LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.833	502	510	521	rVB2	61195	144830	9.92%	0.487%
2	6.204	563	573	580	rBV6	36257	87277	5.98%	0.293%
3	7.296	752	759	764	rBV2	53337	98183	6.73%	0.330%
4	7.420	774	780	788	rVV5	34463	77237	5.29%	0.260%
5	7.602	807	811	821	rVB2	45932	85503	5.86%	0.287%
6	7.860	850	855	866	rVB	91524	167636	11.49%	0.563%
7	8.231	911	918	926	rBV	270794	479217	32.84%	1.610%
8	8.336	929	936	944	rVB2	56219	112705	7.72%	0.379%
9	8.771	1002	1010	1017	rVB5	33902	74658	5.12%	0.251%
10	8.853	1017	1024	1031	rBV3	59601	125292	8.59%	0.421%
11	9.329	1098	1105	1112	rVV4	35221	76494	5.24%	0.257%
12	9.417	1114	1120	1127	rVB2	113599	202614	13.88%	0.681%
13	9.594	1138	1150	1156	rVV4	33419	80074	5.49%	0.269%
14	9.711	1156	1170	1176	rVV5	74336	194445	13.32%	0.653%
15	9.782	1176	1182	1190	rVV2	160587	304972	20.90%	1.025%
16	10.293	1263	1269	1278	rVB3	37221	74368	5.10%	0.250%
17	10.457	1288	1297	1307	rBV6	90516	309338	21.20%	1.039%
18	10.563	1307	1315	1319	rVV4	45606	122471	8.39%	0.412%
19	10.681	1329	1335	1350	rBV10	52967	133886	9.17%	0.450%
20	10.886	1362	1370	1376	rBV8	29681	71345	4.89%	0.240%
21	10.974	1379	1385	1390	rBV2	77881	162785	11.15%	0.547%
22	11.063	1394	1400	1404	rBV	329608	592830	40.62%	1.992%
23	11.110	1404	1408	1419	rVB	194293	375117	25.70%	1.260%
24	11.198	1419	1423	1426	rBV3	40575	75131	5.15%	0.252%
25	11.233	1426	1429	1434	rVV6	41064	99195	6.80%	0.333%
26	11.286	1434	1438	1454	rVB3	192645	658694	45.14%	2.213%
27	11.421	1454	1461	1463	rBV	235945	419791	28.77%	1.411%
28	11.462	1463	1468	1474	rVV	468466	879454	60.26%	2.955%
29	11.527	1474	1479	1486	rVB2	149432	250295	17.15%	0.841%
30	11.709	1505	1510	1520	rVB7	36055	81539	5.59%	0.274%
31	11.809	1522	1527	1533	rBV4	52245	100676	6.90%	0.338%
32	12.003	1556	1560	1565	rVB4	46784	83943	5.75%	0.282%
33	12.061	1565	1570	1571	rBV5	54646	82711	5.67%	0.278%
34	12.138	1578	1583	1587	rBV6	59461	117680	8.06%	0.395%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	12.185	1587	1591	1595	rVV2	58413	73045	5.01%	0.245%
36	12.255	1599	1603	1609	rVB	126086	215483	14.77%	0.724%
37	12.361	1609	1621	1625	rBV6	61141	145378	9.96%	0.489%
38	12.408	1625	1629	1641	rVB4	125944	230941	15.83%	0.776%
39	12.508	1641	1646	1651	rBV3	51314	95075	6.52%	0.319%
40	12.573	1652	1657	1666	rVB2	114186	356270	24.41%	1.197%
41	12.702	1672	1679	1682	rBV	590794	996032	68.25%	3.347%
42	12.737	1683	1685	1688	rVB2	187248	203595	13.95%	0.684%
43	12.772	1689	1691	1696	rVB4	66424	86745	5.94%	0.291%
44	12.825	1696	1700	1702	rBV2	126757	178998	12.27%	0.601%
45	12.913	1711	1715	1722	rVB	368651	625295	42.85%	2.101%
46	13.001	1723	1730	1735	rBV2	180105	380293	26.06%	1.278%
47	13.090	1741	1745	1758	rVB7	130868	315665	21.63%	1.061%
48	13.201	1759	1764	1769	rBV8	51199	90036	6.17%	0.303%
49	13.272	1770	1776	1779	rBV3	105368	197113	13.51%	0.662%
50	13.342	1784	1788	1792	rBV3	84103	130467	8.94%	0.438%
51	13.389	1794	1796	1801	rVB4	93446	113222	7.76%	0.380%
52	13.448	1801	1806	1810	rBV6	52118	115694	7.93%	0.389%
53	13.548	1816	1823	1824	rBV4	77974	155852	10.68%	0.524%
54	13.577	1825	1828	1832	rVV4	130947	191116	13.10%	0.642%
55	13.630	1832	1837	1842	rVV3	214882	359558	24.64%	1.208%
56	13.689	1843	1847	1851	rVB2	95044	127684	8.75%	0.429%
57	13.801	1860	1866	1869	rBV4	92659	188510	12.92%	0.633%
58	13.883	1876	1880	1889	rVB5	125174	298164	20.43%	1.002%
59	14.041	1896	1907	1917	rBV5	220239	718696	49.25%	2.415%
60	14.177	1919	1930	1934	rBV2	300731	658585	45.13%	2.213%
61	14.224	1934	1938	1946	rVB3	308455	553125	37.90%	1.859%
62	14.341	1955	1958	1962	rBV4	43687	72791	4.99%	0.245%
63	14.412	1966	1970	1974	rBV4	83324	112124	7.68%	0.377%
64	14.488	1980	1983	1987	rVB3	102901	125228	8.58%	0.421%
65	14.535	1987	1991	1992	rBV3	81146	106622	7.31%	0.358%
66	14.576	1993	1998	2002	rVB3	116769	217906	14.93%	0.732%
67	14.694	2011	2018	2024	rBV	291832	455606	31.22%	1.531%
68	14.811	2032	2038	2041	rBV2	243060	392758	26.91%	1.320%
69	14.858	2041	2046	2055	rVB2	530666	1072312	73.48%	3.603%
70	15.070	2074	2082	2089	rBV2	169316	381667	26.15%	1.282%
71	15.146	2090	2095	2099	rVB3	102343	181240	12.42%	0.609%

LSC Area Percent Report

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Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	15.246	2106	2112	2118	rVB5	106595	226546	15.52%	0.761%
73	15.311	2120	2123	2127	rBV	68535	88980	6.10%	0.299%
74	15.457	2142	2148	2153	rBV4	101250	219369	15.03%	0.737%
75	15.510	2153	2157	2166	rVV5	197288	440933	30.22%	1.482%
76	15.610	2166	2174	2176	rVV	287871	541133	37.08%	1.818%
77	15.640	2176	2179	2191	rVB	418814	689044	47.22%	2.315%
78	15.845	2210	2214	2216	rVV2	63687	94865	6.50%	0.319%
79	15.880	2216	2220	2231	rVB4	226371	497470	34.09%	1.672%
80	16.444	2309	2316	2321	rVB7	130532	270924	18.57%	0.910%
81	16.497	2321	2325	2329	rBV	485050	619710	42.47%	2.082%
82	16.721	2357	2363	2371	rVB6	228214	360259	24.69%	1.211%
83	16.809	2372	2378	2384	rVB3	211854	312395	21.41%	1.050%
84	16.885	2386	2391	2398	rBV6	63099	132145	9.06%	0.444%
85	16.944	2398	2401	2407	rBV8	49000	86693	5.94%	0.291%
86	17.120	2428	2431	2438	rVB9	53002	98966	6.78%	0.333%
87	17.244	2449	2452	2454	rBV3	67375	76118	5.22%	0.256%
88	17.291	2456	2460	2470	rVB	434380	635234	43.53%	2.135%
89	17.432	2481	2484	2490	rVB3	56962	95623	6.55%	0.321%
90	17.602	2506	2513	2519	rBV	717615	1141026	78.19%	3.834%
91	17.702	2525	2530	2536	rVB2	52536	90400	6.19%	0.304%
92	17.772	2538	2542	2548	rVB7	59135	110943	7.60%	0.373%
93	18.025	2581	2585	2598	rVB	367338	567756	38.91%	1.908%
94	18.712	2698	2702	2718	rVB	331050	449443	30.80%	1.510%
95	19.335	2804	2808	2818	rVB	278689	349314	23.94%	1.174%
96	19.905	2898	2905	2912	rVB	229971	336365	23.05%	1.130%
97	19.976	2913	2917	2928	rVB2	90329	194088	13.30%	0.652%
98	20.434	2992	2995	3002	rVB	180818	209731	14.37%	0.705%
99	21.897	3237	3244	3254	rVB	830181	1459318	100.00%	4.904%
100	25.328	3818	3828	3840	rVB2	459215	1443805	98.94%	4.852%

Sum of corrected areas: 29759873

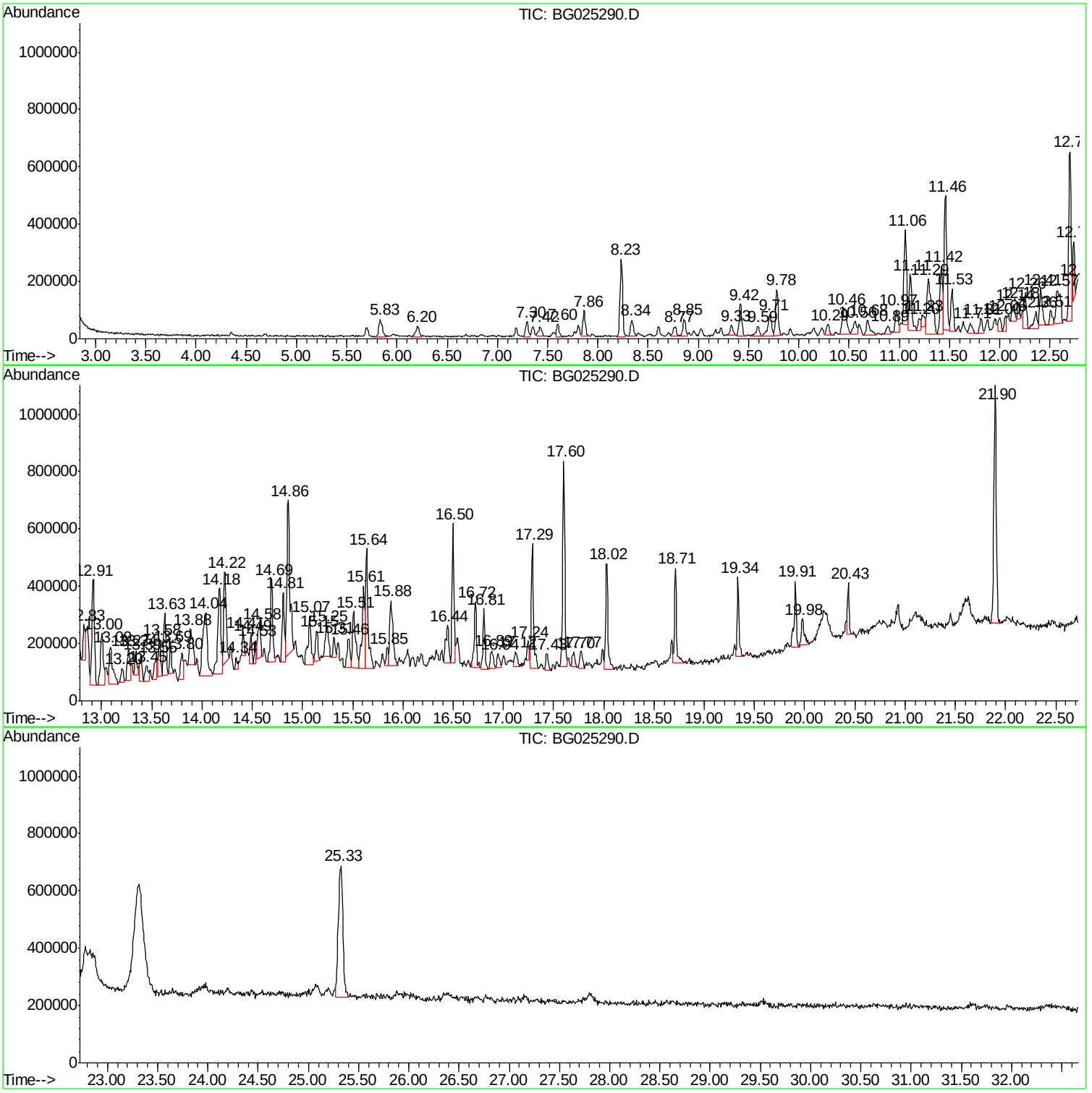
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

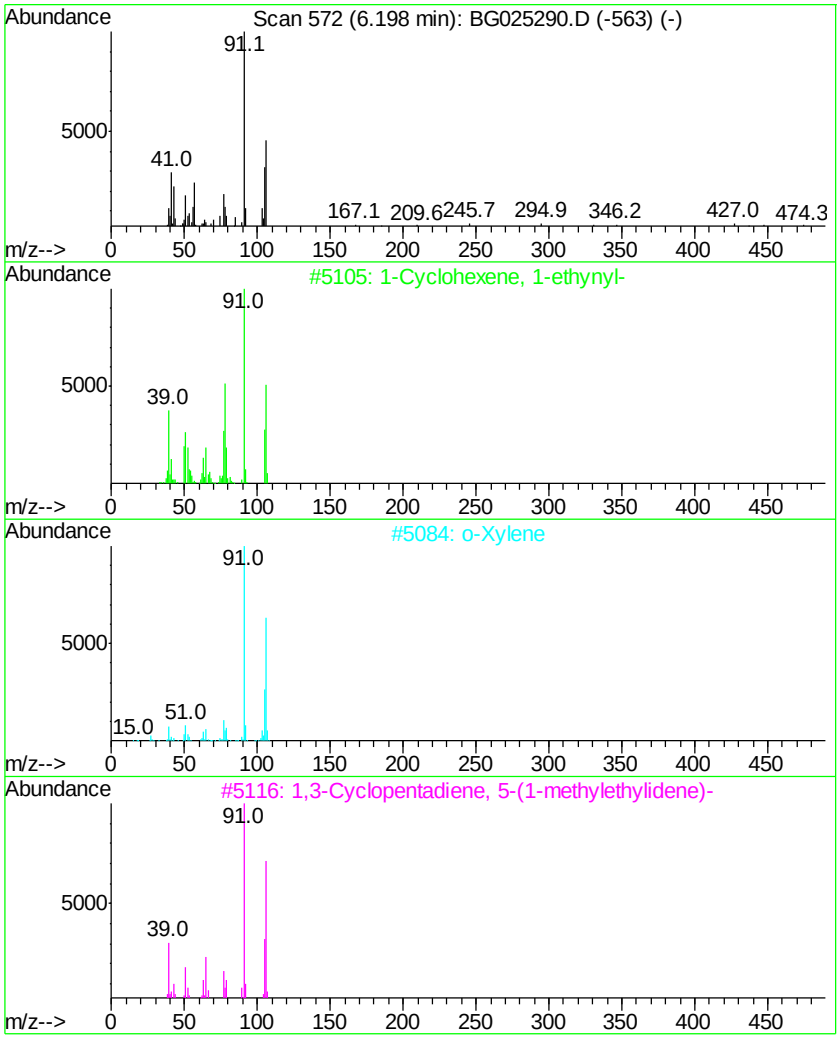
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

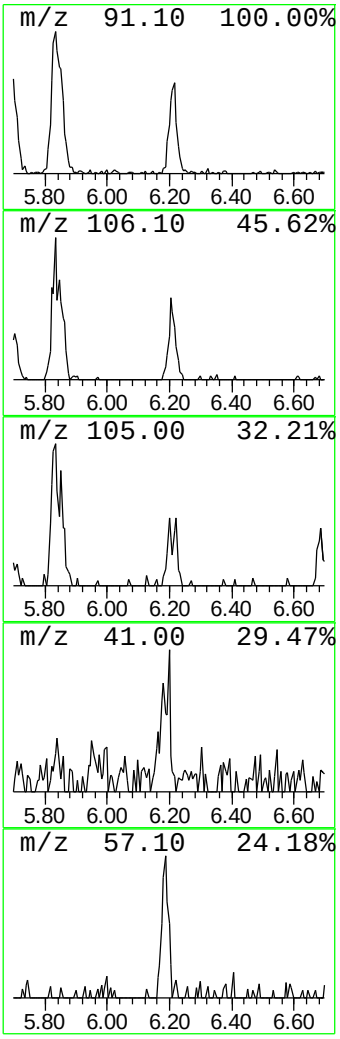
****

Peak Number 2 1-Cyclohexene, 1-ethynyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	3.64 ng/ul	87277	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene, 1-ethynyl-	106	C8H10	1000327-56-5	72
2	o-Xylene	106	C8H10	000095-47-6	72
3	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	70
4	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	64
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

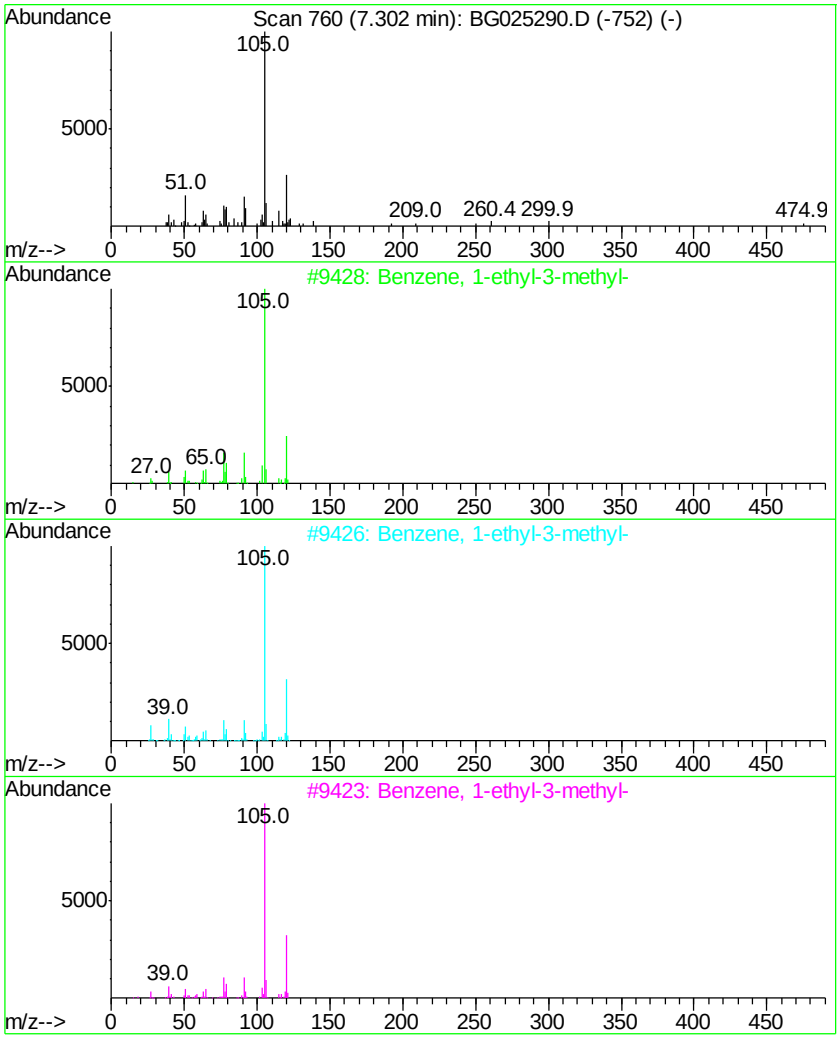
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

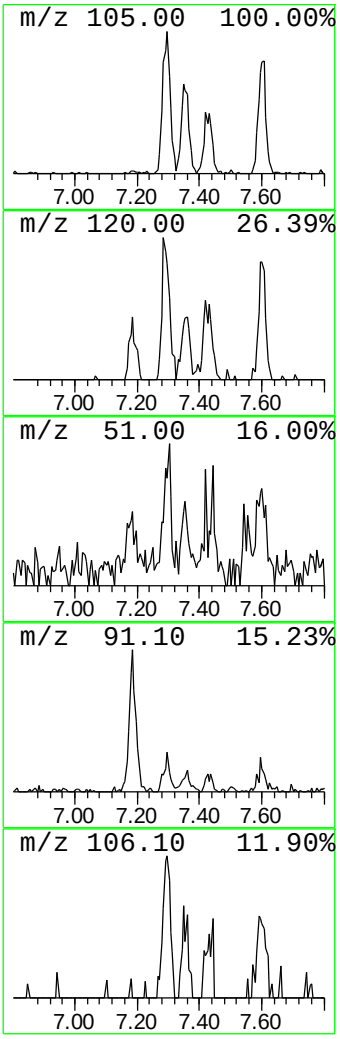
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	4.10 ng/ul	98183	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	68
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

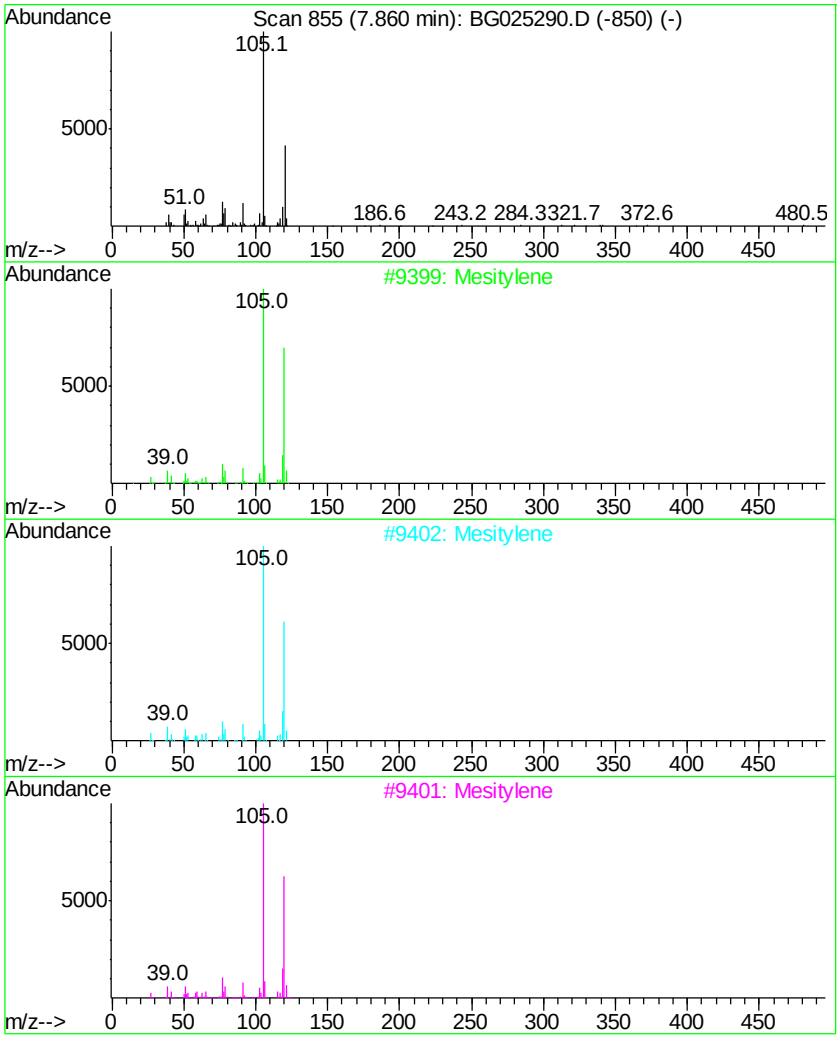
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

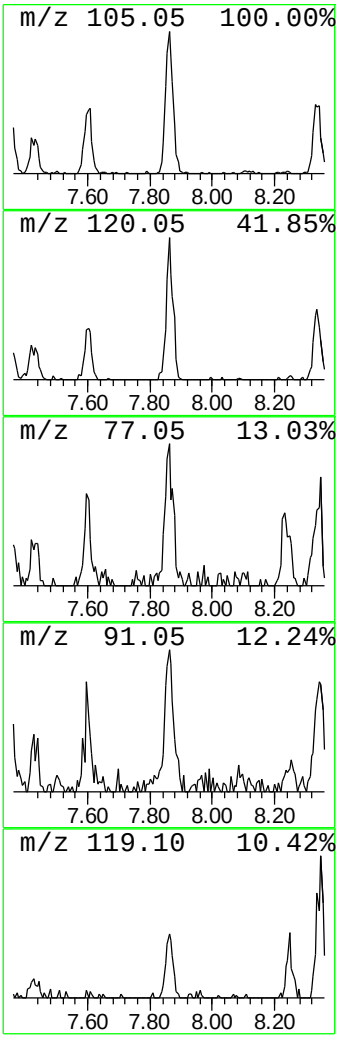
****

Peak Number 4 Mesitylene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	7.00 ng/ul	167636	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	90
2	Mesitylene	120	C9H12	000108-67-8	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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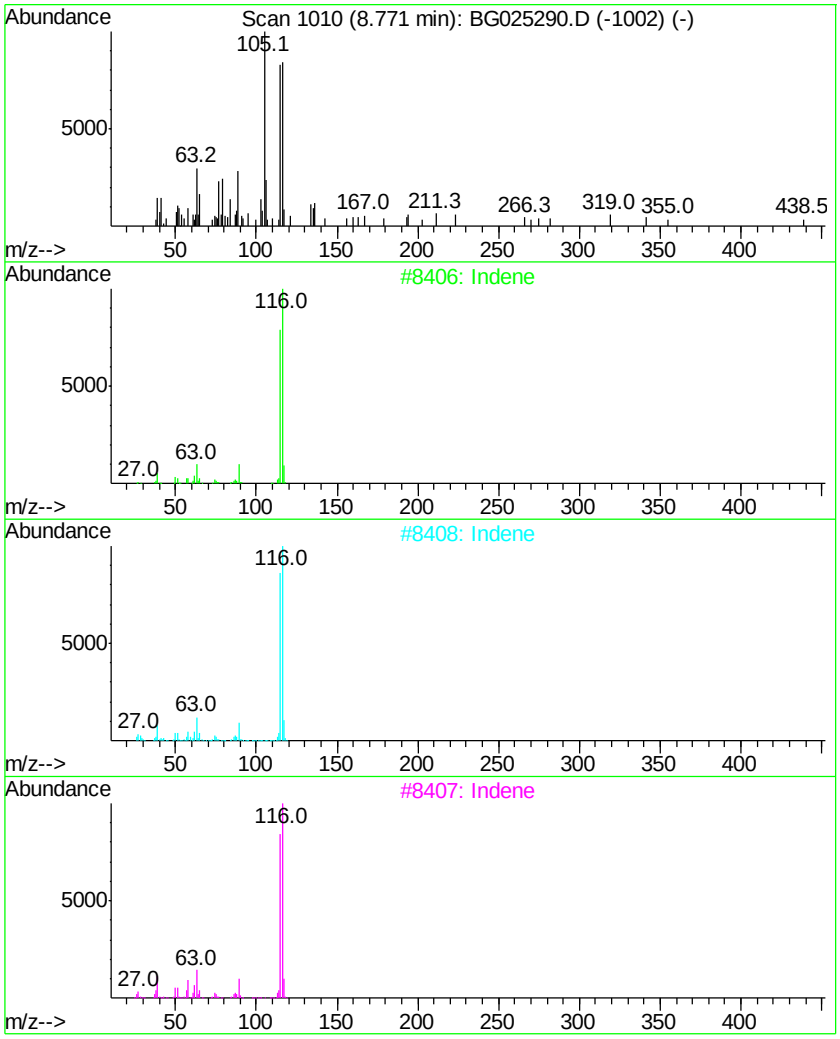
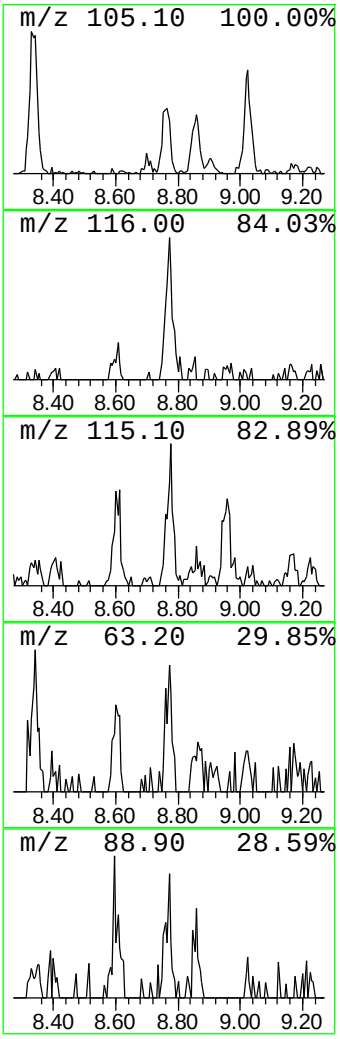
Peak Number 6 Indene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	3.12 ng/ul	74658	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Indene	116	C9H8	000095-13-6	81
3	Indene	116	C9H8	000095-13-6	81
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	72
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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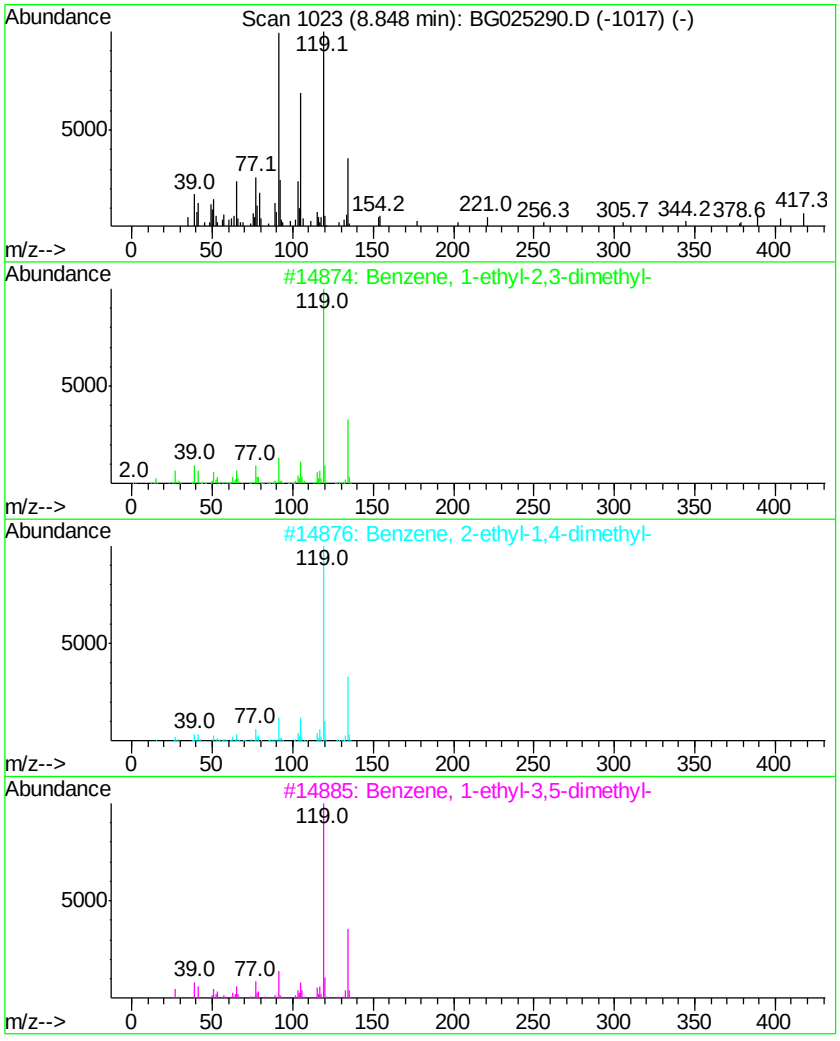
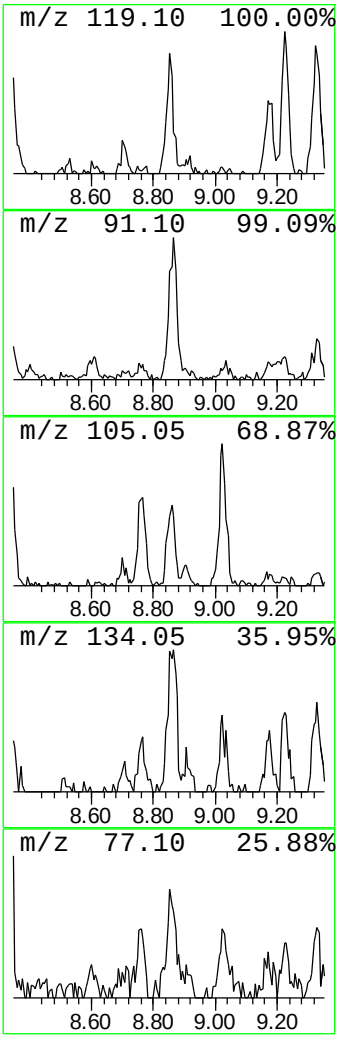
Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	5.23 ng/ul	125292	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	74
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	68
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	68
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	68





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Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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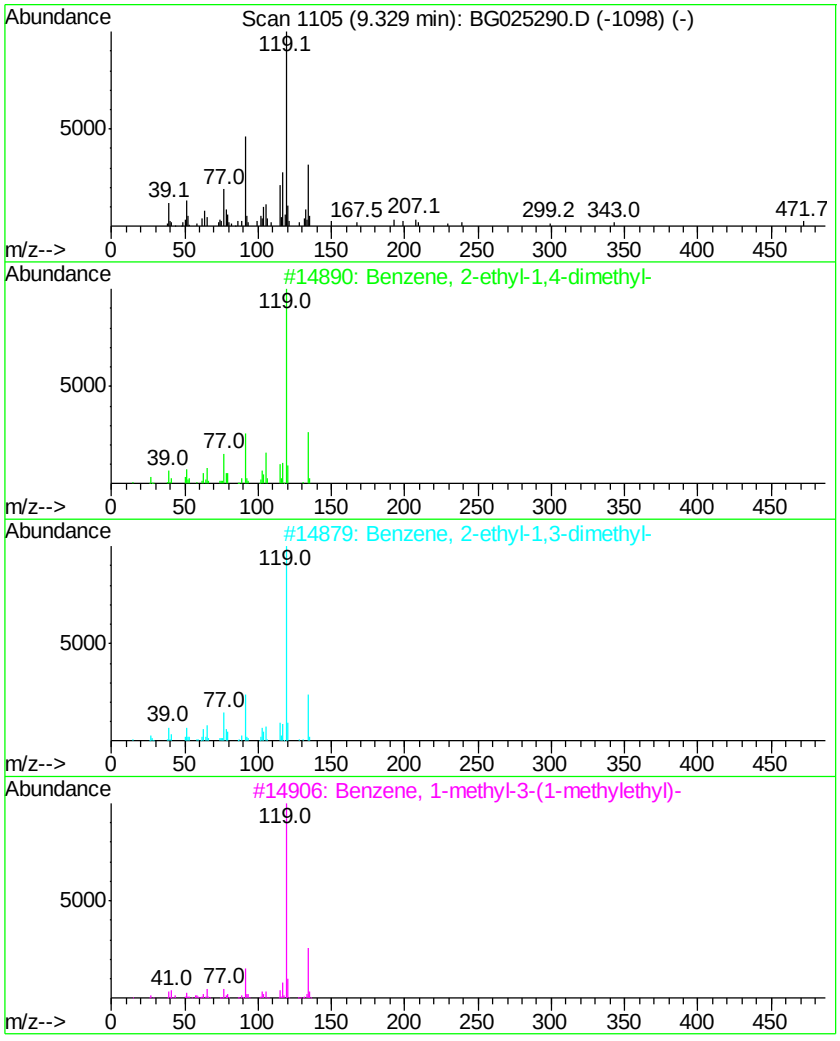
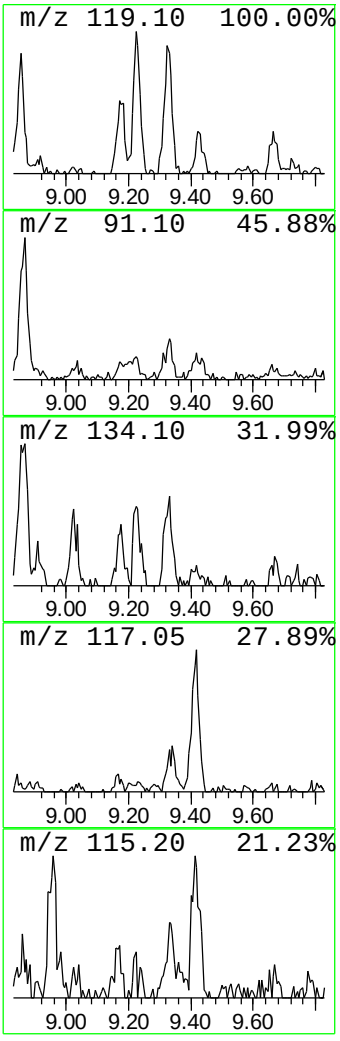
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	3.19 ng/ul	76494	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72





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Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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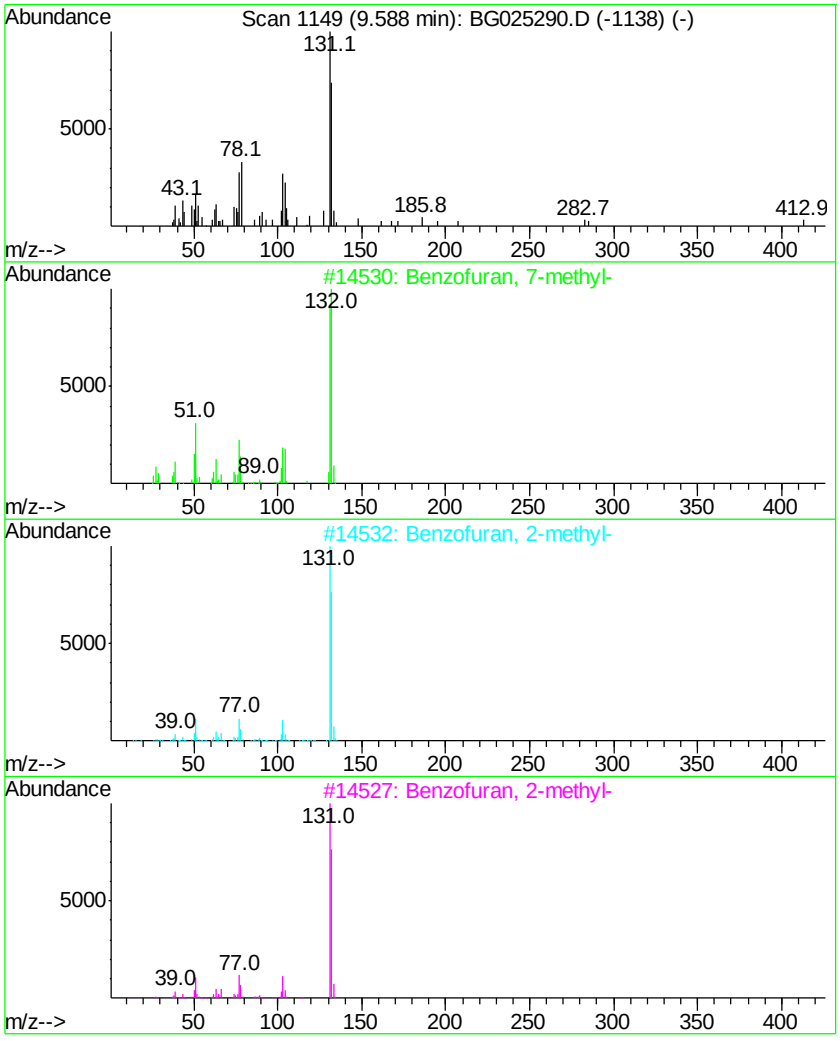
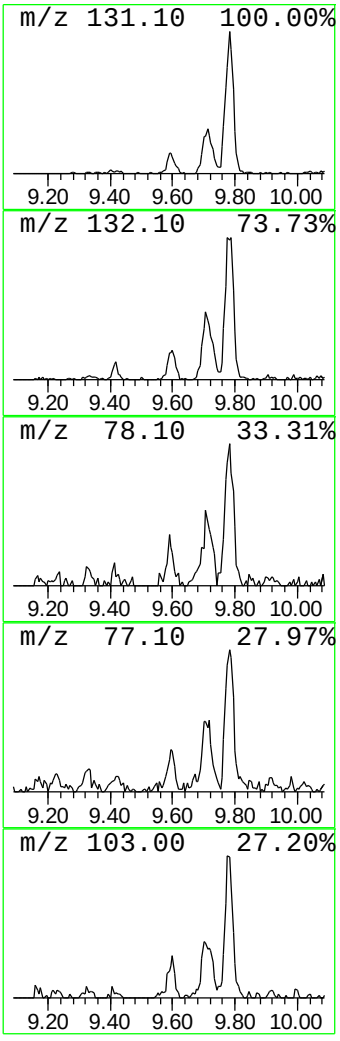
Peak Number 9 Benzofuran, 7-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	3.34 ng/ul	80074	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	89





Library Search Compound Report

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Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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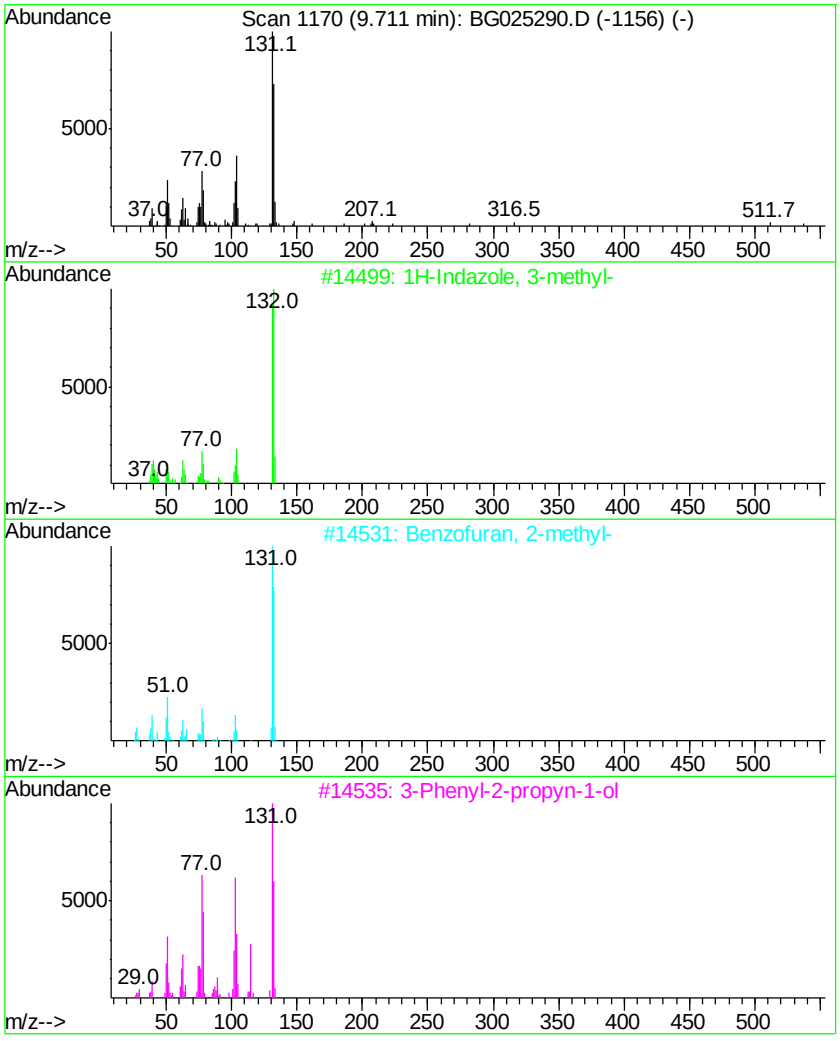
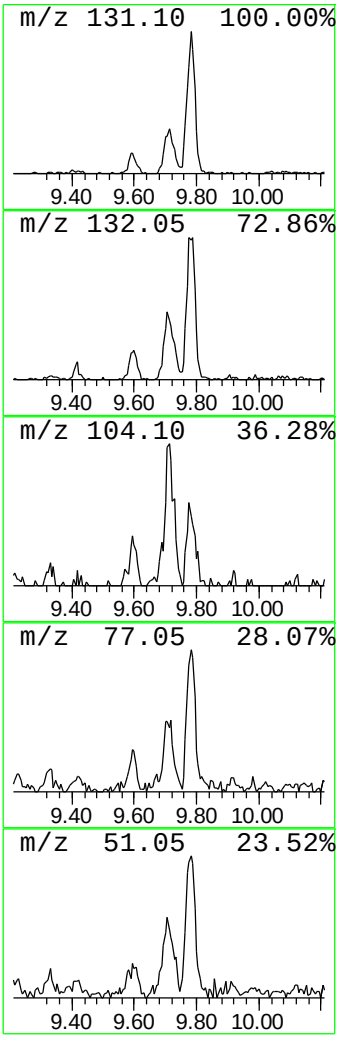
Peak Number 10 1H-Indazole, 3-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	6.56 ng/ul	194445	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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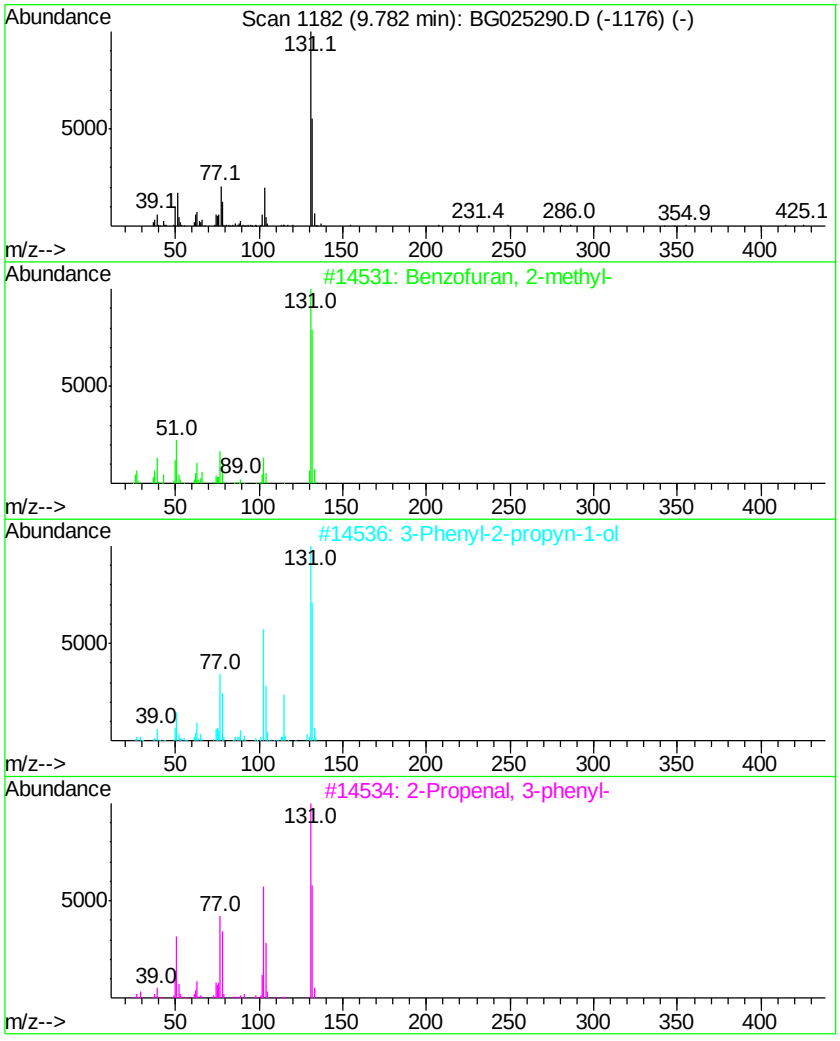
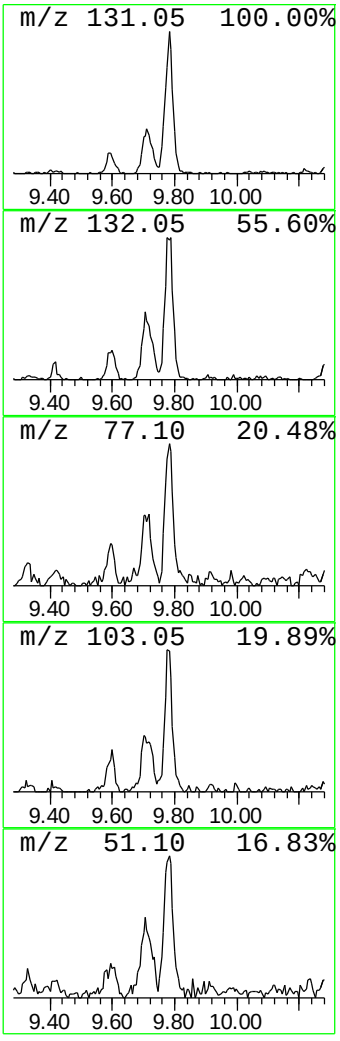
Peak Number 11 Benzofuran, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	10.29 ng/ul	304972	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





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Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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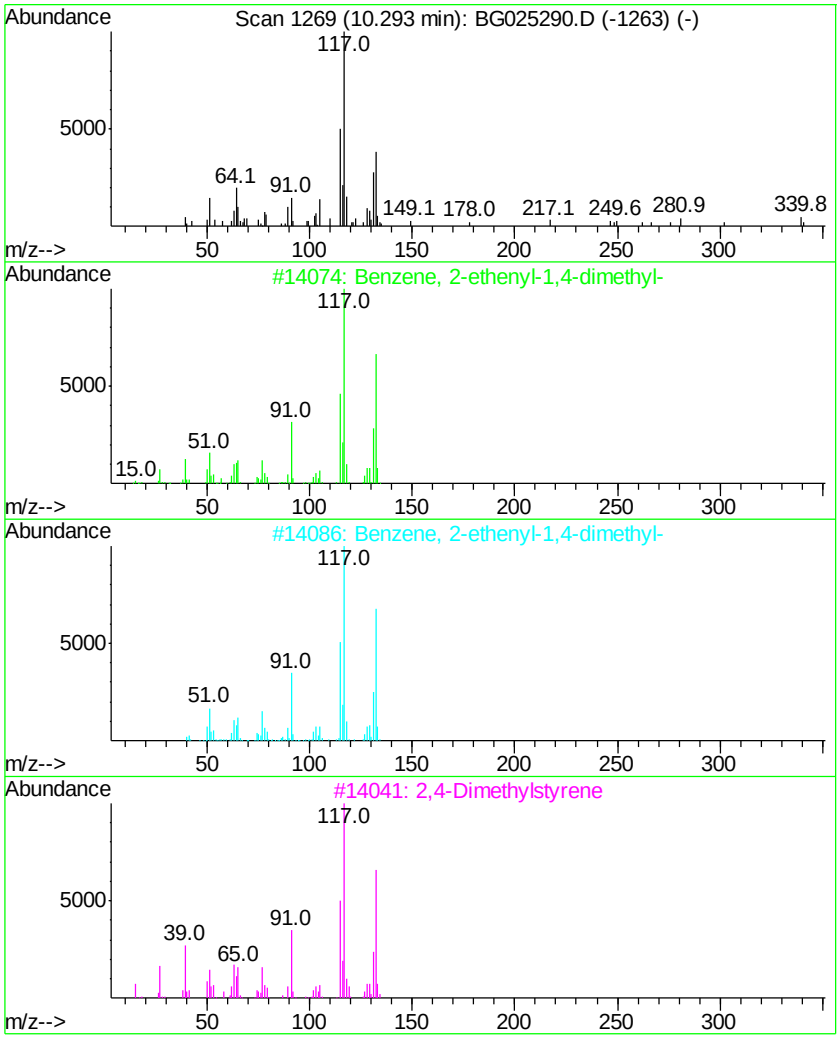
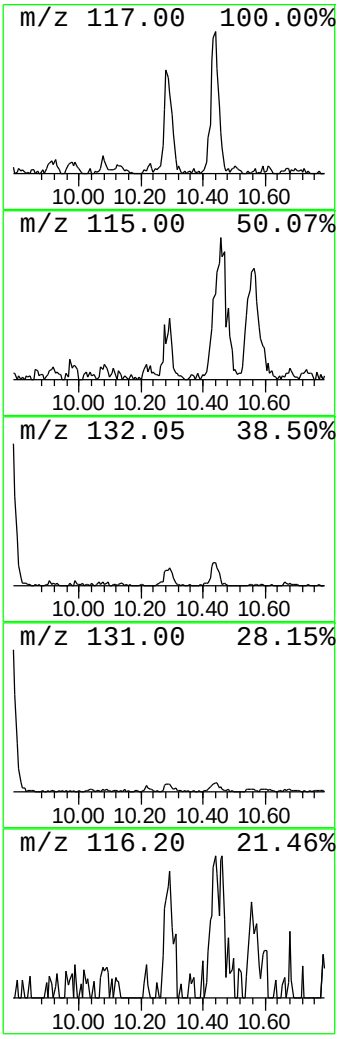
Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	2.51 ng/ul	74368	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	81
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	81
4	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	76
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76





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Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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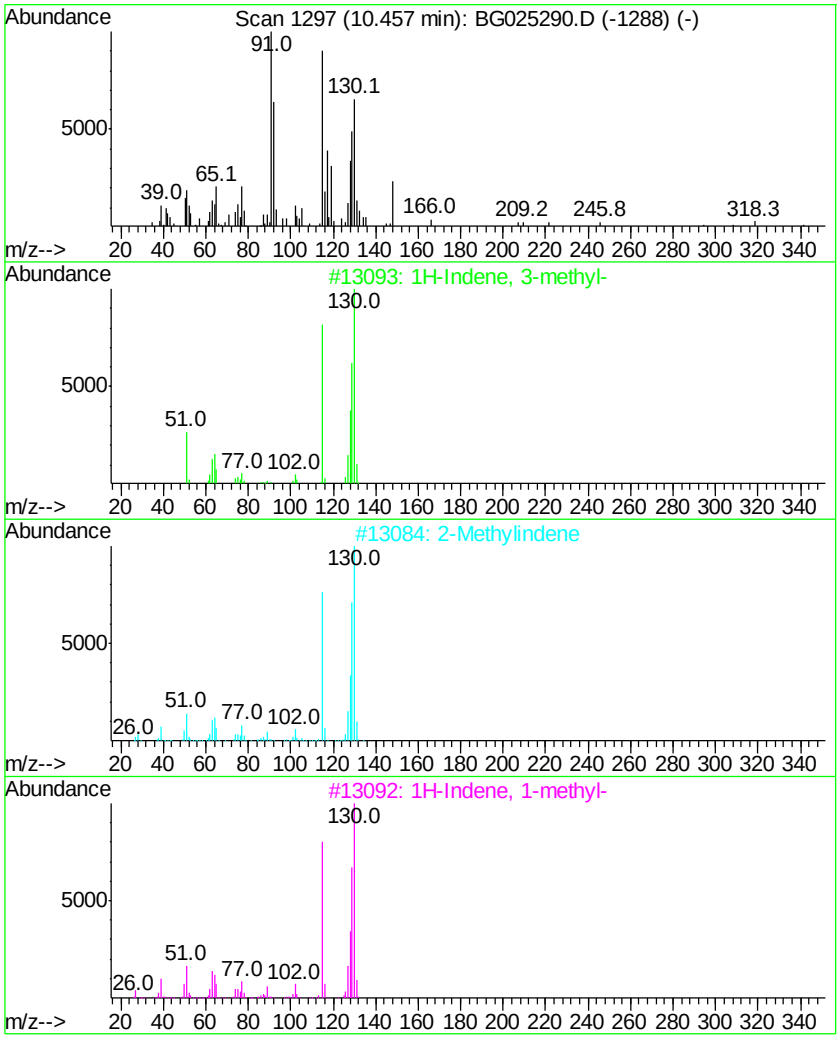
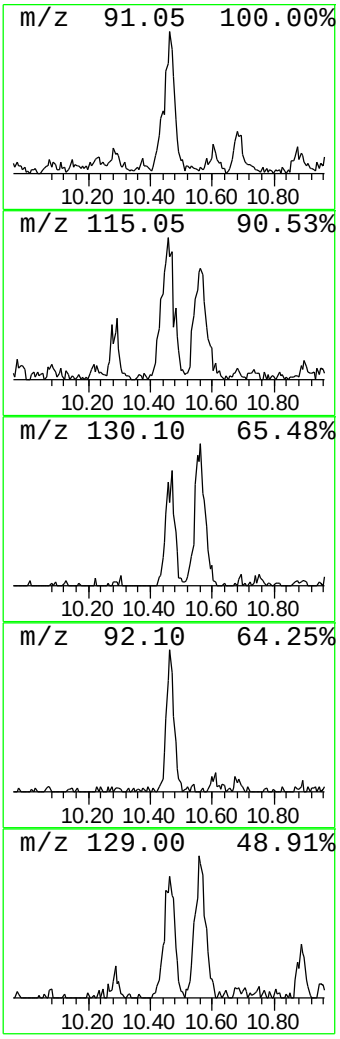
Peak Number 13 1H-Indene, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	10.44 ng/ul	309338	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	55
2	2-Methylindene	130	C10H10	002177-47-1	55
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	55
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	55
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	50





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Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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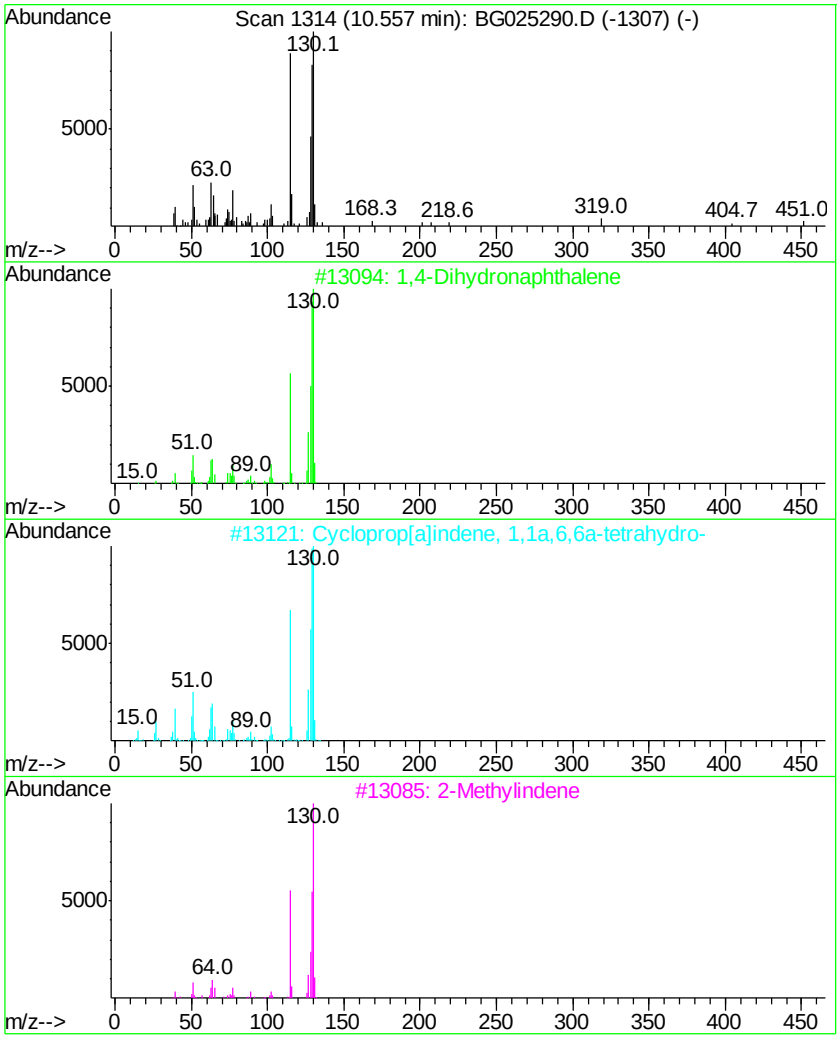
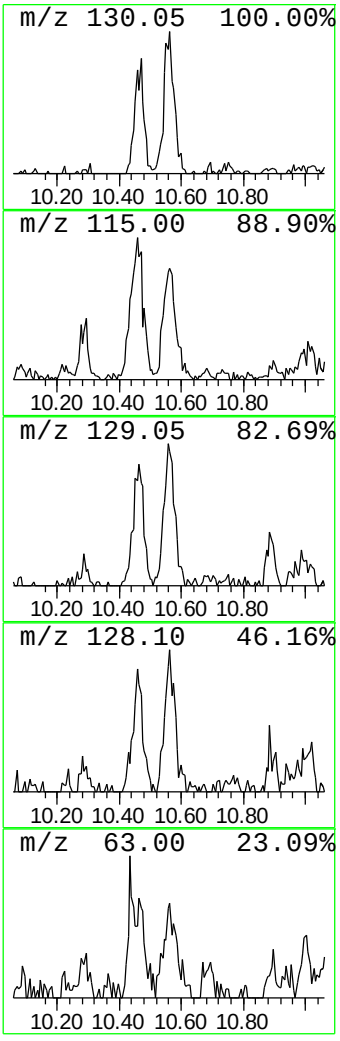
Peak Number 14 1,4-Dihydronaphthalene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	4.13 ng/ul	122471	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	90
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83
3	2-Methylindene	130	C10H10	002177-47-1	81
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	81
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	81





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Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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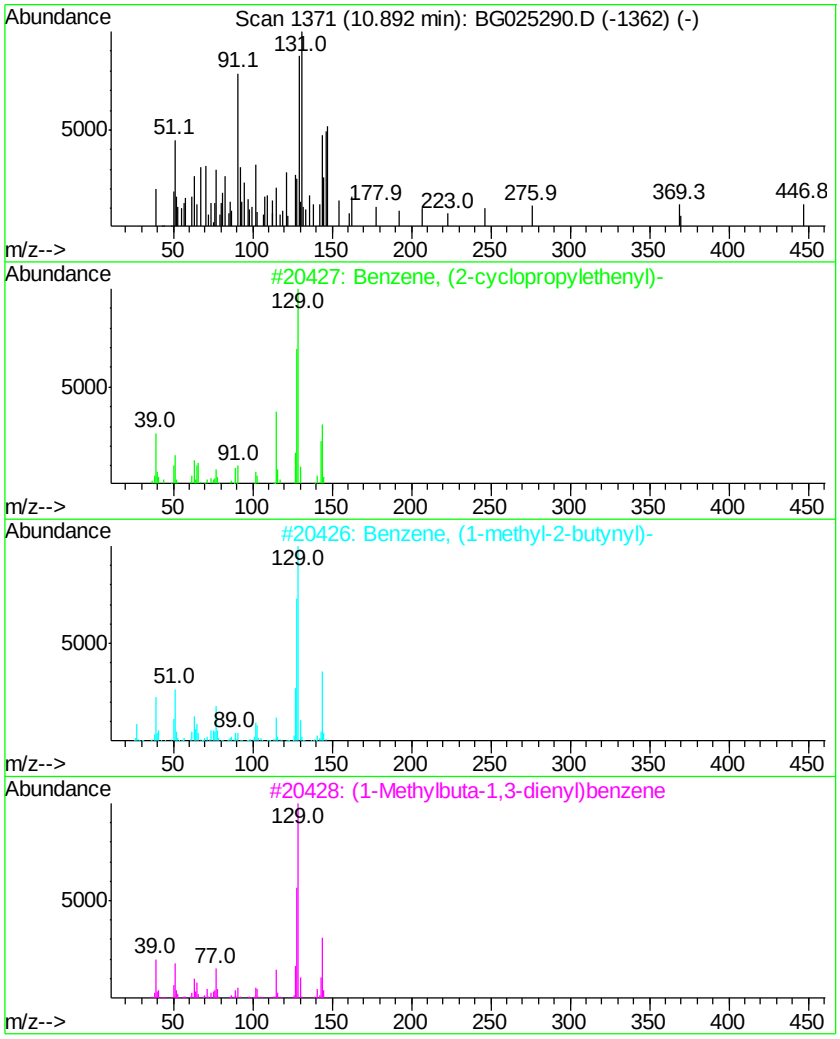
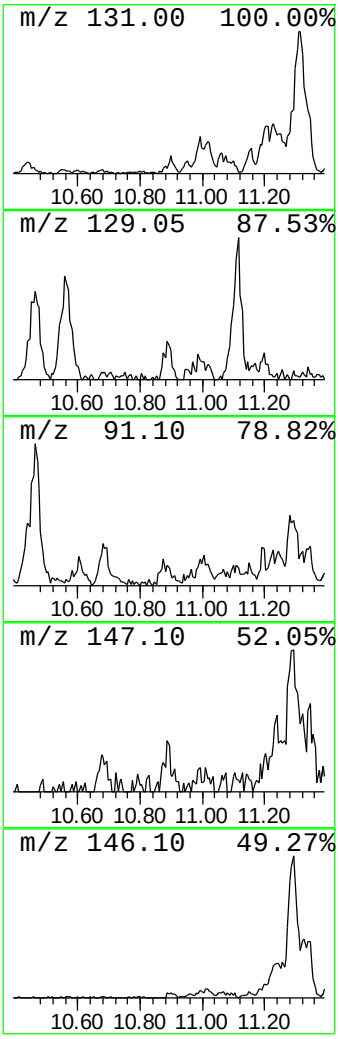
Peak Number 15 unknown-01 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	2.41 ng/ul	71345	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	38
2	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	38
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	30
4	1-o-Tolylprop-2-en-1-one	146	C10H10O	039627-60-6	25
5	Cyclopropene, 2,3-dimethyl-3-phe...	144	C11H12	1000162-49-5	22





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Sample : H5938-02DL 20X
Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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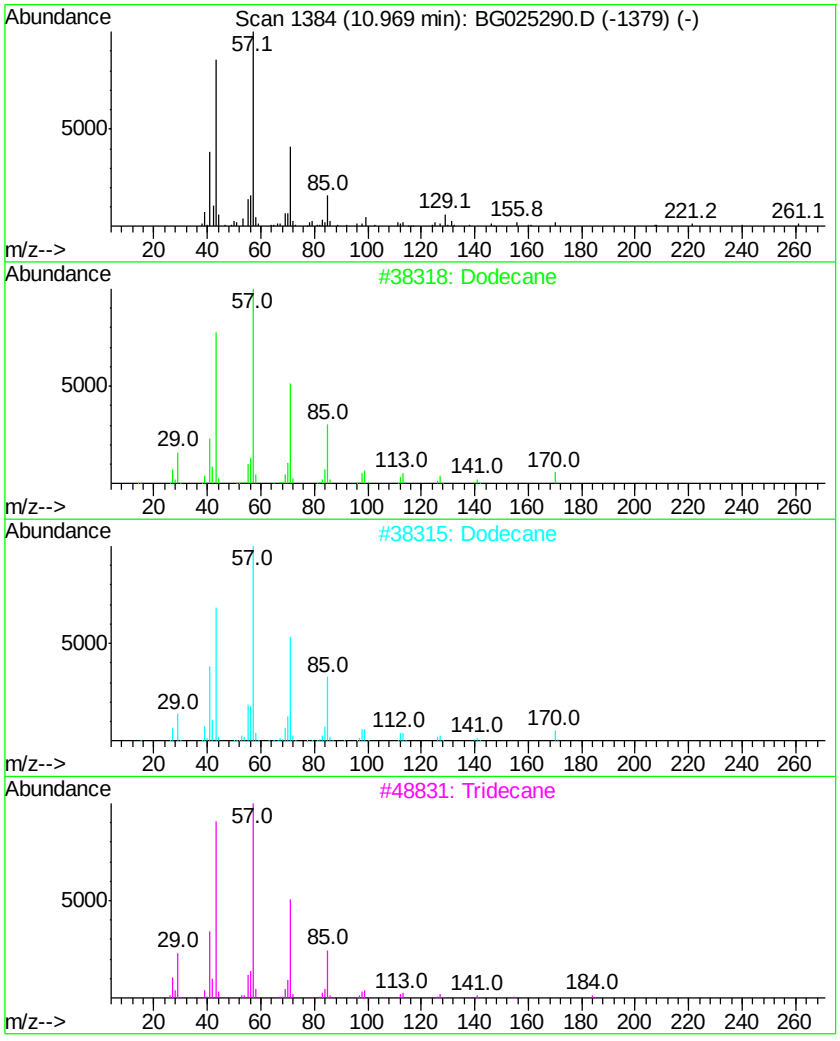
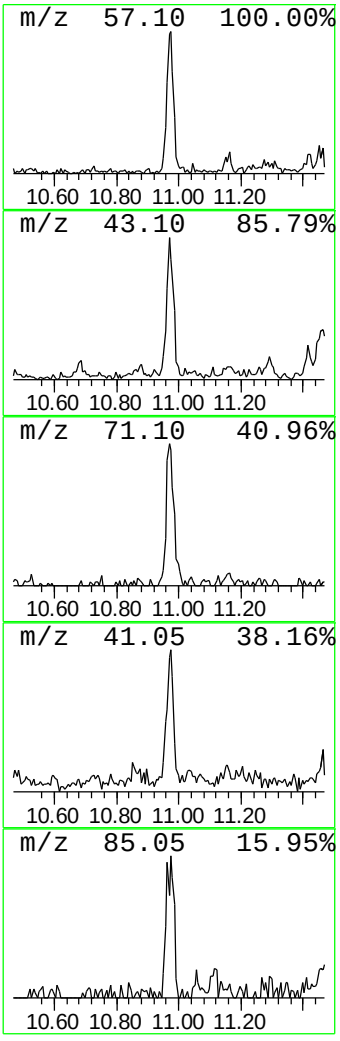
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	5.49 ng/ul	162785	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Dodecane	170	C12H26	000112-40-3	90
3	Tridecane	184	C13H28	000629-50-5	80
4	Tetradecane	198	C14H30	000629-59-4	72
5	Dodecane	170	C12H26	000112-40-3	72





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Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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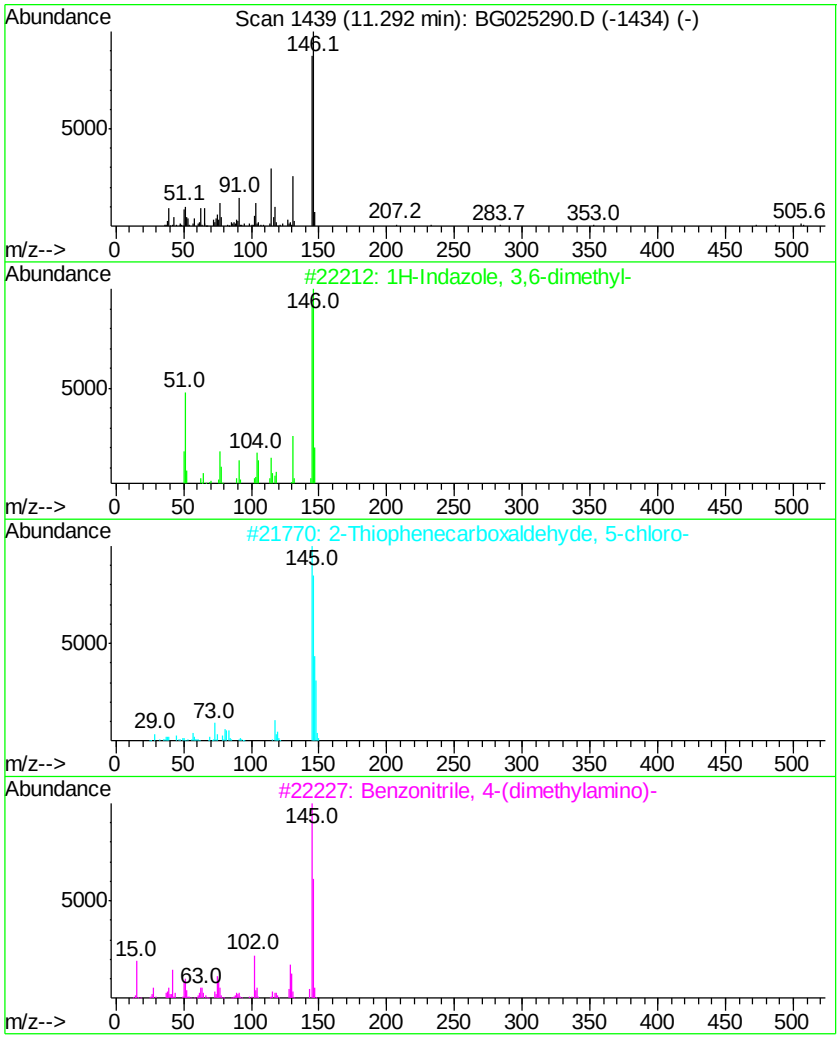
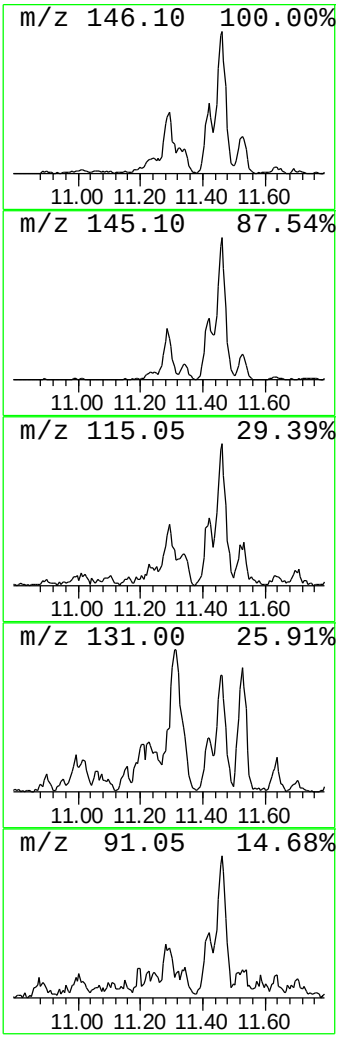
Peak Number 17 1H-Indazole, 3,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	22.22 ng/ul	658694	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	78
2	2-Thiophenecarboxaldehyde, 5-chl...	146	C5H3ClOS	007283-96-7	59
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	58
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53





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Sample : H5938-02DL 20X
Misc :
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Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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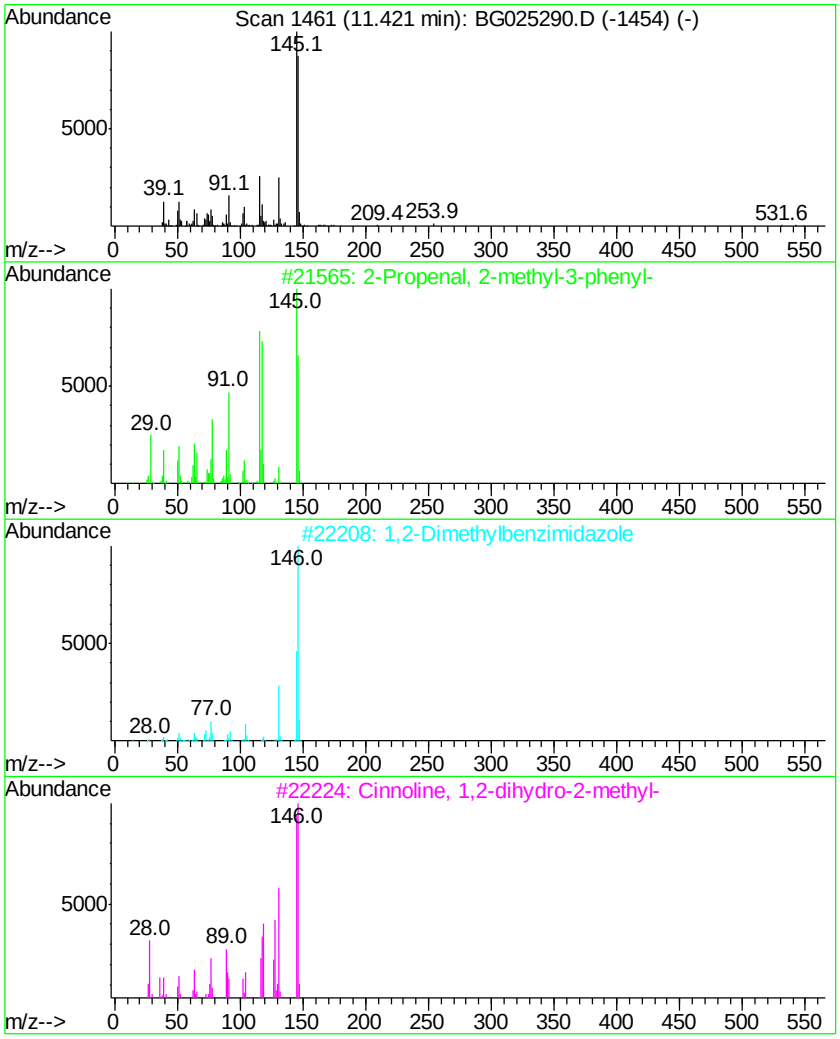
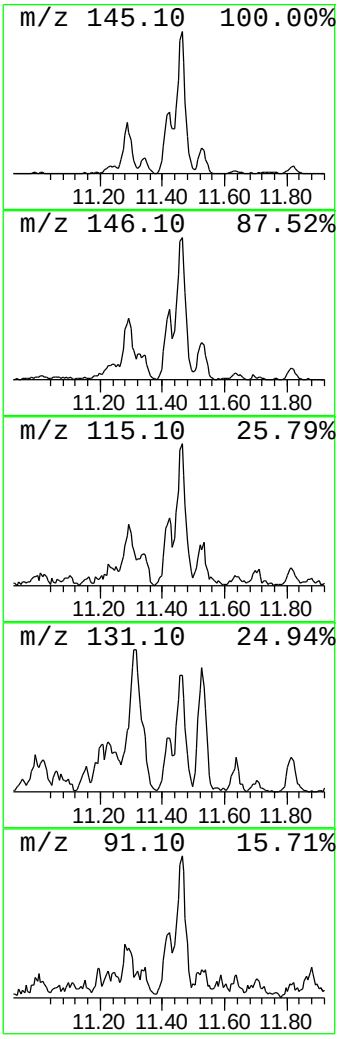
Peak Number 18 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	14.16 ng/ul	419791	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
2	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	50
3	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	47
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	45
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	45





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Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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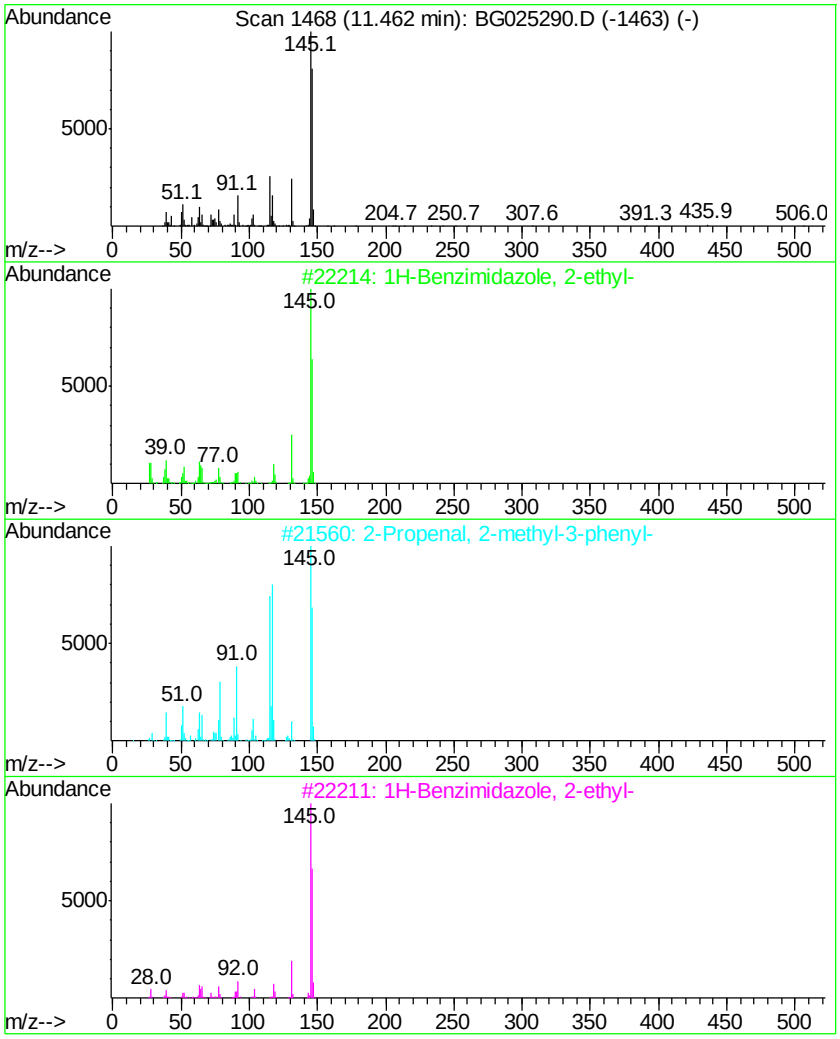
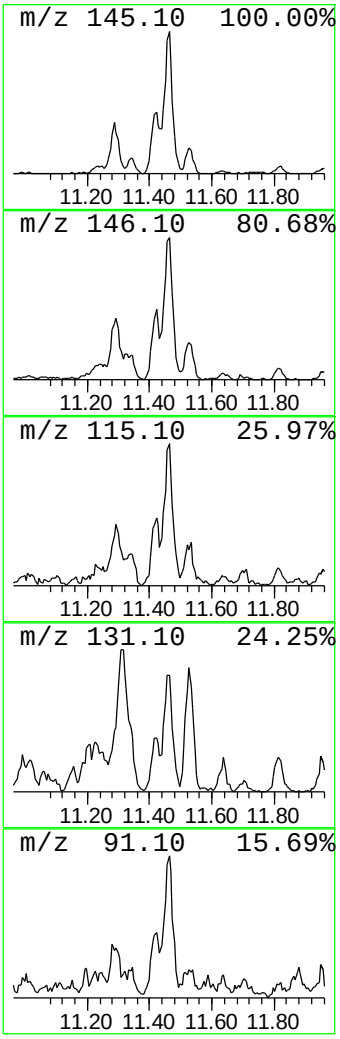
Peak Number 19 1H-Benzimidazole, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	29.67 ng/ul	879454	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	59





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Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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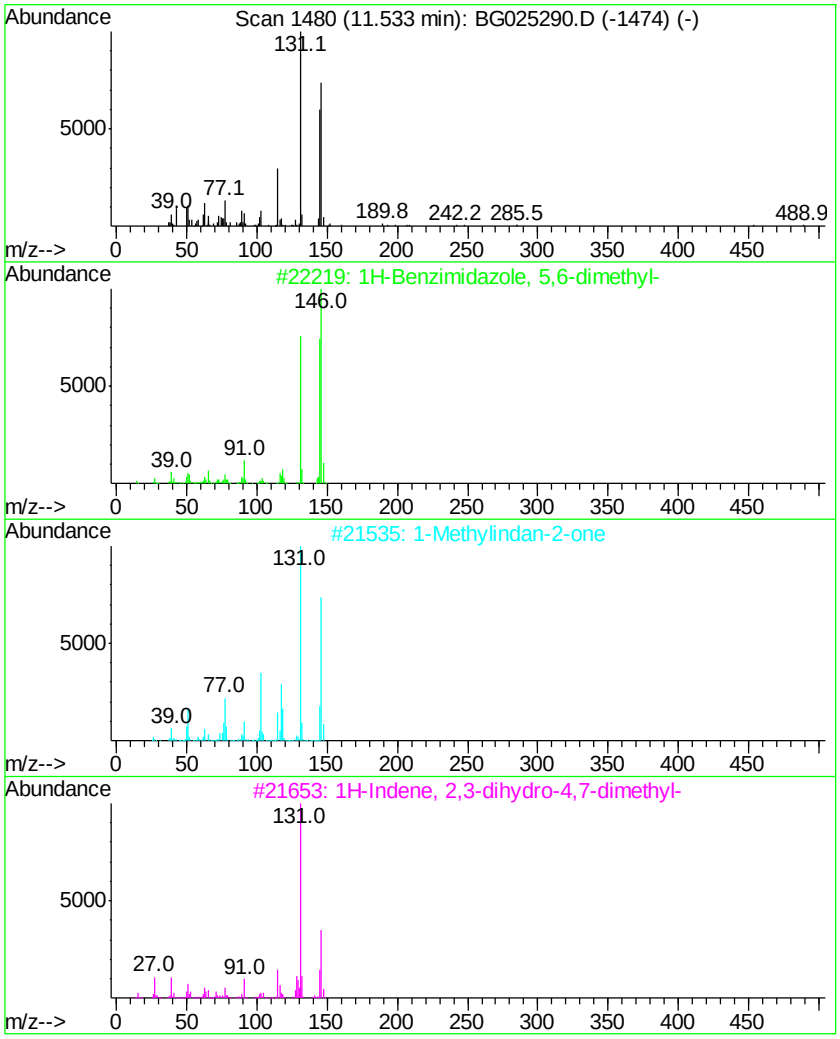
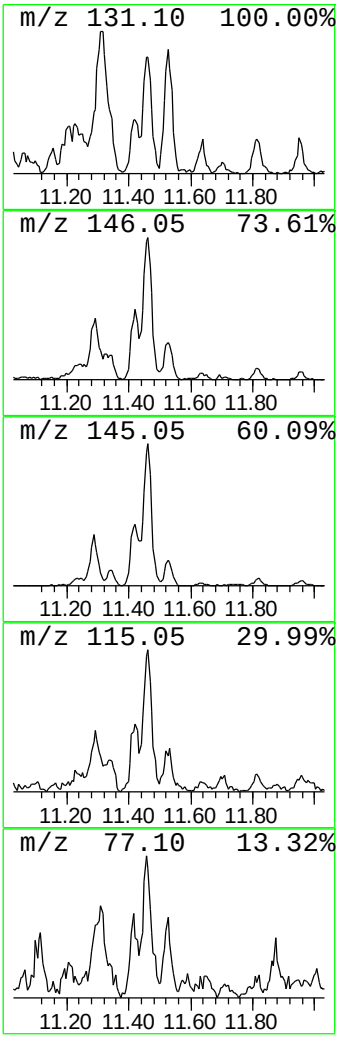
Peak Number 20 1H-Benzimidazole, 5,6-dimet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	8.44 ng/ul	250295	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	68
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	59
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	59
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	53





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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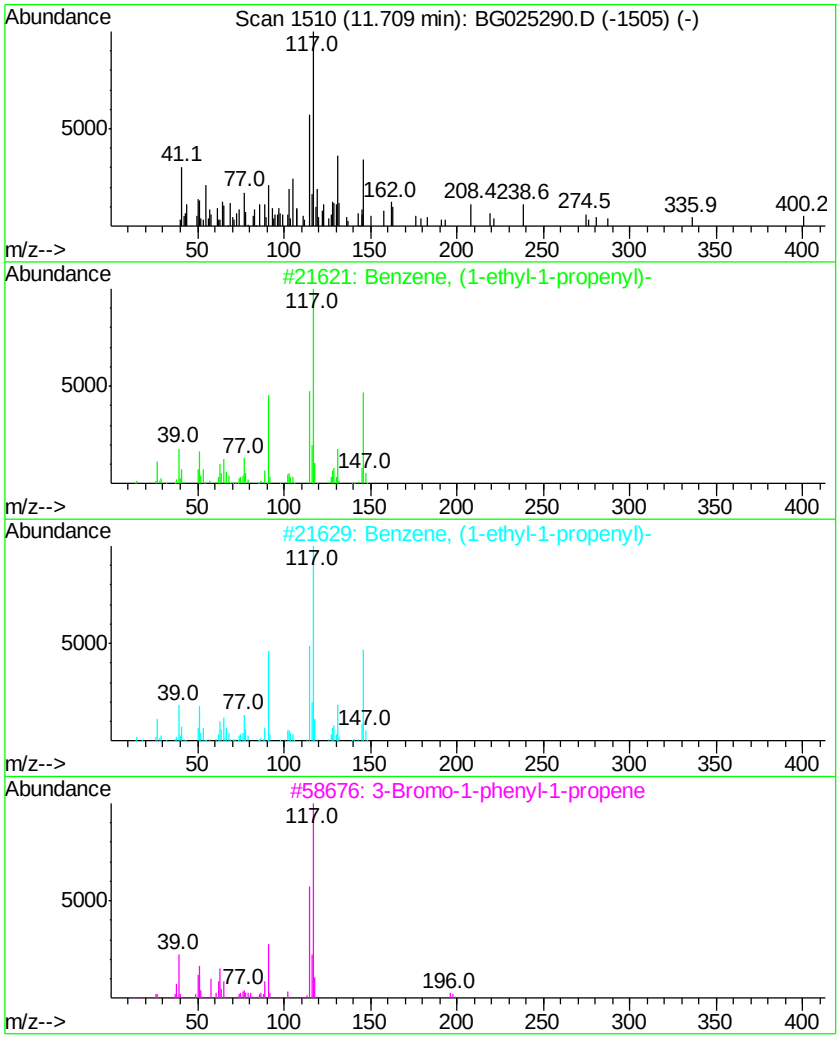
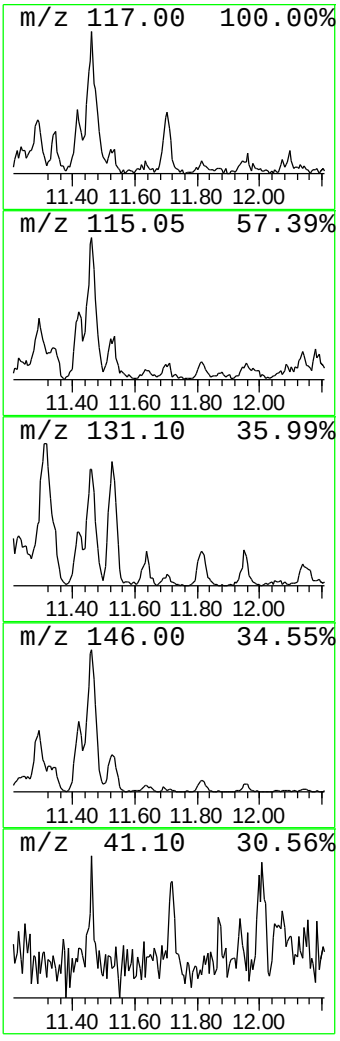
Peak Number 21 unknown-02 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.75 ng/ul	81539	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	49
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	49
3	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	47
4	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	46
5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	43





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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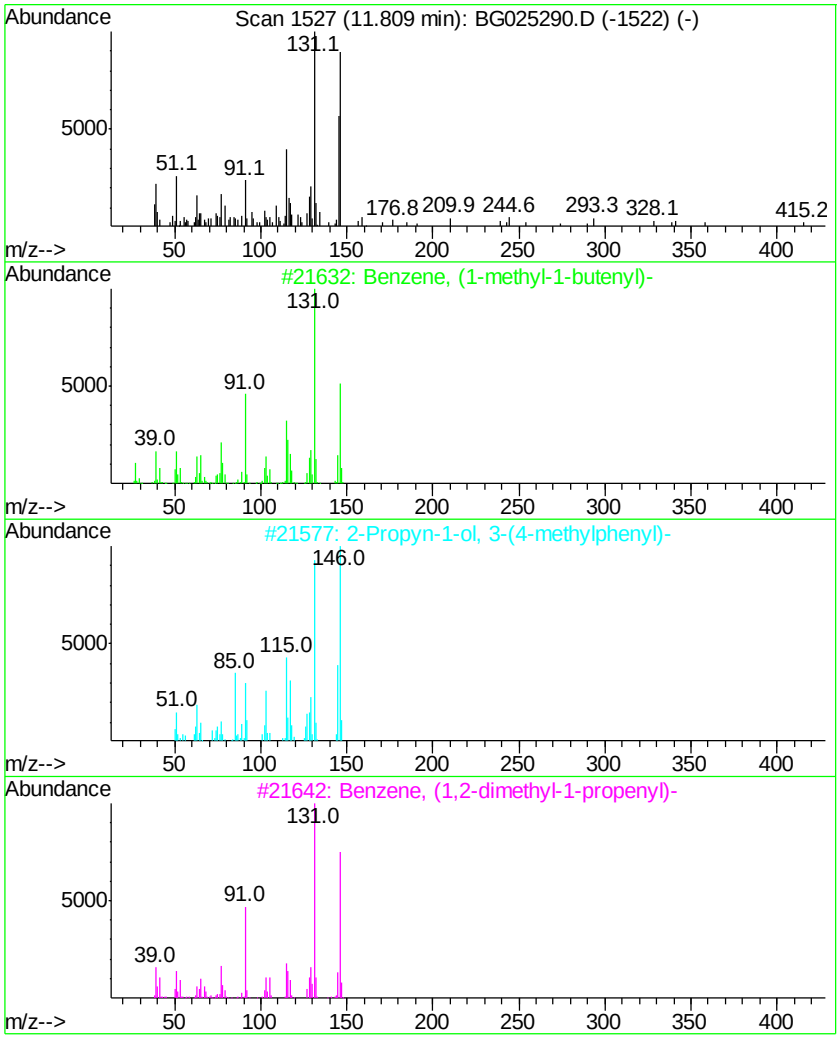
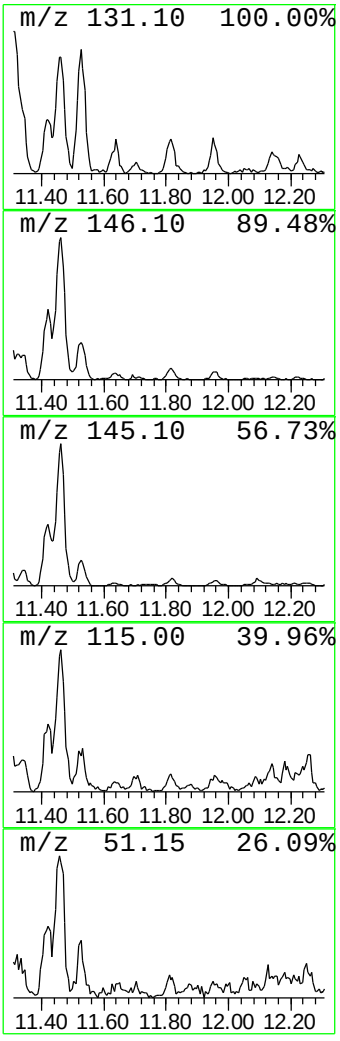
Peak Number 22 Benzene, (1-methyl-1-butenyl)- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.40 ng/ul	100676	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
2	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	80
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	70





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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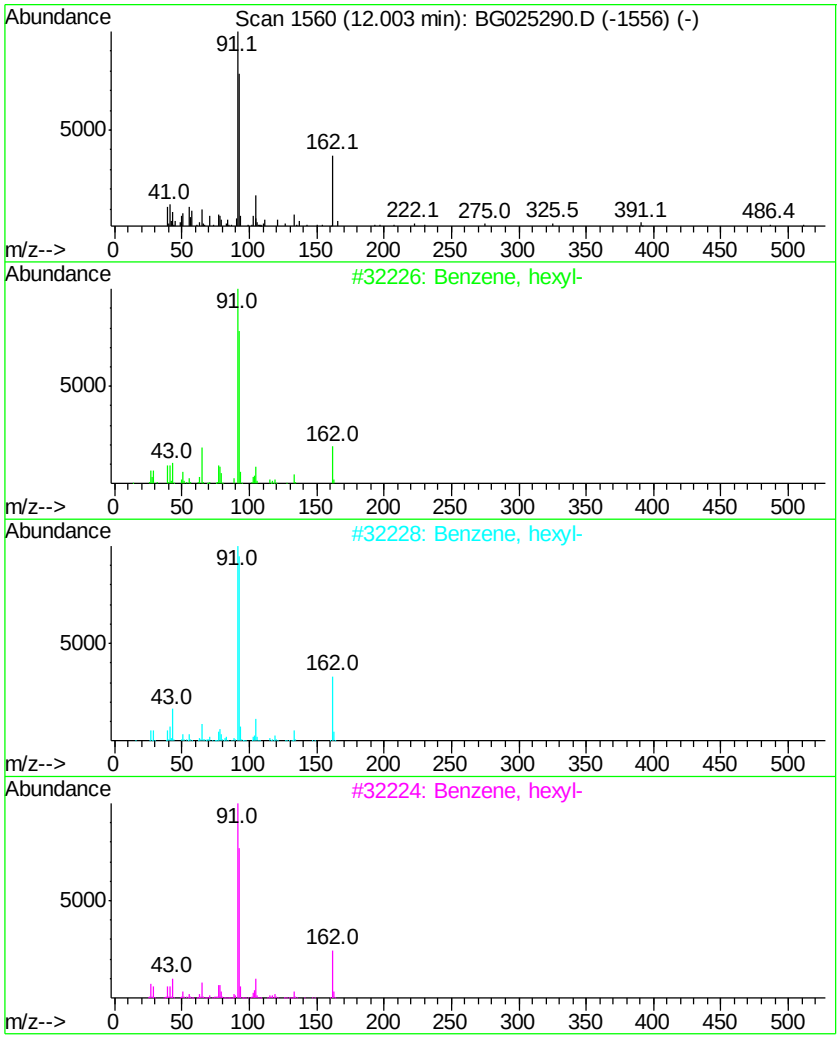
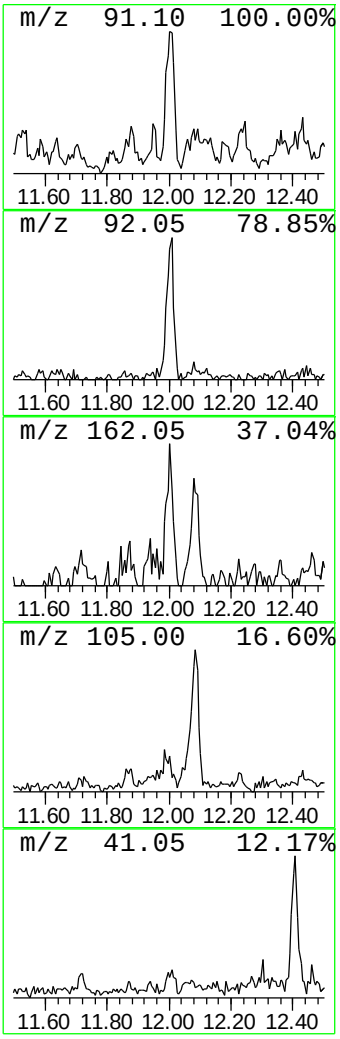
Peak Number 23 Benzene, hexyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.83 ng/ul	83943	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, hexyl-	162	C12H18	001077-16-3	80
2	Benzene, hexyl-	162	C12H18	001077-16-3	80
3	Benzene, hexyl-	162	C12H18	001077-16-3	72
4	Benzene, hexyl-	162	C12H18	001077-16-3	64
5	Toluene	92	C7H8	000108-88-3	58





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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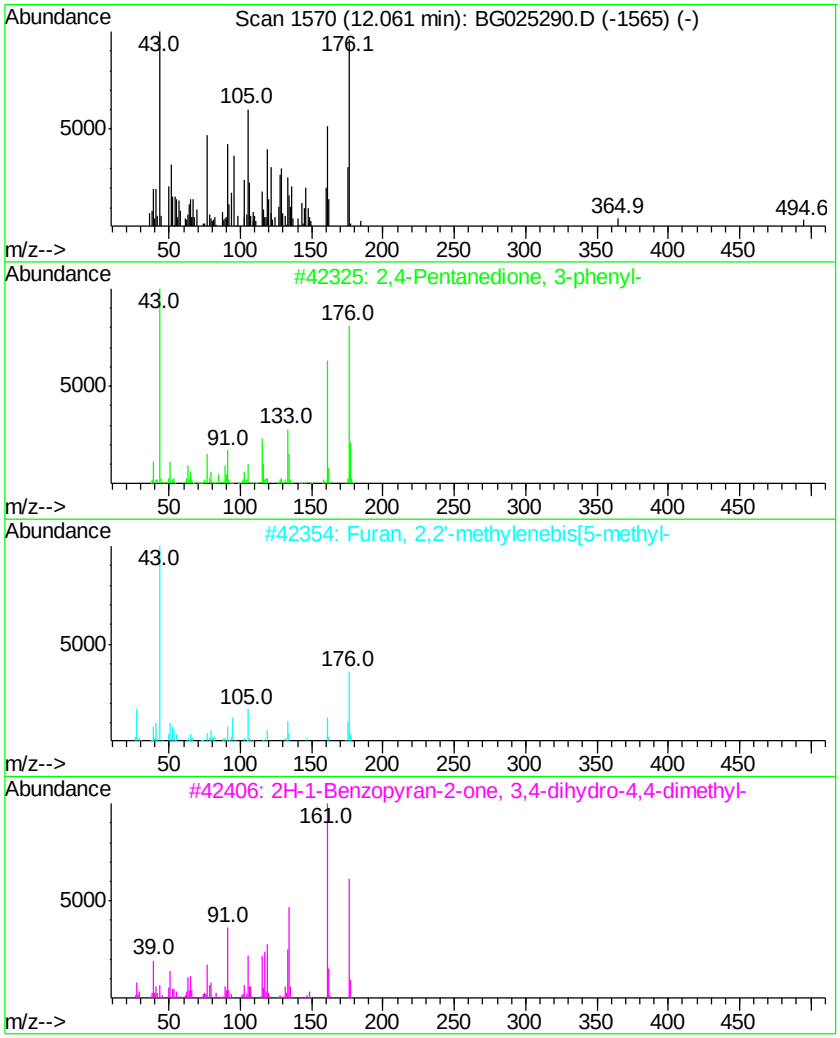
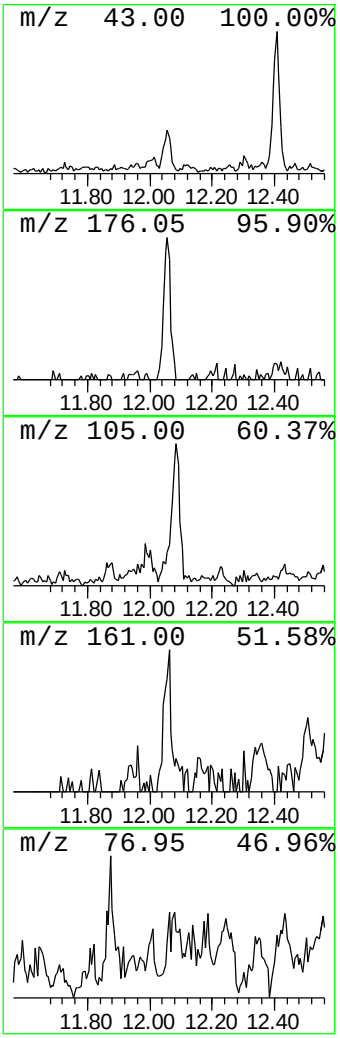
Peak Number 24 2,4-Pentanedione, 3-phenyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.79 ng/ul	82711	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Pentanedione, 3-phenyl-	176	C11H12O2	005910-25-8	50
2	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	50
3	2H-1-Benzopyran-2-one, 3,4-dihyd...	176	C11H12O2	029598-22-9	49
4	4-Methylbenzoylacetone	176	C11H12O2	004023-79-4	38
5	Megastigma-4,6(Z),8(E)-triene	176	C13H20	051468-85-0	38





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : DA824DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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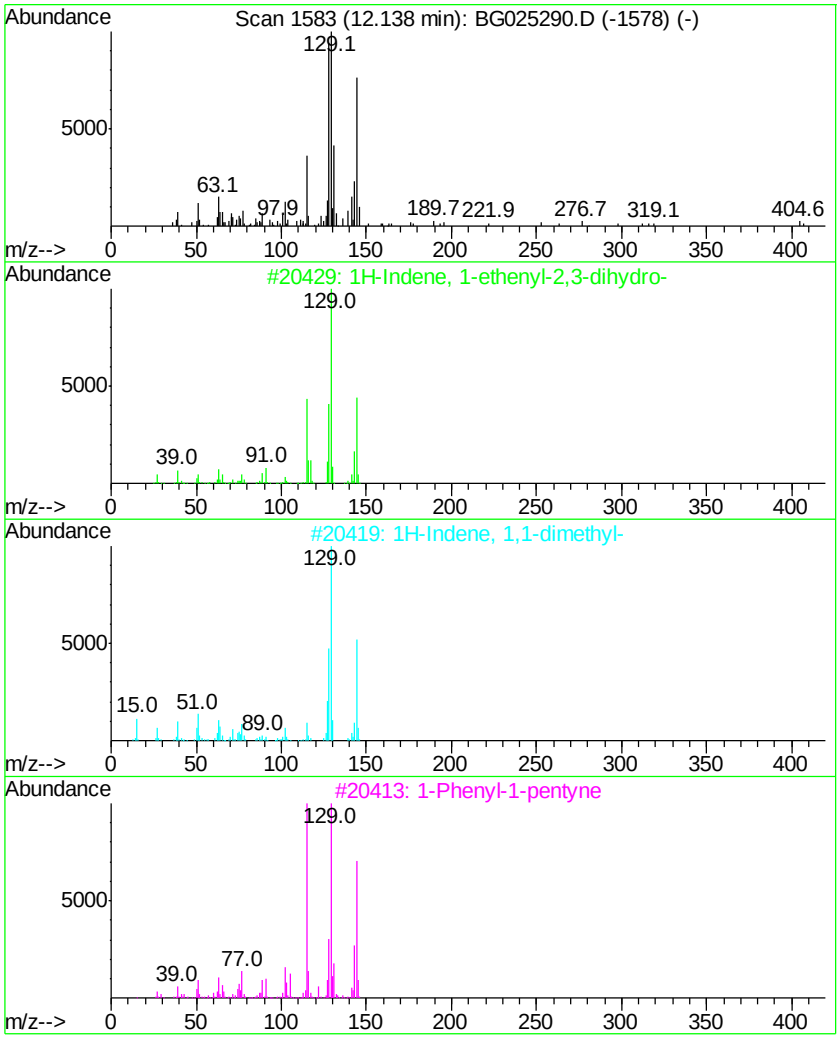
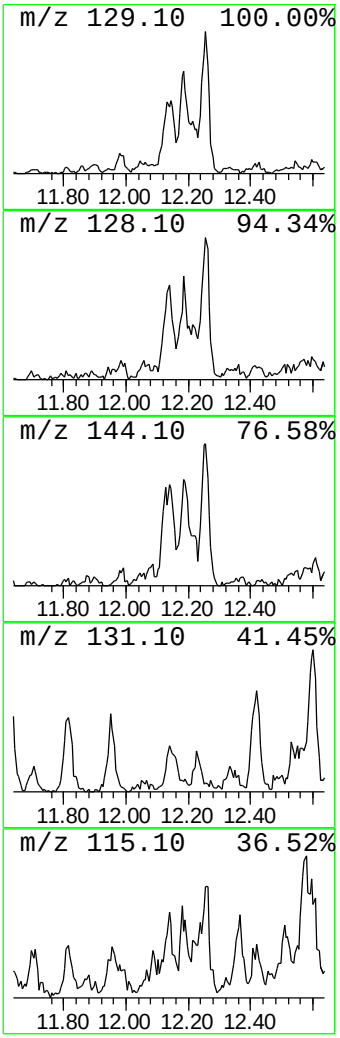
Peak Number 25 1H-Indene, 1-ethenyl-2,3-di... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.97 ng/ul	117680	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	58
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	52
3	1-Phenyl-1-pentyne	144	C11H12	004250-81-1	50
4	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	49
5	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	46





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Misc :
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Instrument : BNA_G
ClientSampleId : DA824DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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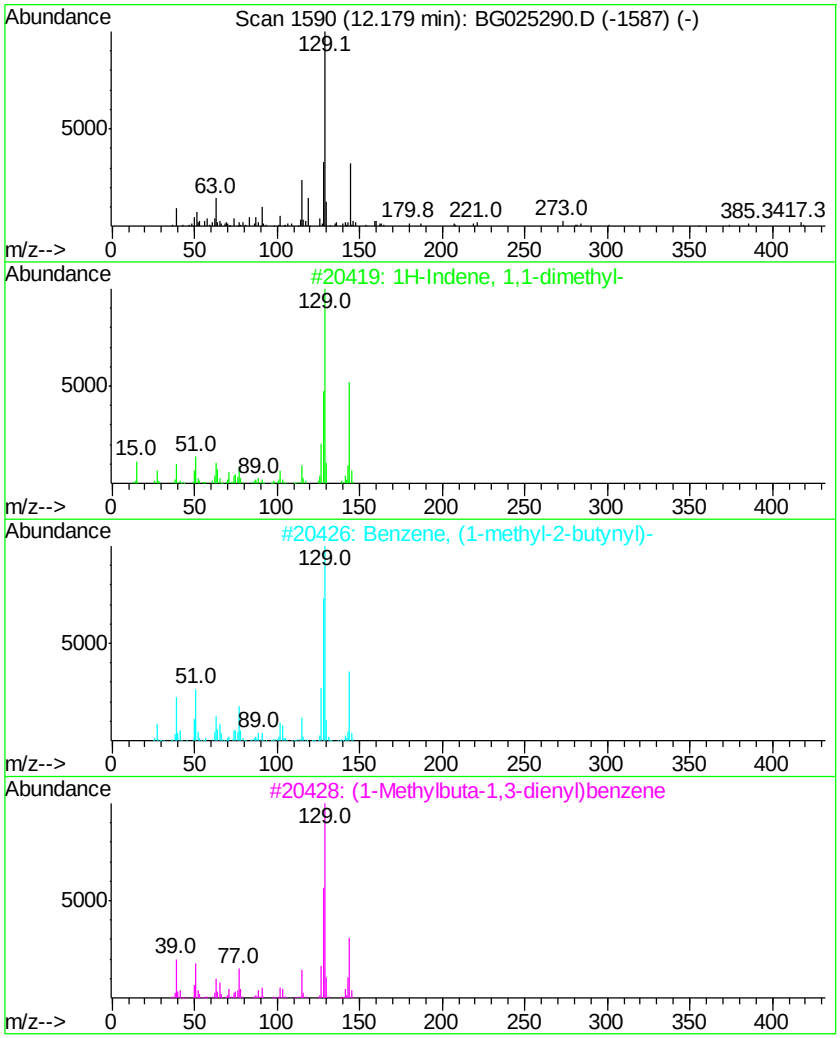
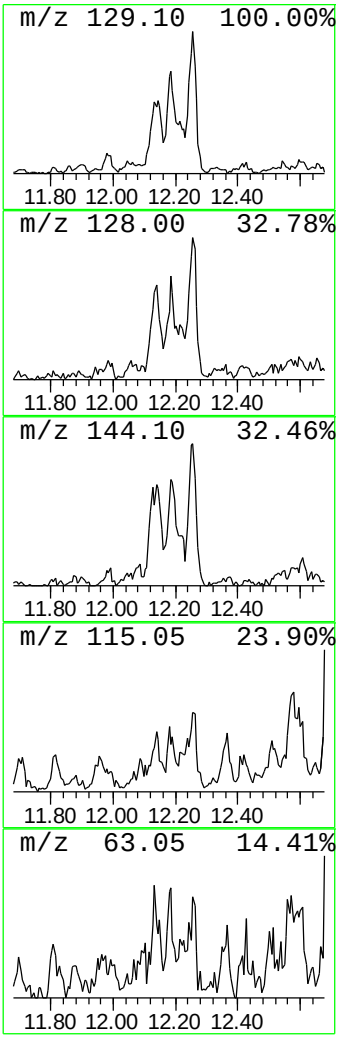
Peak Number 26 1H-Indene, 1,1-dimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.46 ng/ul	73045	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
2	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	87
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	83
5	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	83





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Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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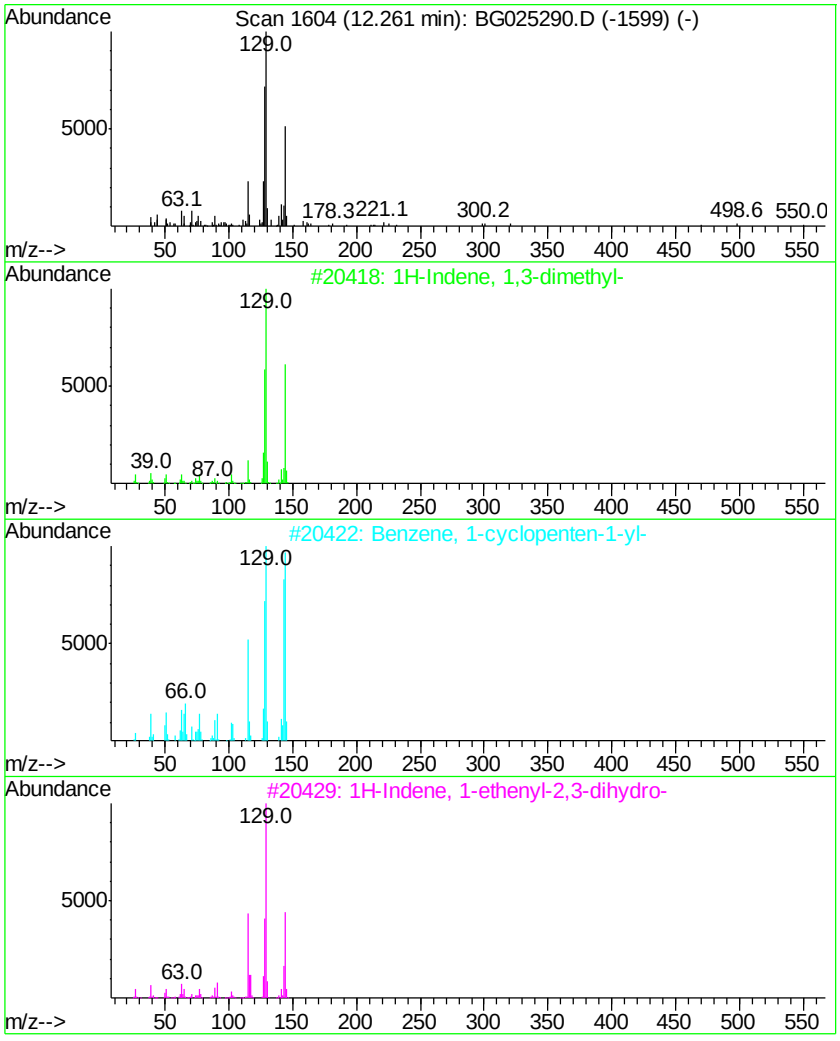
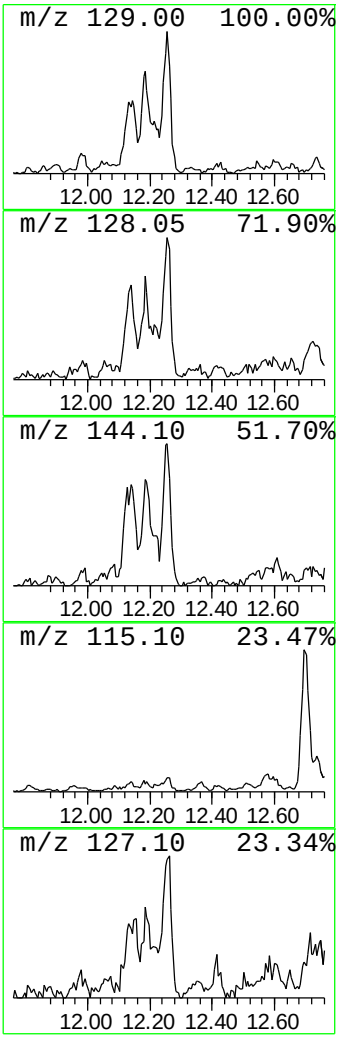
Peak Number 27 1H-Indene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	7.27 ng/ul	215483	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	90
2	Benzene, 1-cyclopenten-1-yl-	144	C11H12	000825-54-7	86
3	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	83
4	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	72
5	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	72





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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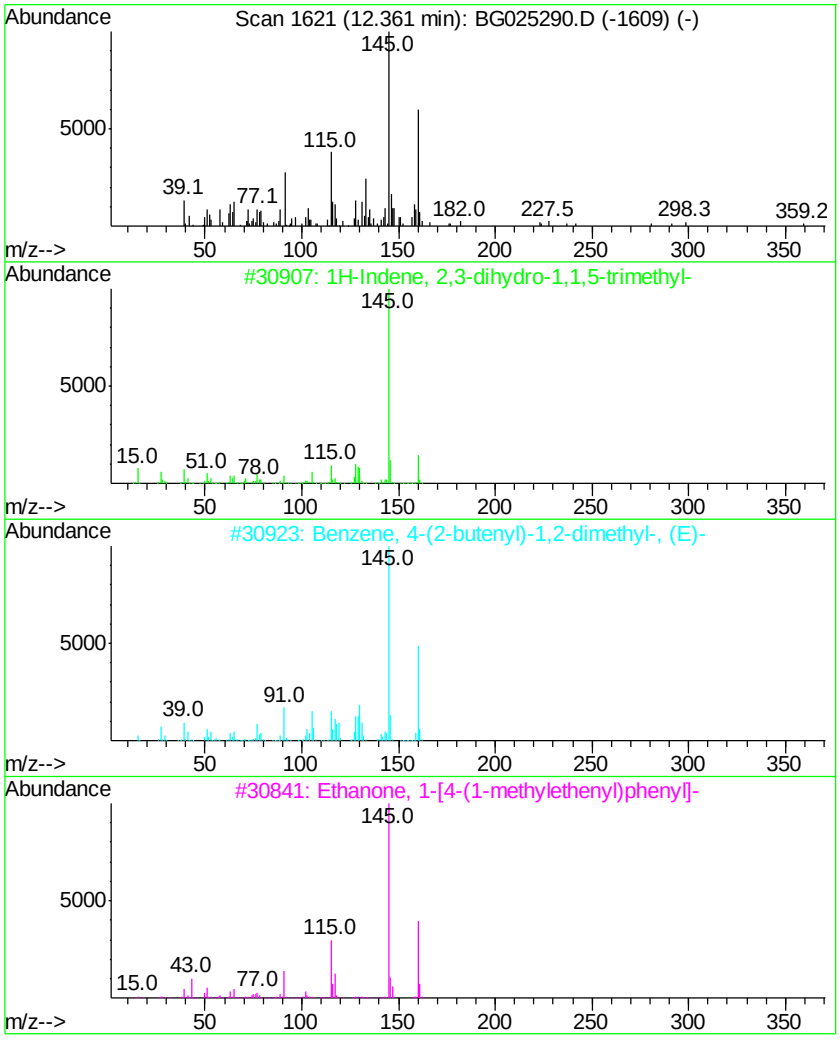
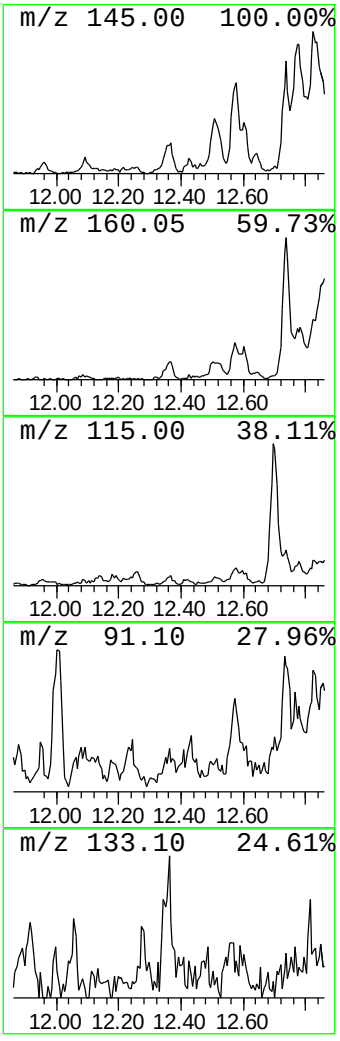
Peak Number 28 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	4.90 ng/ul	145378	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	81
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	58





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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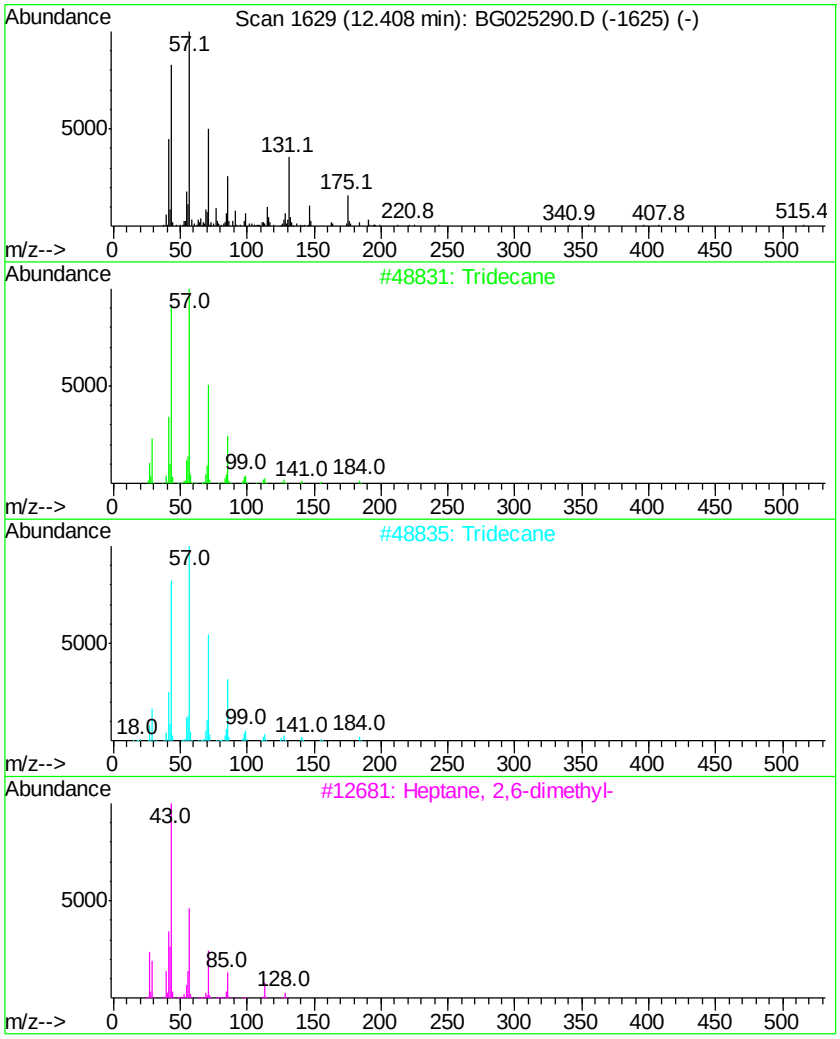
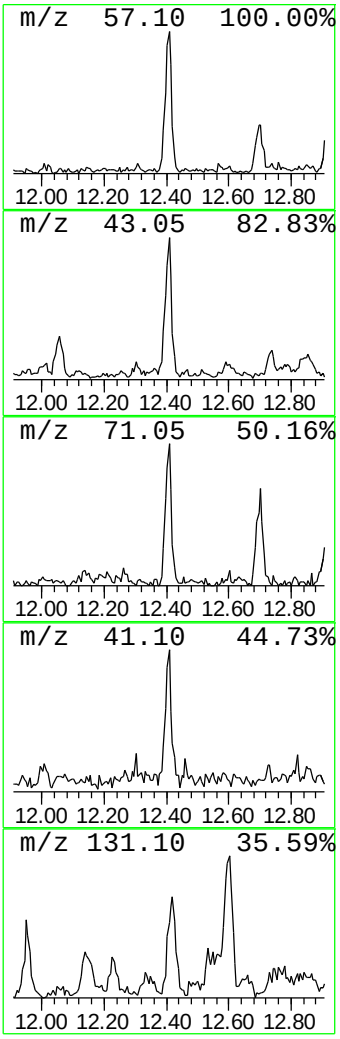
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	7.79 ng/ul	230941	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tridecane	184	C13H28	000629-50-5	53
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	47
4	Hexadecane	226	C16H34	000544-76-3	47
5	Heptacosane	380	C27H56	000593-49-7	47





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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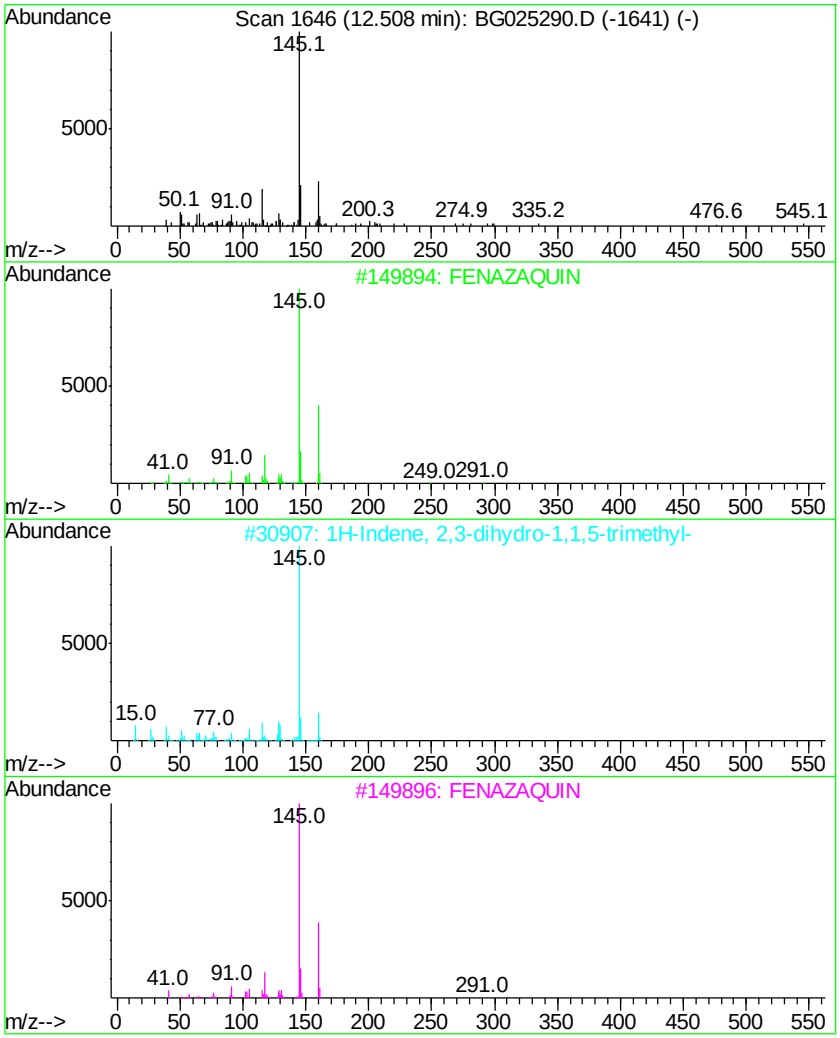
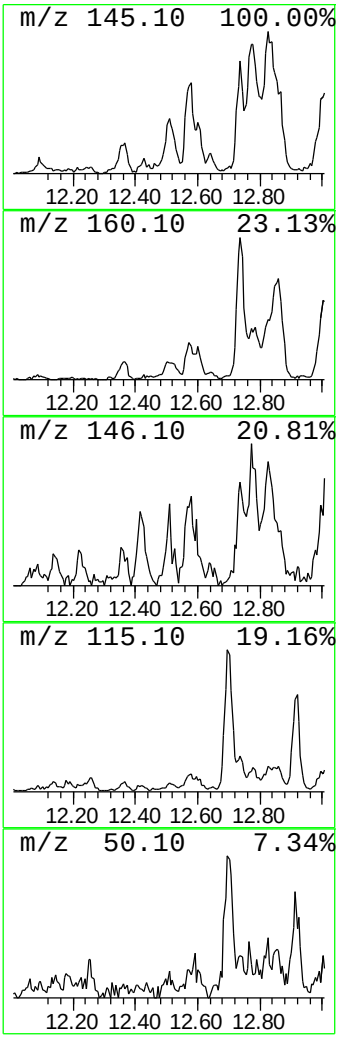
Peak Number 30 FENAZAQUIN Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.21 ng/ul	95075	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	FENAZAQUIN	306	C20H22N2O	120928-09-8	64
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	59
3	FENAZAQUIN	306	C20H22N2O	120928-09-8	53
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	53
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

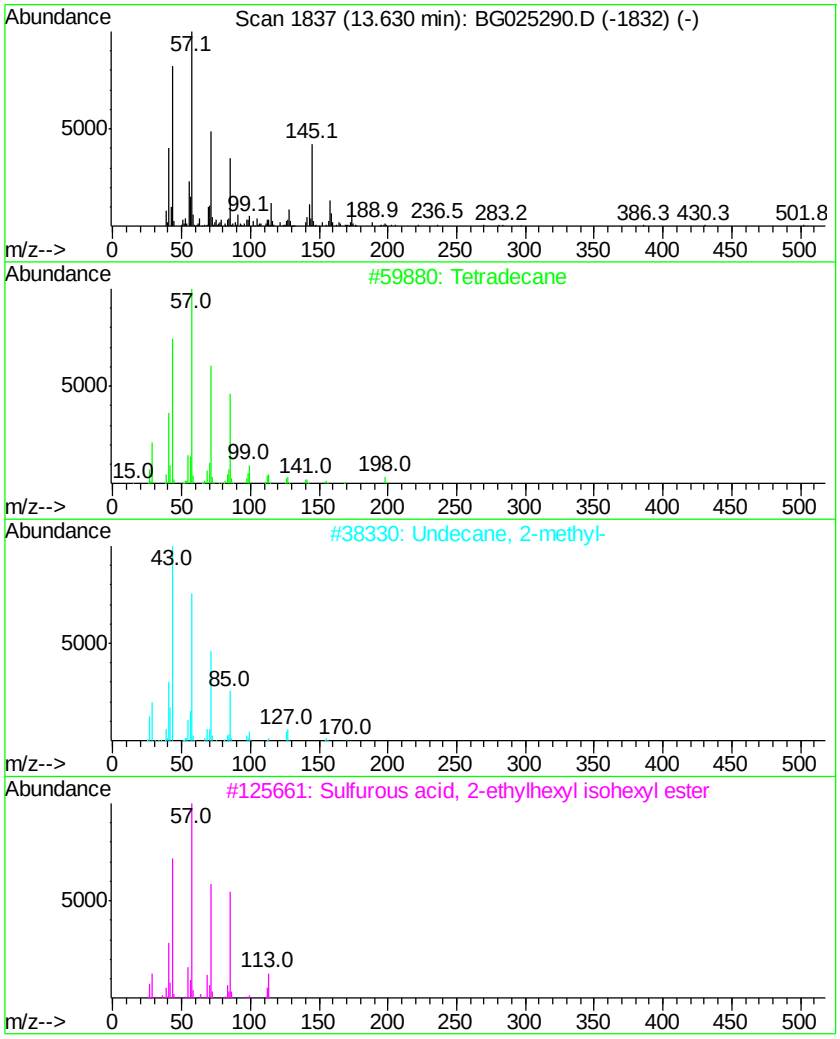
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

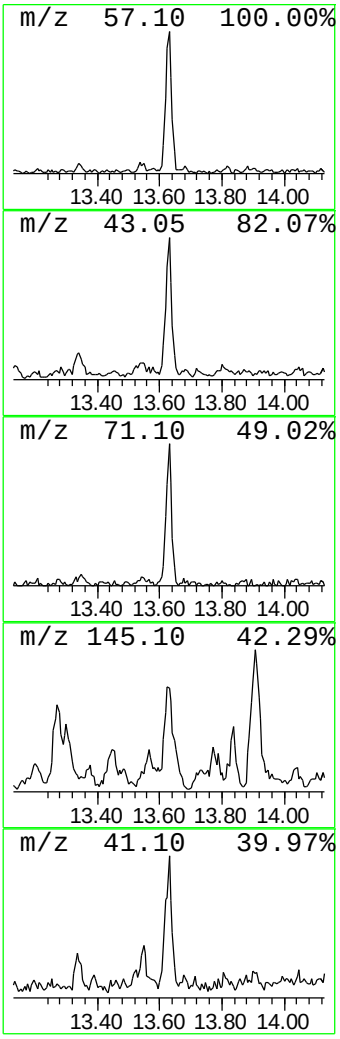
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	6.71 ng/ul	359558	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	50
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	43
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43
4	Hexadecane	226	C16H34	000544-76-3	43
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43





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Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

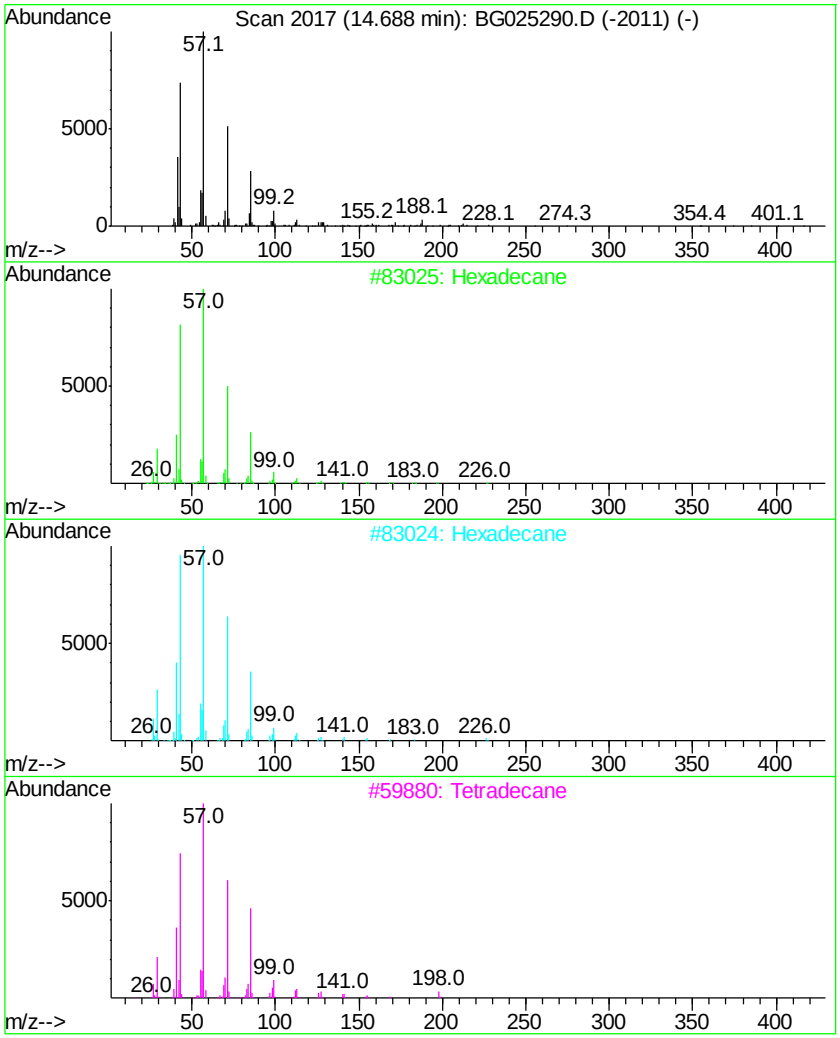
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

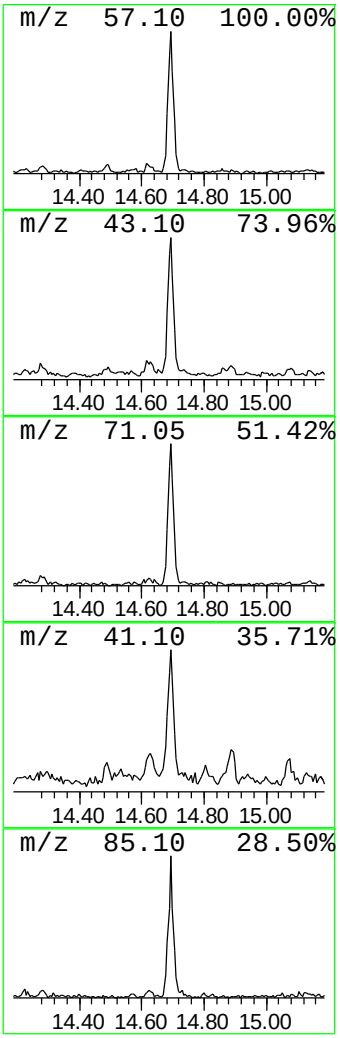
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	8.50 ng/ul	455606	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tetradecane	198	C14H30	000629-59-4	72
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

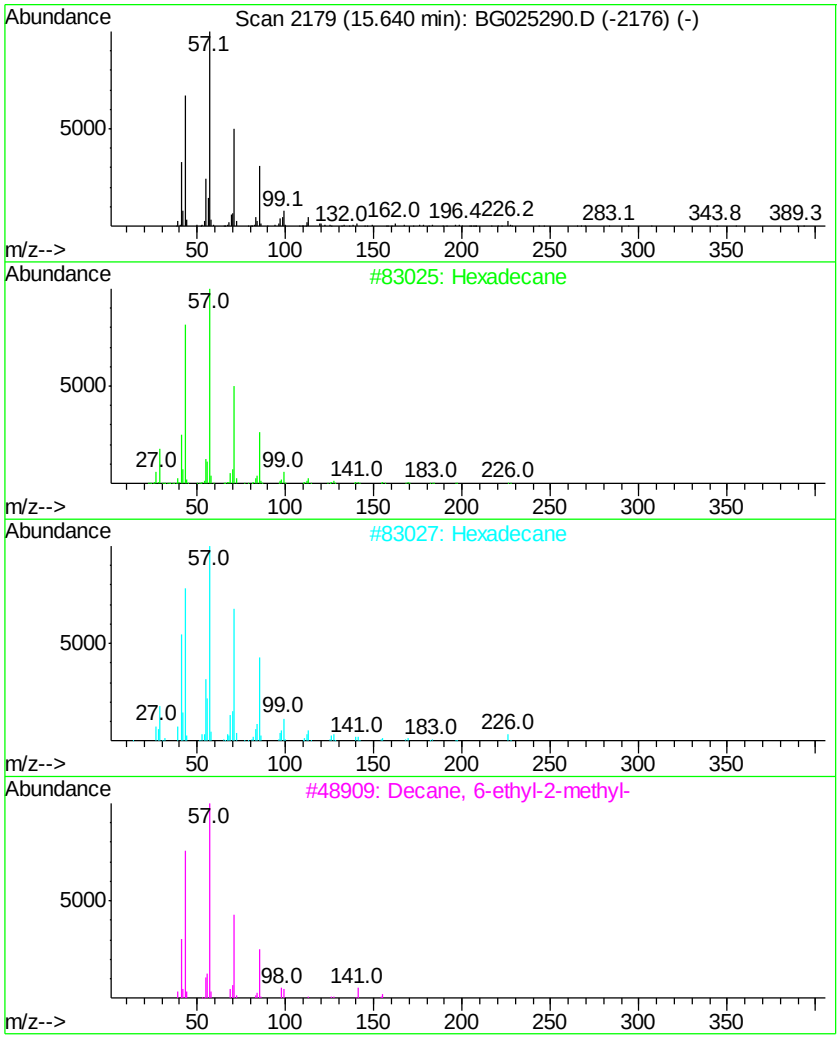
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

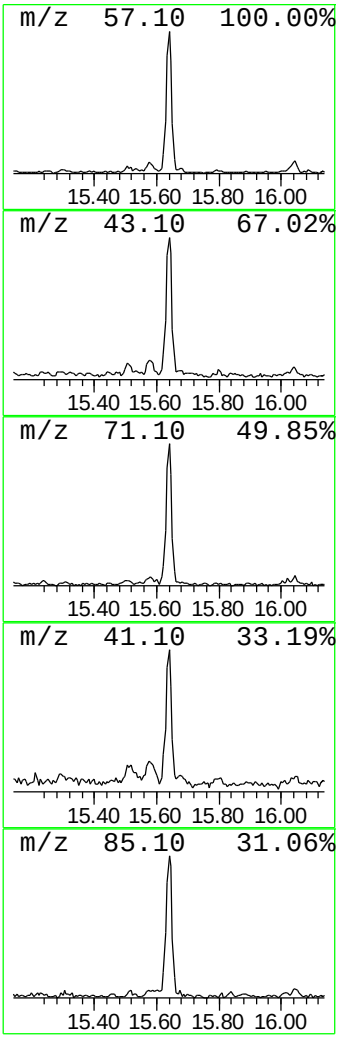
****

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	12.85 ng/ul	689044	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Hexadecane	226	C16H34	000544-76-3	80
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	80
4	Heptacosane	380	C27H56	000593-49-7	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

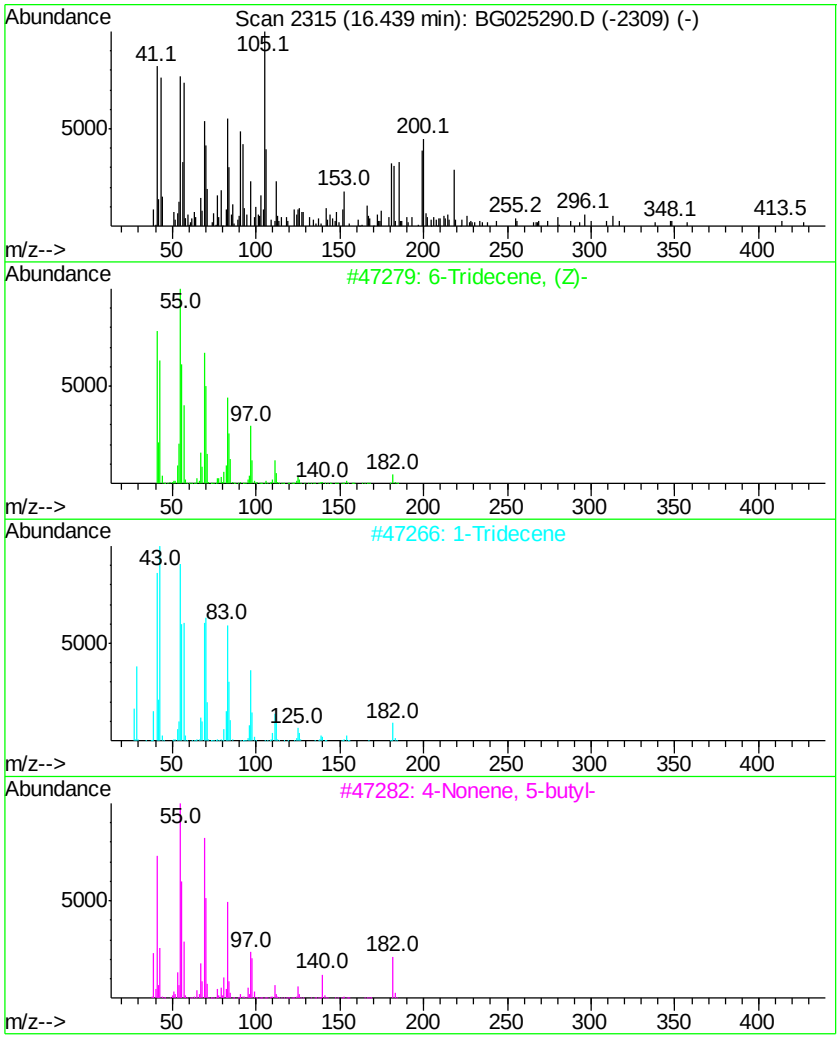
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

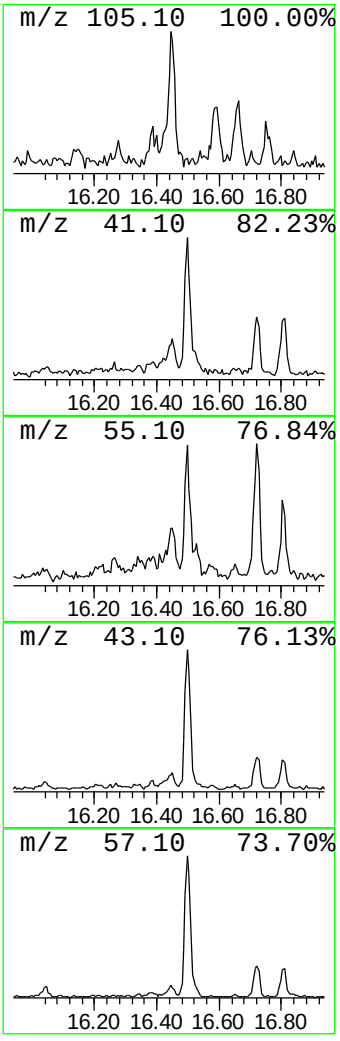
****

Peak Number 57 (DEL) Alkane: Cyclic16.44 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	4.75 ng/ul	270924	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, (Z)-	182	C13H26	006508-77-6	60
2	1-Tridecene	182	C13H26	002437-56-1	35
3	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	35
4	7-Tetradecene, (E)-	196	C14H28	041446-63-3	30
5	5-Tetradecene, (E)-	196	C14H28	041446-66-6	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

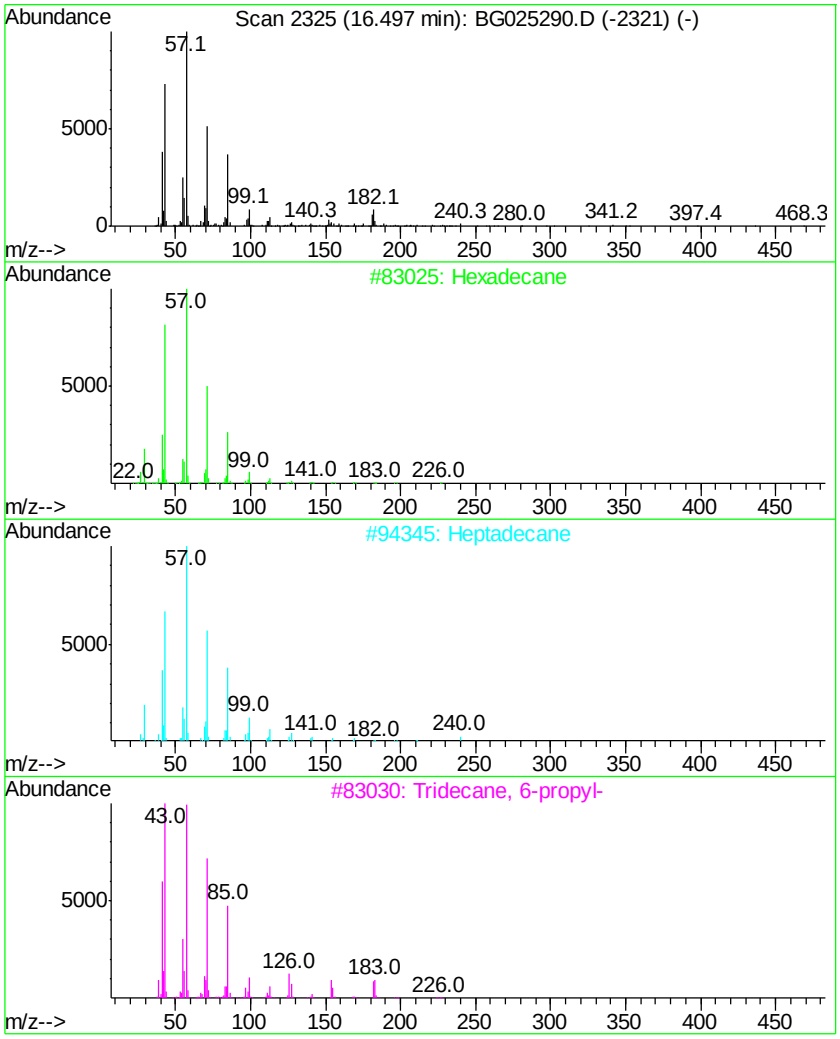
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

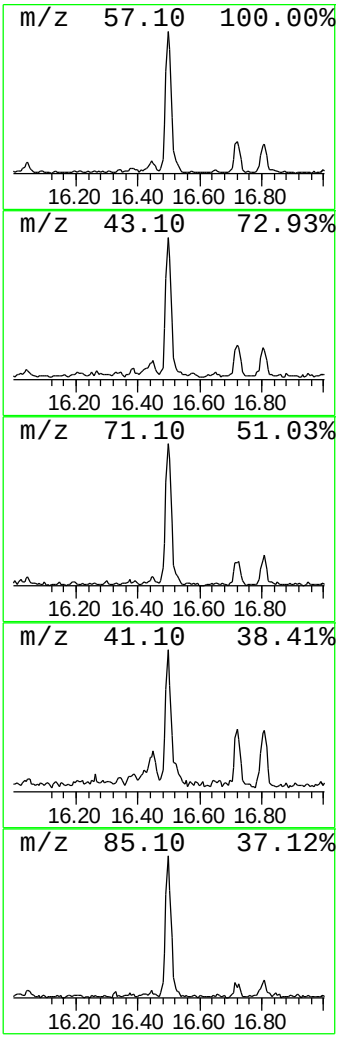
****

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	10.86 ng/ul	619710	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	76
4	Hexadecane	226	C16H34	000544-76-3	76
5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

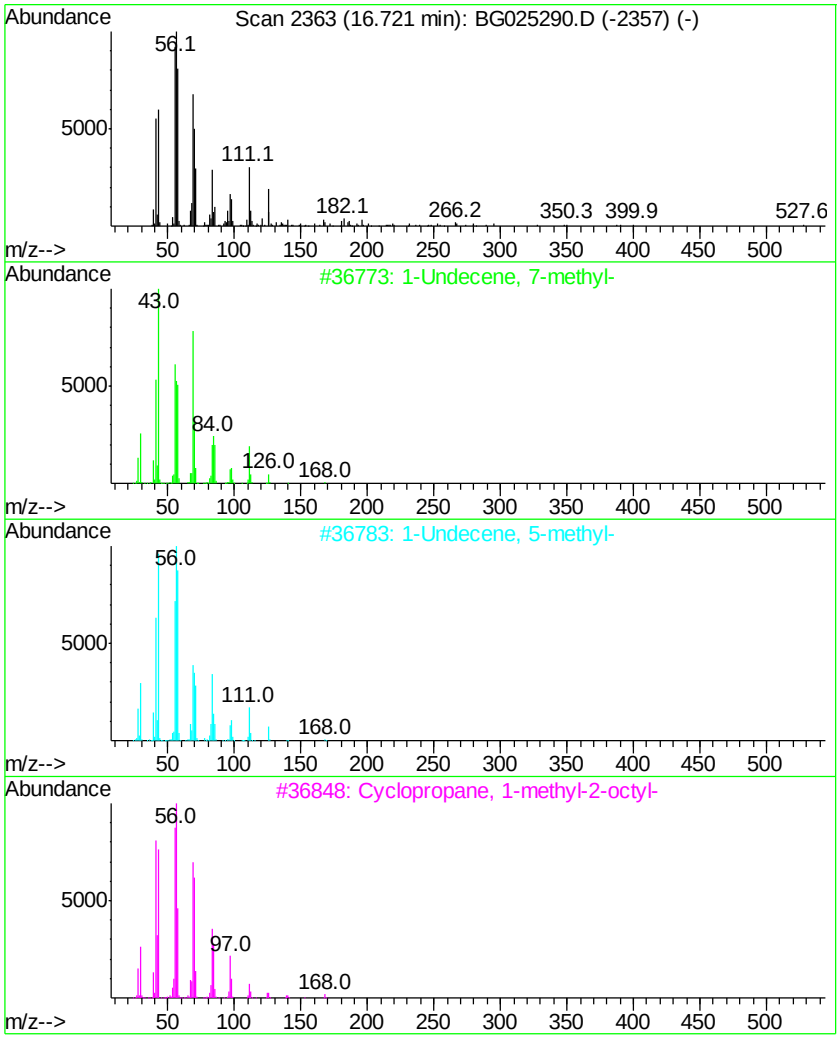
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

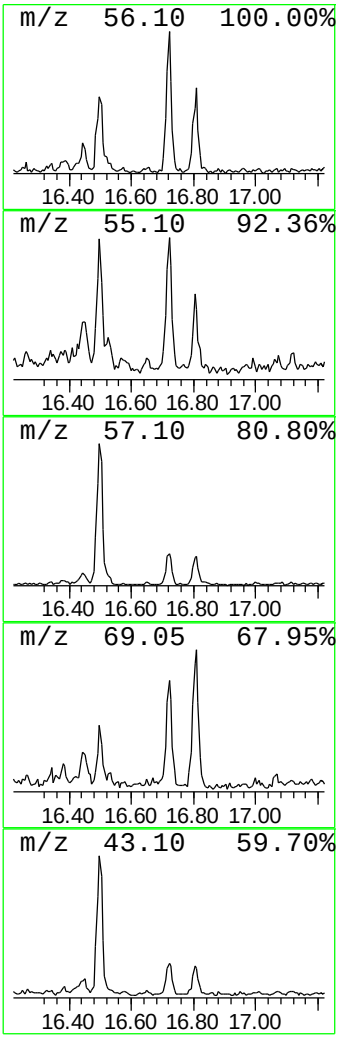
****

Peak Number 59 (DEL) Alkane: Cyclic16.72 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	6.31 ng/ul	360259	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	83
2	1-Undecene, 5-methyl-	168	C12H24	074630-38-9	81
3	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	76
4	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	74
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

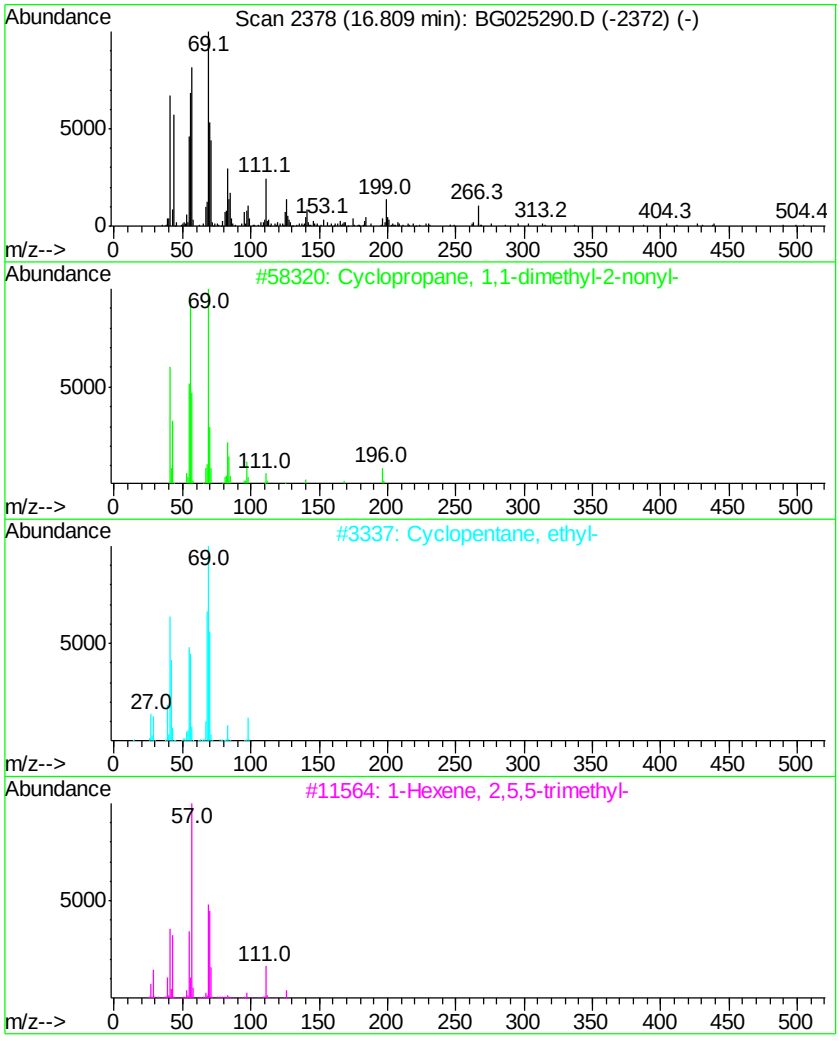
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

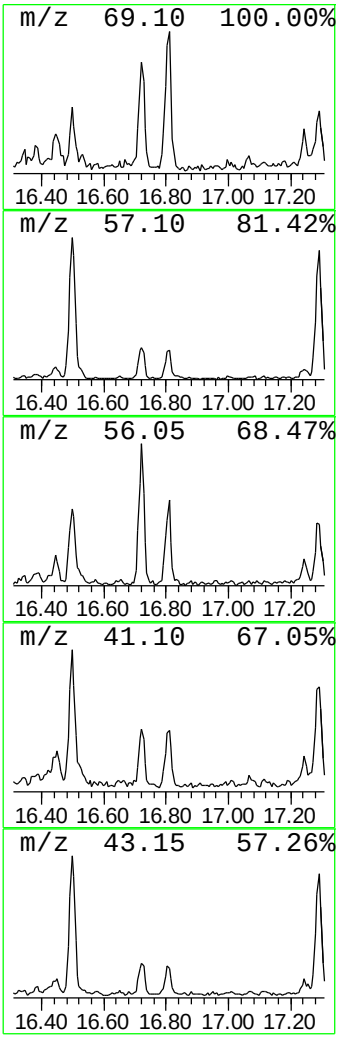
****

Peak Number 60 (DEL) Alkane: Cyclic16.81 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	5.48 ng/ul	312395	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	53
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	52
3	1-Hexene, 2,5,5-trimethyl-	126	C9H18	062185-56-2	46
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	43
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43





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Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

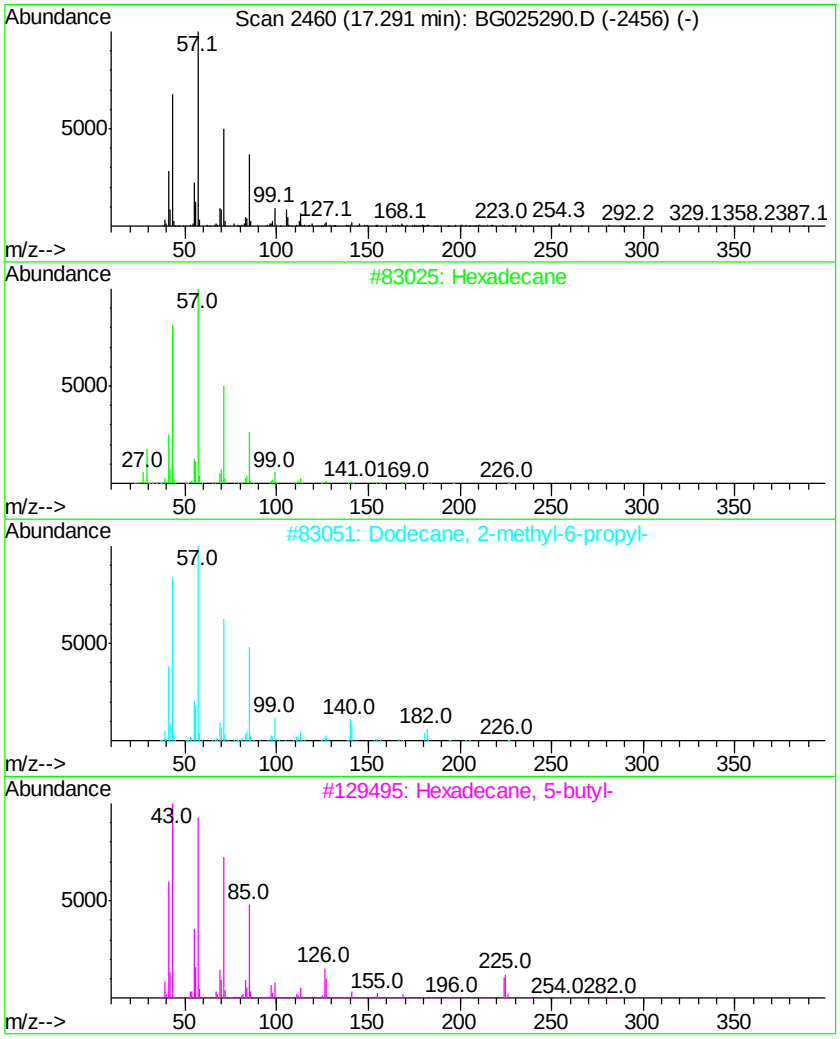
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

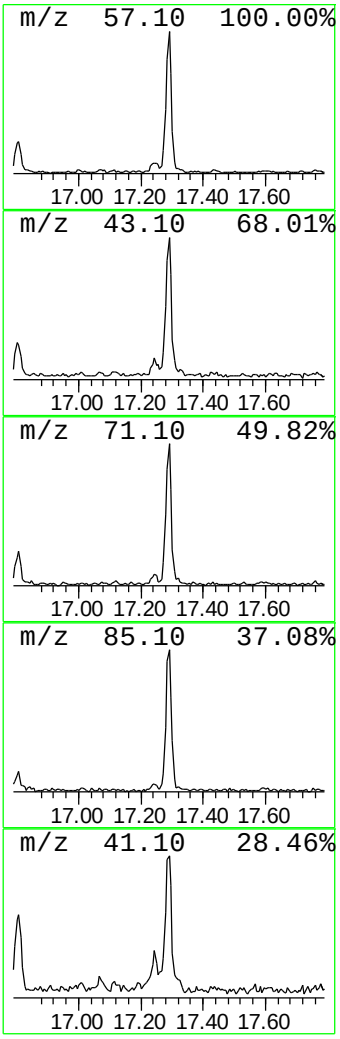
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	11.13 ng/ul	635234	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
3	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	72
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

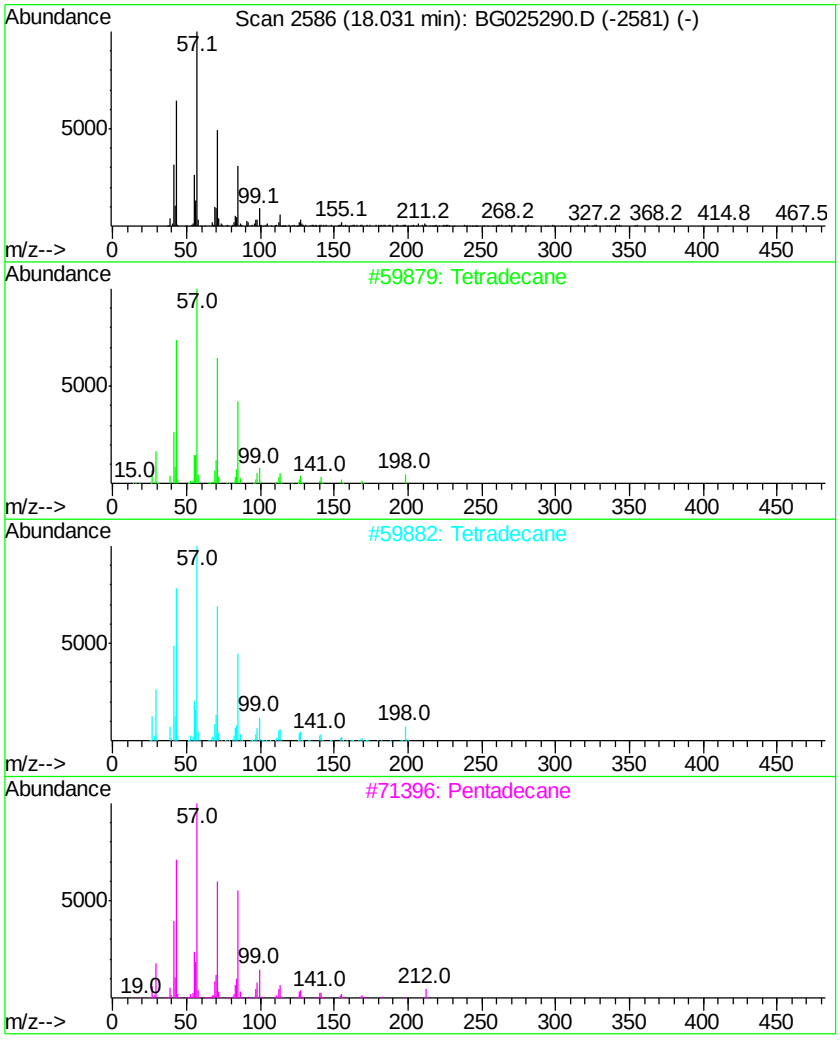
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

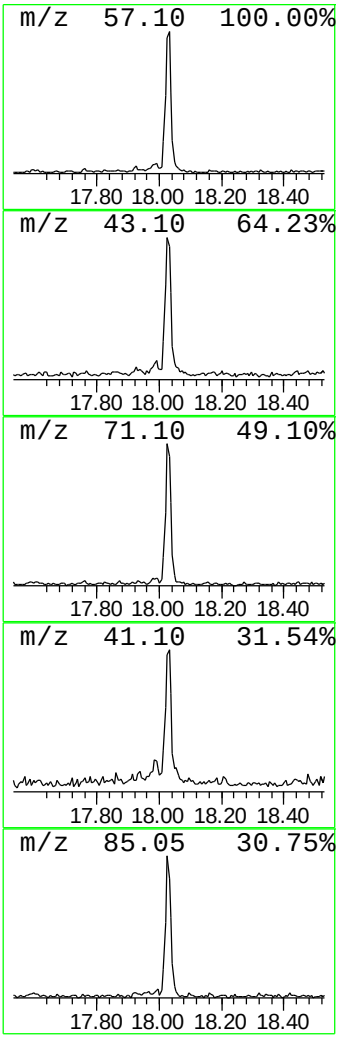
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	9.95 ng/ul	567756	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane	212	C15H32	000629-62-9	78
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	78
5	Hexadecane	226	C16H34	000544-76-3	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

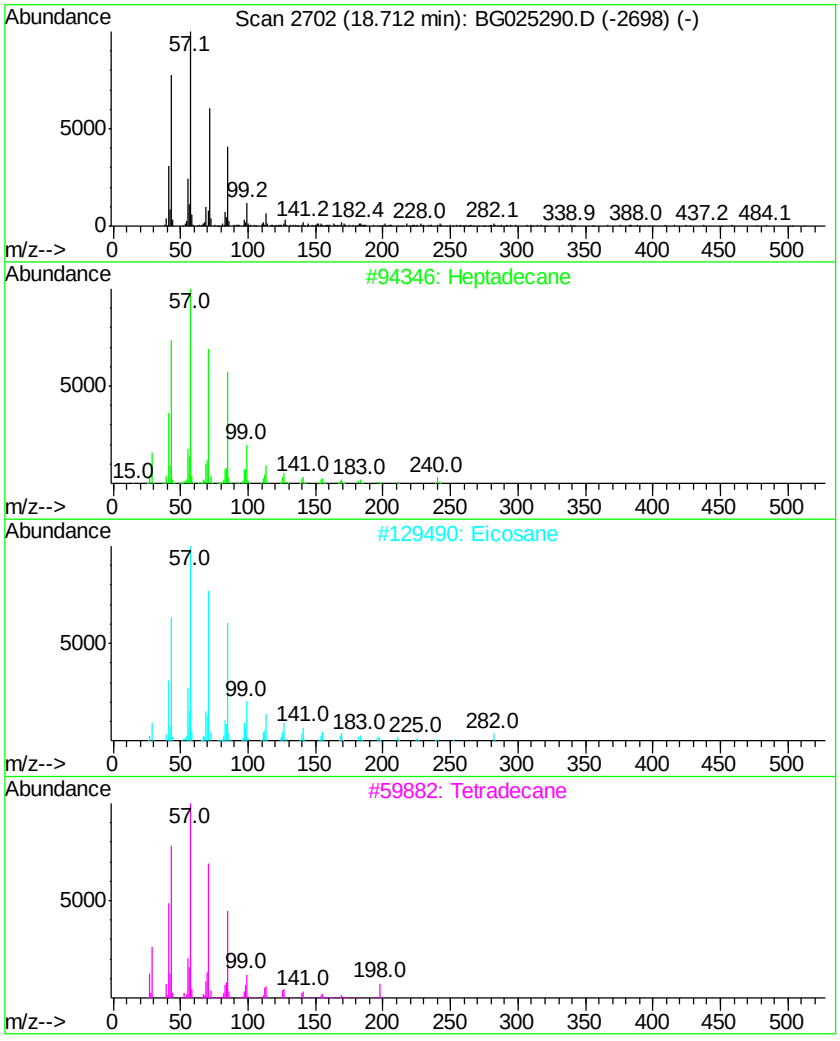
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

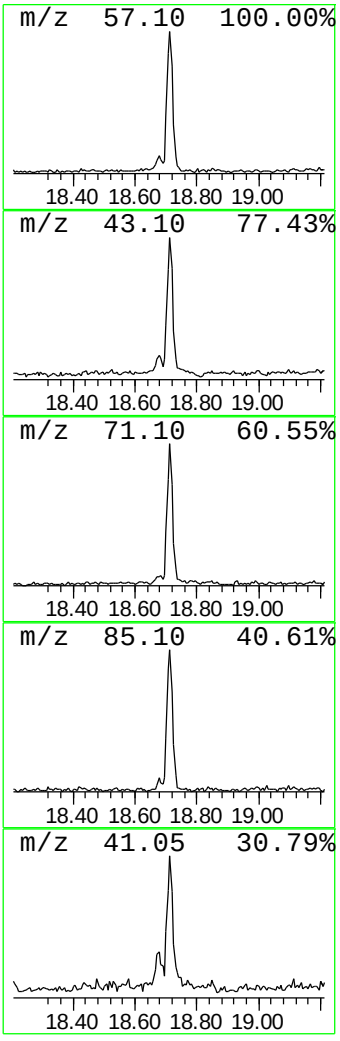
****

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	7.88 ng/ul	449443	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Tetradecane	198	C14H30	000629-59-4	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

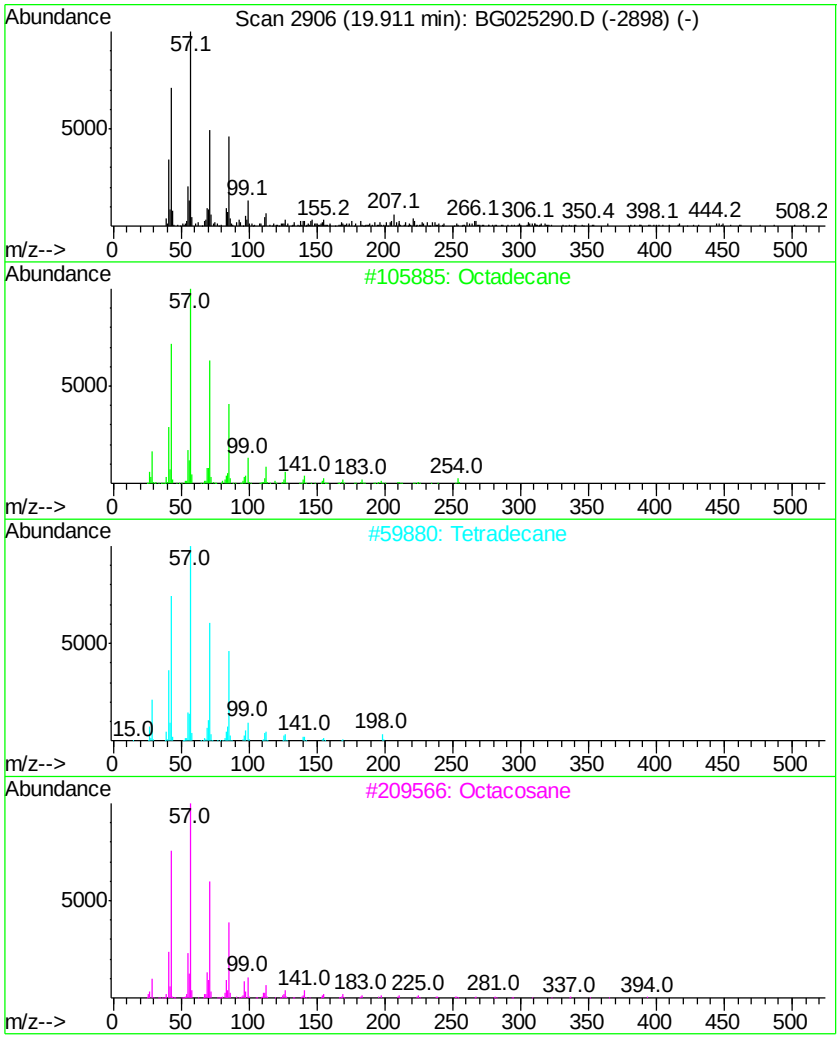
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

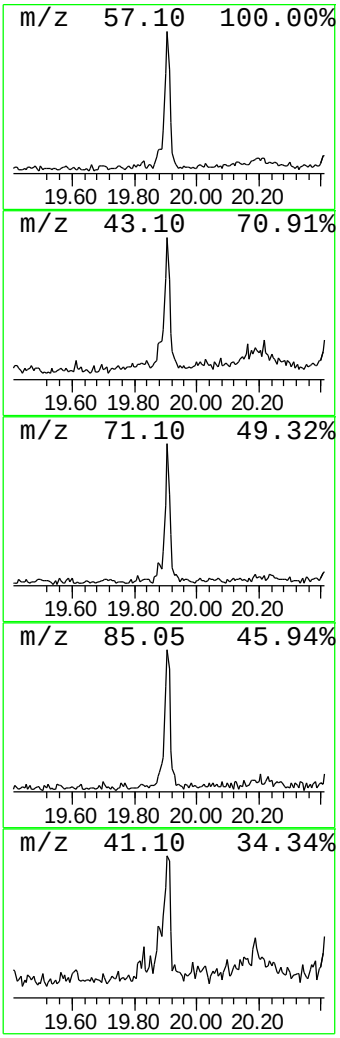
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	4.61 ng/ul	336365	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Tetradecane	198	C14H30	000629-59-4	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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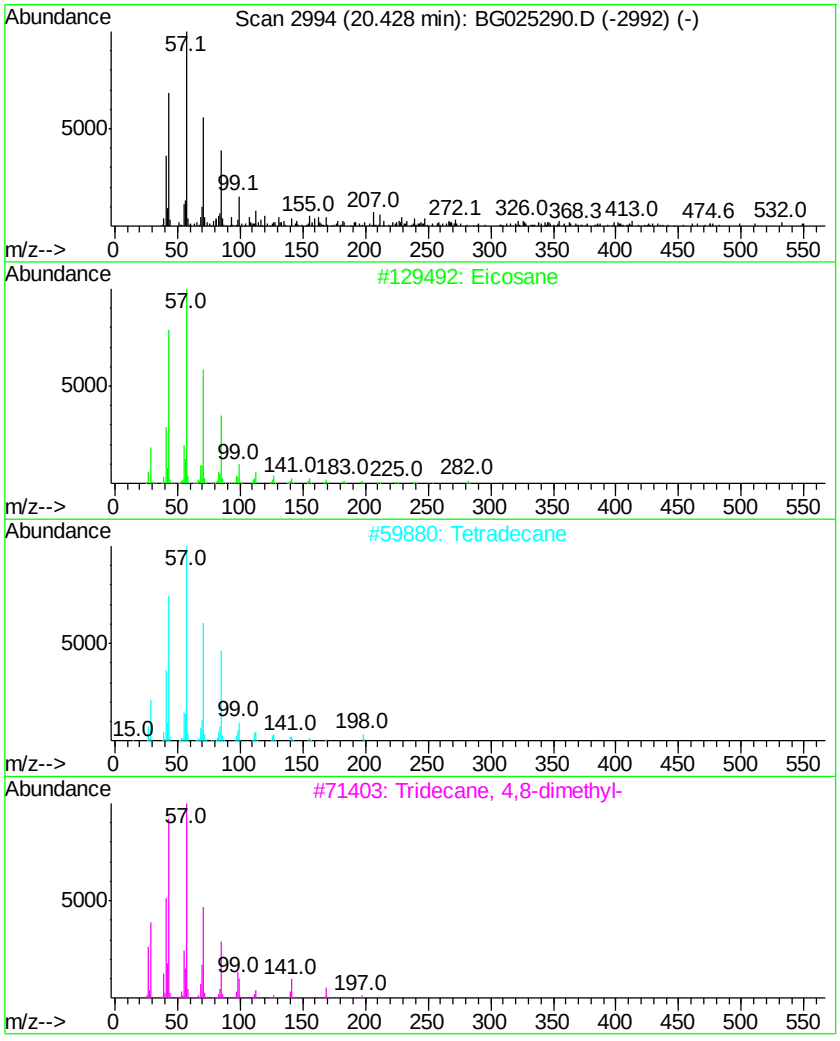
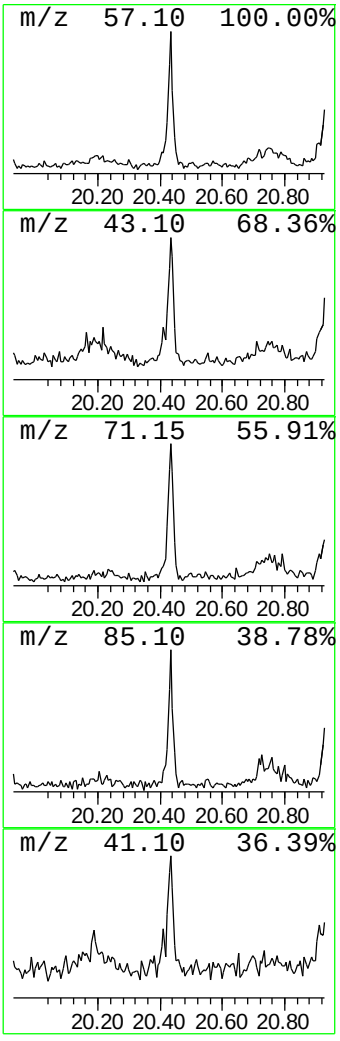
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.87 ng/ul	209731	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	70
2	Tetradecane	198	C14H30	000629-59-4	64
3	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	64
4	Octadecane	254	C18H38	000593-45-3	59
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025290.D
Acq On : 18 Dec 2016 1:24
Operator : UM/SJ
Sample : H5938-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA824DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Cyclohexene, 1-...	6.20	3.6	ng/ul	87277	1	8.23	479217	20.0
Benzene, 1-ethyl-...	7.30	4.1	ng/ul	98183	1	8.23	479217	20.0
Mesitylene	7.86	7.0	ng/ul	167636	1	8.23	479217	20.0
Indene	8.77	3.1	ng/ul	74658	1	8.23	479217	20.0
Benzene, 1-ethyl-...	8.85	5.2	ng/ul	125292	1	8.23	479217	20.0
Benzene, 2-ethyl-...	9.33	3.2	ng/ul	76494	1	8.23	479217	20.0
Benzofuran, 7-met...	9.59	3.3	ng/ul	80074	1	8.23	479217	20.0
1H-Indazole, 3-me...	9.71	6.6	ng/ul	194445	2	11.06	592830	20.0
Benzofuran, 2-met...	9.78	10.3	ng/ul	304972	2	11.06	592830	20.0
Benzene, 2-etheny...	10.29	2.5	ng/ul	74368	2	11.06	592830	20.0
1H-Indene, 3-methyl-	10.46	10.4	ng/ul	309338	2	11.06	592830	20.0
1,4-Dihydronaphth...	10.56	4.1	ng/ul	122471	2	11.06	592830	20.0
unknown-01	10.89	2.4	ng/ul	71345	2	11.06	592830	20.0
(DEL) Alkane: Str...	10.97	5.5	ng/ul	162785	2	11.06	592830	20.0
1H-Indazole, 3,6-...	11.29	22.2	ng/ul	658694	2	11.06	592830	20.0
2-Propenal, 2-met...	11.42	14.2	ng/ul	419791	2	11.06	592830	20.0
1H-Benzimidazole,...	11.46	29.7	ng/ul	879454	2	11.06	592830	20.0
1H-Benzimidazole,...	11.53	8.4	ng/ul	250295	2	11.06	592830	20.0
unknown-02	11.71	2.8	ng/ul	81539	2	11.06	592830	20.0
Benzene, (1-methy...	11.81	3.4	ng/ul	100676	2	11.06	592830	20.0
Benzene, hexyl-	12.00	2.8	ng/ul	83943	2	11.06	592830	20.0
2,4-Pentanedione,...	12.06	2.8	ng/ul	82711	2	11.06	592830	20.0
1H-Indene, 1-ethe...	12.14	4.0	ng/ul	117680	2	11.06	592830	20.0
1H-Indene, 1,1-di...	12.18	2.5	ng/ul	73045	2	11.06	592830	20.0
1H-Indene, 1,3-di...	12.26	7.3	ng/ul	215483	2	11.06	592830	20.0
1H-Indene, 2,3-di...	12.36	4.9	ng/ul	145378	2	11.06	592830	20.0
(DEL) Alkane: Str...	12.41	7.8	ng/ul	230941	2	11.06	592830	20.0
FENAZAQUIN	12.51	3.2	ng/ul	95075	2	11.06	592830	20.0
(DEL) Alkane: Str...	13.63	6.7	ng/ul	359558	3	14.85	1072310	20.0
(DEL) Alkane: Str...	14.69	8.5	ng/ul	455606	3	14.85	1072310	20.0
(DEL) Alkane: Str...	15.64	12.9	ng/ul	689044	3	14.85	1072310	20.0
(DEL) Alkane: Cyc...	16.44	4.8	ng/ul	270924	4	17.60	1141030	20.0
(DEL) Alkane: Str...	16.50	10.9	ng/ul	619710	4	17.60	1141030	20.0
(DEL) Alkane: Cyc...	16.72	6.3	ng/ul	360259	4	17.60	1141030	20.0
(DEL) Alkane: Cyc...	16.81	5.5	ng/ul	312395	4	17.60	1141030	20.0
(DEL) Alkane: Str...	17.29	11.1	ng/ul	635234	4	17.60	1141030	20.0
(DEL) Alkane: Str...	18.03	9.9	ng/ul	567756	4	17.60	1141030	20.0
(DEL) Alkane: Str...	18.71	7.9	ng/ul	449443	4	17.60	1141030	20.0
(DEL) Alkane: Str...	19.91	4.6	ng/ul	336365	5	21.90	1459320	20.0
(DEL) Alkane: Str...	20.43	2.9	ng/ul	209731	5	21.90	1459320	20.0