LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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	6.718	653	660	671	rVB3	22104	42673	5.78%	0.271%
2	7.223	738	746	755	rBV	85265	153079	20.72%	0.972%
3	7.646	813	818	823	rVB2	22403	35515	4.81%	0.226%
4	7.723	825	831	837	rVB3	30138	53860	7.29%	0.342%
5	7.999	872	878	885	rBV	77375	145444	19.69%	0.924%
6	8.281	920	926	936	rVB2	46332	102904	13.93%	0.653%
7	8.469	950	958	964	rBV	213121	360338	48.78%	2.288%
8	8.533	964	969	976	rVB2	20016	36625	4.96%	0.233%
9	8.657	976	990	999	rBV3	43449	100387	13.59%	0.637%
10	8.810	1007	1016	1028	rVB	369731	738743	100.00%	4.691%
11	8.945	1032	1039	1046	rBV	13908	41435	5.61%	0.263%
12	9.103	1056	1066	1074	rBV	140807	297681	40.30%	1.890%
13	9.291	1092	1098	1104	rBV2	31490	63051	8.53%	0.400%
14	9.356	1104	1109	1115	rVB5	20757	41692	5.64%	0.265%
15	9.438	1115	1123	1127	rBV	91050	184832	25.02%	1.174%
16	9.544	1135	1141	1150	rVB	79996	146792	19.87%	0.932%
17	9.791	1173	1183	1189	rVB3	67894	138976	18.81%	0.883%
18	9.914	1195	1204	1211	rBV9	24576	68118	9.22%	0.433%
19	10.002	1211	1219	1221	rVV	191330	334538	45.28%	2.124%
20	10.032	1221	1224	1233	rVV2	202703	360586	48.81%	2.290%
21	10.214	1248	1255	1257	rVV4	36793	77584	10.50%	0.493%
22	10.278	1258	1266	1269	rVV	174174	423717	57.36%	2.691%
23	10.314	1269	1272	1278	rVV	193970	306827	41.53%	1.948%
24	10.372	1278	1282	1288	rVV5	16124	35175	4.76%	0.223%
25	10.461	1288	1297	1302	rVV	85278	177797	24.07%	1.129%
26	10.525	1302	1308	1315	rVB3	73053	146289	19.80%	0.929%
27	10.654	1320	1330	1334	rBV2	139682	271790	36.79%	1.726%
28	10.713	1334	1340	1346	rVV3	168929	403552	54.63%	2.563%
29	10.766	1346	1349	1352	rVV	25464	46262	6.26%	0.294%
30	10.807	1352	1356	1361	rVV	108760	203546	27.55%	1.293%
31	10.860	1361	1365	1371	rVB	136894	230401	31.19%	1.463%
32	10.960	1375	1382	1389	rBV	57575	111472	15.09%	0.708%
33	11.048	1392	1397	1403	rVV2	35071	76337	10.33%	0.485%
34	11.095	1403	1405	1412	rVB3	29898	41871	5.67%	0.266%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Title : SVOA CALIBRATION

35	11.183	1412	1420	1423	rBV2	76514	168412	22.80%	1.069%
36	11.219	1423	1426	1432	rVV	73840	116612	15.79%	0.740%
37	11.277	1432	1436	1441	rVB3	42598	68340	9.25%	0.434%
38	11.330	1441	1445	1447	rBV	37623	55380	7.50%	0.352%
39	11.365	1447	1451	1454	rVV	59548	93643	12.68%	0.595%
40	11.401	1454	1457	1461	rVV4	40184	60154	8.14%	0.382%
41	11.442	1461	1464	1469	rVB2	27829	38629	5.23%	0.245%
42	11.659	1492	1501	1506	rBV2	202646	380247	51.47%	2.415%
43	11.706	1506	1509	1513	rVV4	21628	42793	5.79%	0.272%
44	11.747	1513	1516	1520	rVB3	21746	30870	4.18%	0.196%
45	11.841	1526	1532	1538	rVV3	85992	172885	23.40%	1.098%
46	11.900	1538	1542	1547	rVV2	88531	140934	19.08%	0.895%
47	11.976	1547	1555	1561	rVV	258126	501379	67.87%	3.184%
48	12.059	1565	1569	1573	rVB	91017	129008	17.46%	0.819%
49	12.206	1587	1594	1600	rVB4	61528	142613	19.30%	0.906%
50	12.341	1610	1617	1621	rBV4	49127	105925	14.34%	0.673%
51	12.464	1633	1638	1643	rBV	124488	232021	31.41%	1.473%
52	12.517	1643	1647	1655	rVB7	64260	126124	17.07%	0.801%
53	12.617	1660	1664	1666	rBV2	25825	39845	5.39%	0.253%
54	12.687	1671	1676	1685	rVB2	96503	178924	24.22%	1.136%
55	12.781	1685	1692	1698	rBV6	33835	90875	12.30%	0.577%
56	12.840	1698	1702	1705	rBV3	41517	68413	9.26%	0.434%
57	12.905	1708	1713	1718	rVB	145288	225339	30.50%	1.431%
58	12.993	1724	1728	1731	rBV5	26586	45713	6.19%	0.290%
59	13.128	1746	1751	1757	rVB	193057	298923	40.46%	1.898%
60	13.240	1767	1770	1779	rVB	63058	113686	15.39%	0.722%
61	13.363	1779	1791	1798	rBV10	47653	159718	21.62%	1.014%
62	13.445	1798	1805	1812	rBV6	93357	206459	27.95%	1.311%
63	13.698	1844	1848	1854	rVB6	27242	54830	7.42%	0.348%
64	13.792	1857	1864	1866	rBV6	54134	115441	15.63%	0.733%
65	13.909	1880	1884	1888	rBV5	17103	32720	4.43%	0.208%
66	13.992	1888	1898	1909	rVB3	287418	599833	81.20%	3.809%
67	14.133	1915	1922	1926	rBV7	35661	85152	11.53%	0.541%
68	14.174	1927	1929	1936	rVB6	24803	49253	6.67%	0.313%
69	14.239	1936	1940	1942	rBV5	22785	32423	4.39%	0.206%
70	14.444	1971	1975	1980	rBV6	44157	82390	11.15%	0.523%
71	14.521	1984	1988	1992	rVB	73439	98777	13.37%	0.627%

LSC Area Percent Report

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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Title : SVOA CALIBRATION

72	14.638	1999	2008	2013	rBV2	206419	377913	51.16%	2.400%
73	14.791	2028	2034	2040	rBV	421181	590106	79.88%	3.747%
74	14.949	2057	2061	2065	rBV5	24950	34067	4.61%	0.216%
75	15.032	2070	2075	2081	rVV3	59458	102381	13.86%	0.650%
76	15.114	2081	2089	2093	rVB4	62901	125384	16.97%	0.796%
77	15.314	2119	2123	2127	rBV6	15766	32012	4.33%	0.203%
78	15.402	2134	2138	2145	rVB3	55439	102108	13.82%	0.648%
79	15.466	2145	2149	2153	rBV	74154	99830	13.51%	0.634%
80	15.508	2153	2156	2163	rVB5	52902	78586	10.64%	0.499%
81	15.578	2163	2168	2173	rBV	321102	440376	59.61%	2.796%
82	15.678	2180	2185	2198	rVB3	52640	110210	14.92%	0.700%
83	15.848	2211	2214	2218	rVB5	28140	39335	5.32%	0.250%
84	15.895	2218	2222	2228	rBV7	24905	63994	8.66%	0.406%
85	16.125	2258	2261	2266	rVB3	32685	45901	6.21%	0.291%
86	16.277	2284	2287	2292	rVB5	24357	36226	4.90%	0.230%
87	16.330	2292	2296	2300	rBV	73023	86026	11.64%	0.546%
88	16.477	2315	2321	2331	rVB7	55476	162499	22.00%	1.032%
89	16.671	2350	2354	2361	rVB4	70445	130966	17.73%	0.832%
90	17.123	2427	2431	2435	rVV	82766	102379	13.86%	0.650%
91	17.388	2471	2476	2480	rBV	236477	333287	45.12%	2.116%
92	17.429	2480	2483	2487	rVB	43055	51473	6.97%	0.327%
93	17.570	2503	2507	2513	rBV	134085	226346	30.64%	1.437%
94	17.864	2553	2557	2566	rBV	91104	138728	18.78%	0.881%
95	18.551	2671	2674	2678	rBV	84356	90713	12.28%	0.576%
96	19.180	2778	2781	2789	rVB2	118222	183196	24.80%	1.163%
97	19.732	2872	2875	2877	rBV2	68085	78882	10.68%	0.501%
98	19.756	2877	2879	2886	rVB2	96578	127126	17.21%	0.807%
99	20.766	3048	3051	3052	rBV	173972	186188	25.20%	1.182%
100	21.653	3198	3202	3209	rVB	251181	386994	52.39%	2.457%

Sum of corrected areas: 15747804

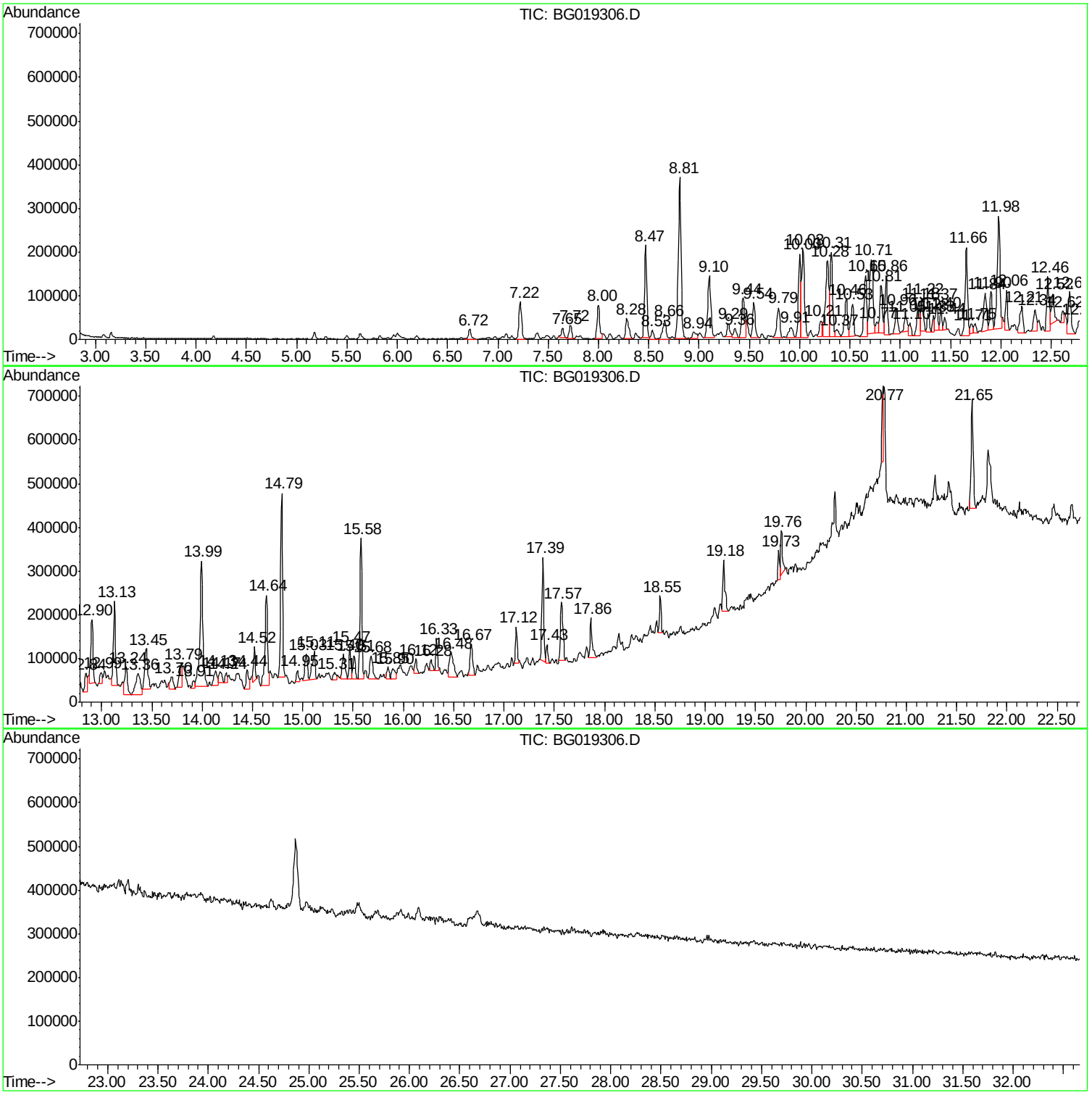
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

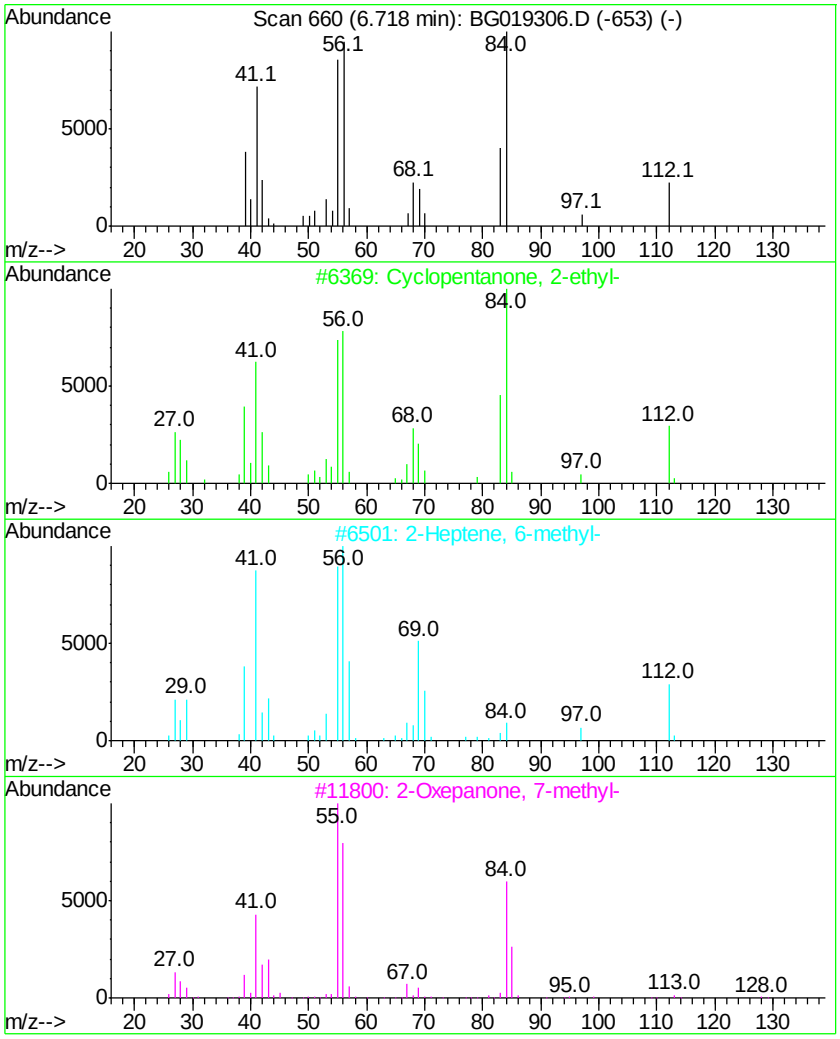
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

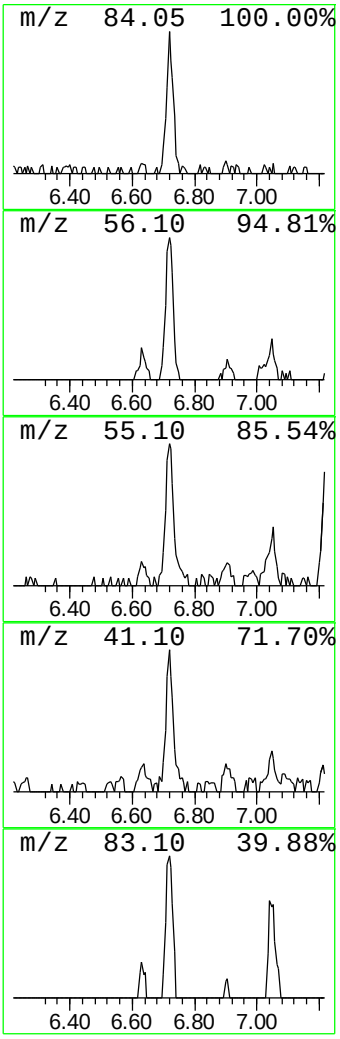
****

Peak Number 1 Cyclopentanone, 2-ethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	5.87 ng/ul	42673	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	58
2	2-Heptene, 6-methyl-	112	C8H16	073548-72-8	49
3	2-Oxepanone, 7-methyl-	128	C7H12O2	002549-59-9	47
4	Cyclohexane	84	C6H12	000110-82-7	46
5	Cyclohexane	84	C6H12	000110-82-7	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

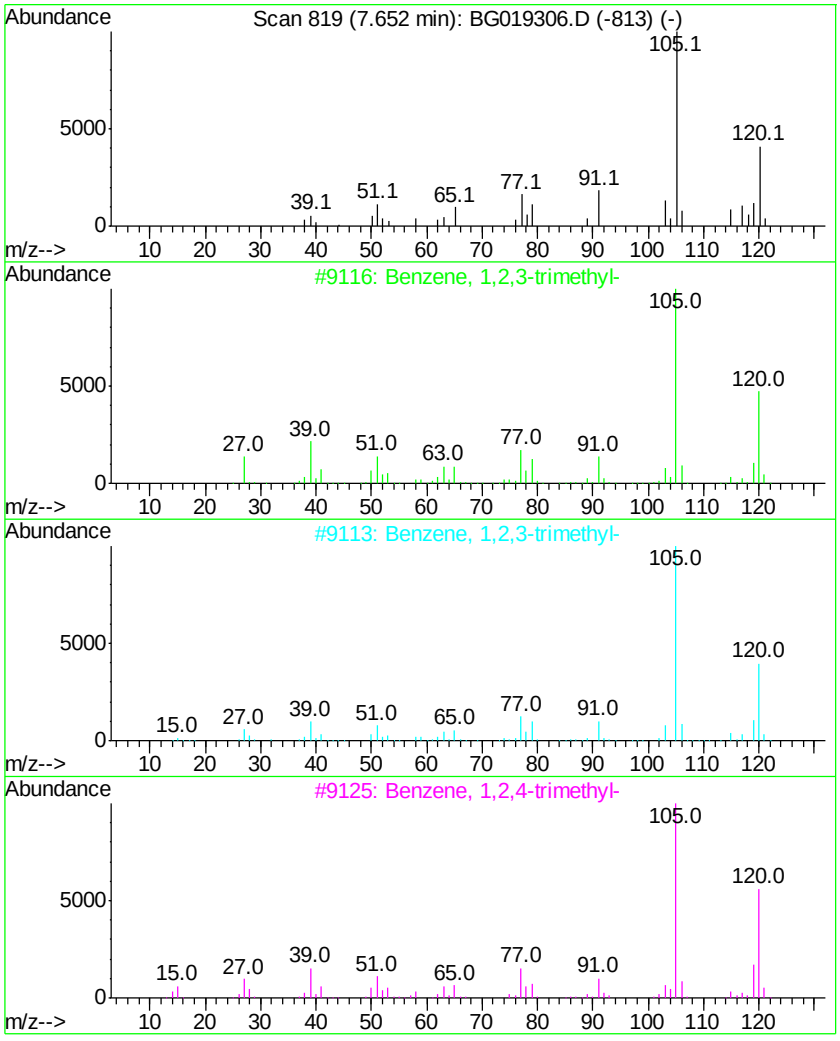
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

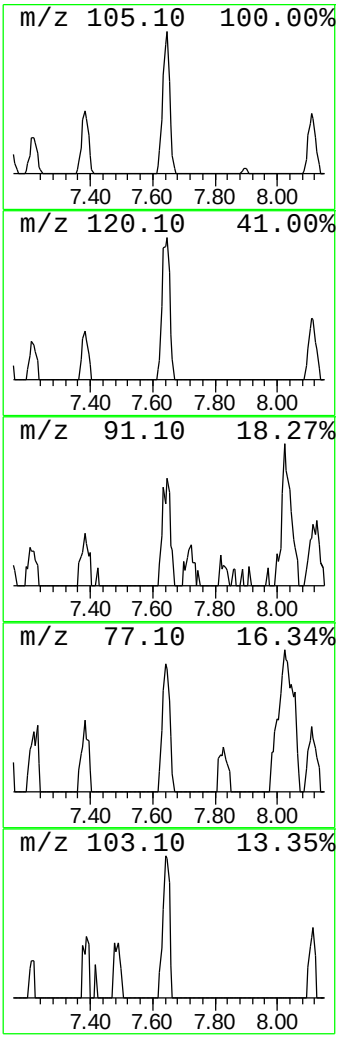
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	4.88 ng/ul	35515	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	83
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

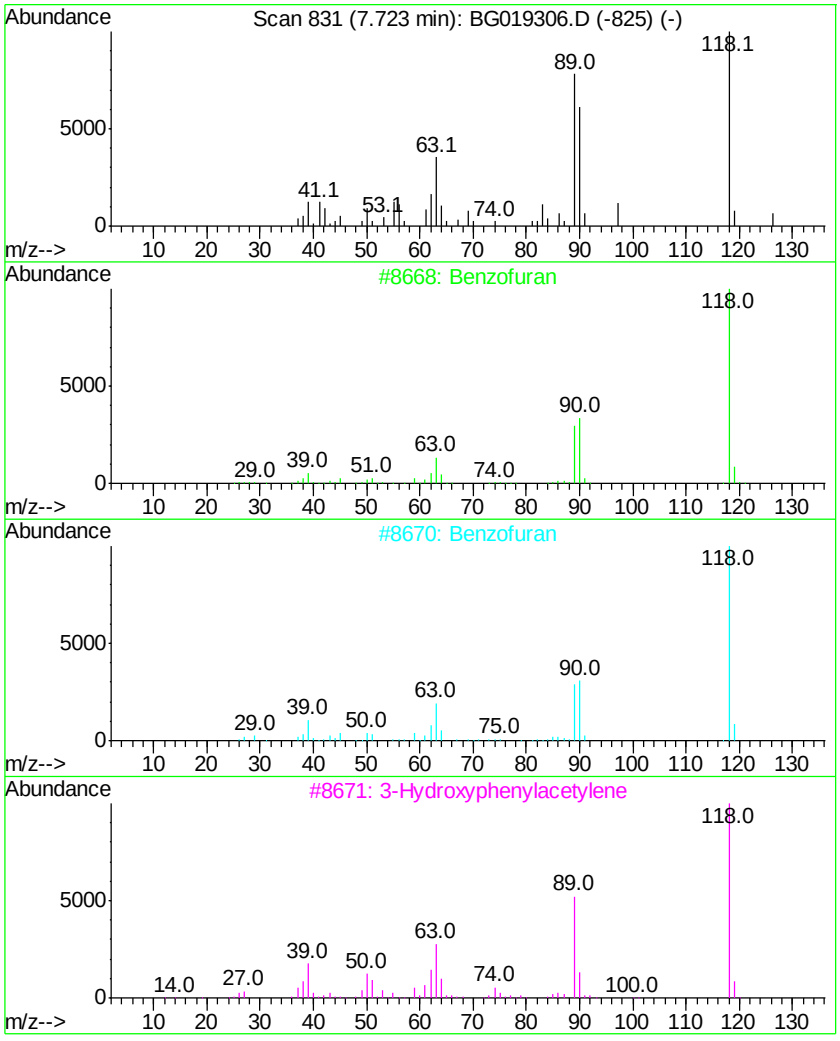
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

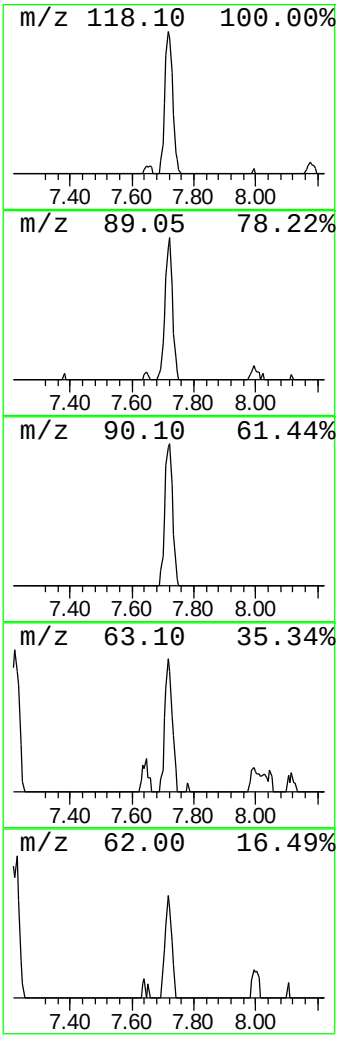
****

Peak Number 3 Benzofuran Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	7.41 ng/ul	53860	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	95
2	Benzofuran	118	C8H6O	000271-89-6	95
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	90
4	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	80
5	Benzonitrile, 2-amino-	118	C7H6N2	001885-29-6	11





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

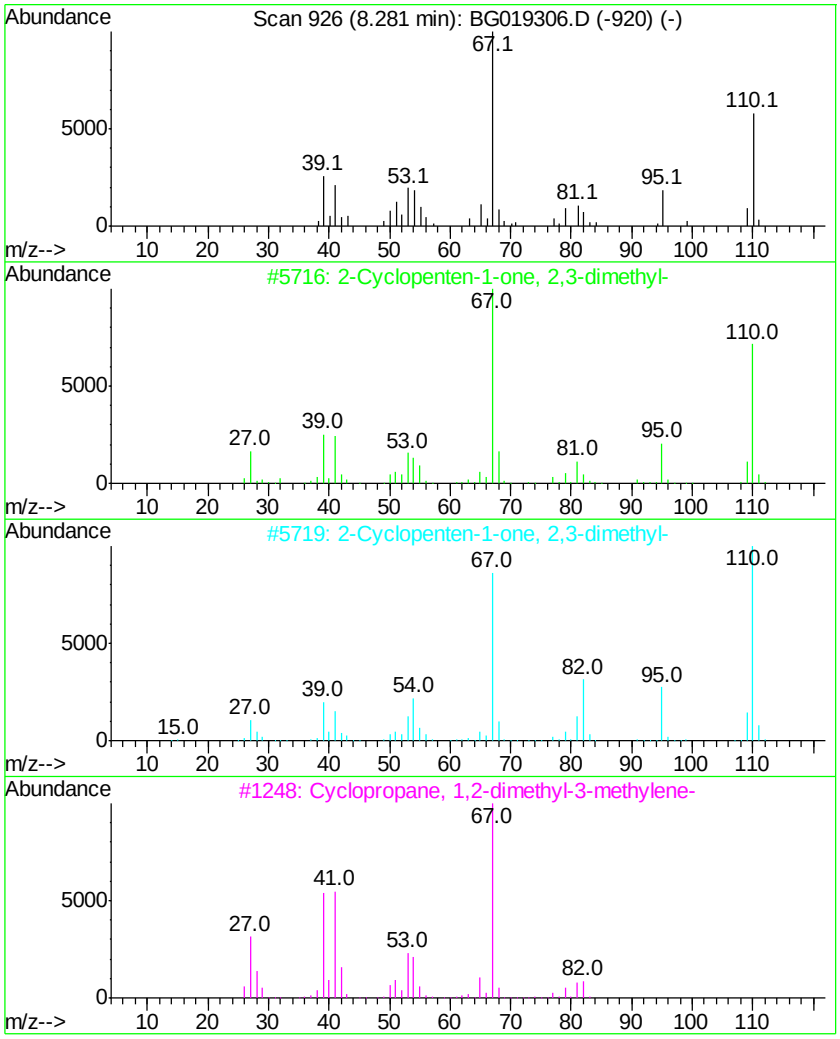
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

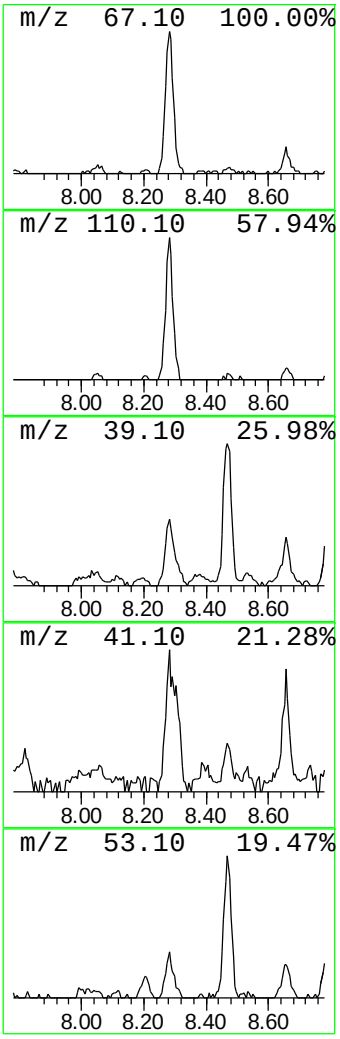
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	14.15 ng/ul	102904	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	91
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	86
3	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	60
4	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	55
5	2,4-Hexadiene, (Z,Z)-	82	C6H10	006108-61-8	55





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

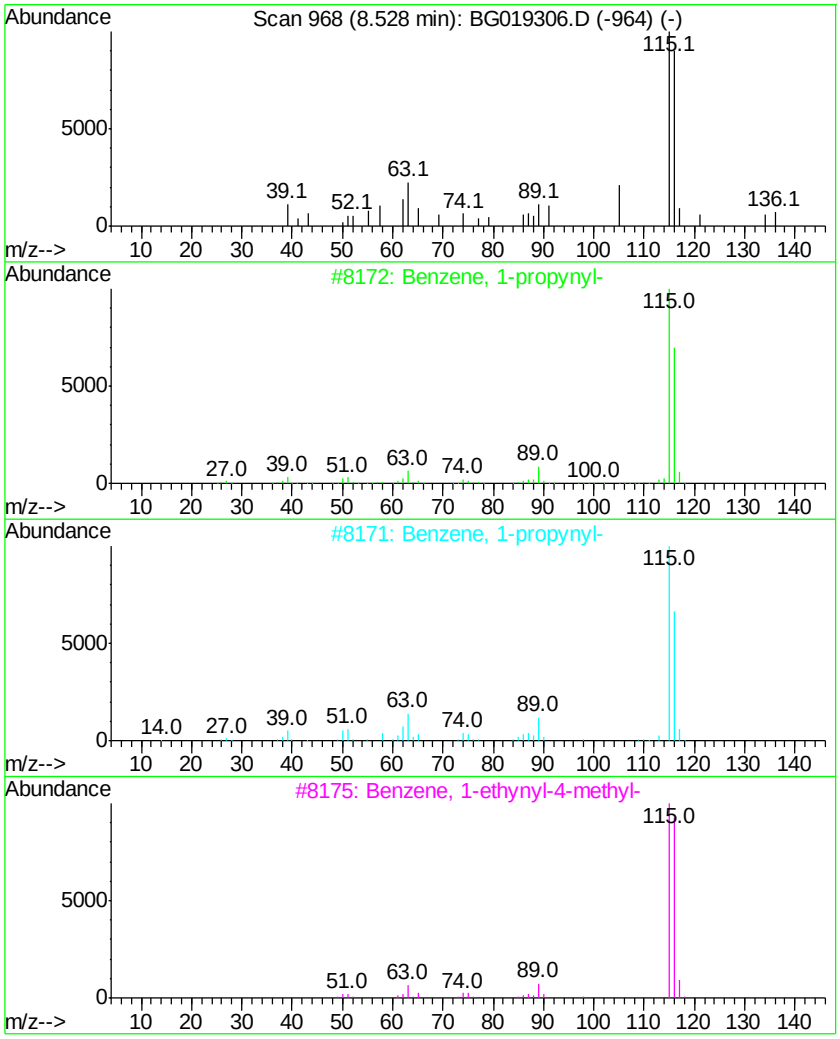
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

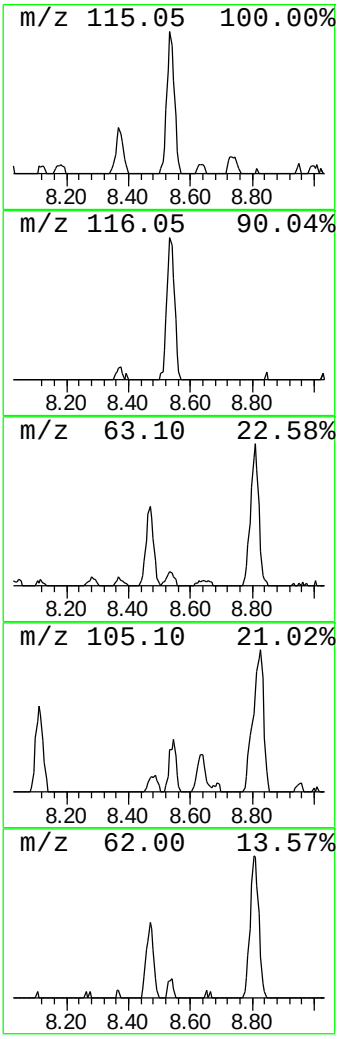
****

Peak Number 5 Benzene, 1-propynyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	5.04 ng/ul	36625	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	86
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	83
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	80
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	72
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

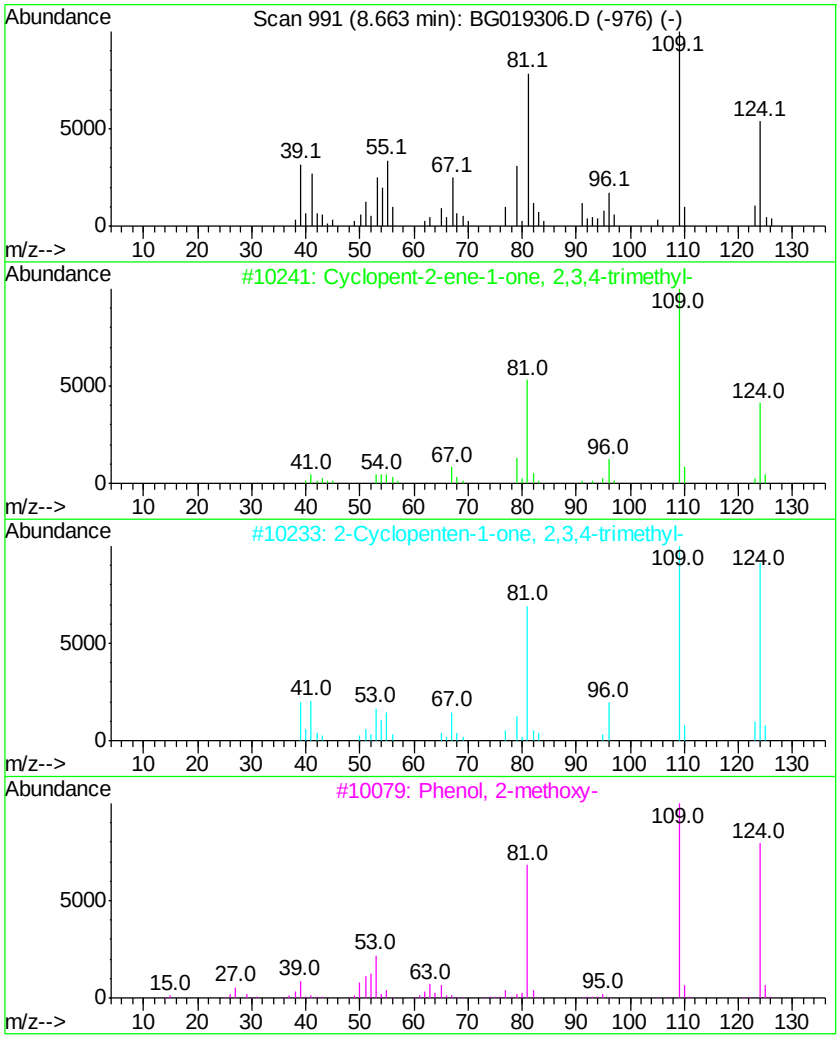
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

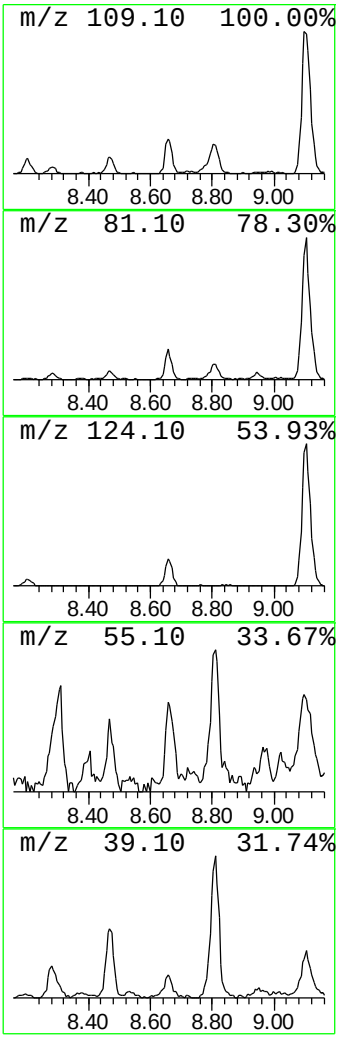
****

Peak Number 6 Cyclopent-2-ene-1-one, 2,3,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	13.80 ng/ul	100387	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	87
2	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	87
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	70
4	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	64
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	62





Library Search Compound Report

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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

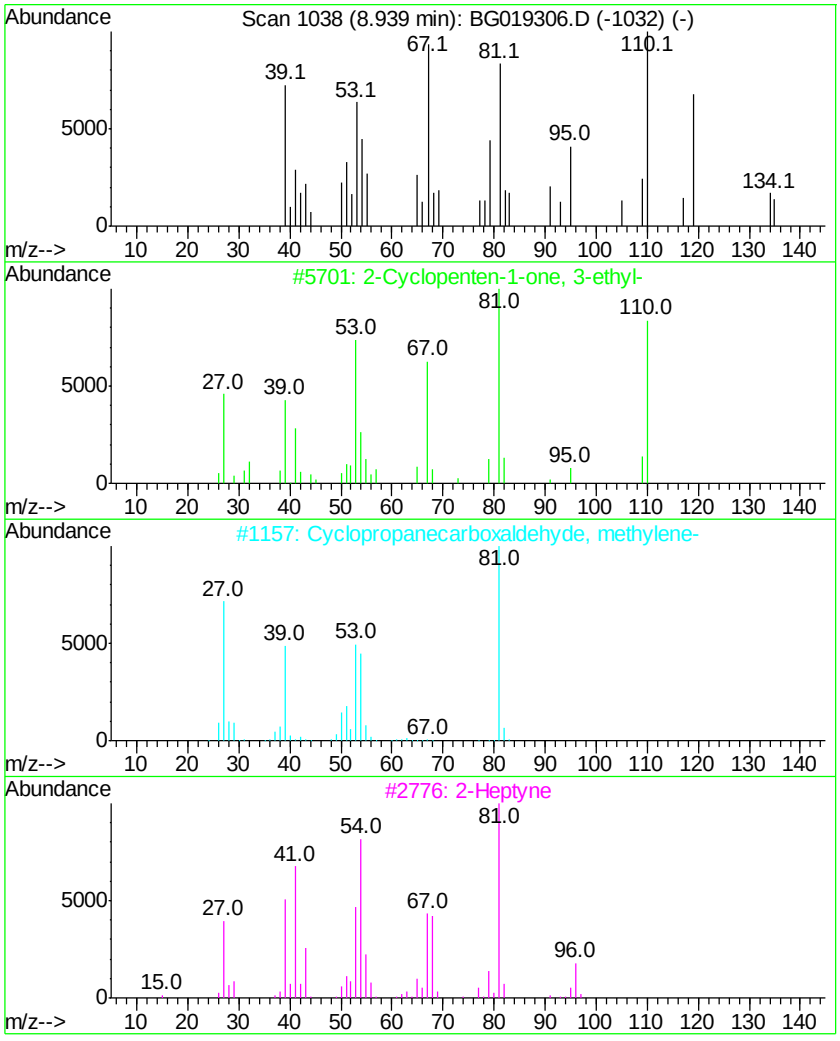
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

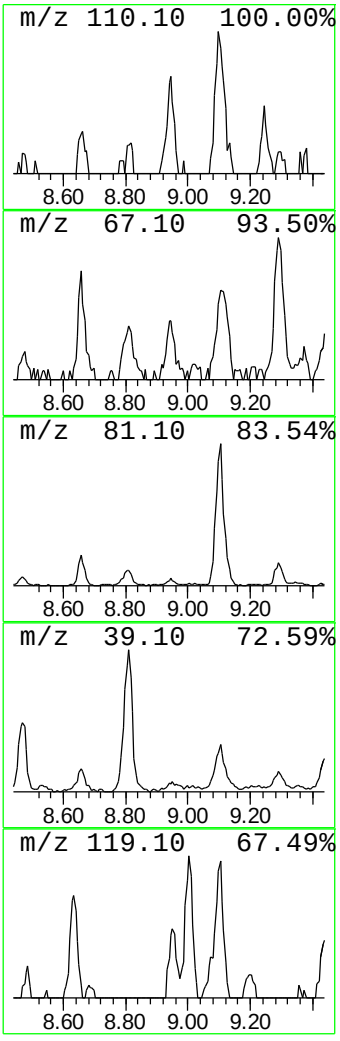
****

Peak Number 7 2-Cyclopenten-1-one, 3-ethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	5.70 ng/ul	41435	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-ethyl-	110	C7H10O	005682-69-9	81
2	Cyclopropanecarboxaldehyde, meth...	82	C5H6O	142423-24-3	46
3	2-Heptyne	96	C7H12	001119-65-9	43
4	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	43
5	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	43





Library Search Compound Report

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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

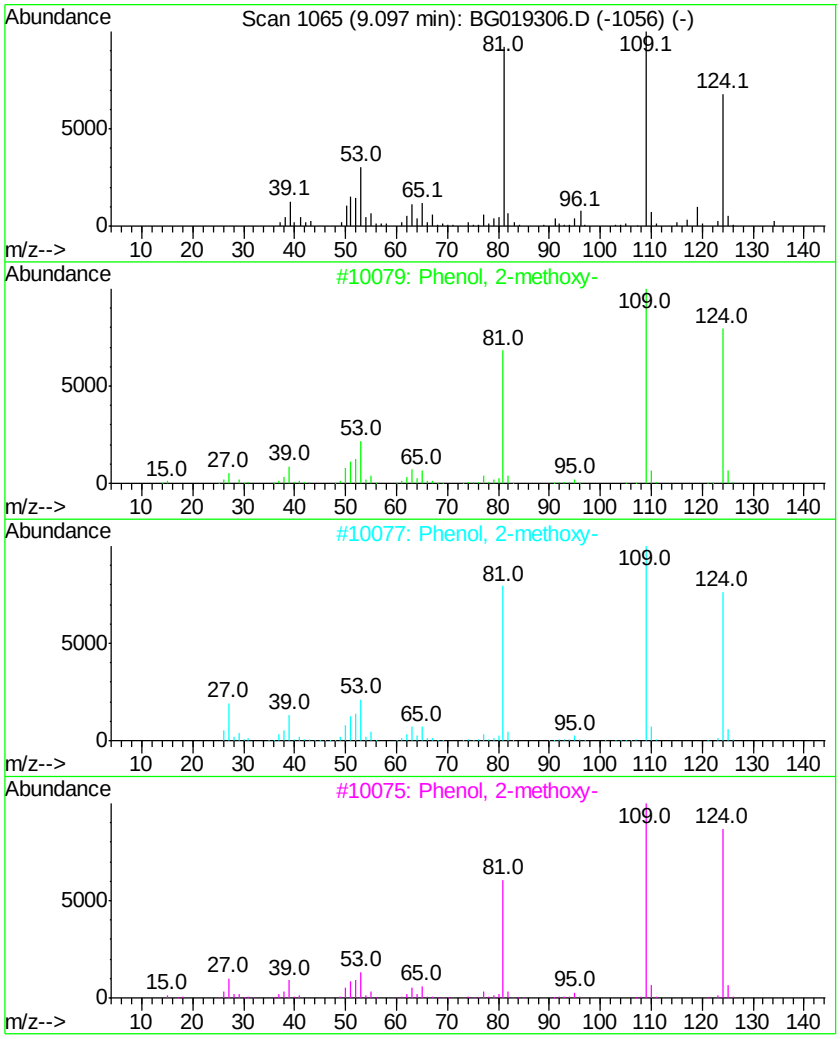
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

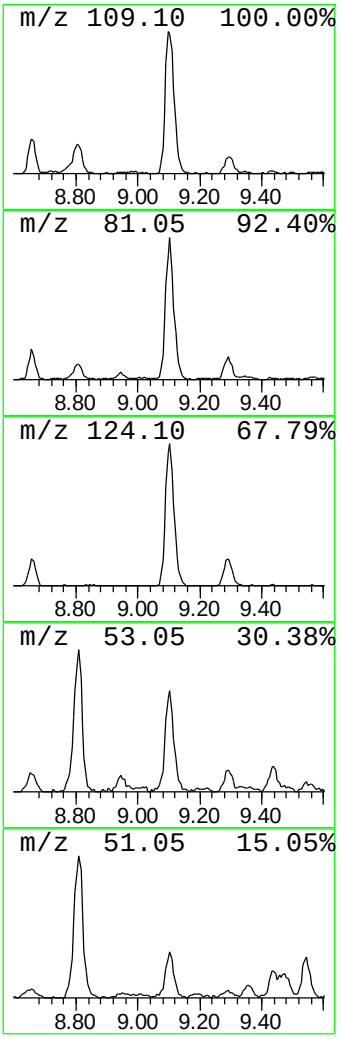
****

Peak Number 8 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	40.93 ng/ul	297681	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	80
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64





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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

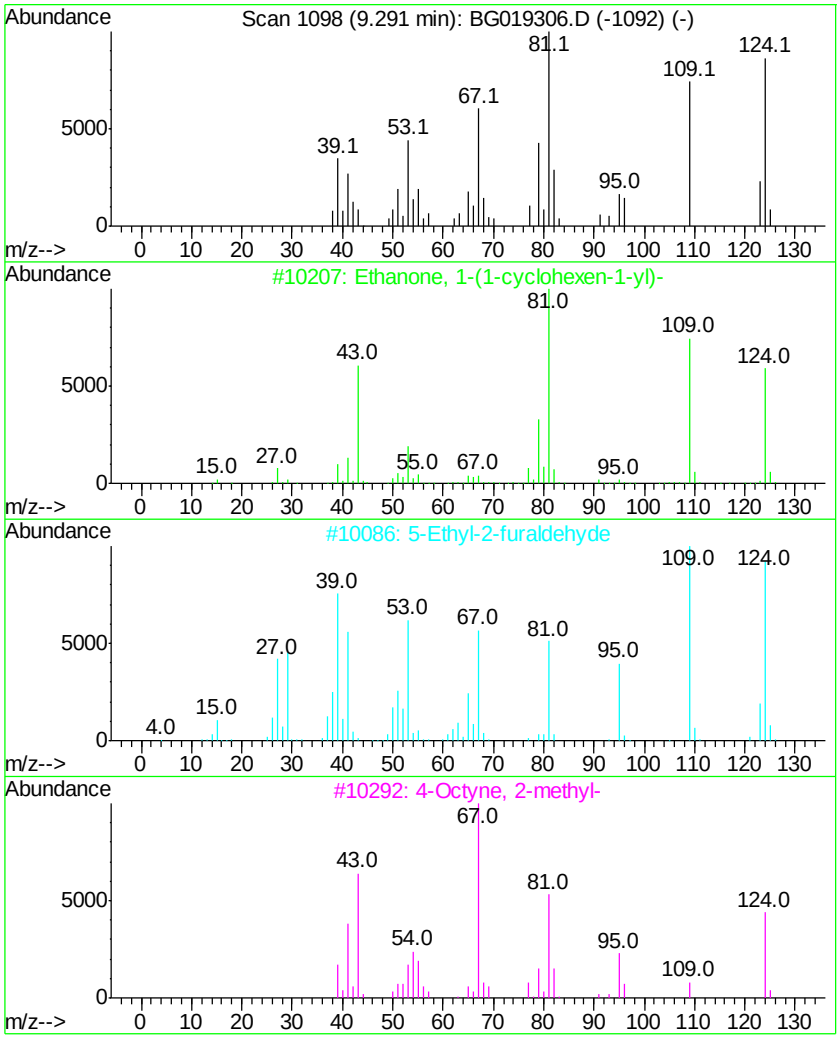
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

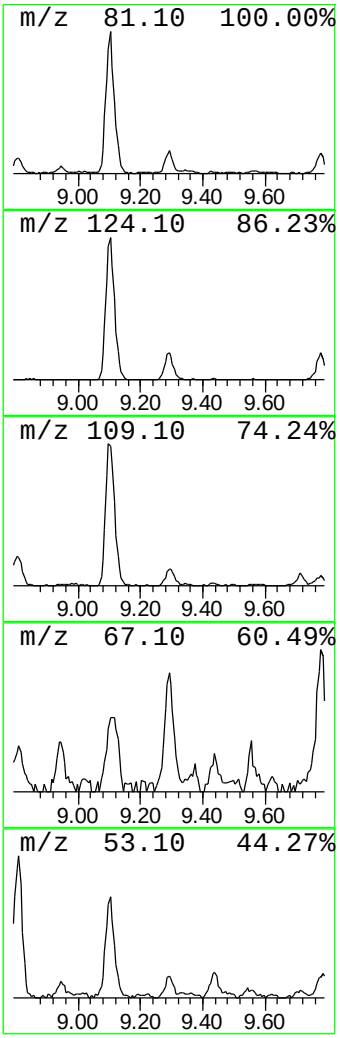
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	8.67 ng/ul	63051	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	87
2	5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	58
3	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	58
4	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	49
5	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	49





Library Search Compound Report

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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

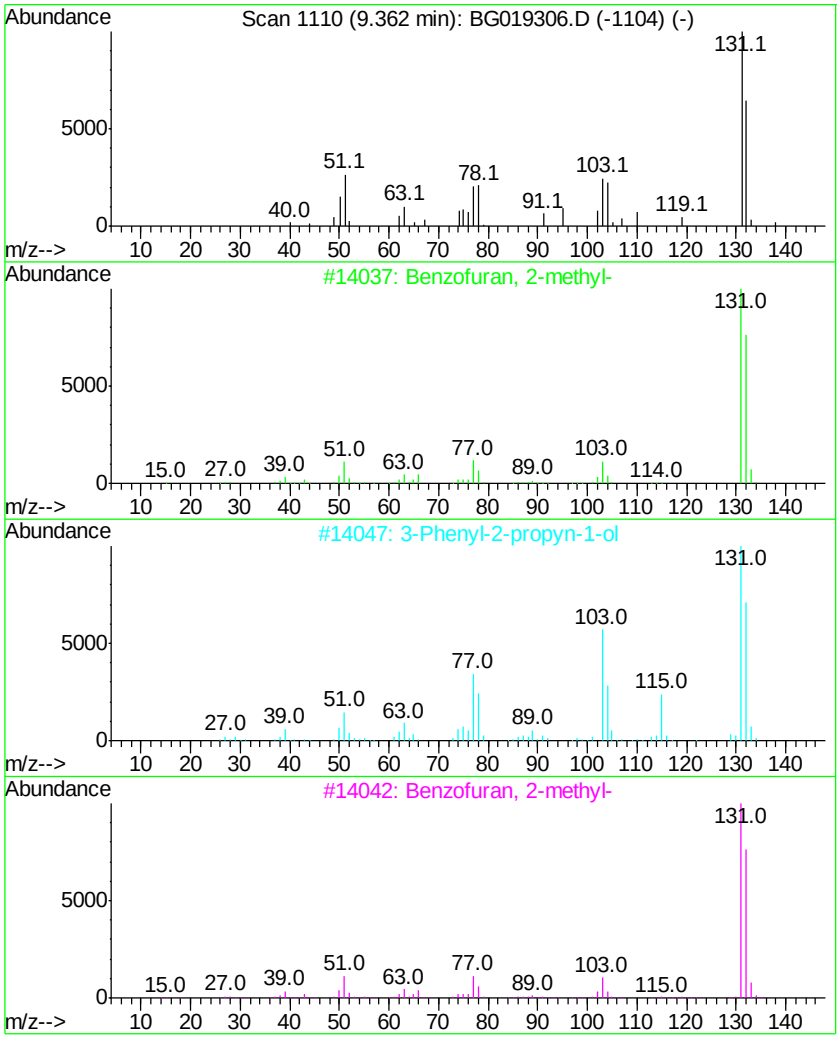
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

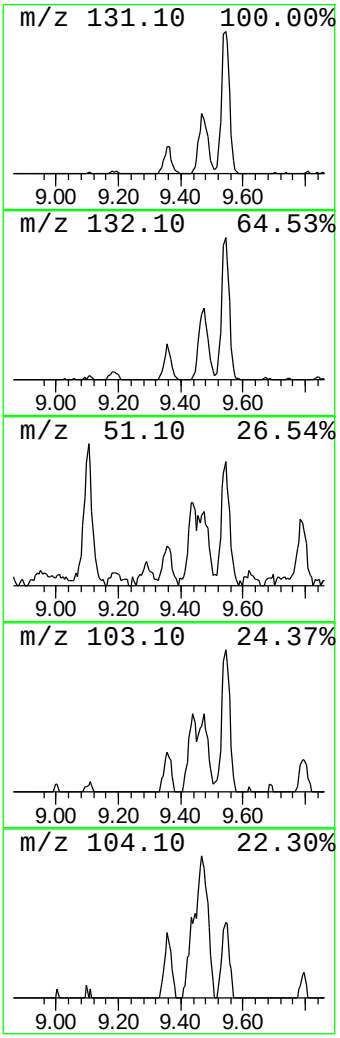
****

Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	5.73 ng/ul	41692	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	86
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86





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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

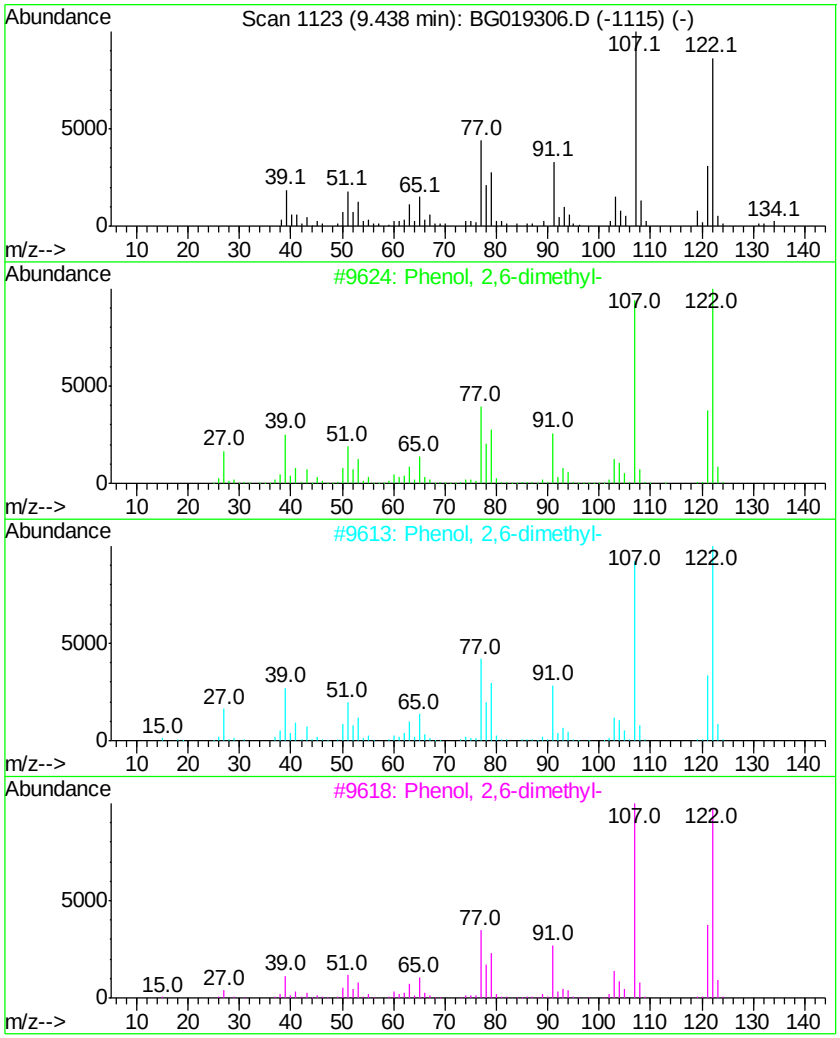
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

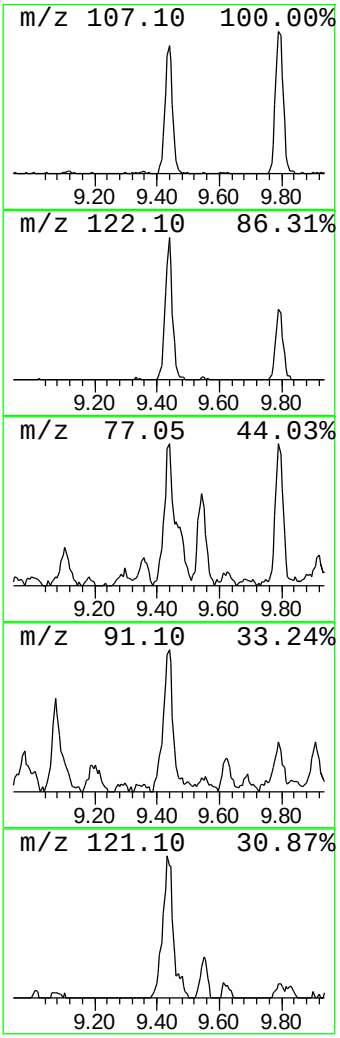
****

Peak Number 11 Phenol, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	18.16 ng/ul	184832	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93





Library Search Compound Report

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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

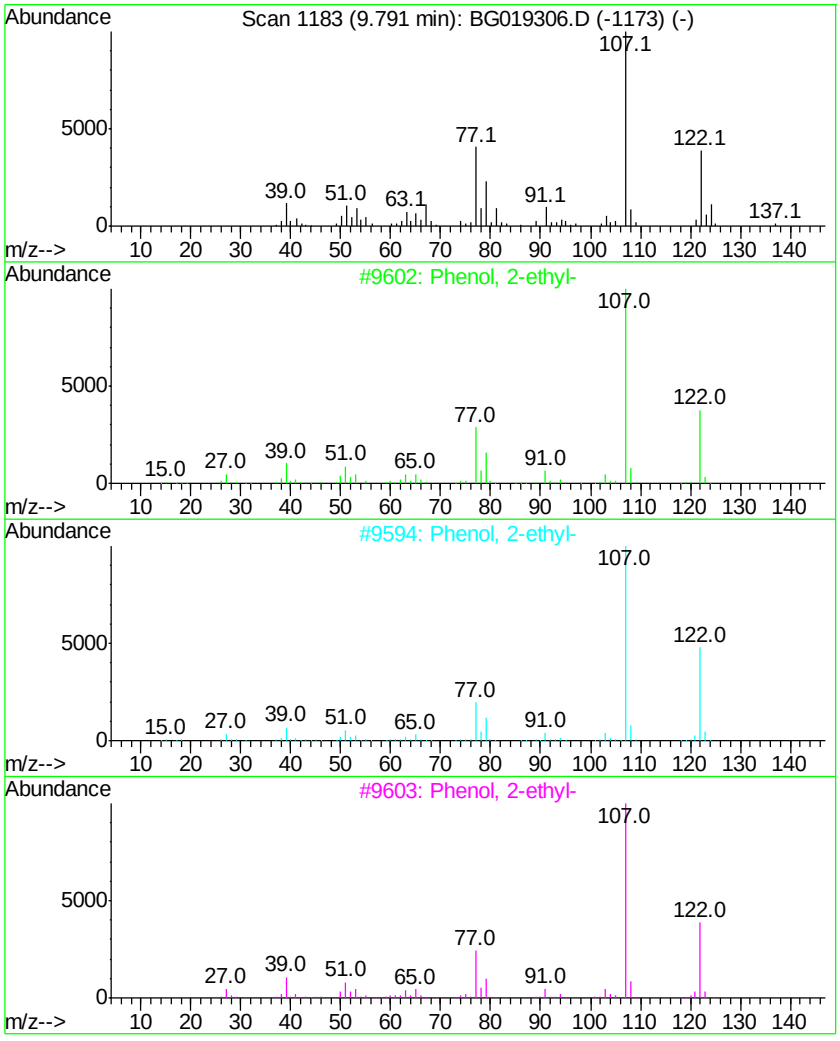
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

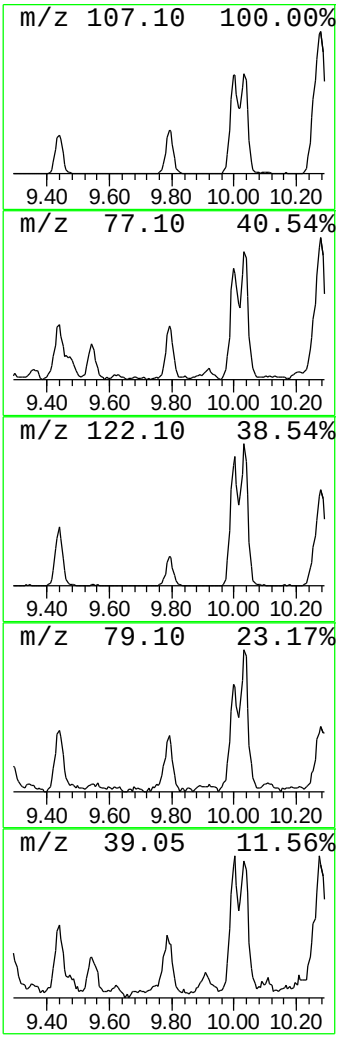
****

Peak Number 13 Phenol, 2-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	13.66 ng/ul	138976	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	95
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	93
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87





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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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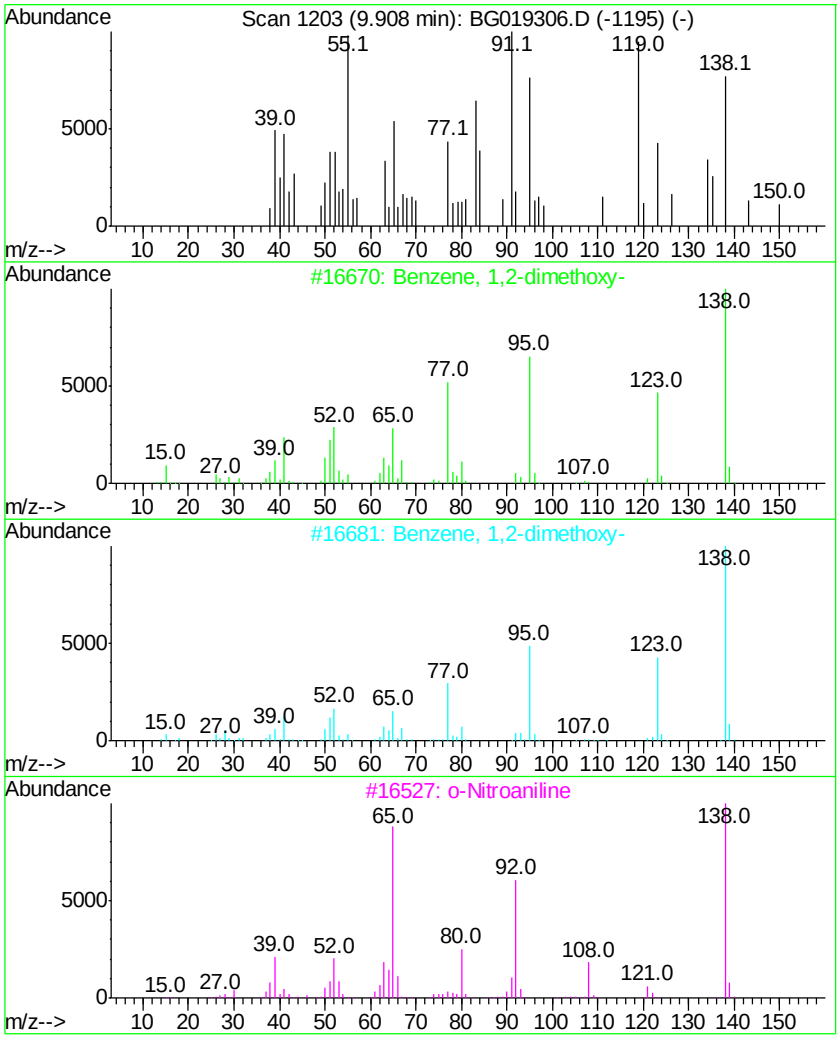
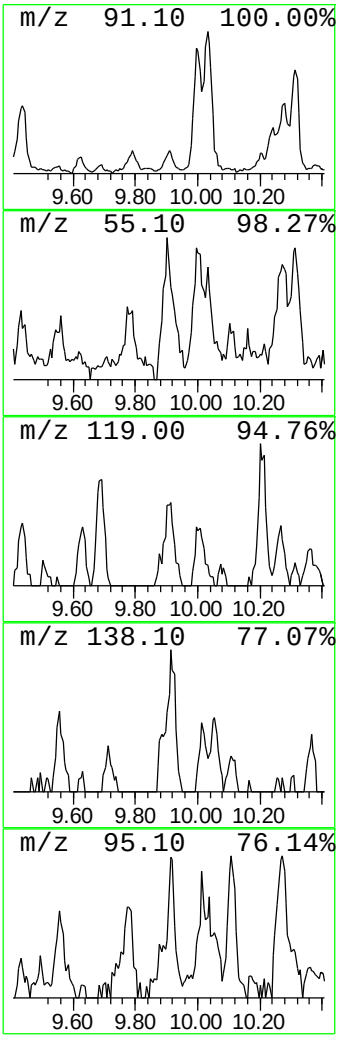
Peak Number 14 Benzene, 1,2-dimethoxy- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	6.69 ng/ul	68118	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethoxy-	138	C8H10O2	000091-16-7	64
2	Benzene, 1,2-dimethoxy-	138	C8H10O2	000091-16-7	50
3	o-Nitroaniline	138	C6H6N2O2	000088-74-4	38
4	o-Nitroaniline	138	C6H6N2O2	000088-74-4	35
5	m-Nitroaniline	138	C6H6N2O2	000099-09-2	30





Library Search Compound Report

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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

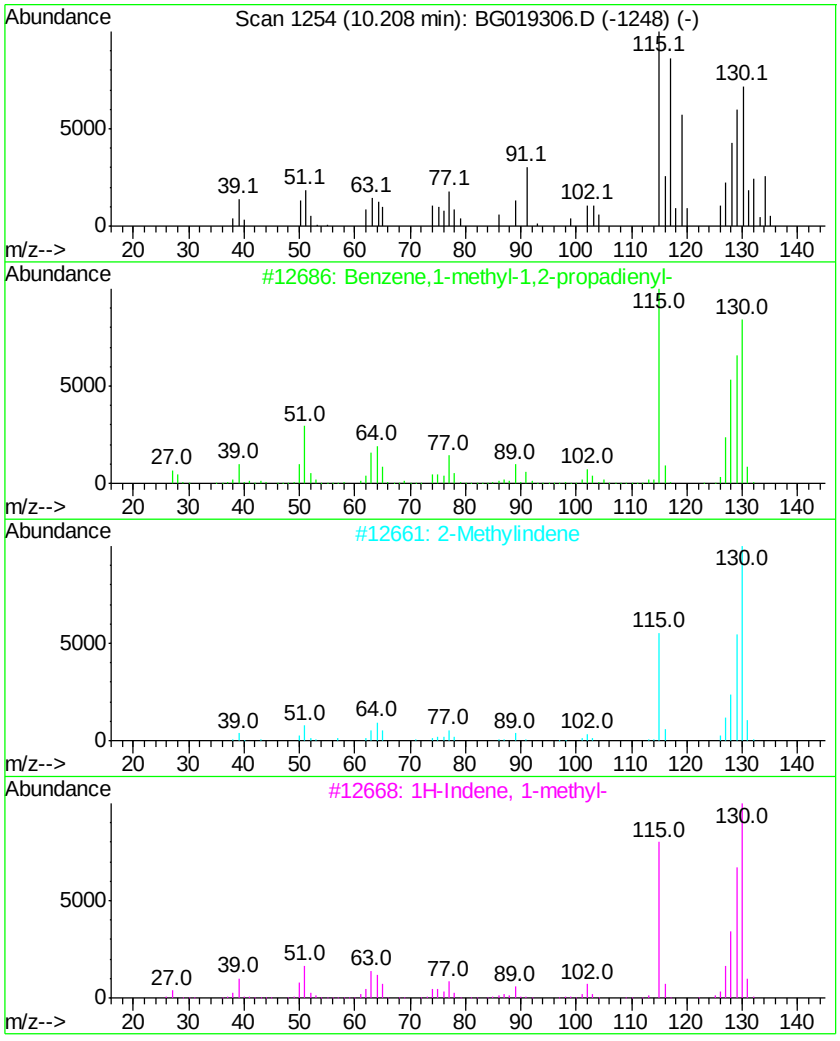
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

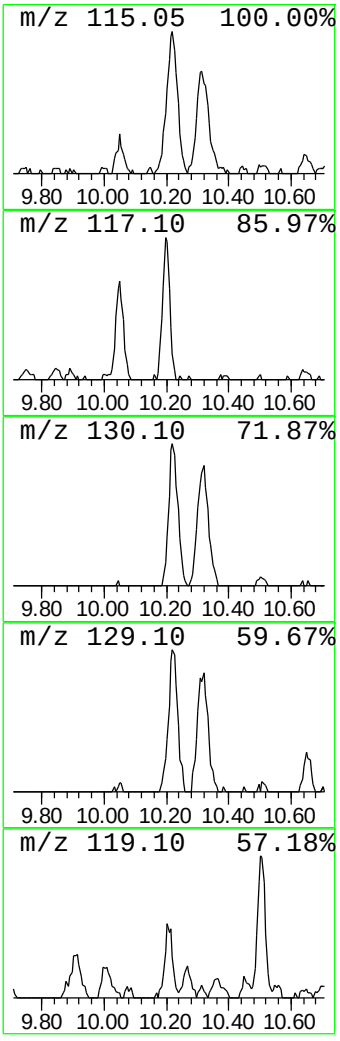
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene,1-methyl-1,2-propad... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	7.62 ng/ul	77584	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
2	2-Methylindene	130	C10H10	002177-47-1	93
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83
5	2-Methylindene	130	C10H10	002177-47-1	64





Library Search Compound Report

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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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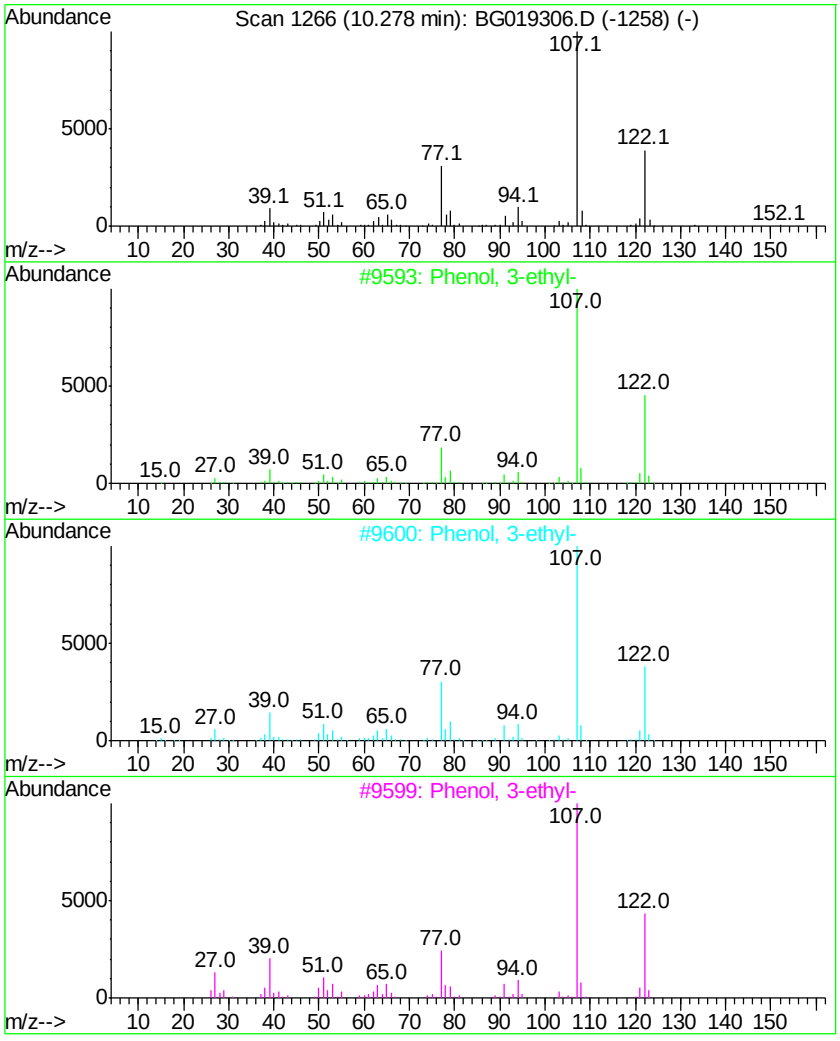
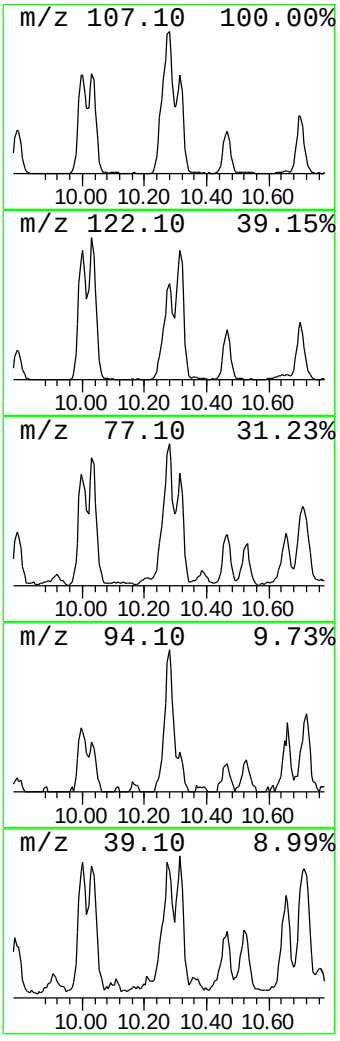
Peak Number 16 Phenol, 3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	41.63 ng/ul	423717	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87





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Data File : BG019306.D
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Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

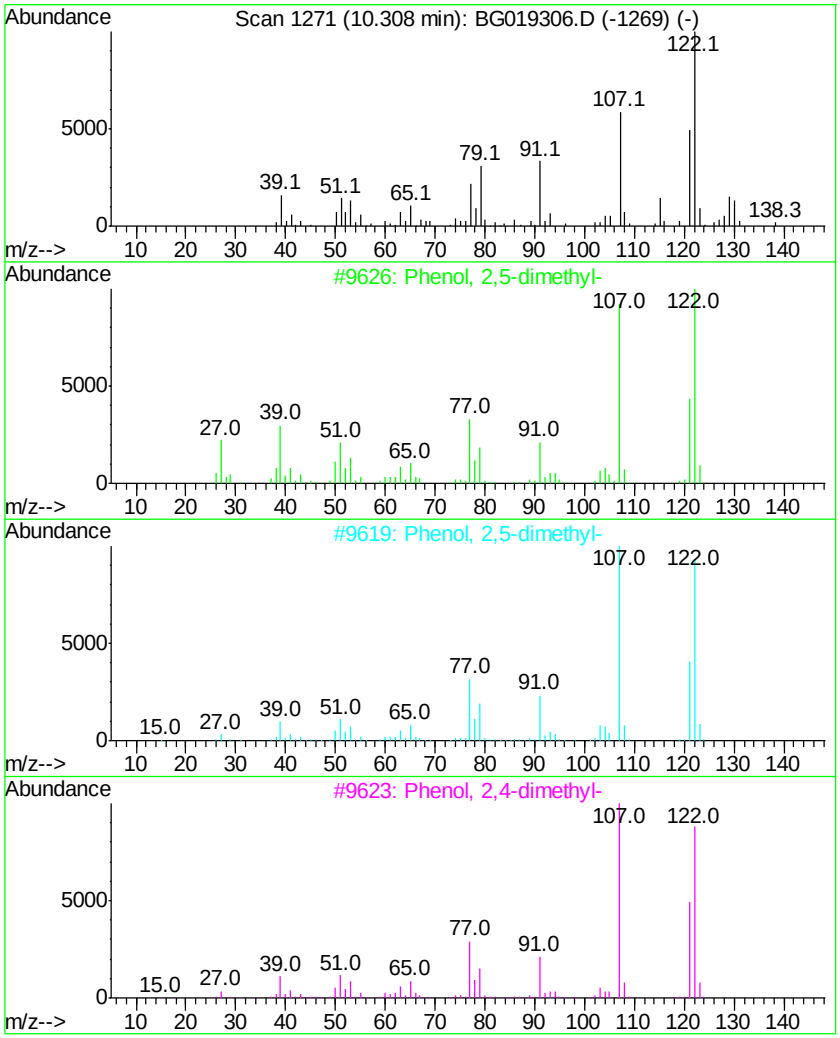
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

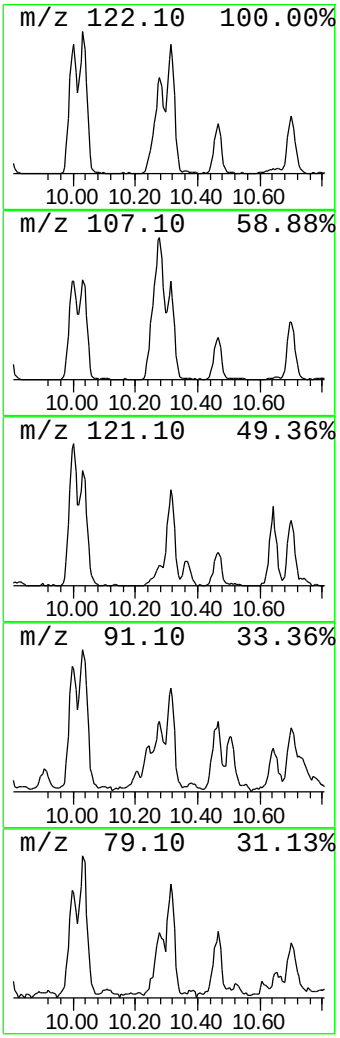
****

Peak Number 17 Phenol, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	30.15 ng/ul	306827	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	87
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	83
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	83





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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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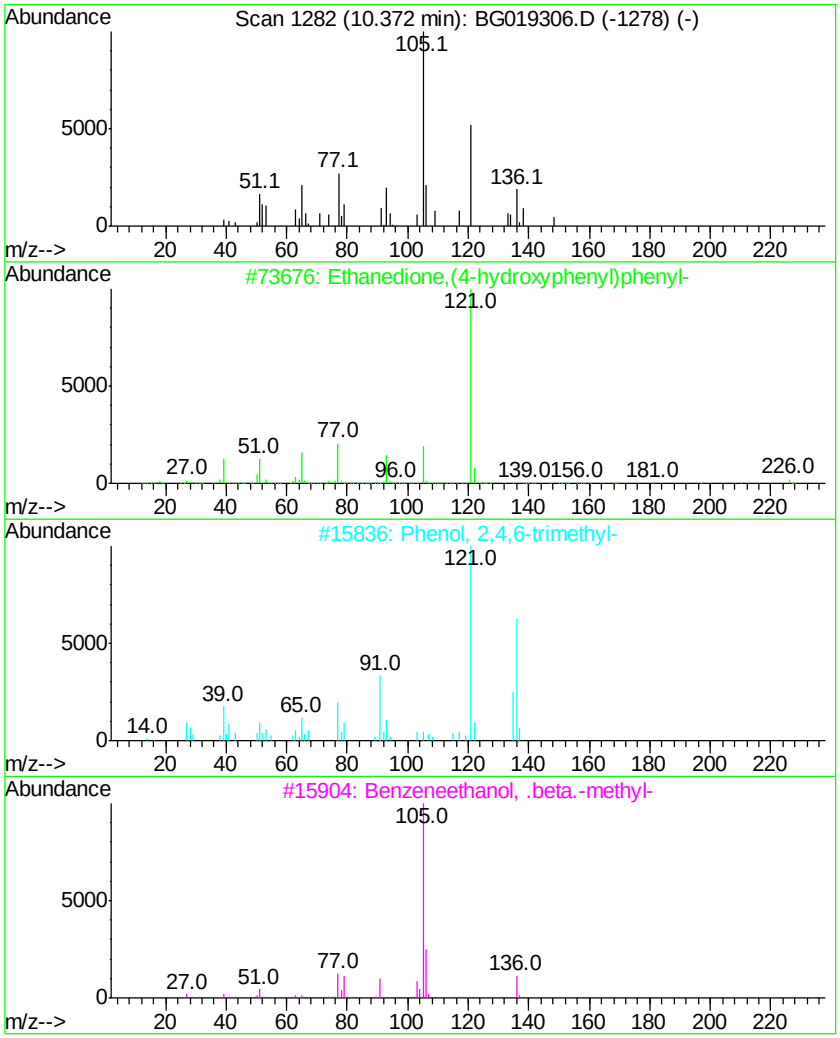
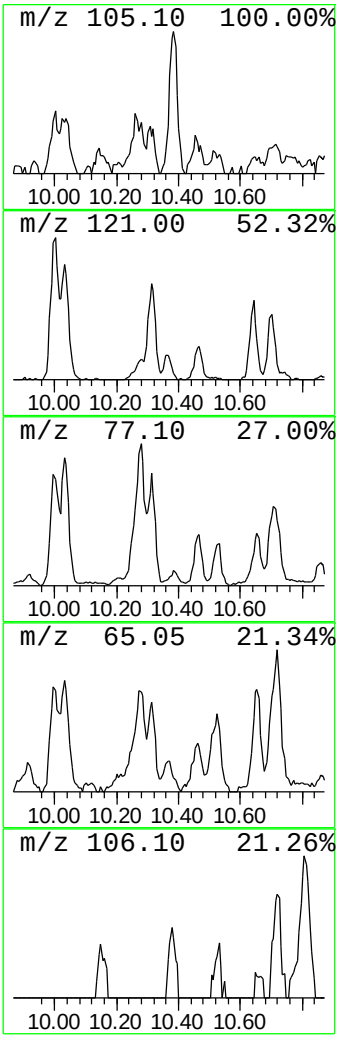
Peak Number 18 unknown-01 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	3.46 ng/ul	35175	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanedione,(4-hydroxyphenyl)phe...	226	C14H10O3	038469-73-7	43
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	38
3	Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	35
4	Acetophenone, 4'-hydroxy-	136	C8H8O2	000099-93-4	35
5	Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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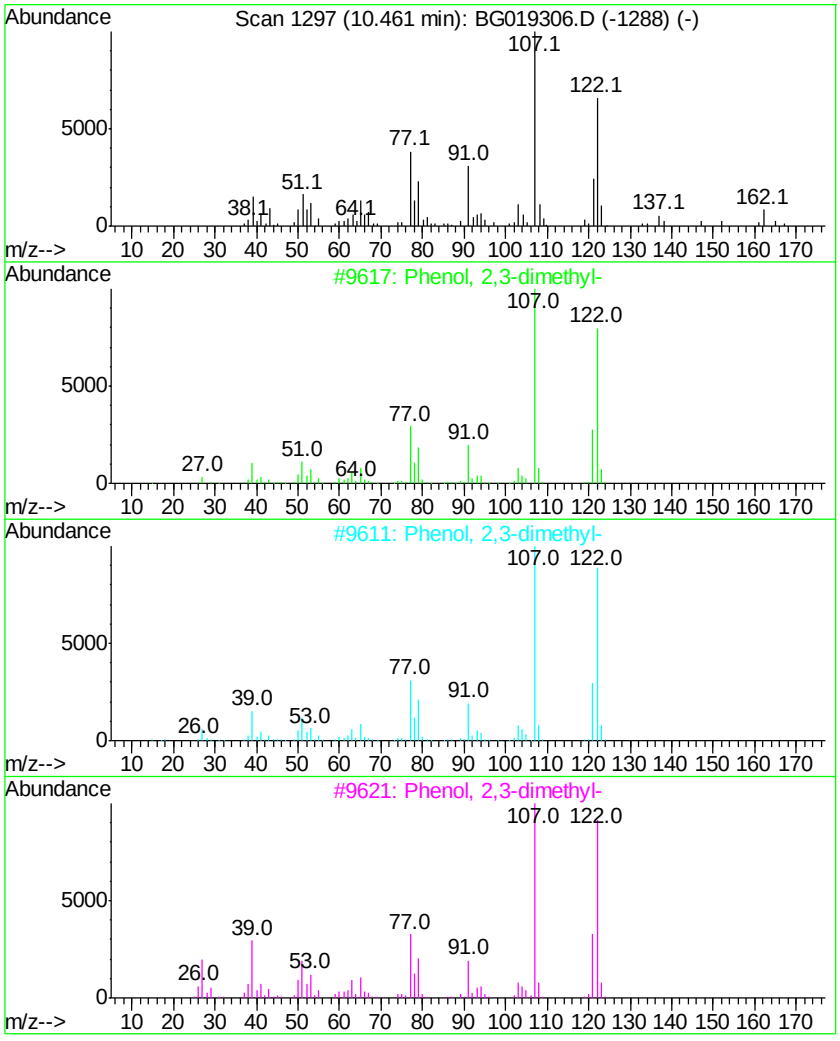
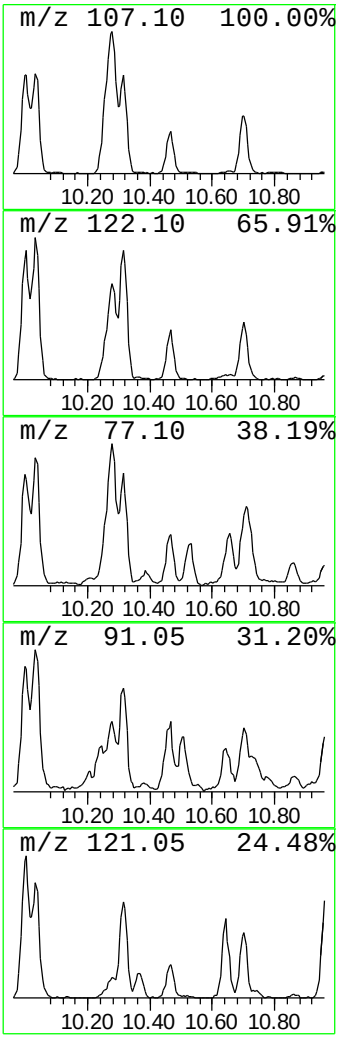
Peak Number 19 Phenol, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	17.47 ng/ul	177797	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	97
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	95
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	93
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	93





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Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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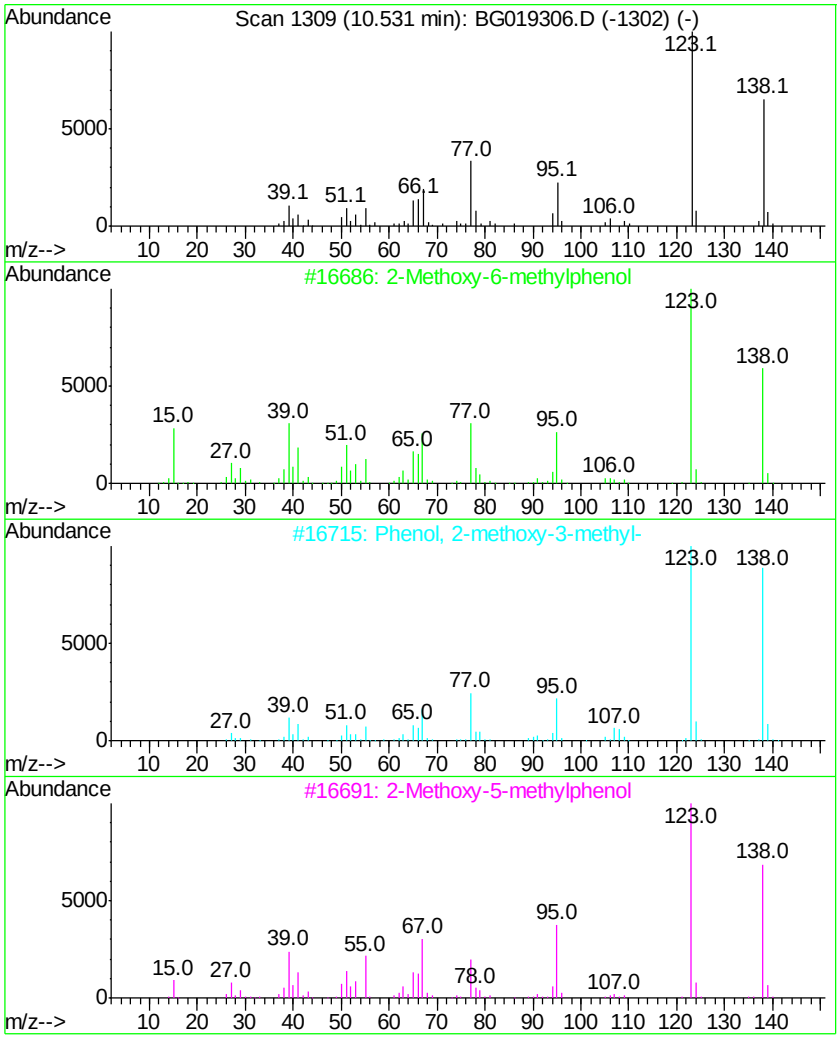
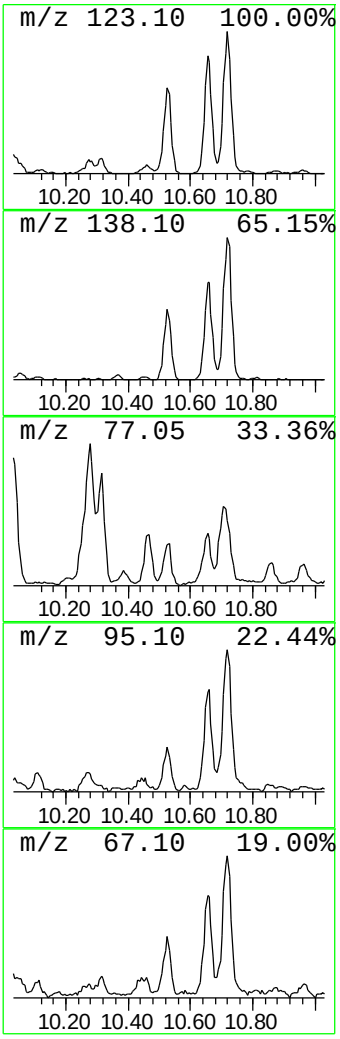
Peak Number 20 2-Methoxy-6-methylphenol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	14.37 ng/ul	146289	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-6-methylphenol	138	C8H10O2	002896-67-5	91
2	Phenol, 2-methoxy-3-methyl-	138	C8H10O2	018102-31-3	91
3	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	90
4	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	87
5	1,3-Benzenediol, 4-ethyl-	138	C8H10O2	002896-60-8	72





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Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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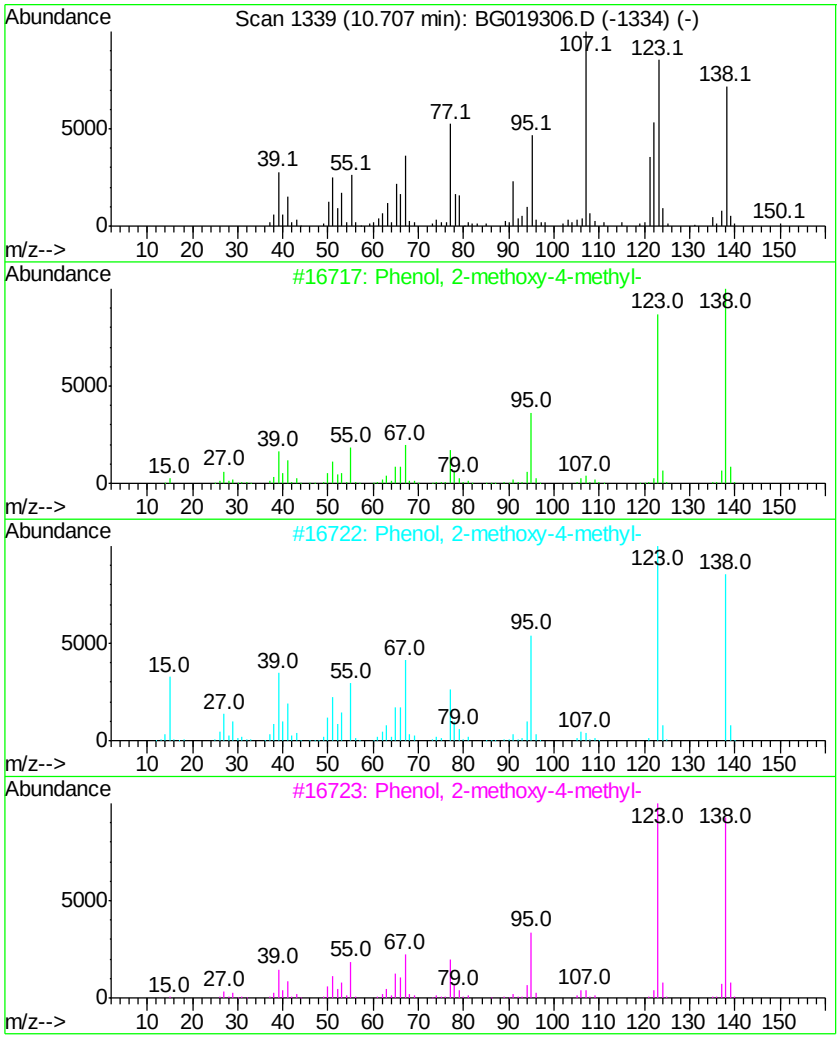
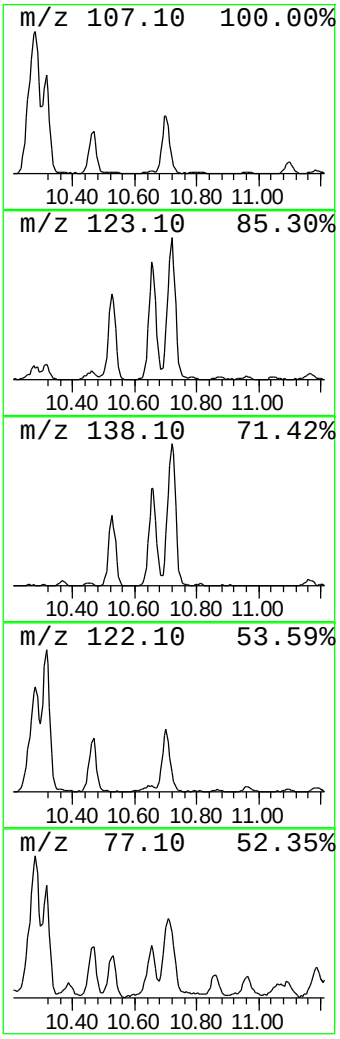
Peak Number 22 Phenol, 2-methoxy-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	39.65 ng/ul	403552	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	95
2	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	94
3	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	93
4	2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	76
5	2-Methoxy-6-methylphenol	138	C8H10O2	002896-67-5	70





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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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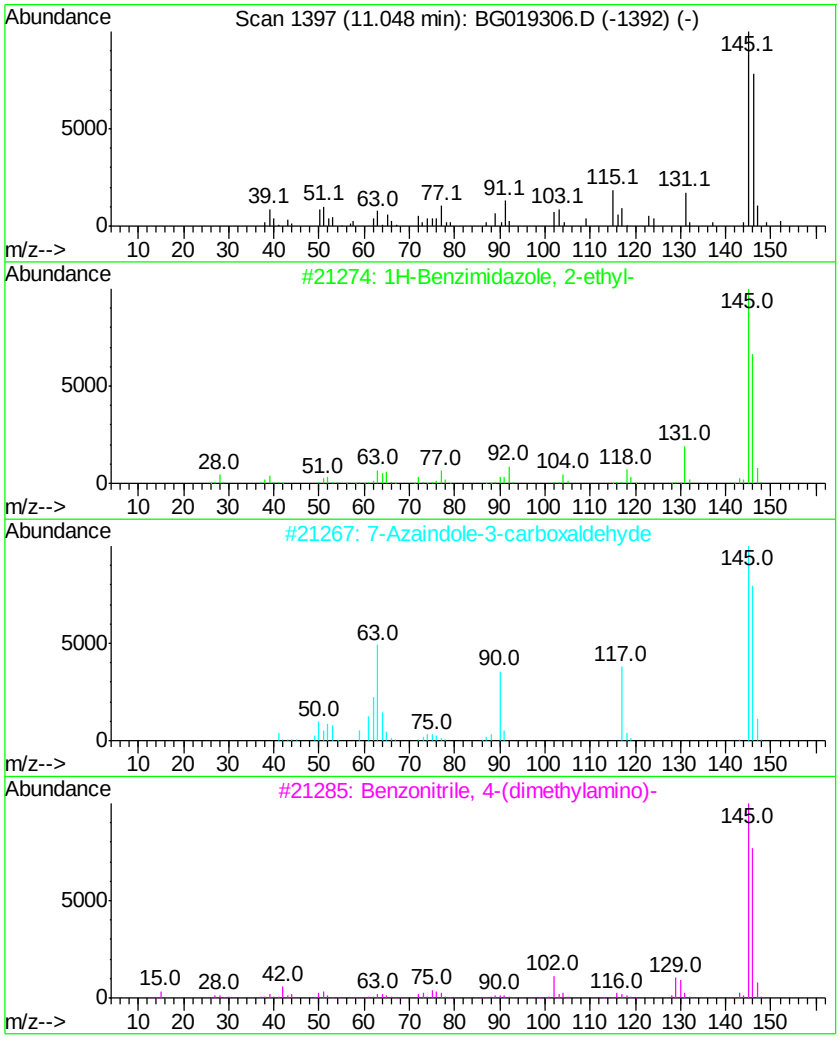
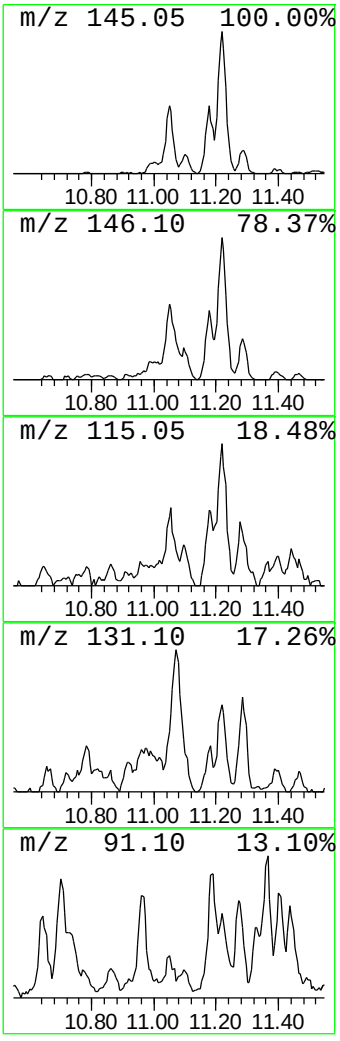
Peak Number 23 1H-Benzimidazole, 2-ethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	7.50 ng/ul	76337	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2	7-Azaindole-3-carboxaldehyde	146	C8H6N2O	004649-09-6	64
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
5	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	50





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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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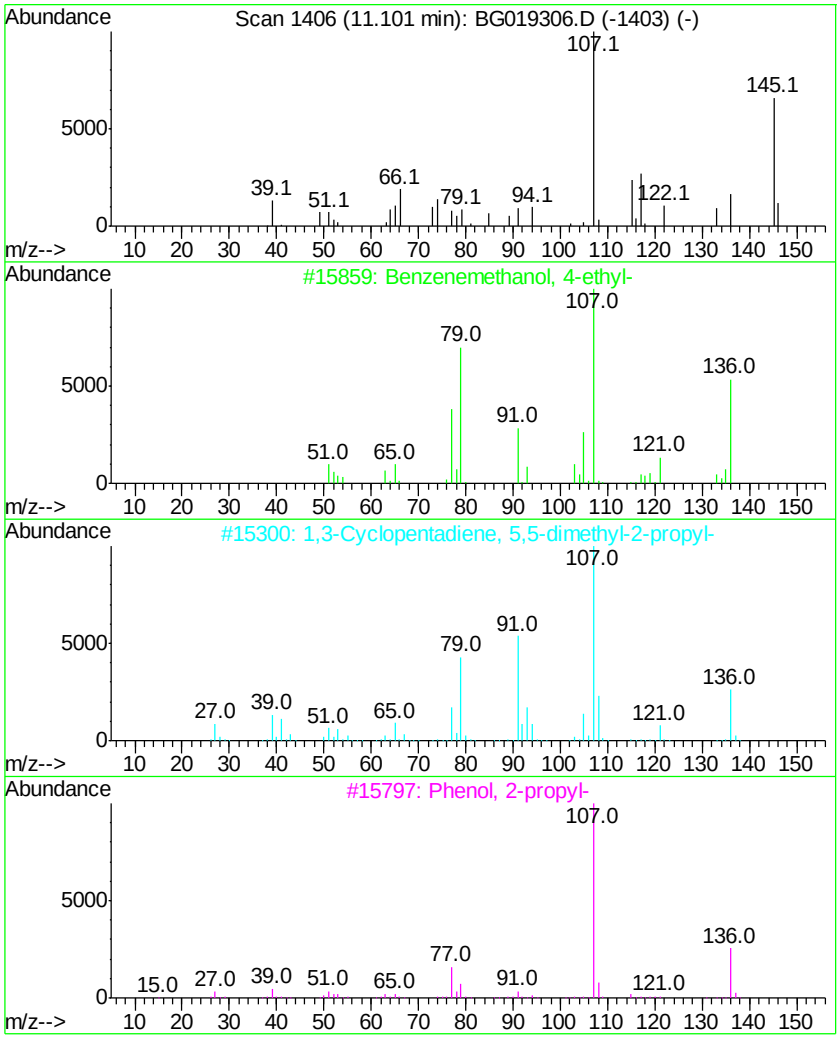
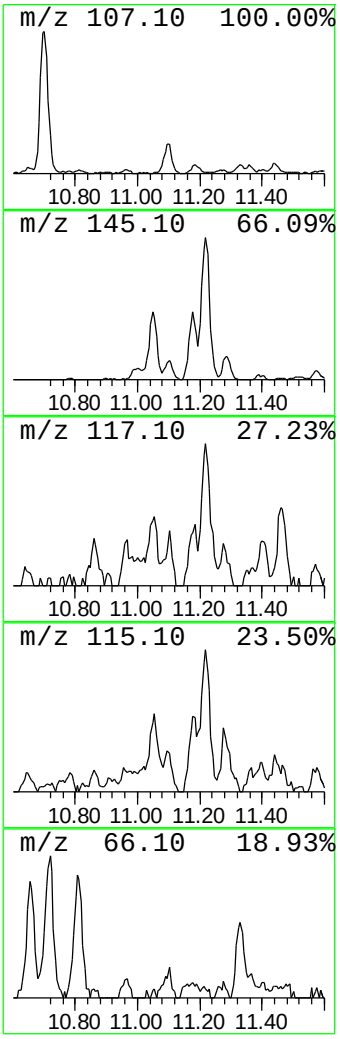
Peak Number 24 unknown-02 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	4.11 ng/ul	41871	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 4-ethyl-	136	C9H12O	000768-59-2	43
2	1,3-Cyclopentadiene, 5,5-dimethy...	136	C10H16	1000163-57-0	43
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	38
4	Phenol, 3-propyl-	136	C9H12O	000621-27-2	37
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	27





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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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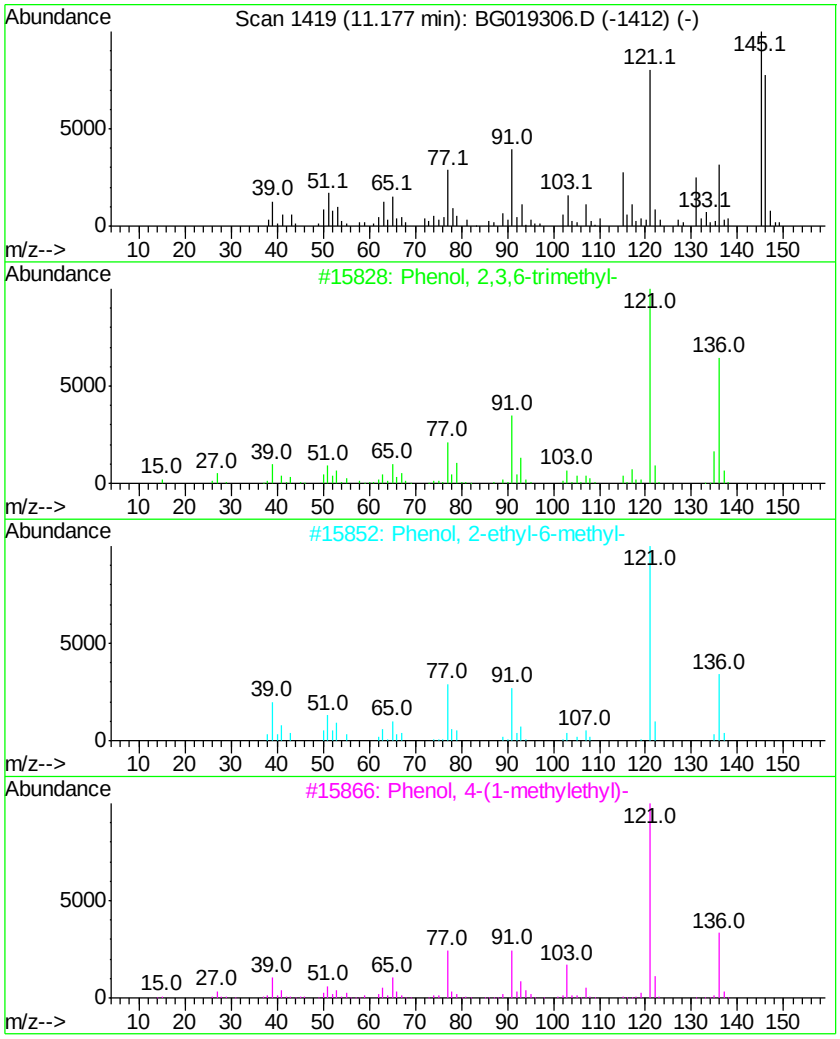
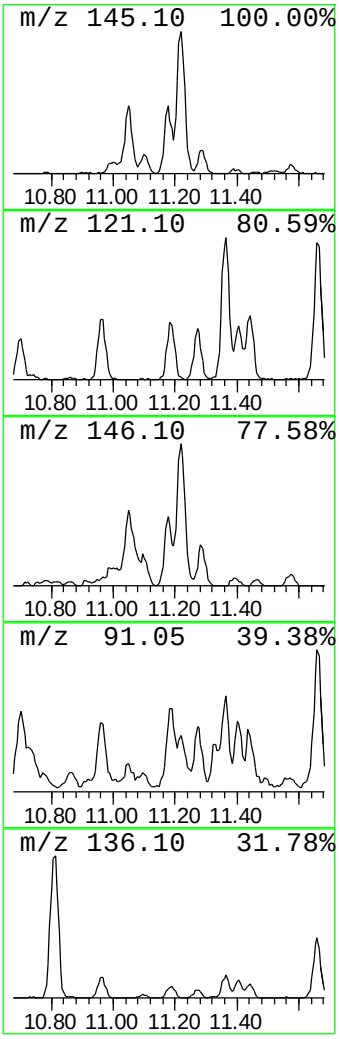
Peak Number 25 Phenol, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	16.55 ng/ul	168412	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	50
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	46
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	46
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	45
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	45





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Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

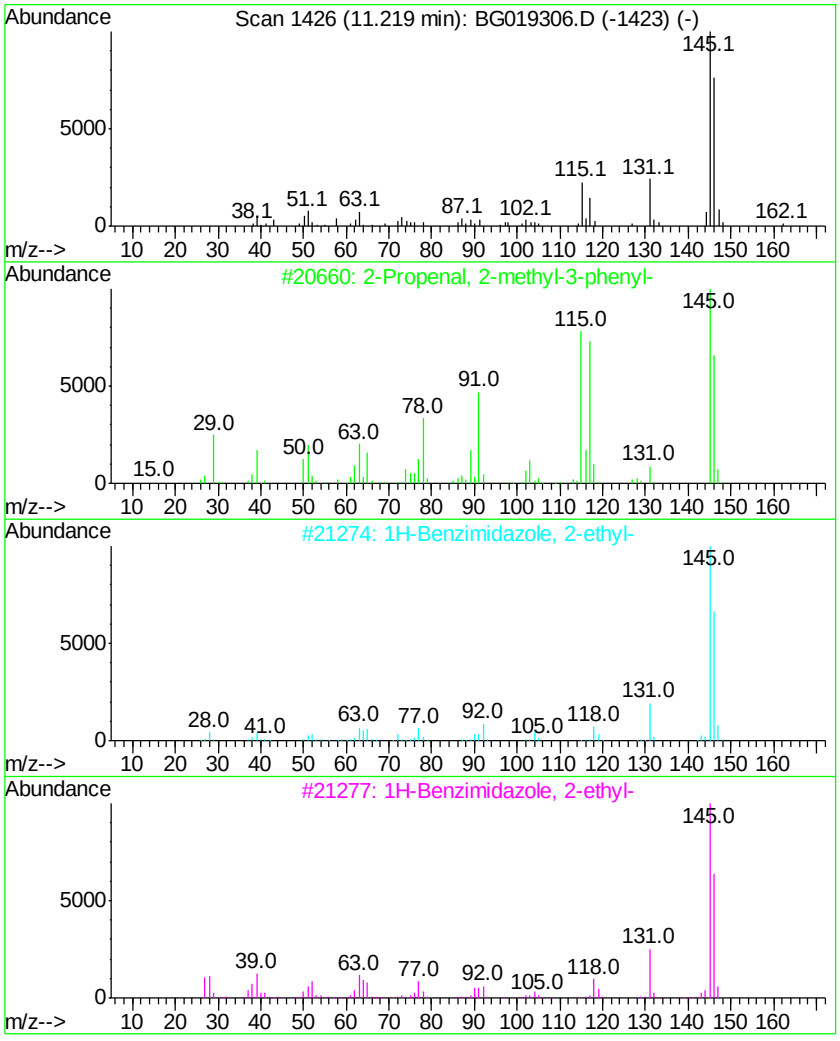
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

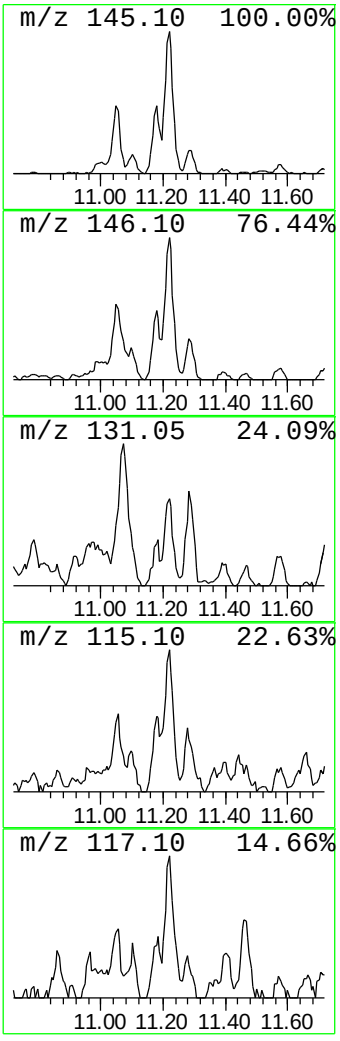
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	11.46 ng/ul	116612	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
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





Library Search Compound Report

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Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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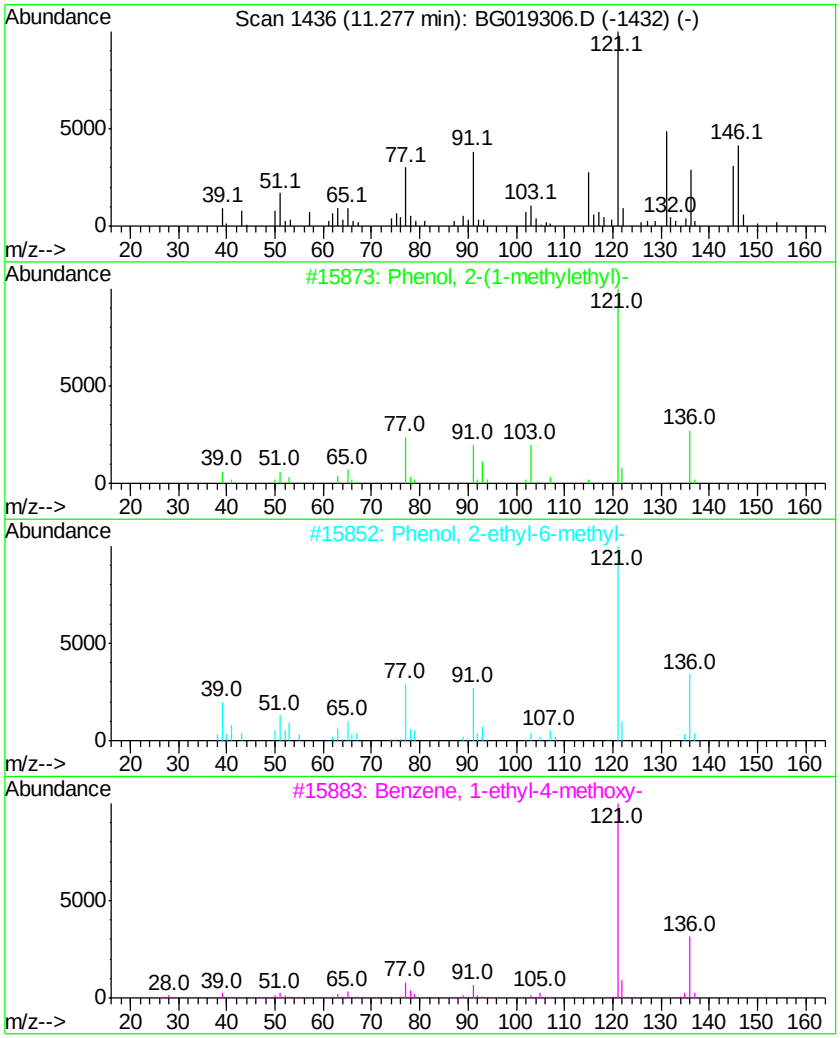
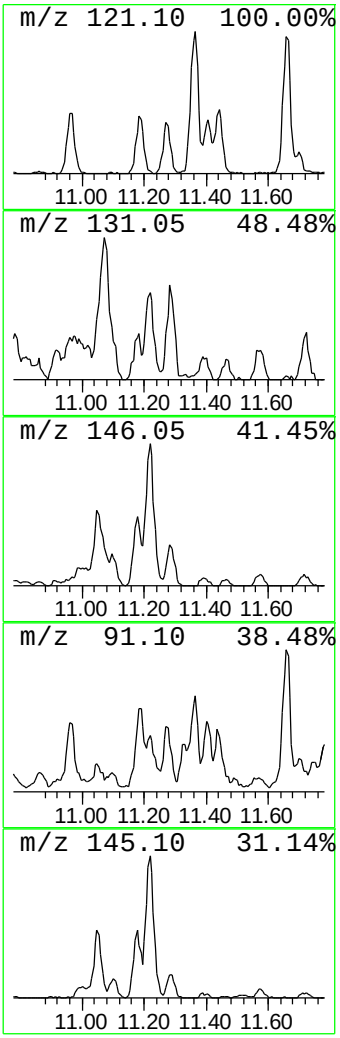
Peak Number 27 unknown-03 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	6.71 ng/ul	68340	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	43
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	43
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	38
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	38
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	38





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Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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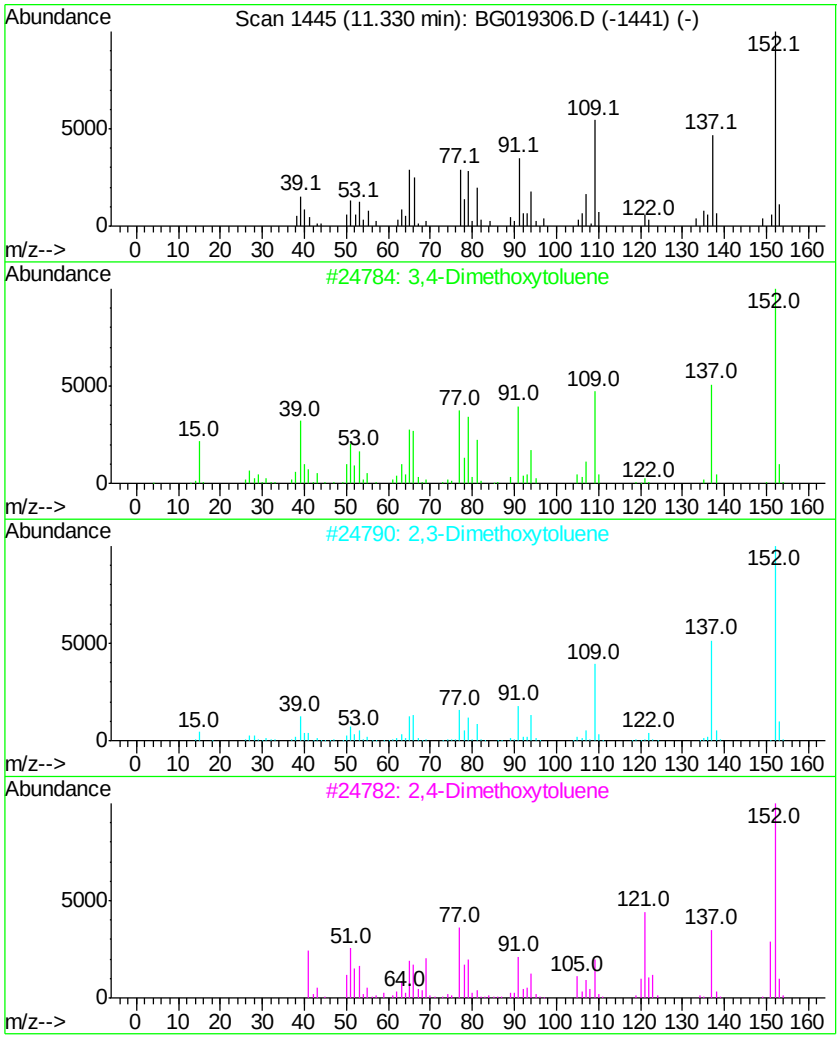
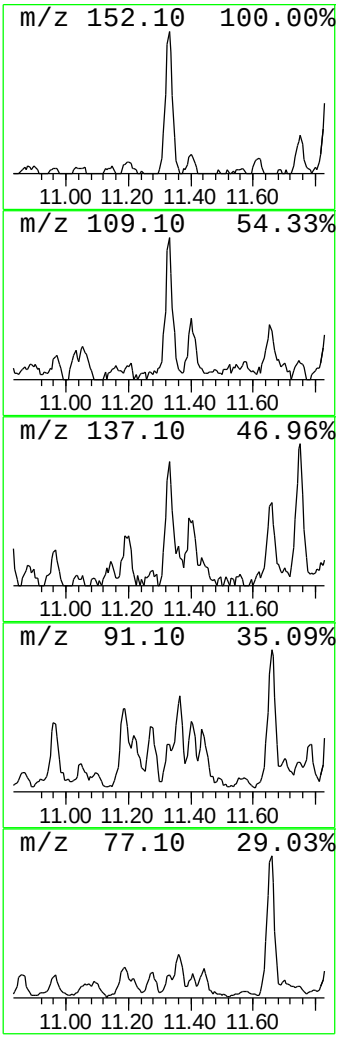
Peak Number 28 3,4-Dimethoxytoluene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	5.44 ng/ul	55380	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethoxytoluene	152	C9H12O2	000494-99-5	95
2	2,3-Dimethoxytoluene	152	C9H12O2	004463-33-6	91
3	2,4-Dimethoxytoluene	152	C9H12O2	038064-90-3	80
4	3,4-Dimethoxytoluene	152	C9H12O2	000494-99-5	59
5	1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	50





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Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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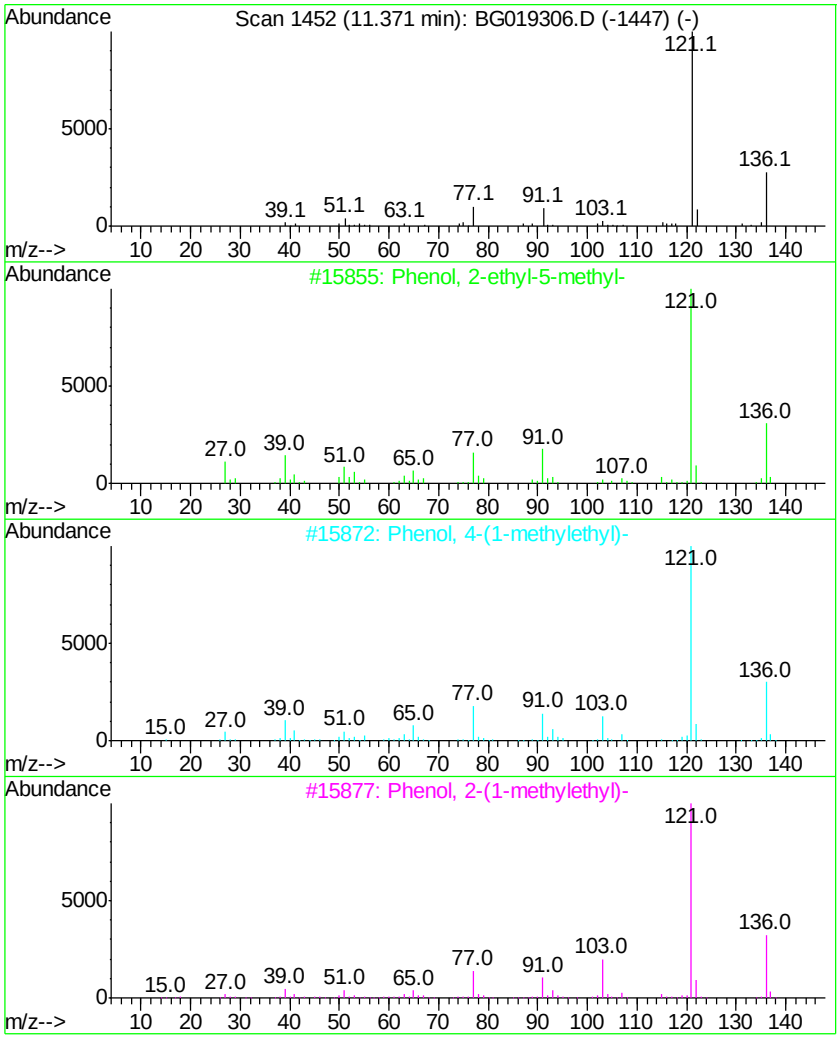
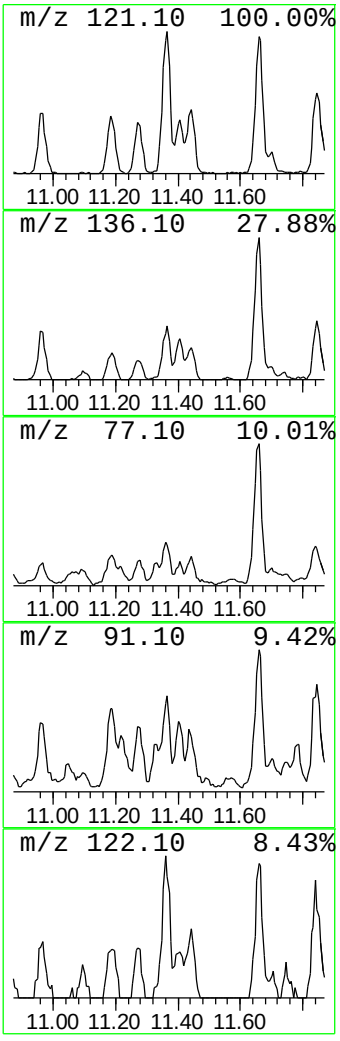
Peak Number 29 Phenol, 2-ethyl-5-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	9.20 ng/ul	93643	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	83
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	78
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	78
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	78





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Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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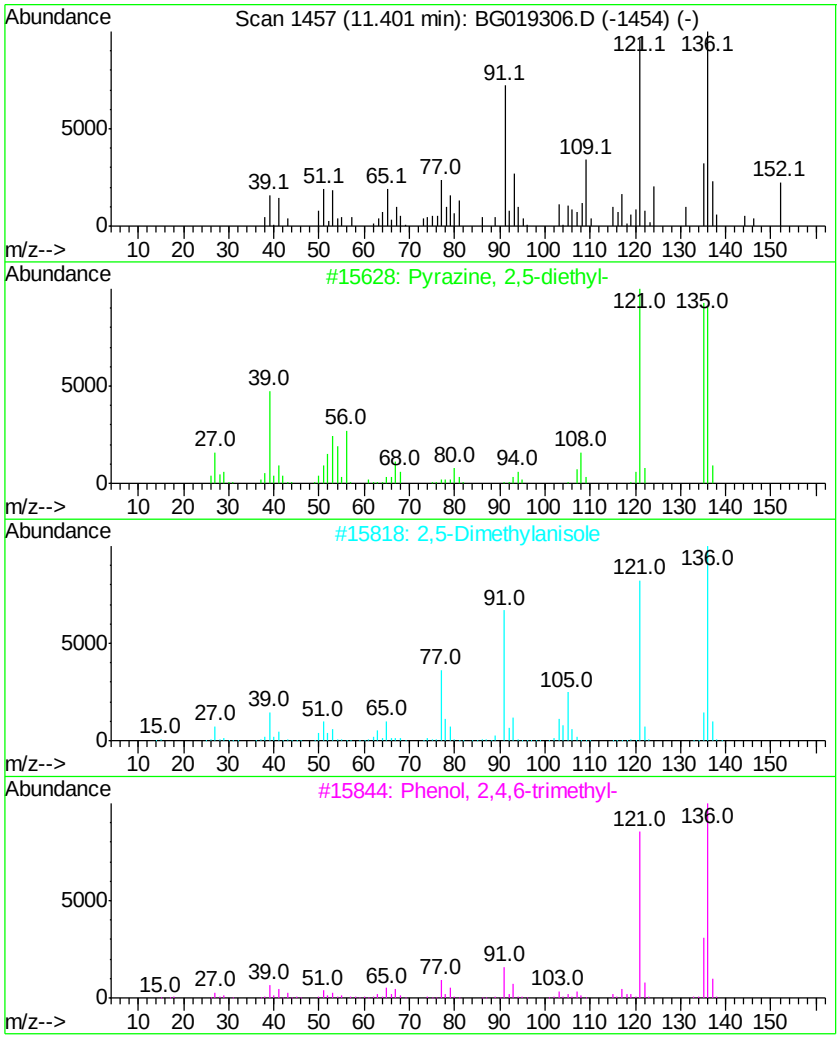
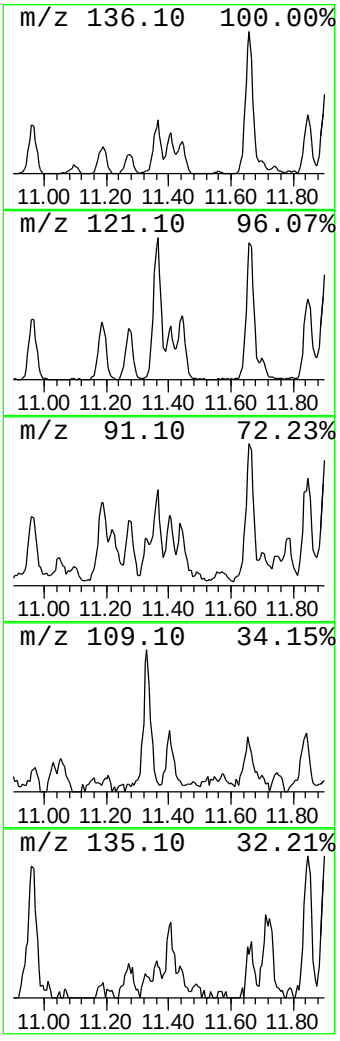
Peak Number 30 Pyrazine, 2,5-diethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	5.91 ng/ul	60154	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazine, 2,5-diethyl-	136	C8H12N2	013238-84-1	53
2	2,5-Dimethylanisole	136	C9H12O	001706-11-2	53
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	52
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	49
5	2,3-Dimethylanisole	136	C9H12O	002944-49-2	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

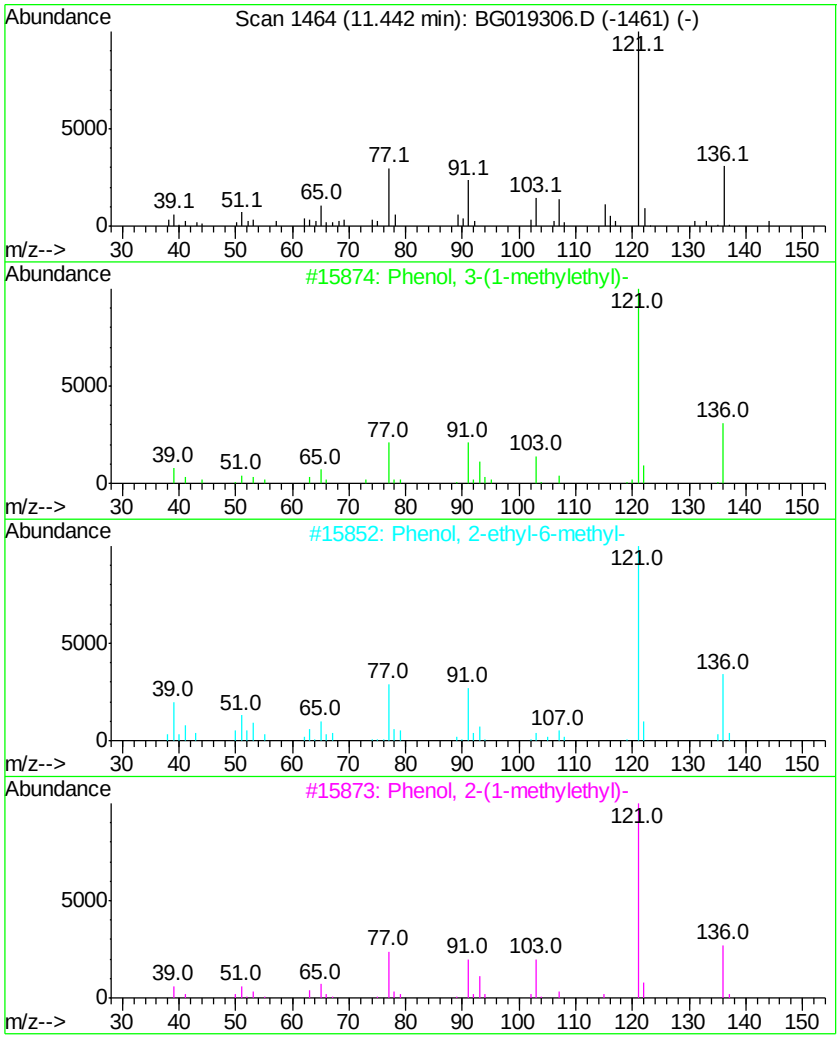
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

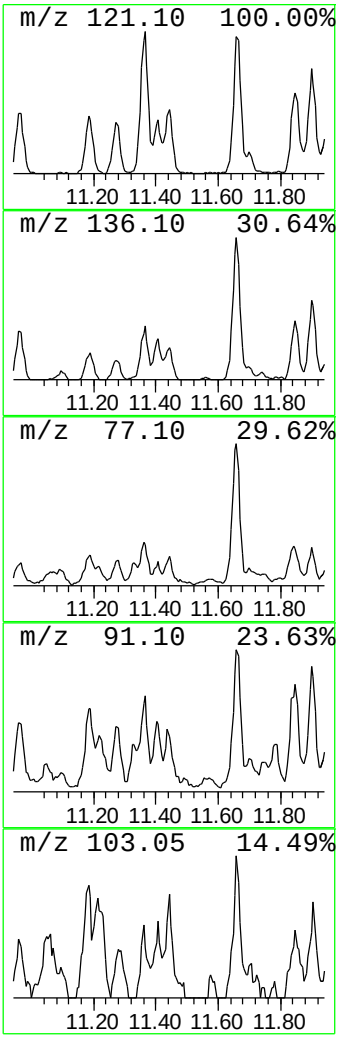
****

Peak Number 31 Phenol, 3-(1-methylethyl)- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	3.80 ng/ul	38629	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	72
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	72
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	68
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	64
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

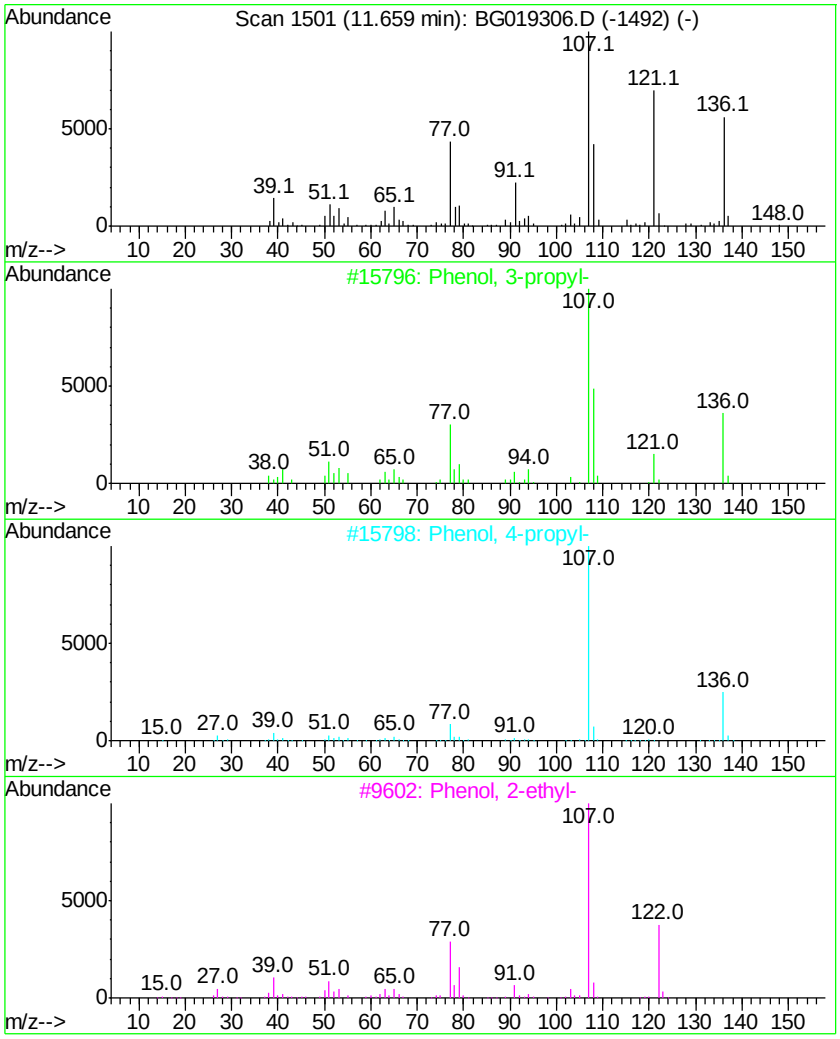
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

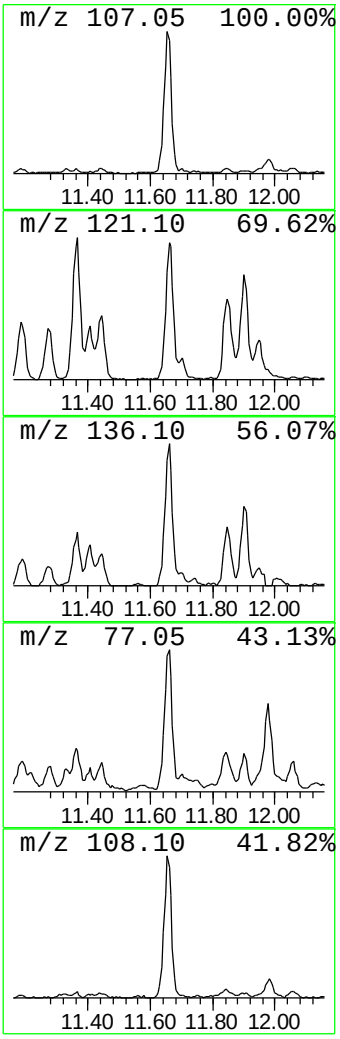
****

Peak Number 32 Phenol, 3-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	37.36 ng/ul	380247	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	64
2	Phenol, 4-propyl-	136	C9H12O	000645-56-7	47
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	43
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	41
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	41





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

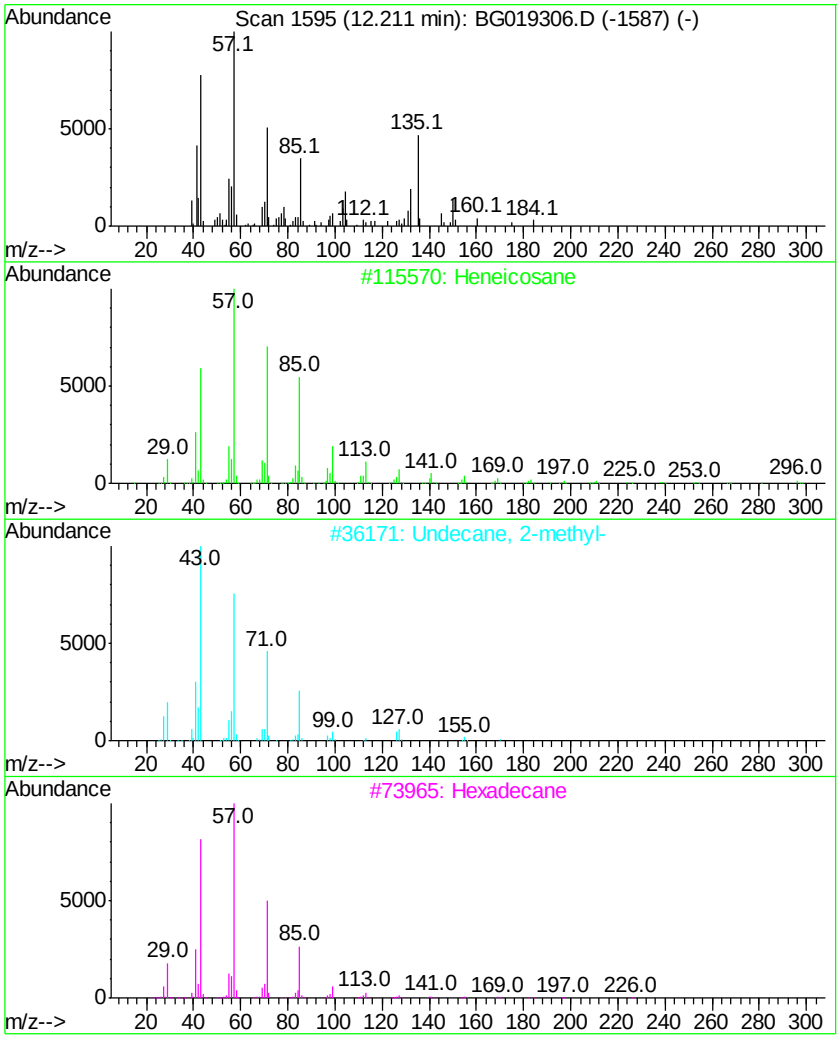
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

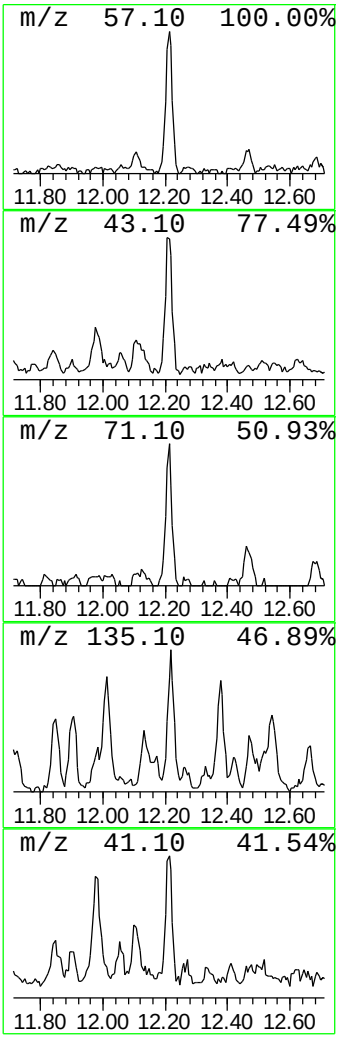
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	14.01 ng/ul	142613	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	14
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	14
3	Hexadecane	226	C16H34	000544-76-3	14
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	14
5	Propanoic acid, 2,2-dimethyl-, [...	394	C19H23BrO4	1000259-10-7	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

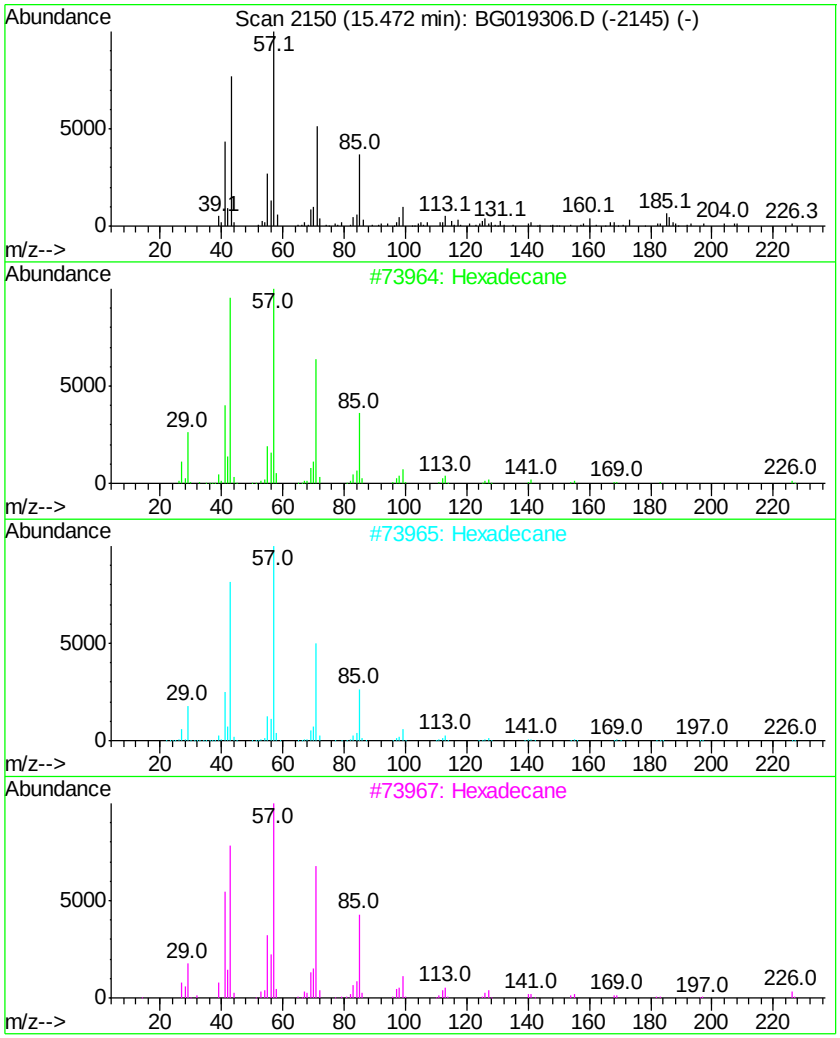
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

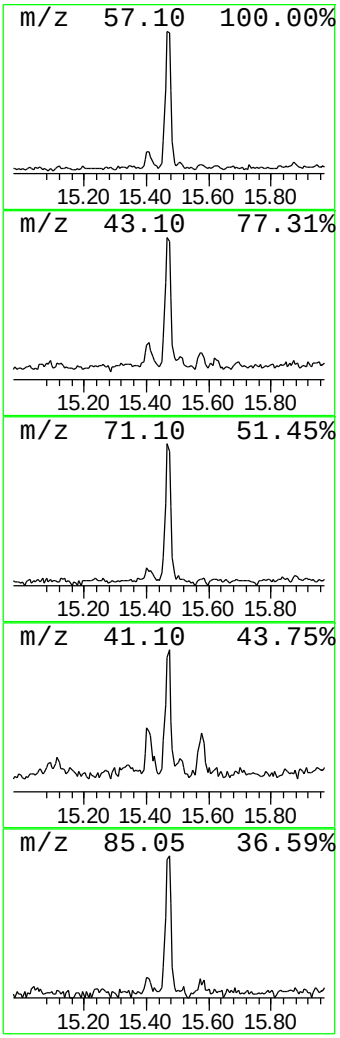
****

Peak Number 60 (DEL) Alkane: Branched15.47 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	5.28 ng/ul	99830	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	92
4	Hexadecane	226	C16H34	000544-76-3	74
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

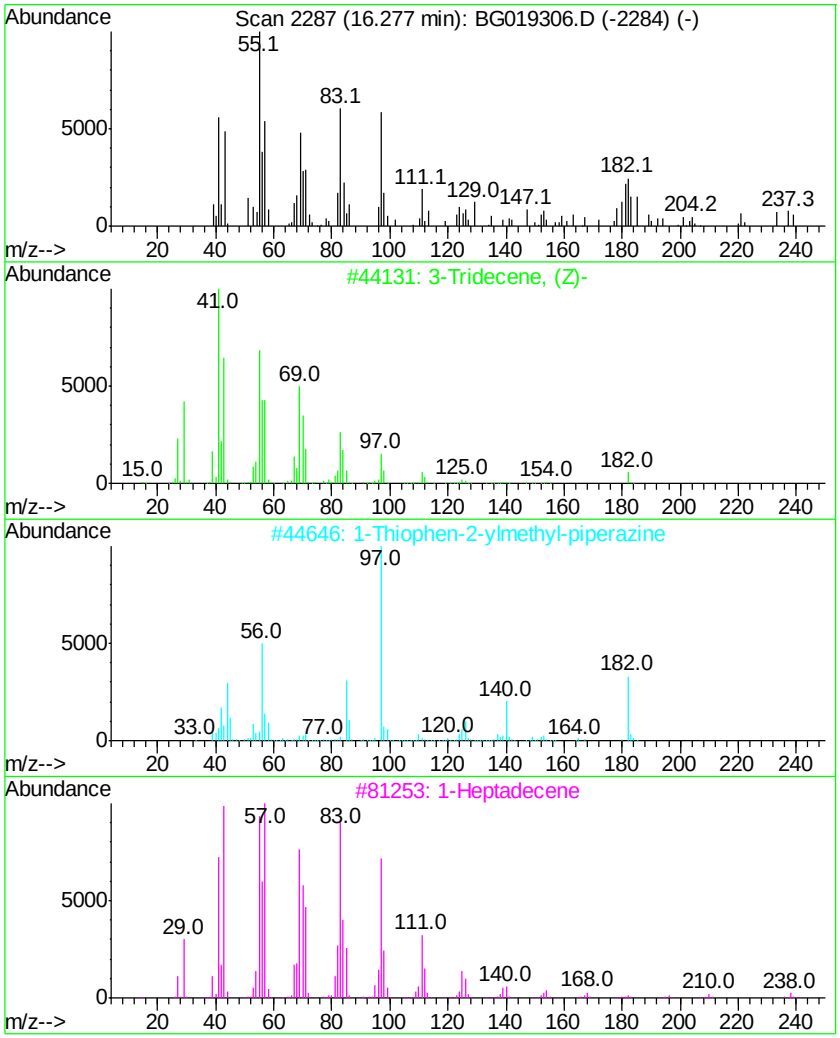
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

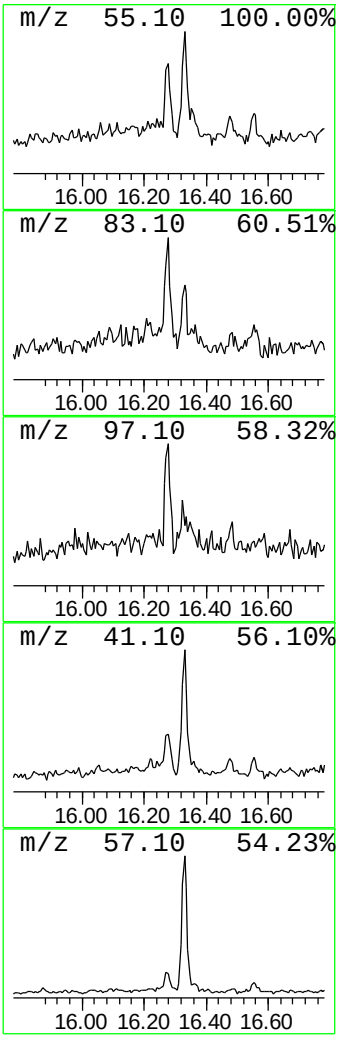
****

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.17 ng/ul	36226	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tridecene, (Z)-	182	C13H26	041446-53-1	38
2	1-Thiophen-2-ylmethyl-piperazine	182	C9H14N2S	039244-79-6	38
3	1-Heptadecene	238	C17H34	006765-39-5	38
4	Cyclopropane, 1-methyl-1-(2-meth...	238	C17H34	041977-41-7	35
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

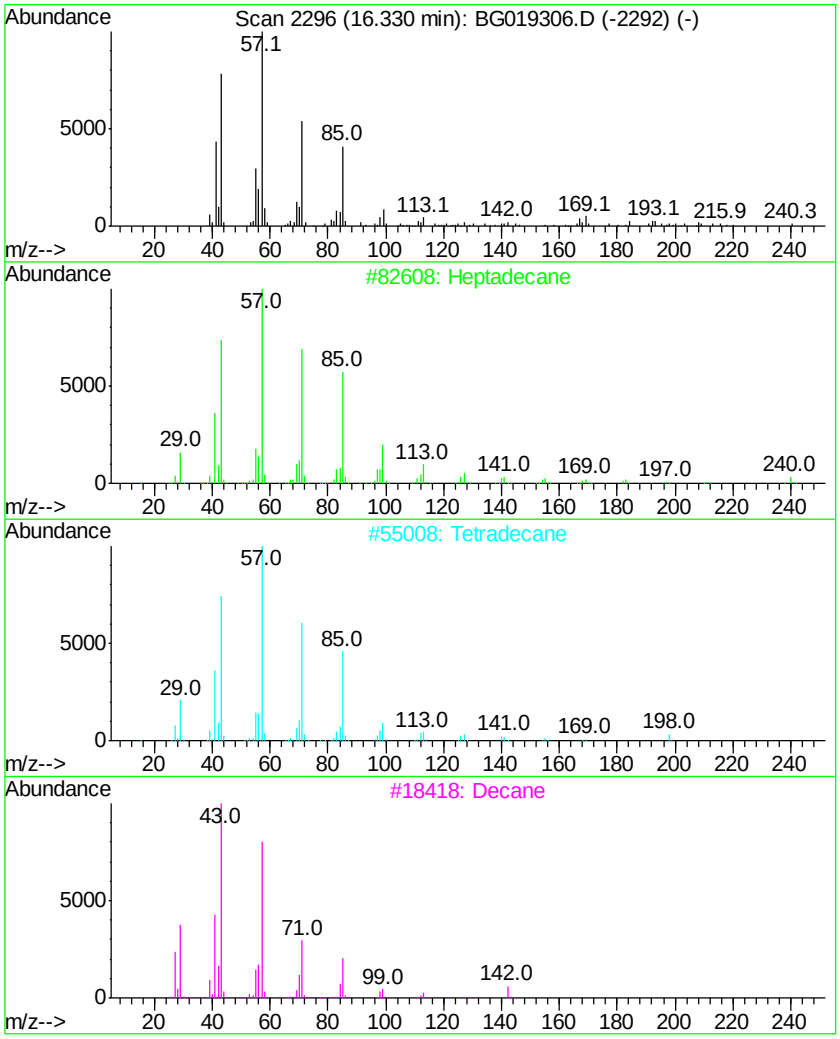
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

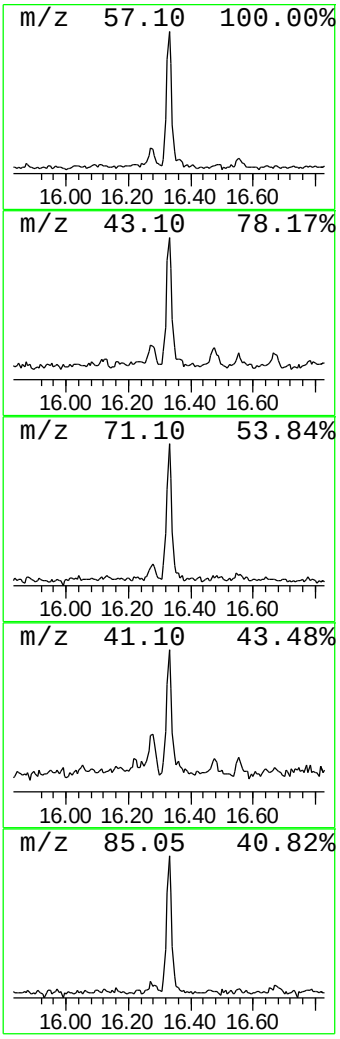
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Branched16.33 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	5.16 ng/ul	86026	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Decane	142	C10H22	000124-18-5	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Tridecane	184	C13H28	000629-50-5	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

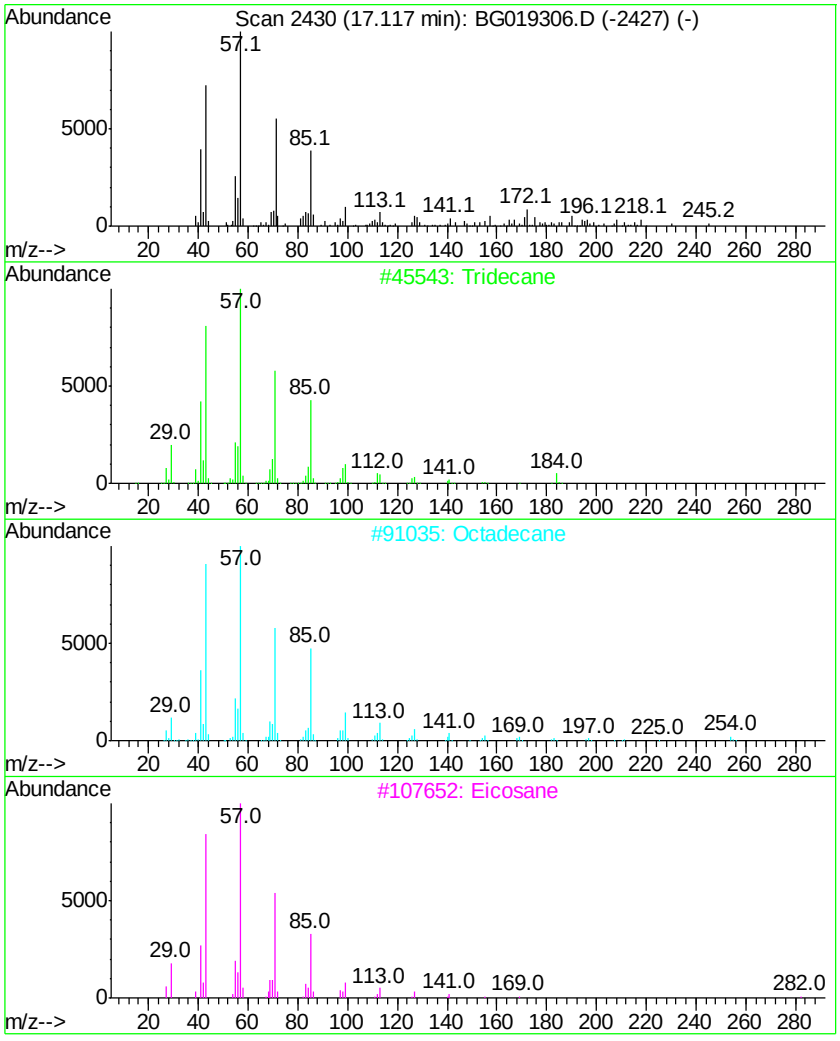
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

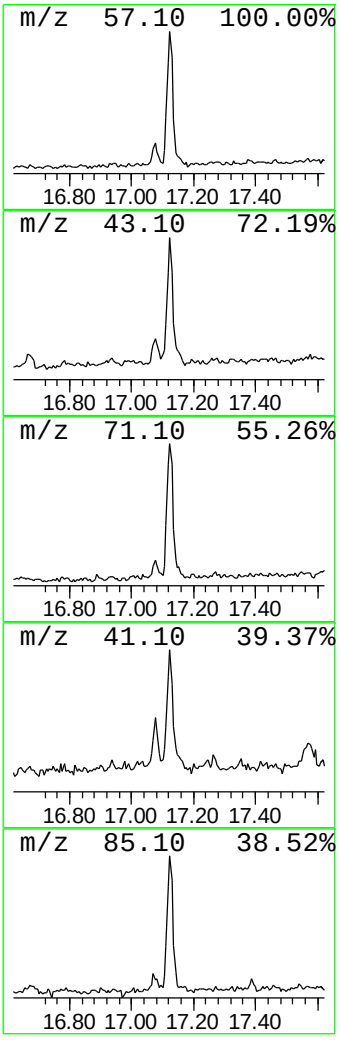
****

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	6.14 ng/ul	102379	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Octadecane	254	C18H38	000593-45-3	81
3	Eicosane	282	C20H42	000112-95-8	81
4	Octacosane	394	C28H58	000630-02-4	81
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

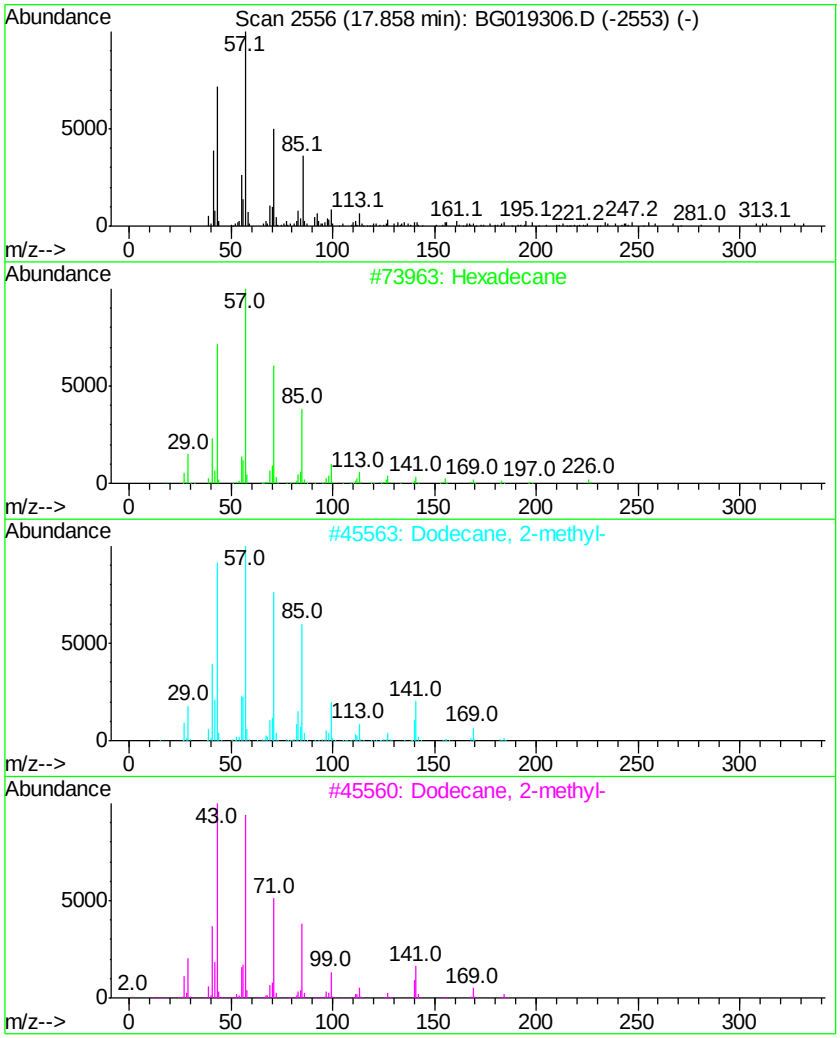
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

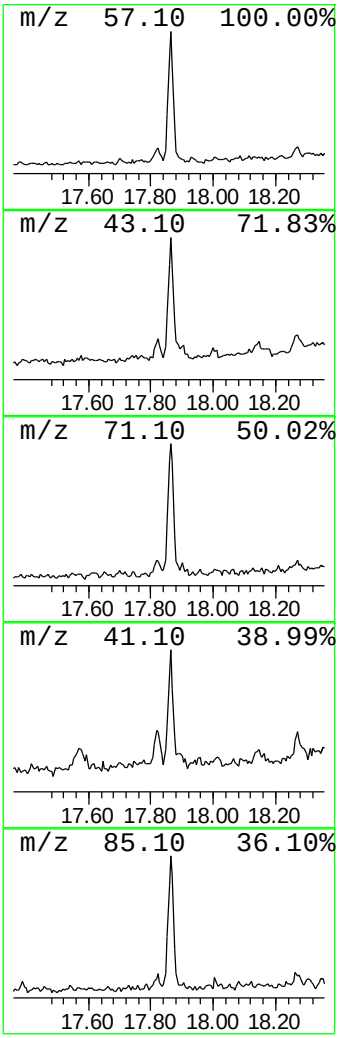
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 (DEL) Alkane: Branched17.86 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	8.32 ng/ul	138728	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	89
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Tetradecane	198	C14H30	000629-59-4	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

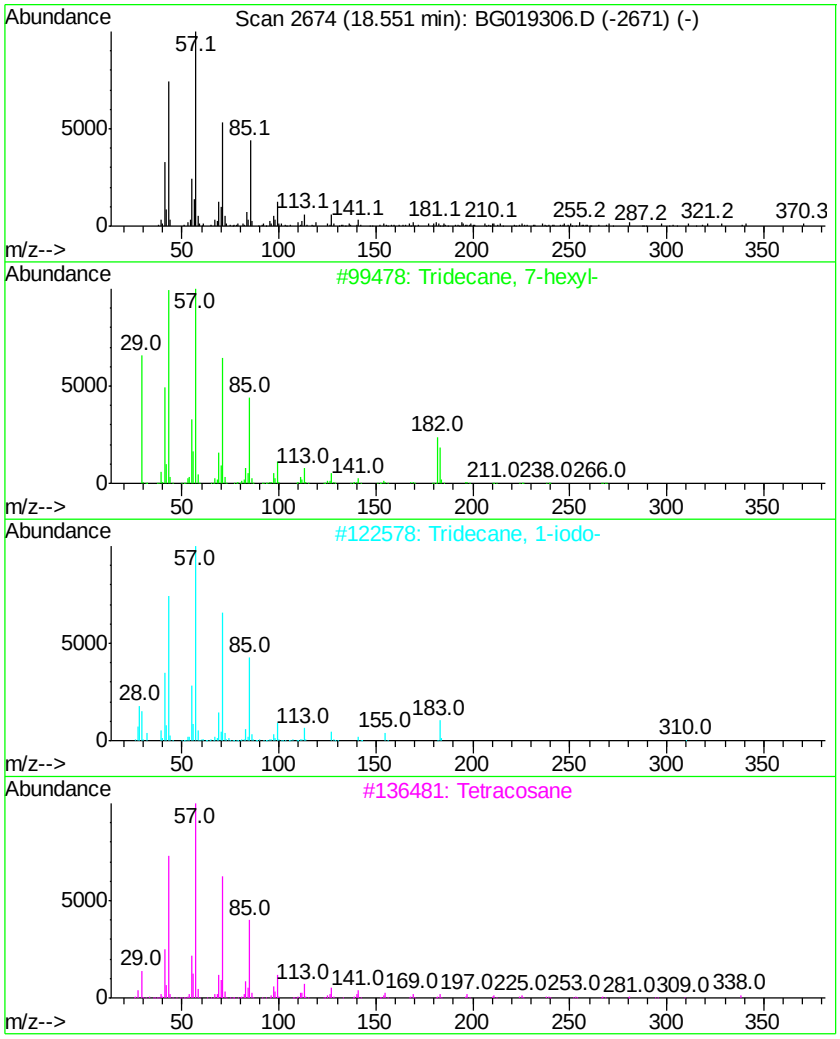
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

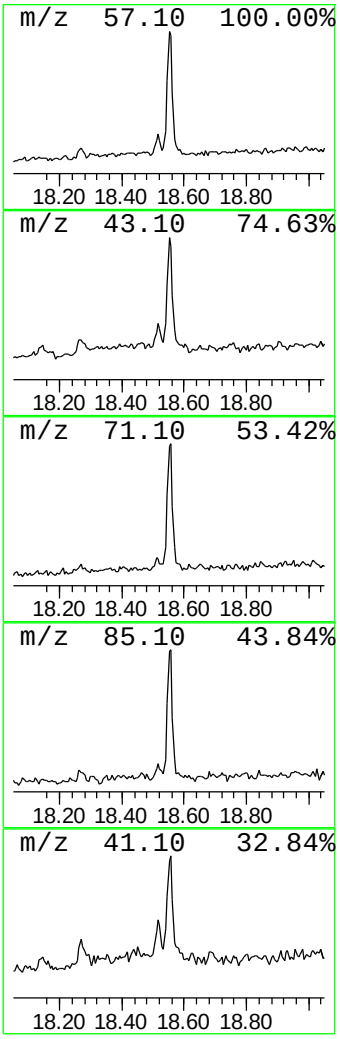
****

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	5.44 ng/ul	90713	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

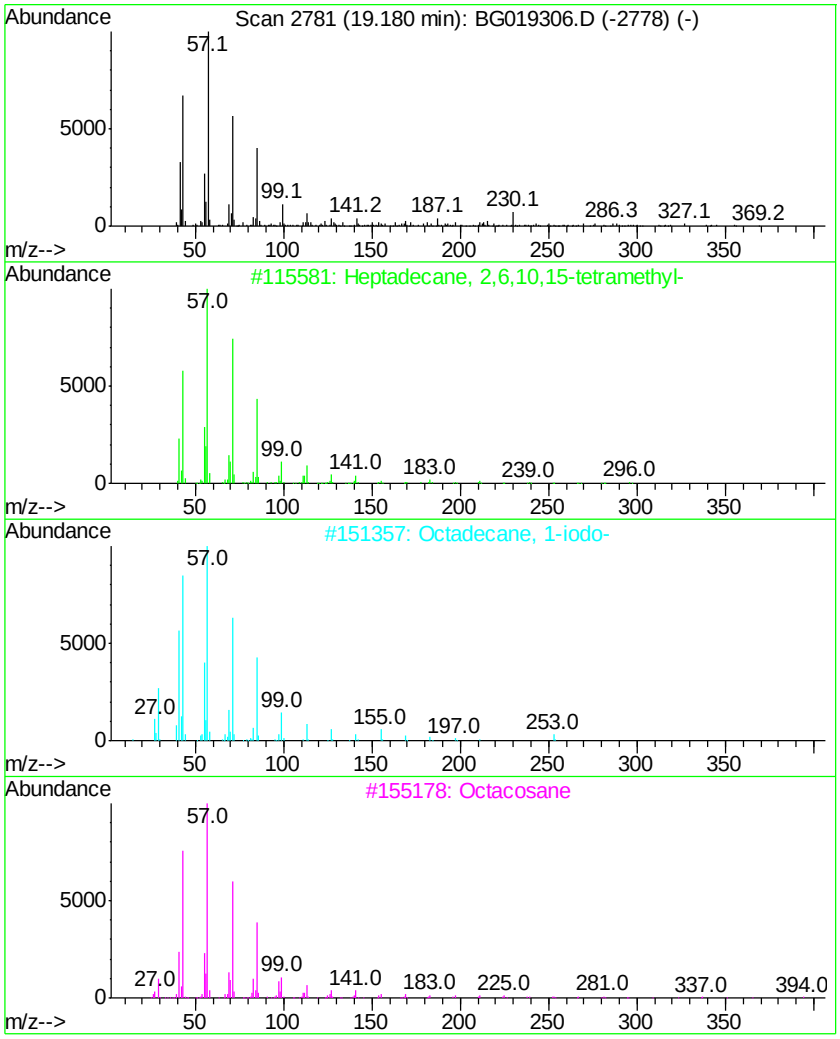
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

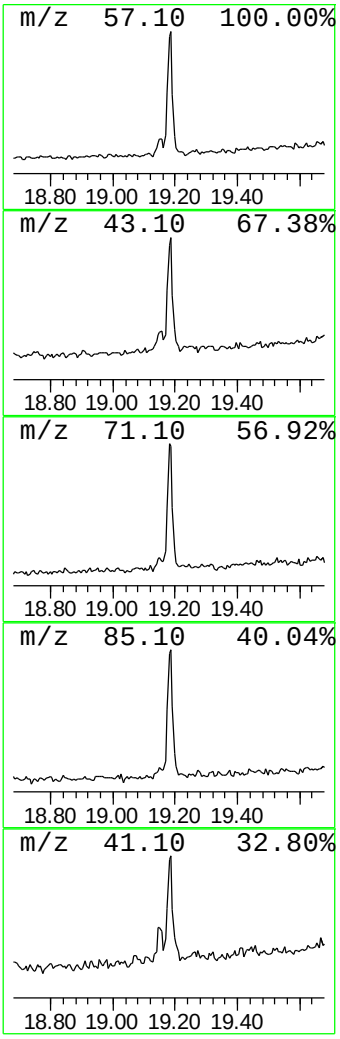
****

Peak Number 73 (DEL) Alkane: Branched19.18 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	10.99 ng/ul	183196	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
3	Octacosane	394	C28H58	000630-02-4	83
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

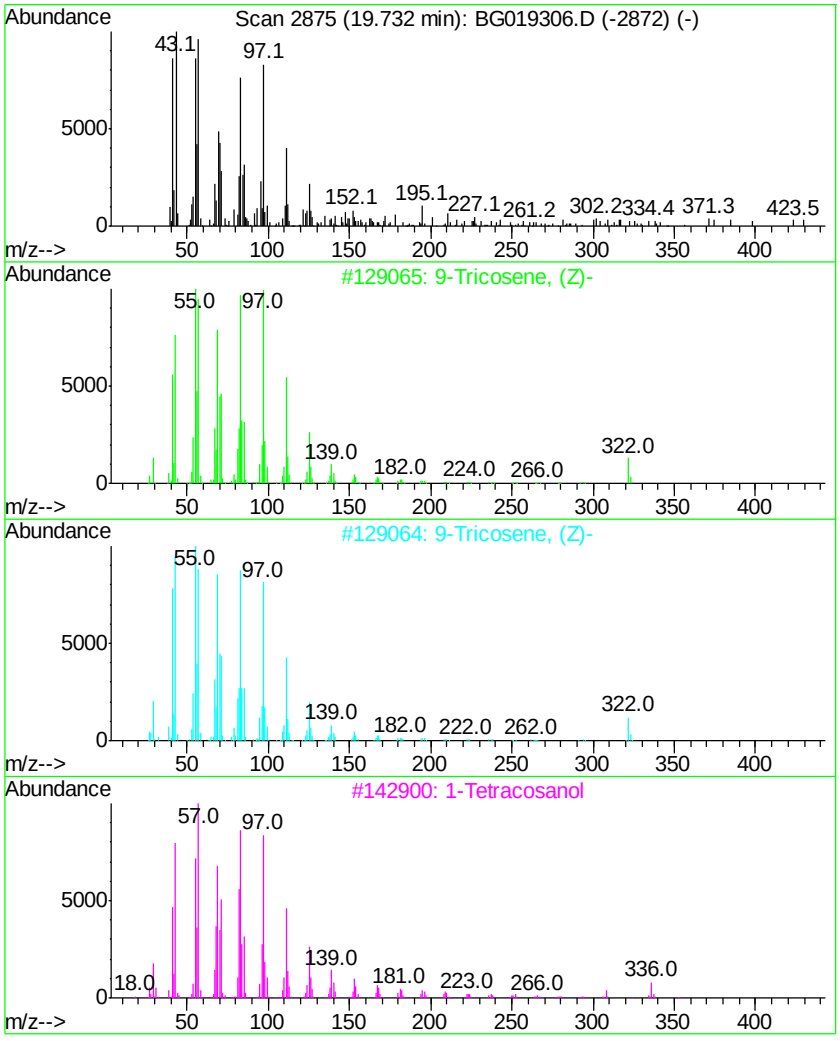
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

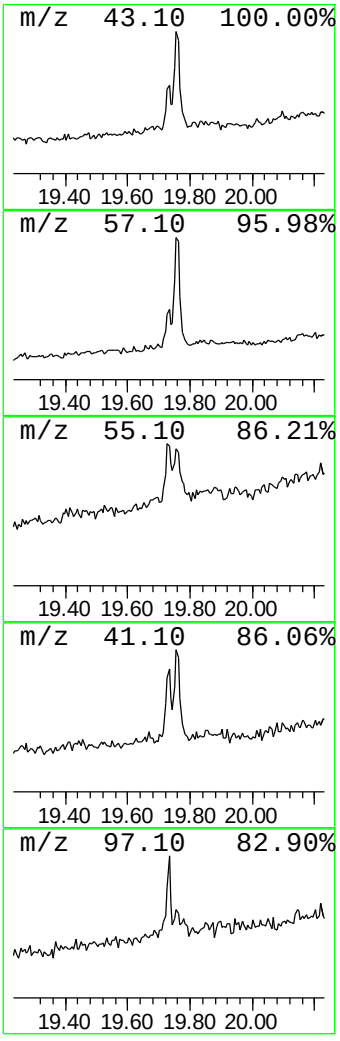
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	4.08 ng/ul	78882	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	87
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	86
5	1-Pentadecene	210	C15H30	013360-61-7	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102115\
Data File : BG019306.D
Acq On : 22 Oct 2015 7:28
Operator : UM/NP
Sample : G3996-18RXDL 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK7RXDL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentanone, 2...	6.72	5.9	ng/ul	42673	1	8.00	145444	20.0
Benzene, 1,2,3-tr...	7.65	4.9	ng/ul	35515	1	8.00	145444	20.0
Benzofuran	7.72	7.4	ng/ul	53860	1	8.00	145444	20.0
2-Cyclopenten-1-o...	8.28	14.2	ng/ul	102904	1	8.00	145444	20.0
Benzene, 1-propynyl-	8.53	5.0	ng/ul	36625	1	8.00	145444	20.0
Cyclopent-2-ene-1...	8.66	13.8	ng/ul	100387	1	8.00	145444	20.0
2-Cyclopenten-1-o...	8.94	5.7	ng/ul	41435	1	8.00	145444	20.0
Phenol, 2-methoxy-	9.10	40.9	ng/ul	297681	1	8.00	145444	20.0
Ethanone, 1-(1-cy...	9.29	8.7	ng/ul	63051	1	8.00	145444	20.0
Benzofuran, 2-met...	9.36	5.7	ng/ul	41692	1	8.00	145444	20.0
Phenol, 2,6-dimet...	9.44	18.2	ng/ul	184832	2	10.81	203546	20.0
Phenol, 2-ethyl-	9.79	13.7	ng/ul	138976	2	10.81	203546	20.0
Benzene, 1,2-dime...	9.91	6.7	ng/ul	68118	2	10.81	203546	20.0
Benzene,1-methyl-...	10.21	7.6	ng/ul	77584	2	10.81	203546	20.0
Phenol, 3-ethyl-	10.28	41.6	ng/ul	423717	2	10.81	203546	20.0
Phenol, 2,5-dimet...	10.31	30.1	ng/ul	306827	2	10.81	203546	20.0
unknown-01	10.37	3.5	ng/ul	35175	2	10.81	203546	20.0
Phenol, 2,3-dimet...	10.46	17.5	ng/ul	177797	2	10.81	203546	20.0
2-Methoxy-6-methy...	10.53	14.4	ng/ul	146289	2	10.81	203546	20.0
Phenol, 2-methoxy...	10.71	39.6	ng/ul	403552	2	10.81	203546	20.0
1H-Benzimidazole,...	11.05	7.5	ng/ul	76337	2	10.81	203546	20.0
unknown-02	11.10	4.1	ng/ul	41871	2	10.81	203546	20.0
Phenol, 2,3,6-tri...	11.18	16.6	ng/ul	168412	2	10.81	203546	20.0
2-Propenal, 2-met...	11.22	11.5	ng/ul	116612	2	10.81	203546	20.0
unknown-03	11.28	6.7	ng/ul	68340	2	10.81	203546	20.0
3,4-Dimethoxytoluene	11.33	5.4	ng/ul	55380	2	10.81	203546	20.0
Phenol, 2-ethyl-5...	11.37	9.2	ng/ul	93643	2	10.81	203546	20.0
Pyrazine, 2,5-die...	11.40	5.9	ng/ul	60154	2	10.81	203546	20.0
Phenol, 3-(1-meth...	11.44	3.8	ng/ul	38629	2	10.81	203546	20.0
Phenol, 3-propyl-	11.66	37.4	ng/ul	380247	2	10.81	203546	20.0
(DEL) Alkane: Str...	12.21	14.0	ng/ul	142613	2	10.81	203546	20.0
(DEL) Alkane: Bra...	15.47	5.3	ng/ul	99830	3	14.64	377913	20.0
(DEL) Alkane: Str...	16.28	2.2	ng/ul	36226	4	17.39	333287	20.0
(DEL) Alkane: Bra...	16.33	5.2	ng/ul	86026	4	17.39	333287	20.0
(DEL) Alkane: Str...	17.12	6.1	ng/ul	102379	4	17.39	333287	20.0
(DEL) Alkane: Bra...	17.86	8.3	ng/ul	138728	4	17.39	333287	20.0
(DEL) Alkane: Str...	18.55	5.4	ng/ul	90713	4	17.39	333287	20.0
(DEL) Alkane: Bra...	19.18	11.0	ng/ul	183196	4	17.39	333287	20.0
(DEL) Alkane: Str...	19.73	4.1	ng/ul	78882	5	21.65	386994	20.0