LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

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\SOM-EPA-BG080217.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	3.841	39	43	53	rVB6	9090	18146	1.06%	0.110%
2	4.100	78	87	93	rBV3	19579	35293	2.07%	0.214%
3	4.323	120	125	127	rBV3	8984	12081	0.71%	0.073%
4	4.352	127	130	136	rVB4	10966	19491	1.14%	0.118%
5	4.429	138	143	148	rVB4	9911	16300	0.96%	0.099%
6	4.852	211	215	225	rVB6	6942	16922	0.99%	0.103%
7	5.328	291	296	300	rBV3	10470	19802	1.16%	0.120%
8	5.510	321	327	331	rBV2	20192	30280	1.78%	0.184%
9	5.563	332	336	341	rVB6	9638	16038	0.94%	0.097%
10	6.256	449	454	460	rVV2	10533	17420	1.02%	0.106%
11	6.826	542	551	555	rVV2	16261	29415	1.73%	0.178%
12	6.873	555	559	564	rVB5	8337	15108	0.89%	0.092%
13	7.002	578	581	588	rBV5	9132	15437	0.91%	0.094%
14	7.414	646	651	660	rVB7	4179	13416	0.79%	0.081%
15	7.502	660	666	675	rBV2	34284	73569	4.32%	0.446%
16	7.666	687	694	704	rBV	100547	178265	10.46%	1.081%
17	7.889	723	732	742	rBV2	110341	215092	12.62%	1.304%
18	8.354	805	811	818	rBV2	128192	235317	13.80%	1.427%
19	8.636	847	859	867	rVB9	6848	28790	1.69%	0.175%
20	8.730	867	875	884	rBV2	57958	110501	6.48%	0.670%
21	8.835	887	893	899	rBV3	19866	32327	1.90%	0.196%
22	8.982	913	918	923	rBV5	12192	21657	1.27%	0.131%
23	9.047	923	929	940	rVV	103738	200798	11.78%	1.217%
24	9.153	940	947	951	rVV4	7962	11640	0.68%	0.071%
25	9.452	991	998	1003	rBV6	22484	43136	2.53%	0.262%
26	9.523	1003	1010	1023	rVB2	158058	329045	19.30%	1.995%
27	9.681	1034	1037	1046	rVB7	7978	18701	1.10%	0.113%
28	9.805	1050	1058	1069	rVB6	5837	15188	0.89%	0.092%
29	10.046	1093	1099	1106	rBV5	9548	18424	1.08%	0.112%
30	10.157	1114	1118	1124	rVB6	6027	12012	0.70%	0.073%
31	10.246	1124	1133	1143	rBV	124227	248027	14.55%	1.504%
32	10.345	1145	1150	1157	rBV9	8668	19979	1.17%	0.121%
33	10.557	1176	1186	1194	rBV3	51977	96495	5.66%	0.585%
34	10.786	1218	1225	1233	rVV	177240	346332	20.32%	2.100%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

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\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	10.851	1233	1236	1245	rVV6	9434	19982	1.17%	0.121%
36	11.039	1259	1268	1277	rBV8	6558	23070	1.35%	0.140%
37	11.174	1277	1291	1303	rVV2	180927	402887	23.64%	2.443%
38	11.274	1303	1308	1322	rVV4	14586	43624	2.56%	0.264%
39	11.538	1345	1353	1360	rBV8	5540	14635	0.86%	0.089%
40	11.773	1380	1393	1399	rBV2	60951	130802	7.67%	0.793%
41	11.873	1406	1410	1418	rVB8	6845	17677	1.04%	0.107%
42	12.179	1456	1462	1469	rBV3	22363	42607	2.50%	0.258%
43	12.261	1469	1476	1484	rVB5	10757	24756	1.45%	0.150%
44	12.367	1486	1494	1502	rBV4	39971	86241	5.06%	0.523%
45	12.531	1513	1522	1529	rVB3	83041	159093	9.33%	0.965%
46	12.760	1554	1561	1565	rBV5	9079	17315	1.02%	0.105%
47	12.854	1573	1577	1588	rBV10	11682	38151	2.24%	0.231%
48	13.007	1596	1603	1606	rBV4	21630	44857	2.63%	0.272%
49	13.048	1606	1610	1616	rVV2	40208	88226	5.18%	0.535%
50	13.101	1616	1619	1627	rVB3	29606	57150	3.35%	0.346%
51	13.183	1628	1633	1639	rVB7	10519	20674	1.21%	0.125%
52	13.301	1647	1653	1659	rVB9	19043	40196	2.36%	0.244%
53	13.418	1671	1673	1679	rVB7	7672	13695	0.80%	0.083%
54	13.489	1679	1685	1693	rVB8	14915	38186	2.24%	0.232%
55	13.548	1693	1695	1703	rVB5	6844	14486	0.85%	0.088%
56	13.677	1703	1717	1720	rBV5	10462	38558	2.26%	0.234%
57	13.812	1738	1740	1749	rVB10	8377	17594	1.03%	0.107%
58	13.924	1755	1759	1769	rVB10	9249	19191	1.13%	0.116%
59	14.088	1779	1787	1791	rBV7	21832	45620	2.68%	0.277%
60	14.129	1791	1794	1799	rVV4	19032	32245	1.89%	0.195%
61	14.170	1799	1801	1807	rVB5	11781	18114	1.06%	0.110%
62	14.241	1807	1813	1817	rBV8	17076	36377	2.13%	0.221%
63	14.347	1824	1831	1844	rVB	489495	732672	42.98%	4.442%
64	14.576	1864	1870	1876	rVB10	10510	23596	1.38%	0.143%
65	14.652	1876	1883	1894	rBV	413916	687012	40.30%	4.165%
66	14.958	1925	1935	1947	rBV2	320840	566975	33.26%	3.437%
67	15.157	1959	1969	1981	rBV5	48568	133986	7.86%	0.812%
68	15.263	1984	1987	1991	rBV5	6960	12370	0.73%	0.075%
69	15.428	2010	2015	2020	rBV5	12008	22114	1.30%	0.134%
70	15.569	2033	2039	2046	rVB10	14990	31868	1.87%	0.193%
71	15.657	2048	2054	2063	rBV9	7342	24573	1.44%	0.149%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

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\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	15.868	2084	2090	2096	rBV8	15464	38424	2.25%	0.233%
73	15.945	2096	2103	2114	rVB	626820	992844	58.25%	6.019%
74	16.056	2116	2122	2130	rBV	324665	504151	29.58%	3.057%
75	16.127	2131	2134	2139	rVB6	10899	18463	1.08%	0.112%
76	16.186	2141	2144	2152	rVB9	12310	22622	1.33%	0.137%
77	16.344	2169	2171	2179	rVB7	5575	11795	0.69%	0.072%
78	16.456	2184	2190	2198	rVB7	11248	25477	1.49%	0.154%
79	16.808	2246	2250	2255	rBV6	7332	15976	0.94%	0.097%
80	17.061	2289	2293	2296	rBV6	8206	15447	0.91%	0.094%
81	17.707	2395	2403	2411	rBV2	508112	783613	45.97%	4.751%
82	17.807	2413	2420	2428	rVB	901106	1375602	80.70%	8.340%
83	17.907	2433	2437	2443	rVB6	8301	12306	0.72%	0.075%
84	18.553	2542	2547	2555	rBV5	33542	57840	3.39%	0.351%
85	19.264	2667	2668	2676	rBV8	6272	13834	0.81%	0.084%
86	19.717	2736	2745	2751	rVV7	12343	30519	1.79%	0.185%
87	19.811	2757	2761	2767	rBV5	25795	42608	2.50%	0.258%
88	19.964	2783	2787	2795	rVB6	12281	21835	1.28%	0.132%
89	20.081	2800	2807	2819	rVB	1165451	1704596	100.00%	10.335%
90	22.038	3132	3140	3151	rBV	529348	963307	56.51%	5.840%
91	22.843	3273	3277	3287	rVB	10951	19043	1.12%	0.115%
92	23.583	3396	3403	3412	rBV5	23357	55707	3.27%	0.338%
93	23.800	3438	3440	3450	rVB5	7815	14279	0.84%	0.087%
94	24.452	3544	3551	3560	rVB3	34695	80671	4.73%	0.489%
95	25.298	3682	3695	3710	rBV2	519776	1625883	95.38%	9.858%
96	25.539	3718	3736	3750	rVB2	292425	1055996	61.95%	6.402%
97	26.714	3926	3936	3947	rVB3	49850	163113	9.57%	0.989%
98	28.189	4178	4187	4200	rVB4	53160	190933	11.20%	1.158%
99	29.975	4475	4491	4502	rBV5	36254	160827	9.43%	0.975%
100	32.120	4842	4856	4875	rVB6	29448	164524	9.65%	0.997%

Sum of corrected areas: 16493854

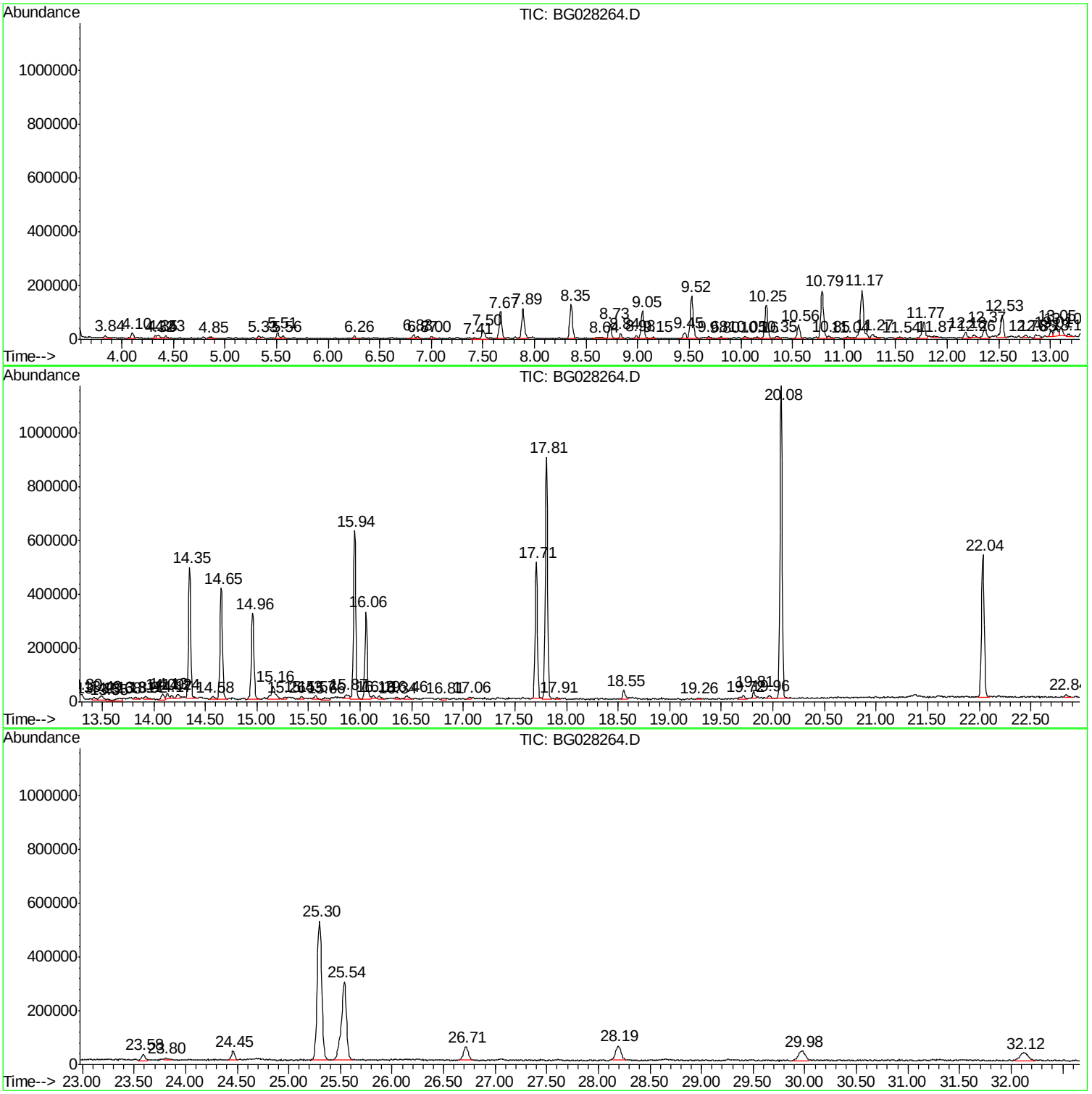
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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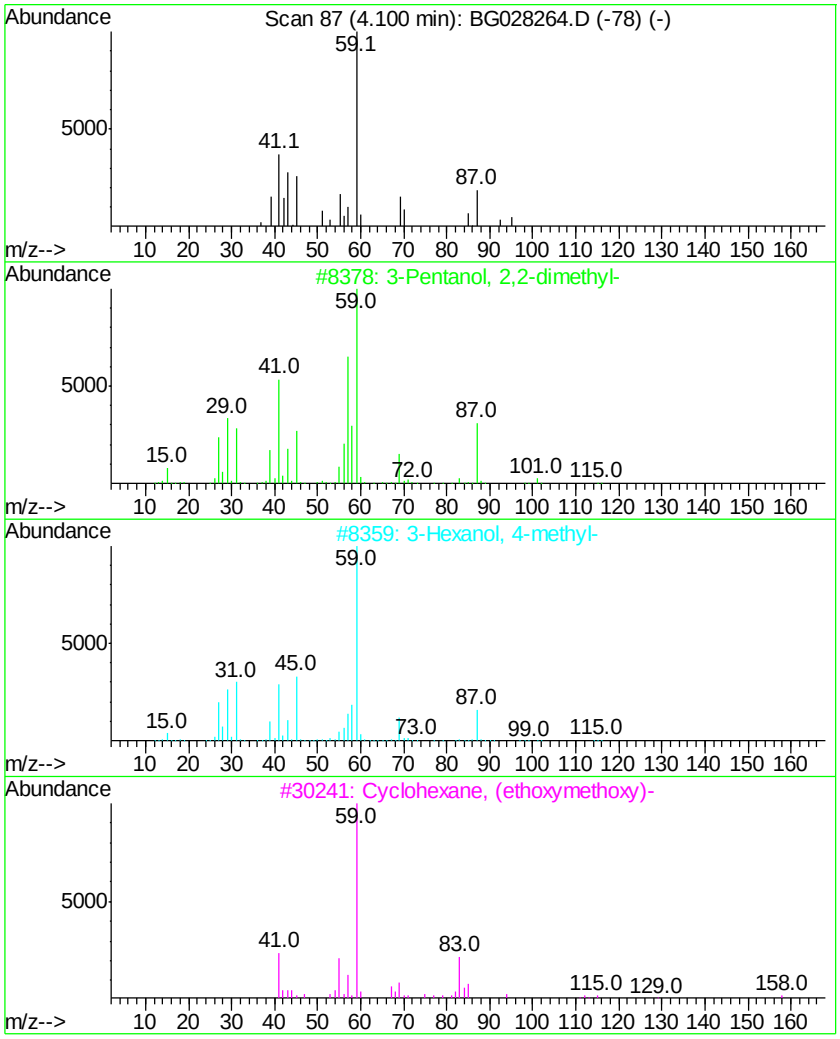
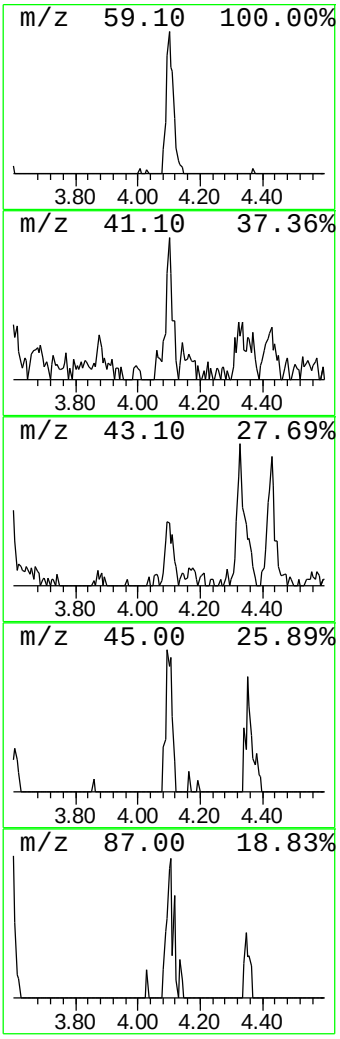
Peak Number 1 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	3.00 ng/ul	35293	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	42
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	39
3	Cyclohexane, (ethoxymethoxy)-	158	C9H18O2	054699-29-5	33
4	Silane, dimethyl-	60	C2H8Si	001111-74-6	9
5	Silane, dimethyl-	60	C2H8Si	001111-74-6	9





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

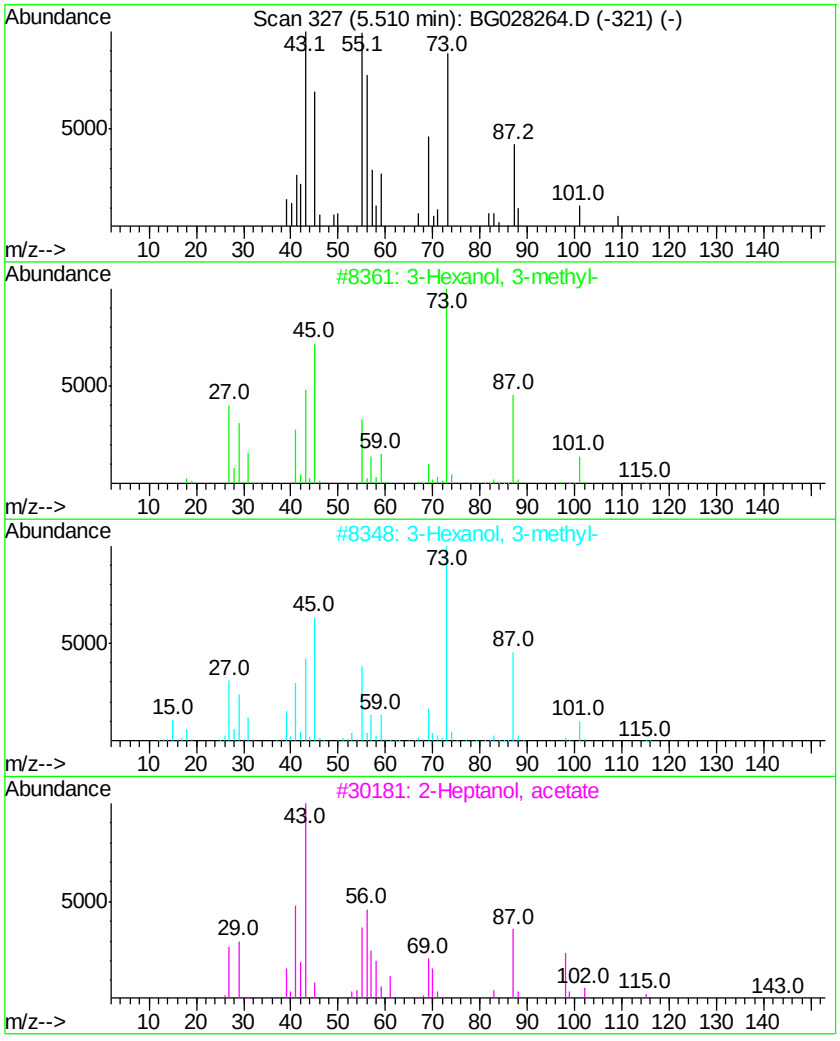
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

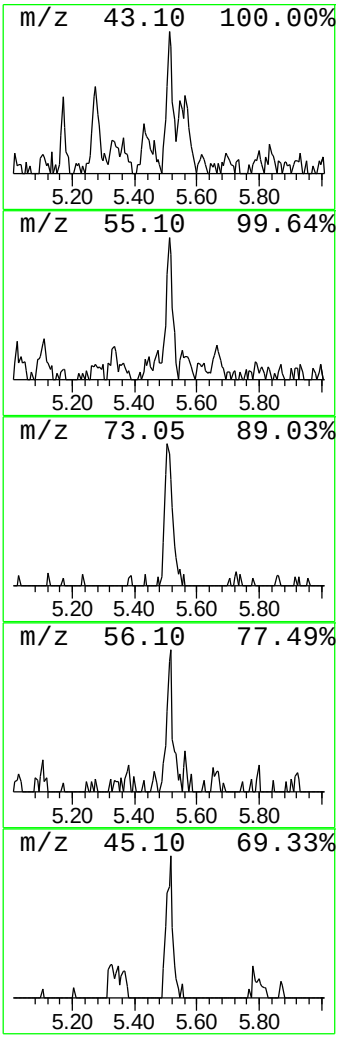
****

Peak Number 2 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	2.57 ng/ul	30280	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	23
2	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	23
3	2-Heptanol, acetate	158	C9H18O2	005921-82-4	23
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	23
5	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	23





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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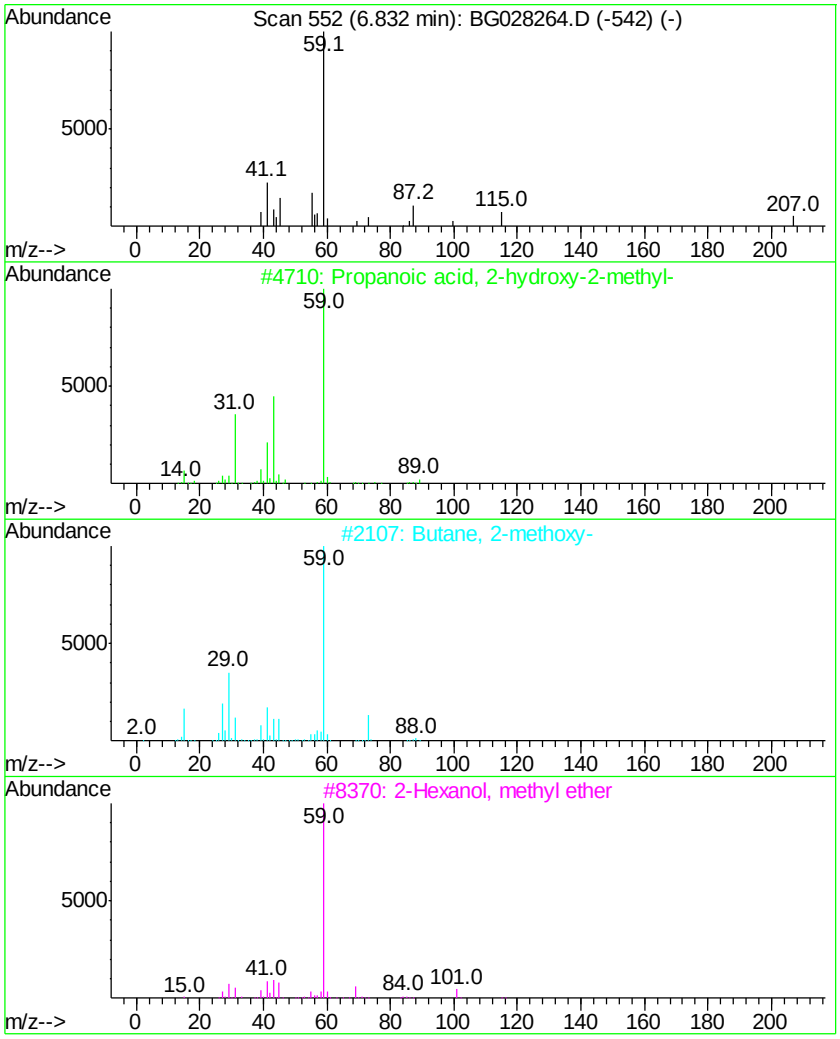
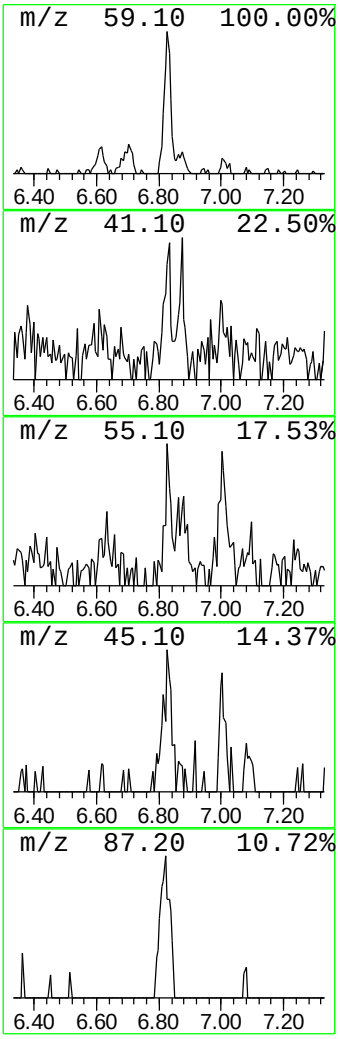
Peak Number 3 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	2.50 ng/ul	29415	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	33
2	Butane, 2-methoxy-	88	C5H12O	006795-87-5	9
3	2-Hexanol, methyl ether	116	C7H16O	1000333-92-0	9
4	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	9
5	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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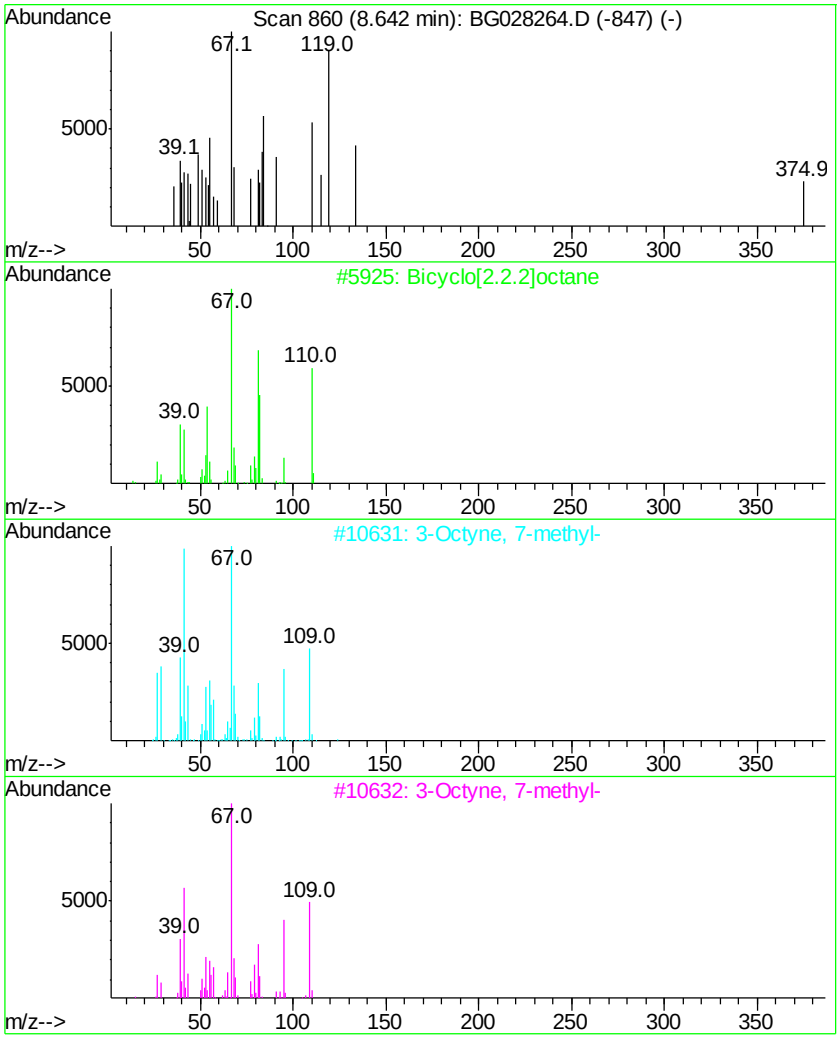
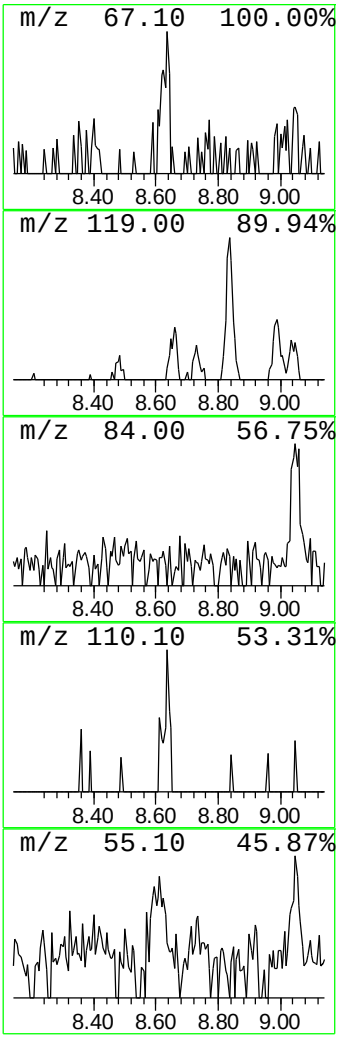
Peak Number 4 unknown-04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	2.45 ng/ul	28790	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	35
2	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	32
3	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	32
4	Spiro[2.4]heptan-4-one	110	C7H10O	005771-32-4	32
5	1-Methoxy-1,4-cyclohexadiene	110	C7H10O	002886-59-1	27





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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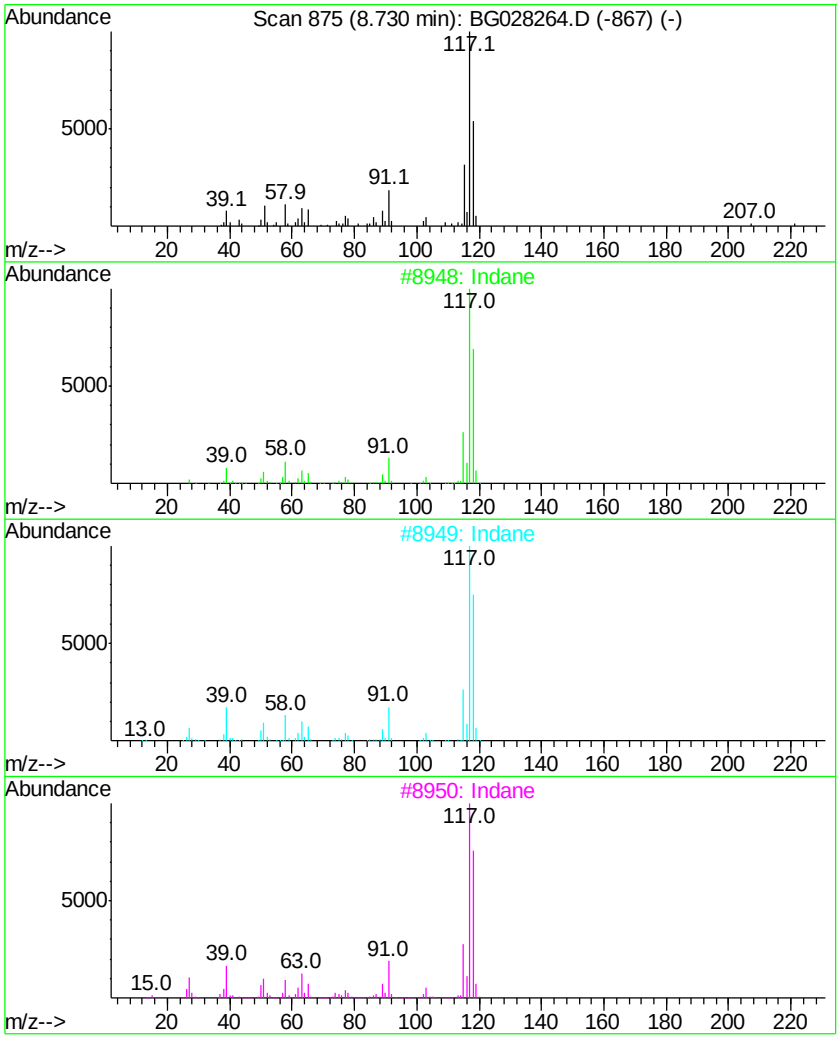
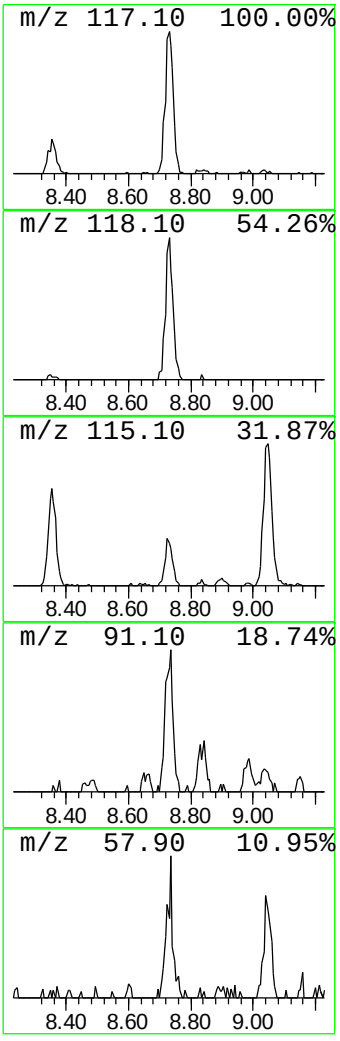
Peak Number 5 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	9.39 ng/ul	110501	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	94
3	Indane	118	C9H10	000496-11-7	94
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Indane	118	C9H10	000496-11-7	91





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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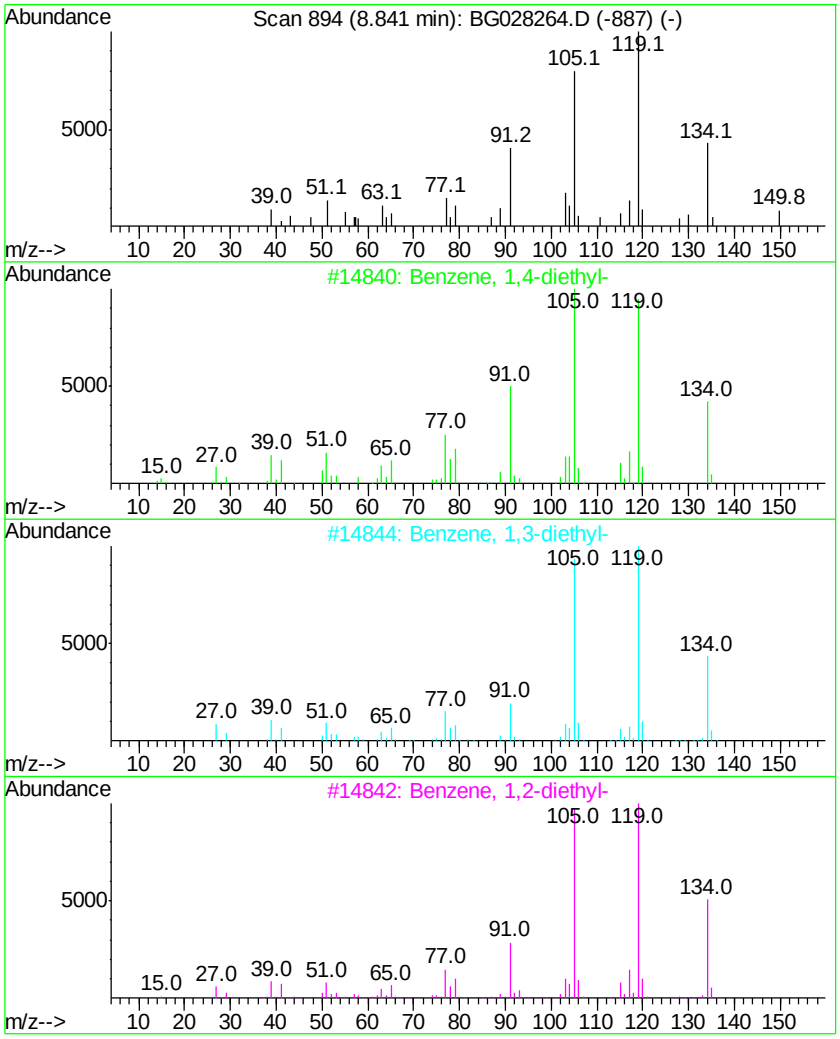
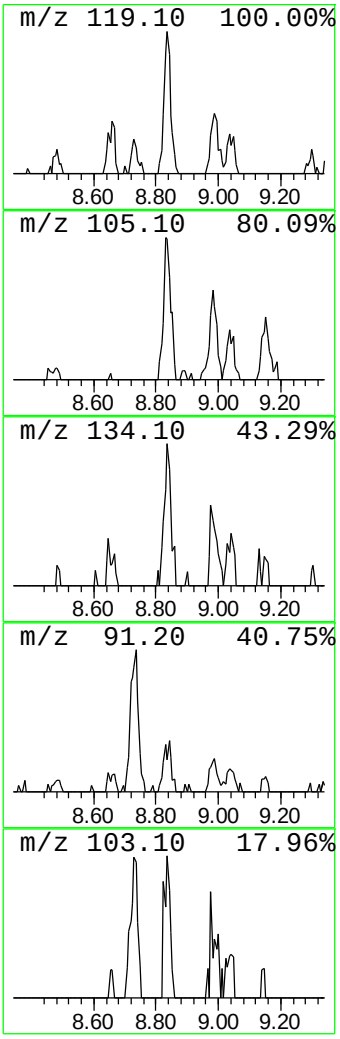
Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	2.75 ng/ul	32327	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	68
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	68





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Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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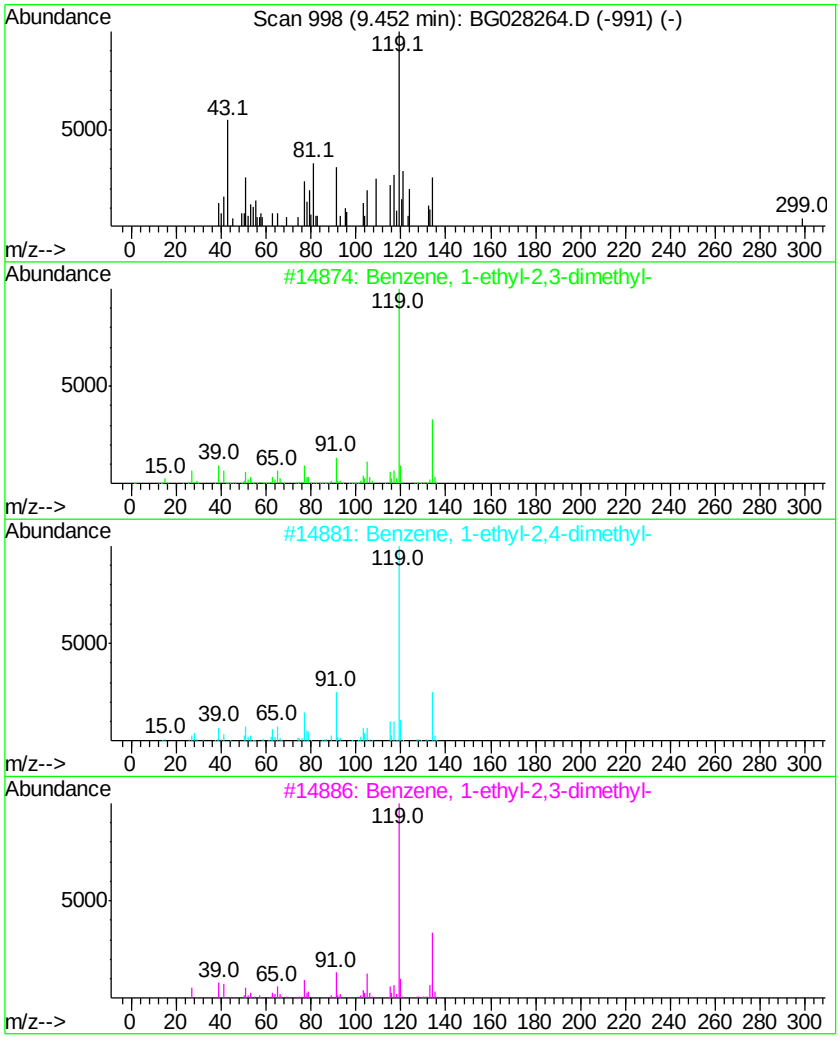
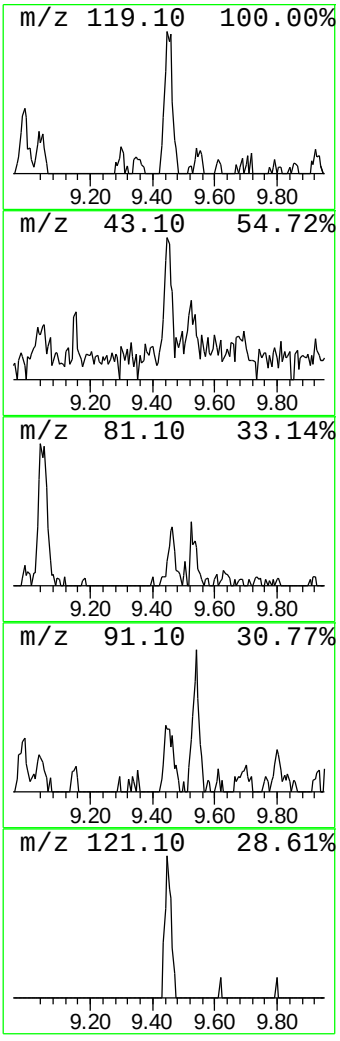
Peak Number 7 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	3.67 ng/ul	43136	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	49
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	49
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	49
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	49
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	47





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ClientSampleId : C0AA1

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Quant Title : SVOA CALIBRATION

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

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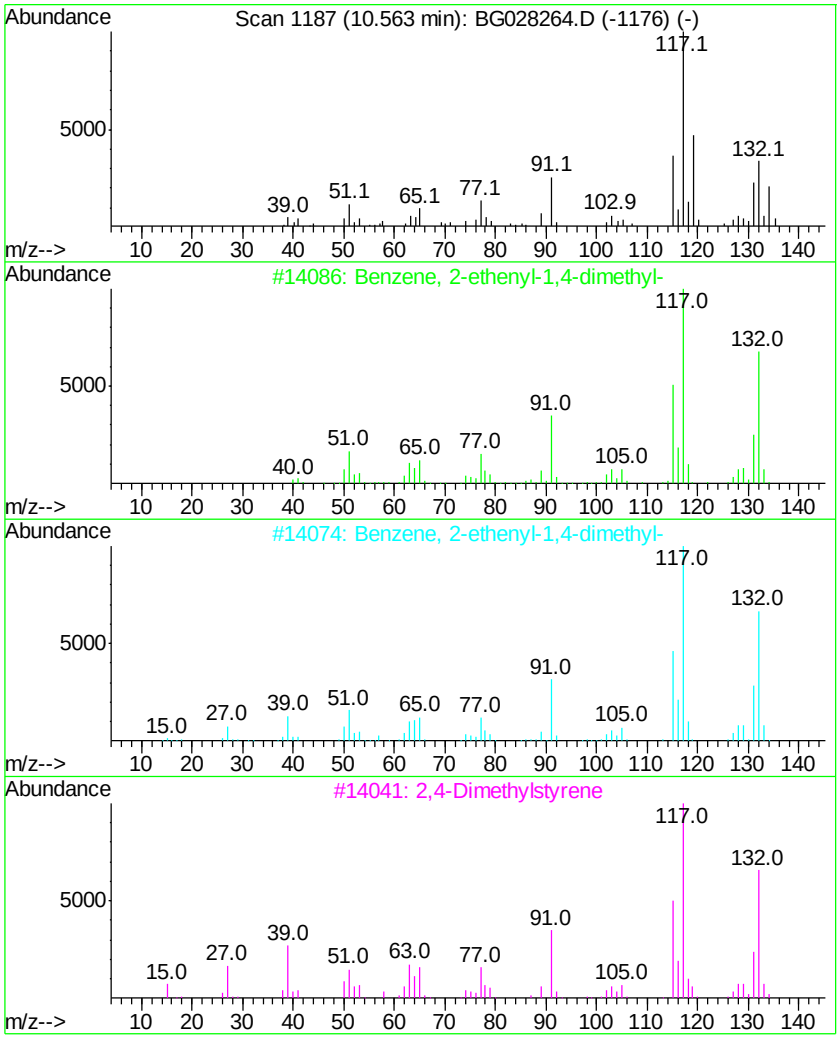
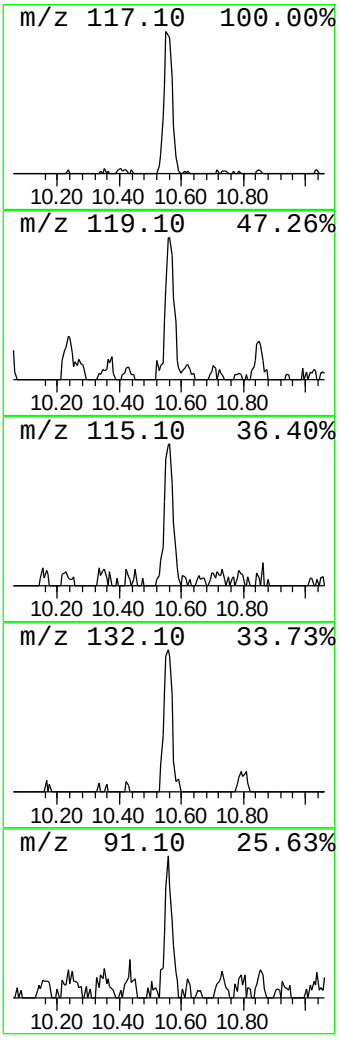
Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	4.79 ng/ul	96495	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70





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Quant Title : SVOA CALIBRATION

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

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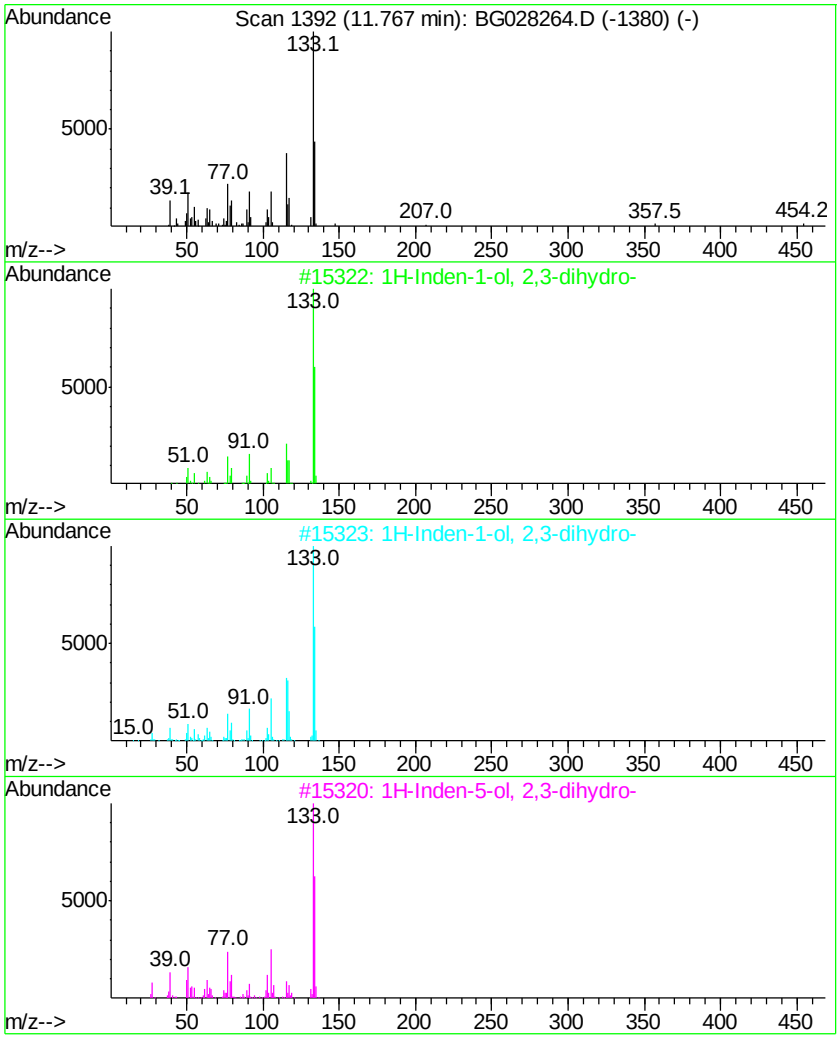
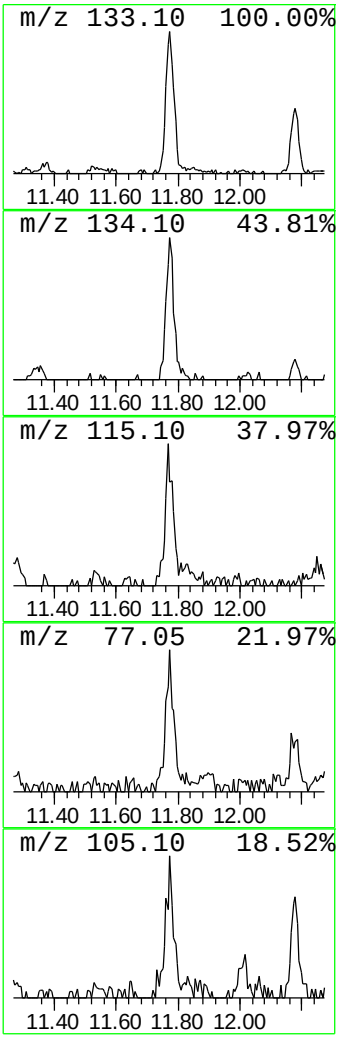
Peak Number 10 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.49 ng/ul	130802	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	97
2	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	94
3	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	76
4	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	72
5	Benzaldehyde, 2-ethyl-	134	C9H10O	022927-13-5	49





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ClientSampleId : C0AA1

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Quant Title : SVOA CALIBRATION

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

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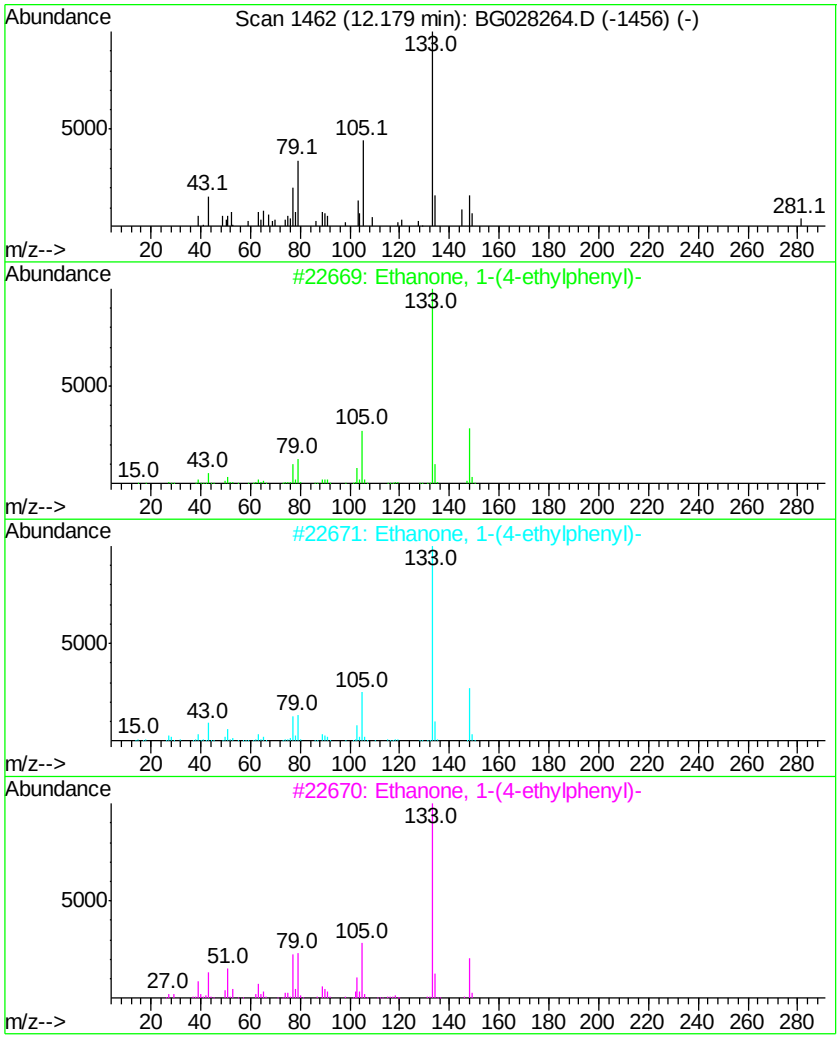
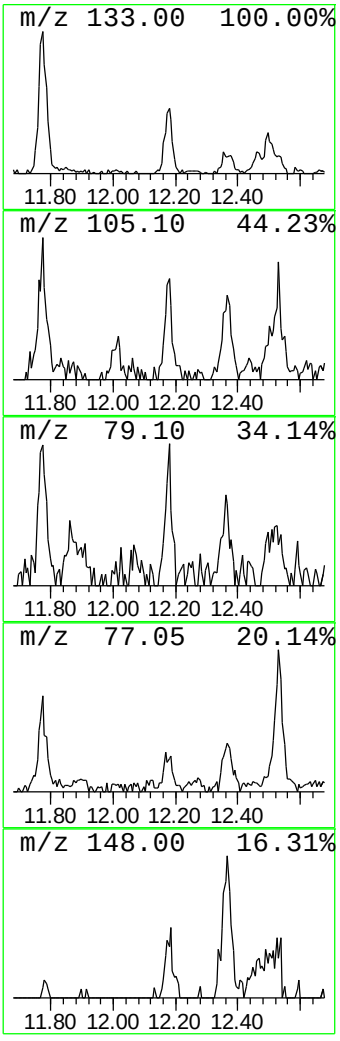
Peak Number 11 Ethanone, 1-(4-ethylphenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.12 ng/ul	42607	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	90
2	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	86
3	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	78
4	4-Ethylbenzoic acid, 4-nitrophen...	271	C15H13NO4	1000307-12-7	64
5	4-Ethylbenzamide	149	C9H11NO	033695-58-8	64





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ClientSampleId : C0AA1

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Quant Title : SVOA CALIBRATION

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

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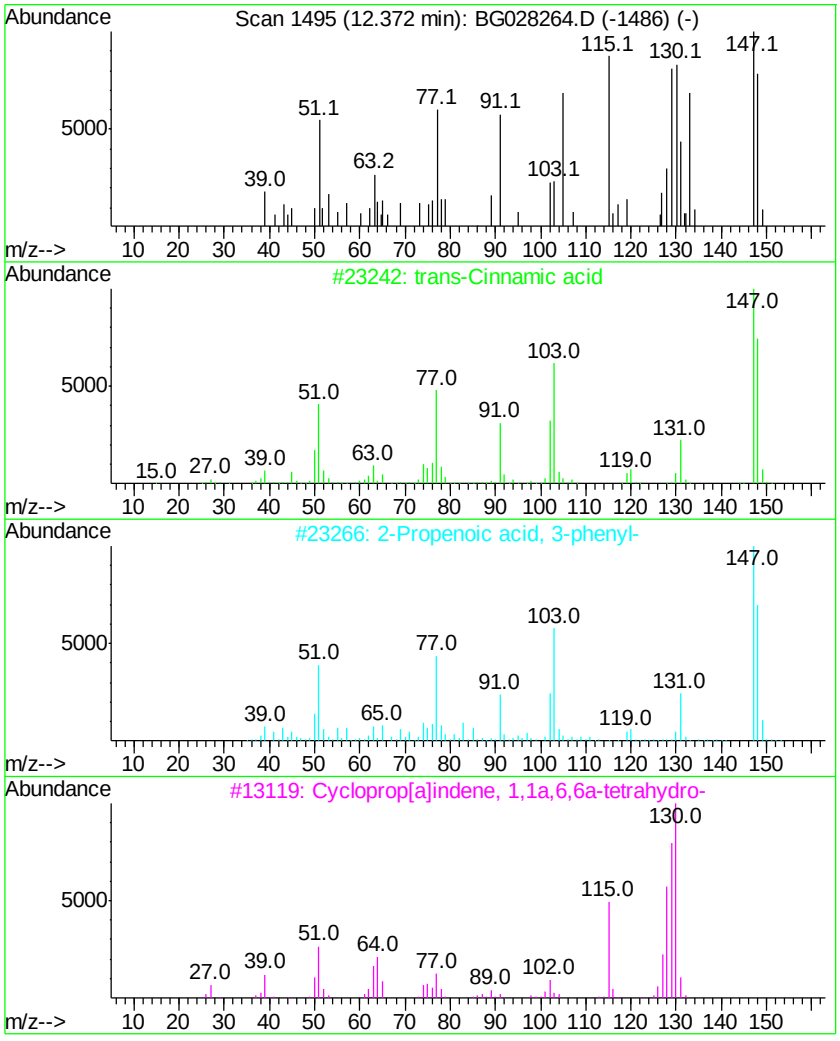
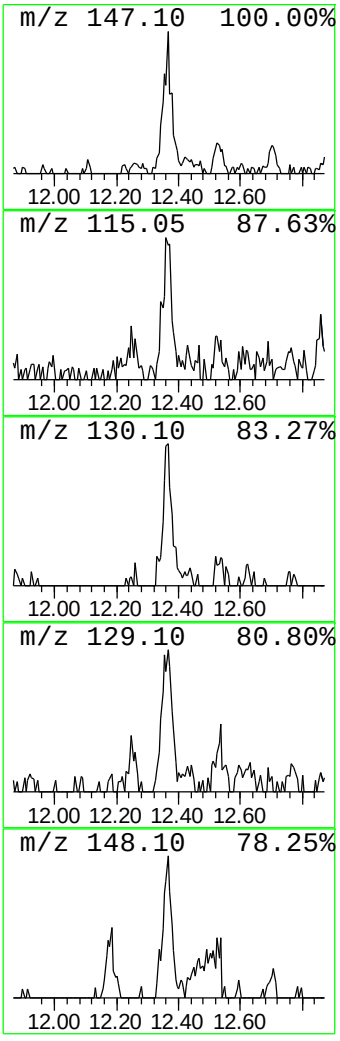
Peak Number 12 trans-Cinnamic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.28 ng/ul	86241	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamic acid	148	C9H8O2	000140-10-3	56
2	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	41
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	38
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	38
5	Benzene, 1,3-butadienyl-	130	C10H10	001515-78-2	38





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Quant Title : SVOA CALIBRATION

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

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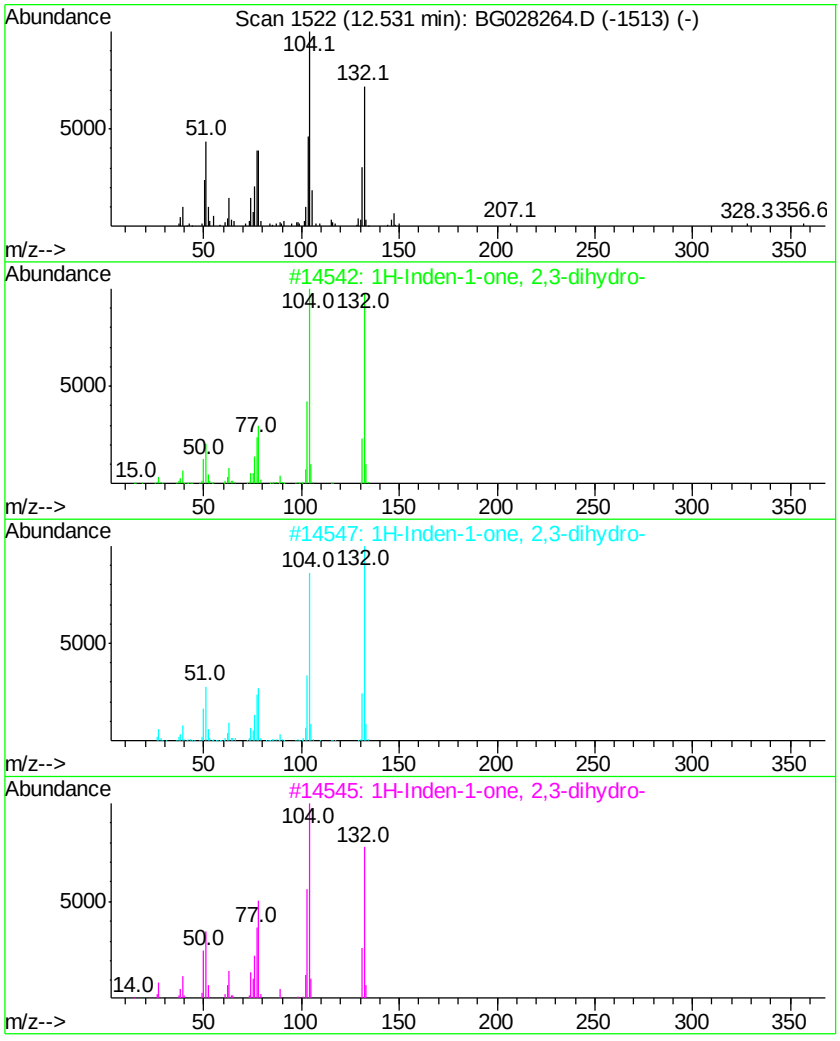
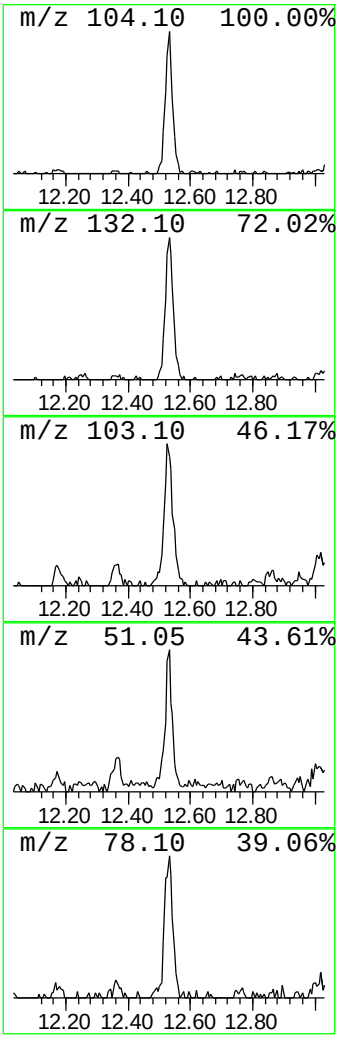
Peak Number 13 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	7.90 ng/ul	159093	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	91
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	91
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	83
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	72
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	70





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Quant Title : SVOA CALIBRATION

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

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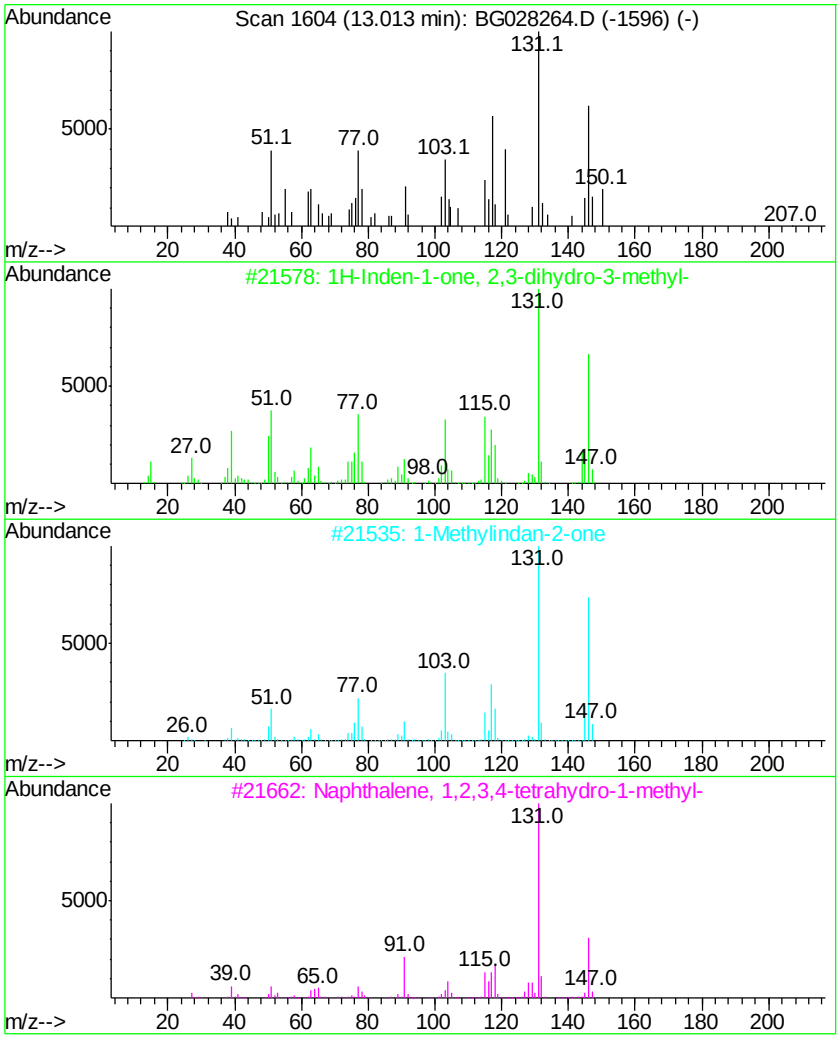
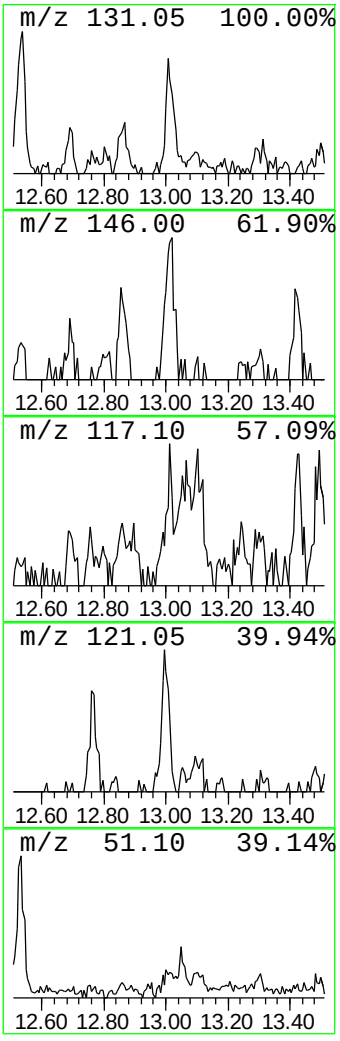
Peak Number 14 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	2.23 ng/ul	44857	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	72
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	58
4	1H-Benzimidazole, 1-ethyl-	146	C9H10N2	007035-68-9	53
5	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	53





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Quant Title : SVOA CALIBRATION

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

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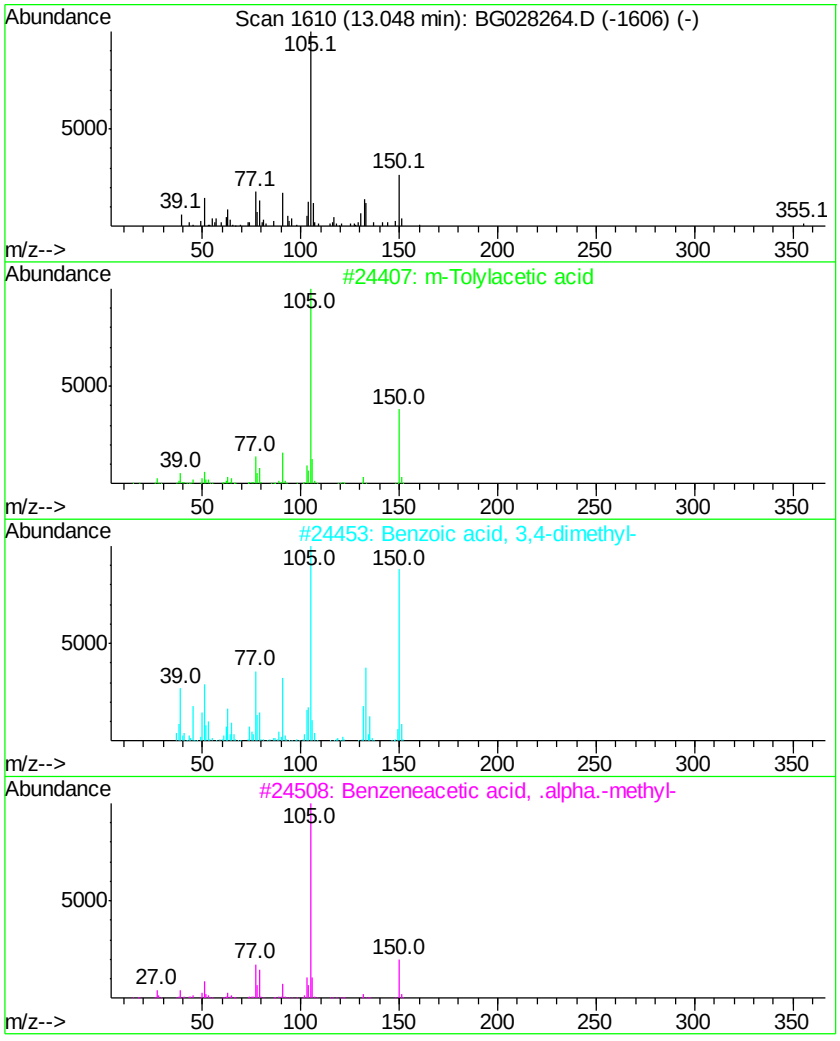
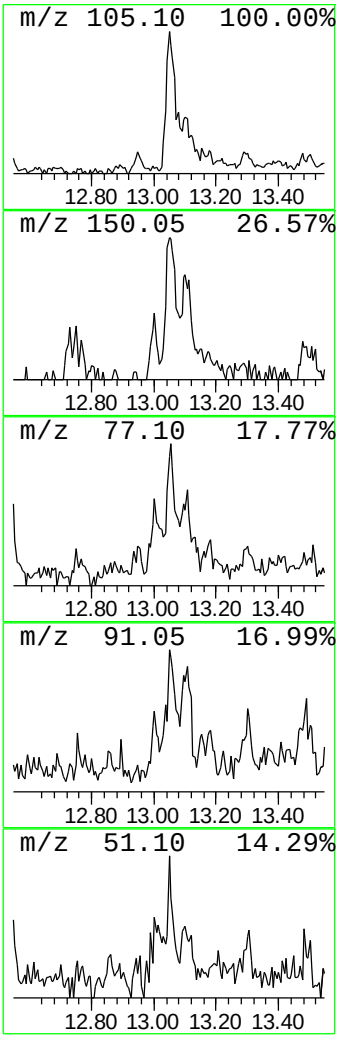
Peak Number 15 m-Tolylacetic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	4.38 ng/ul	88226	Naphthalene-d8	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Tolylacetic acid	150	C9H10O2	000621-36-3	58
2	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	53
3	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	52
4	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	52
5	p-Tolylacetic acid	150	C9H10O2	000622-47-9	50





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Quant Title : SVOA CALIBRATION

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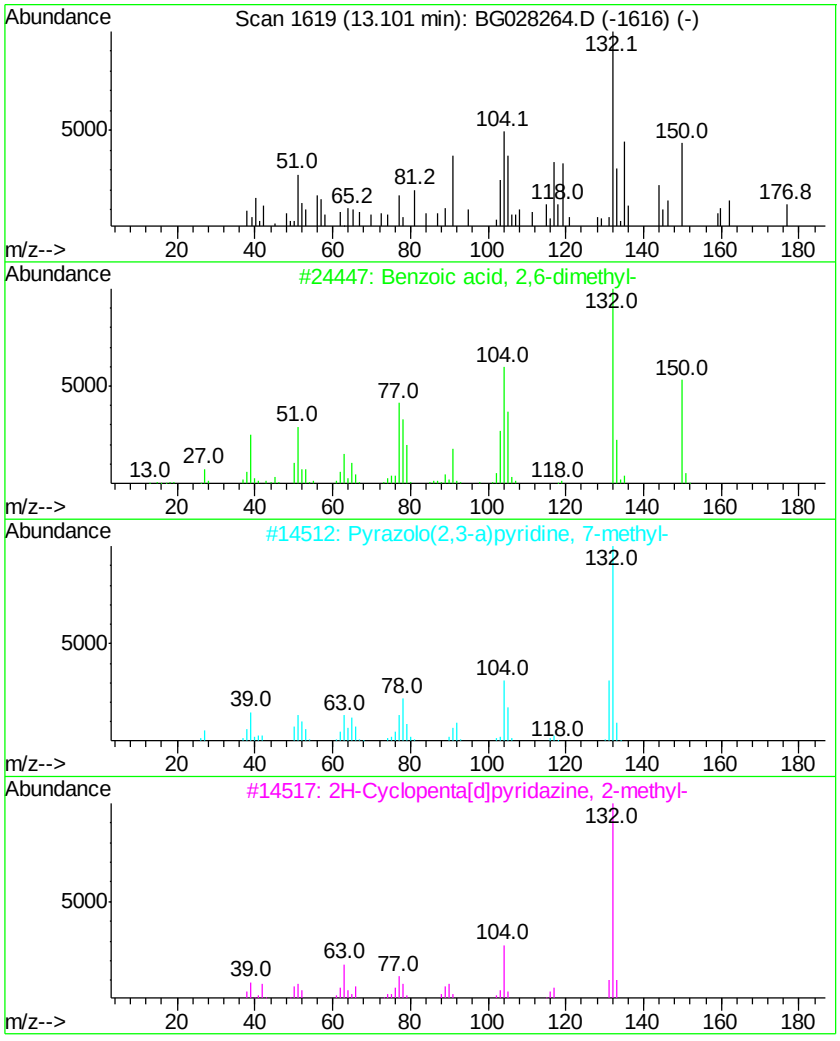
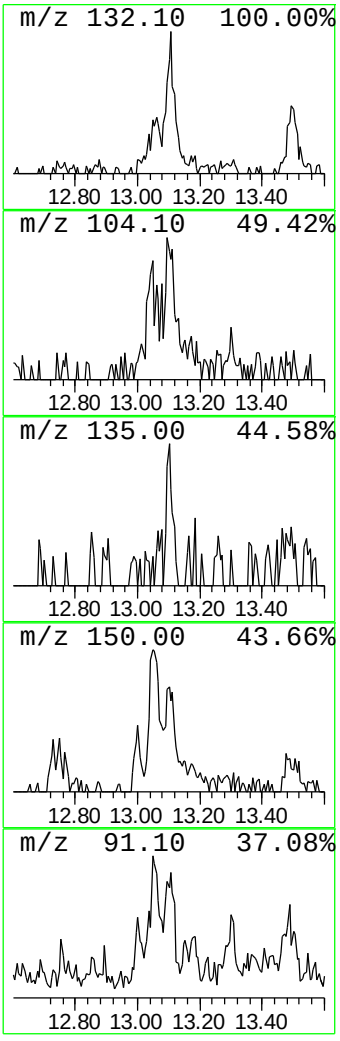
Peak Number 16 unknown-06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.02 ng/ul	57150	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	49
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	35
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	35
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	051015-28-2	35
5	Aziridine, 2-methyl-2-phenyl-	133	C9H11N	022596-57-2	30





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Quant Title : SVOA CALIBRATION

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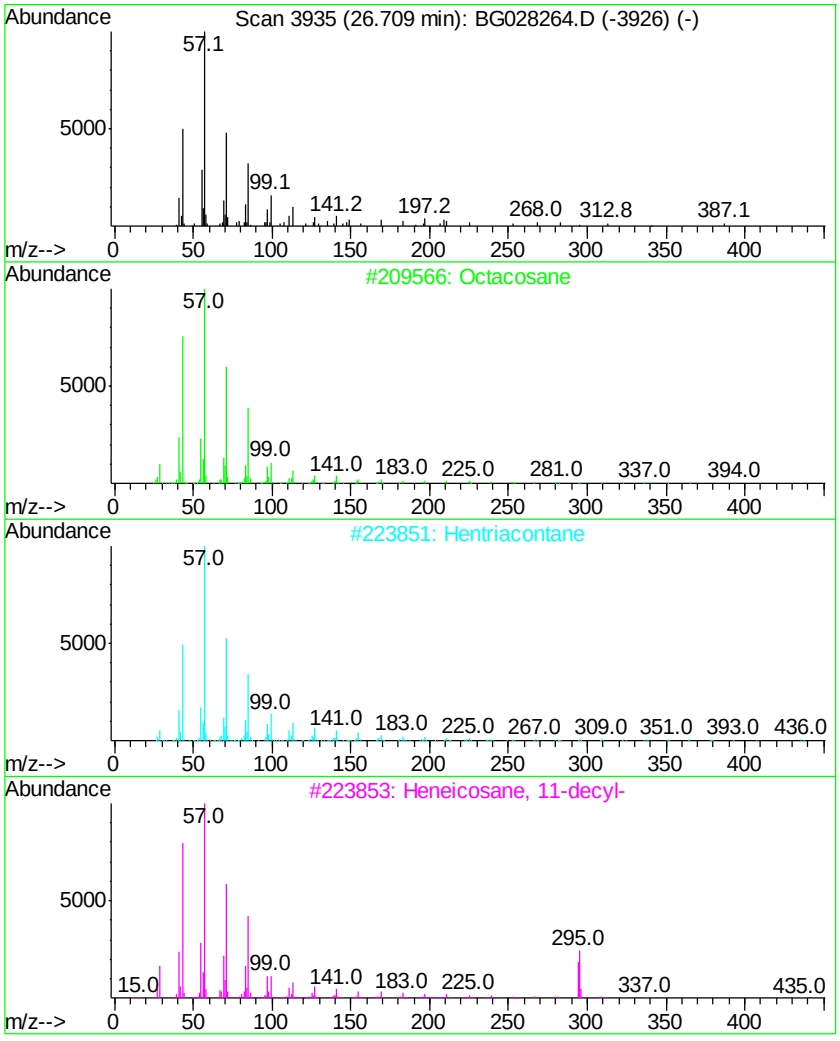
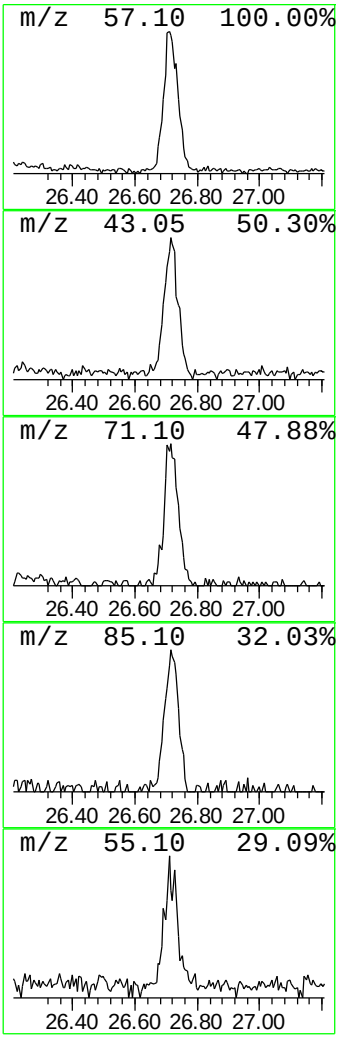
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.71	3.09 ng/ul	163113	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	83
2	Hentriacontane	437	C31H64	000630-04-6	80
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	80
4	Tetradecane	198	C14H30	000629-59-4	64
5	Hentriacontane	437	C31H64	000630-04-6	64





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Quant Title : SVOA CALIBRATION

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

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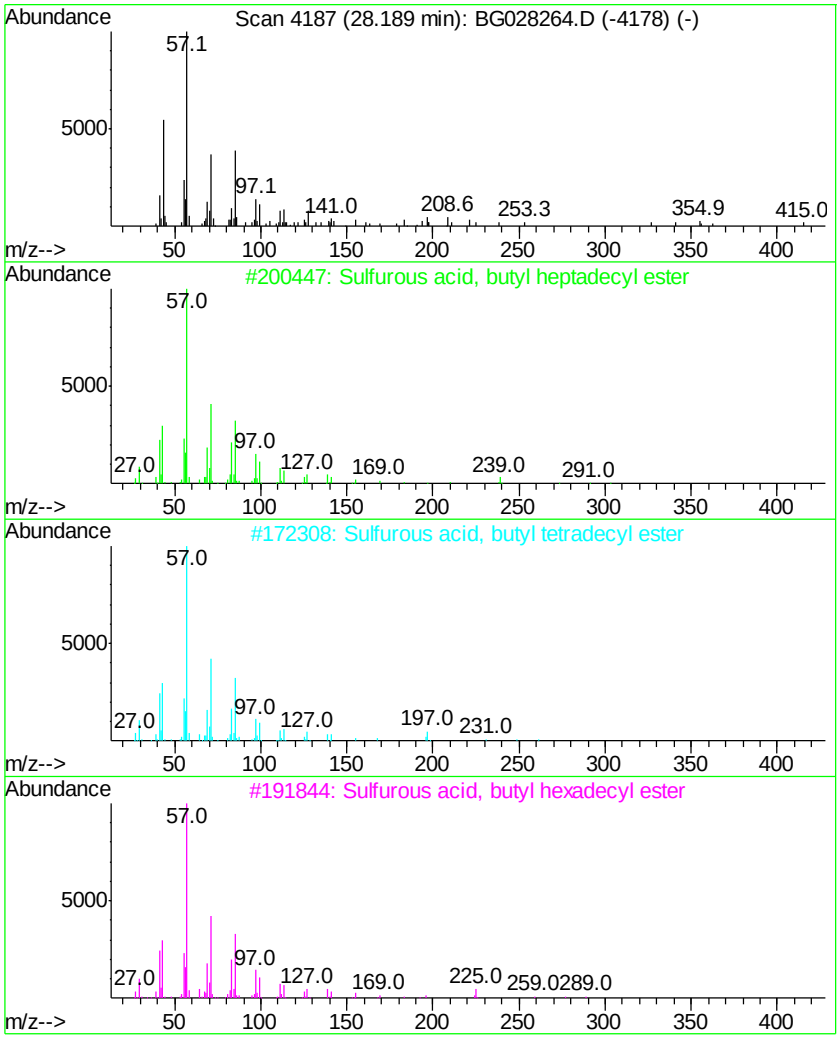
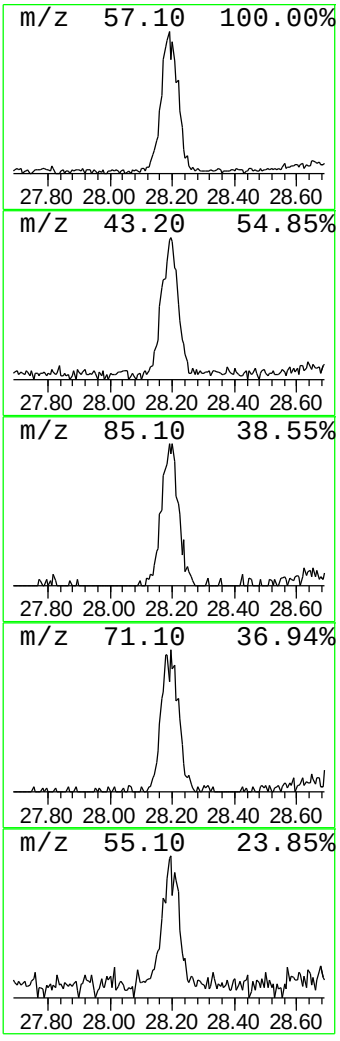
Peak Number 18 Sulfurous acid, butyl hepta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	3.62 ng/ul	190933	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	87
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	80
3	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	80
4	2-methyloctacosane	408	C29H60	1000376-72-8	64
5	Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	58





Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

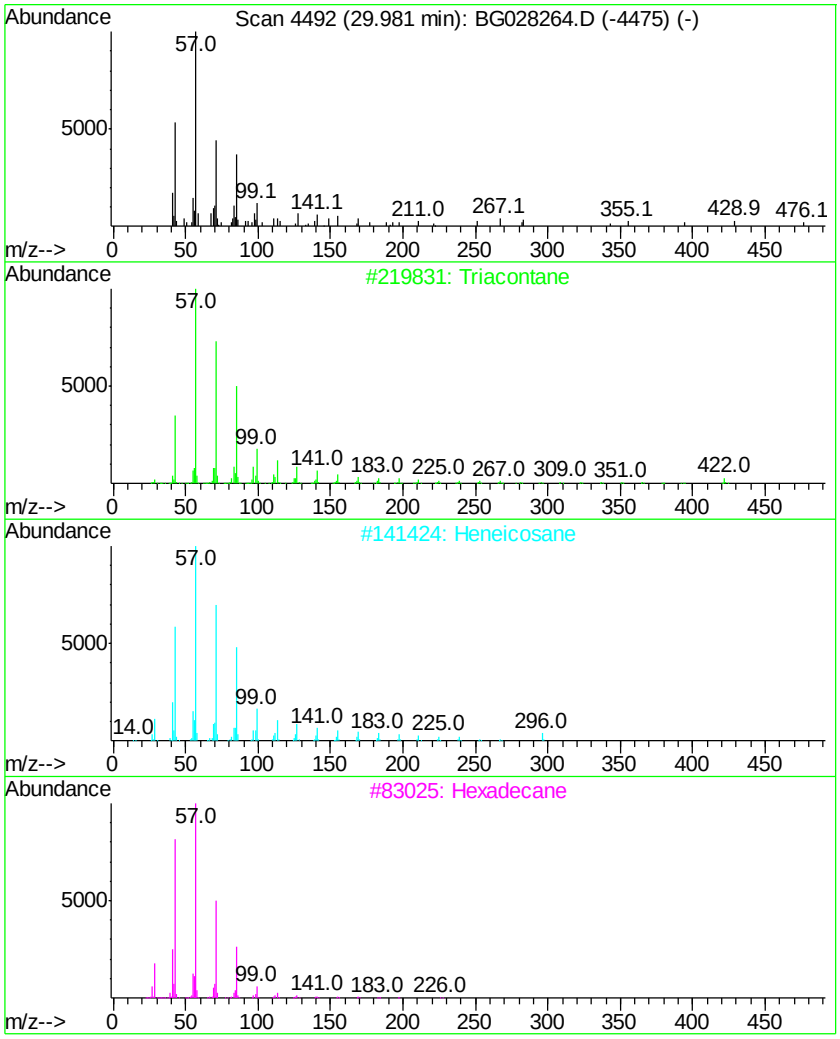
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

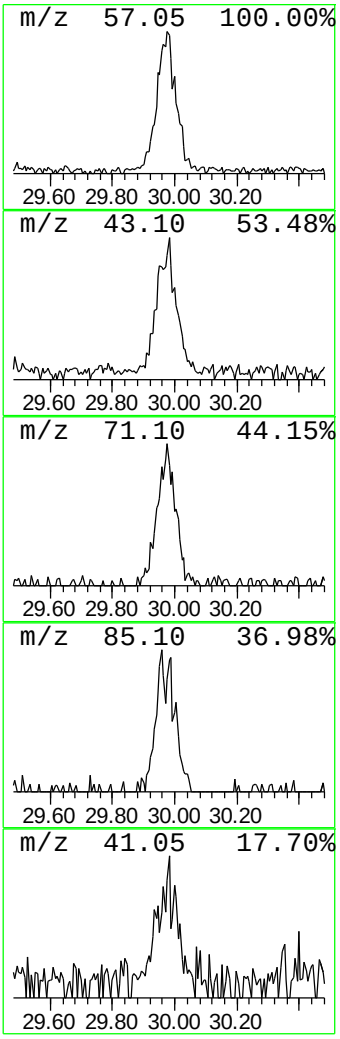
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.98	3.05 ng/ul	160827	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	72
2	Heneicosane	296	C21H44	000629-94-7	68
3	Hexadecane	226	C16H34	000544-76-3	64
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	64
5	Tricosane	324	C23H48	000638-67-5	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

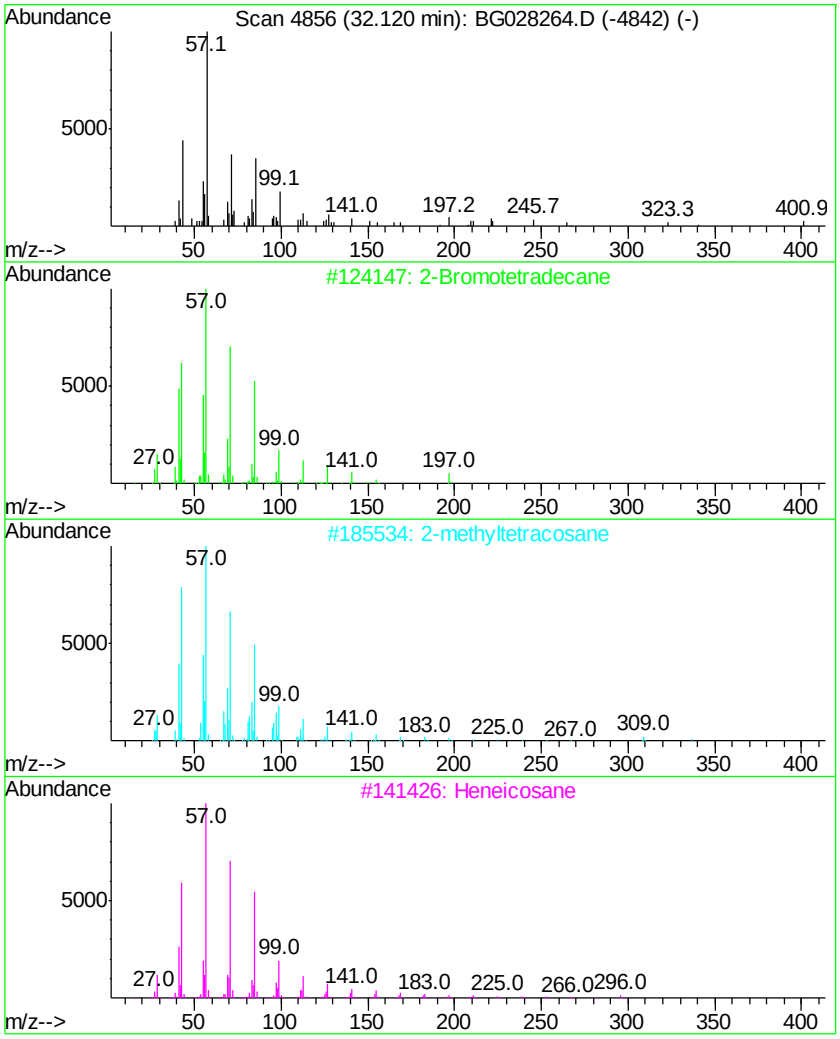
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

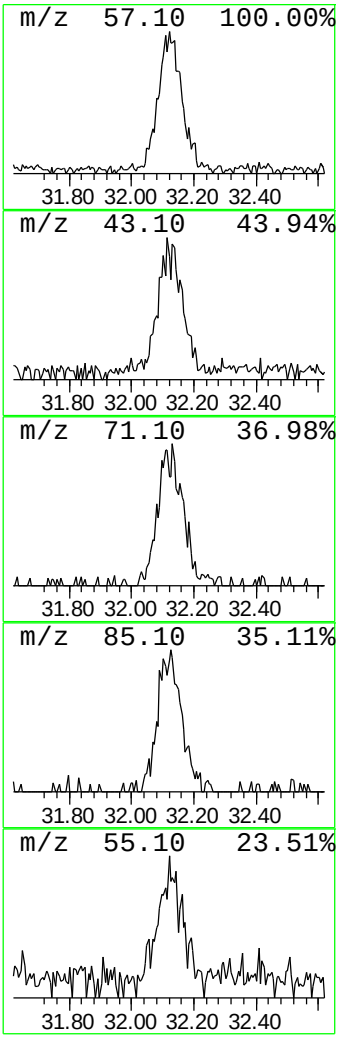
****

Peak Number 20 2-Bromotetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.12	3.12 ng/ul	164524	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	52
2	2-methyltetracosane	352	C25H52	1000376-72-6	52
3	Heneicosane	296	C21H44	000629-94-7	52
4	Tetracosane	338	C24H50	000646-31-1	50
5	2-methylhexacosane	380	C27H56	1000376-72-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081017\
Data File : BG028264.D
Acq On : 10 Aug 2017 18:43
Operator : SJ/JU
Sample : I4630-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
unknown-01	4.10	3.0	ng/ul	35293	1	8.35	235317	20.0
unknown-02	5.51	2.6	ng/ul	30280	1	8.35	235317	20.0
unknown-03	6.83	2.5	ng/ul	29415	1	8.35	235317	20.0
unknown-04	8.64	2.5	ng/ul	28790	1	8.35	235317	20.0
Indane	8.73	9.4	ng/ul	110501	1	8.35	235317	20.0
Benzene, 1,4-diet...	8.84	2.8	ng/ul	32327	1	8.35	235317	20.0
unknown-05	9.45	3.7	ng/ul	43136	1	8.35	235317	20.0
Benzene, 2-etheny...	10.56	4.8	ng/ul	96495	2	11.17	402887	20.0
1H-Inden-1-ol, 2,...	11.77	6.5	ng/ul	130802	2	11.17	402887	20.0
Ethanone, 1-(4-et...	12.18	2.1	ng/ul	42607	2	11.17	402887	20.0
trans-Cinnamic acid	12.37	4.3	ng/ul	86241	2	11.17	402887	20.0
1H-Inden-1-one, 2...	12.53	7.9	ng/ul	159093	2	11.17	402887	20.0
1H-Inden-1-one, 2...	13.01	2.2	ng/ul	44857	2	11.17	402887	20.0
m-Tolylacetic acid	13.05	4.4	ng/ul	88226	2	11.17	402887	20.0
unknown-06	13.10	2.0	ng/ul	57150	3	14.96	566975	20.0
(DEL) Alkane: Str...	26.71	3.1	ng/ul	163113	6	25.53	1056000	20.0
Sulfurous acid, b...	28.19	3.6	ng/ul	190933	6	25.53	1056000	20.0
(DEL) Alkane: Str...	29.98	3.0	ng/ul	160827	6	25.53	1056000	20.0
2-Bromotetradecane	32.12	3.1	ng/ul	164524	6	25.53	1056000	20.0