LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028322.D
Acq On : 14 Aug 2017 21:24
Operator : SJ/JU
Sample : I4630-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB0

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	3.846	38	44	50	rVV5	8039	13536	0.74%	0.074%
2	4.916	219	226	230	rBV5	3172	5800	0.32%	0.032%
3	5.850	378	385	389	rBV5	2438	5797	0.32%	0.032%
4	5.891	389	392	400	rVB3	2769	6158	0.34%	0.033%
5	6.355	465	471	475	rBV4	1782	4537	0.25%	0.025%
6	6.408	475	480	490	rVV3	7519	21274	1.17%	0.116%
7	6.984	573	578	585	rVB5	4446	8438	0.46%	0.046%
8	7.219	611	618	624	rVB4	2673	5052	0.28%	0.027%
9	7.442	650	656	661	rVB4	2784	4600	0.25%	0.025%
10	7.513	661	668	685	rBV	52880	114125	6.25%	0.621%
11	7.671	689	695	705	rBV	140018	247873	13.58%	1.348%
12	7.895	722	733	743	rBV	165158	306494	16.80%	1.667%
13	8.359	803	812	828	rBV2	160609	383398	21.01%	2.085%
14	8.506	832	837	846	rVB7	2681	6384	0.35%	0.035%
15	8.600	846	853	860	rBV5	3665	8577	0.47%	0.047%
16	8.970	910	916	920	rVV4	2356	5465	0.30%	0.030%
17	9.052	924	930	940	rBV2	139292	276657	15.16%	1.505%
18	9.123	940	942	947	rVV3	4868	6013	0.33%	0.033%
19	9.181	947	952	959	rVB2	12290	23933	1.31%	0.130%
20	9.452	990	998	1004	rBV	42825	78623	4.31%	0.428%
21	9.528	1004	1011	1025	rVB	209314	423388	23.20%	2.303%
22	9.669	1030	1035	1040	rVB4	4826	10028	0.55%	0.055%
23	10.074	1096	1104	1110	rBV5	3299	8833	0.48%	0.048%
24	10.251	1122	1134	1147	rBV	192052	374441	20.52%	2.036%
25	10.462	1168	1170	1181	rVB6	2865	6574	0.36%	0.036%
26	10.621	1190	1197	1204	rVV3	5804	12228	0.67%	0.066%
27	10.797	1218	1227	1241	rBV	265530	524762	28.76%	2.854%
28	10.932	1245	1250	1259	rVB6	7477	16323	0.89%	0.089%
29	11.073	1265	1274	1284	rBV5	12333	31974	1.75%	0.174%
30	11.179	1284	1292	1306	rVB	258122	495224	27.14%	2.693%
31	11.314	1306	1315	1322	rBV2	14458	31261	1.71%	0.170%
32	11.678	1369	1377	1381	rVB2	5837	9630	0.53%	0.052%
33	11.731	1381	1386	1393	rBV5	6766	13051	0.72%	0.071%
34	11.831	1398	1403	1410	rVB3	10870	18380	1.01%	0.100%

LSC Area Percent Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB0

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

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Peak separation: 1

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

35	11.908	1410	1416	1418	rBV4	3400	4825	0.26%	0.026%
36	11.949	1419	1423	1430	rVV4	4599	9952	0.55%	0.054%
37	12.436	1502	1506	1521	rVB5	14576	35184	1.93%	0.191%
38	12.736	1552	1557	1562	rVB5	4813	8190	0.45%	0.045%
39	12.859	1571	1578	1582	rVB4	2358	5316	0.29%	0.029%
40	13.024	1601	1606	1616	rVB4	4119	9270	0.51%	0.050%
41	13.171	1623	1631	1635	rVB2	2850	6679	0.37%	0.036%
42	13.247	1635	1644	1647	rBV3	4984	10612	0.58%	0.058%
43	13.318	1649	1656	1666	rBV	44784	81730	4.48%	0.444%
44	13.418	1668	1673	1679	rVB3	4589	8348	0.46%	0.045%
45	13.559	1689	1697	1715	rVV	88839	154476	8.47%	0.840%
46	13.694	1715	1720	1724	rVB5	2183	5167	0.28%	0.028%
47	13.758	1725	1731	1734	rVV5	2262	4340	0.24%	0.024%
48	13.829	1739	1743	1746	rVV2	6055	8906	0.49%	0.048%
49	13.882	1746	1752	1764	rVB2	29934	59698	3.27%	0.325%
50	14.352	1822	1832	1847	rBV	589304	921078	50.48%	5.009%
51	14.481	1847	1854	1858	rVV6	5235	10533	0.58%	0.057%
52	14.534	1858	1863	1869	rVB4	4532	8771	0.48%	0.048%
53	14.663	1877	1885	1897	rVV	652138	1029613	56.43%	5.599%
54	14.745	1897	1899	1905	rVB3	3788	5244	0.29%	0.029%
55	14.810	1905	1910	1916	rBV2	6715	12263	0.67%	0.067%
56	14.969	1924	1937	1945	rBV2	454133	774751	42.46%	4.213%
57	15.027	1945	1947	1951	rVB3	4993	5045	0.28%	0.027%
58	15.174	1958	1972	1986	rBV5	38344	112932	6.19%	0.614%
59	15.268	1986	1988	1992	rVV3	2971	4325	0.24%	0.024%
60	15.427	2009	2015	2016	rBV2	2766	4390	0.24%	0.024%
61	15.533	2024	2033	2039	rVB7	3373	8461	0.46%	0.046%
62	15.615	2041	2047	2057	rBV	19474	37604	2.06%	0.205%
63	15.721	2061	2065	2068	rBV	31366	46530	2.55%	0.253%
64	15.750	2068	2070	2081	rVB3	19785	28600	1.57%	0.156%
65	15.879	2088	2092	2095	rVB4	4170	6050	0.33%	0.033%
66	15.956	2095	2105	2115	rBV	905058	1424589	78.07%	7.747%
67	16.067	2115	2124	2141	rVV	335578	559981	30.69%	3.045%
68	16.197	2141	2146	2152	rVB2	11969	17931	0.98%	0.098%
69	16.308	2157	2165	2176	rVB6	12155	33825	1.85%	0.184%
70	17.166	2308	2311	2313	rVB3	3948	4418	0.24%	0.024%
71	17.278	2326	2330	2335	rBV5	6855	9797	0.54%	0.053%

LSC Area Percent Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB0

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

72	17.501	2366	2368	2373	rVB5	4467	6448	0.35%	0.035%
73	17.718	2397	2405	2414	rBV	605030	986996	54.09%	5.368%
74	17.812	2414	2421	2433	rVV	1043892	1645807	90.20%	8.950%
75	17.965	2439	2447	2452	rBV4	10725	16720	0.92%	0.091%
76	18.036	2457	2459	2462	rBV4	4146	4335	0.24%	0.024%
77	18.100	2468	2470	2475	rBV3	3115	4923	0.27%	0.027%
78	18.353	2507	2513	2522	rVV	171836	253482	13.89%	1.379%
79	18.535	2539	2544	2545	rBV3	6357	9456	0.52%	0.051%
80	18.641	2558	2562	2565	rBV3	7099	8512	0.47%	0.046%
81	18.829	2588	2594	2600	rBV10	12012	20117	1.10%	0.109%
82	18.999	2622	2623	2628	rBV5	3396	5366	0.29%	0.029%
83	19.087	2632	2638	2641	rBV8	9091	15144	0.83%	0.082%
84	19.164	2646	2651	2654	rVB6	5223	9043	0.50%	0.049%
85	19.305	2670	2675	2678	rBV7	6543	8594	0.47%	0.047%
86	19.528	2709	2713	2716	rBV6	4680	9936	0.54%	0.054%
87	19.728	2743	2747	2749	rBV	14160	16404	0.90%	0.089%
88	19.775	2753	2755	2761	rVB7	6758	13057	0.72%	0.071%
89	19.975	2782	2789	2796	rBV9	15915	41045	2.25%	0.223%
90	20.039	2797	2800	2801	rBV3	7537	7234	0.40%	0.039%
91	20.092	2801	2809	2818	rVV	1192158	1824650	100.00%	9.923%
92	20.574	2889	2891	2894	rBV4	10902	16101	0.88%	0.088%
93	22.049	3134	3142	3151	rBV	601243	1074578	58.89%	5.844%
94	23.606	3400	3407	3413	rBV9	39249	90489	4.96%	0.492%
95	24.475	3550	3555	3563	rVB5	35836	65215	3.57%	0.355%
96	25.327	3687	3700	3718	rBV2	499033	1720280	94.28%	9.355%
97	25.568	3726	3741	3755	rVB2	273975	1021120	55.96%	5.553%
98	26.731	3932	3939	3954	rVB5	47628	164744	9.03%	0.896%
99	28.218	4184	4192	4206	rVB4	49715	207382	11.37%	1.128%
100	29.998	4486	4495	4506	rBV10	35064	132611	7.27%	0.721%

Sum of corrected areas: 18388044

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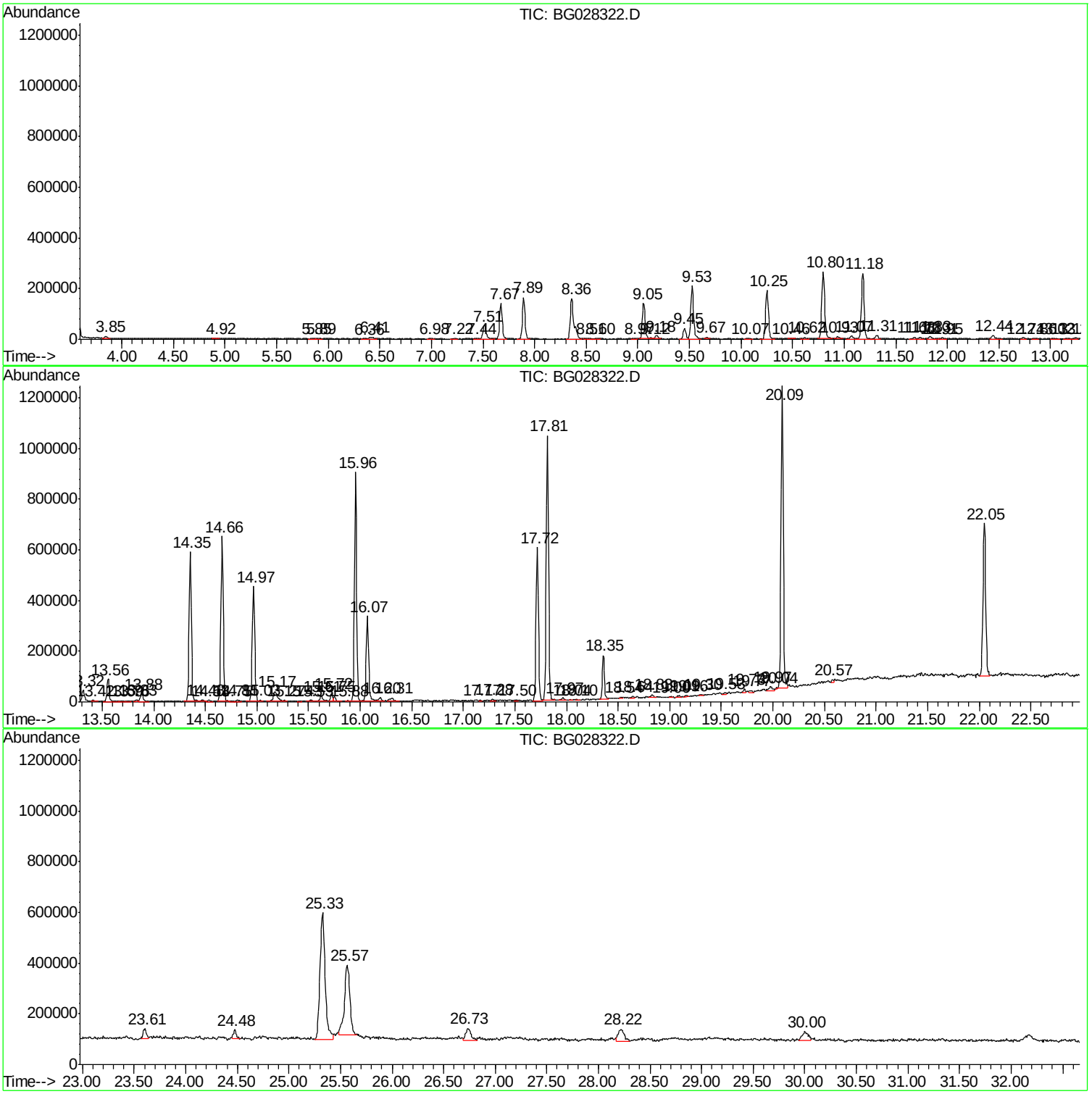
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB0

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
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Quant Title : SVOA CALIBRATION

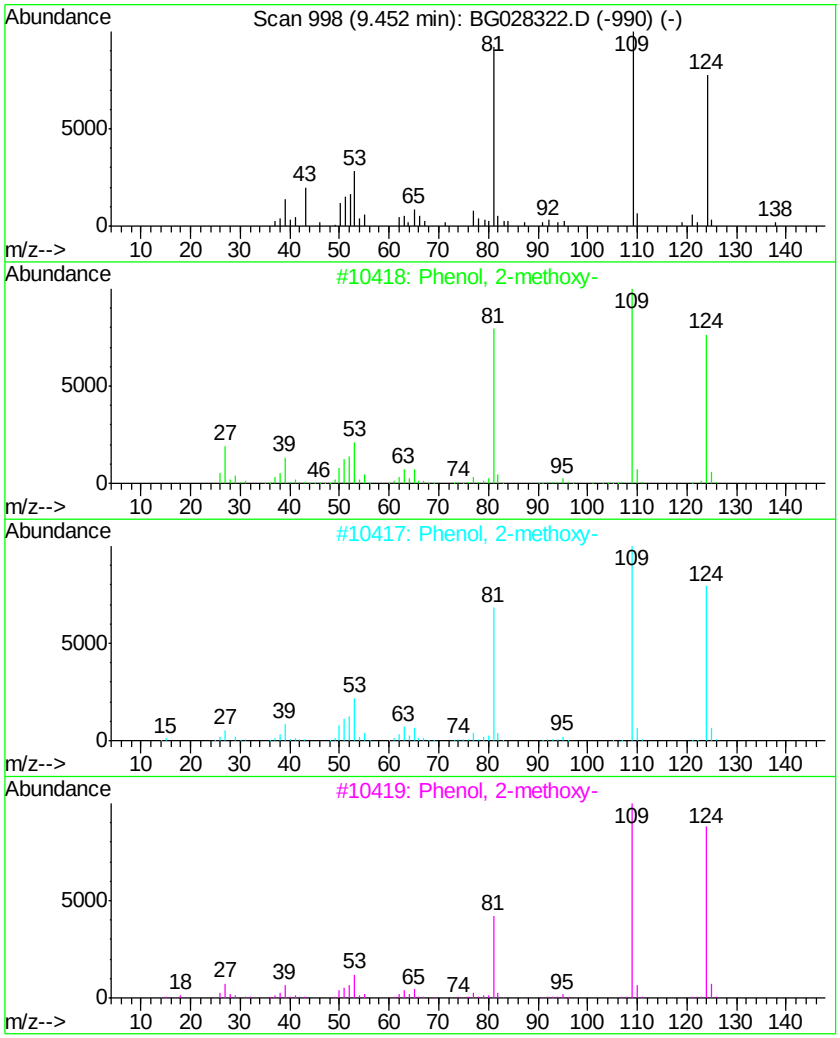
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

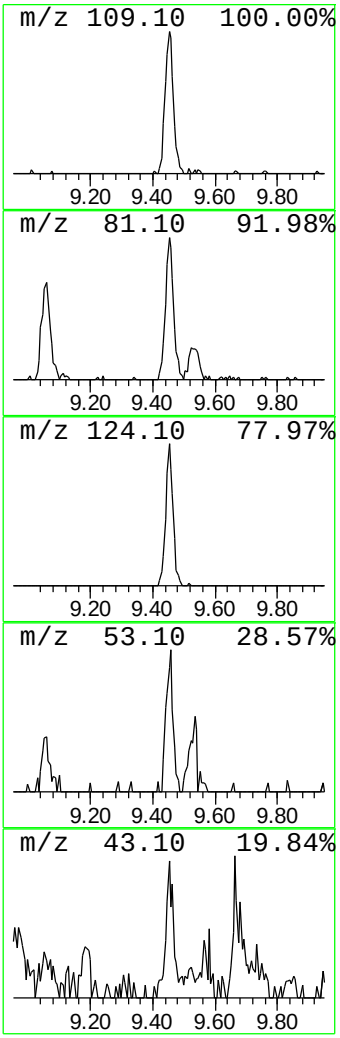
****

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	4.10 ng/ul	78623	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	80
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	72





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Acq On : 14 Aug 2017 21:24
Operator : SJ/JU
Sample : I4630-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB0

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

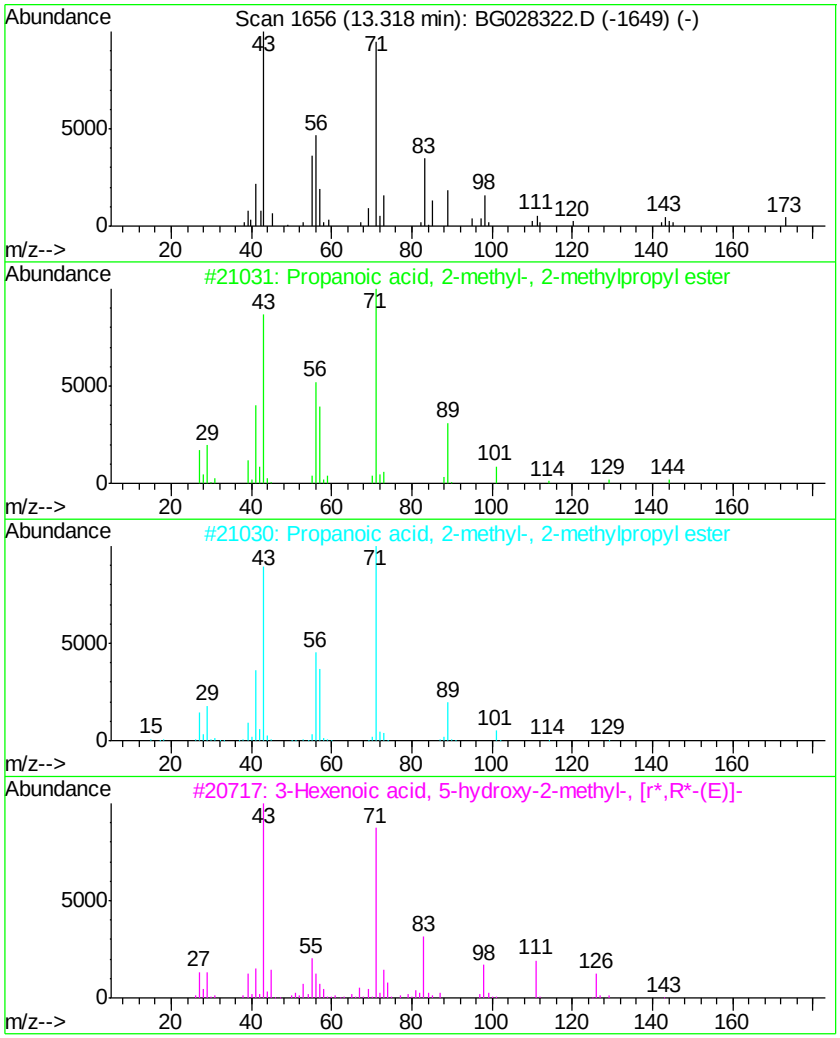
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

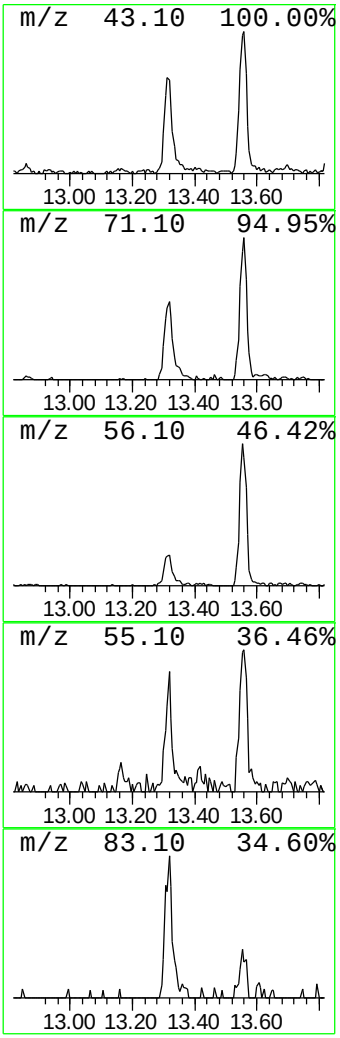
****

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	2.11 ng/ul	81730	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	53
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	53
3	3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	50
4	Propanoic acid, 2-methyl-, decyl...	228	C14H28O2	005454-22-8	50
5	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	45





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C0AB0

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

TIC Library : C:\DATABASE\NIST11.L
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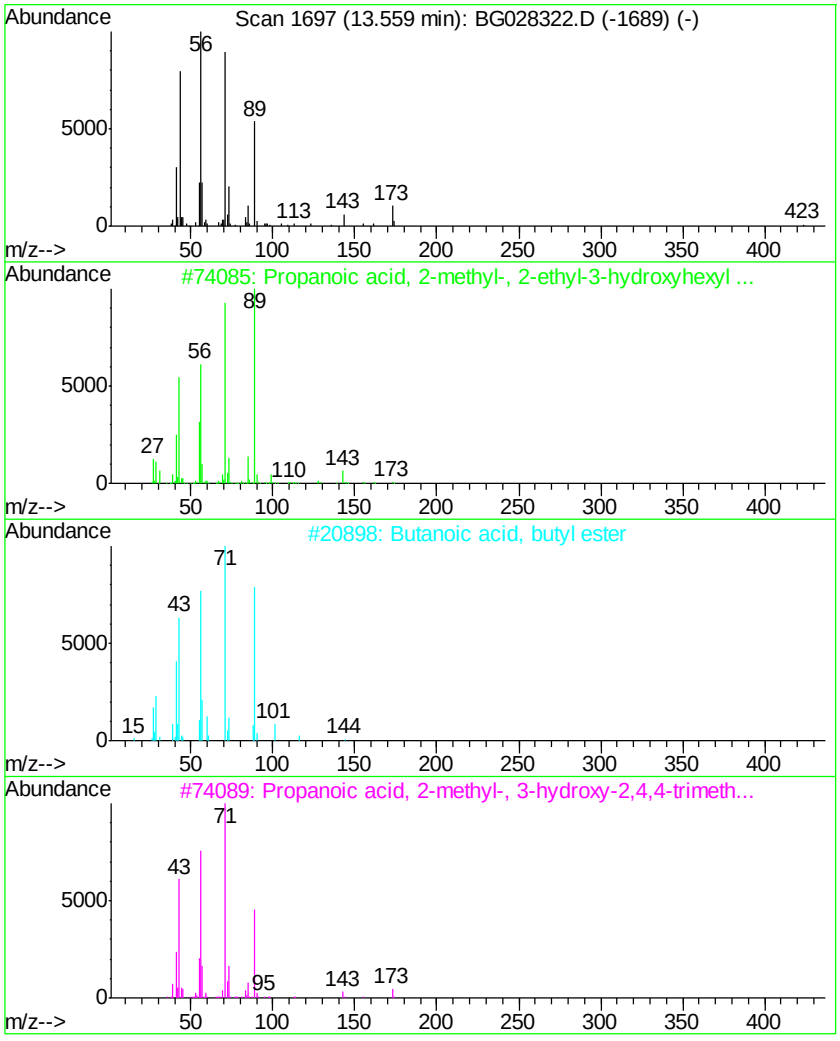
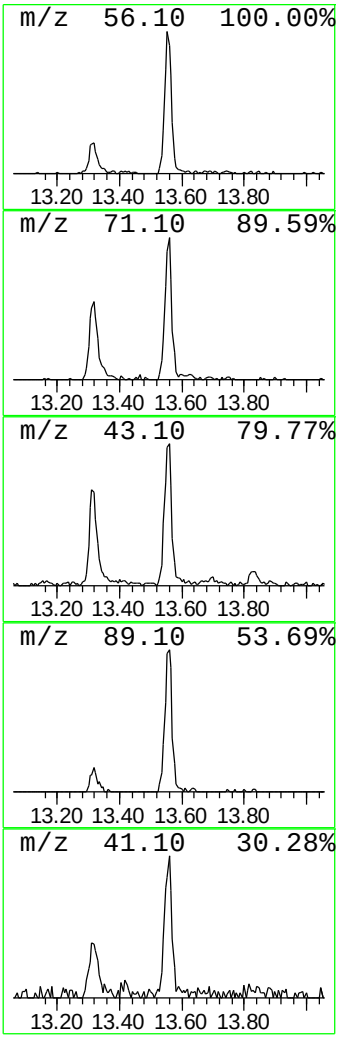
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.99 ng/ul	154476	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	56
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	50
3	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	50
4	2,2,5,5,6-Pentamethyl-4,7,9-trio...	200	C11H20O3	062759-70-0	42
5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	40





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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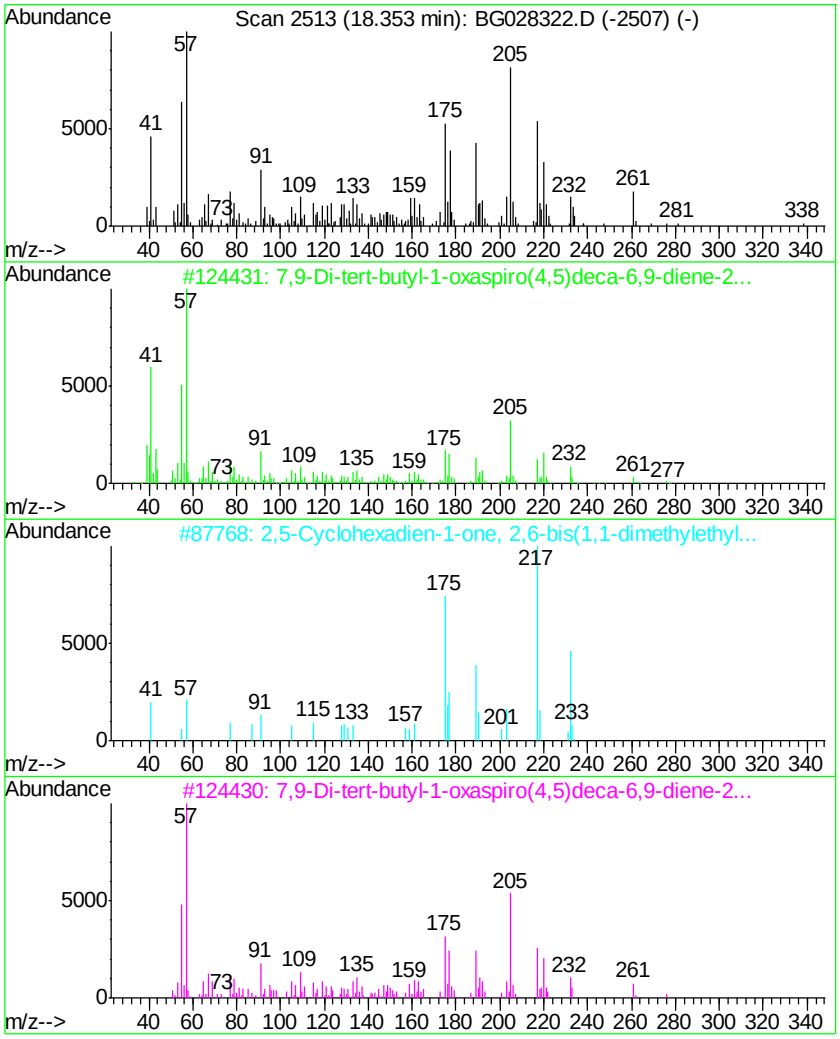
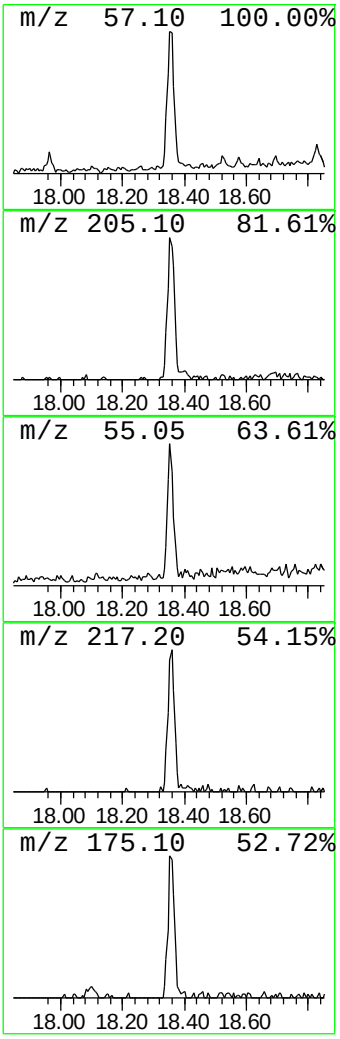
****

Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	5.14 ng/ul	253482	Phenanthrene-d10	17.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	59
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	45
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	43
5	3-Acetylphenanthrene	220	C16H12O	002039-76-1	38





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Sample : I4630-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

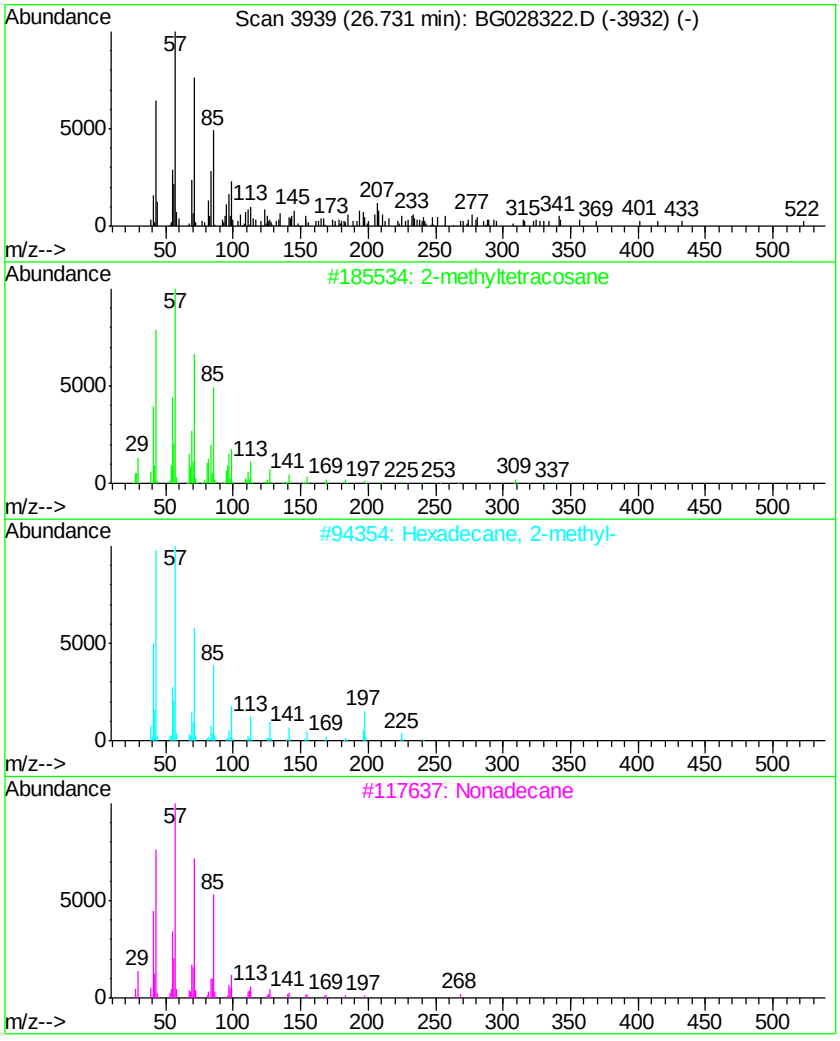
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

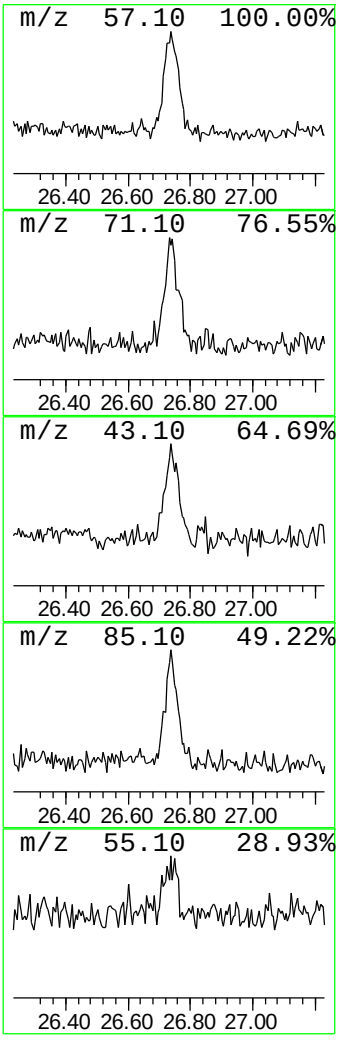
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	3.23 ng/ul	164744	Perylene-d12	25.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	80
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	80
3	Nonadecane	268	C19H40	000629-92-5	76
4	Tetracosane	338	C24H50	000646-31-1	72
5	Pentatriacontane	493	C35H72	000630-07-9	72





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Data File : BG028322.D
Acq On : 14 Aug 2017 21:24
Operator : SJ/JU
Sample : I4630-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB0

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Quant Title : SVOA CALIBRATION

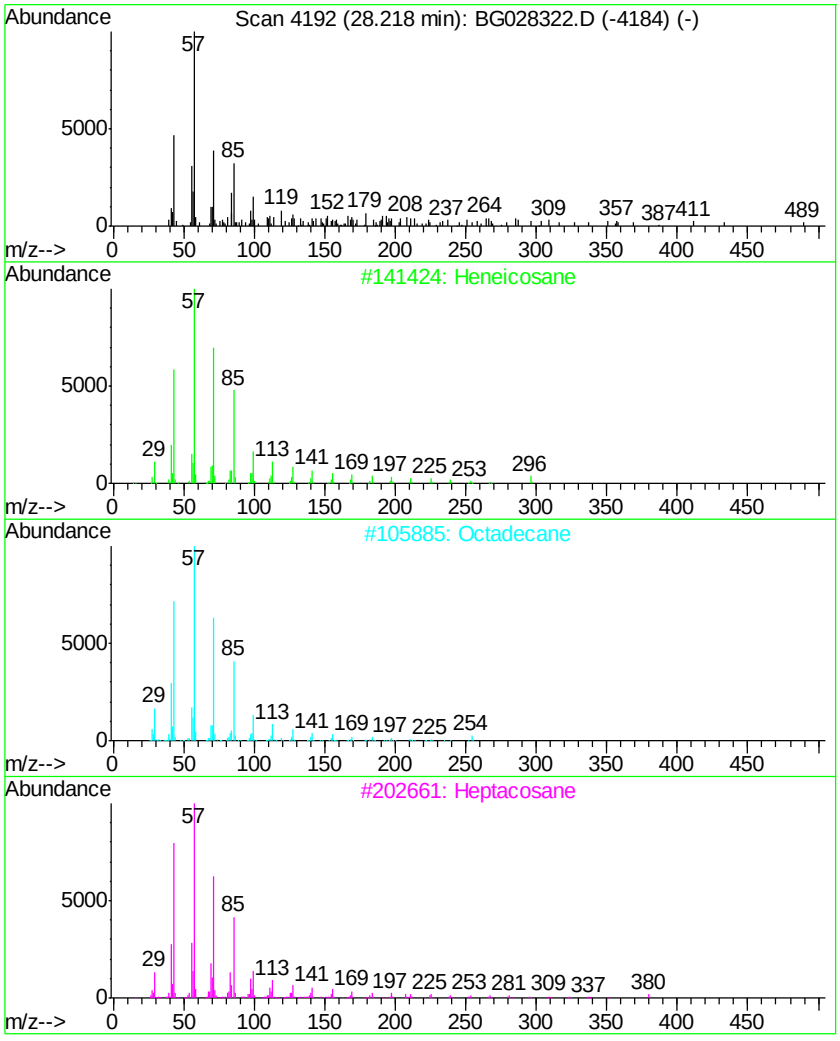
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

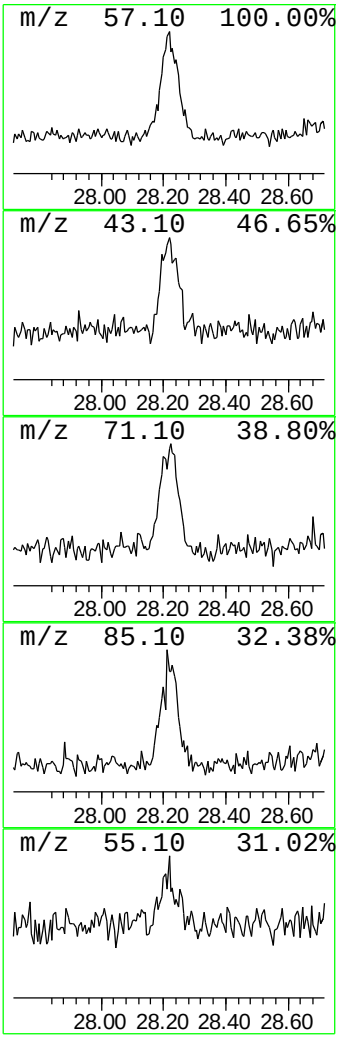
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.22	4.06 ng/ul	207382	Perylene-d12	25.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	70
2	Octadecane	254	C18H38	000593-45-3	70
3	Heptacosane	380	C27H56	000593-49-7	62
4	Octadecane	254	C18H38	000593-45-3	62
5	Heneicosane	296	C21H44	000629-94-7	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028322.D
Acq On : 14 Aug 2017 21:24
Operator : SJ/JU
Sample : I4630-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB0

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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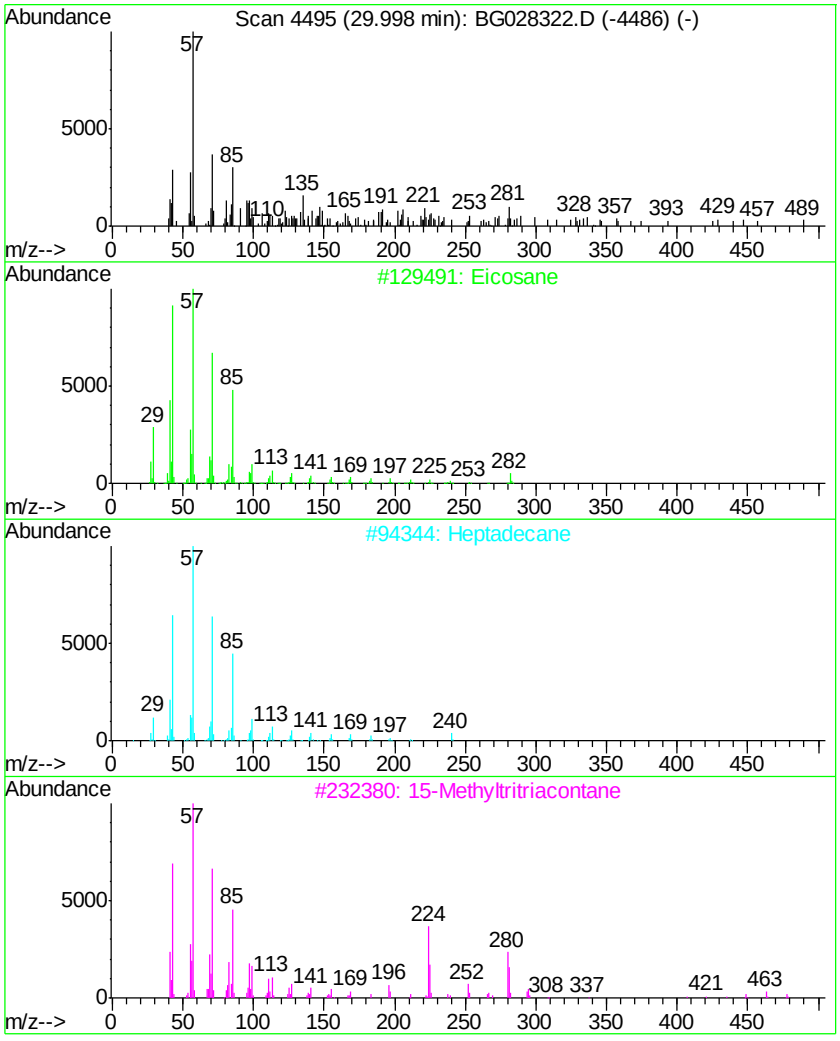
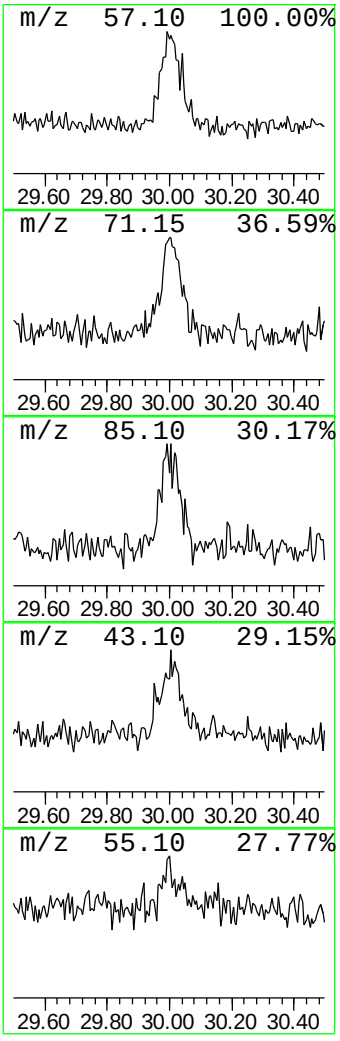
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.00	2.60 ng/ul	132611	Perylene-d12	25.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	38
2	Heptadecane	240	C17H36	000629-78-7	30
3	15-Methyltritriacontane	479	C34H70	1000131-20-3	27
4	Heptadecane	240	C17H36	000629-78-7	25
5	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028322.D
Acq On : 14 Aug 2017 21:24
Operator : SJ/JU
Sample : I4630-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB0

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
Phenol, 2-methoxy-	9.45	4.1	ng/ul	78623	1	8.36	383398	20.0
Propanoic acid, 2...	13.32	2.1	ng/ul	81730	3	14.96	774751	20.0
Propanoic acid, 2...	13.56	4.0	ng/ul	154476	3	14.96	774751	20.0
7,9-Di-tert-butyl...	18.35	5.1	ng/ul	253482	4	17.72	986996	20.0
(DEL) Alkane: Str...	26.73	3.2	ng/ul	164744	6	25.56	1021120	20.0
(DEL) Alkane: Str...	28.22	4.1	ng/ul	207382	6	25.56	1021120	20.0
(DEL) Alkane: Str...	30.00	2.6	ng/ul	132611	6	25.56	1021120	20.0