LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028258.D
Acq On : 10 Aug 2017 14:47
Operator : SJ/JU
Sample : I4630-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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	3.743	23	26	29	rBV3	2931	3792	0.22%	0.025%
2	3.837	38	42	50	rVB5	8038	13399	0.79%	0.087%
3	4.277	113	117	120	rVB4	2626	3988	0.23%	0.026%
4	4.982	234	237	244	rVB4	2195	3610	0.21%	0.023%
5	5.164	263	268	269	rBV2	1988	3282	0.19%	0.021%
6	5.887	387	391	396	rVV4	3291	4318	0.25%	0.028%
7	6.422	473	482	495	rBV7	6585	22275	1.31%	0.145%
8	6.557	502	505	512	rVB5	2361	3528	0.21%	0.023%
9	6.980	572	577	585	rVB6	3478	7220	0.42%	0.047%
10	7.503	660	666	678	rBV2	37956	77126	4.53%	0.501%
11	7.667	685	694	704	rBV	123617	216763	12.72%	1.409%
12	7.767	705	711	720	rVB5	3477	8693	0.51%	0.057%
13	7.885	720	731	747	rBV2	141959	254442	14.93%	1.654%
14	8.249	789	793	800	rVB3	1634	3430	0.20%	0.022%
15	8.355	800	811	830	rBV2	128934	295927	17.37%	1.924%
16	8.502	830	836	839	rBV2	2261	4108	0.24%	0.027%
17	8.596	848	852	857	rVB4	2647	4440	0.26%	0.029%
18	9.042	922	928	938	rBV2	112768	205108	12.04%	1.334%
19	9.183	943	952	965	rVB4	11718	25491	1.50%	0.166%
20	9.442	990	996	1003	rBV3	30968	63328	3.72%	0.412%
21	9.518	1003	1009	1025	rVB	183811	342818	20.12%	2.229%
22	9.659	1029	1033	1041	rBV6	3769	6555	0.38%	0.043%
23	9.888	1070	1072	1081	rBV2	1780	3540	0.21%	0.023%
24	10.241	1119	1132	1144	rBV	151553	297113	17.44%	1.932%
25	10.617	1190	1196	1201	rBV4	2976	5612	0.33%	0.036%
26	10.787	1213	1225	1244	rVB	205837	403231	23.66%	2.622%
27	10.934	1244	1250	1258	rBV5	6539	14069	0.83%	0.091%
28	11.075	1267	1274	1277	rBV5	7845	15667	0.92%	0.102%
29	11.169	1283	1290	1300	rVB2	184917	347952	20.42%	2.262%
30	11.551	1353	1355	1361	rVB4	2170	3428	0.20%	0.022%
31	11.674	1368	1376	1382	rBV3	5622	12773	0.75%	0.083%
32	11.733	1382	1386	1391	rVB2	4987	8306	0.49%	0.054%
33	11.827	1397	1402	1409	rVB5	5658	9255	0.54%	0.060%
34	11.898	1409	1414	1419	rBV	2386	3650	0.21%	0.024%

LSC Area Percent Report

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Acq On : 10 Aug 2017 14:47
Operator : SJ/JU
Sample : I4630-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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	12.068	1438	1443	1449	rVB3	1958	4406	0.26%	0.029%
36	12.133	1449	1454	1461	rBV3	1996	5525	0.32%	0.036%
37	12.432	1497	1505	1518	rBV4	10537	24530	1.44%	0.159%
38	12.620	1531	1537	1541	rBV4	2038	4209	0.25%	0.027%
39	12.732	1550	1556	1564	rBV3	4453	8011	0.47%	0.052%
40	13.020	1600	1605	1610	rBV2	2161	3288	0.19%	0.021%
41	13.167	1625	1630	1633	rVB2	2841	3225	0.19%	0.021%
42	13.308	1648	1654	1666	rVB3	51586	79672	4.68%	0.518%
43	13.408	1667	1671	1678	rVB3	3280	6880	0.40%	0.045%
44	13.549	1687	1695	1708	rVB	74246	118205	6.94%	0.769%
45	13.890	1745	1753	1758	rBV5	4309	8024	0.47%	0.052%
46	14.348	1821	1831	1838	rBV	516310	757253	44.44%	4.924%
47	14.536	1857	1863	1868	rBV3	2741	3558	0.21%	0.023%
48	14.653	1876	1883	1895	rVB	478367	763359	44.80%	4.964%
49	14.812	1905	1910	1916	rVB2	5157	8020	0.47%	0.052%
50	14.959	1927	1935	1943	rBV2	319038	528754	31.03%	3.438%
51	15.018	1943	1945	1954	rVB3	3143	5307	0.31%	0.035%
52	15.153	1959	1968	1978	rBV4	28563	79124	4.64%	0.514%
53	15.447	2014	2018	2022	rVB2	1787	3203	0.19%	0.021%
54	15.517	2022	2030	2037	rBV5	4410	11684	0.69%	0.076%
55	15.617	2039	2047	2053	rBV4	12193	27808	1.63%	0.181%
56	15.717	2060	2064	2067	rBV	23969	32358	1.90%	0.210%
57	15.946	2095	2103	2112	rBV	704440	1106591	64.94%	7.195%
58	16.058	2114	2122	2136	rBV	301522	467331	27.43%	3.039%
59	16.187	2136	2144	2151	rVB4	7422	15214	0.89%	0.099%
60	16.304	2157	2164	2171	rVB4	9680	22297	1.31%	0.145%
61	16.551	2198	2206	2211	rBV4	3565	7451	0.44%	0.048%
62	17.280	2321	2330	2335	rBV2	3635	5190	0.30%	0.034%
63	17.709	2395	2403	2411	rBV	477835	747534	43.87%	4.861%
64	17.808	2411	2420	2431	rVV	885346	1387526	81.43%	9.022%
65	17.955	2439	2445	2453	rVB	6679	12726	0.75%	0.083%
66	18.255	2489	2496	2500	rBV4	3291	5622	0.33%	0.037%
67	18.349	2506	2512	2518	rVV2	204982	273694	16.06%	1.780%
68	18.519	2536	2541	2543	rBV2	4512	6511	0.38%	0.042%
69	18.637	2556	2561	2564	rBV	5620	7123	0.42%	0.046%
70	18.825	2588	2593	2597	rVV3	13828	18464	1.08%	0.120%
71	18.860	2597	2599	2603	rVB3	3376	3586	0.21%	0.023%

LSC Area Percent Report

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Acq On : 10 Aug 2017 14:47
Operator : SJ/JU
Sample : I4630-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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	19.083	2630	2637	2642	rBV6	8168	13109	0.77%	0.085%
73	19.154	2646	2649	2656	rBV5	5192	7723	0.45%	0.050%
74	19.718	2739	2745	2750	rBV	10921	14652	0.86%	0.095%
75	19.765	2750	2753	2758	rVB4	2863	3726	0.22%	0.024%
76	19.971	2781	2788	2792	rBV2	9759	17039	1.00%	0.111%
77	20.082	2799	2807	2820	rVB	1140505	1703914	100.00%	11.079%
78	20.394	2857	2860	2862	rBV3	2056	3210	0.19%	0.021%
79	21.387	3018	3029	3039	rBV3	11193	49754	2.92%	0.324%
80	21.563	3058	3059	3062	rBV3	3395	3994	0.23%	0.026%
81	21.651	3070	3074	3077	rVB6	6341	9136	0.54%	0.059%
82	21.722	3084	3086	3091	rBV5	3108	4358	0.26%	0.028%
83	22.039	3132	3140	3155	rVB	519866	944116	55.41%	6.139%
84	22.139	3155	3157	3159	rBV3	4515	4667	0.27%	0.030%
85	22.656	3243	3245	3247	rVB3	6011	4149	0.24%	0.027%
86	22.850	3273	3278	3287	rVB10	4977	12564	0.74%	0.082%
87	23.243	3344	3345	3350	rBV5	4839	6782	0.40%	0.044%
88	23.584	3394	3403	3418	rBV2	118793	268299	15.75%	1.745%
89	24.301	3523	3525	3535	rVB9	4112	9091	0.53%	0.059%
90	24.459	3544	3552	3560	rBV5	20060	50901	2.99%	0.331%
91	25.300	3681	3695	3708	rBV3	534173	1606187	94.26%	10.444%
92	25.541	3720	3736	3750	rVB2	281117	950078	55.76%	6.178%
93	25.817	3780	3783	3787	rBV4	3765	5469	0.32%	0.036%
94	26.722	3928	3937	3948	rVB5	29621	91431	5.37%	0.595%
95	27.591	4082	4085	4087	rBV5	4394	4979	0.29%	0.032%
96	28.185	4177	4186	4200	rVB6	28563	105799	6.21%	0.688%
97	29.883	4472	4475	4479	rBV5	3630	7420	0.44%	0.048%
98	29.971	4480	4490	4507	rVB7	22254	99610	5.85%	0.648%
99	30.458	4569	4573	4575	rBV4	4589	6734	0.40%	0.044%
100	32.133	4841	4858	4873	rBV10	18663	99039	5.81%	0.644%

Sum of corrected areas: 15379430

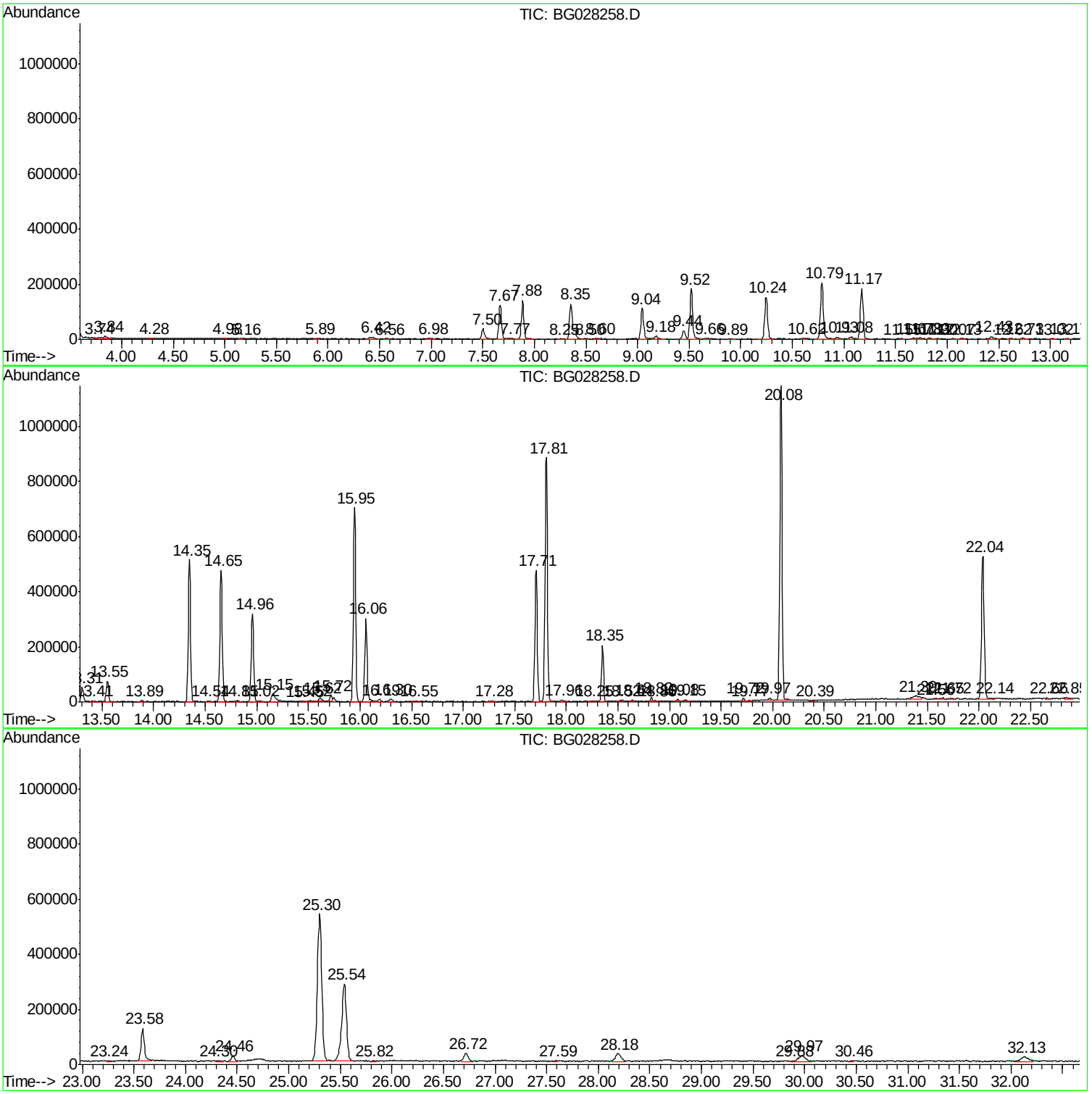
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028258.D
Acq On : 10 Aug 2017 14:47
Operator : SJ/JU
Sample : I4630-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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\BG081017\
Data File : BG028258.D
Acq On : 10 Aug 2017 14:47
Operator : SJ/JU
Sample : I4630-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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

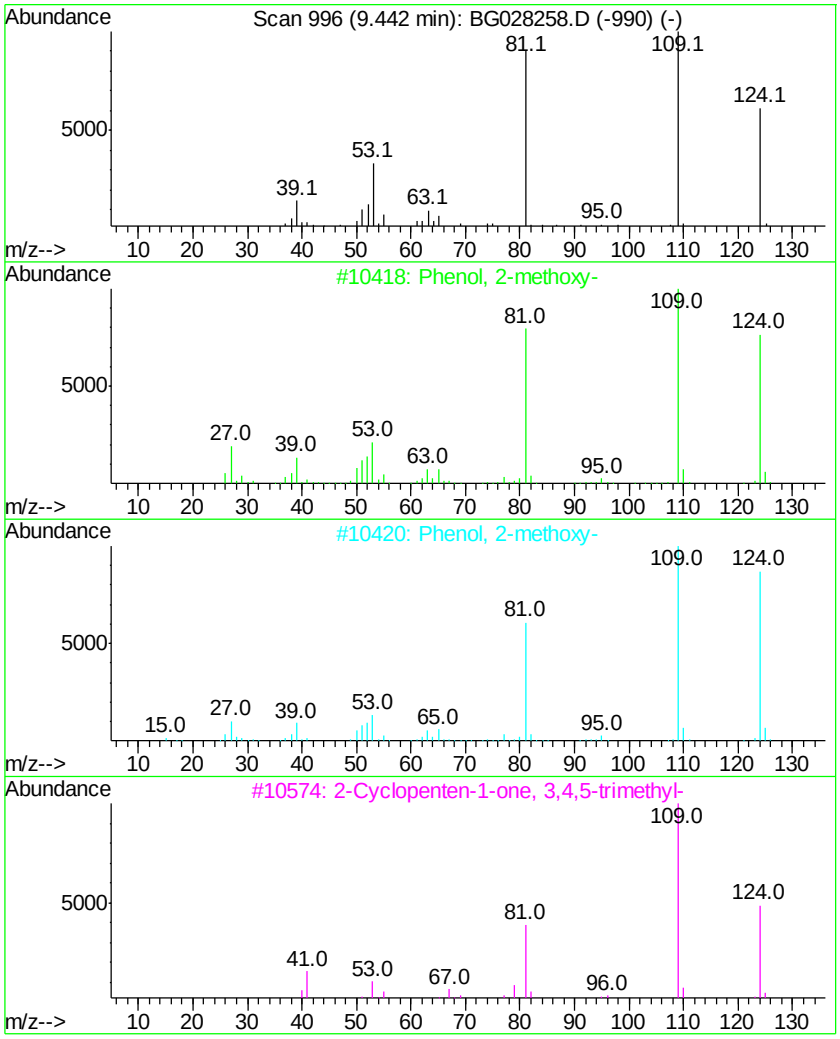
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

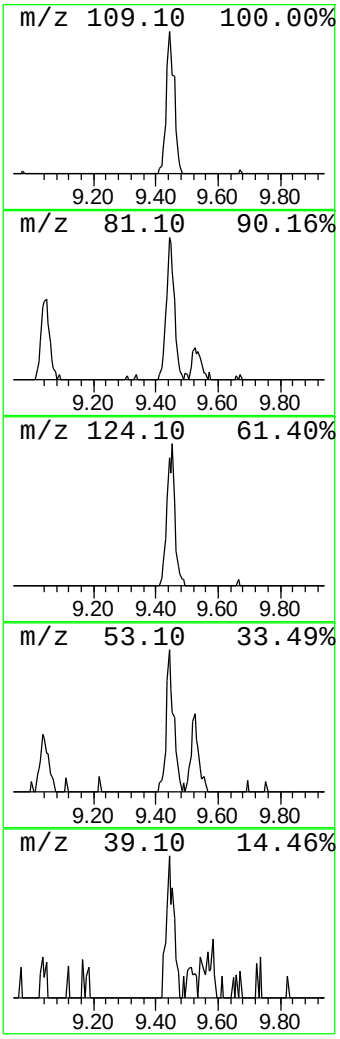
****

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	4.28 ng/ul	63328	1,4-Dichlorobenzene-d4	8.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	80
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64
3	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	64
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64
5	Mequinol	124	C7H8O2	000150-76-5	56





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028258.D
Acq On : 10 Aug 2017 14:47
Operator : SJ/JU
Sample : I4630-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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

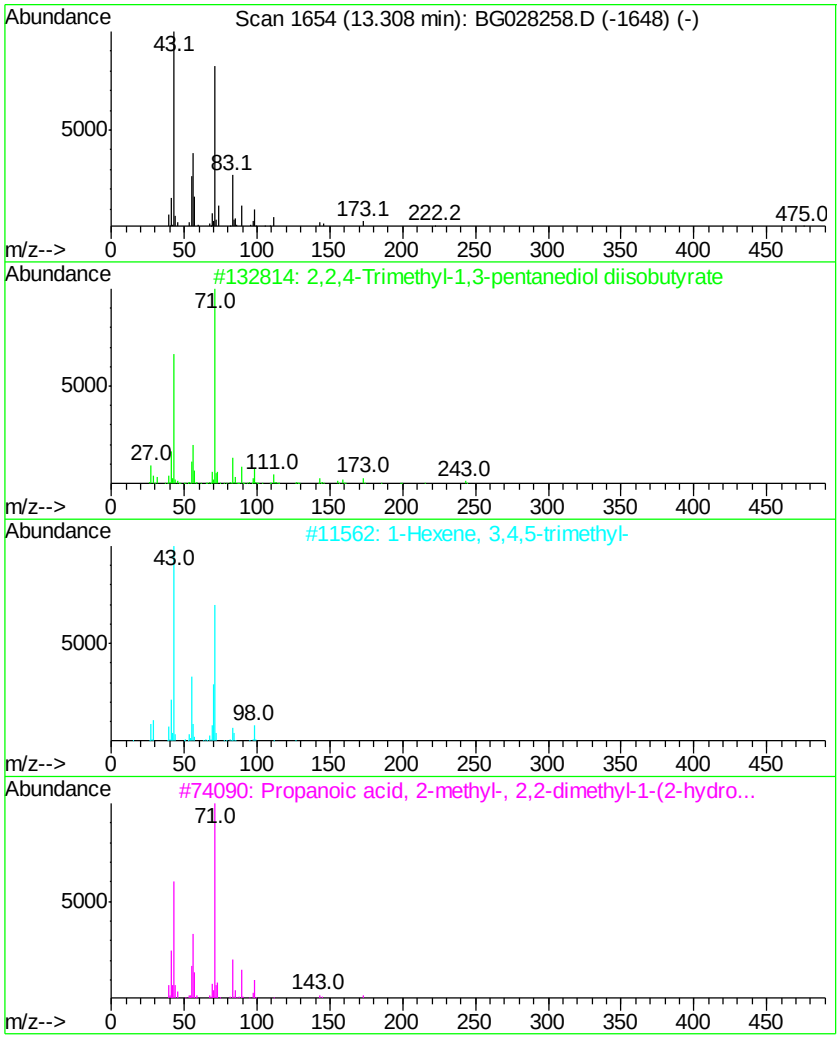
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

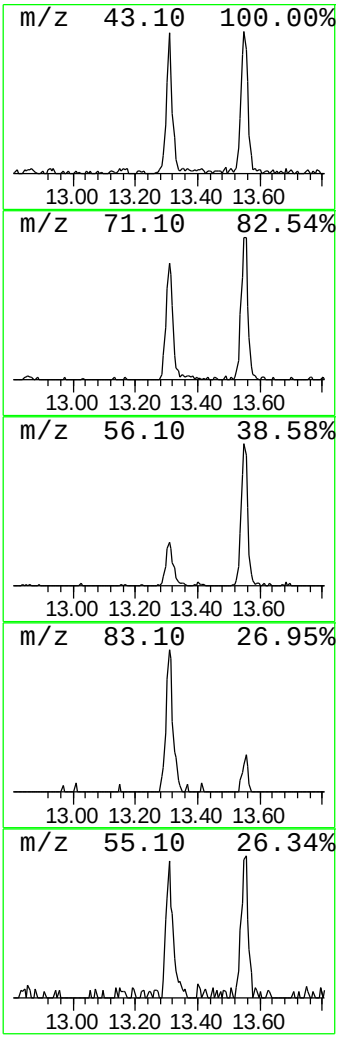
****

Peak Number 2 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	3.01 ng/ul	79672	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	53
2	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43
3	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	43
4	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	43
5	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	42





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Sample : I4630-03
Misc :
ALS Vial : 4 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

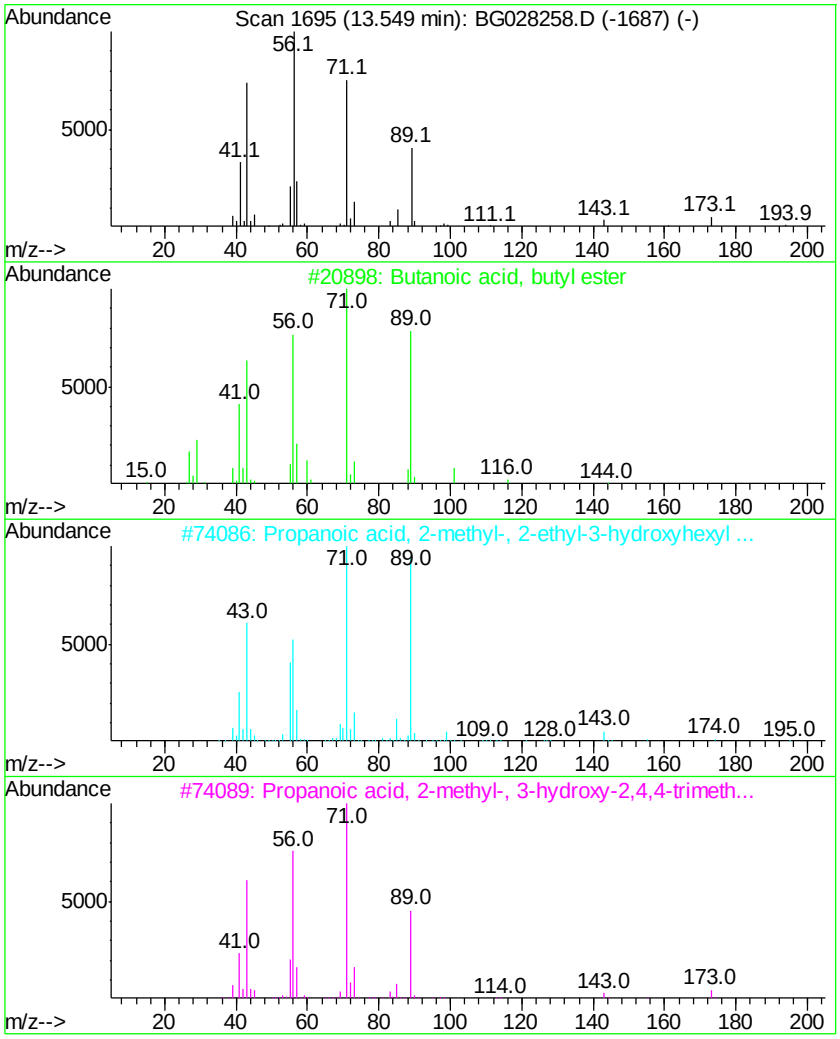
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

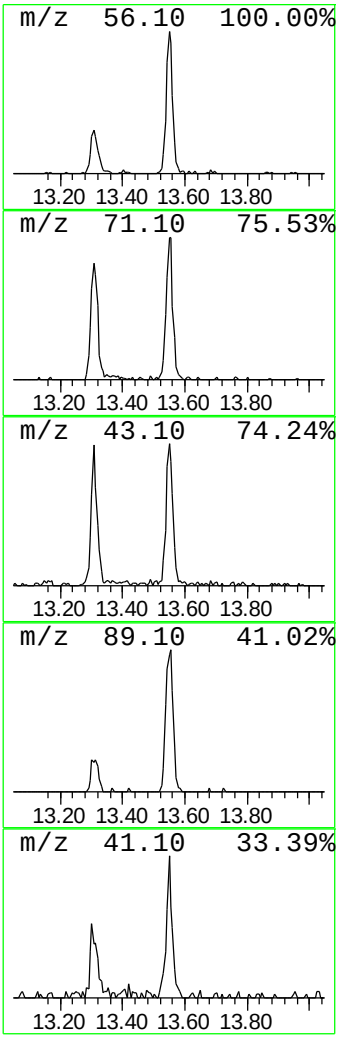
****

Peak Number 3 Butanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	4.47 ng/ul	118205	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	78
2	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	64
3	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	53
4	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	53
5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	38





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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

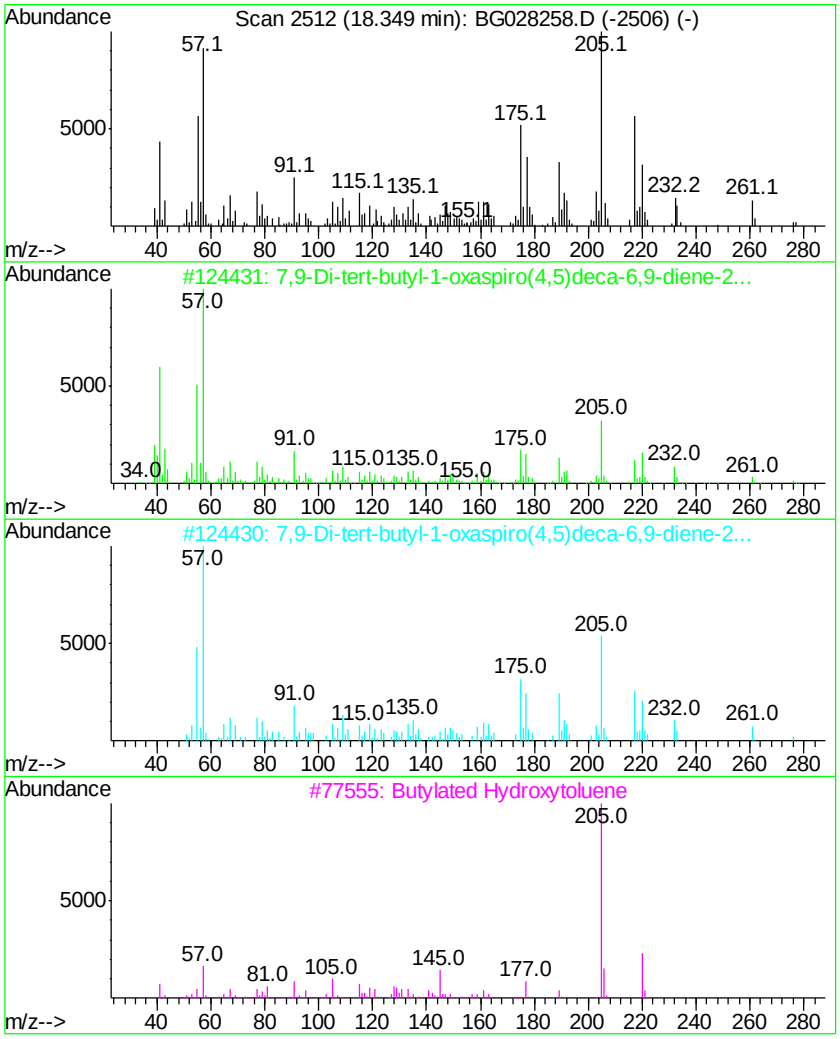
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

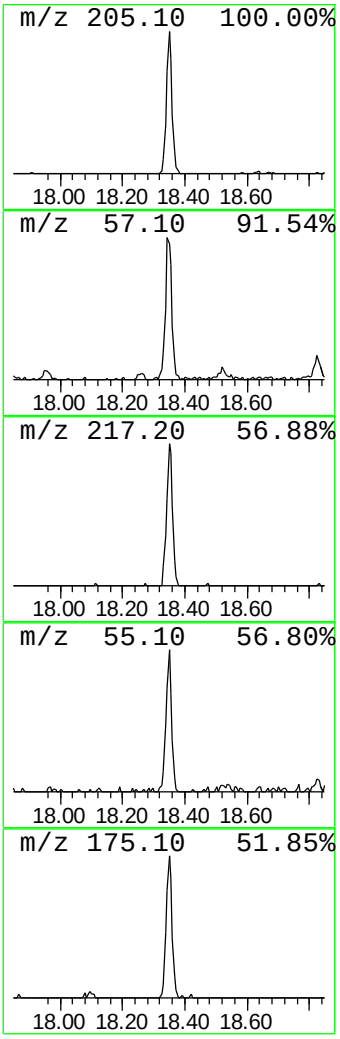
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	7.32 ng/ul	273694	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	55
4	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	42
5	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028258.D
Acq On : 10 Aug 2017 14:47
Operator : SJ/JU
Sample : I4630-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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

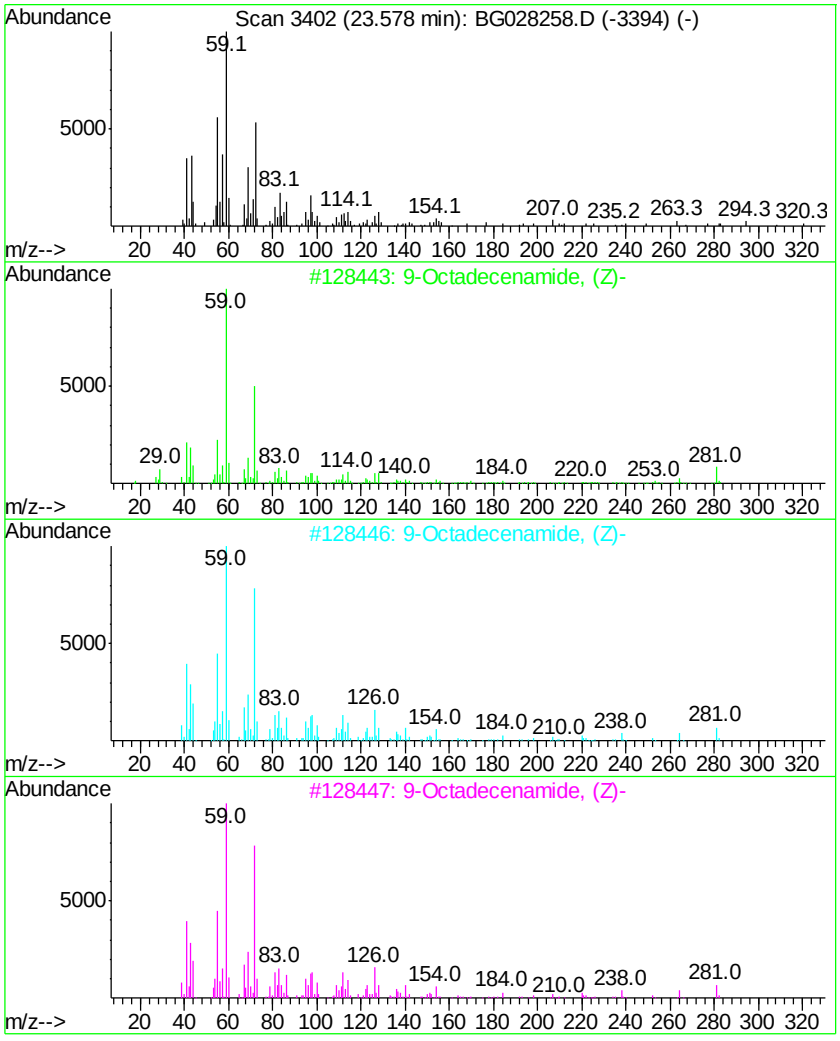
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

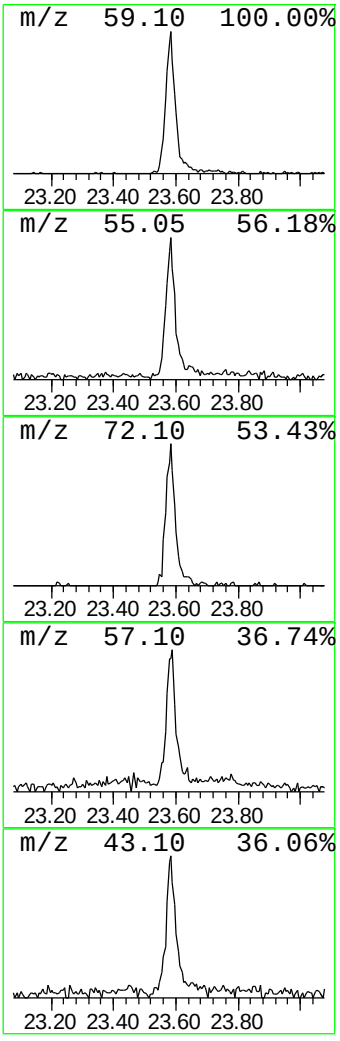
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	5.68 ng/ul	268299	Chrysene-d12	22.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83





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Acq On : 10 Aug 2017 14:47
Operator : SJ/JU
Sample : I4630-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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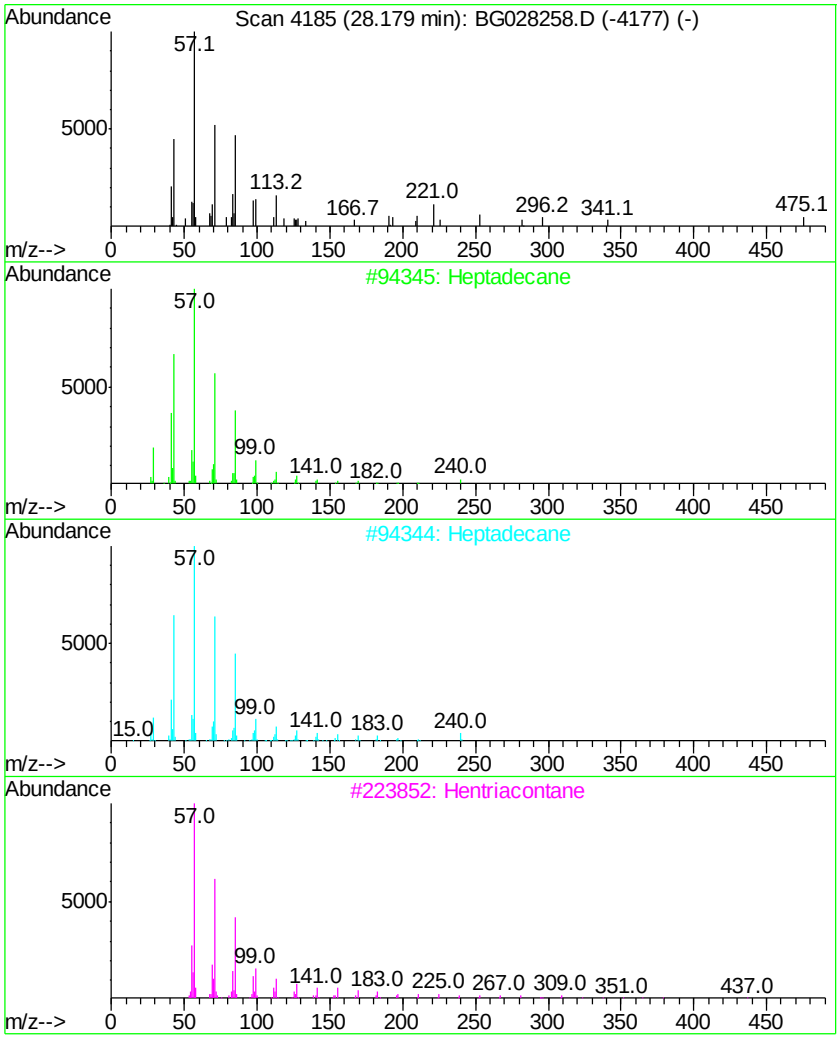
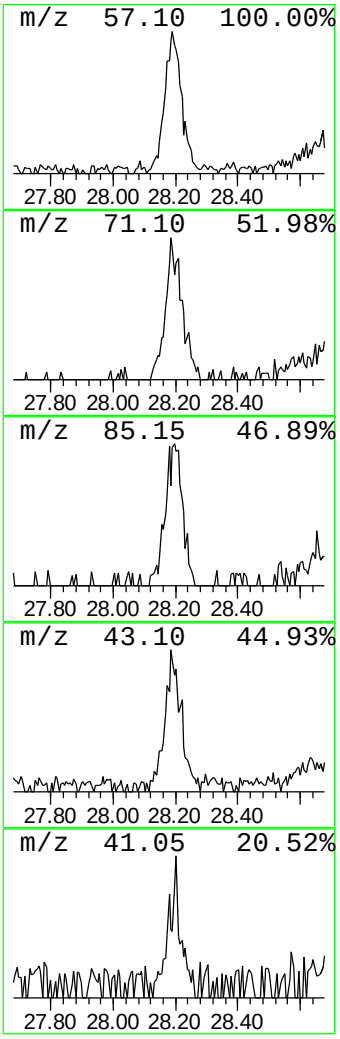
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.18	2.23 ng/ul	105799	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	60
2	Heptadecane	240	C17H36	000629-78-7	60
3	Hentriacontane	437	C31H64	000630-04-6	53
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	52
5	Nonadecane	268	C19H40	000629-92-5	52





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Data File : BG028258.D
Acq On : 10 Aug 2017 14:47
Operator : SJ/JU
Sample : I4630-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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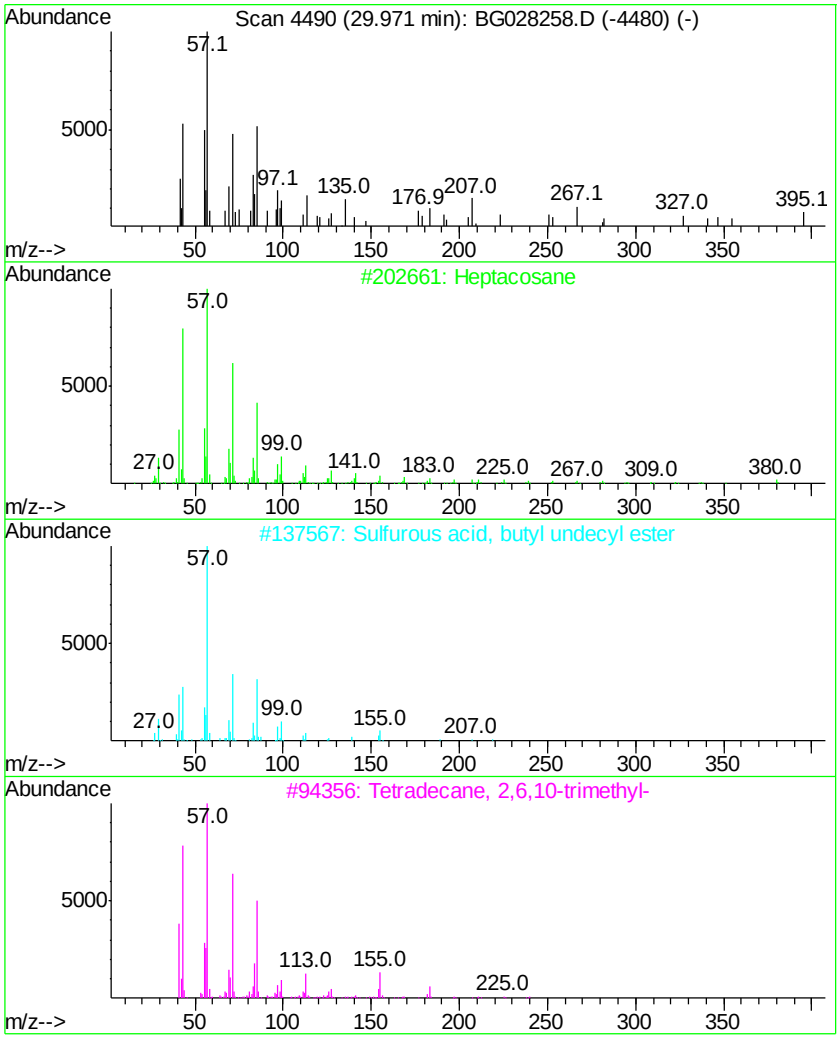
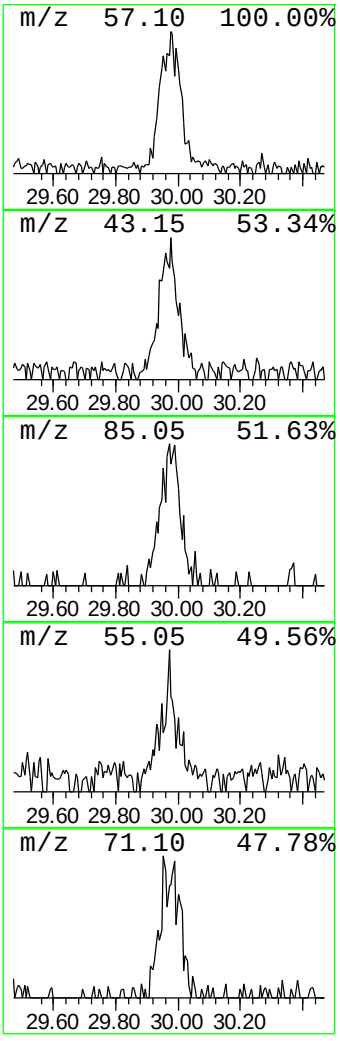
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.97	2.10 ng/ul	99610	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	50
2	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	50
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	47
4	Heptadecane	240	C17H36	000629-78-7	47
5	Pentadecane	212	C15H32	000629-62-9	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028258.D
Acq On : 10 Aug 2017 14:47
Operator : SJ/JU
Sample : I4630-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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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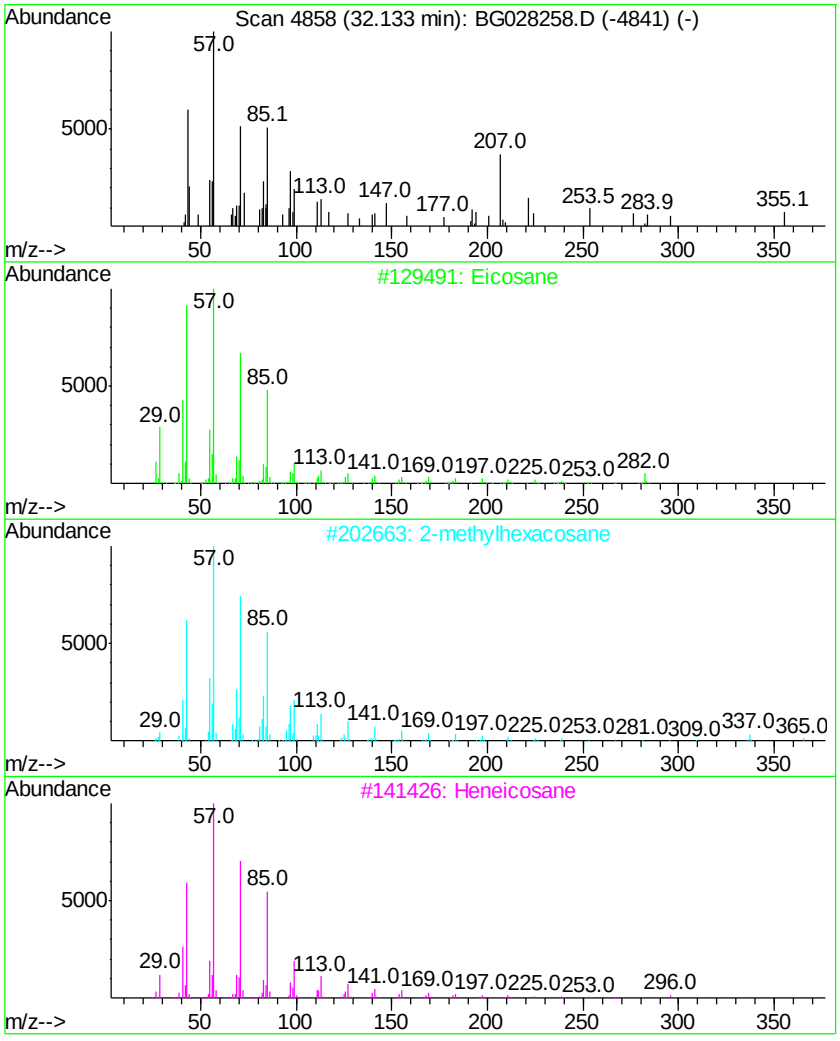
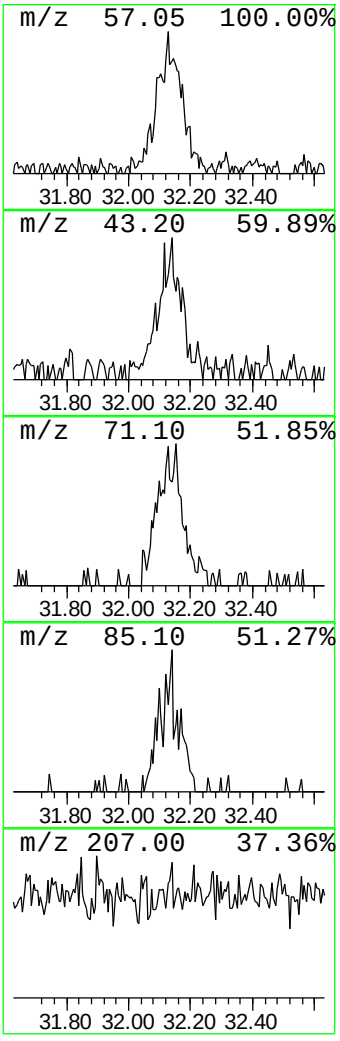
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.13	2.08 ng/ul	99039	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	55
2	2-methylhexacosane	380	C27H56	1000376-72-7	49
3	Heneicosane	296	C21H44	000629-94-7	47
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	47
5	Pentacosane	352	C25H52	000629-99-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081017\
Data File : BG028258.D
Acq On : 10 Aug 2017 14:47
Operator : SJ/JU
Sample : I4630-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA9

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-	9.44	4.3	ng/ul	63328	1	8.35	295927	20.0
2,2,4-Trimethyl-1...	13.31	3.0	ng/ul	79672	3	14.96	528754	20.0
Butanoic acid, bu...	13.55	4.5	ng/ul	118205	3	14.96	528754	20.0
7,9-Di-tert-butyl...	18.35	7.3	ng/ul	273694	4	17.71	747534	20.0
9-Octadecenamide,...	23.58	5.7	ng/ul	268299	5	22.04	944116	20.0
(DEL) Alkane: Str...	28.18	2.2	ng/ul	105799	6	25.53	950078	20.0
(DEL) Alkane: Str...	29.97	2.1	ng/ul	99610	6	25.53	950078	20.0
(DEL) Alkane: Str...	32.13	2.1	ng/ul	99039	6	25.53	950078	20.0