LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028586.D
Acq On : 6 Sep 2017 17:26
Operator : SJ/JU
Sample : I5097-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDZT4

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	3.818	31	39	44	rBV4	7527	13819	1.06%	0.094%
2	4.105	84	88	94	rBV5	1836	3427	0.26%	0.023%
3	4.235	106	110	113	rBV4	1819	3328	0.26%	0.023%
4	4.323	122	125	130	rVB3	5222	8251	0.64%	0.056%
5	4.399	134	138	142	rBV4	2597	3949	0.30%	0.027%
6	4.434	142	144	150	rBV3	2013	3336	0.26%	0.023%
7	4.558	159	165	170	rBV5	2932	7365	0.57%	0.050%
8	4.705	187	190	194	rVB3	1929	3169	0.24%	0.022%
9	4.763	194	200	205	rBV5	2985	6604	0.51%	0.045%
10	4.863	211	217	226	rBV2	19212	33492	2.58%	0.229%
11	5.445	310	316	324	rVB2	9269	17964	1.38%	0.123%
12	7.360	634	642	645	rVB5	1666	3649	0.28%	0.025%
13	7.496	652	665	681	rBV2	156418	331464	25.51%	2.263%
14	7.654	685	692	702	rVB2	105854	183687	14.14%	1.254%
15	7.872	721	729	746	rBV	144275	267289	20.57%	1.825%
16	8.107	765	769	774	rBV	1710	2775	0.21%	0.019%
17	8.342	801	809	818	rBV	152597	268655	20.68%	1.834%
18	9.035	919	927	941	rBV	183533	347122	26.72%	2.370%
19	9.335	971	978	984	rBV	1694	3735	0.29%	0.026%
20	9.511	1000	1008	1020	rBV	144463	277523	21.36%	1.895%
21	9.863	1060	1068	1076	rVB4	3090	5792	0.45%	0.040%
22	10.234	1120	1131	1147	rBV3	127517	248929	19.16%	1.700%
23	10.774	1214	1223	1238	rBV	186186	376116	28.95%	2.568%
24	11.156	1280	1288	1302	rVB	205937	392139	30.18%	2.677%
25	11.291	1302	1311	1326	rBV3	131056	268979	20.70%	1.836%
26	11.955	1419	1424	1426	rVV4	2223	3211	0.25%	0.022%
27	12.443	1501	1507	1515	rBV2	21952	39314	3.03%	0.268%
28	12.725	1547	1555	1561	rBV3	2457	5637	0.43%	0.038%
29	13.013	1596	1604	1609	rBV3	1269	2750	0.21%	0.019%
30	13.301	1647	1653	1657	rVB3	3591	6004	0.46%	0.041%
31	13.536	1687	1693	1700	rBV6	5733	10458	0.80%	0.071%
32	13.823	1735	1742	1744	rBV2	2728	4979	0.38%	0.034%
33	14.276	1814	1819	1821	rBV4	2511	2817	0.22%	0.019%
34	14.335	1821	1829	1834	rVV	362785	560637	43.15%	3.828%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028586.D
Acq On : 6 Sep 2017 17:26
Operator : SJ/JU
Sample : I5097-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDZT4

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	14.382	1834	1837	1846	rVV	148865	217203	16.72%	1.483%
36	14.570	1866	1869	1874	rVB	3068	4176	0.32%	0.029%
37	14.646	1874	1882	1897	rBV	382384	631687	48.62%	4.313%
38	14.805	1905	1909	1912	rVB4	2606	3609	0.28%	0.025%
39	14.952	1922	1934	1941	rBV2	337275	565518	43.53%	3.861%
40	15.010	1943	1944	1952	rVB3	2745	4002	0.31%	0.027%
41	15.157	1957	1969	1985	rBV2	101159	243275	18.72%	1.661%
42	15.351	1996	2002	2008	rVB8	5525	10349	0.80%	0.071%
43	15.410	2010	2012	2020	rVB4	2936	5075	0.39%	0.035%
44	15.604	2043	2045	2050	rVB2	2473	3066	0.24%	0.021%
45	15.704	2056	2062	2065	rBV2	3862	6607	0.51%	0.045%
46	15.739	2065	2068	2074	rVB4	5205	9464	0.73%	0.065%
47	15.939	2093	2102	2117	rVB	526623	823506	63.38%	5.623%
48	16.062	2117	2123	2131	rBV	165736	273368	21.04%	1.866%
49	16.180	2137	2143	2153	rVB5	6897	15820	1.22%	0.108%
50	16.291	2153	2162	2169	rBV	139778	214268	16.49%	1.463%
51	16.614	2212	2217	2220	rBV5	2739	4126	0.32%	0.028%
52	16.708	2230	2233	2235	rBV2	2260	2565	0.20%	0.018%
53	16.808	2245	2250	2253	rBV3	4151	3499	0.27%	0.024%
54	16.879	2258	2262	2267	rBV	6757	12446	0.96%	0.085%
55	16.973	2271	2278	2283	rBV	19748	35095	2.70%	0.240%
56	17.049	2288	2291	2299	rVB5	6540	10999	0.85%	0.075%
57	17.261	2325	2327	2332	rVB3	2882	3169	0.24%	0.022%
58	17.454	2358	2360	2364	rVB4	2331	3070	0.24%	0.021%
59	17.496	2364	2367	2374	rBV6	5232	10623	0.82%	0.073%
60	17.625	2386	2389	2394	rVB5	3706	3311	0.25%	0.023%
61	17.701	2394	2402	2407	rBV	458748	731056	56.27%	4.991%
62	17.801	2413	2419	2429	rVB	594188	925554	71.24%	6.319%
63	17.948	2440	2444	2451	rBV6	3988	10520	0.81%	0.072%
64	18.042	2456	2460	2469	rBV7	13624	33768	2.60%	0.231%
65	18.283	2498	2501	2505	rVB5	3622	4673	0.36%	0.032%
66	18.430	2517	2526	2530	rBV7	10025	16806	1.29%	0.115%
67	18.489	2534	2536	2540	rVB4	4528	4097	0.32%	0.028%
68	18.547	2540	2546	2555	rBV4	83689	146096	11.24%	0.997%
69	18.624	2555	2559	2566	rVB3	25681	42833	3.30%	0.292%
70	18.700	2568	2572	2575	rBV3	6209	7032	0.54%	0.048%
71	18.765	2578	2583	2599	rVB7	20952	64520	4.97%	0.441%

LSC Area Percent Report

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Data File : BG028586.D
Acq On : 6 Sep 2017 17:26
Operator : SJ/JU
Sample : I5097-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDZT4

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

72	18.917	2605	2609	2610	rBV4	5739	6684	0.51%	0.046%
73	18.959	2611	2616	2623	rVB3	47155	59178	4.55%	0.404%
74	19.053	2629	2632	2638	rVB4	8969	15021	1.16%	0.103%
75	19.111	2638	2642	2650	rVB9	7625	16478	1.27%	0.113%
76	19.188	2653	2655	2659	rBV4	2853	3247	0.25%	0.022%
77	19.235	2659	2663	2665	rBV5	4703	5549	0.43%	0.038%
78	19.294	2669	2673	2677	rBV7	5878	12590	0.97%	0.086%
79	19.346	2681	2682	2686	rVB3	7625	6826	0.53%	0.047%
80	19.405	2686	2692	2696	rBV8	8139	20731	1.60%	0.142%
81	19.464	2697	2702	2707	rVB7	10261	24228	1.86%	0.165%
82	19.617	2723	2728	2733	rBV8	8772	22415	1.73%	0.153%
83	19.740	2739	2749	2754	rBV	132982	215966	16.62%	1.475%
84	19.805	2757	2760	2769	rVB10	28038	45248	3.48%	0.309%
85	20.075	2799	2806	2818	rVB2	756129	1299287	100.00%	8.871%
86	20.181	2818	2824	2829	rBV9	18109	37591	2.89%	0.257%
87	20.551	2882	2887	2890	rBV4	25810	43047	3.31%	0.294%
88	20.692	2906	2911	2915	rBV3	32377	50809	3.91%	0.347%
89	20.892	2943	2945	2948	rBV4	11771	9716	0.75%	0.066%
90	21.597	3061	3065	3076	rBV4	82831	183178	14.10%	1.251%
91	22.031	3130	3139	3145	rBV	502391	997932	76.81%	6.813%
92	22.255	3172	3177	3183	rBV7	17351	30299	2.33%	0.207%
93	22.831	3270	3275	3277	rBV4	26848	36829	2.83%	0.251%
94	22.878	3278	3283	3297	rVB9	51268	152155	11.71%	1.039%
95	23.565	3396	3400	3409	rVB9	37282	82960	6.39%	0.566%
96	24.440	3540	3549	3563	rBV6	90299	289836	22.31%	1.979%
97	25.304	3686	3696	3705	rBV2	343948	994160	76.52%	6.788%
98	25.545	3721	3737	3747	rVB2	250811	826213	63.59%	5.641%
99	26.702	3925	3934	3943	rVB3	76217	235544	18.13%	1.608%
100	28.171	4178	4184	4195	rVB6	32775	97617	7.51%	0.666%

Sum of corrected areas: 14646550

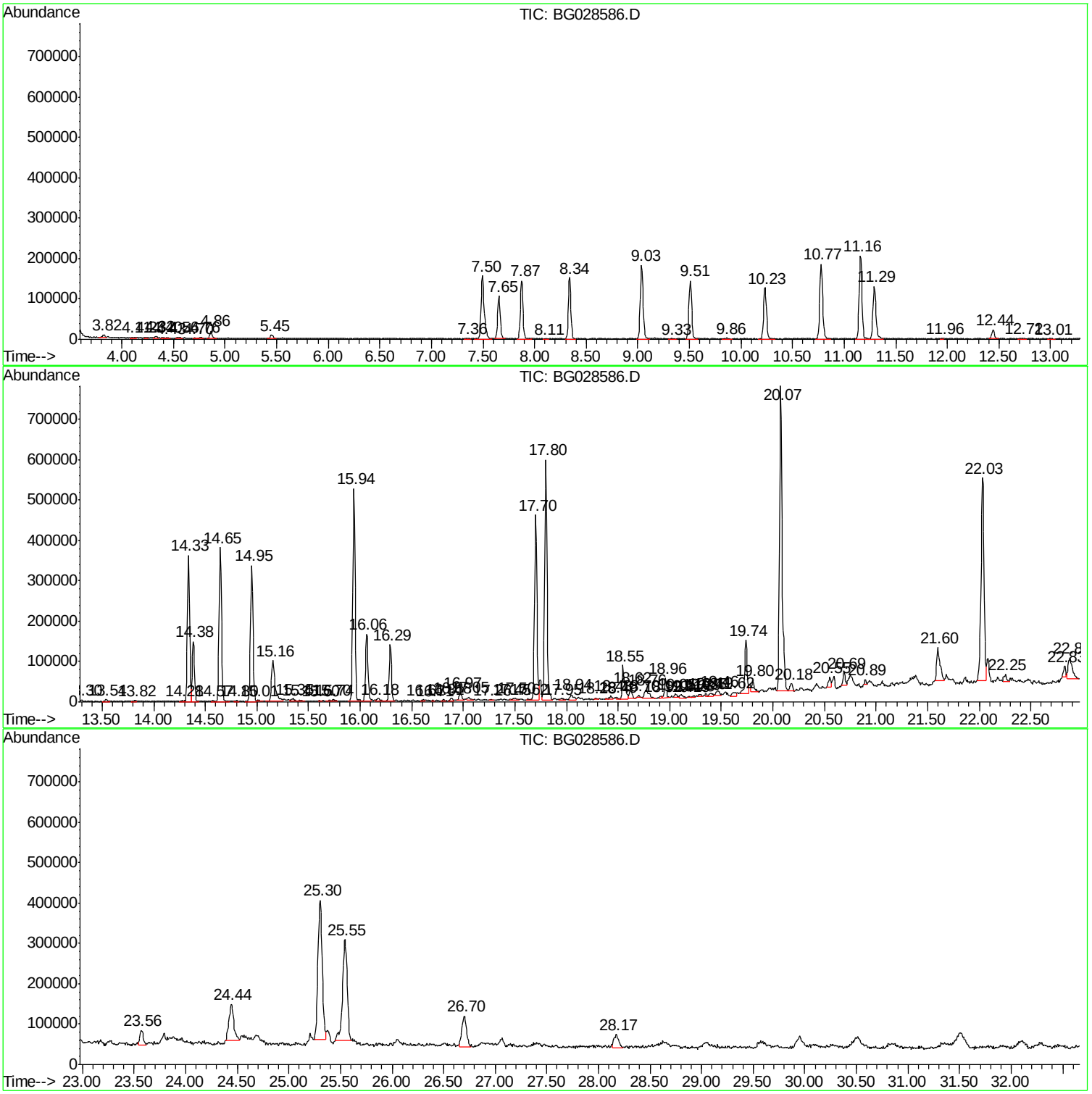
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028586.D
Acq On : 6 Sep 2017 17:26
Operator : SJ/JU
Sample : I5097-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDZT4

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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028586.D
Acq On : 6 Sep 2017 17:26
Operator : SJ/JU
Sample : I5097-18
Misc :
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Instrument : BNA_G
ClientSampleId : BDZT4

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

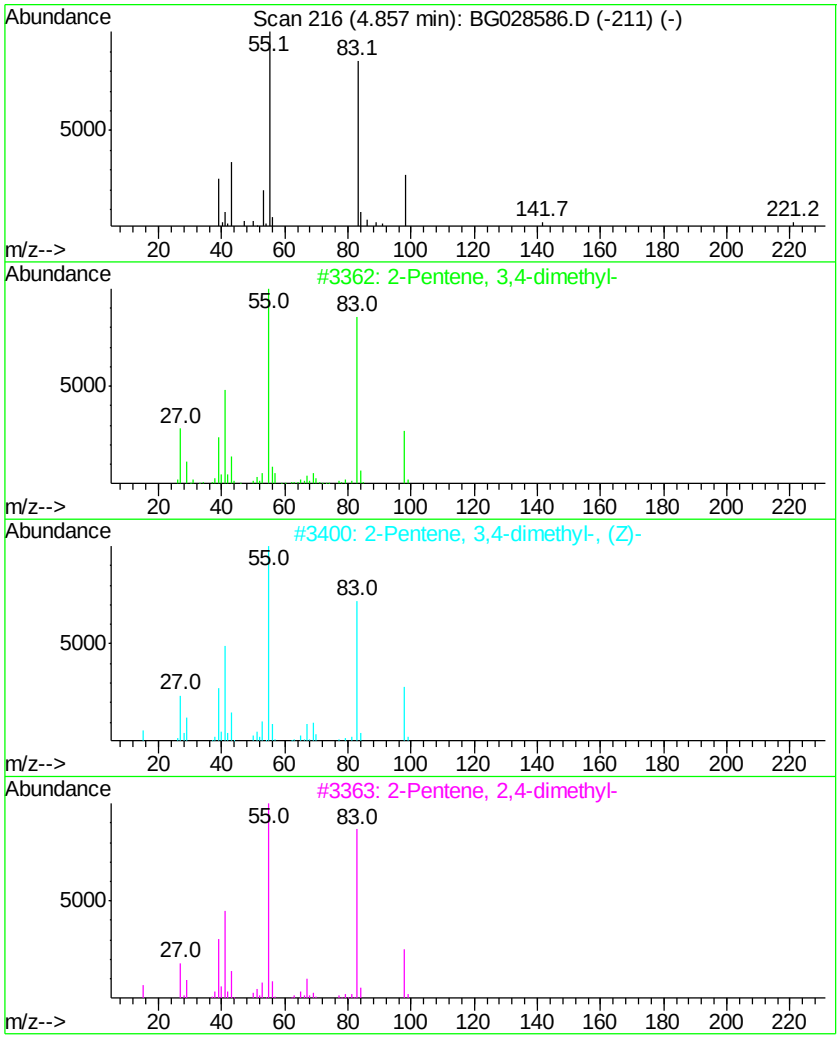
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

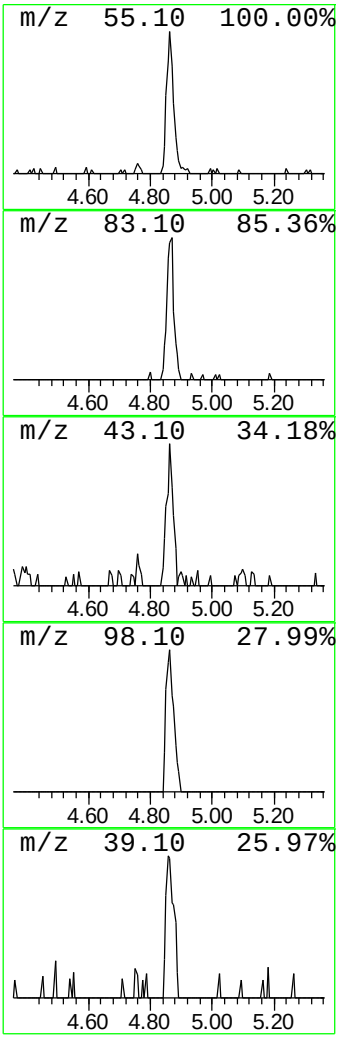
****

Peak Number 1 (DEL) Alkane: Cyclic4.86 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	2.49 ng/ul	33492	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	64
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	64
4	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	64
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	64





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028586.D
Acq On : 6 Sep 2017 17:26
Operator : SJ/JU
Sample : I5097-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDZT4

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

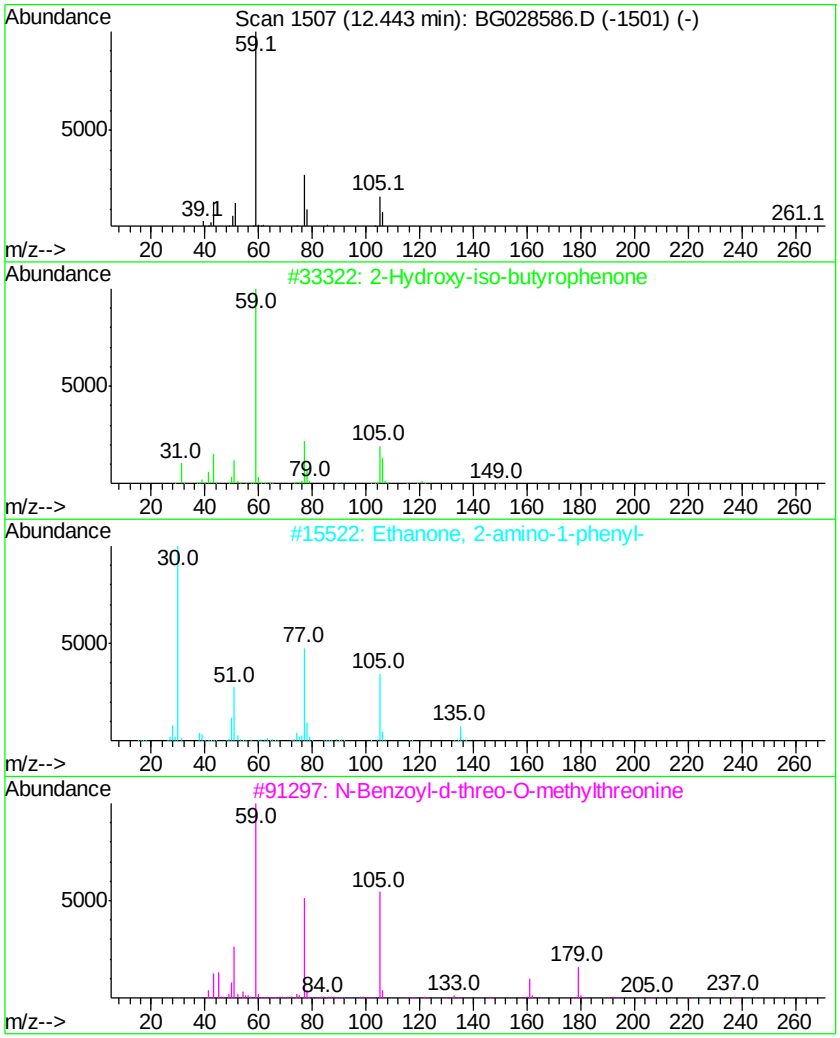
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

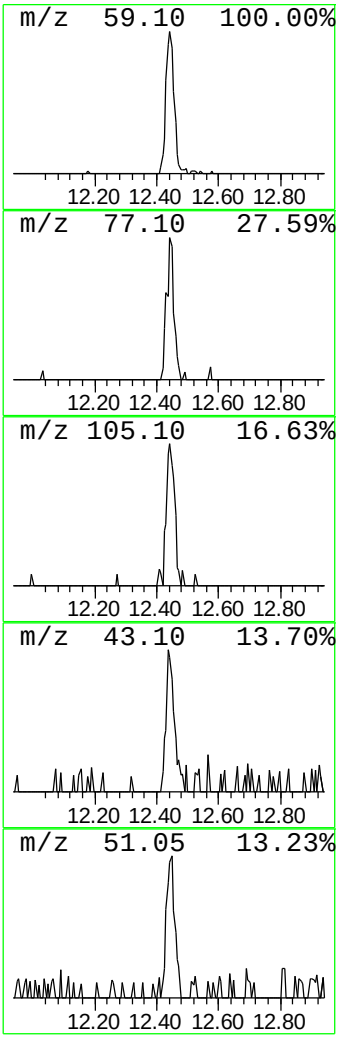
****

Peak Number 2 2-Hydroxy-iso-butyrophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.01 ng/ul	39314	Naphthalene-d8	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	64
2	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	9
3	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	9
4	Guanidine	59	CH5N3	000113-00-8	5
5	Benzene, (2-methoxyethoxy)-	152	C9H12O2	041532-81-4	4





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028586.D
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Sample : I5097-18
Misc :
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Instrument : BNA_G
ClientSampleId : BDZT4

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

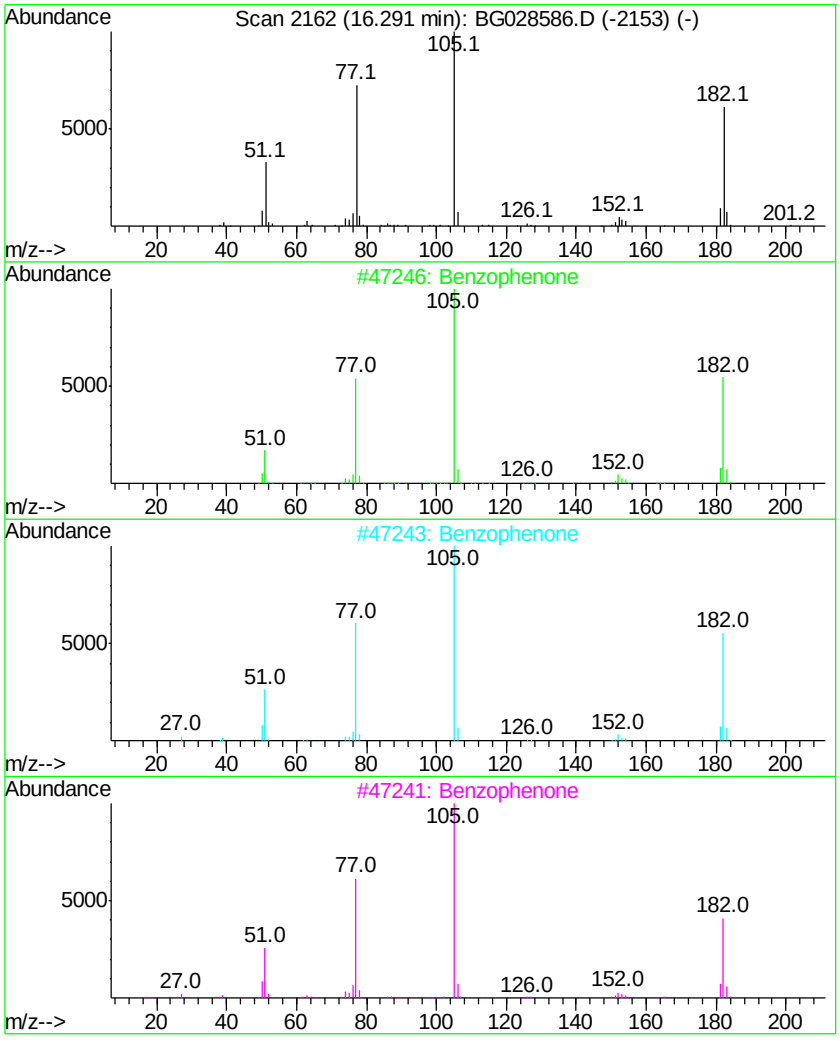
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

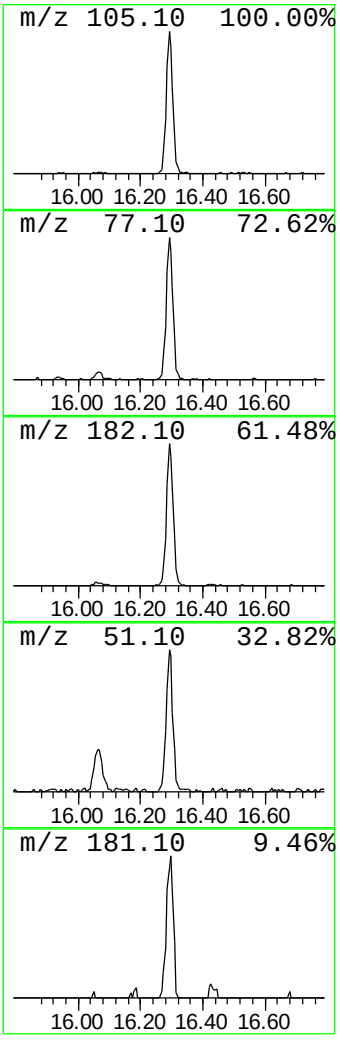
****

Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	7.58 ng/ul	214268	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028586.D
Acq On : 6 Sep 2017 17:26
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Sample : I5097-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDZT4

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

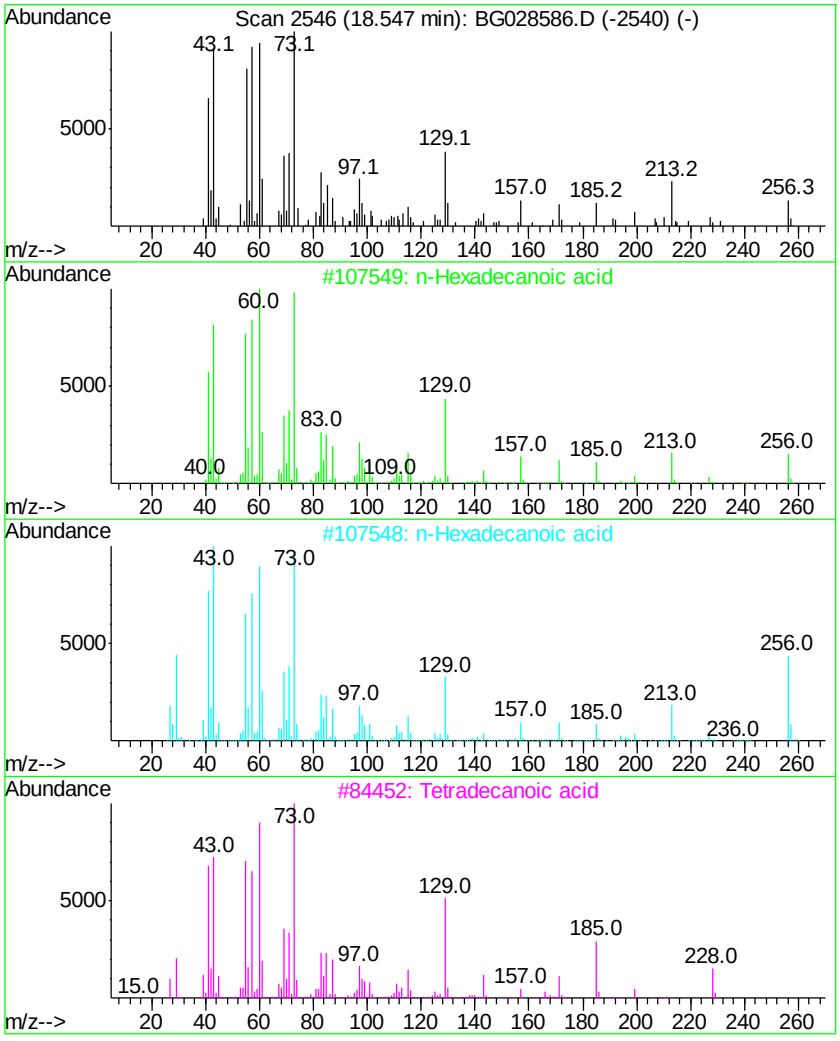
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

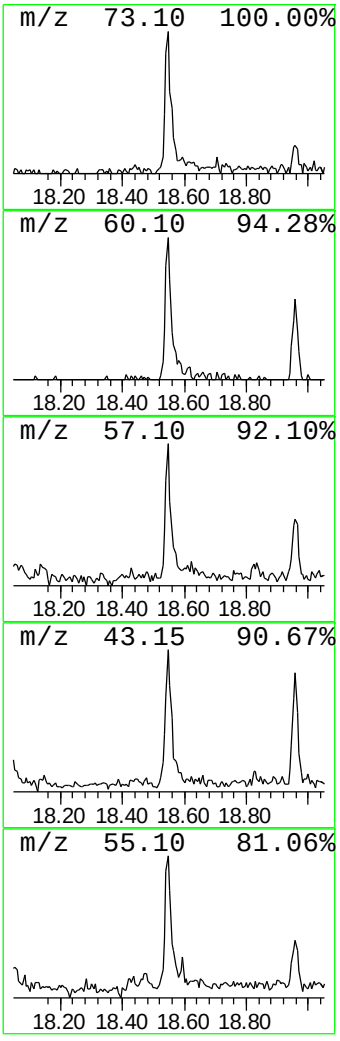
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	4.00 ng/ul	146096	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090617\
Data File : BG028586.D
Acq On : 6 Sep 2017 17:26
Operator : SJ/JU
Sample : I5097-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDZT4

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

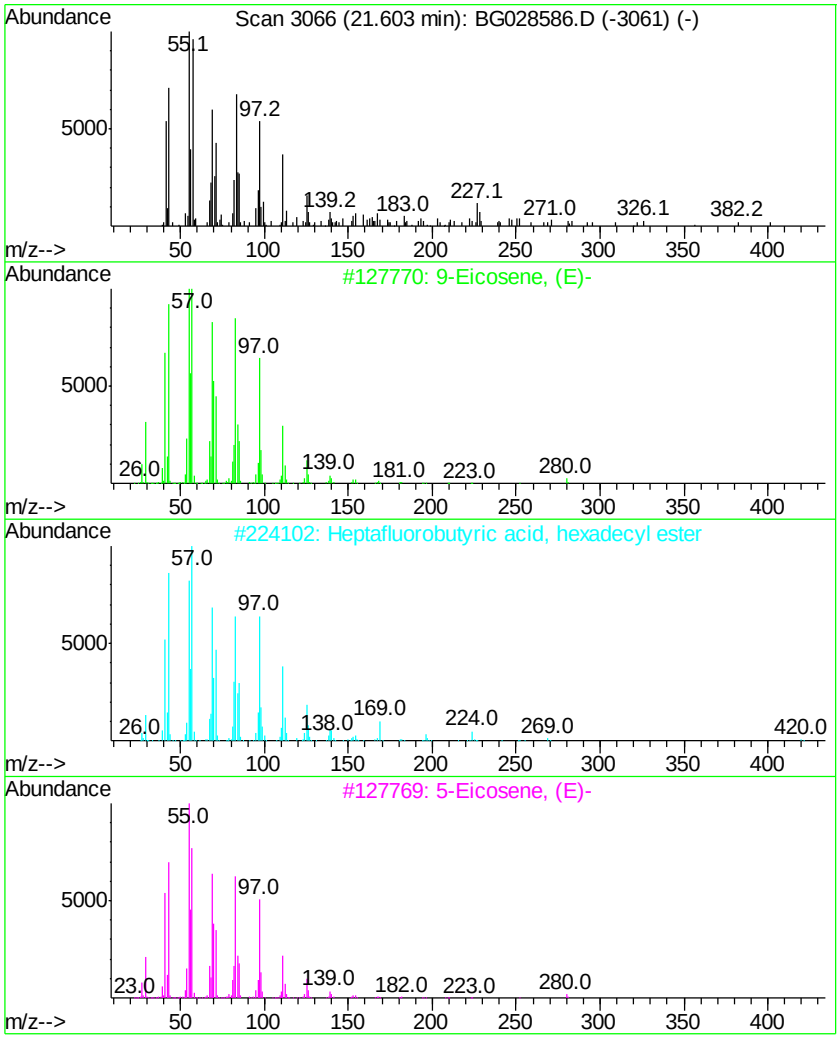
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

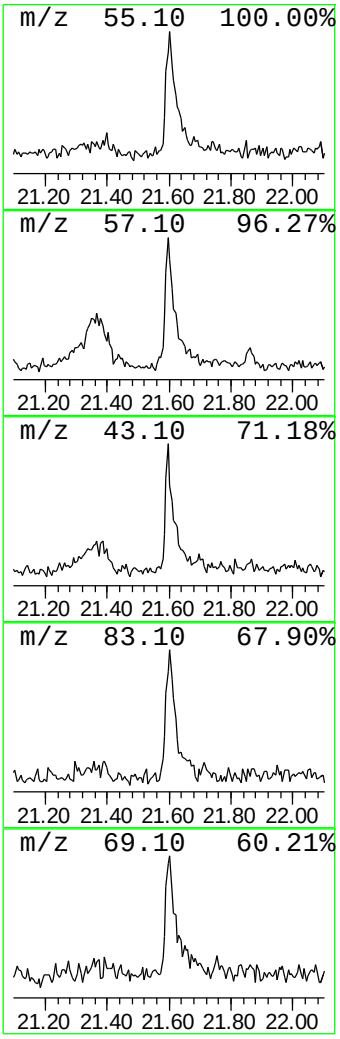
****

Peak Number 5 (DEL) Alkane: Cyclic21.60 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	3.67 ng/ul	183178	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	83
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83





Library Search Compound Report

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Acq On : 6 Sep 2017 17:26
Operator : SJ/JU
Sample : I5097-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDZT4

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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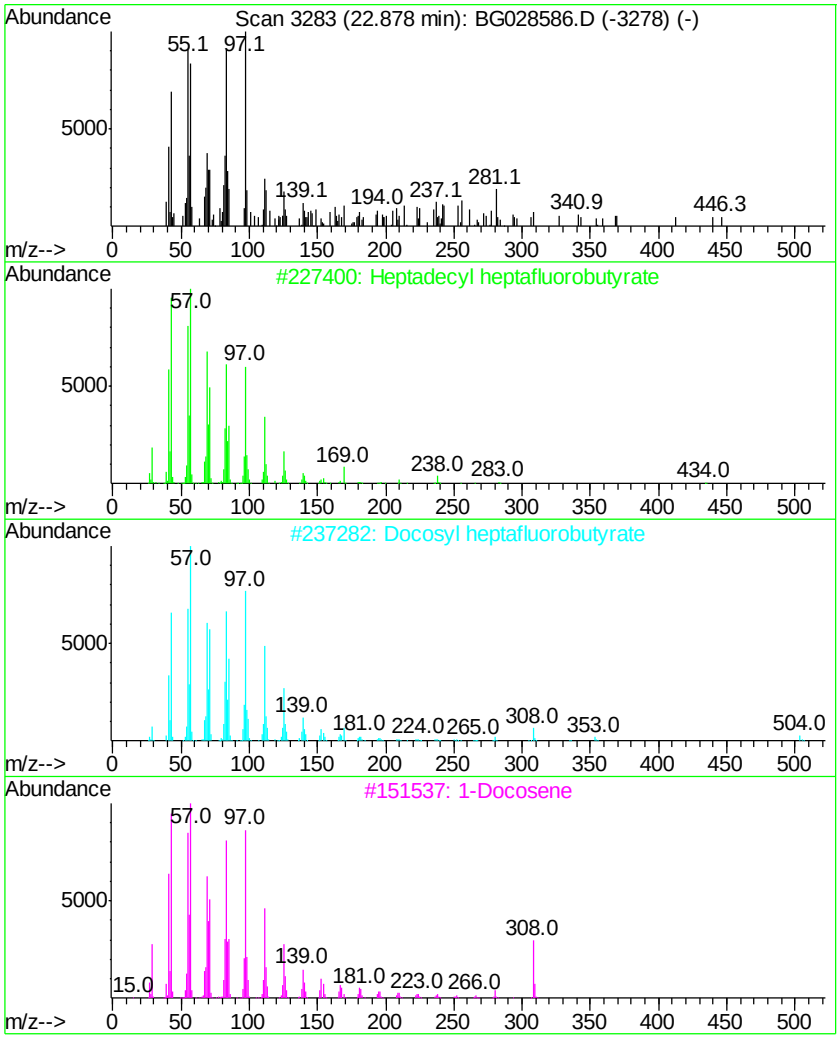
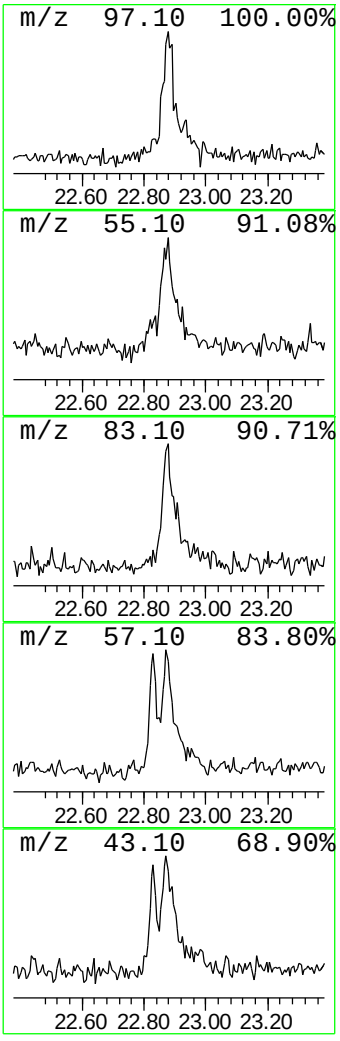
Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.88	3.05 ng/ul	152155	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	52
2	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	52
3	1-Docosene	308	C22H44	001599-67-3	52
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	52
5	Ethyl .alpha.-hydroxymyristate	272	C16H32O3	129086-73-3	46





Library Search Compound Report

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Data File : BG028586.D
Acq On : 6 Sep 2017 17:26
Operator : SJ/JU
Sample : I5097-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDZT4

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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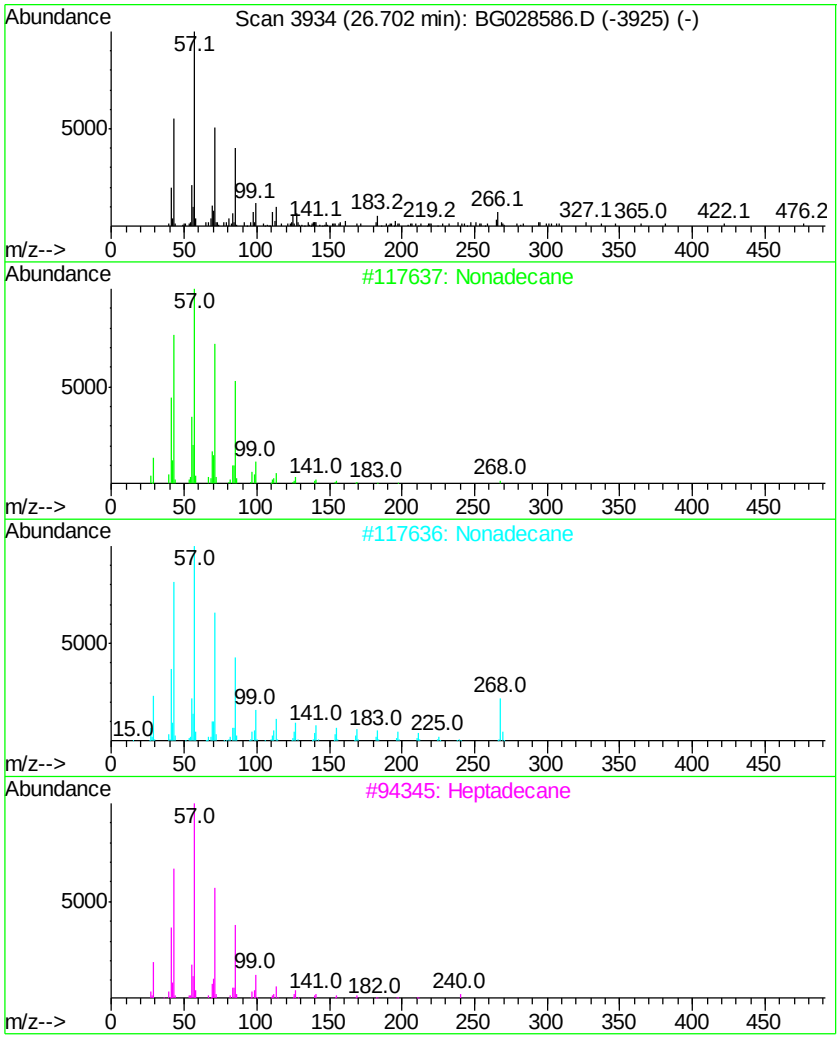
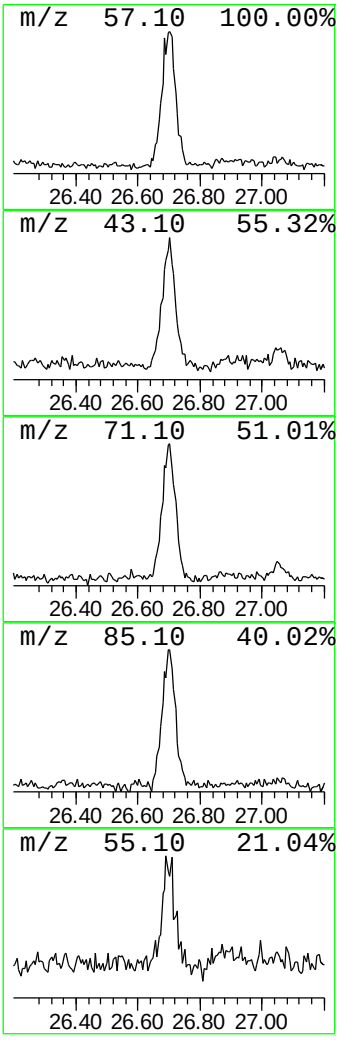
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	5.70 ng/ul	235544	Perylene-d12	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Nonadecane	268	C19H40	000629-92-5	80
3	Heptadecane	240	C17H36	000629-78-7	72
4	5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	72
5	Eicosane, 10-hexyl-10-methyl-	380	C27H56	055282-32-1	72





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Data File : BG028586.D
Acq On : 6 Sep 2017 17:26
Operator : SJ/JU
Sample : I5097-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDZT4

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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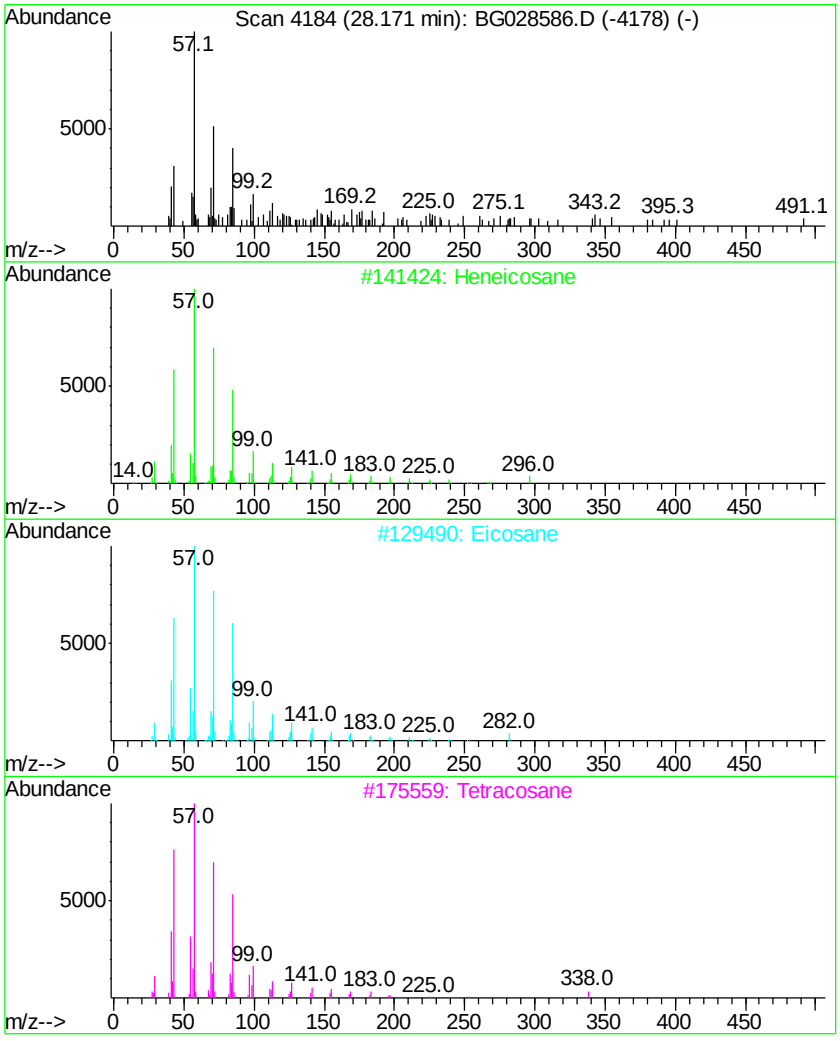
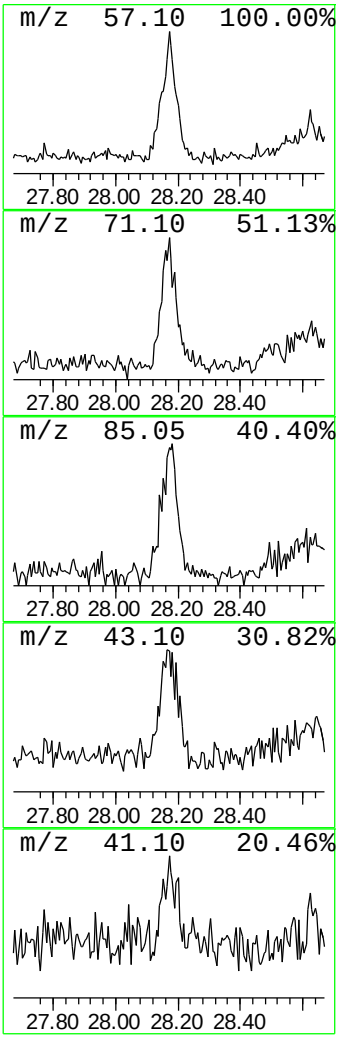
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.17	2.36 ng/ul	97617	Perylene-d12	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	70
2	Eicosane	282	C20H42	000112-95-8	70
3	Tetracosane	338	C24H50	000646-31-1	58
4	Tridecane	184	C13H28	000629-50-5	58
5	Tricosane	324	C23H48	000638-67-5	58





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG090617\
Data File : BG028586.D
Acq On : 6 Sep 2017 17:26
Operator : SJ/JU
Sample : I5097-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDZT4

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
(DEL) Alkane: Cyc...	4.86	2.5	ng/ul	33492	1	8.34	268655	20.0
2-Hydroxy-iso-but...	12.44	2.0	ng/ul	39314	2	11.16	392139	20.0
Benzophenone	16.29	7.6	ng/ul	214268	3	14.95	565518	20.0
n-Hexadecanoic acid	18.55	4.0	ng/ul	146096	4	17.70	731056	20.0
(DEL) Alkane: Cyc...	21.60	3.7	ng/ul	183178	5	22.03	997932	20.0
Heptadecyl heptaf...	22.88	3.0	ng/ul	152155	5	22.03	997932	20.0
(DEL) Alkane: Str...	26.70	5.7	ng/ul	235544	6	25.55	826213	20.0
(DEL) Alkane: Str...	28.17	2.4	ng/ul	97617	6	25.55	826213	20.0