LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028303.D
Acq On : 11 Aug 2017 23:34
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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	3.837	35	42	53	rVB9	4939	13617	1.51%	0.092%
2	5.464	314	319	328	rVB7	5848	12050	1.34%	0.081%
3	7.509	660	667	677	rBV2	82725	173066	19.25%	1.170%
4	7.674	687	695	704	rBV	53114	94906	10.56%	0.642%
5	7.891	726	732	740	rBV	74332	139813	15.55%	0.946%
6	8.361	805	812	823	rVB	161977	291323	32.40%	1.970%
7	8.996	910	920	923	rBV5	6773	16751	1.86%	0.113%
8	9.054	923	930	938	rVV2	101619	196833	21.89%	1.331%
9	9.189	946	953	961	rBV7	4244	8940	0.99%	0.060%
10	9.524	1003	1010	1021	rVB	81543	157221	17.49%	1.063%
11	9.830	1054	1062	1069	rVB8	3680	9736	1.08%	0.066%
12	9.900	1069	1074	1081	rBV4	6829	12300	1.37%	0.083%
13	10.247	1126	1133	1143	rBV3	73913	137662	15.31%	0.931%
14	10.600	1180	1193	1195	rBV8	6721	20699	2.30%	0.140%
15	10.793	1220	1226	1236	rBV2	110139	210351	23.40%	1.423%
16	11.111	1271	1280	1283	rBV7	5551	10758	1.20%	0.073%
17	11.175	1283	1291	1306	rVB	255618	488884	54.37%	3.306%
18	11.316	1306	1315	1318	rBV8	10180	19221	2.14%	0.130%
19	11.404	1325	1330	1340	rBV7	5927	15508	1.72%	0.105%
20	11.545	1345	1354	1356	rBV6	8067	18147	2.02%	0.123%
21	11.581	1356	1360	1367	rVB3	15738	28601	3.18%	0.193%
22	11.640	1367	1370	1377	rBV5	4432	8354	0.93%	0.056%
23	11.757	1385	1390	1397	rVB6	4385	8100	0.90%	0.055%
24	11.986	1422	1429	1435	rVB6	8230	17625	1.96%	0.119%
25	12.533	1517	1522	1528	rVB4	15650	27116	3.02%	0.183%
26	12.621	1533	1537	1544	rBV7	7391	16162	1.80%	0.109%
27	12.685	1544	1548	1551	rBV5	5987	7987	0.89%	0.054%
28	12.809	1563	1569	1573	rBV2	19649	38290	4.26%	0.259%
29	12.850	1573	1576	1580	rVB3	14824	19098	2.12%	0.129%
30	12.932	1587	1590	1594	rBV6	6001	10287	1.14%	0.070%
31	13.020	1601	1605	1613	rVB	17803	30636	3.41%	0.207%
32	13.114	1615	1621	1624	rBV4	13275	21653	2.41%	0.146%
33	13.149	1625	1627	1632	rVV4	7755	12009	1.34%	0.081%
34	13.226	1632	1640	1648	rVB4	9637	28764	3.20%	0.195%

LSC Area Percent Report

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Acq On : 11 Aug 2017 23:34
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Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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	13.320	1650	1656	1660	rBV8	8687	12967	1.44%	0.088%
36	13.384	1660	1667	1671	rBV9	7419	17764	1.98%	0.120%
37	13.461	1674	1680	1683	rVV9	6410	12017	1.34%	0.081%
38	13.514	1683	1689	1691	rVB4	7637	10972	1.22%	0.074%
39	13.672	1711	1716	1724	rVV4	12455	27430	3.05%	0.186%
40	13.755	1724	1730	1735	rVV4	21681	35672	3.97%	0.241%
41	13.996	1768	1771	1779	rBV9	11069	28137	3.13%	0.190%
42	14.137	1785	1795	1807	rVB9	19734	79706	8.86%	0.539%
43	14.231	1807	1811	1813	rBV5	6209	9866	1.10%	0.067%
44	14.289	1815	1821	1825	rBV5	30704	65448	7.28%	0.443%
45	14.348	1825	1831	1836	rVV	214585	356899	39.69%	2.414%
46	14.401	1836	1840	1845	rVB	75515	115853	12.89%	0.783%
47	14.518	1854	1860	1868	rBV	11202	28286	3.15%	0.191%
48	14.659	1877	1884	1895	rVB	221426	373087	41.49%	2.523%
49	14.748	1896	1899	1901	rBV4	9066	9487	1.06%	0.064%
50	14.818	1906	1911	1915	rBV	28071	38641	4.30%	0.261%
51	14.865	1916	1919	1925	rVB8	9686	15091	1.68%	0.102%
52	14.965	1925	1936	1944	rBV2	419636	732350	81.45%	4.953%
53	15.088	1952	1957	1964	rVB	30377	49416	5.50%	0.334%
54	15.165	1964	1970	1979	rBV2	47102	108985	12.12%	0.737%
55	15.353	1998	2002	2010	rVB7	27670	55240	6.14%	0.374%
56	15.429	2010	2015	2024	rBV9	20665	39584	4.40%	0.268%
57	15.576	2035	2040	2044	rVV7	14037	25371	2.82%	0.172%
58	15.623	2044	2048	2057	rVB10	18002	41756	4.64%	0.282%
59	15.723	2058	2065	2068	rBV6	28512	54888	6.10%	0.371%
60	15.764	2069	2072	2081	rVB3	32643	51451	5.72%	0.348%
61	15.882	2087	2092	2096	rBV	48269	75084	8.35%	0.508%
62	15.952	2098	2104	2110	rBV2	280309	441832	49.14%	2.988%
63	16.064	2118	2123	2132	rBV2	94742	159818	17.77%	1.081%
64	16.205	2144	2147	2152	rBV7	12383	23029	2.56%	0.156%
65	16.381	2174	2177	2182	rBV5	14770	23809	2.65%	0.161%
66	16.451	2185	2189	2196	rVB6	22648	45451	5.06%	0.307%
67	16.540	2202	2204	2206	rBV3	10701	11554	1.29%	0.078%
68	16.622	2214	2218	2223	rBV3	59768	82648	9.19%	0.559%
69	16.851	2254	2257	2261	rVB6	22192	27259	3.03%	0.184%
70	16.986	2275	2280	2289	rBV7	39774	101783	11.32%	0.688%
71	17.063	2289	2293	2298	rBV3	27523	43530	4.84%	0.294%

LSC Area Percent Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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

72	17.421	2350	2354	2362	rVB3	70801	125724	13.98%	0.850%
73	17.550	2371	2376	2384	rBV	41631	75157	8.36%	0.508%
74	17.715	2397	2404	2409	rBV	477077	765971	85.19%	5.180%
75	17.809	2415	2420	2429	rVB2	290663	496235	55.19%	3.356%
76	17.891	2430	2434	2440	rVB7	31806	61633	6.85%	0.417%
77	18.126	2470	2474	2476	rBV5	31892	49509	5.51%	0.335%
78	18.161	2476	2480	2491	rVB	85351	157732	17.54%	1.067%
79	18.338	2508	2510	2515	rBV6	20338	25765	2.87%	0.174%
80	18.561	2544	2548	2555	rBV7	74149	155053	17.25%	1.049%
81	18.714	2570	2574	2578	rBV7	29125	45948	5.11%	0.311%
82	18.808	2588	2590	2593	rVB3	34880	36551	4.07%	0.247%
83	18.843	2593	2596	2602	rVB	92208	99930	11.11%	0.676%
84	19.466	2699	2702	2710	rVB2	180303	240996	26.80%	1.630%
85	19.818	2759	2762	2774	rVB2	57854	121306	13.49%	0.820%
86	20.012	2791	2795	2797	rBV	277976	343308	38.18%	2.322%
87	20.036	2797	2799	2802	rVB	231128	218932	24.35%	1.481%
88	20.088	2803	2808	2817	rVB	348266	556544	61.90%	3.764%
89	20.564	2886	2889	2896	rVB	155366	174697	19.43%	1.181%
90	21.052	2968	2972	2986	rVB2	254908	632085	70.30%	4.275%
91	21.616	3064	3068	3077	rVB2	157623	289154	32.16%	1.955%
92	21.781	3092	3096	3109	rVB	192566	331898	36.91%	2.245%
93	22.045	3135	3141	3151	rVB	499163	899118	100.00%	6.081%
94	22.174	3159	3163	3171	rVB3	152740	272124	30.27%	1.840%
95	22.251	3172	3176	3183	rVB2	128005	205065	22.81%	1.387%
96	23.073	3312	3316	3327	rVB3	132757	277631	30.88%	1.878%
97	25.312	3691	3697	3707	rVB2	151903	425267	47.30%	2.876%
98	25.558	3732	3739	3753	rVB2	261197	801358	89.13%	5.419%
99	26.211	3844	3850	3862	rVB4	148631	413818	46.02%	2.799%
100	26.875	3955	3963	3975	rVB7	235300	733656	81.60%	4.962%

Sum of corrected areas: 14786794

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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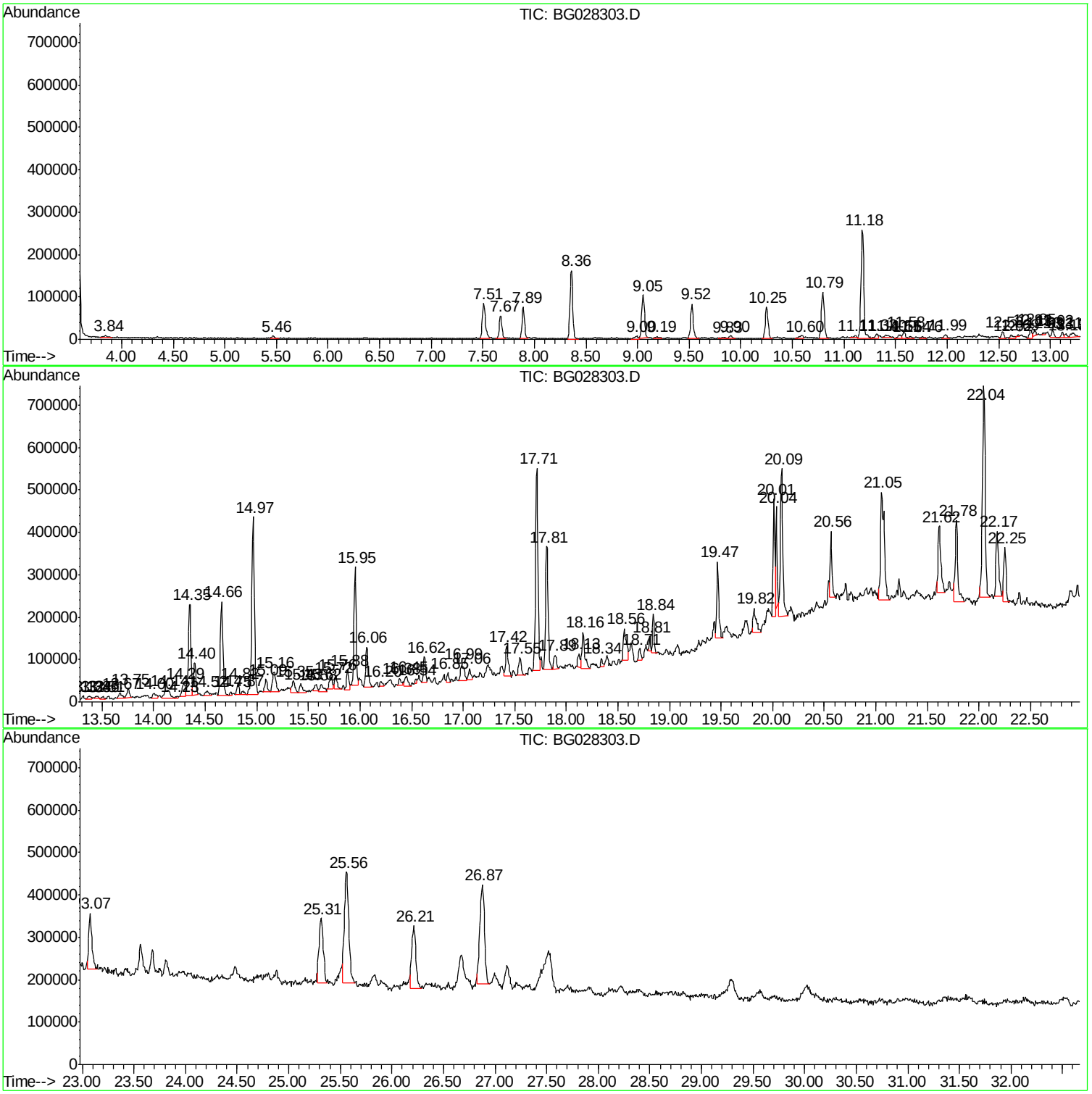
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA7

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

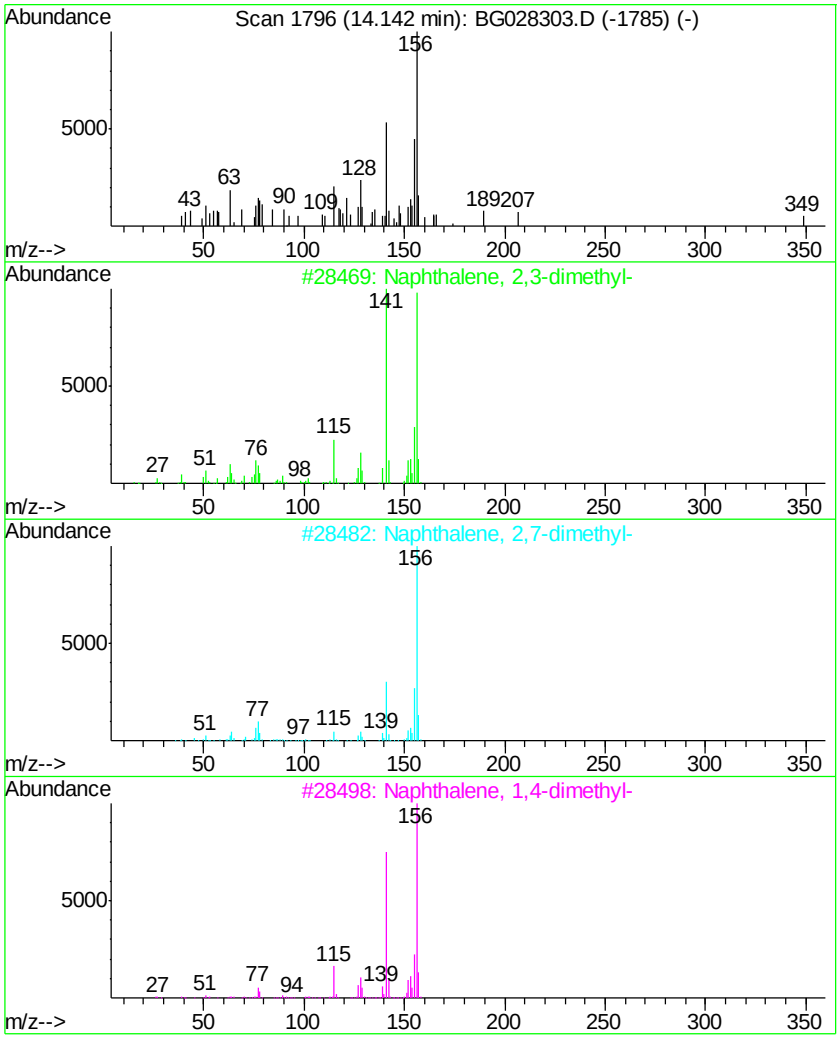
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

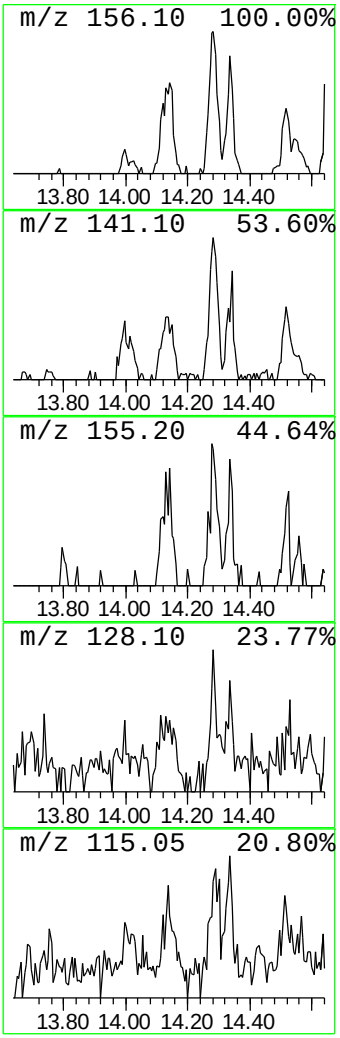
****

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.18 ng/ul	79706	Acenaphthene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	68
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	64
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028303.D
Acq On : 11 Aug 2017 23:34
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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

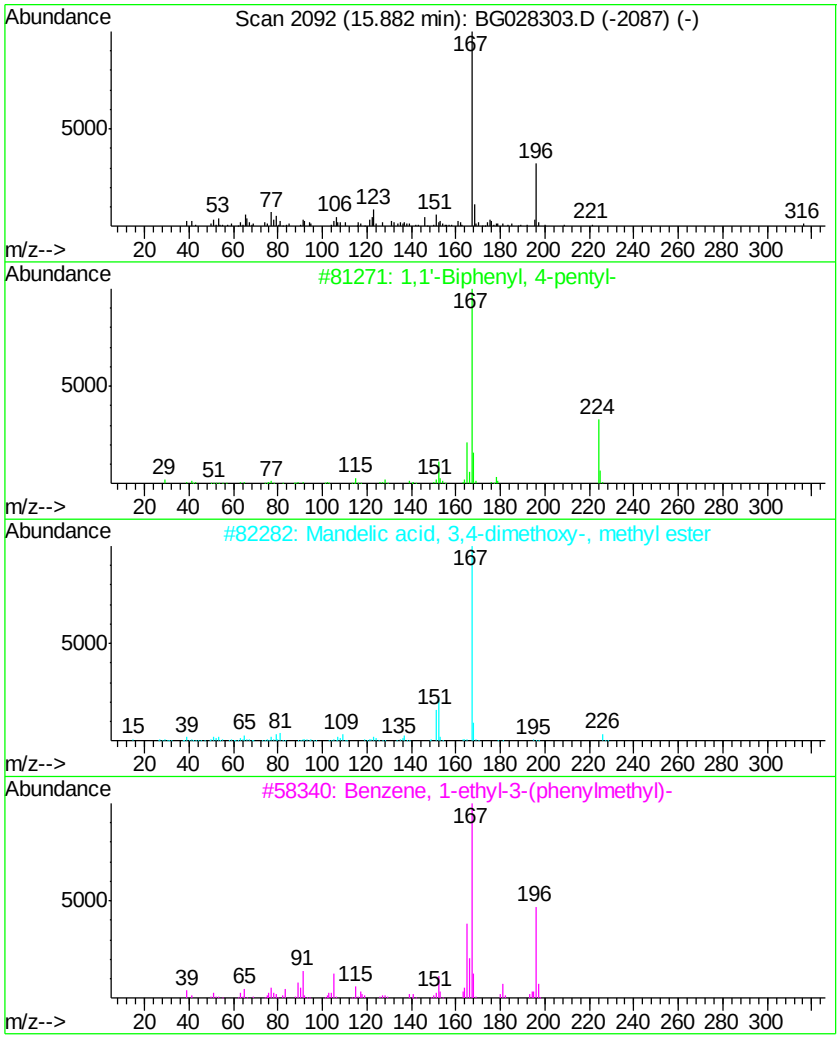
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

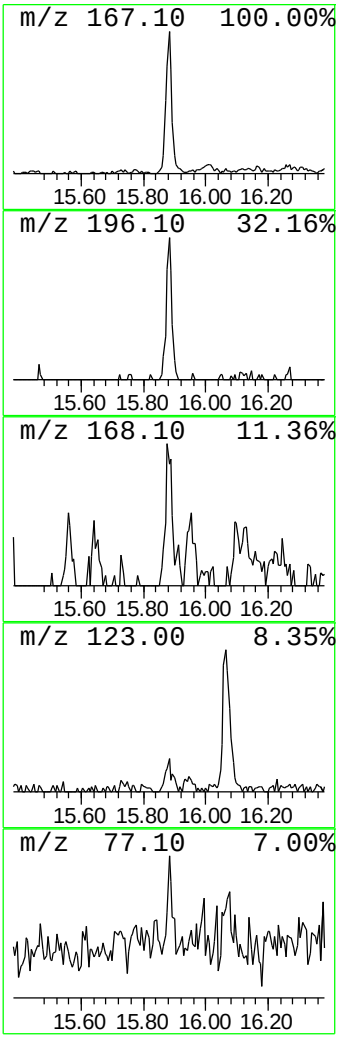
****

Peak Number 2 1,1'-Biphenyl, 4-pentyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	2.05 ng/ul	75084	Acenaphthene-d10	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-pentyl-	224	C17H20	007116-96-3	50
2	Mandelic acid, 3,4-dimethoxy-, m...	226	C11H14O5	002911-73-1	50
3	Benzene, 1-ethyl-3-(phenylmethyl)-	196	C15H16	028122-24-9	45
4	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	42
5	2,4,6(1H,3H,5H)-Pyrimidinetrione...	302	C11H15BrN2O3	001142-70-7	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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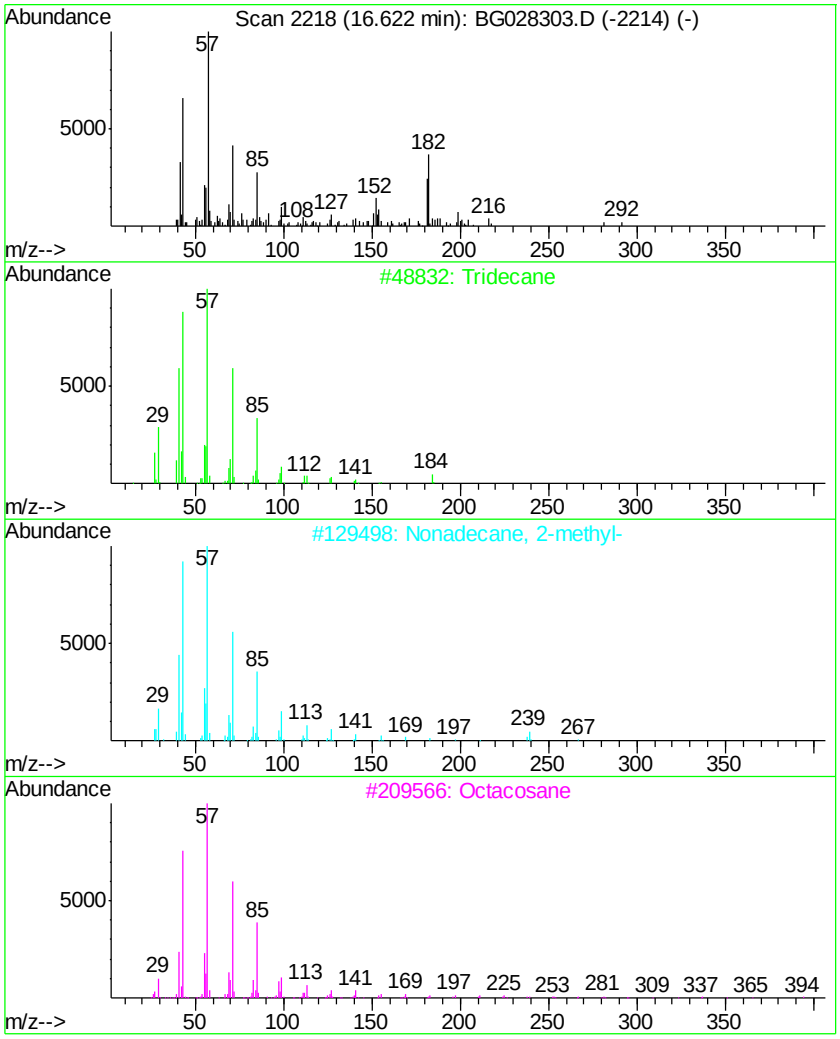
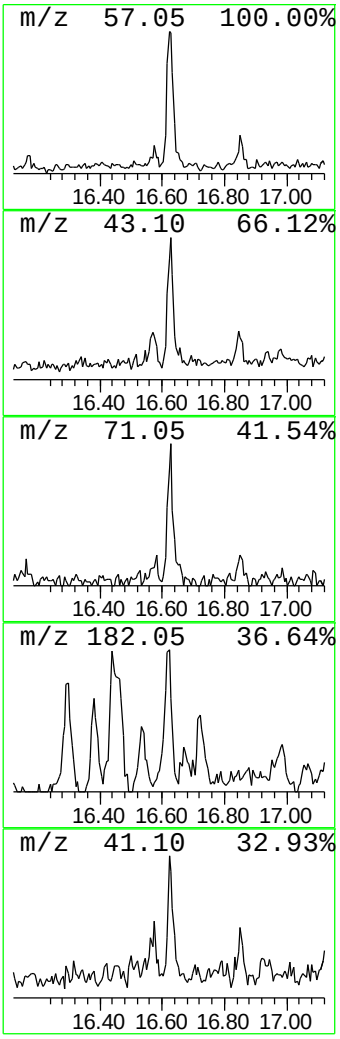
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	2.16 ng/ul	82648	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	47
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	46
3	Octacosane	394	C28H58	000630-02-4	46
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	46
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	46





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Data File : BG028303.D
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Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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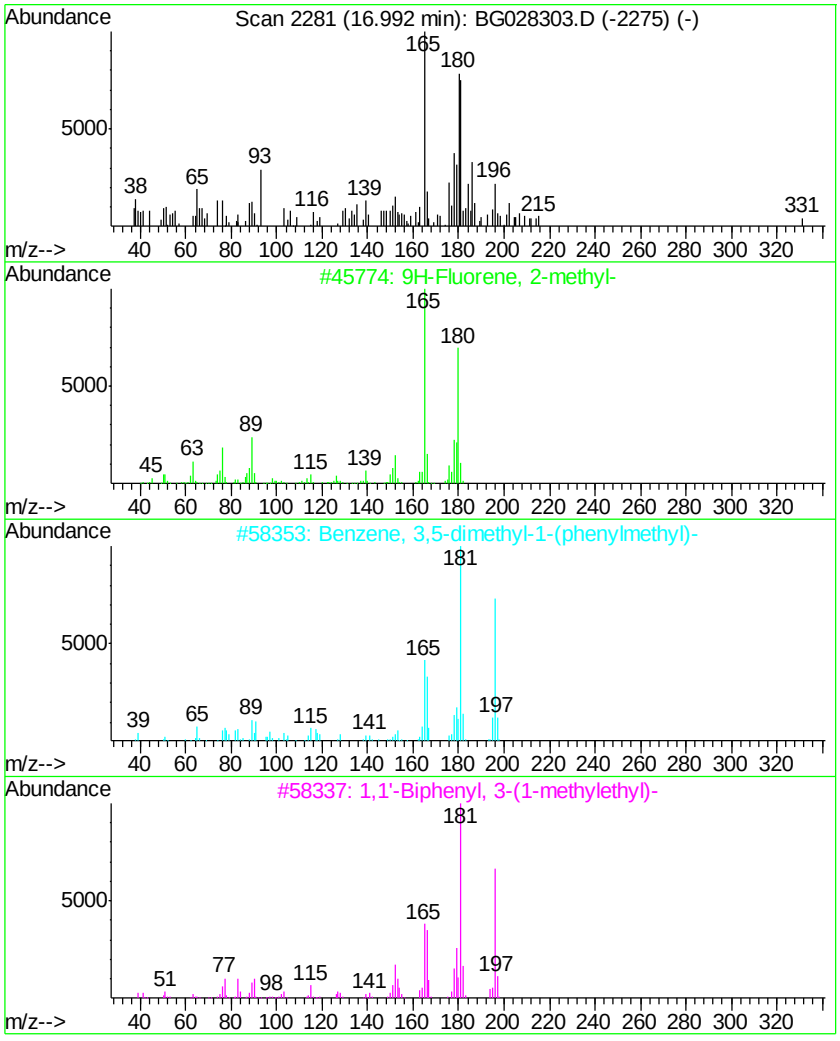
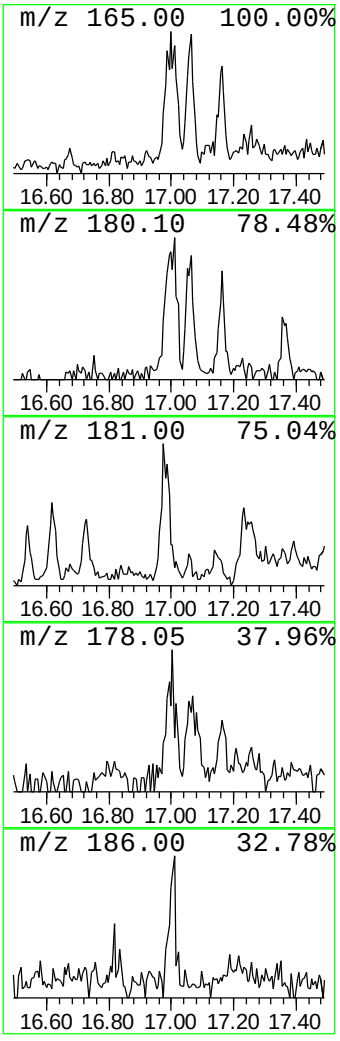
Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	2.66 ng/ul	101783	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
2	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	49
3	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	46
4	9-Amino-6-[methylthio]-9H-purine	181	C6H7N5S	020914-61-8	46
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028303.D
Acq On : 11 Aug 2017 23:34
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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

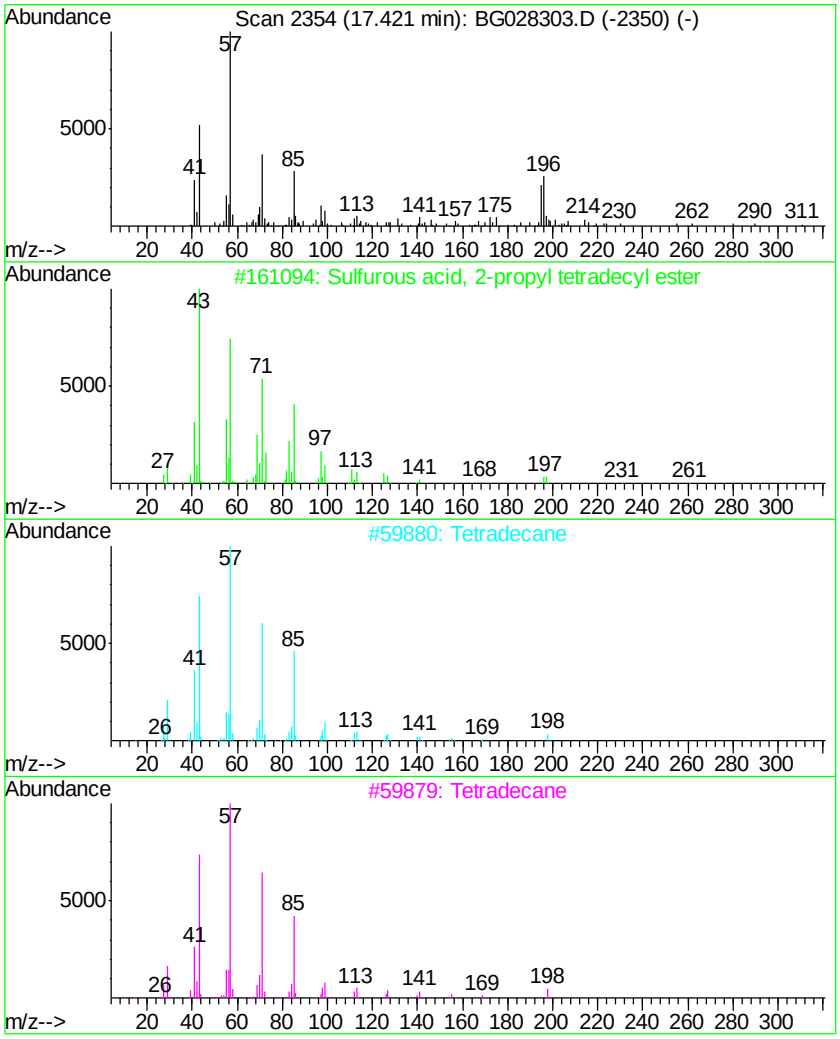
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

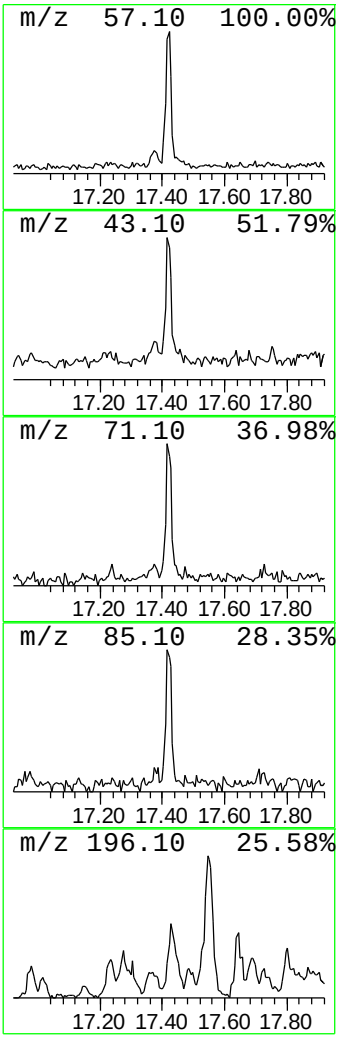
****

Peak Number 5 unknown01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	3.28 ng/ul	125724	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	43
2	Tetradecane	198	C14H30	000629-59-4	42
3	Tetradecane	198	C14H30	000629-59-4	38
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35





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Acq On : 11 Aug 2017 23:34
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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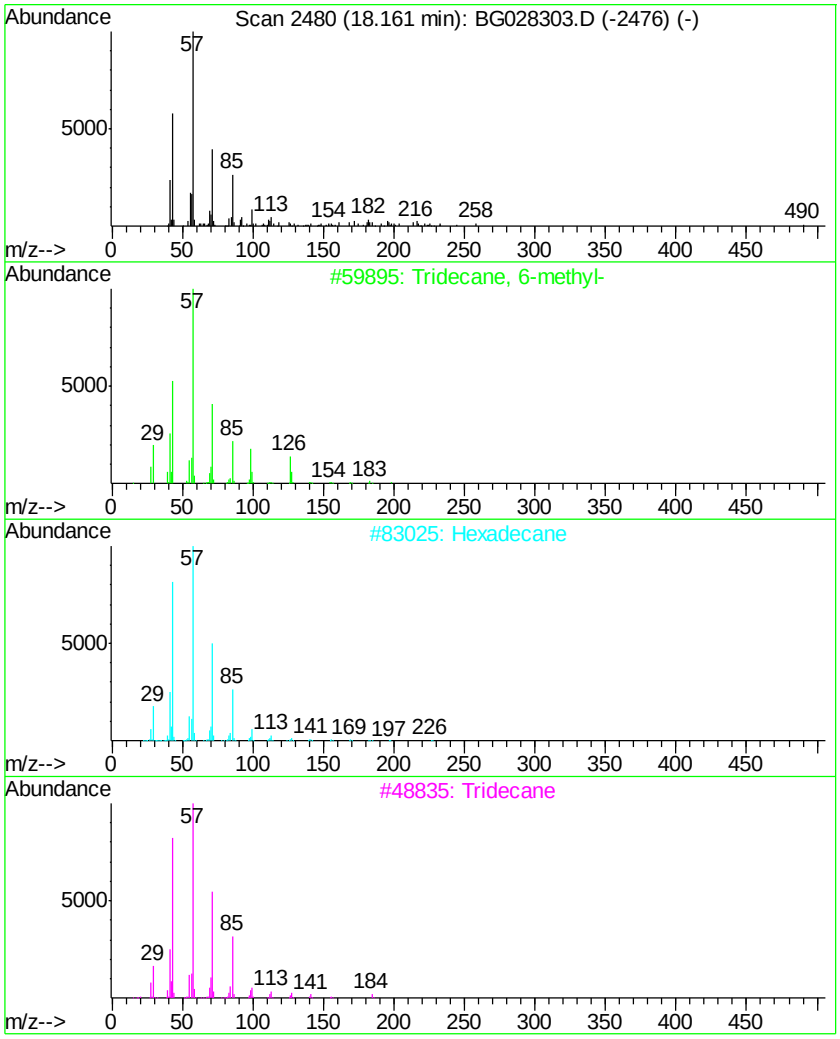
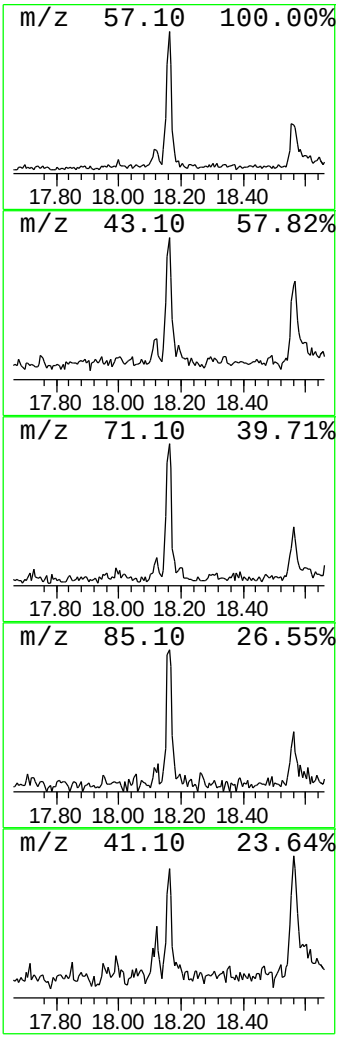
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	4.12 ng/ul	157732	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
2	Hexadecane	226	C16H34	000544-76-3	81
3	Tridecane	184	C13H28	000629-50-5	81
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
5	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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Quant Title : SVOA CALIBRATION

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

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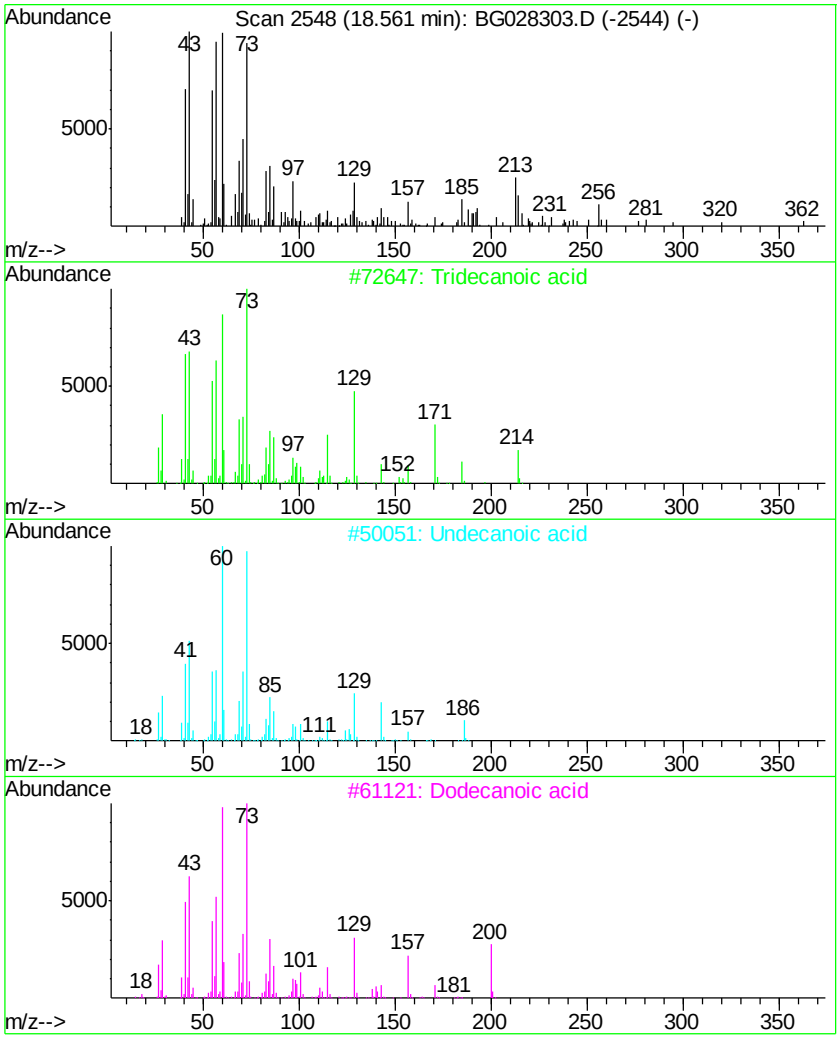
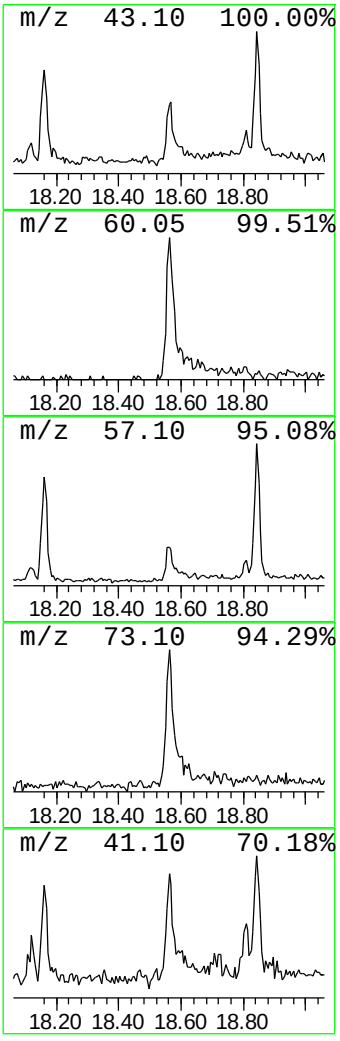
Peak Number 7 Tridecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	4.05 ng/ul	155053	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	68
2	Undecanoic acid	186	C11H22O2	000112-37-8	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





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Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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Quant Title : SVOA CALIBRATION

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

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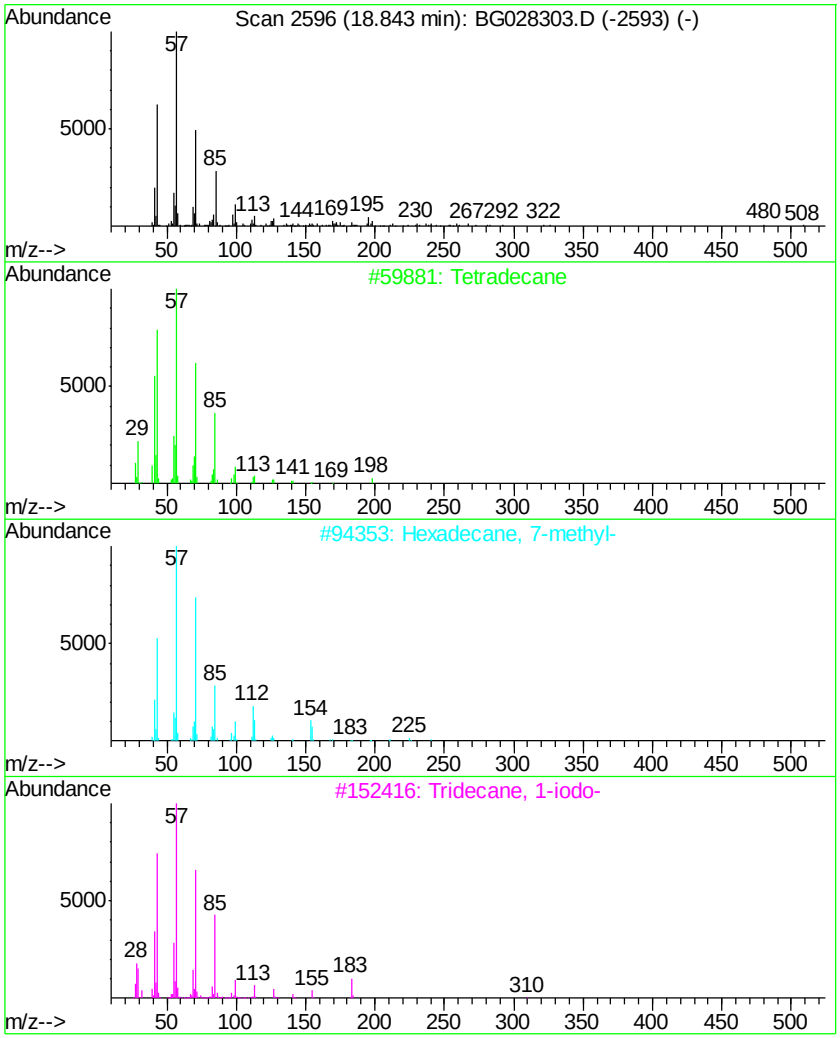
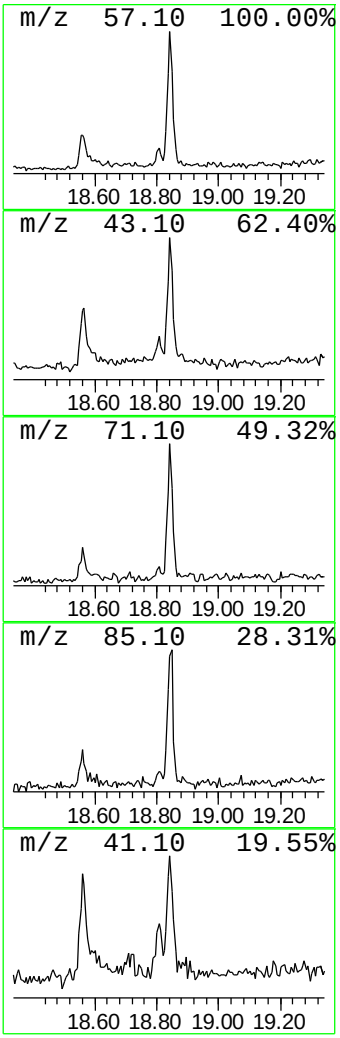
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.61 ng/ul	99930	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	64





Library Search Compound Report

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Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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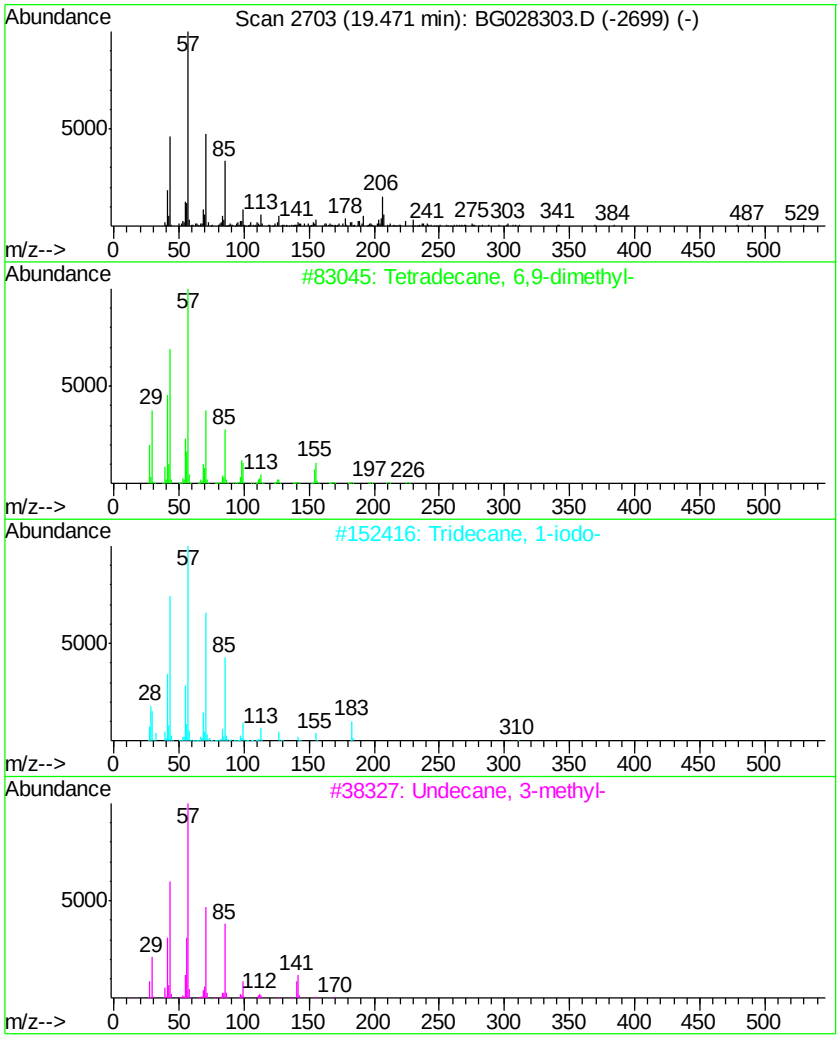
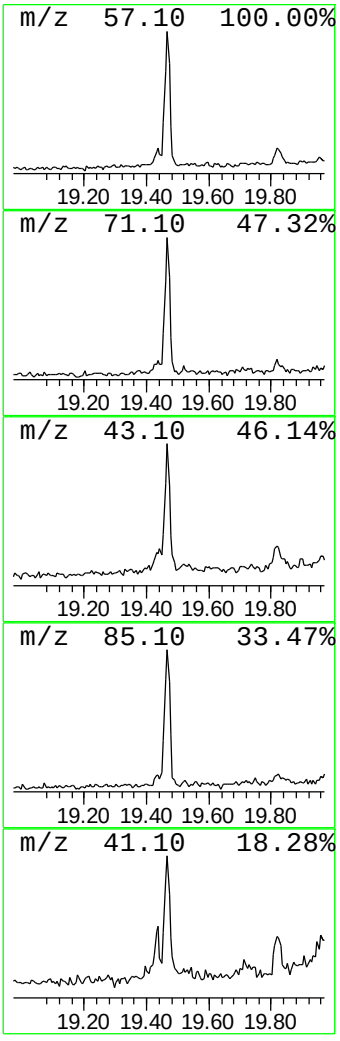
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	6.29 ng/ul	240996	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	83
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72





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Acq On : 11 Aug 2017 23:34
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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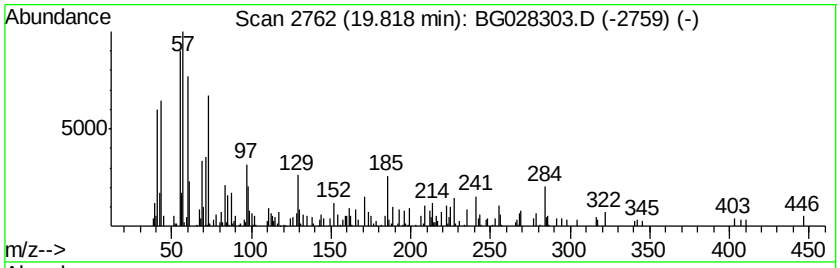
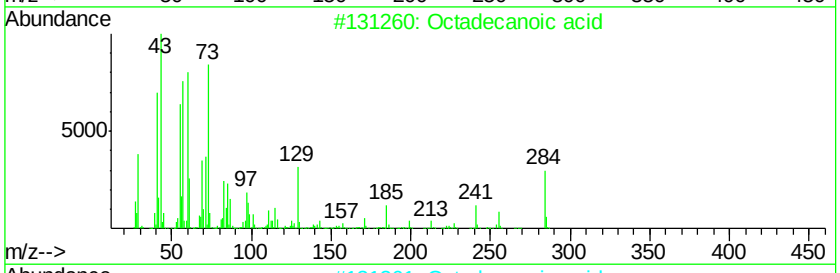
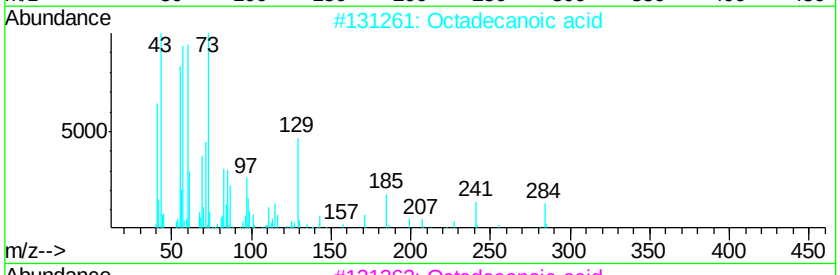
Peak Number 10 Octadecanoic acid Concentration Rank 15

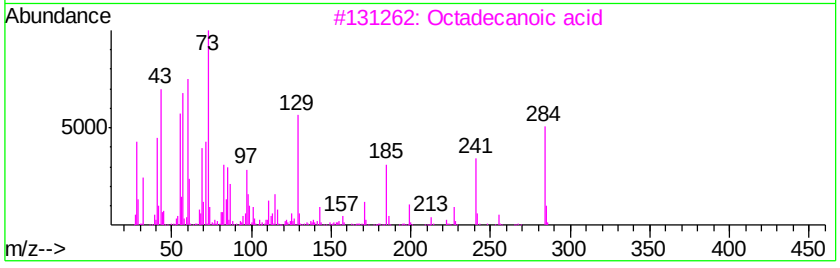
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	3.17 ng/ul	121306	Phenanthrene-d10	17.71

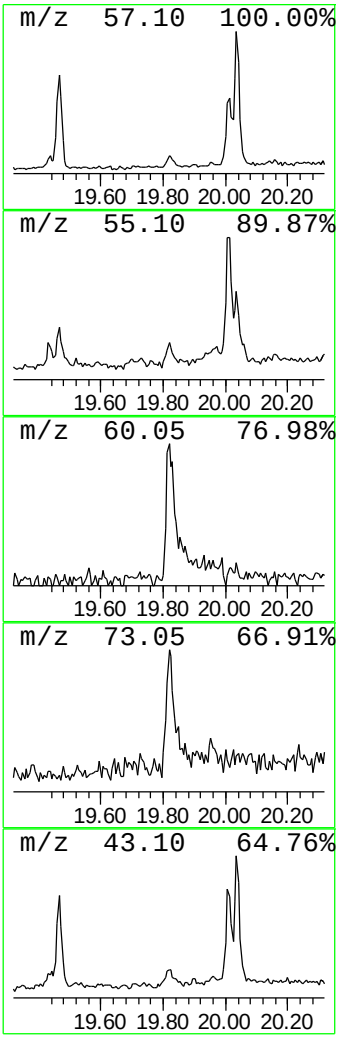
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	78
3	Octadecanoic acid	284	C18H36O2	000057-11-4	70
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60











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Acq On : 11 Aug 2017 23:34
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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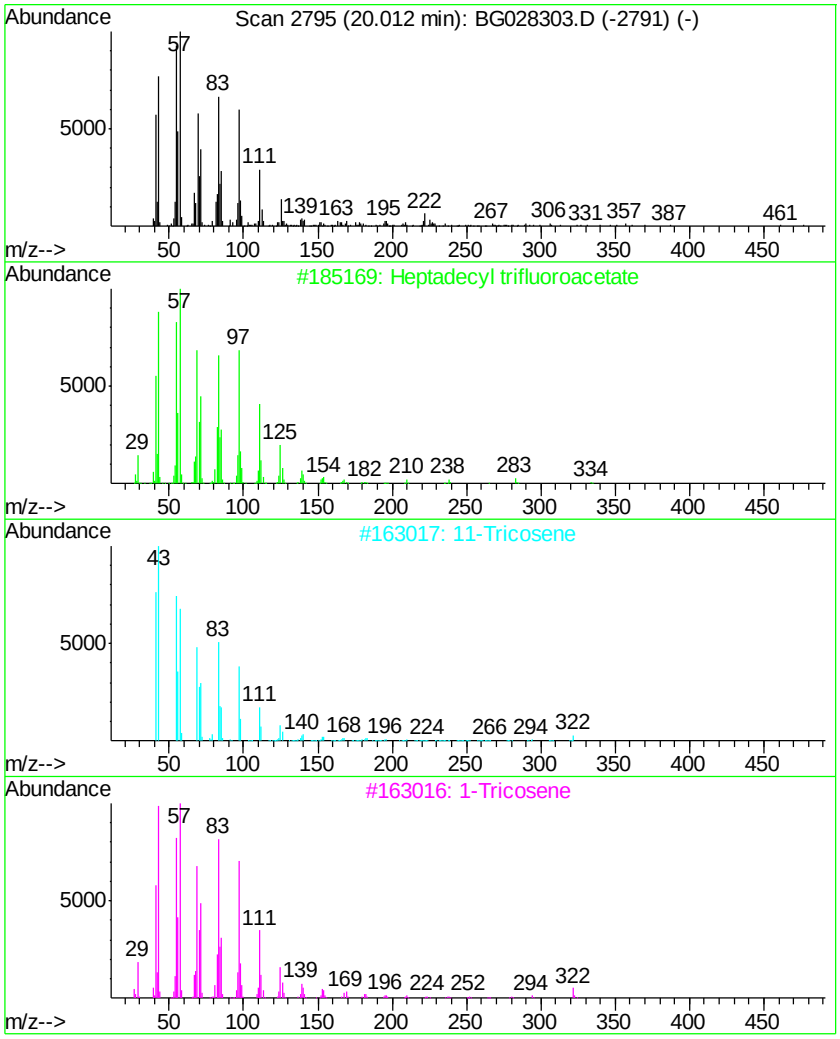
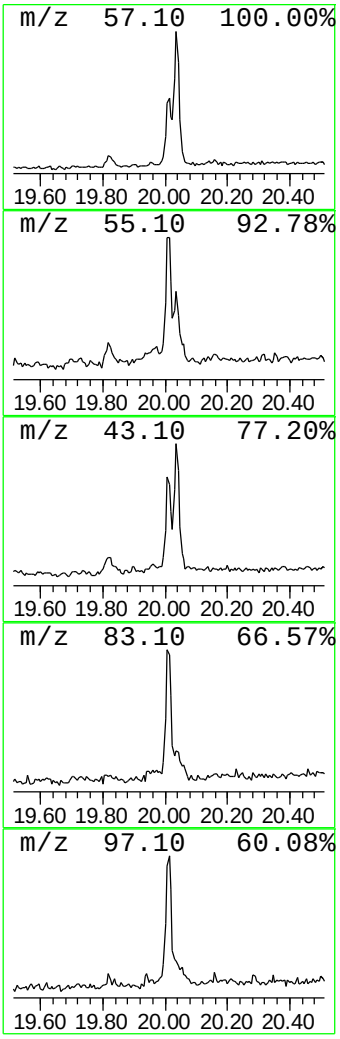
Peak Number 11 Heptadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	7.64 ng/ul	343308	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
2	11-Tricosene	322	C23H46	052078-56-5	91
3	1-Tricosene	322	C23H46	018835-32-0	90
4	Cyclooctacosane	392	C28H56	000297-24-5	90
5	Octacosanol	410	C28H58O	000557-61-9	90





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Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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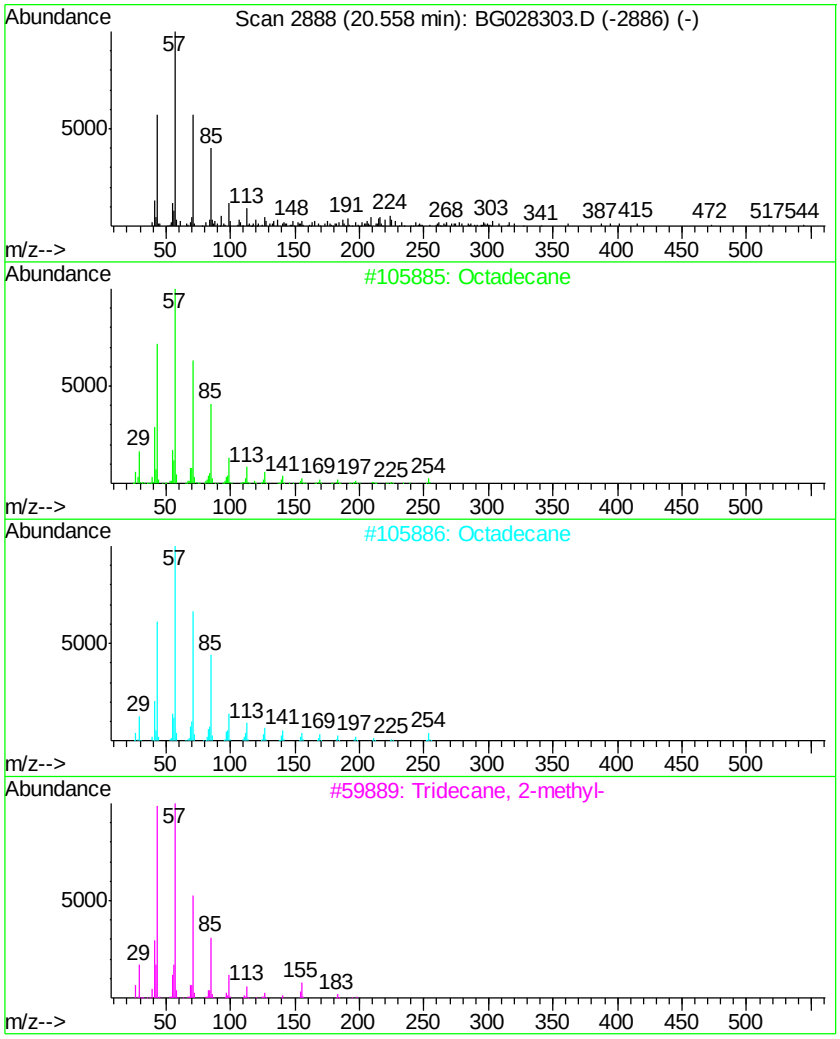
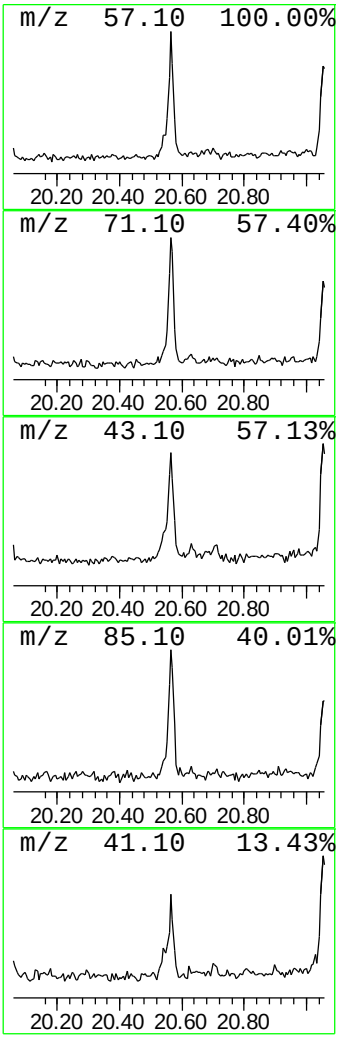
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	3.89 ng/ul	174697	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Octadecane	254	C18H38	000593-45-3	80
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64





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Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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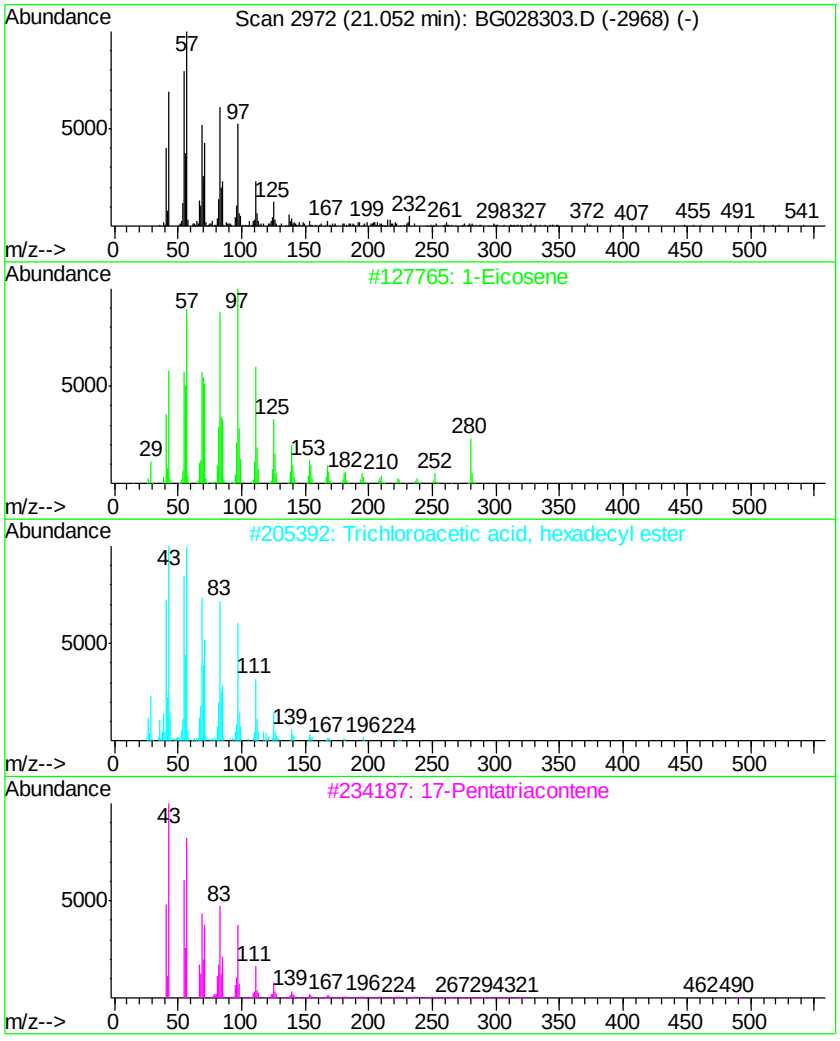
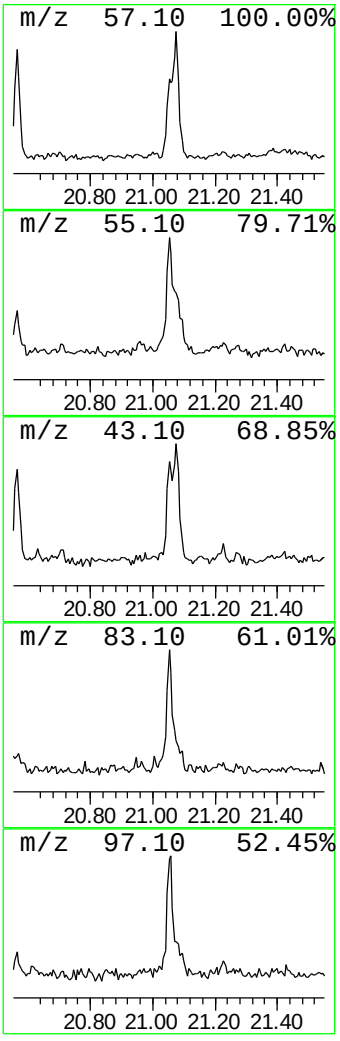
Peak Number 13 (DEL) Alkane: Cyclic21.05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	14.06 ng/ul	632085	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Octacosanol	410	C28H58O	000557-61-9	90





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Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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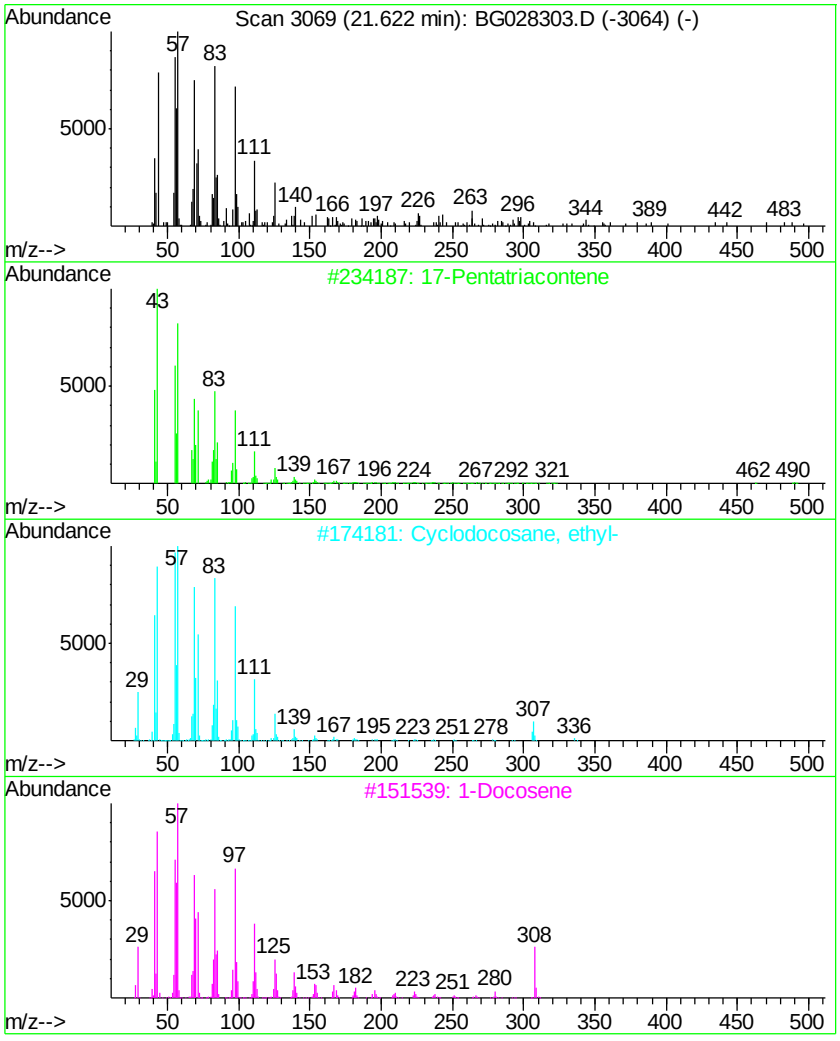
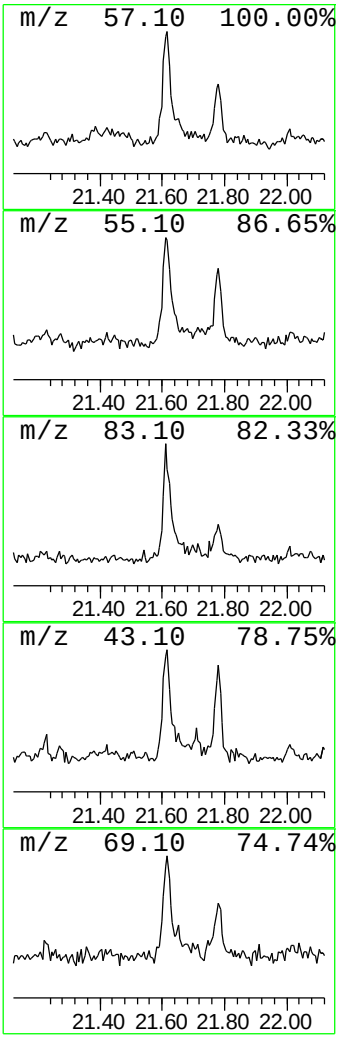
Peak Number 14 (DEL) Alkane: Cyclic21.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	6.43 ng/ul	289154	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	87
3	1-Docosene	308	C22H44	001599-67-3	78
4	1-Hexacosanol	382	C26H54O	000506-52-5	72
5	Cycloeicosane	280	C20H40	000296-56-0	62





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ClientSampleId : C0AA7

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Quant Title : SVOA CALIBRATION

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

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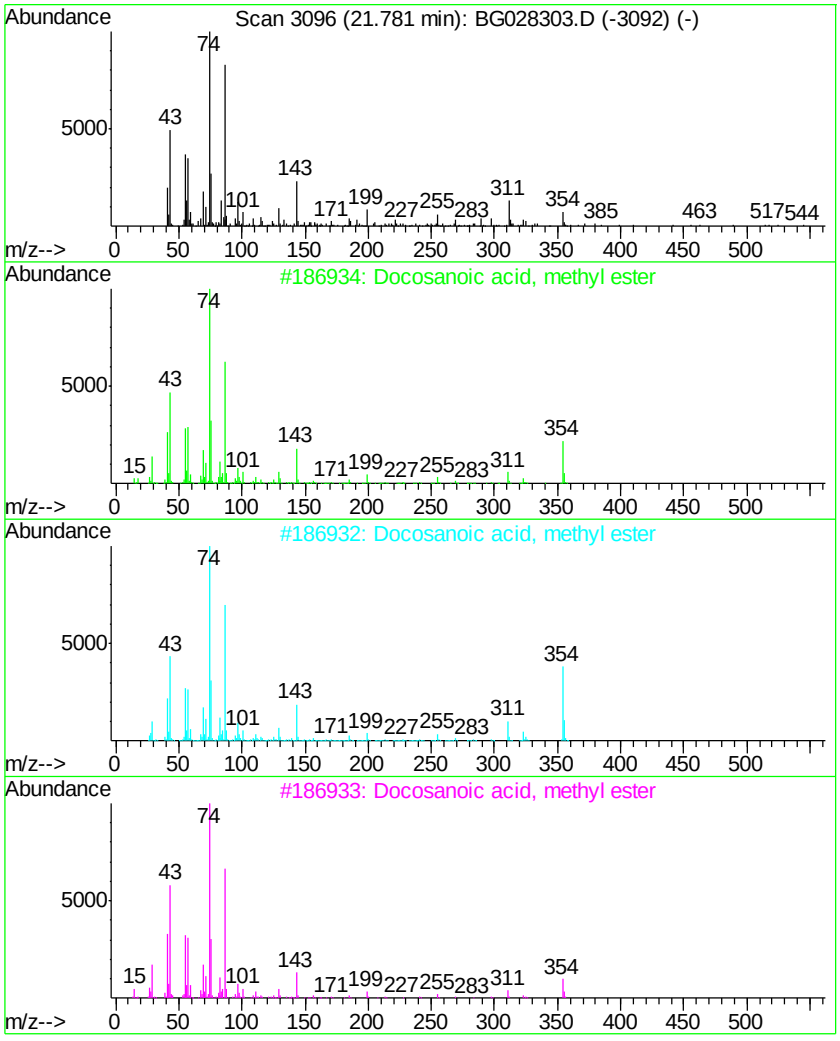
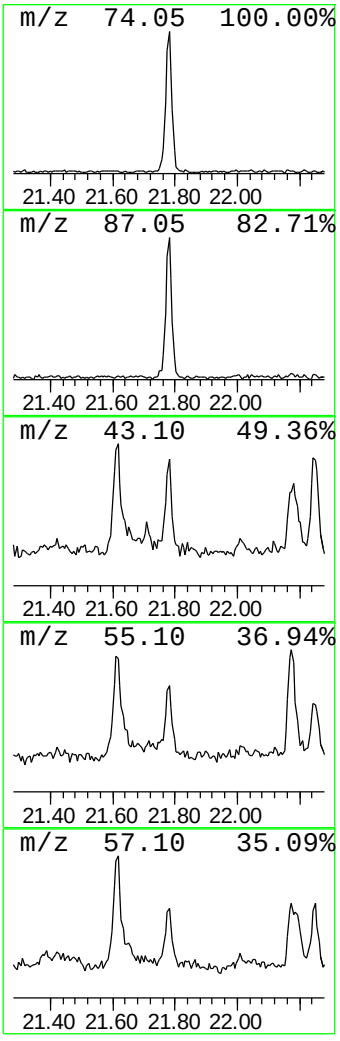
Peak Number 15 Docosanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	7.38 ng/ul	331898	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
3	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
4	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	93
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87





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Instrument : BNA_G
ClientSampleId : C0AA7

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Quant Title : SVOA CALIBRATION

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

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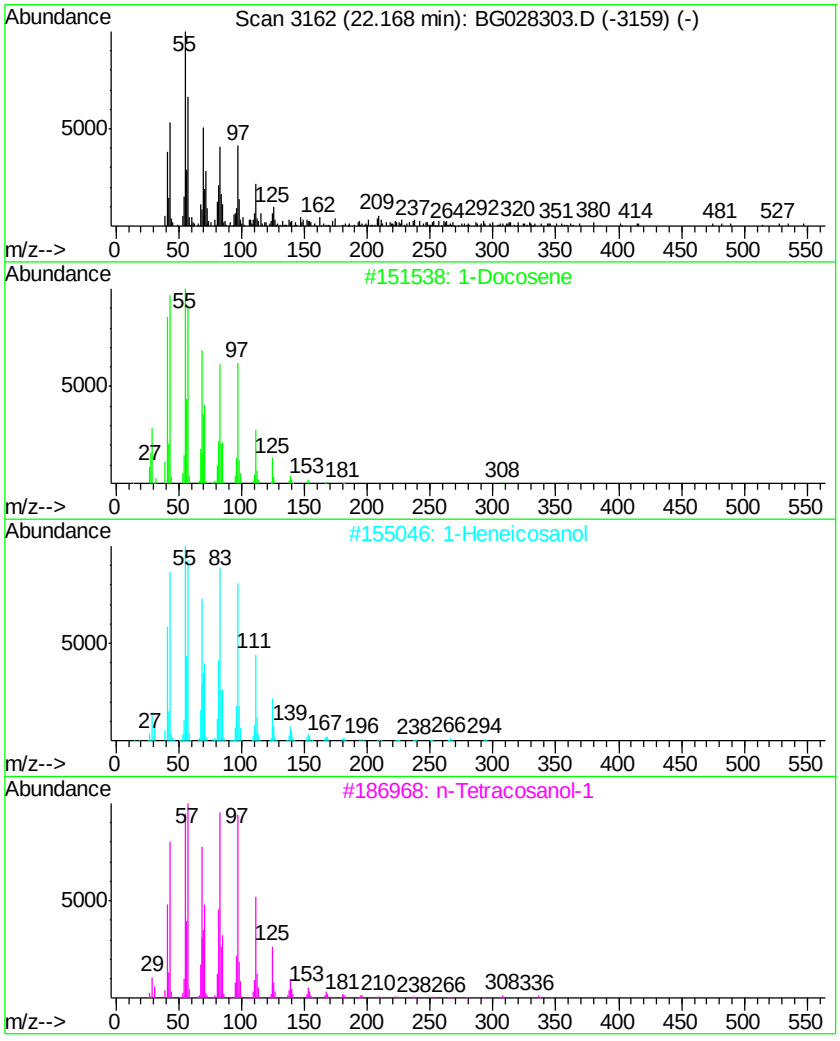
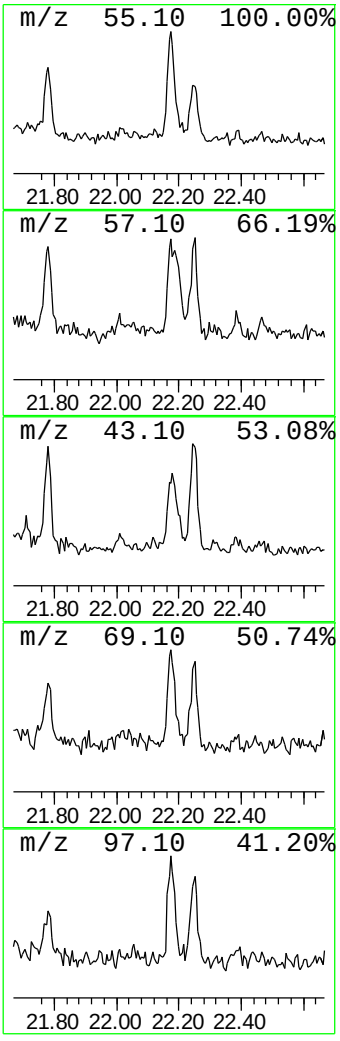
Peak Number 16 (DEL) Alkane: Cyclic22.17 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	6.05 ng/ul	272124	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	87
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	83
5	Fumaric acid, 2-chloropropyl dod...	360	C19H33ClO4	1000348-57-0	83





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Data File : BG028303.D
Acq On : 11 Aug 2017 23:34
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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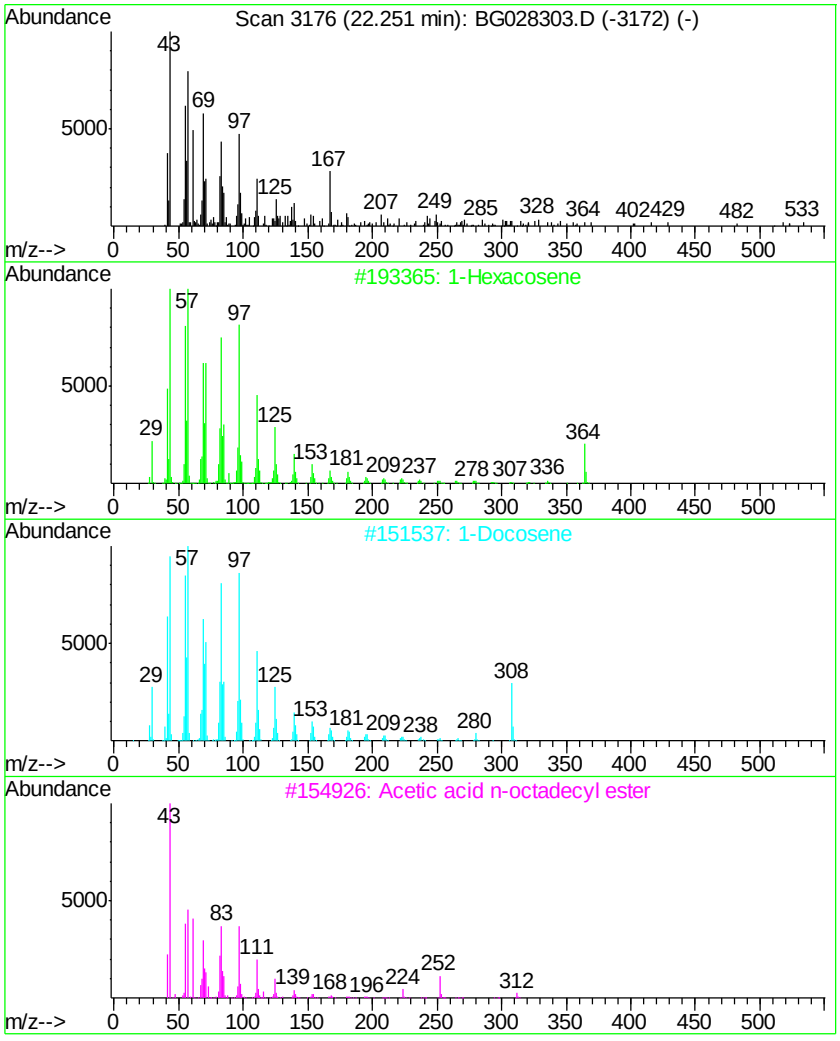
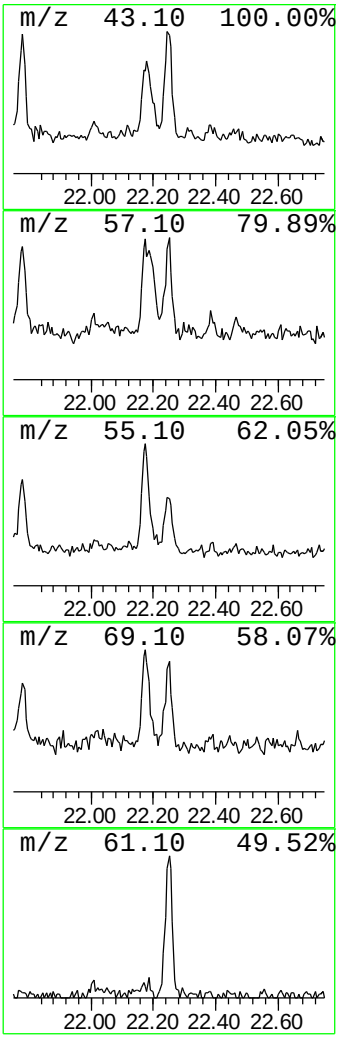
Peak Number 17 (DEL) Alkane: Cyclic22.25 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	4.56 ng/ul	205065	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	90
2	1-Docosene	308	C22H44	001599-67-3	89
3	Acetic acid n-octadecyl ester	312	C20H40O2	000822-23-1	87
4	1-Tetradecyl acetate	256	C16H32O2	000638-59-5	83
5	Eicosyl acetate	340	C22H44O2	1000351-77-9	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028303.D
Acq On : 11 Aug 2017 23:34
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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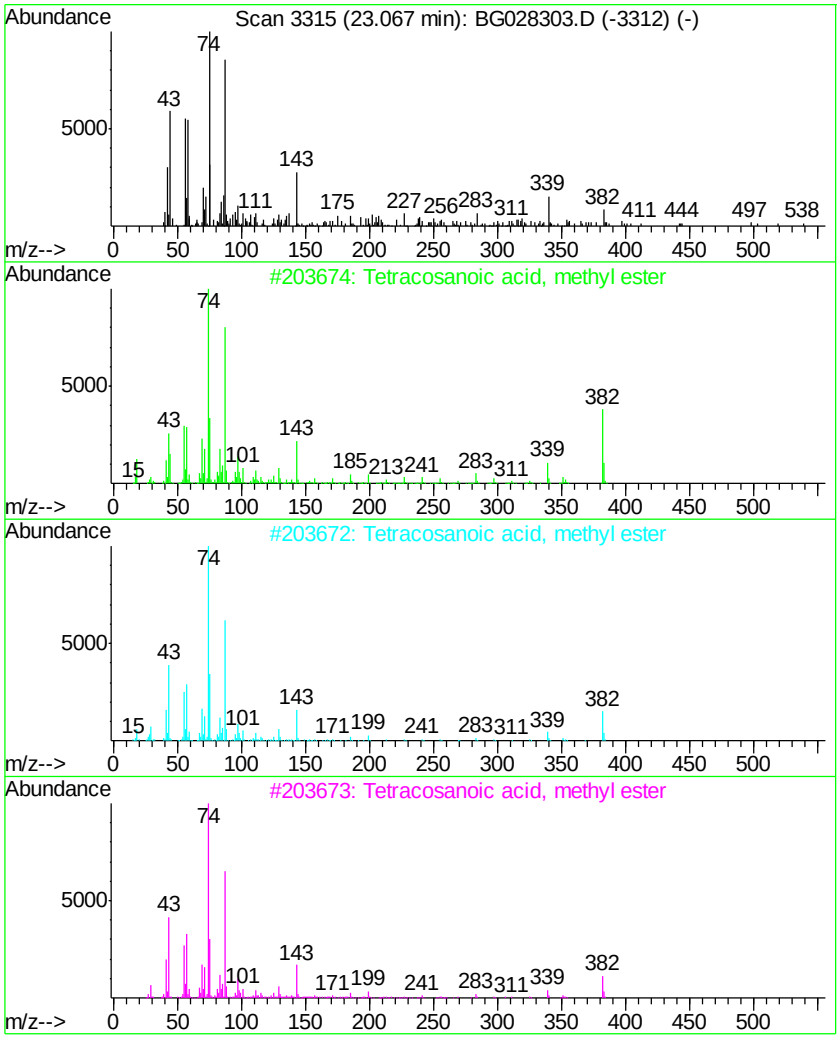
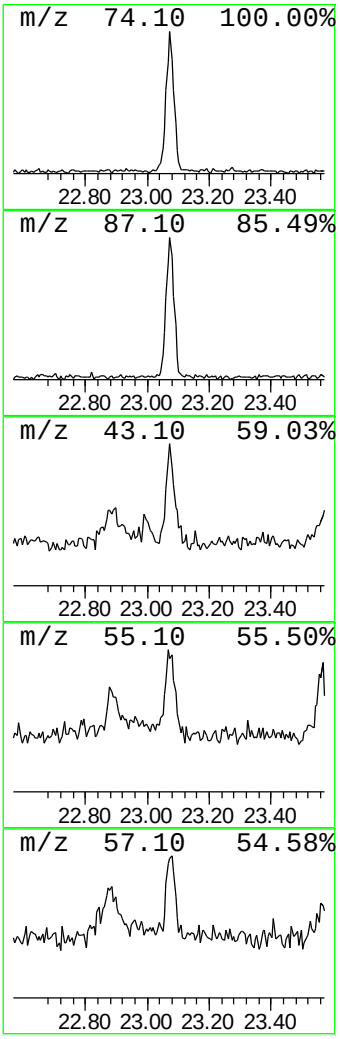
Peak Number 18 Tetracosanoic acid, methyl ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	6.18 ng/ul	277631	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	94
2	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	94
3	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	91
4	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	90
5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028303.D
Acq On : 11 Aug 2017 23:34
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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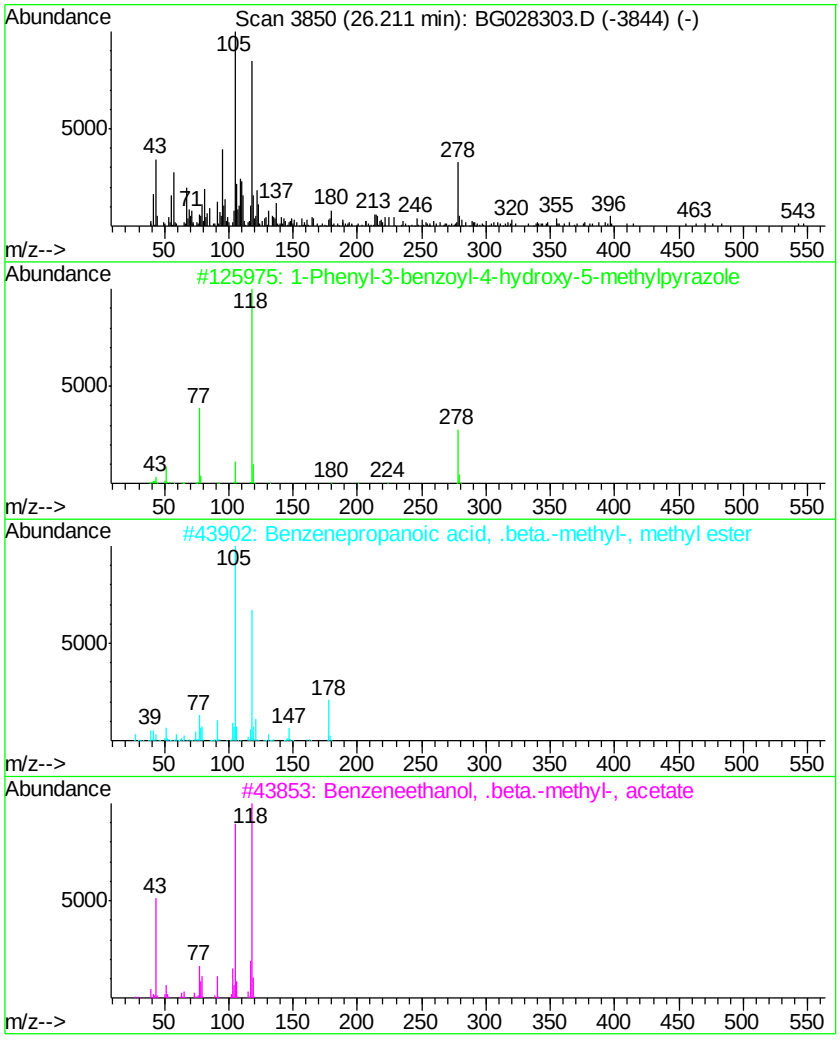
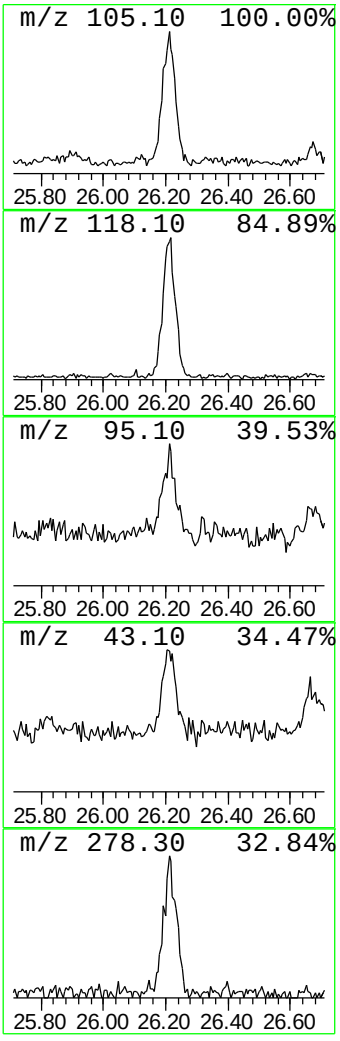
Peak Number 19 unknown02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.21	10.33 ng/ul	413818	Perylene-d12	25.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-3-benzoyl-4-hydroxy-5-m...	278	C17H14N2O2	095884-24-5	38
2	Benzenepropanoic acid, .beta.-me...	178	C11H14O2	003461-39-0	27
3	Benzeneethanol, .beta.-methyl-, ...	178	C11H14O2	010402-52-5	27
4	Hex-1-ene,2,5-diphenyl-	236	C18H20	032375-29-4	27
5	2-Phenylpropyl butyrate	206	C13H18O2	080866-83-7	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028303.D
Acq On : 11 Aug 2017 23:34
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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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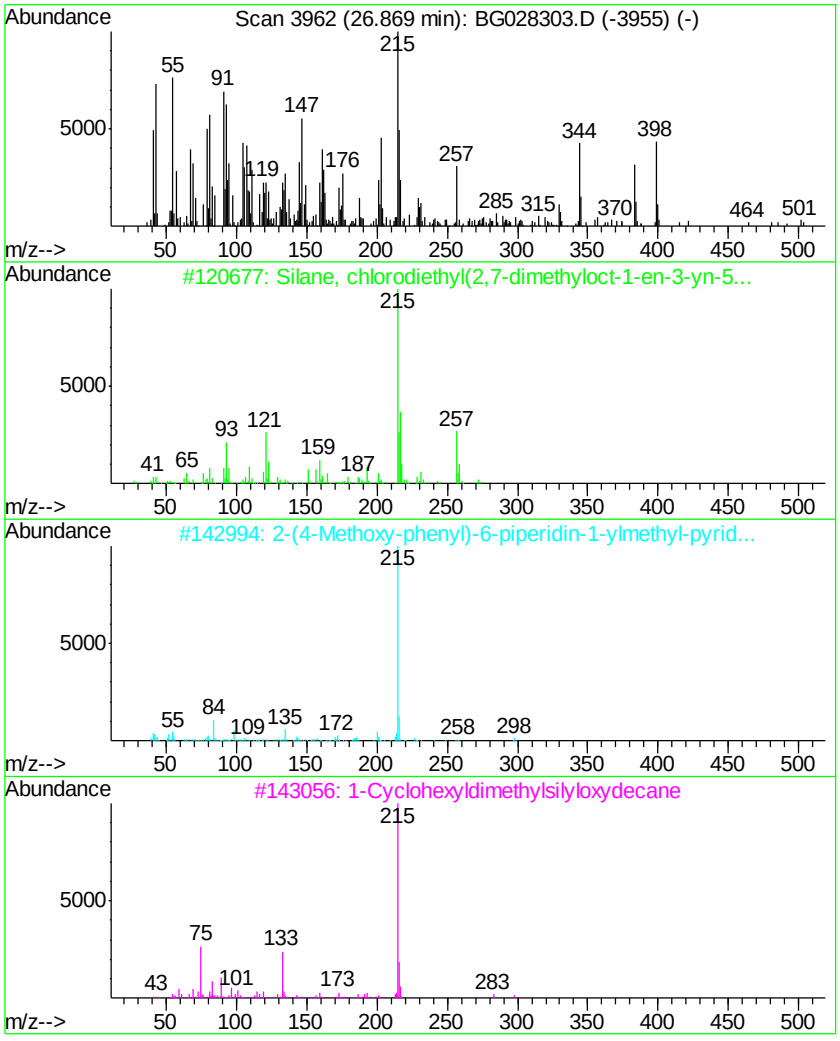
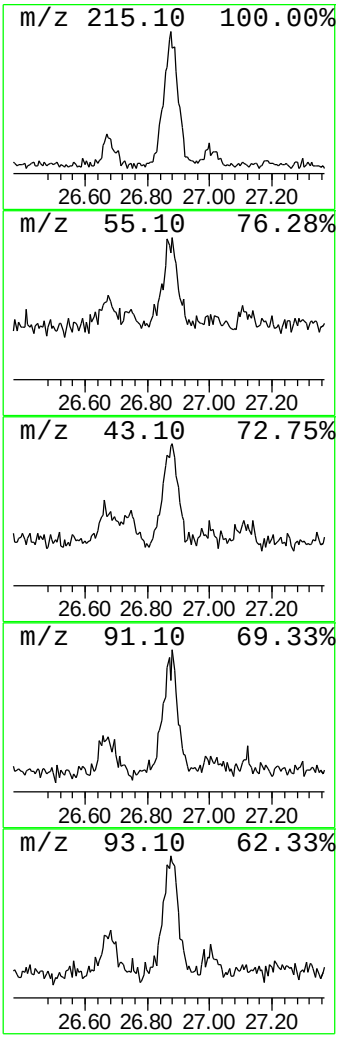
Peak Number 20 unknown03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.87	18.31 ng/ul	733656	Perylene-d12	25.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorodiethyl(2,7-dimeth...	272	C14H25ClOSi	1000363-57-6	15
2	2-(4-Methoxy-phenyl)-6-piperidin...	298	C18H22N2O2	1000296-82-1	11
3	1-Cyclohexyldimethylsilyloxydecane	298	C18H38OSi	1000281-96-1	11
4	2,3,4-Trifluorophenol, heptafluo...	344	C10H2F10O2	1000365-25-3	11
5	l-Serine, N,O-bis(3-cyclopentylp...	367	C20H33NO5	1000299-65-7	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028303.D
Acq On : 11 Aug 2017 23:34
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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
Naphthalene, 2,3-...	14.14	2.2	ng/ul	79706	3	14.97	732350	20.0
1,1'-Biphenyl, 4-...	15.88	2.0	ng/ul	75084	3	14.97	732350	20.0
(DEL) Alkane: Str...	16.62	2.2	ng/ul	82648	4	17.71	765971	20.0
9H-Fluorene, 2-me...	16.99	2.7	ng/ul	101783	4	17.71	765971	20.0
unknown01	17.42	3.3	ng/ul	125724	4	17.71	765971	20.0
(DEL) Alkane: Str...	18.16	4.1	ng/ul	157732	4	17.71	765971	20.0
Tridecanoic acid	18.56	4.0	ng/ul	155053	4	17.71	765971	20.0
(DEL) Alkane: Str...	18.84	2.6	ng/ul	99930	4	17.71	765971	20.0
(DEL) Alkane: Str...	19.47	6.3	ng/ul	240996	4	17.71	765971	20.0
Octadecanoic acid	19.82	3.2	ng/ul	121306	4	17.71	765971	20.0
Heptadecyl triflu...	20.01	7.6	ng/ul	343308	5	22.05	899118	20.0
(DEL) Alkane: Str...	20.56	3.9	ng/ul	174697	5	22.05	899118	20.0
(DEL) Alkane: Cyc...	21.05	14.1	ng/ul	632085	5	22.05	899118	20.0
(DEL) Alkane: Cyc...	21.62	6.4	ng/ul	289154	5	22.05	899118	20.0
Docosanoic acid, ...	21.78	7.4	ng/ul	331898	5	22.05	899118	20.0
(DEL) Alkane: Cyc...	22.17	6.0	ng/ul	272124	5	22.05	899118	20.0
(DEL) Alkane: Cyc...	22.25	4.6	ng/ul	205065	5	22.05	899118	20.0
Tetracosanoic aci...	23.07	6.2	ng/ul	277631	5	22.05	899118	20.0
unknown02	26.21	10.3	ng/ul	413818	6	25.56	801358	20.0
unknown03	26.87	18.3	ng/ul	733656	6	25.56	801358	20.0