LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

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\SOM02.2-EPA-BG113016.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	3.149	49	53	59	rBV4	10743	18599	0.80%	0.047%
2	3.601	123	130	142	rBV	308507	486960	20.85%	1.226%
3	4.130	215	220	228	rVB4	18230	34163	1.46%	0.086%
4	5.299	411	419	426	rBV2	26630	44589	1.91%	0.112%
5	5.375	428	432	438	rVB6	9177	16164	0.69%	0.041%
6	6.357	592	599	602	rBV6	9261	20096	0.86%	0.051%
7	7.197	734	742	752	rBV6	12926	35902	1.54%	0.090%
8	7.385	761	774	791	rBV2	286812	580525	24.86%	1.462%
9	7.549	794	802	810	rBV	181586	313372	13.42%	0.789%
10	7.761	830	838	848	rVV	255450	473294	20.27%	1.192%
11	8.237	912	919	928	rBV	322776	611958	26.20%	1.541%
12	8.519	966	967	978	rVB9	9312	18192	0.78%	0.046%
13	8.871	1021	1027	1032	rBV7	12327	26489	1.13%	0.067%
14	8.942	1032	1039	1047	rVV	345450	646445	27.68%	1.628%
15	9.412	1111	1119	1127	rVV2	262686	516306	22.11%	1.300%
16	9.494	1127	1133	1142	rVV6	30412	61438	2.63%	0.155%
17	10.135	1234	1242	1252	rBV3	253995	511721	21.91%	1.289%
18	10.246	1253	1261	1265	rVB6	8748	20902	0.90%	0.053%
19	10.328	1270	1275	1282	rVB6	10126	23124	0.99%	0.058%
20	10.681	1328	1335	1345	rBV	392371	734451	31.45%	1.849%
21	10.928	1370	1377	1381	rBV9	8915	18207	0.78%	0.046%
22	11.063	1391	1400	1415	rVB	500784	976362	41.81%	2.459%
23	11.204	1415	1424	1435	rBV3	63646	163142	6.99%	0.411%
24	11.457	1464	1467	1480	rVB3	9723	23664	1.01%	0.060%
25	11.645	1494	1499	1507	rVB8	9682	23379	1.00%	0.059%
26	11.809	1523	1527	1532	rBV6	9845	17455	0.75%	0.044%
27	11.880	1532	1539	1547	rVV6	19314	42028	1.80%	0.106%
28	12.068	1566	1571	1576	rVB6	9103	17404	0.75%	0.044%
29	12.203	1589	1594	1604	rVB3	25488	53065	2.27%	0.134%
30	12.561	1649	1655	1659	rVV7	10828	21835	0.93%	0.055%
31	12.626	1659	1666	1671	rVB8	14671	29363	1.26%	0.074%
32	12.702	1672	1679	1680	rBV3	24267	28464	1.22%	0.072%
33	12.731	1681	1684	1692	rVB9	29727	48739	2.09%	0.123%
34	12.837	1696	1702	1711	rVB9	17348	49124	2.10%	0.124%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

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\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	12.919	1711	1716	1721	rBV2	20772	34557	1.48%	0.087%
36	13.049	1733	1738	1743	rBV9	11069	20752	0.89%	0.052%
37	13.119	1743	1750	1758	rVB6	41127	86590	3.71%	0.218%
38	13.213	1758	1766	1767	rBV8	12339	28133	1.20%	0.071%
39	13.337	1781	1787	1795	rVB3	42625	86276	3.69%	0.217%
40	13.442	1800	1805	1812	rVB9	11568	30591	1.31%	0.077%
41	13.636	1833	1838	1844	rVB7	33622	51819	2.22%	0.130%
42	13.724	1847	1853	1856	rBV7	12935	26892	1.15%	0.068%
43	13.830	1869	1871	1877	rVB6	12097	17986	0.77%	0.045%
44	13.889	1877	1881	1889	rBV9	10776	28846	1.24%	0.073%
45	14.030	1898	1905	1911	rVB10	23146	52848	2.26%	0.133%
46	14.194	1925	1933	1936	rBV5	99345	184419	7.90%	0.464%
47	14.247	1936	1942	1946	rVV	710175	1113564	47.68%	2.804%
48	14.294	1946	1950	1957	rVB	660666	959276	41.08%	2.416%
49	14.412	1963	1970	1971	rBV7	21783	33258	1.42%	0.084%
50	14.441	1972	1975	1986	rVB7	29559	61903	2.65%	0.156%
51	14.559	1987	1995	2005	rVB	724708	1240141	53.10%	3.123%
52	14.700	2015	2019	2028	rVB9	40863	82159	3.52%	0.207%
53	14.811	2034	2038	2040	rBV4	30483	35679	1.53%	0.090%
54	14.858	2040	2046	2055	rVB	934016	1479797	63.37%	3.726%
55	14.982	2061	2067	2073	rBV	171632	267069	11.44%	0.673%
56	15.064	2074	2081	2090	rBV	290755	573145	24.54%	1.443%
57	15.229	2101	2109	2119	rVB	79166	208400	8.92%	0.525%
58	15.311	2119	2123	2127	rBV6	27592	43291	1.85%	0.109%
59	15.352	2128	2130	2134	rVB5	24506	29028	1.24%	0.073%
60	15.469	2144	2150	2155	rBV10	27583	60265	2.58%	0.152%
61	15.516	2155	2158	2160	rBV4	15691	18806	0.81%	0.047%
62	15.552	2160	2164	2167	rBV4	23308	36668	1.57%	0.092%
63	15.610	2169	2174	2177	rBV3	59369	113330	4.85%	0.285%
64	15.769	2196	2201	2206	rBV	347858	491065	21.03%	1.237%
65	15.845	2207	2214	2227	rVB	957153	1608804	68.89%	4.051%
66	15.969	2230	2235	2243	rVB2	378435	560390	24.00%	1.411%
67	16.051	2244	2249	2253	rVV8	34491	54790	2.35%	0.138%
68	16.086	2253	2255	2260	rVB6	23047	26803	1.15%	0.067%
69	16.151	2261	2266	2270	rBV8	29964	61052	2.61%	0.154%
70	16.274	2283	2287	2292	rBV7	66153	121980	5.22%	0.307%
71	16.509	2322	2327	2329	rBV4	88939	147174	6.30%	0.371%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

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\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	16.545	2330	2333	2339	rVB2	150348	232251	9.95%	0.585%
73	16.674	2352	2355	2362	rBV9	28013	53042	2.27%	0.134%
74	16.874	2384	2389	2398	rBV4	109229	243317	10.42%	0.613%
75	16.944	2398	2401	2407	rVB8	42703	71993	3.08%	0.181%
76	17.297	2457	2461	2464	rBV	107455	132122	5.66%	0.333%
77	17.438	2481	2485	2491	rVB5	66111	109494	4.69%	0.276%
78	17.602	2505	2513	2523	rBV2	1133658	1910938	81.83%	4.812%
79	17.702	2523	2530	2548	rVB	1002036	1710394	73.24%	4.307%
80	17.931	2563	2569	2579	rBV	540534	892458	38.22%	2.247%
81	18.031	2583	2586	2596	rVB	179299	261841	11.21%	0.659%
82	18.437	2651	2655	2665	rBV3	480692	755004	32.33%	1.901%
83	18.719	2699	2703	2708	rVB	210699	255253	10.93%	0.643%
84	19.341	2806	2809	2817	rBV2	307060	398165	17.05%	1.003%
85	19.500	2833	2836	2844	rBV2	169934	251442	10.77%	0.633%
86	19.700	2865	2870	2878	rBV5	196940	293926	12.59%	0.740%
87	19.911	2902	2906	2910	rVB	398831	462655	19.81%	1.165%
88	19.976	2911	2917	2929	rVB	1260411	2063951	88.38%	5.197%
89	20.440	2991	2996	3008	rVB	521429	694337	29.73%	1.748%
90	20.940	3076	3081	3091	rVB2	464458	946568	40.53%	2.384%
91	21.457	3165	3169	3180	rVB2	363629	650255	27.84%	1.637%
92	21.627	3194	3198	3203	rVB4	151876	237752	10.18%	0.599%
93	21.721	3208	3214	3223	rVB	1662761	2335306	100.00%	5.881%
94	21.891	3237	3243	3251	rBV	1154865	2155363	92.29%	5.427%
95	22.015	3260	3264	3274	rVB7	171424	407886	17.47%	1.027%
96	22.873	3405	3410	3420	rVB	366955	659140	28.22%	1.660%
97	23.348	3487	3491	3505	rVB10	184188	532257	22.79%	1.340%
98	25.076	3777	3785	3798	rVB3	619851	1866870	79.94%	4.701%
99	25.317	3817	3826	3838	rVB2	651190	1845918	79.04%	4.648%
100	25.893	3920	3924	3935	rVB4	182432	497969	21.32%	1.254%

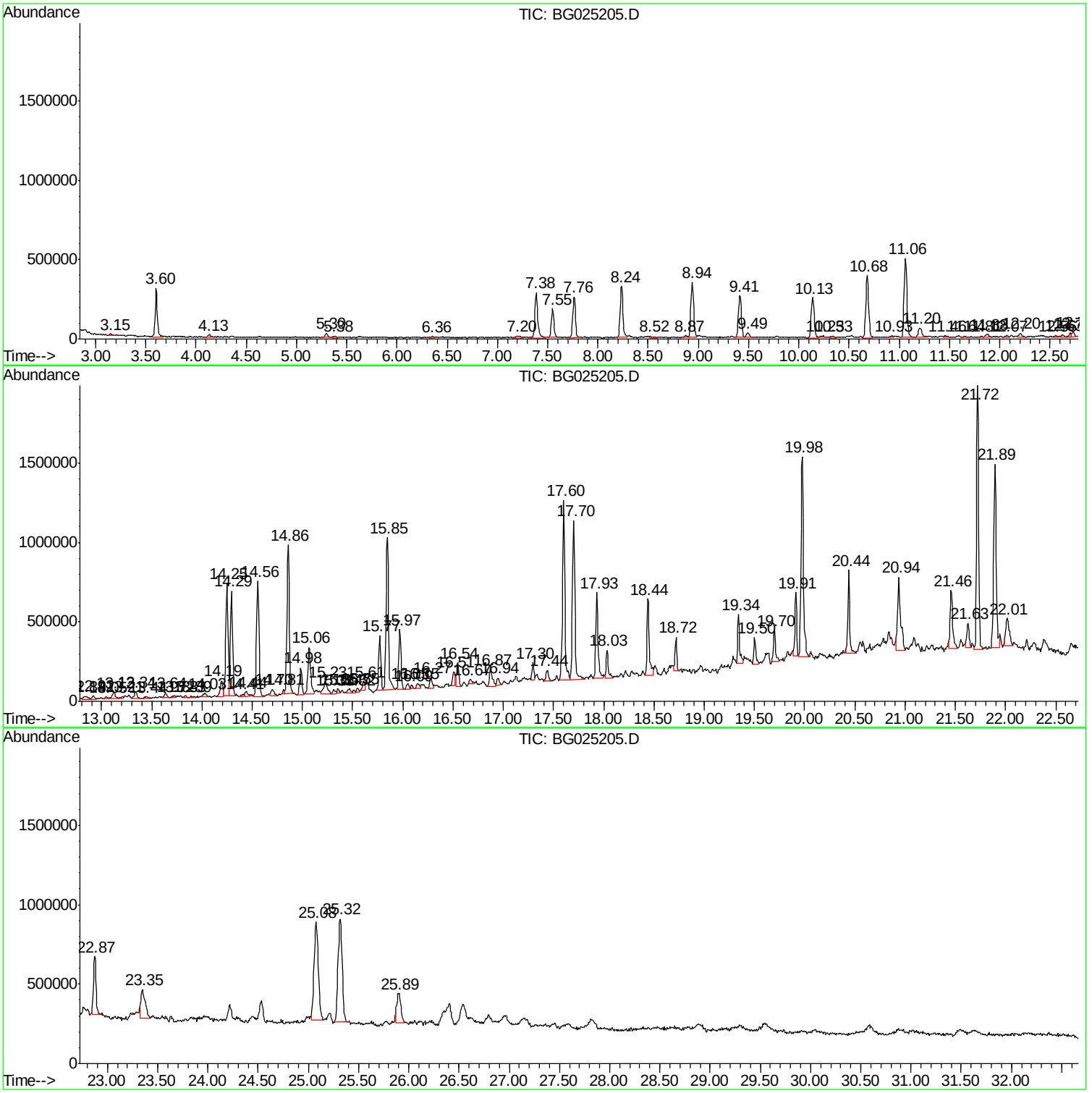
Sum of corrected areas: 39712334

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

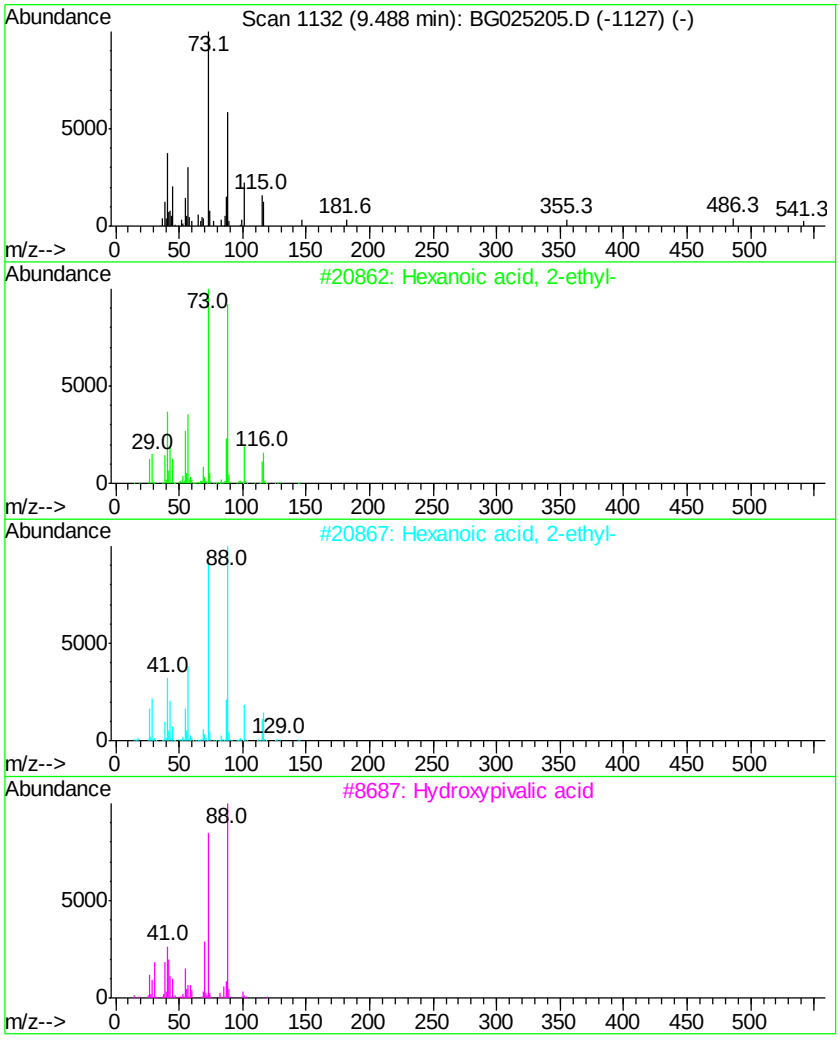
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

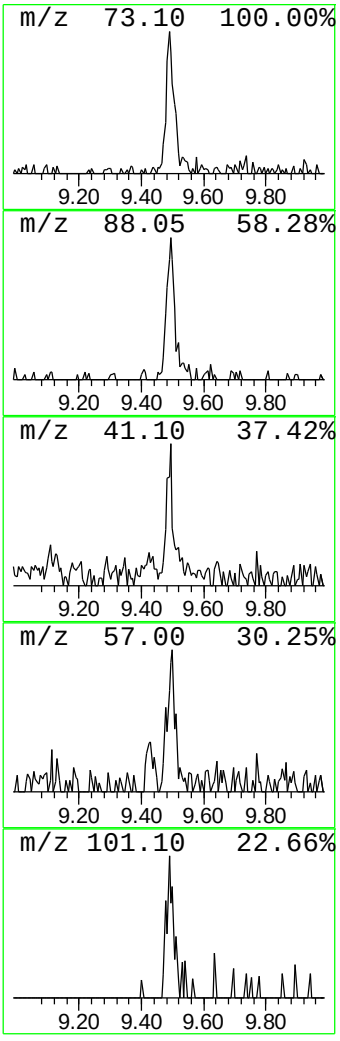
****

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	2.01 ng/ul	61438	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
3	Hydroxypivalic acid	118	C5H10O3	004835-90-9	47
4	5-(Methylamino)-1,2,3,4-thiatria...	116	C2H4N4S	052098-72-3	40
5	Dimethylmalonic acid, butyl hexy...	272	C15H28O4	1000361-68-5	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

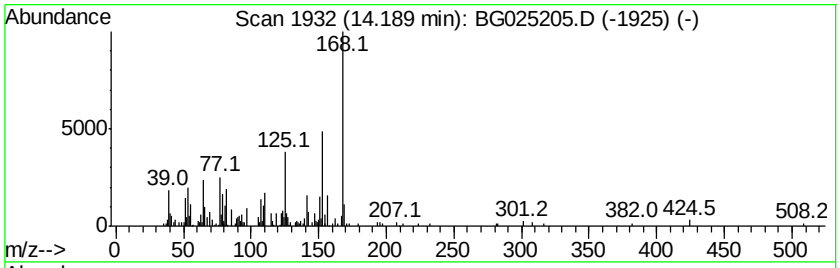
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

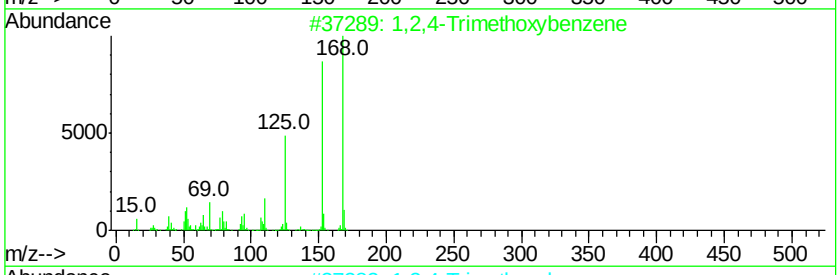
****

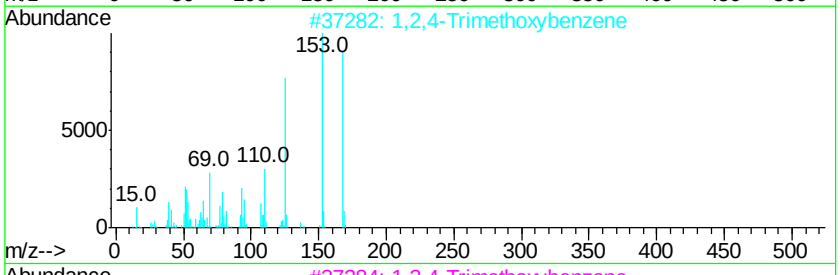
Peak Number 2 1,2,4-Trimethoxybenzene Concentration Rank 20

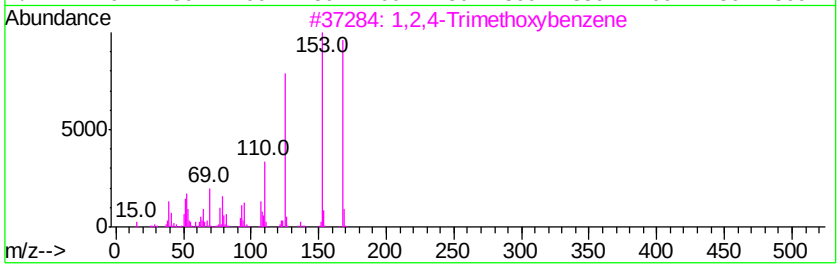
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.49 ng/ul	184419	Acenaphthene-d10	14.86

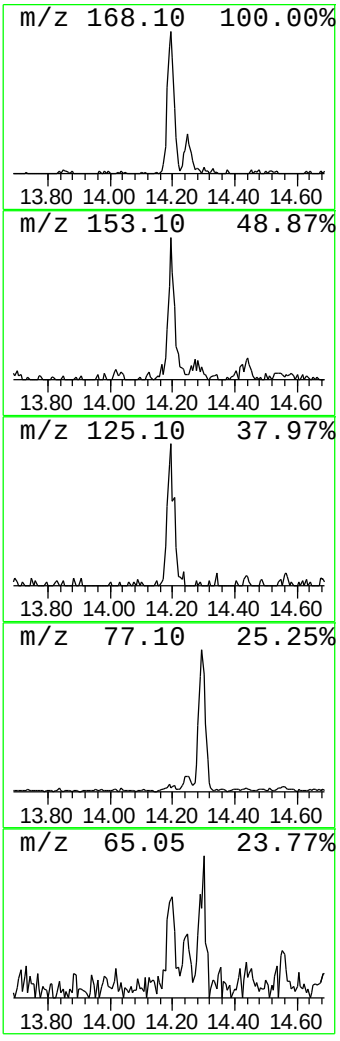
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	74
2	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	72
3	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	72
4	2,5-Dimethoxybenzyl alcohol	168	C9H12O3	033524-31-1	64
5	1,2,3-Trimethoxybenzene	168	C9H12O3	000634-36-6	64











Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
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Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

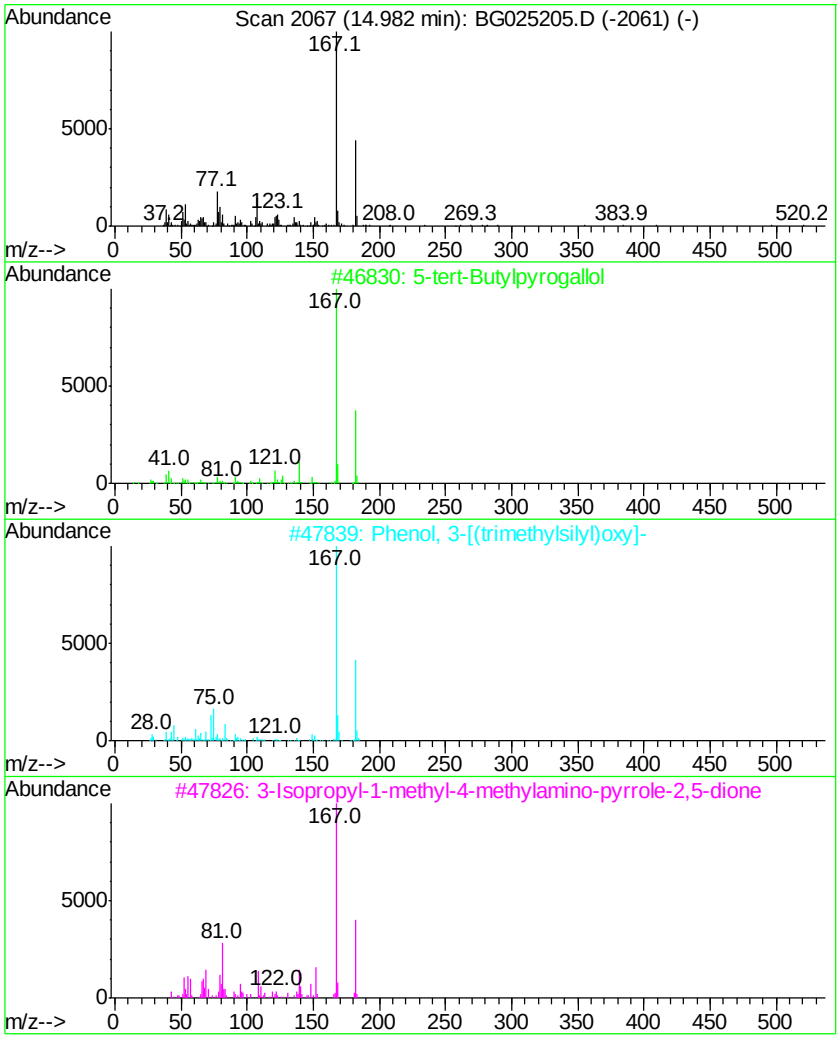
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

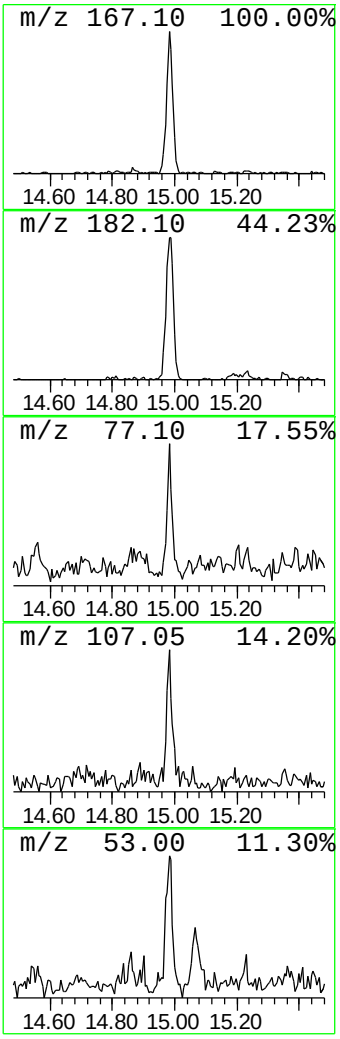
****

Peak Number 3 5-tert-Butylpyrogallol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	3.61 ng/ul	267069	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-tert-Butylpyrogallol	182	C10H14O3	020481-17-8	72
2	Phenol, 3-[(trimethylsilyl)oxy]-	182	C9H14O2Si	017882-01-8	72
3	3-Isopropyl-1-methyl-4-methylami...	182	C9H14N2O2	1000296-12-2	64
4	Ethanone, 1-(2,6-dihydroxy-4-met...	182	C9H10O4	007507-89-3	64
5	Hydroquinone mono-trimethylsilyl...	182	C9H14O2Si	017881-87-7	56





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

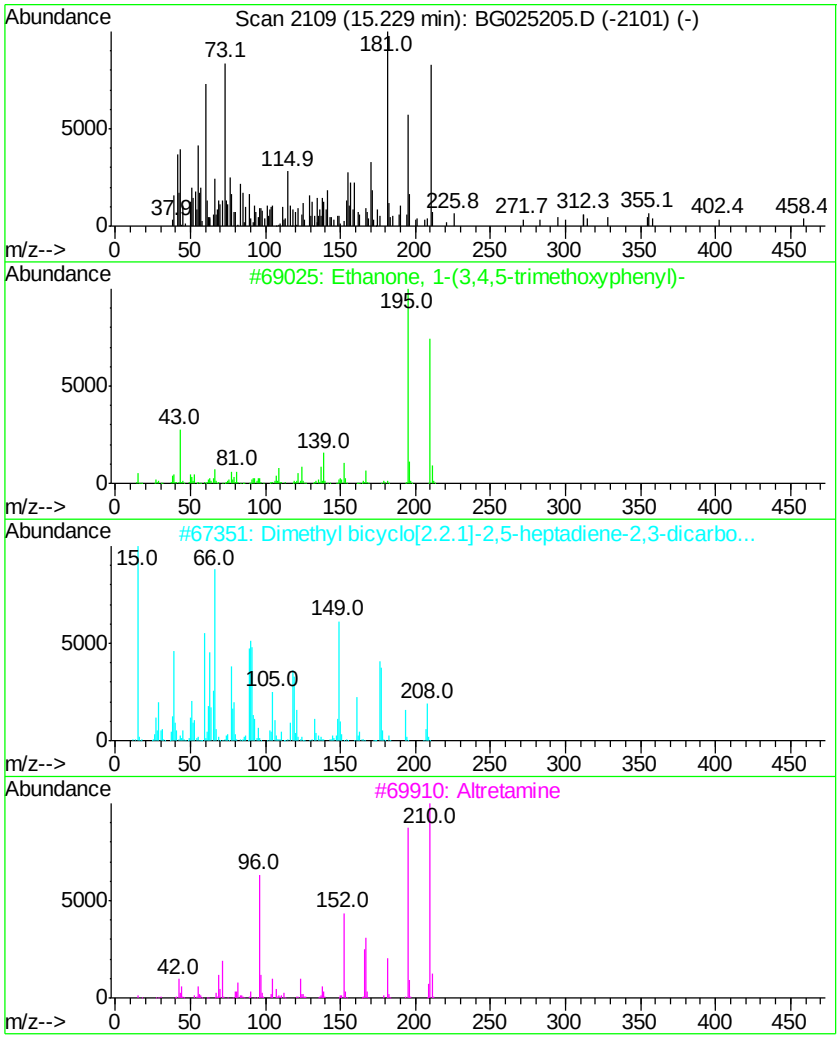
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

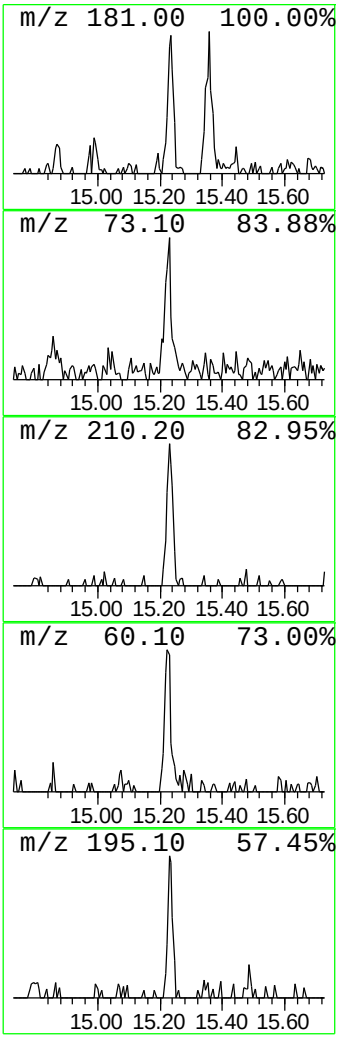
****

Peak Number 4 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.82 ng/ul	208400	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3,4,5-trimethoxyphe...	210	C11H14O4	001136-86-3	43
2	Dimethyl bicyclo[2.2.1]-2,5-hept...	208	C11H12O4	000947-57-9	20
3	Altretamine	210	C9H18N6	000645-05-6	18
4	2-(1-Methylethyl)perimidine	210	C14H14N2	028478-14-0	18
5	(E)-1-(4-Methoxy-3-nitrophenyl)e...	210	C9H10N2O4	1000373-23-0	14





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

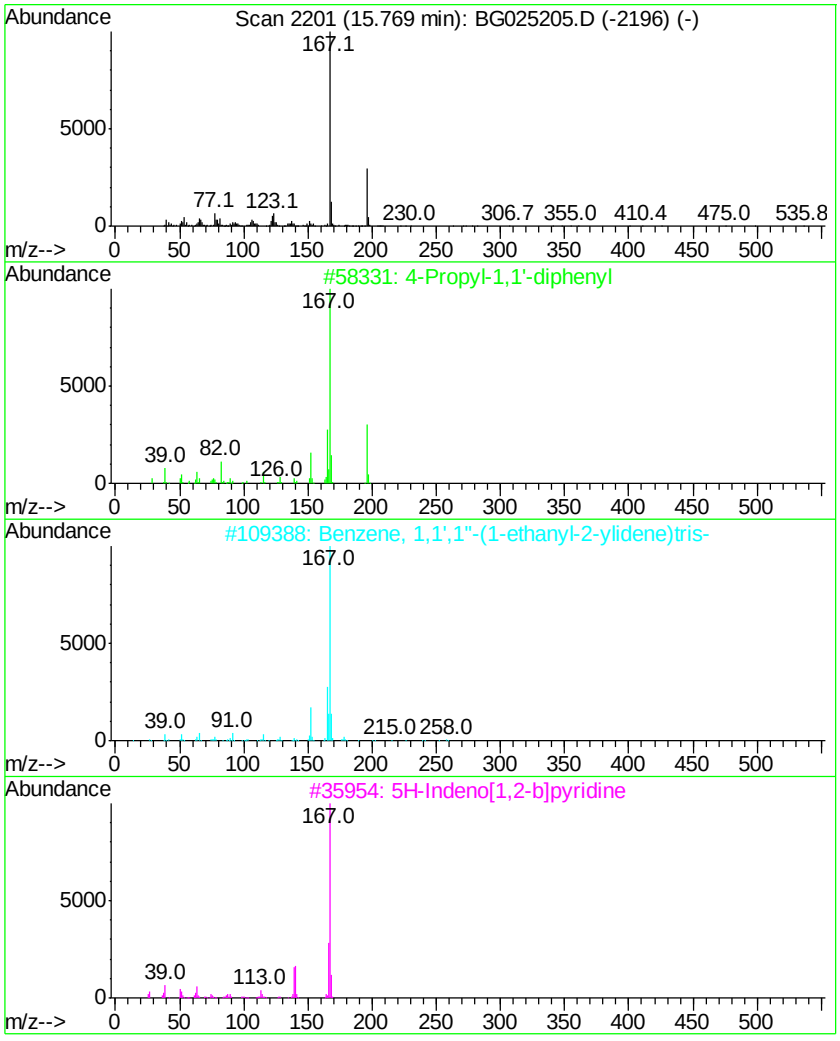
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

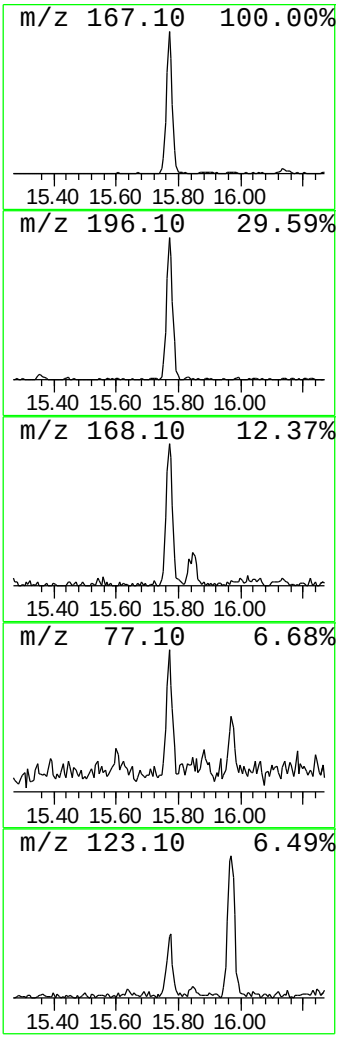
****

Peak Number 5 4-Propyl-1,1'-diphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	6.64 ng/ul	491065	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Propyl-1,1'-diphenyl	196	C15H16	010289-45-9	64
2	Benzene, 1,1',1''-(1-ethanyl-2-y...	258	C20H18	001520-42-9	40
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	40
4	5-Fluoro-2-methyl-benzothiazole	167	C8H6FNS	000399-75-7	40
5	Benzene, 1,1'-propylidenebis-	196	C15H16	001530-03-6	38





Library Search Compound Report

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Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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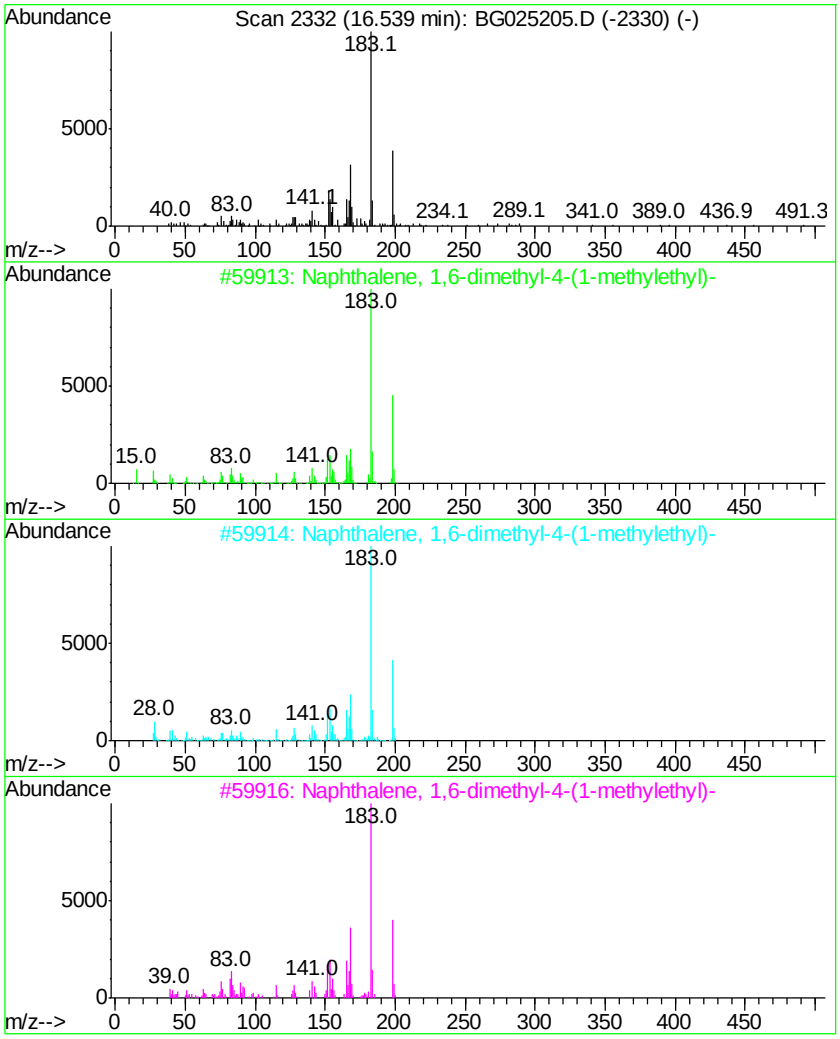
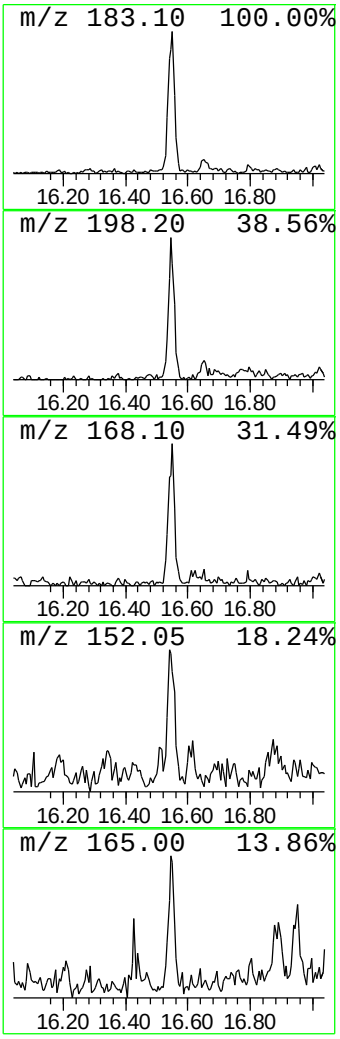
Peak Number 6 Naphthalene, 1,6-dimethyl-4... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	2.43 ng/ul	232251	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	94
2	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	93
3	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	90
4	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	87
5	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	87





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Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

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Quant Title : SVOA CALIBRATION

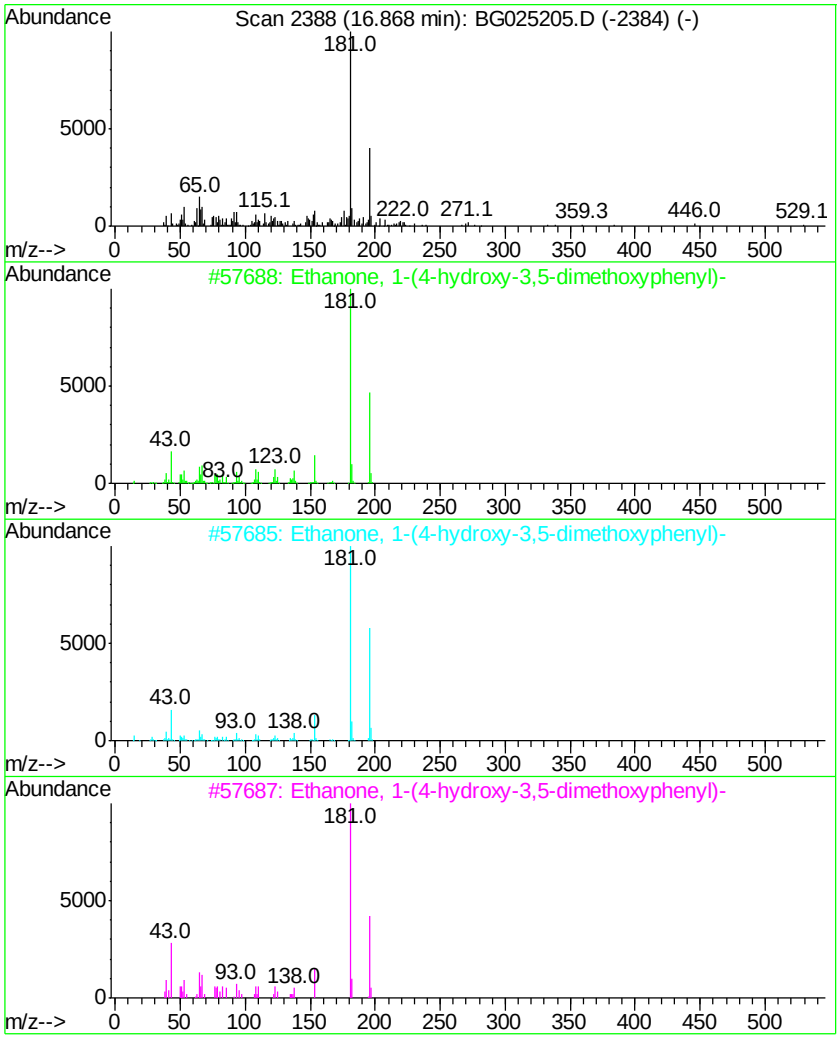
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

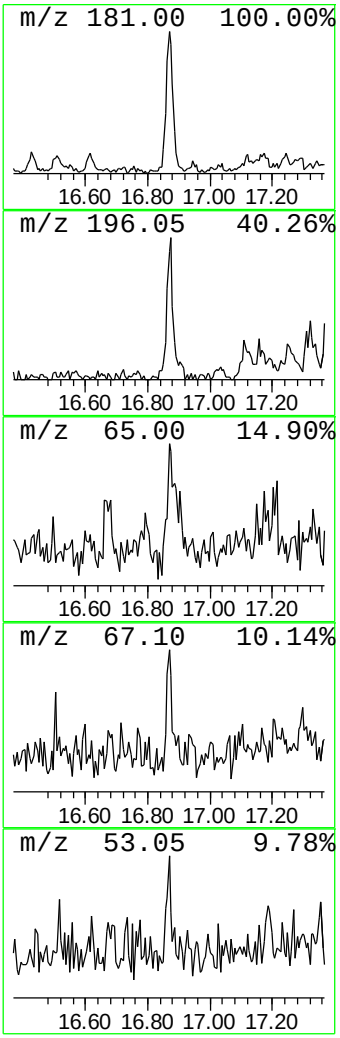
****

Peak Number 7 Ethanone, 1-(4-hydroxy-3,5-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	2.55 ng/ul	243317	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	81
2	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	81
3	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	81
4	Xanthoxylin	196	C10H12O4	000090-24-4	64
5	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	64





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Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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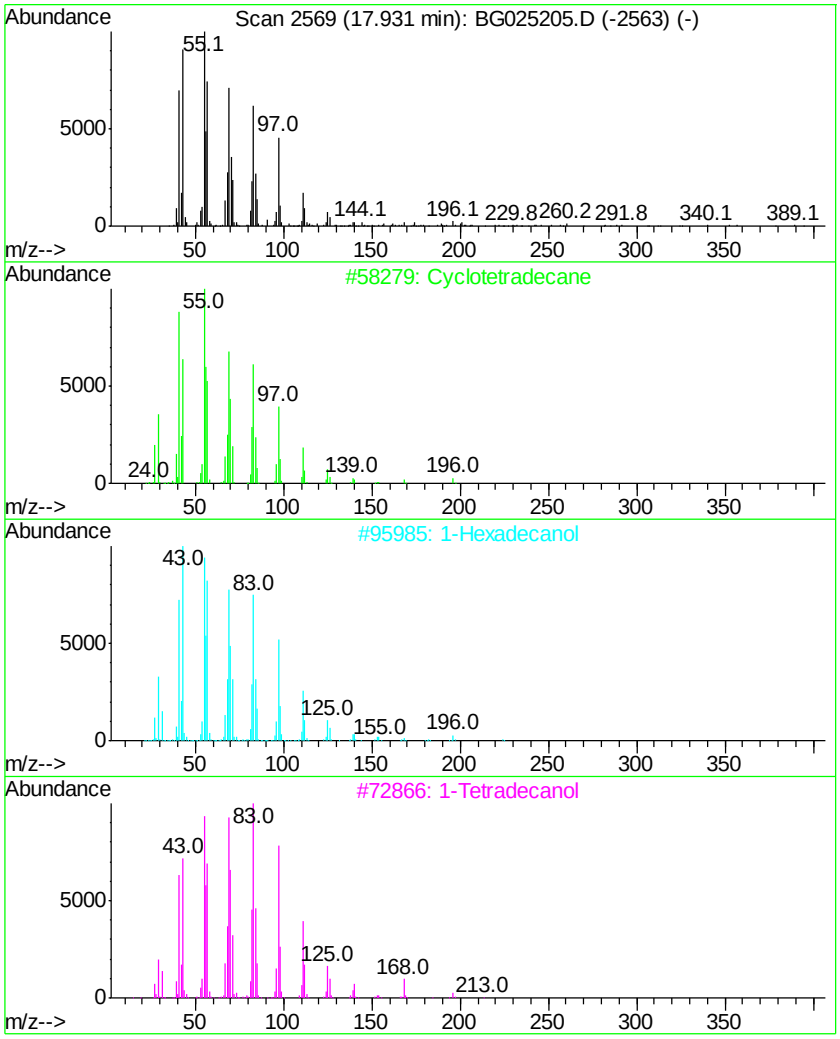
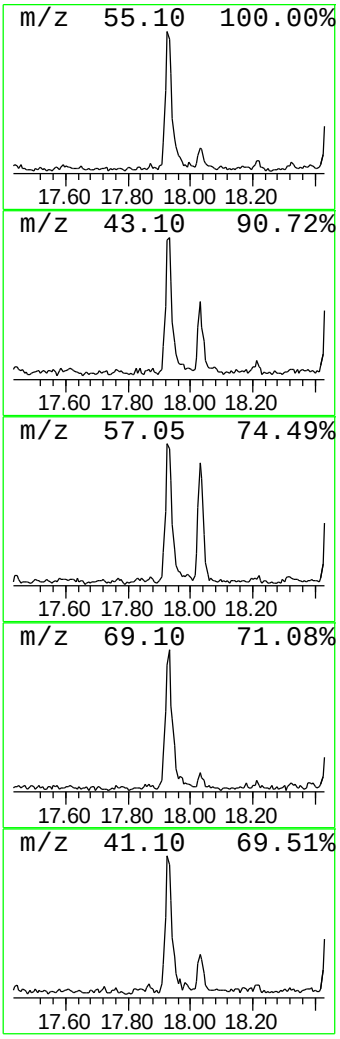
Peak Number 8 (DEL) Alkane: Cyclic17.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	9.34 ng/ul	892458	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	96
2	1-Hexadecanol	242	C16H34O	036653-82-4	95
3	1-Tetradecanol	214	C14H30O	000112-72-1	91
4	n-Pentadecanol	228	C15H32O	000629-76-5	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





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Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

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Quant Title : SVOA CALIBRATION

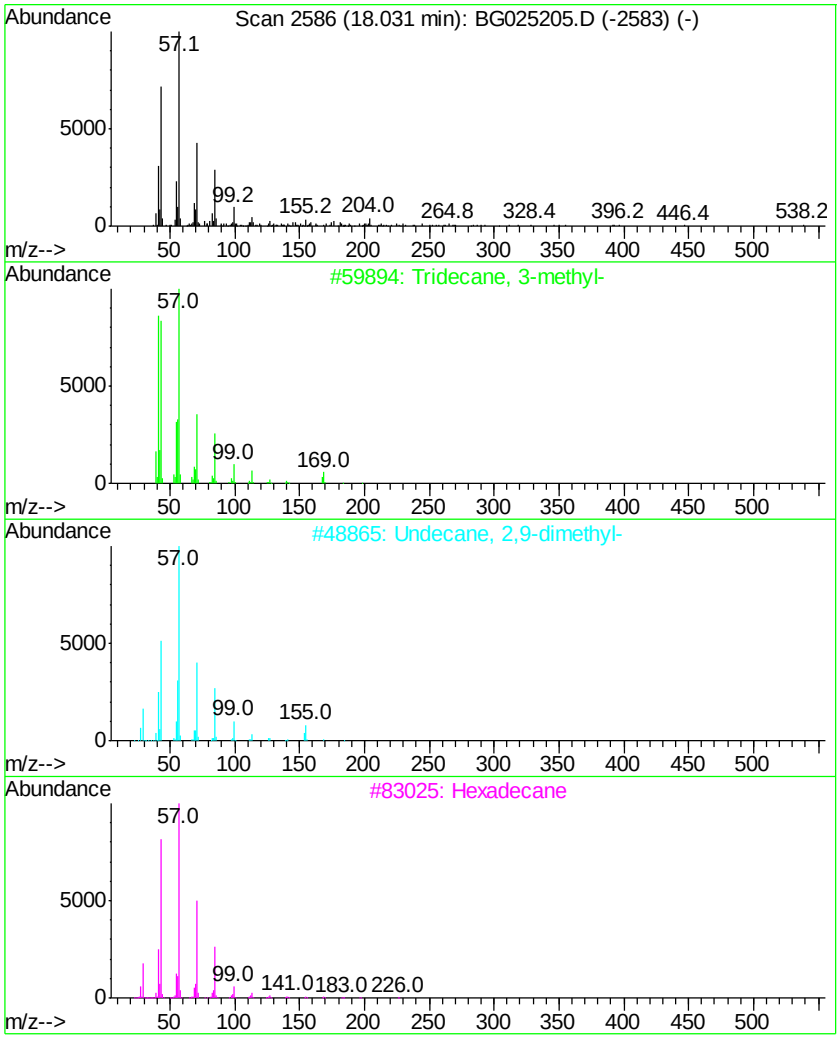
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

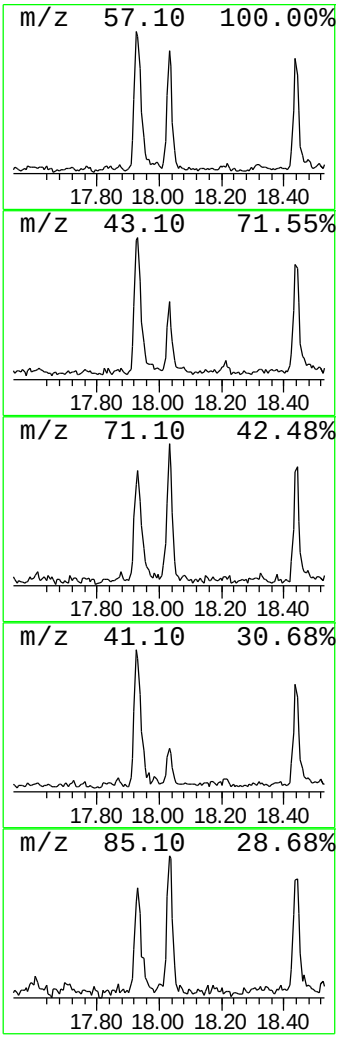
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.74 ng/ul	261841	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	70
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64





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Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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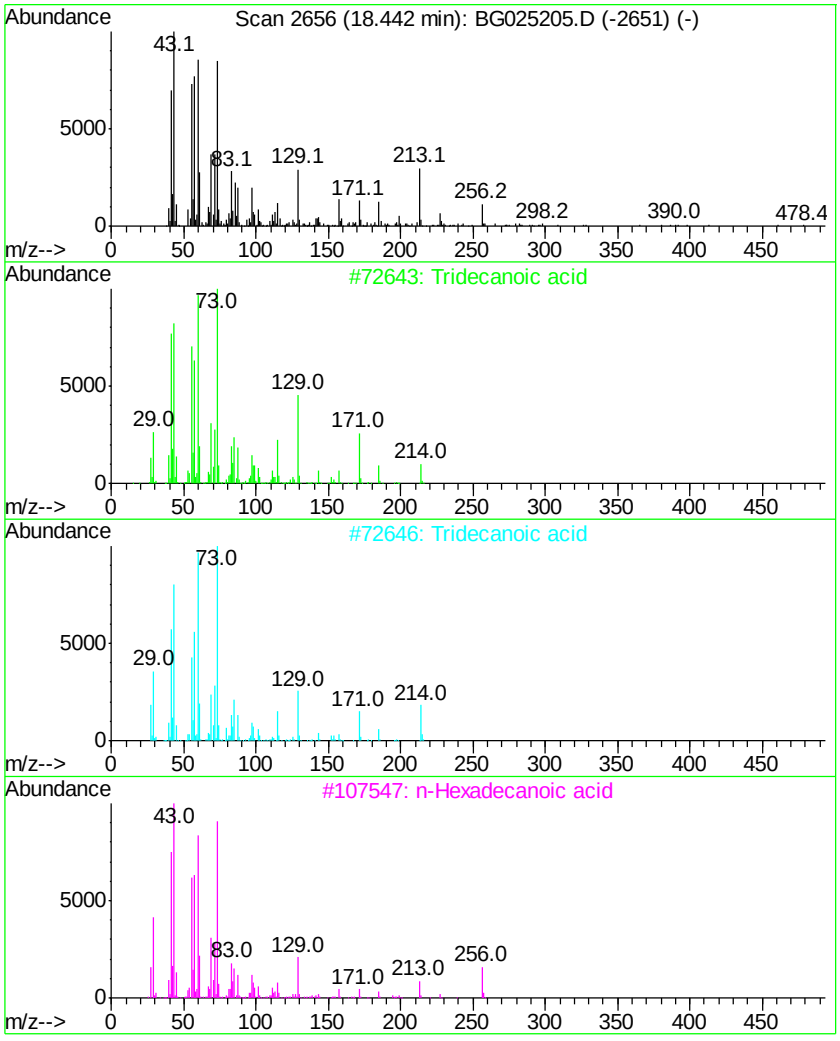
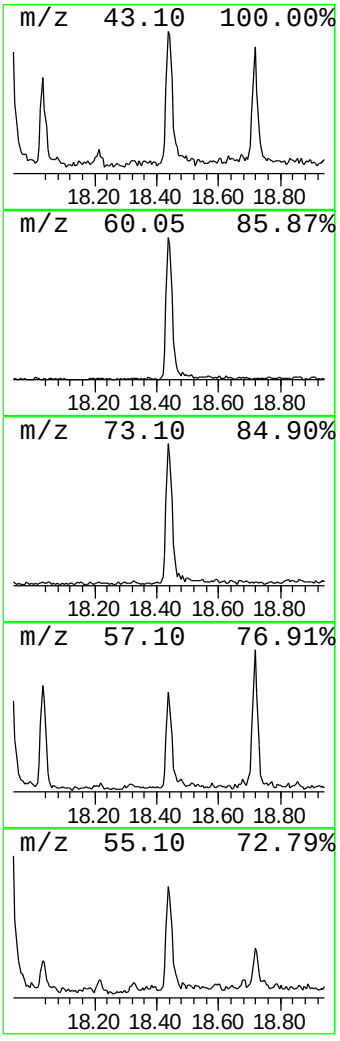
Peak Number 10 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	7.90 ng/ul	755004	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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Sample : H5938-01
Misc :
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Instrument : BNA_G
ClientSampleId : DA823

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Quant Title : SVOA CALIBRATION

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

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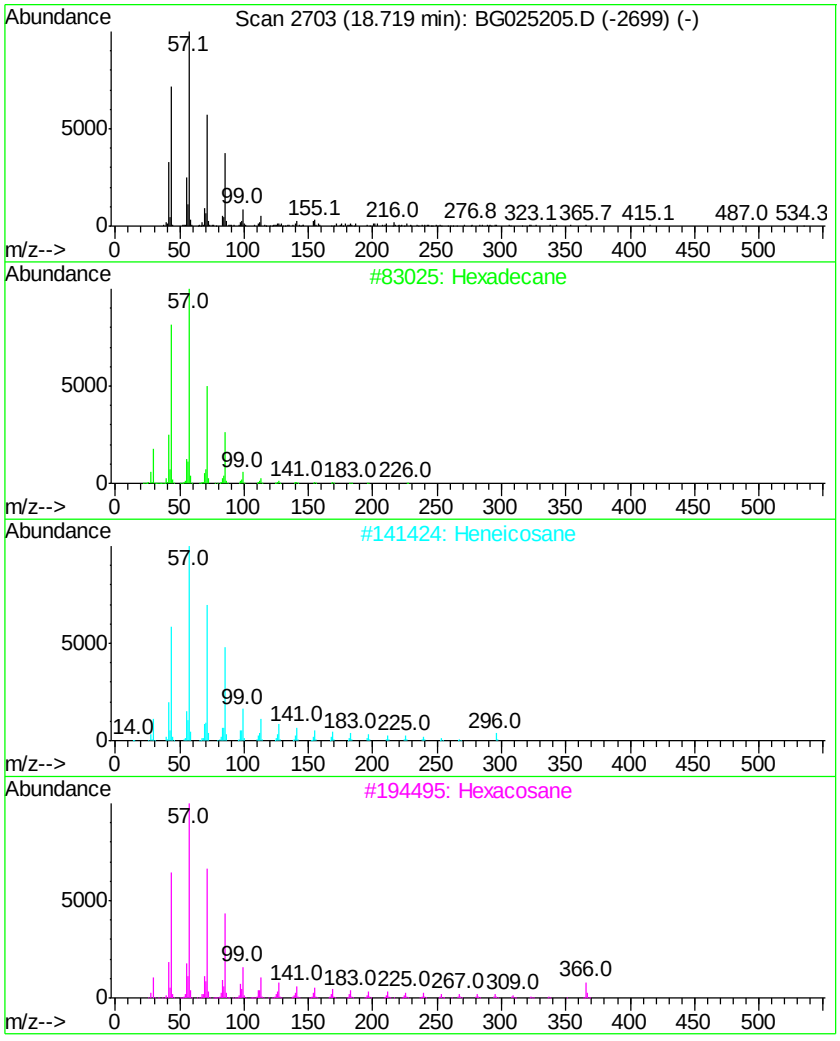
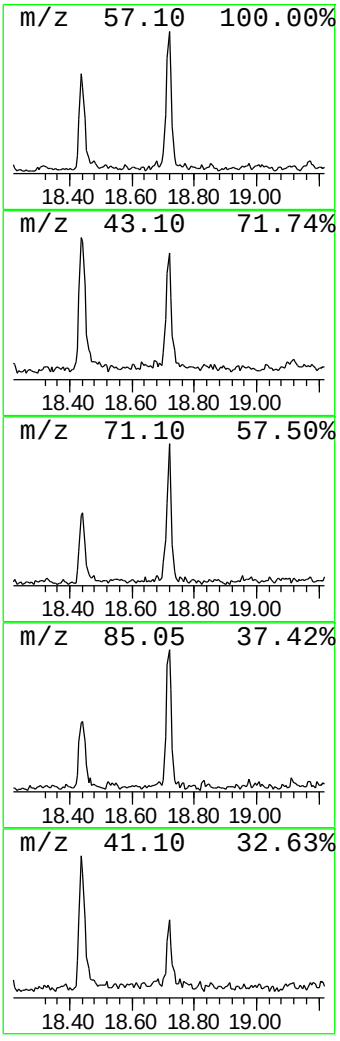
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.67 ng/ul	255253	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Decane, 3-methyl-	156	C11H24	013151-34-3	81





Library Search Compound Report

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Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

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Quant Title : SVOA CALIBRATION

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

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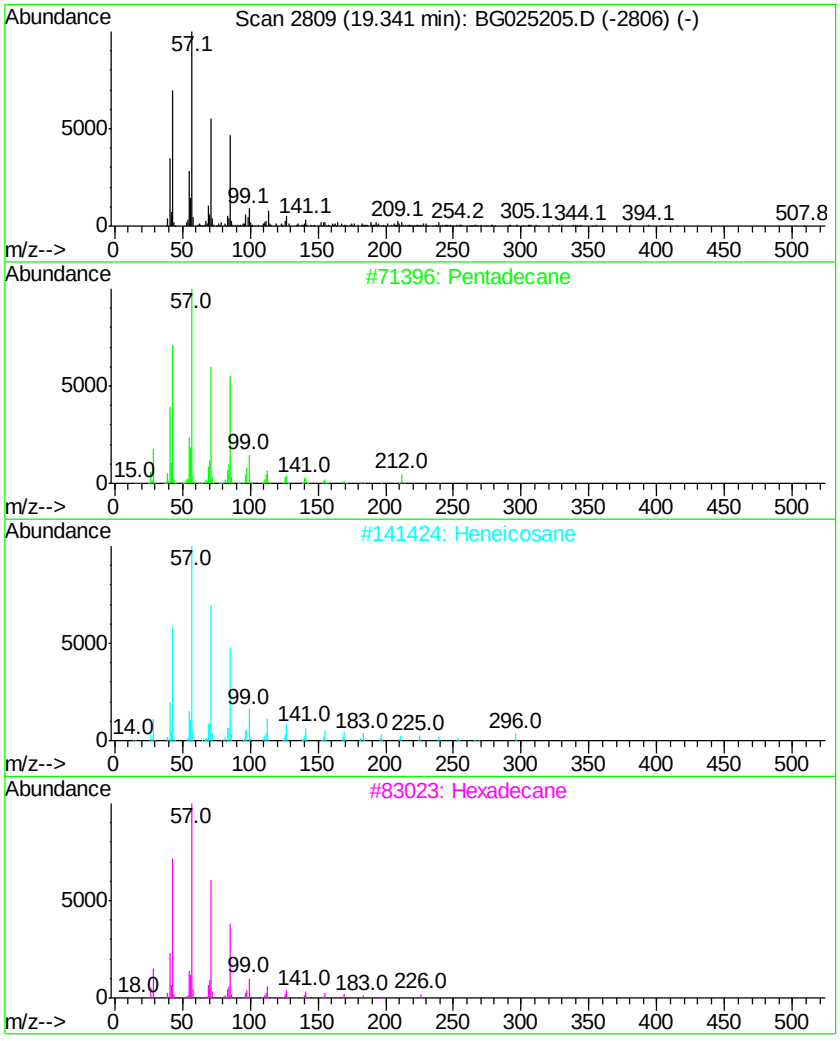
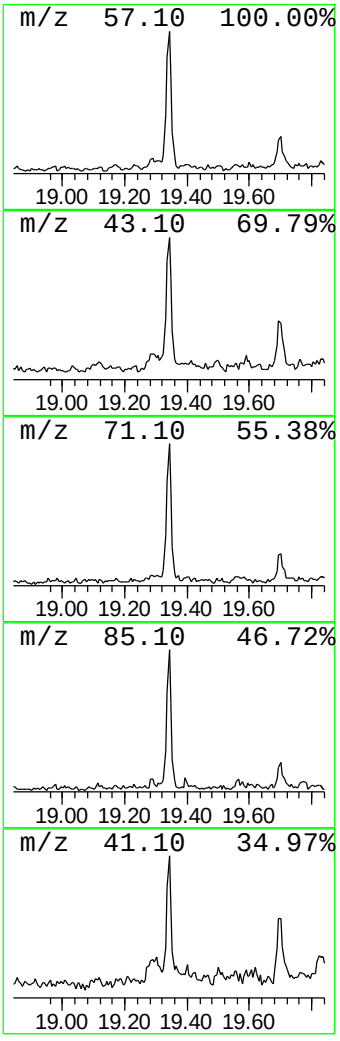
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	4.17 ng/ul	398165	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Heneicosane	296	C21H44	000629-94-7	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane	184	C13H28	000629-50-5	80





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Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

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Quant Title : SVOA CALIBRATION

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

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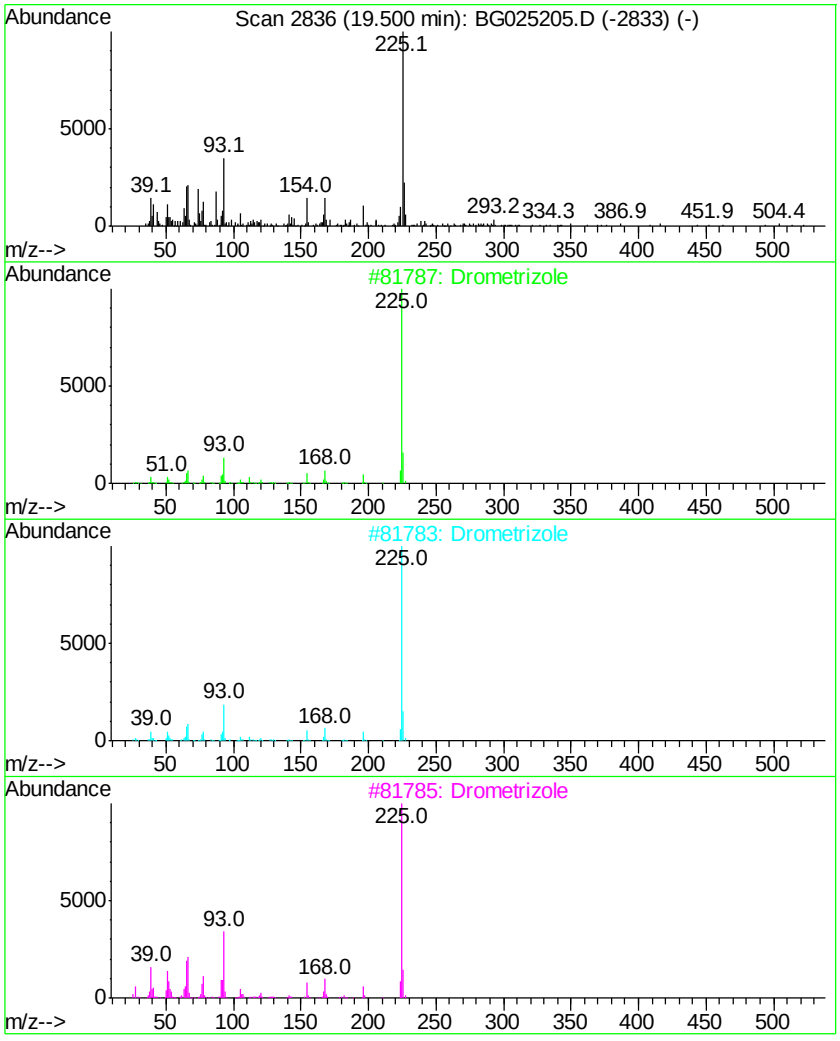
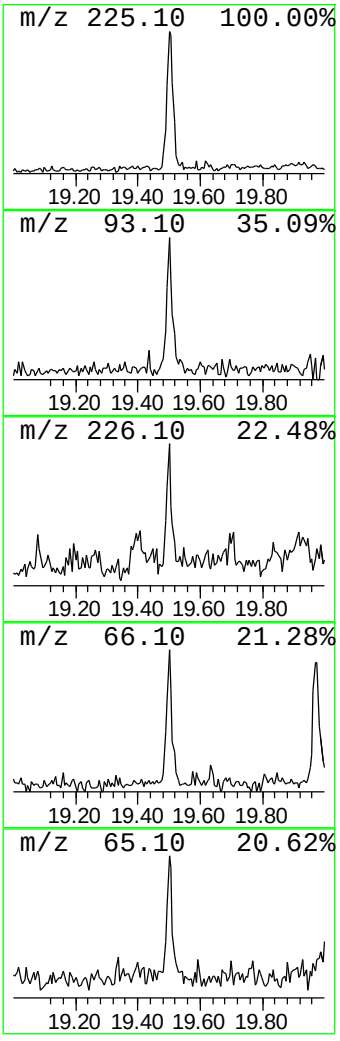
Peak Number 13 Drometrizole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.63 ng/ul	251442	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Drometrizole	225	C13H11N3O	002440-22-4	93
2	Drometrizole	225	C13H11N3O	002440-22-4	91
3	Drometrizole	225	C13H11N3O	002440-22-4	91
4	Drometrizole	225	C13H11N3O	002440-22-4	81
5	2-(2H-Benzotriazol-2-yl)-5-methy...	225	C13H11N3O	004998-48-5	60





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Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

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Quant Title : SVOA CALIBRATION

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

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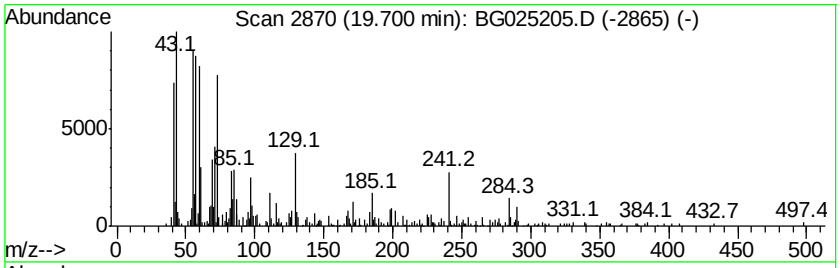
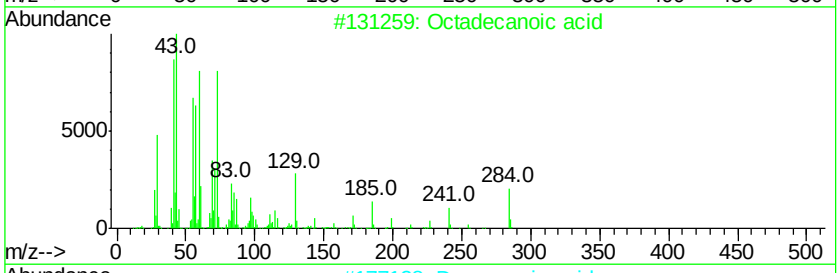
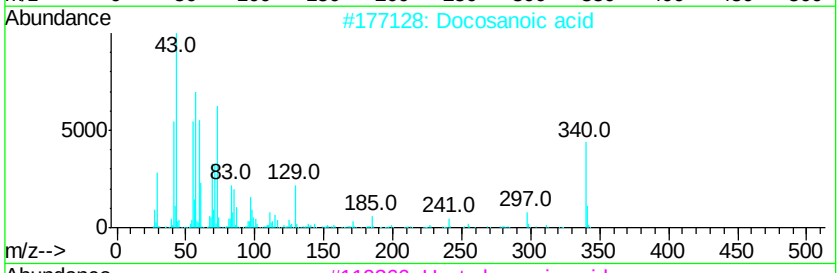
Peak Number 14 Octadecanoic acid Concentration Rank 14

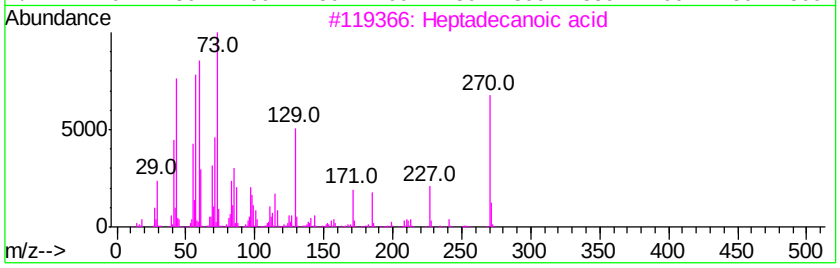
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	3.08 ng/ul	293926	Phenanthrene-d10	17.60

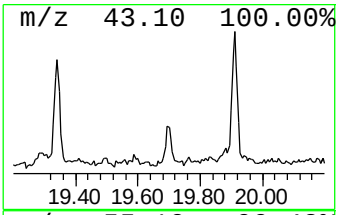
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Docosanoic acid	340	C22H44O2	000112-85-6	91
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	90
4	Heptadecanoic acid	270	C17H34O2	000506-12-7	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90

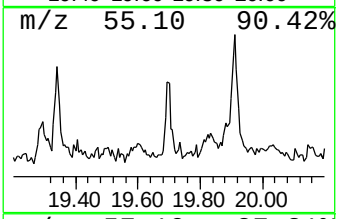


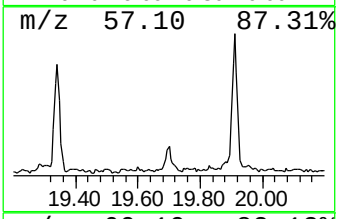


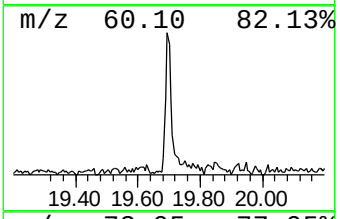


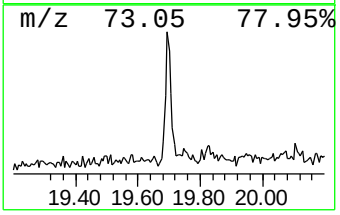












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Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

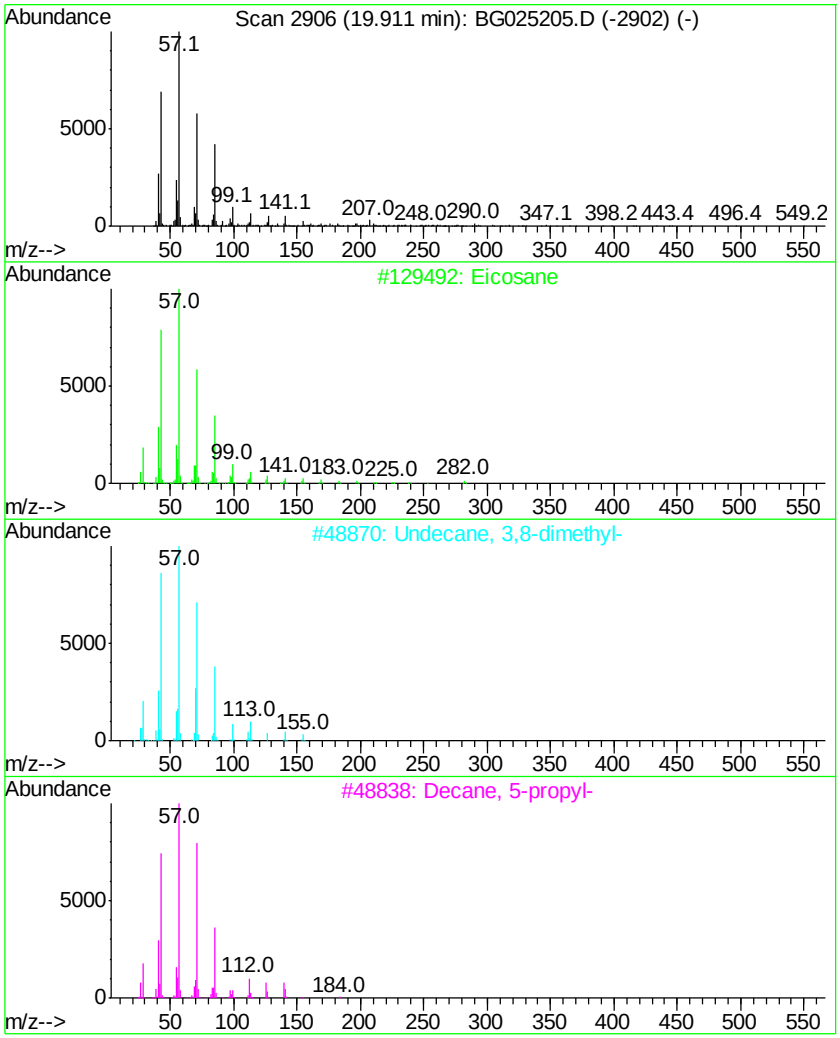
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

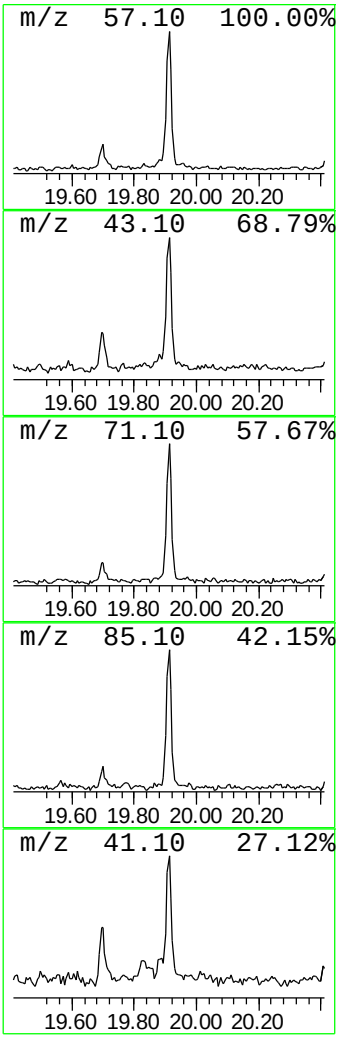
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	4.29 ng/ul	462655	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86
3	Decane, 5-propyl-	184	C13H28	017312-62-8	70
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64
5	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

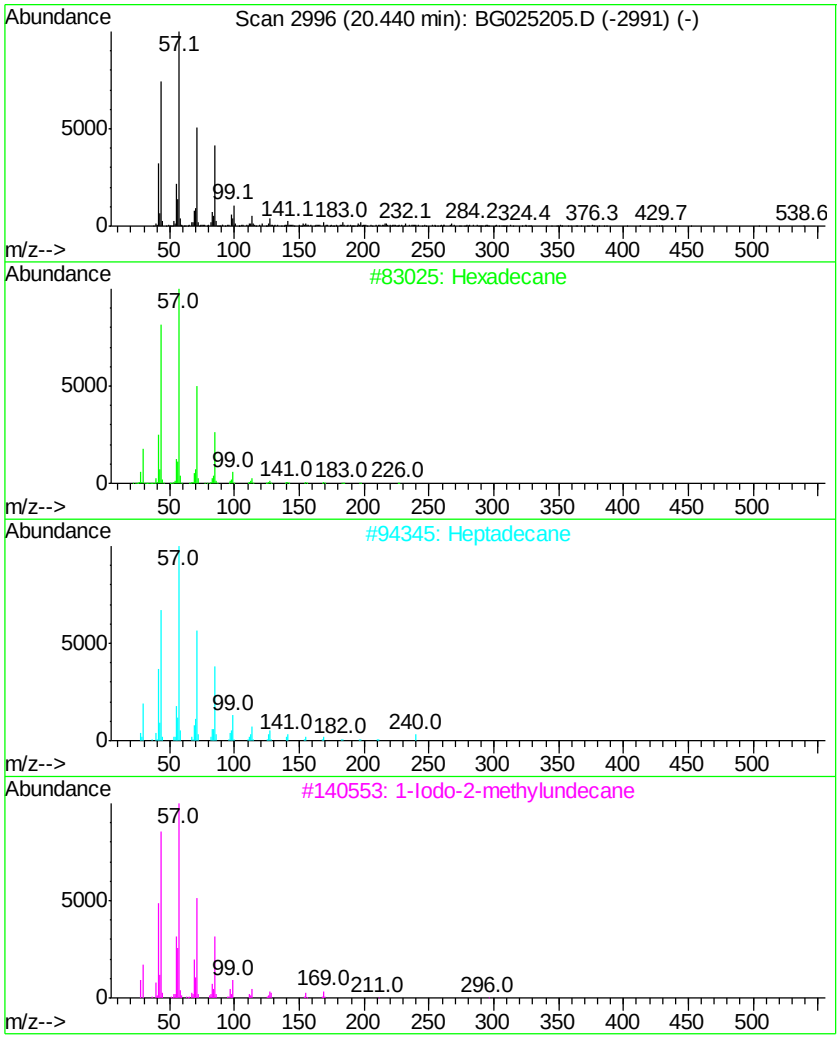
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

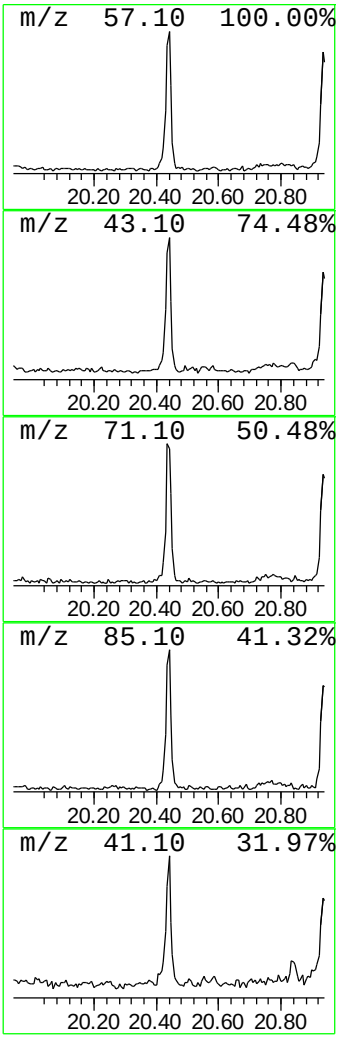
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	6.44 ng/ul	694337	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

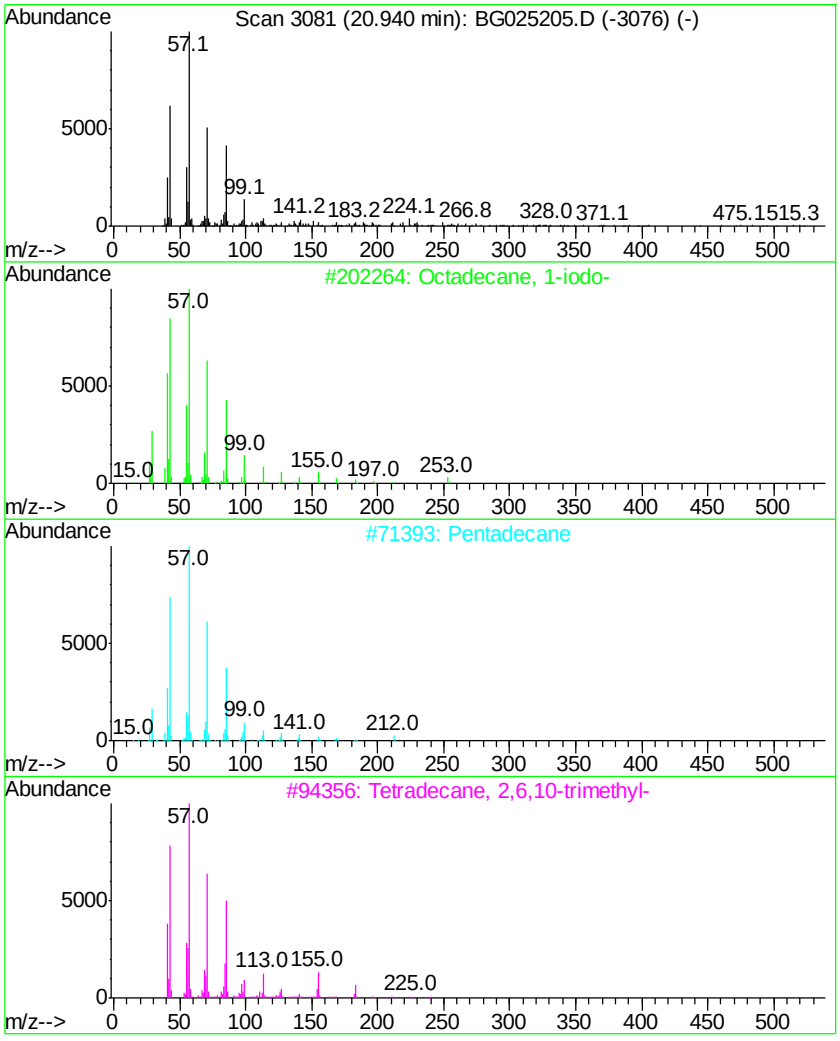
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

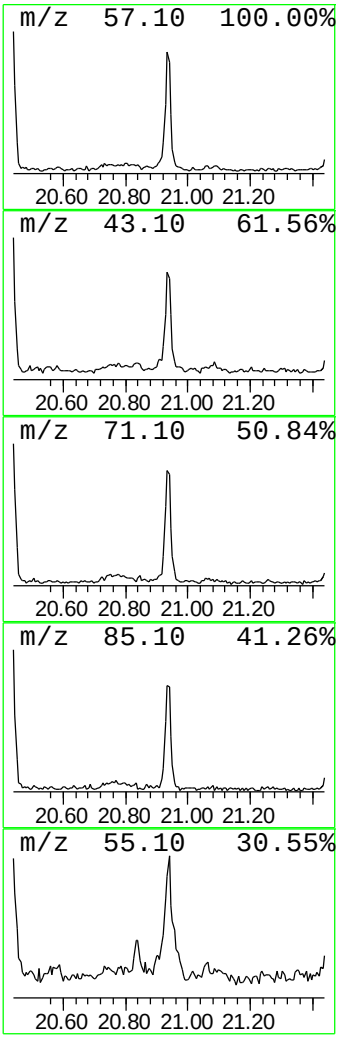
****

Peak Number 17 Octadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	8.78 ng/ul	946568	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
2	Pentadecane	212	C15H32	000629-62-9	80
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Tetradecane	198	C14H30	000629-59-4	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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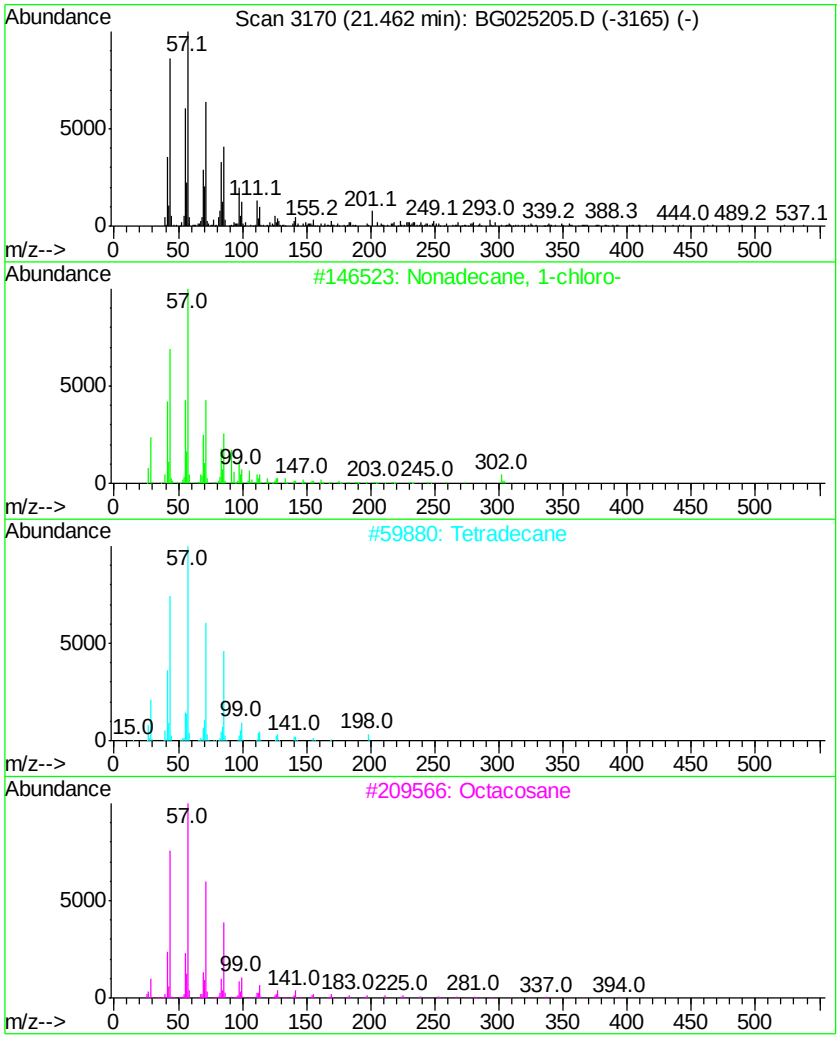
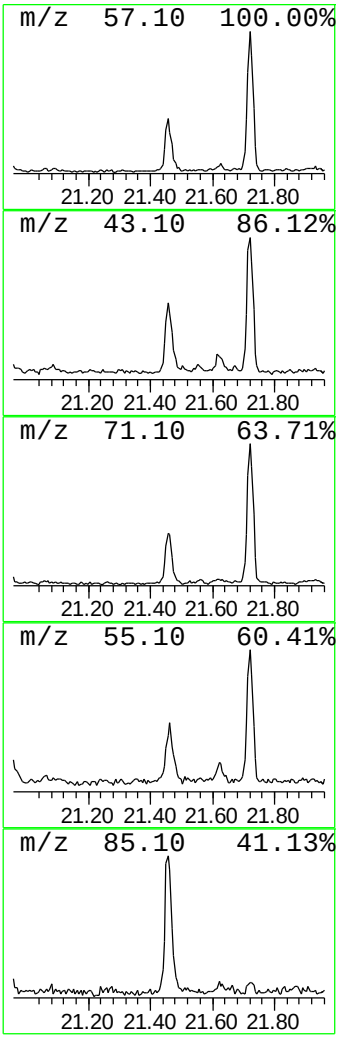
Peak Number 18 Nonadecane, 1-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	6.03 ng/ul	650255	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Octacosane	394	C28H58	000630-02-4	81
4	Tetradecane	198	C14H30	000629-59-4	76
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

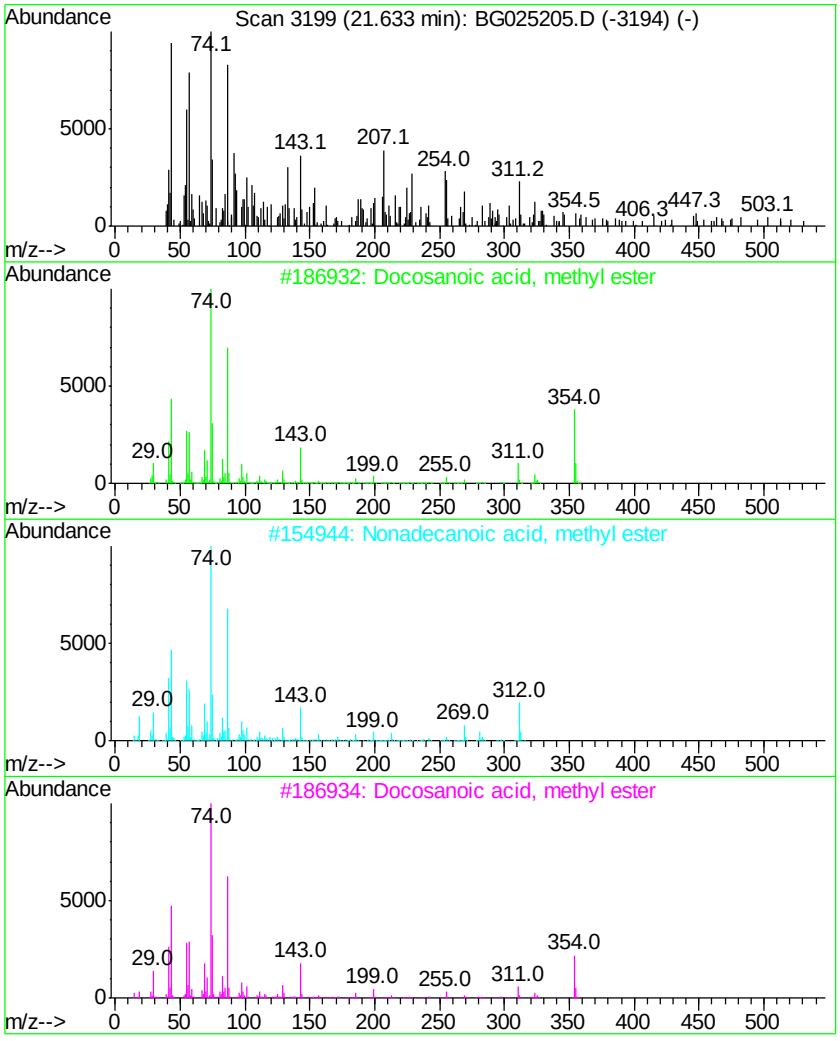
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

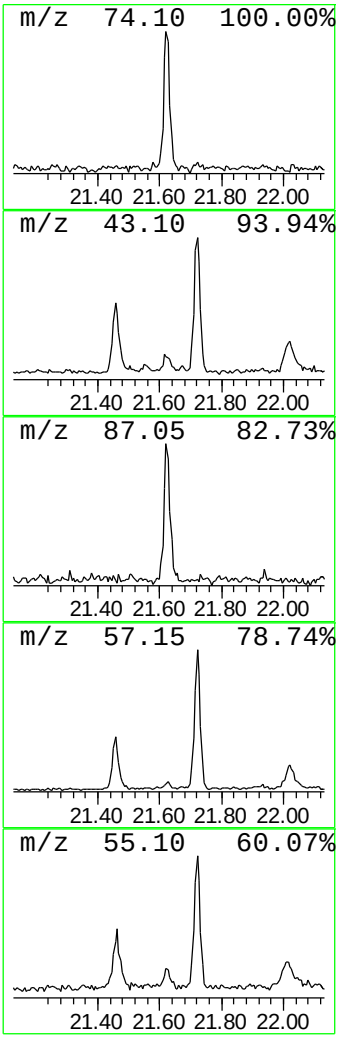
****

Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	2.21 ng/ul	237752	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	81
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	76
3	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	76
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	76
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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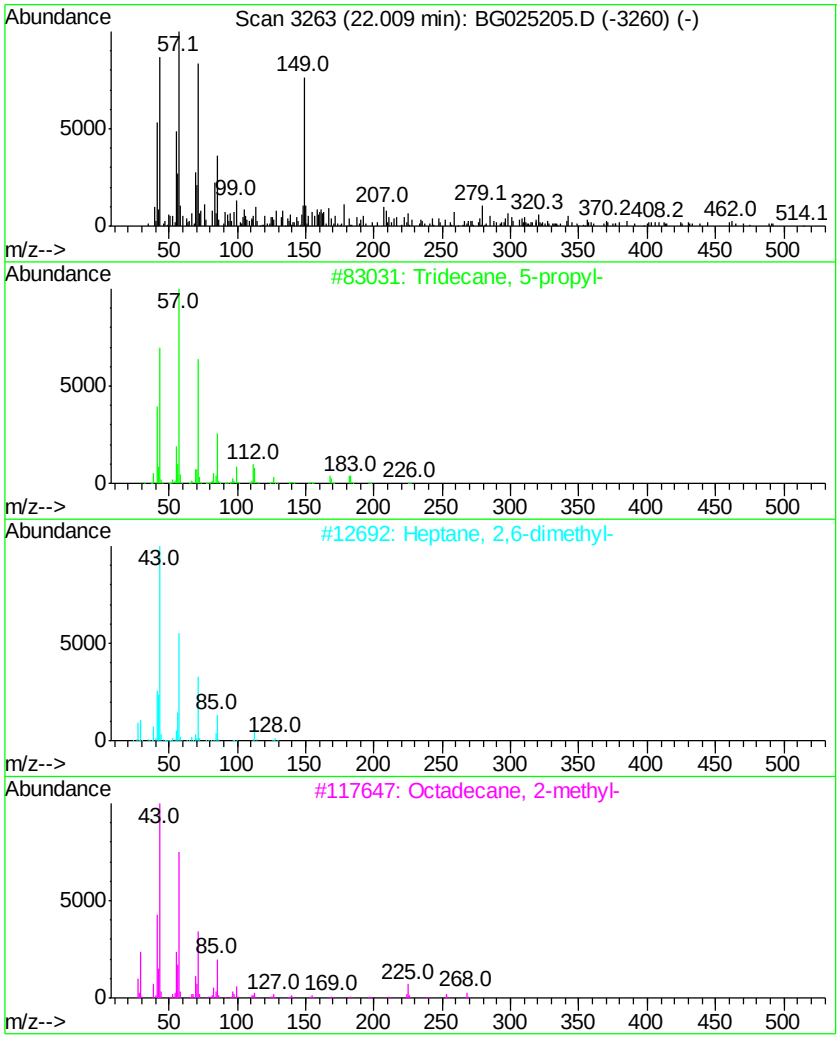
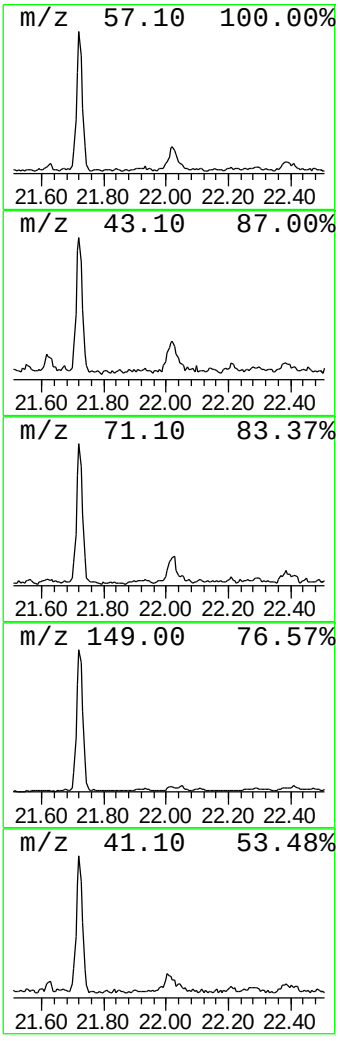
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	3.78 ng/ul	407886	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	60
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	38
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	38
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	38
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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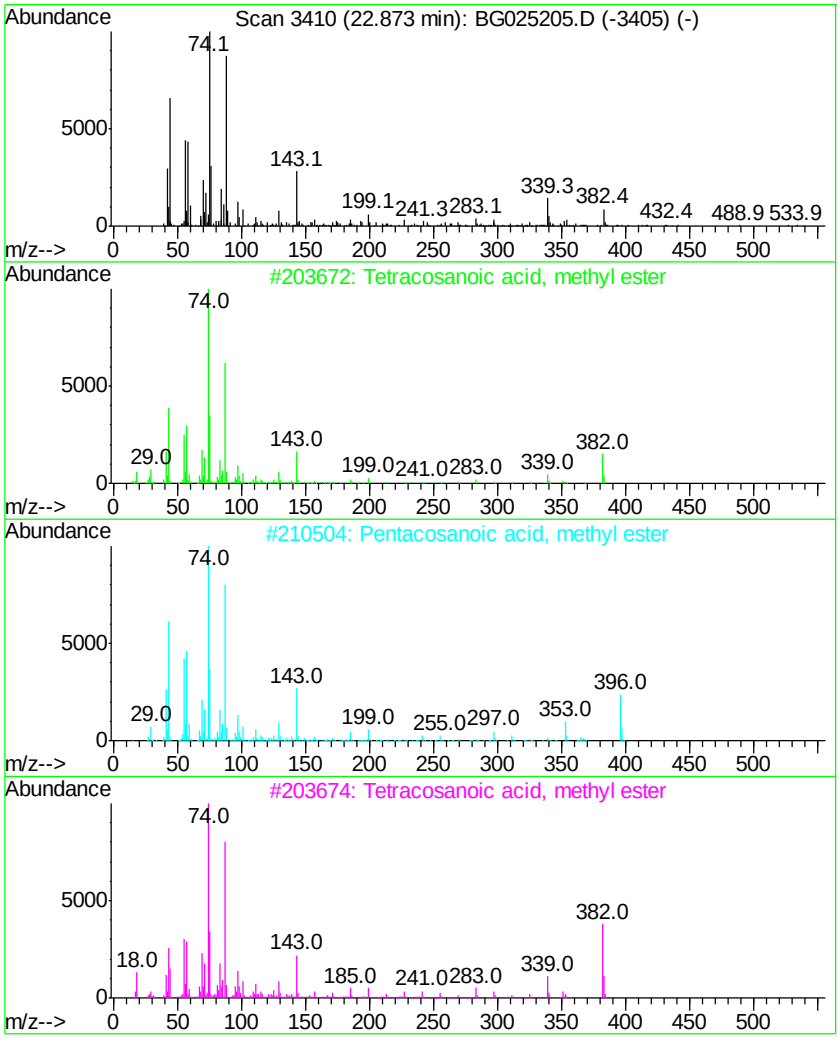
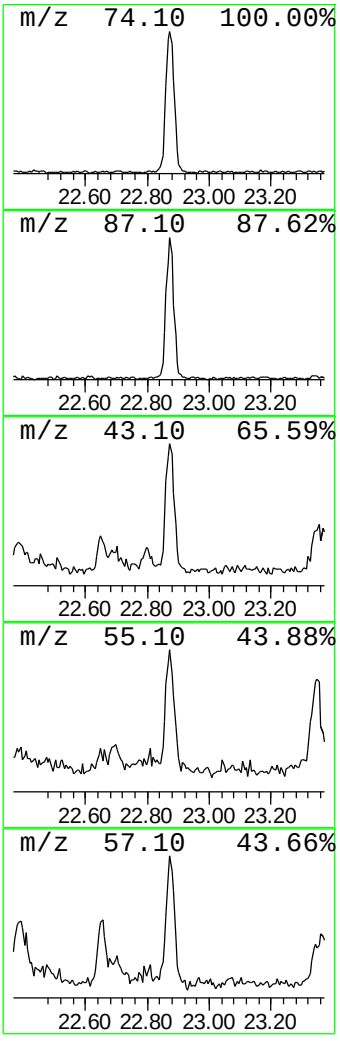
Peak Number 21 Tetracosanoic acid, methyl ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	6.12 ng/ul	659140	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	95
2	Pentacosanoic acid, methyl ester	396	C26H52O2	055373-89-2	93
3	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	93
4	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	91
5	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

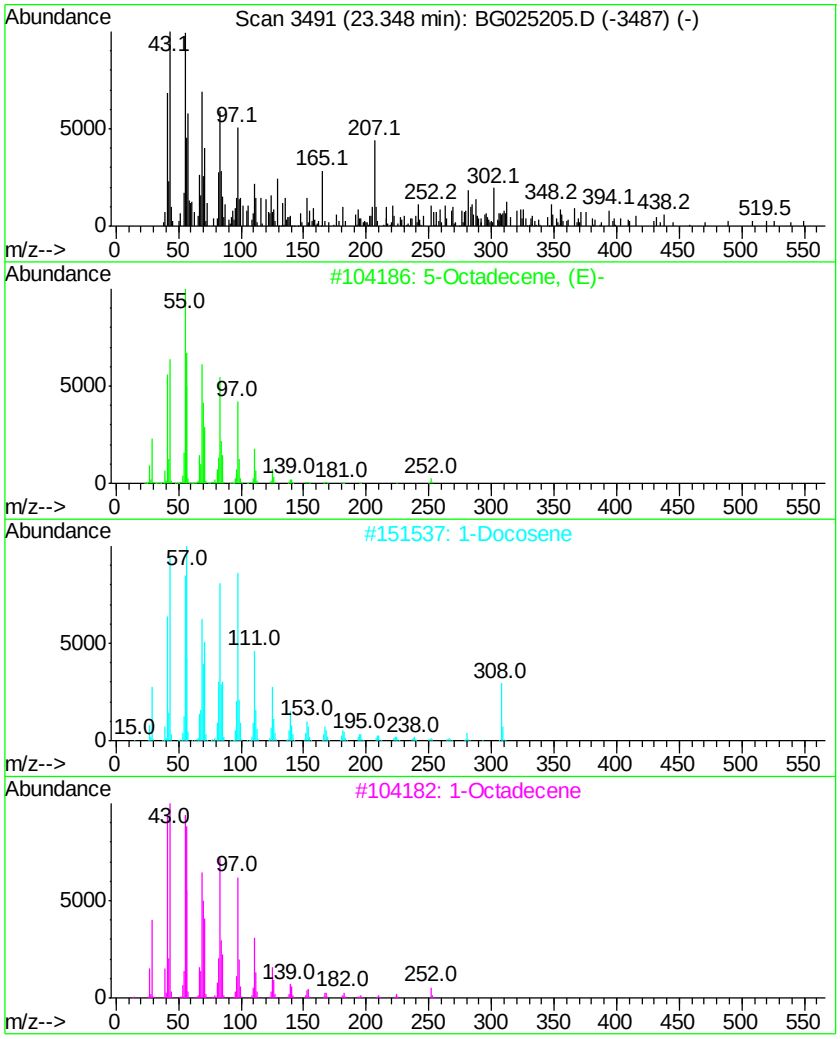
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

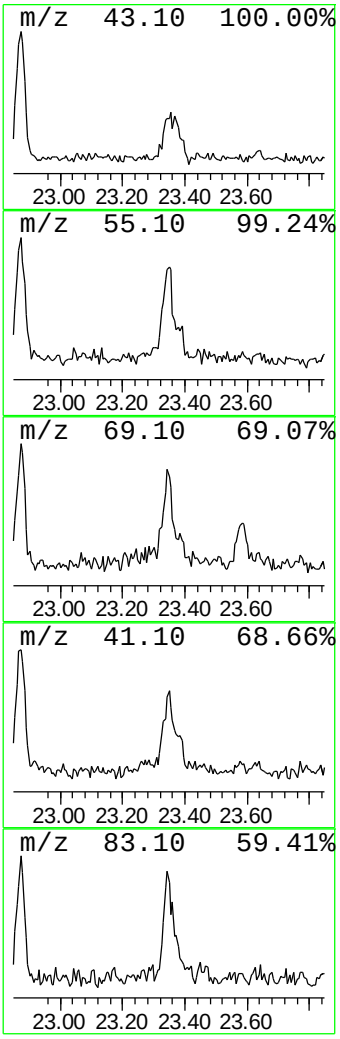
****

Peak Number 22 (DEL) Alkane: Cyclic23.35 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	4.94 ng/ul	532257	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	47
2	1-Docosene	308	C22H44	001599-67-3	47
3	1-Octadecene	252	C18H36	000112-88-9	43
4	Erucic acid	338	C22H42O2	000112-86-7	35
5	E-7-Octadecene	252	C18H36	1000130-92-0	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

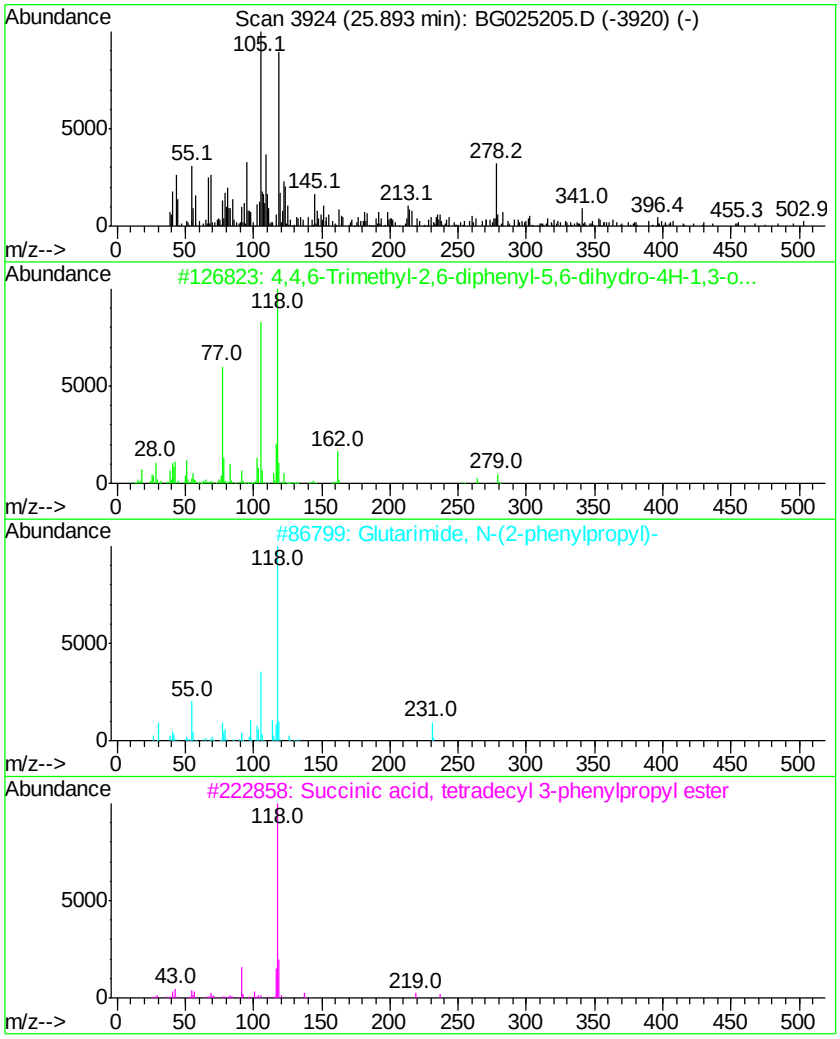
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

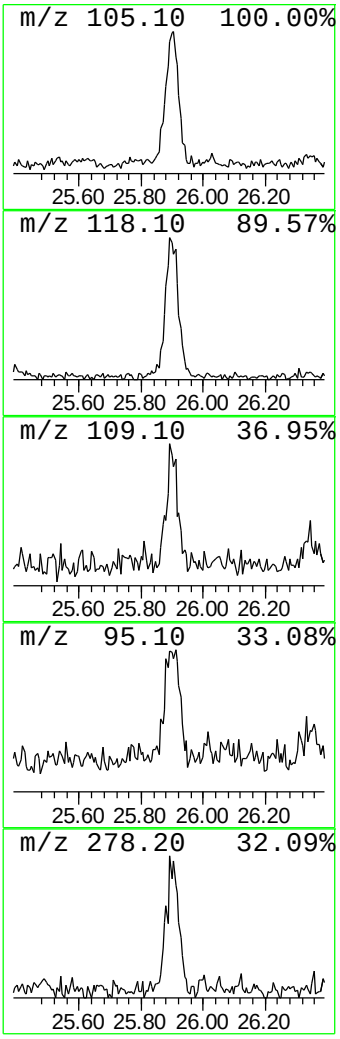
****

Peak Number 23 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.89	5.40 ng/ul	497969	Perylene-d12	25.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4,6-Trimethyl-2,6-diphenyl-5,6...	279	C19H21NO	091875-66-0	30
2	Glutarimide, N-(2-phenylpropyl)-	231	C14H17NO2	1000360-83-4	27
3	Succinic acid, tetradecyl 3-phen...	432	C27H44O4	1000325-01-4	27
4	3-Methoxybenzoic acid, 3-phenylp...	270	C17H18O3	1000293-44-5	27
5	Hex-1-ene,2,5-diphenyl-	236	C18H20	032375-29-4	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025205.D
Acq On : 15 Dec 2016 10:03
Operator : UM/SJ
Sample : H5938-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA823

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
Hexanoic acid, 2-...	9.49	2.0	ng/ul	61438	1	8.23	611958	20.0
1,2,4-Trimethoxyb...	14.19	2.5	ng/ul	184419	3	14.86	1479800	20.0
5-tert-Butylpyrog...	14.98	3.6	ng/ul	267069	3	14.86	1479800	20.0
unknown-01	15.23	2.8	ng/ul	208400	3	14.86	1479800	20.0
4-Propyl-1,1'-dip...	15.77	6.6	ng/ul	491065	3	14.86	1479800	20.0
Naphthalene, 1,6-...	16.54	2.4	ng/ul	232251	4	17.60	1910940	20.0
Ethanone, 1-(4-hy...	16.87	2.5	ng/ul	243317	4	17.60	1910940	20.0
(DEL) Alkane: Cyc...	17.93	9.3	ng/ul	892458	4	17.60	1910940	20.0
(DEL) Alkane: Str...	18.03	2.7	ng/ul	261841	4	17.60	1910940	20.0
Tridecanoic acid	18.44	7.9	ng/ul	755004	4	17.60	1910940	20.0
(DEL) Alkane: Str...	18.72	2.7	ng/ul	255253	4	17.60	1910940	20.0
(DEL) Alkane: Str...	19.34	4.2	ng/ul	398165	4	17.60	1910940	20.0
Drometrizole	19.50	2.6	ng/ul	251442	4	17.60	1910940	20.0
Octadecanoic acid	19.70	3.1	ng/ul	293926	4	17.60	1910940	20.0
(DEL) Alkane: Str...	19.91	4.3	ng/ul	462655	5	21.90	2155360	20.0
(DEL) Alkane: Str...	20.44	6.4	ng/ul	694337	5	21.90	2155360	20.0
Octadecane, 1-iodo-	20.94	8.8	ng/ul	946568	5	21.90	2155360	20.0
Nonadecane, 1-chl...	21.46	6.0	ng/ul	650255	5	21.90	2155360	20.0
Docosanoic acid, ...	21.63	2.2	ng/ul	237752	5	21.90	2155360	20.0
(DEL) Alkane: Str...	22.01	3.8	ng/ul	407886	5	21.90	2155360	20.0
Tetracosanoic aci...	22.87	6.1	ng/ul	659140	5	21.90	2155360	20.0
(DEL) Alkane: Cyc...	23.35	4.9	ng/ul	532257	5	21.90	2155360	20.0
unknown-02	25.89	5.4	ng/ul	497969	6	25.32	1845920	20.0