LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.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	3.567	119	124	127	rBV6	21619	32685	0.14%	0.016%
2	4.589	292	298	304	rVB10	14975	32491	0.14%	0.016%
3	4.883	341	348	355	rBV6	24022	45669	0.19%	0.022%
4	7.256	745	752	761	rBV	178944	347130	1.48%	0.168%
5	7.415	770	779	785	rBV	165555	277452	1.18%	0.135%
6	7.550	796	802	809	rBV6	29137	59655	0.25%	0.029%
7	7.626	809	815	825	rVB2	188317	348322	1.49%	0.169%
8	8.096	886	895	905	rBV	334450	586311	2.50%	0.284%
9	8.208	905	914	919	rBV10	27050	67702	0.29%	0.033%
10	8.819	1011	1018	1026	rBV	209599	382614	1.63%	0.186%
11	9.153	1072	1075	1082	rBV7	16847	29265	0.12%	0.014%
12	9.277	1089	1096	1100	rBV2	192959	354180	1.51%	0.172%
13	9.324	1100	1104	1113	rVV	289057	525687	2.24%	0.255%
14	9.588	1145	1149	1156	rVB3	23864	34289	0.15%	0.017%
15	10.005	1211	1220	1228	rBV2	184157	351559	1.50%	0.171%
16	10.193	1241	1252	1256	rBV9	17013	42704	0.18%	0.021%
17	10.563	1307	1315	1323	rBV	234542	468484	2.00%	0.227%
18	10.933	1369	1378	1390	rBV	484281	1012535	4.32%	0.491%
19	11.074	1395	1402	1414	rBV3	145593	329411	1.41%	0.160%
20	11.256	1426	1433	1438	rBV2	23996	54200	0.23%	0.026%
21	11.585	1483	1489	1497	rBV8	18065	44107	0.19%	0.021%
22	11.709	1504	1510	1517	rBV2	107017	222263	0.95%	0.108%
23	11.844	1529	1533	1542	rBV10	16680	33057	0.14%	0.016%
24	12.390	1618	1626	1633	rBV	78886	154513	0.66%	0.075%
25	13.025	1729	1734	1738	rBV4	52683	97657	0.42%	0.047%
26	13.095	1743	1746	1757	rVB4	41131	94674	0.40%	0.046%
27	13.342	1784	1788	1795	rVB2	53729	82088	0.35%	0.040%
28	13.636	1832	1838	1845	rVB2	74008	136754	0.58%	0.066%
29	13.700	1845	1849	1856	rBV6	21969	39709	0.17%	0.019%
30	14.164	1919	1928	1932	rBV	560545	813129	3.47%	0.395%
31	14.211	1932	1936	1943	rVB	320723	463640	1.98%	0.225%
32	14.393	1963	1967	1973	rBV7	30858	73411	0.31%	0.036%
33	14.464	1973	1979	1992	rVB	558792	912966	3.89%	0.443%
34	14.769	2023	2031	2039	rBV2	793768	1307443	5.58%	0.634%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Title : SVOA CALIBRATION

35	14.951	2058	2062	2067	rBV6	46905	76162	0.32%	0.037%
36	15.010	2067	2072	2082	rVB3	116316	244563	1.04%	0.119%
37	15.192	2094	2103	2116	rBV	1981692	3916510	16.71%	1.900%
38	15.410	2138	2140	2152	rVB9	29589	72352	0.31%	0.035%
39	15.539	2158	2162	2167	rBV	54477	76671	0.33%	0.037%
40	15.592	2167	2171	2175	rVB2	47679	68899	0.29%	0.033%
41	15.768	2194	2201	2209	rBV	723827	1120431	4.78%	0.544%
42	15.903	2218	2224	2231	rVV2	160635	259301	1.11%	0.126%
43	15.997	2237	2240	2245	rVB4	42536	61569	0.26%	0.030%
44	16.397	2303	2308	2313	rBV	80777	114314	0.49%	0.055%
45	16.455	2315	2318	2323	rVV2	47147	65527	0.28%	0.032%
46	16.561	2331	2336	2339	rBV	176605	274583	1.17%	0.133%
47	16.596	2339	2342	2349	rVB5	103365	162904	0.69%	0.079%
48	16.761	2366	2370	2379	rBV2	102629	191374	0.82%	0.093%
49	16.872	2385	2389	2391	rBV3	62834	89278	0.38%	0.043%
50	16.913	2391	2396	2411	rVB	1919187	3158819	13.47%	1.533%
51	17.254	2451	2454	2461	rVB5	47095	86757	0.37%	0.042%
52	17.407	2476	2480	2487	rBV7	40174	69265	0.30%	0.034%
53	17.466	2487	2490	2495	rBV5	45901	63381	0.27%	0.031%
54	17.530	2495	2501	2505	rBV2	1011701	1545717	6.59%	0.750%
55	17.589	2505	2511	2514	rVV2	475323	899921	3.84%	0.437%
56	17.630	2514	2518	2523	rVV	741206	1072939	4.58%	0.521%
57	17.677	2523	2526	2534	rVB	279677	370961	1.58%	0.180%
58	17.900	2560	2564	2566	rBV5	35051	48231	0.21%	0.023%
59	18.171	2608	2610	2618	rVB9	32620	54021	0.23%	0.026%
60	18.282	2625	2629	2634	rBV6	78655	147336	0.63%	0.071%
61	18.435	2645	2655	2676	rBV	8953709	20913918	89.20%	10.147%
62	18.899	2731	2734	2739	rBV5	78526	136433	0.58%	0.066%
63	18.952	2741	2743	2751	rVB4	140173	210578	0.90%	0.102%
64	19.069	2759	2763	2770	rBV2	167999	271023	1.16%	0.131%
65	19.269	2794	2797	2802	rVB6	65479	96031	0.41%	0.047%
66	19.322	2802	2806	2810	rBV3	78761	109253	0.47%	0.053%
67	19.469	2826	2831	2837	rVB3	120234	194973	0.83%	0.095%
68	19.533	2838	2842	2844	rBV	607684	811536	3.46%	0.394%
69	19.557	2844	2846	2848	rVV3	508184	648430	2.77%	0.315%
70	19.586	2848	2851	2857	rVB	883939	1277116	5.45%	0.620%
71	19.692	2862	2869	2888	rBV	8317320	14980842	63.90%	7.269%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Title : SVOA CALIBRATION

72	19.845	2891	2895	2899	rVB	472380	612590	2.61%	0.297%
73	19.921	2904	2908	2911	rVV	978229	1626450	6.94%	0.789%
74	19.951	2911	2913	2919	rVB	699680	865025	3.69%	0.420%
75	20.420	2989	2993	3003	rVB	868464	1117263	4.77%	0.542%
76	20.691	3035	3039	3043	rVB2	220496	274960	1.17%	0.133%
77	20.796	3053	3057	3060	rBV4	168963	249331	1.06%	0.121%
78	20.920	3073	3078	3089	rVB	3398738	4592954	19.59%	2.228%
79	21.031	3094	3097	3102	rVB2	129228	163271	0.70%	0.079%
80	21.225	3126	3130	3138	rVB2	160967	290529	1.24%	0.141%
81	21.419	3155	3163	3165	rBV	2886669	5946578	25.36%	2.885%
82	21.448	3165	3168	3171	rVV	5311200	7059754	30.11%	3.425%
83	21.484	3171	3174	3180	rVV	3366324	6572720	28.03%	3.189%
84	21.572	3180	3189	3194	rVV	11354748	23445032	100.00%	11.375%
85	21.631	3194	3199	3204	rVV	981846	1416001	6.04%	0.687%
86	21.707	3205	3212	3218	rVB	10103380	15078710	64.32%	7.316%
87	21.848	3229	3236	3241	rBV3	1139689	2143178	9.14%	1.040%
88	21.895	3241	3244	3251	rVB	318005	498027	2.12%	0.242%
89	22.012	3257	3264	3270	rBV	5799230	8605606	36.71%	4.175%
90	22.394	3327	3329	3334	rVB3	179308	240875	1.03%	0.117%
91	22.647	3365	3372	3378	rBV	5556958	9291358	39.63%	4.508%
92	23.058	3432	3442	3452	rVB	10643133	20830839	88.85%	10.107%
93	23.369	3486	3495	3510	rVB2	5119566	11129990	47.47%	5.400%
94	23.563	3523	3528	3539	rVB	571804	1137886	4.85%	0.552%
95	24.209	3624	3638	3651	rVB2	2812308	7106191	30.31%	3.448%
96	24.997	3766	3772	3779	rVB2	329934	804158	3.43%	0.390%
97	25.208	3798	3808	3822	rBV2	1649004	5276175	22.50%	2.560%
98	26.383	3999	4008	4024	rVB2	979371	3175505	13.54%	1.541%
99	27.810	4241	4251	4266	rVB2	607209	2232842	9.52%	1.083%
100	29.508	4533	4540	4541	rBV2	310750	502151	2.14%	0.244%

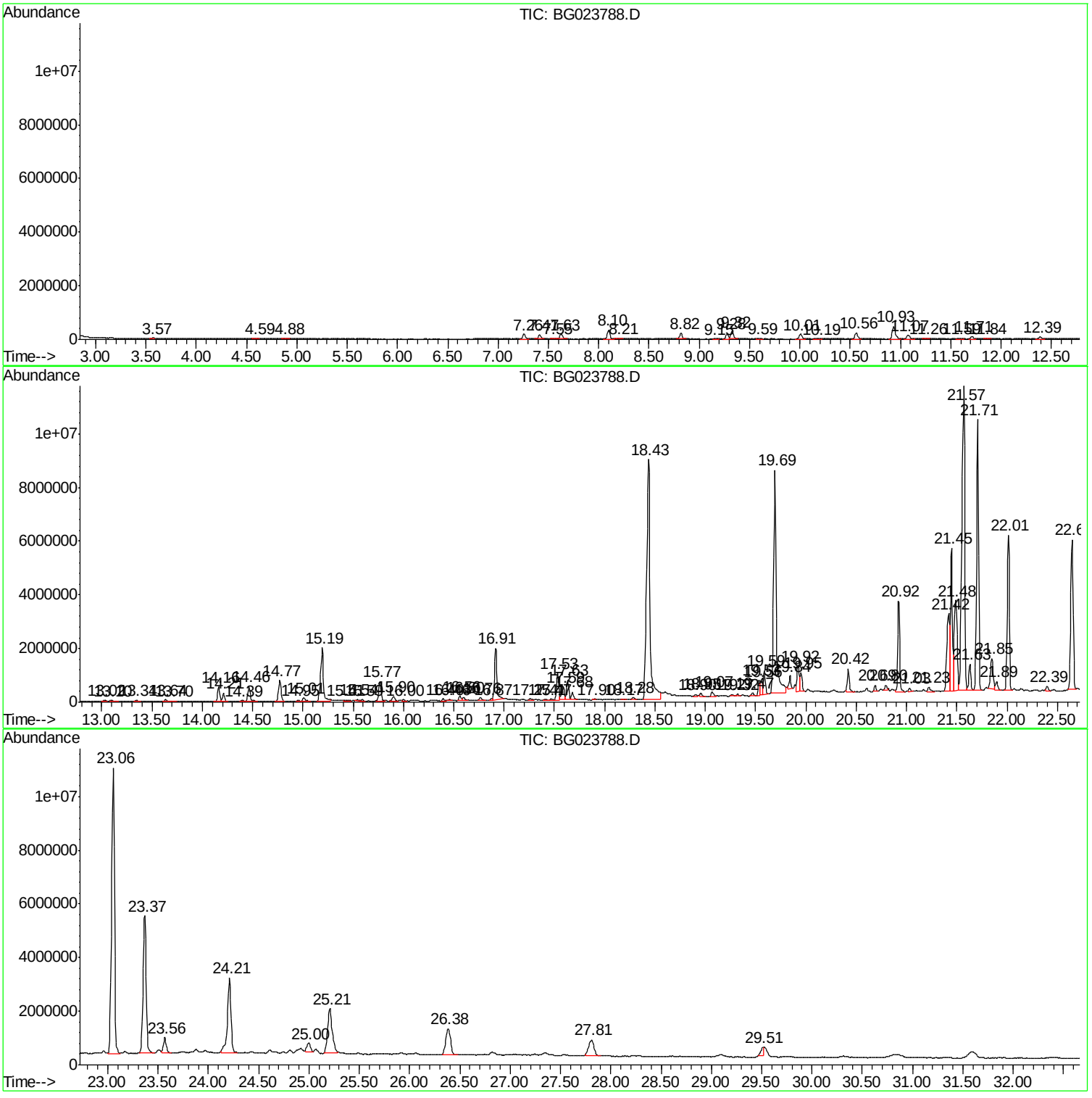
Sum of corrected areas: 206105624

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

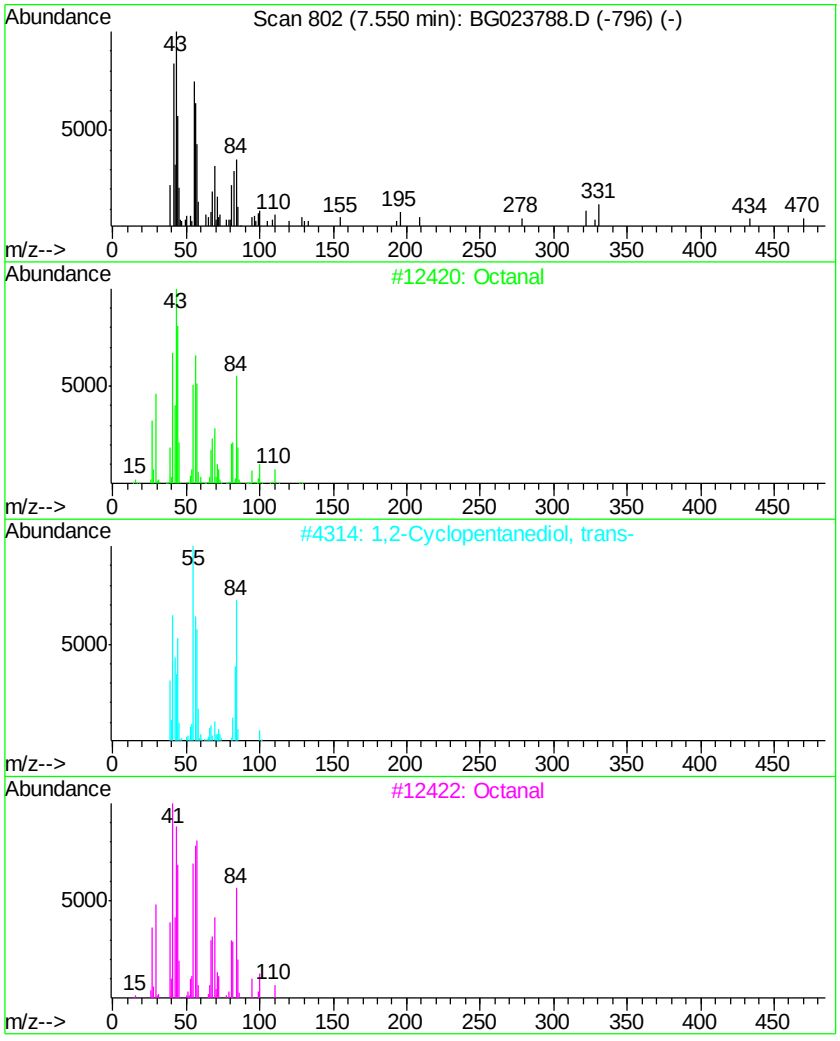
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

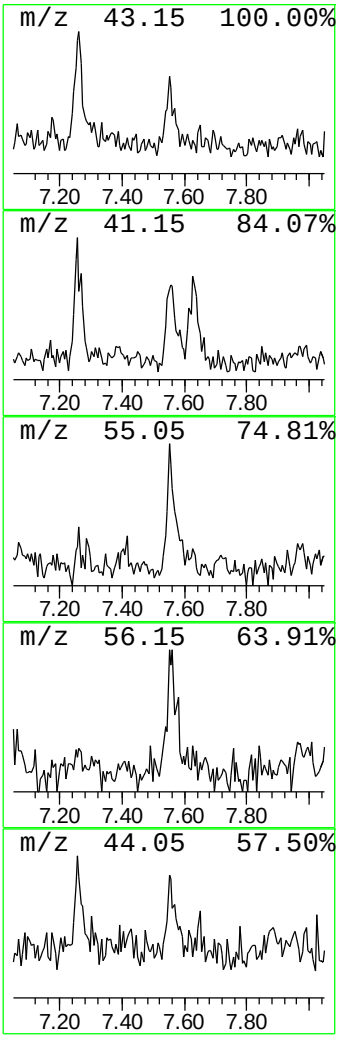
****

Peak Number 1 Octanal Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	2.03 ng/ul	59655	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	53
2	1,2-Cyclopentanediol, trans-	102	C5H10O2	005057-99-8	50
3	Octanal	128	C8H16O	000124-13-0	47
4	Octanal	128	C8H16O	000124-13-0	45
5	Octanal	128	C8H16O	000124-13-0	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

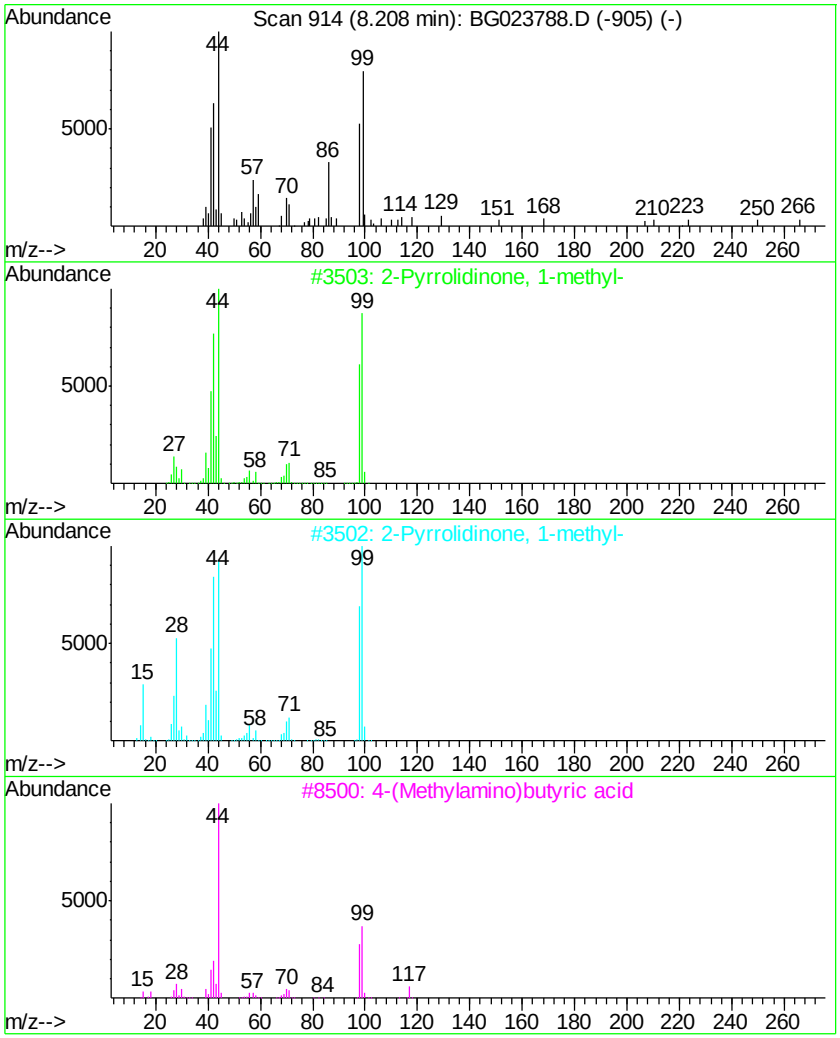
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

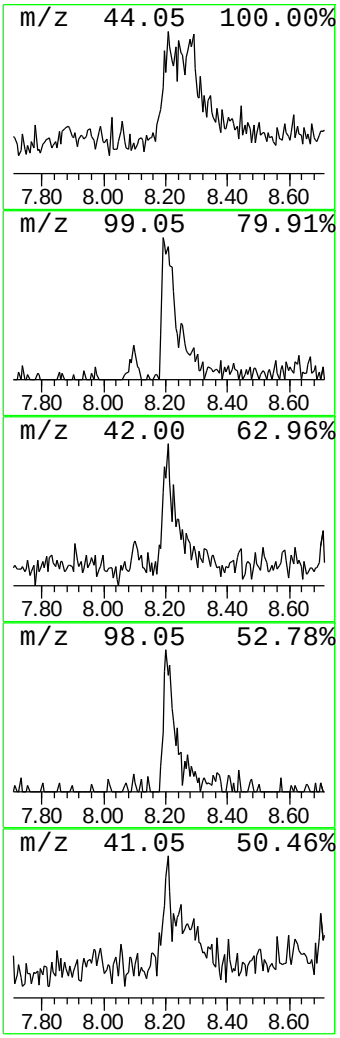
****

Peak Number 2 2-Pyrrolidinone, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	2.31 ng/ul	67702	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	74
2	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	58
3	4-(Methylamino)butyric acid	117	C5H11NO2	001119-48-8	53
4	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	52
5	Piperidine, 4-methyl-	99	C6H13N	000626-58-4	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

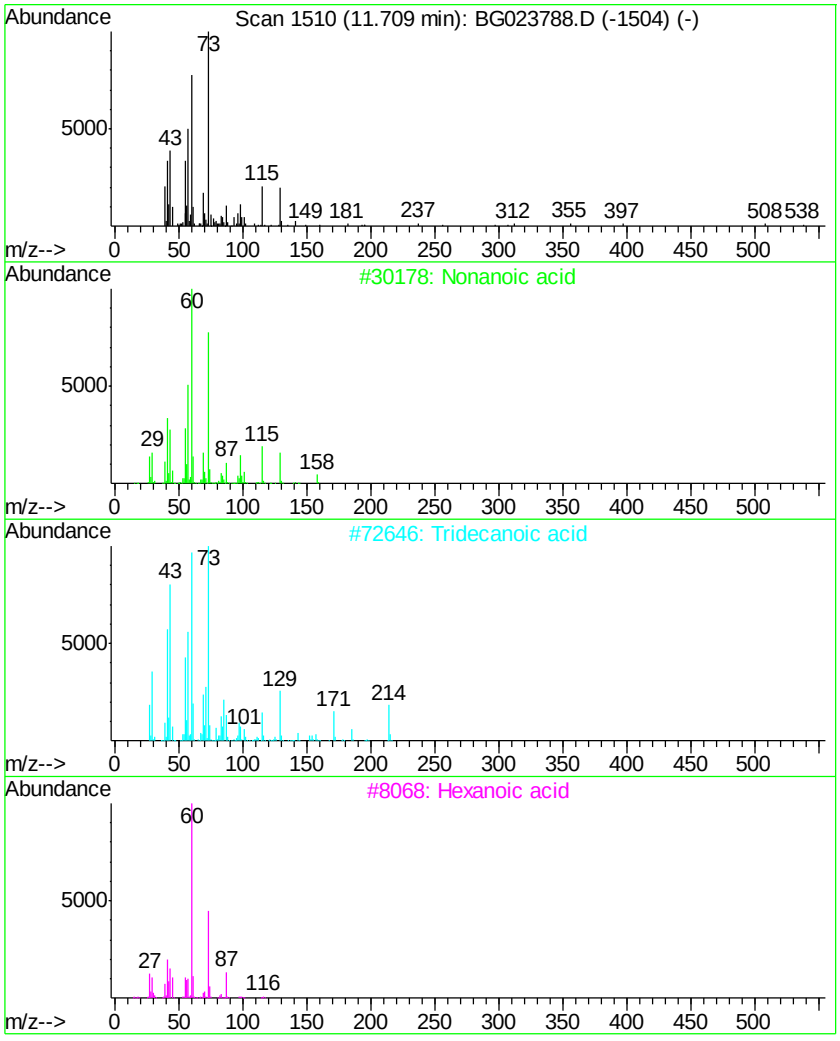
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

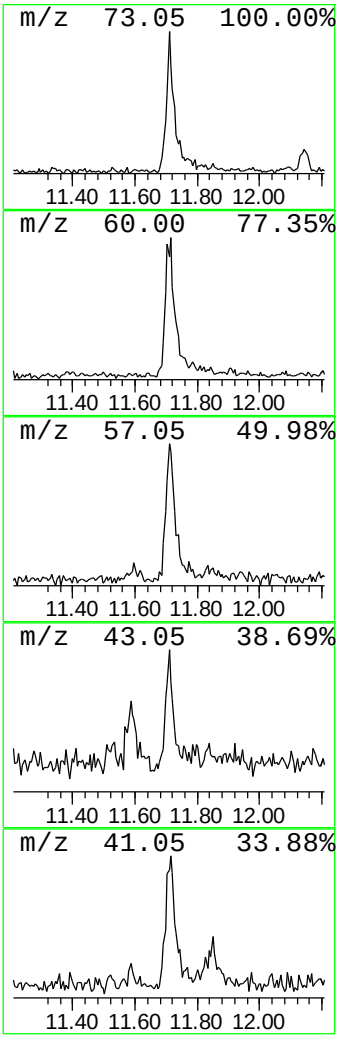
****

Peak Number 3 Nonanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	4.39 ng/ul	222263	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	72
2	Tridecanoic acid	214	C13H26O2	000638-53-9	56
3	Hexanoic acid	116	C6H12O2	000142-62-1	52
4	Hexanoic acid	116	C6H12O2	000142-62-1	50
5	Nonanoic acid	158	C9H18O2	000112-05-0	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

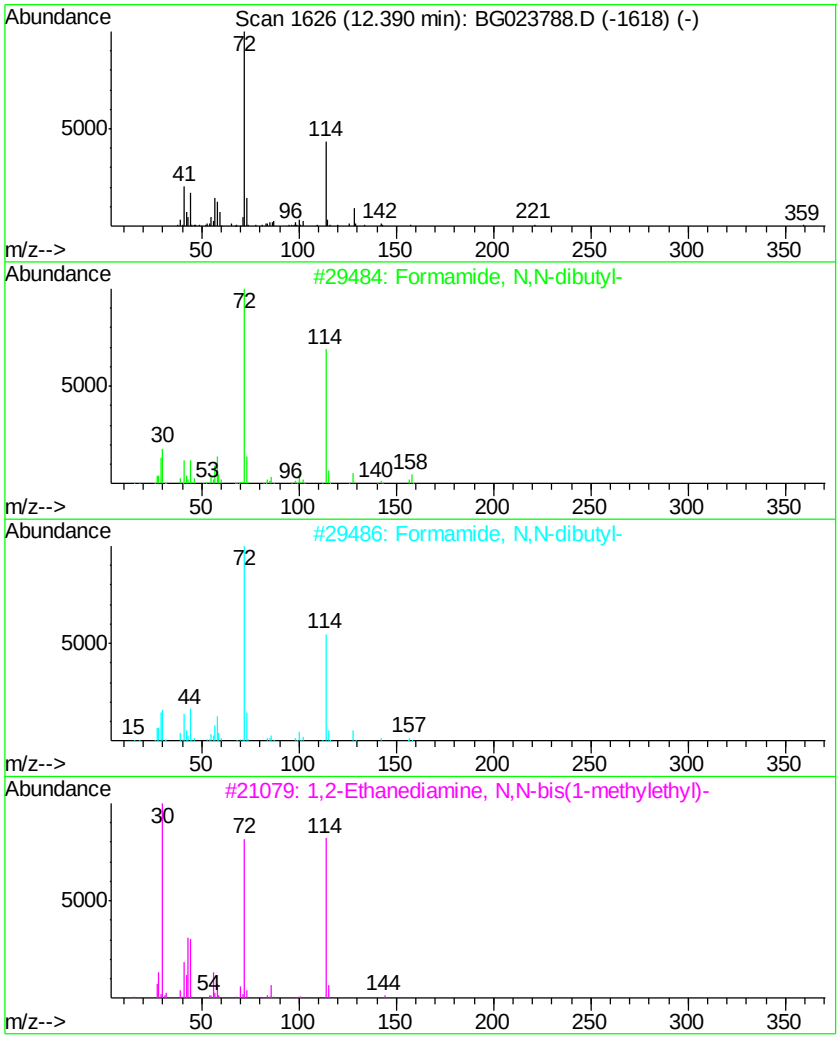
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

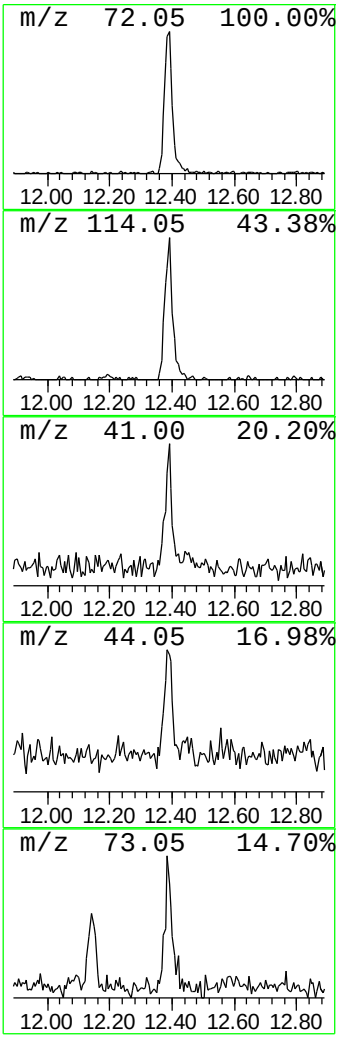
****

Peak Number 4 Formamide, N,N-dibutyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.05 ng/ul	154513	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dibutyl-	157	C9H19NO	000761-65-9	56
2	Formamide, N,N-dibutyl-	157	C9H19NO	000761-65-9	52
3	1,2-Ethanediamine, N,N-bis(1-met...	144	C8H20N2	000121-05-1	50
4	1-Butanamine, N-(1-methylethyl)-	115	C7H17N	039099-23-5	47
5	1-Propanamine, N-propyl-	101	C6H15N	000142-84-7	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

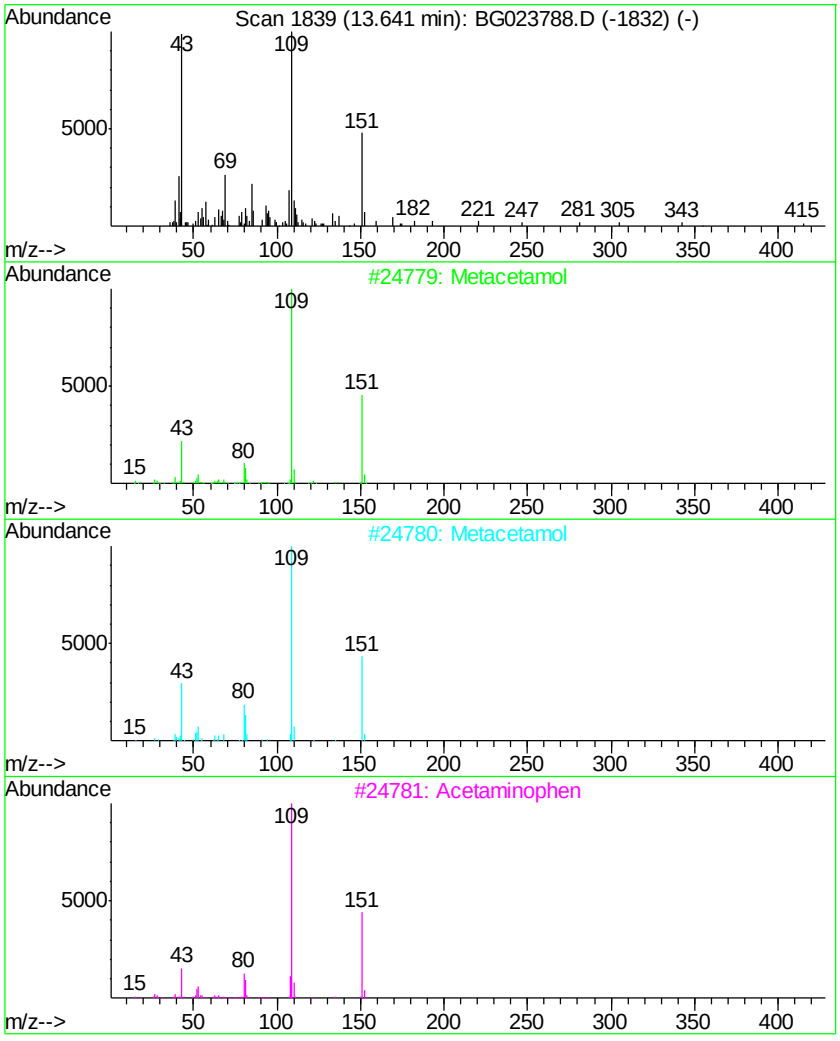
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

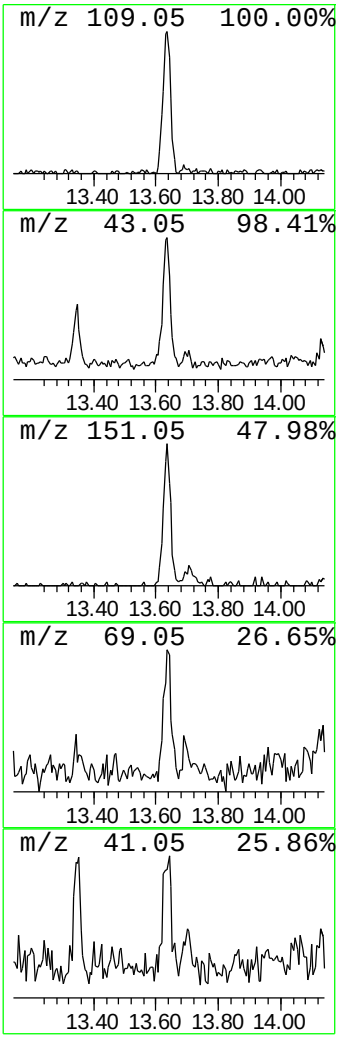
****

Peak Number 5 Metacetamol Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.09 ng/ul	136754	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Metacetamol	151	C8H9NO2	000621-42-1	64
2	Metacetamol	151	C8H9NO2	000621-42-1	64
3	Acetaminophen	151	C8H9NO2	000103-90-2	64
4	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53
5	1H-Pyrazole, 4-[4-(3-chloropheno...	278	C15H19ClN2O	1000302-33-9	50





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Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

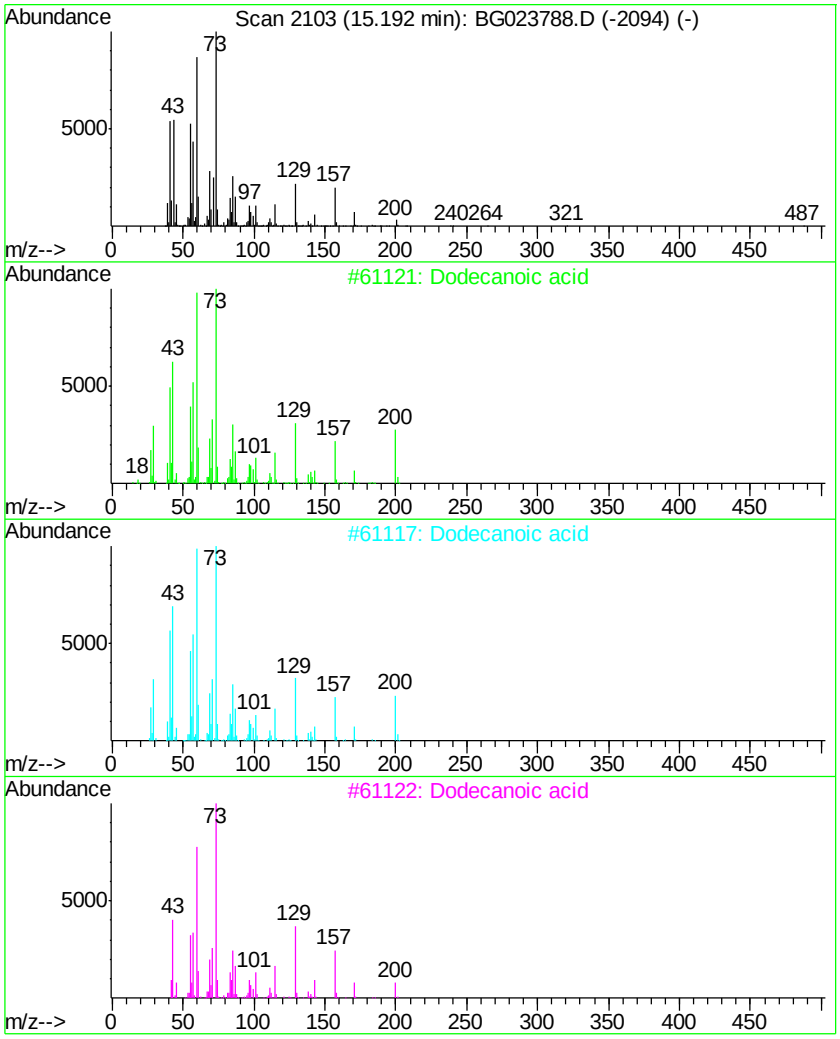
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

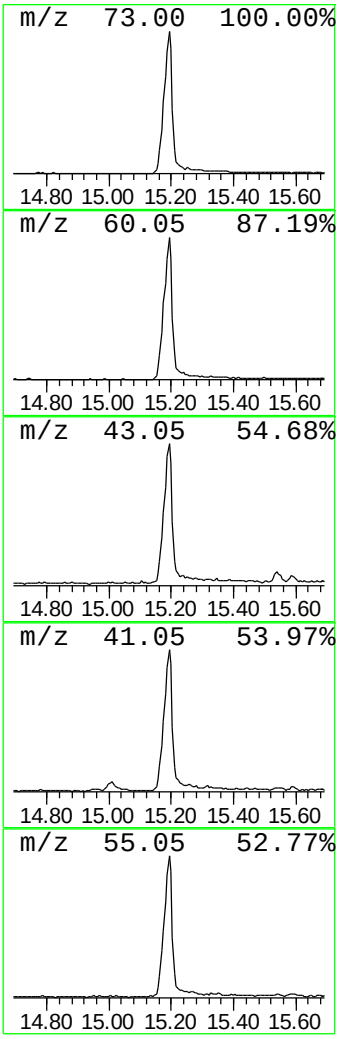
****

Peak Number 6 Dodecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	59.91 ng/ul	3916510	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	94
2	Dodecanoic acid	200	C12H24O2	000143-07-7	94
3	Dodecanoic acid	200	C12H24O2	000143-07-7	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

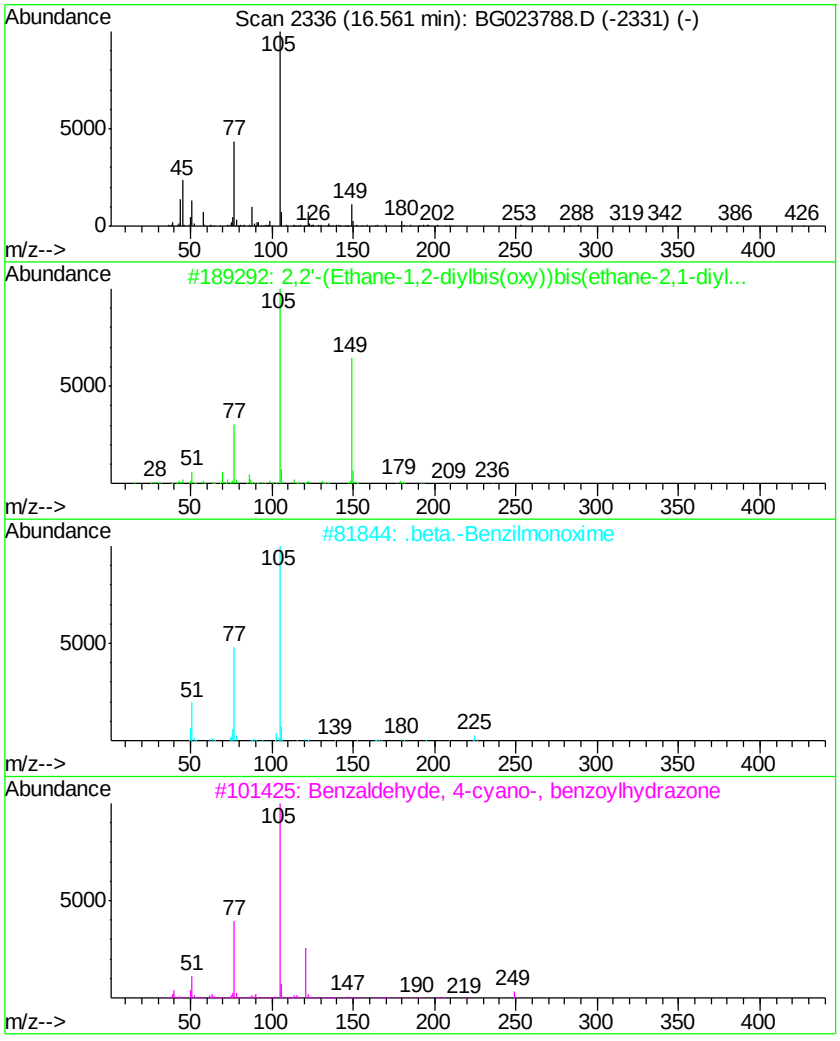
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

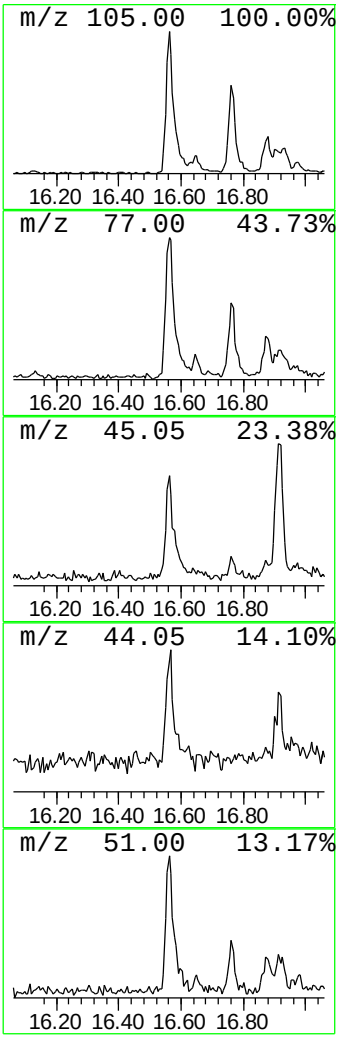
****

Peak Number 7 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	3.55 ng/ul	274583	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	59
2	.beta.-Benzilmonoxime	225	C14H11NO2	014090-77-8	59
3	Benzaldehyde, 4-cyano-, benzoylh...	249	C15H11N3O	195066-12-7	50
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5	cis-Cyclopentanecarboxylic acid,...	250	C13H14O3S	099397-53-2	47





Library Search Compound Report

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Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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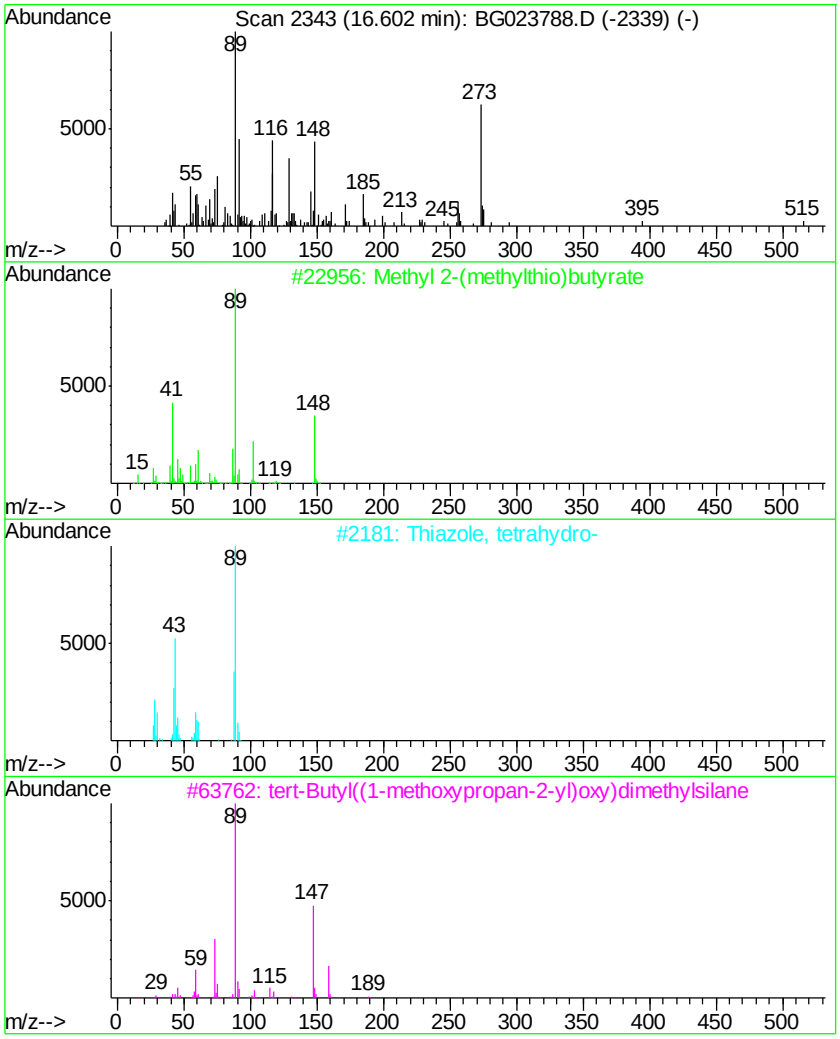
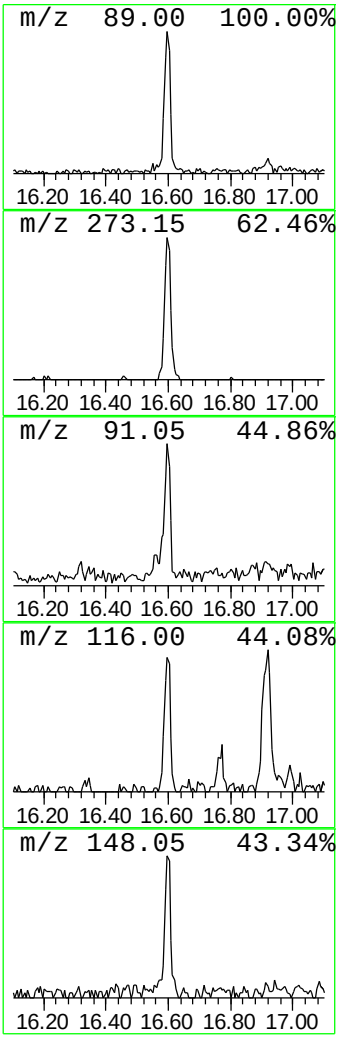
Peak Number 8 Methyl 2-(methylthio)butyrate Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.11 ng/ul	162904	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-(methylthio)butyrate	148	C6H12O2S	051534-66-8	53
2	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	47
3	tert-Butyl((1-methoxypropan-2-yl...	204	C10H24O2Si	1000378-33-7	38
4	Silane, ethylmethyl[[5-methyl-2-...	268	C16H32OSi	074841-60-4	38
5	2-Methylbutanoic acid, 3-(t-buty...	246	C12H26O3Si	096597-33-0	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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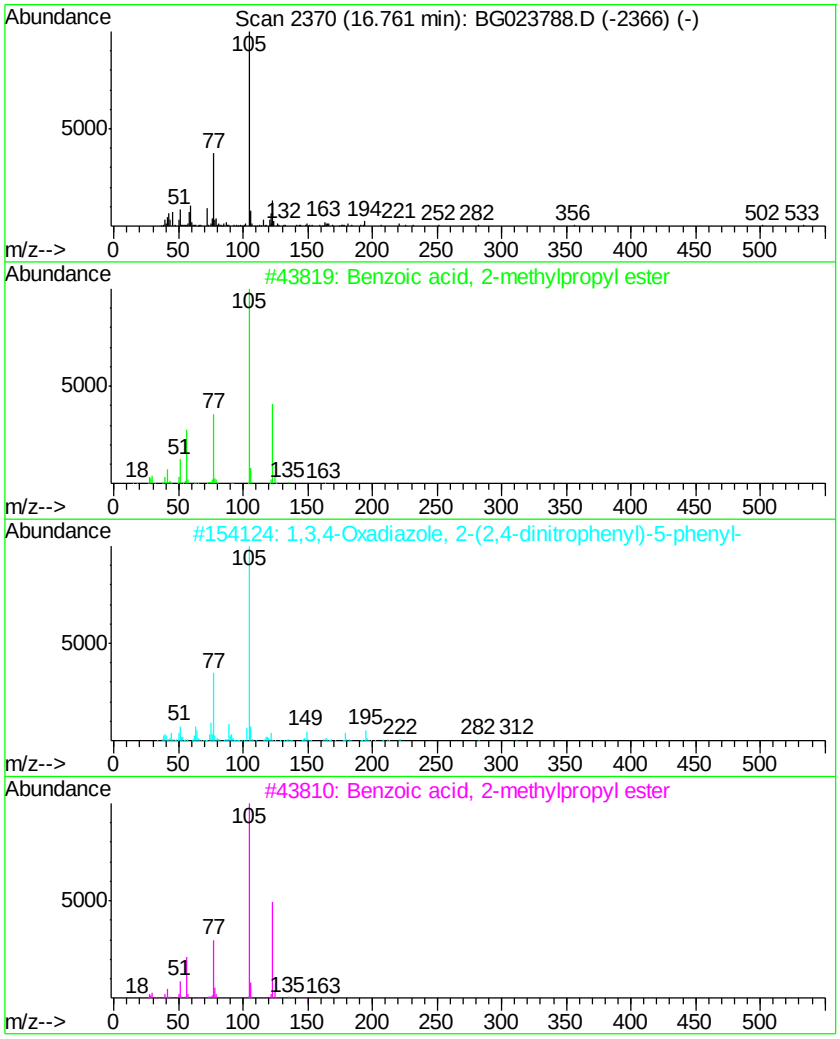
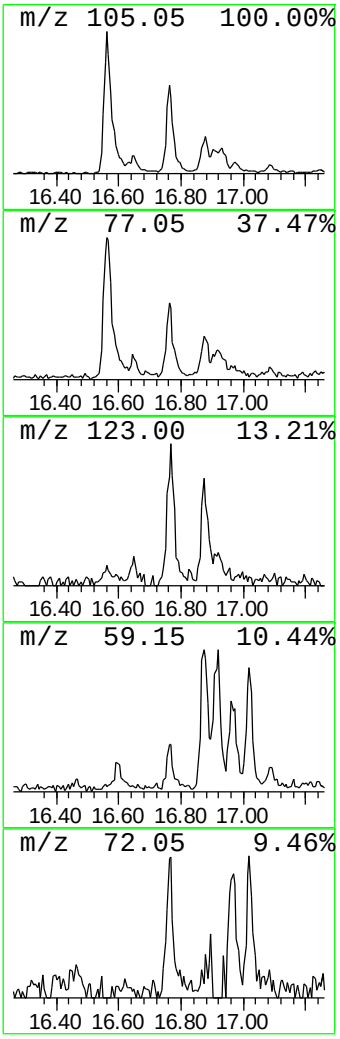
Peak Number 9 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.48 ng/ul	191374	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	43
2	1,3,4-Oxadiazole, 2-(2,4-dinitro...	312	C14H8N4O5	313276-21-0	43
3	Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	43
4	Acetic acid, nitroso-benzoyl-, e...	221	C11H11NO4	1000261-71-7	38
5	Benzoic acid, hex-3-yl ester	206	C13H18O2	1000367-94-6	38





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Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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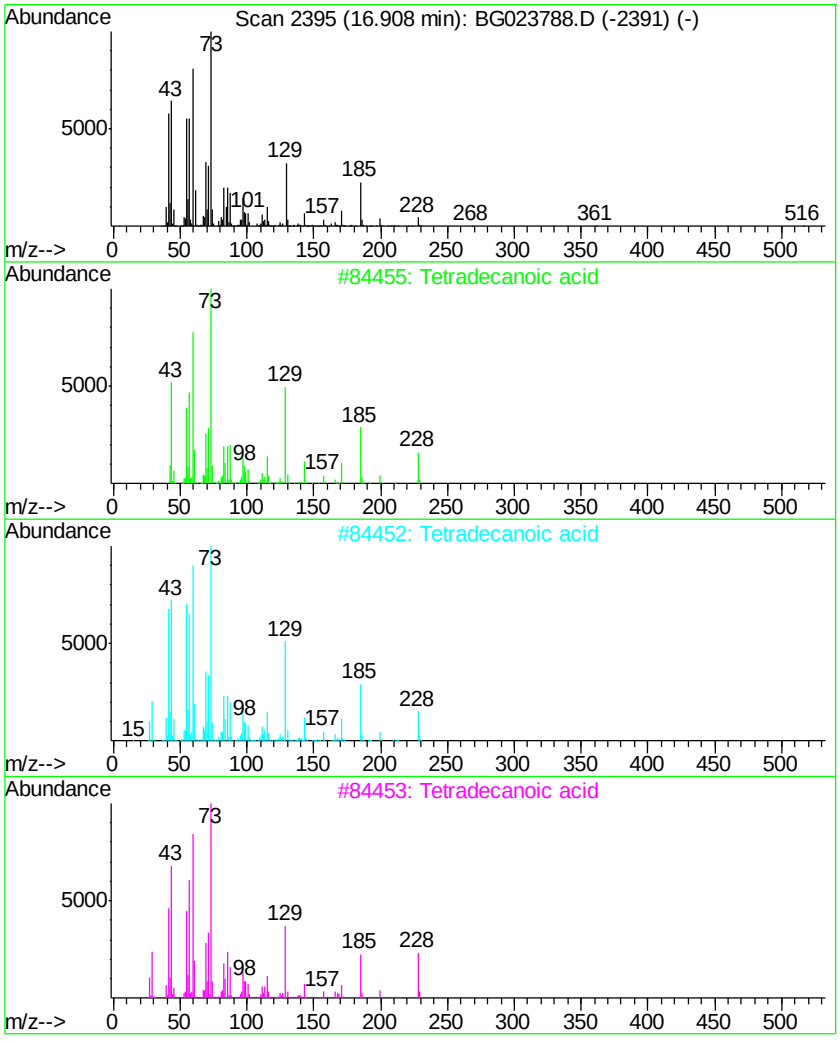
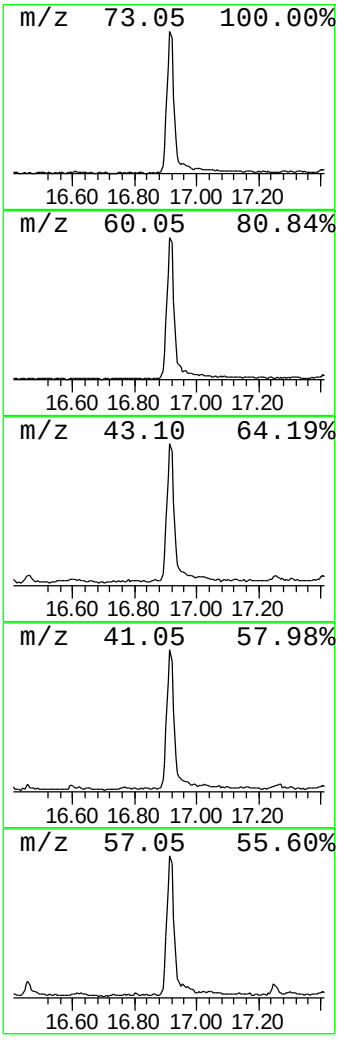
Peak Number 10 Tetradecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	40.87 ng/ul	3158820	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

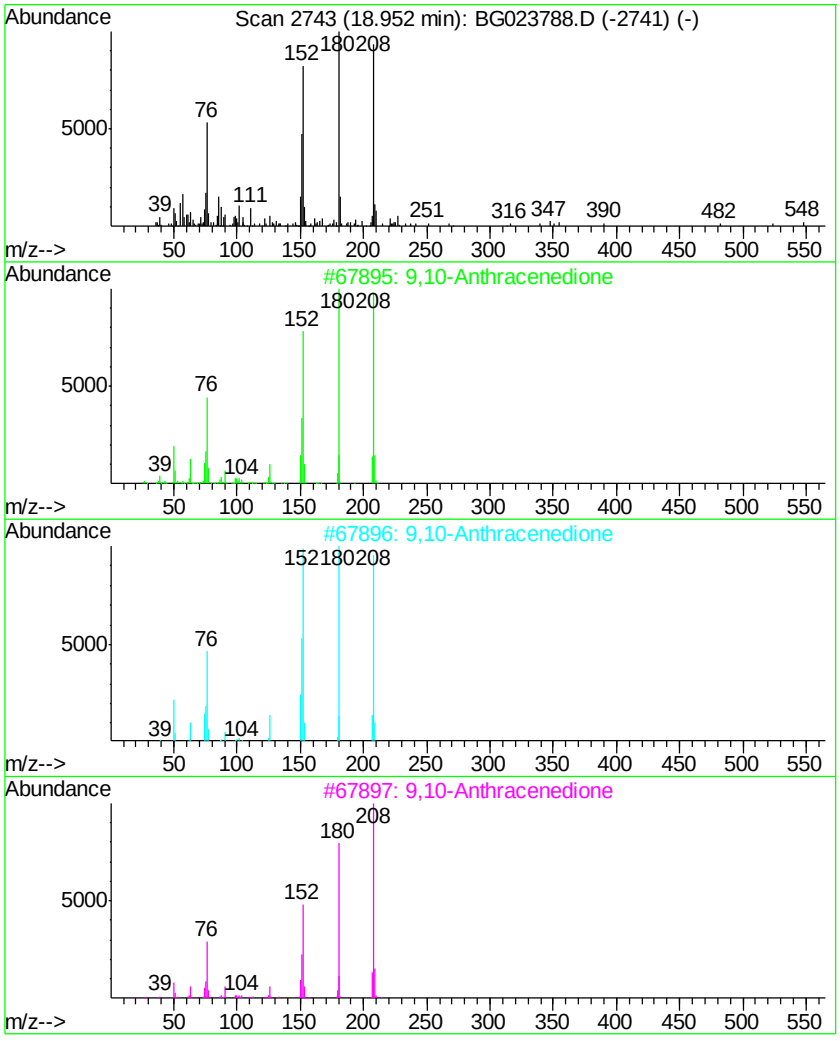
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

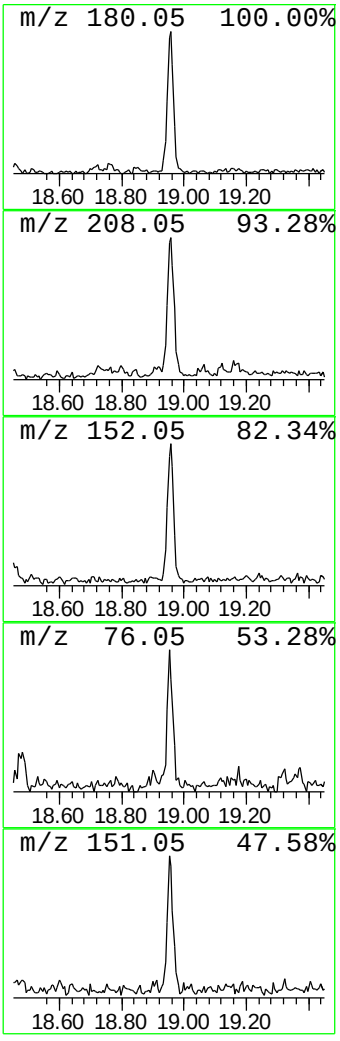
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	2.72 ng/ul	210578	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

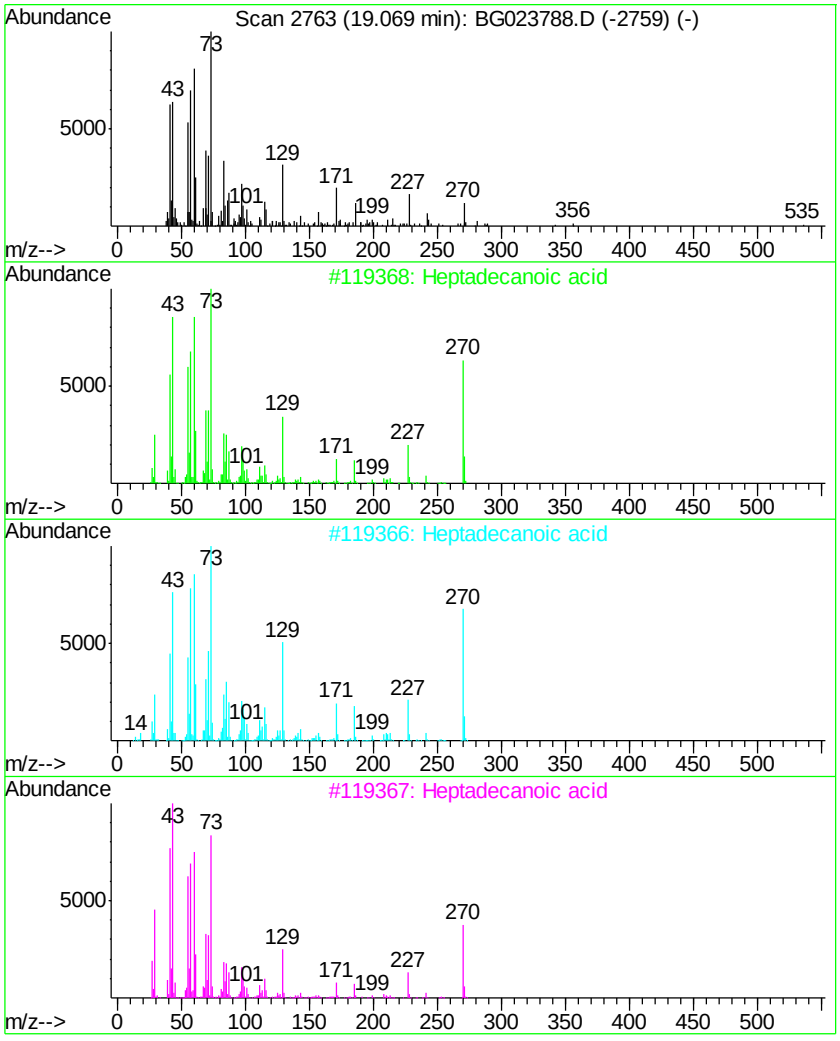
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

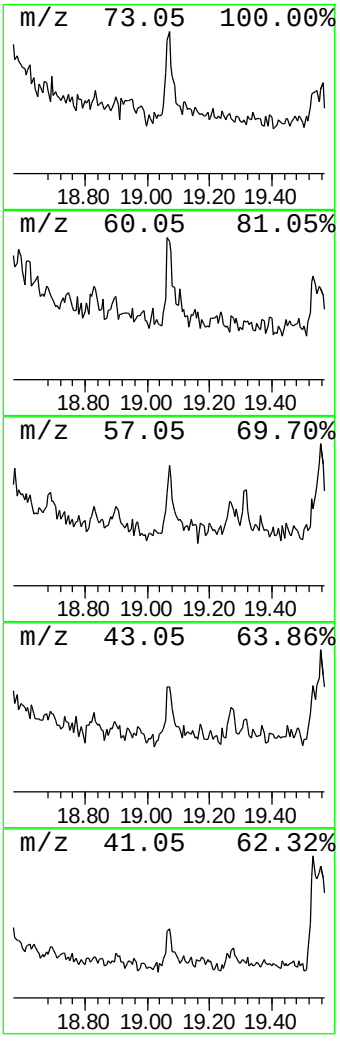
****

Peak Number 12 Heptadecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	3.51 ng/ul	271023	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	93
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	81
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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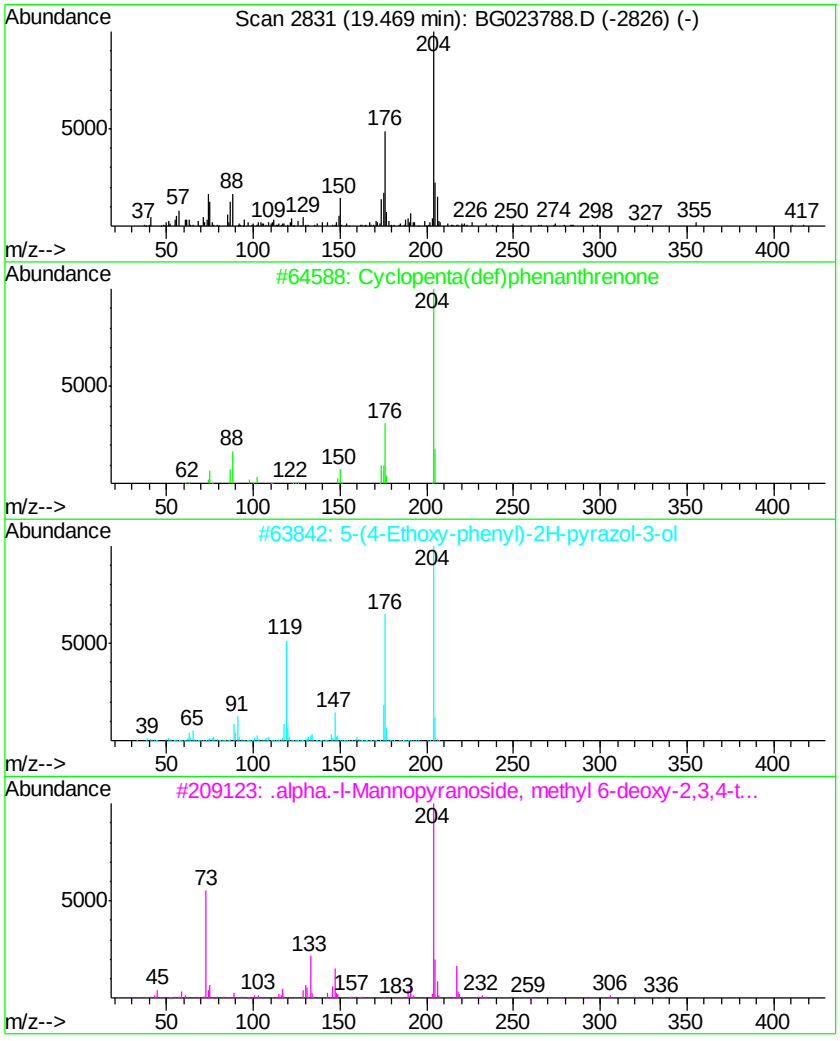
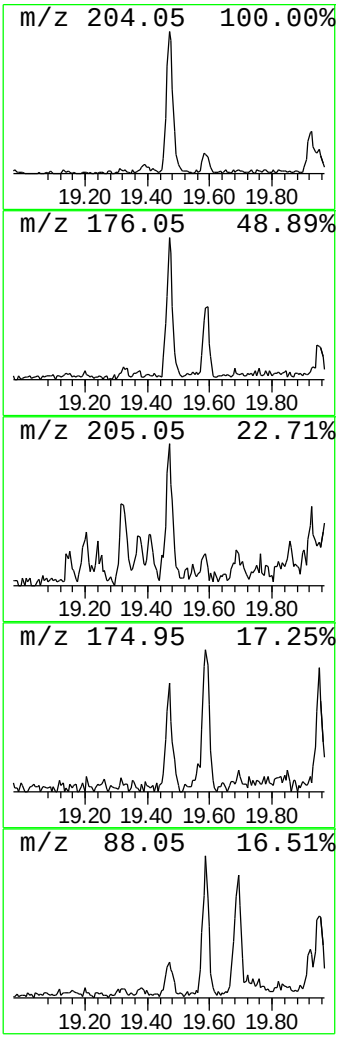
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	2.52 ng/ul	194973	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53
3	.alpha.-l-Mannopyranoside, methy...	394	C16H38O5Si3	056271-60-4	43
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
5	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	37





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

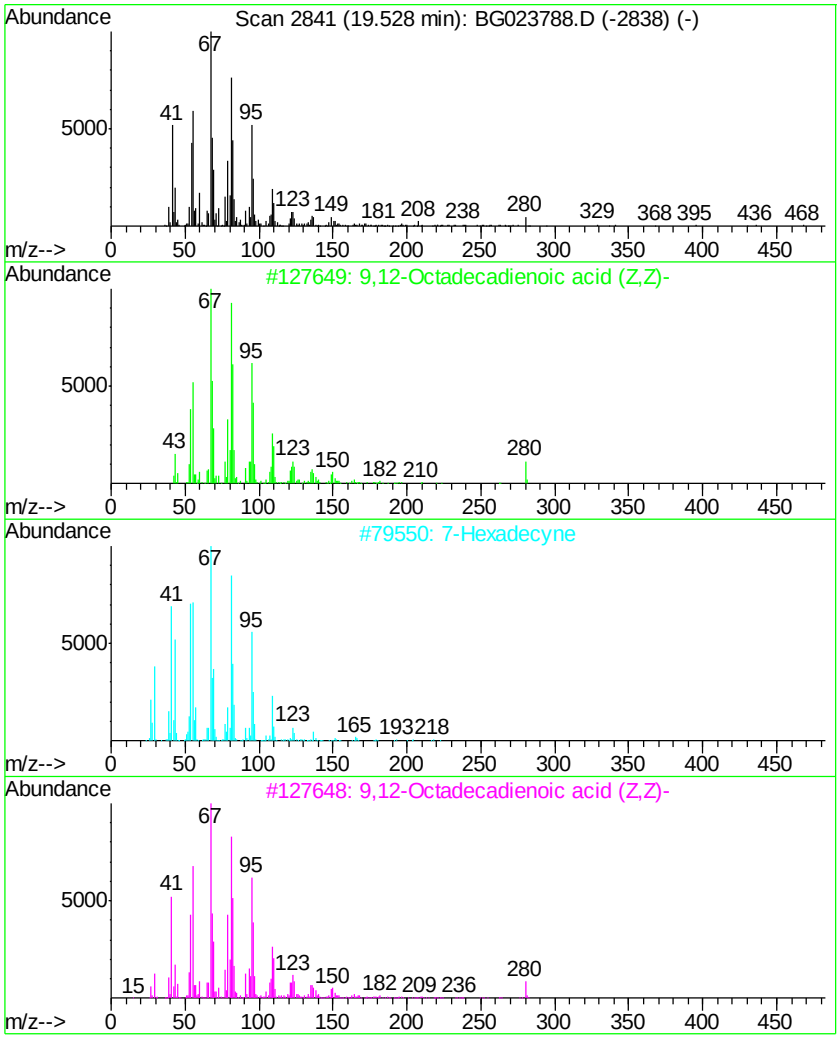
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

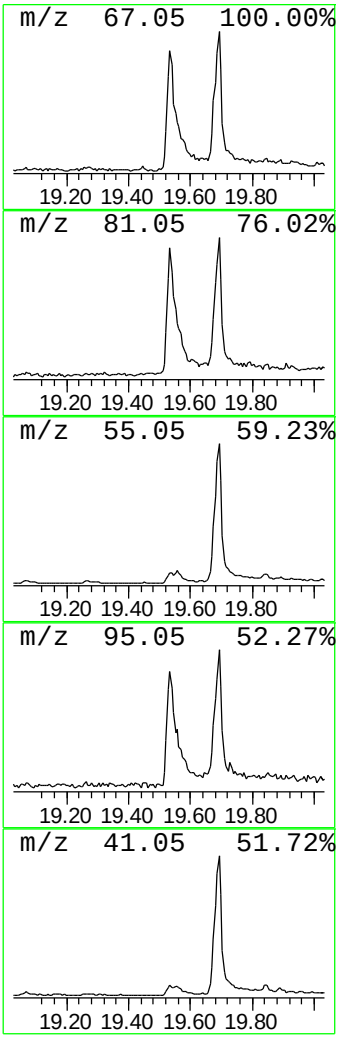
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid (... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	10.50 ng/ul	811536	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94
2	7-Hexadecyne	222	C16H30	074685-28-2	90
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	89
4	Methyl 9,12-heptadecadienoate	280	C18H32O2	1000336-36-2	89
5	Butyl 9,12-octadecadienoate	336	C22H40O2	1000336-54-1	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
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Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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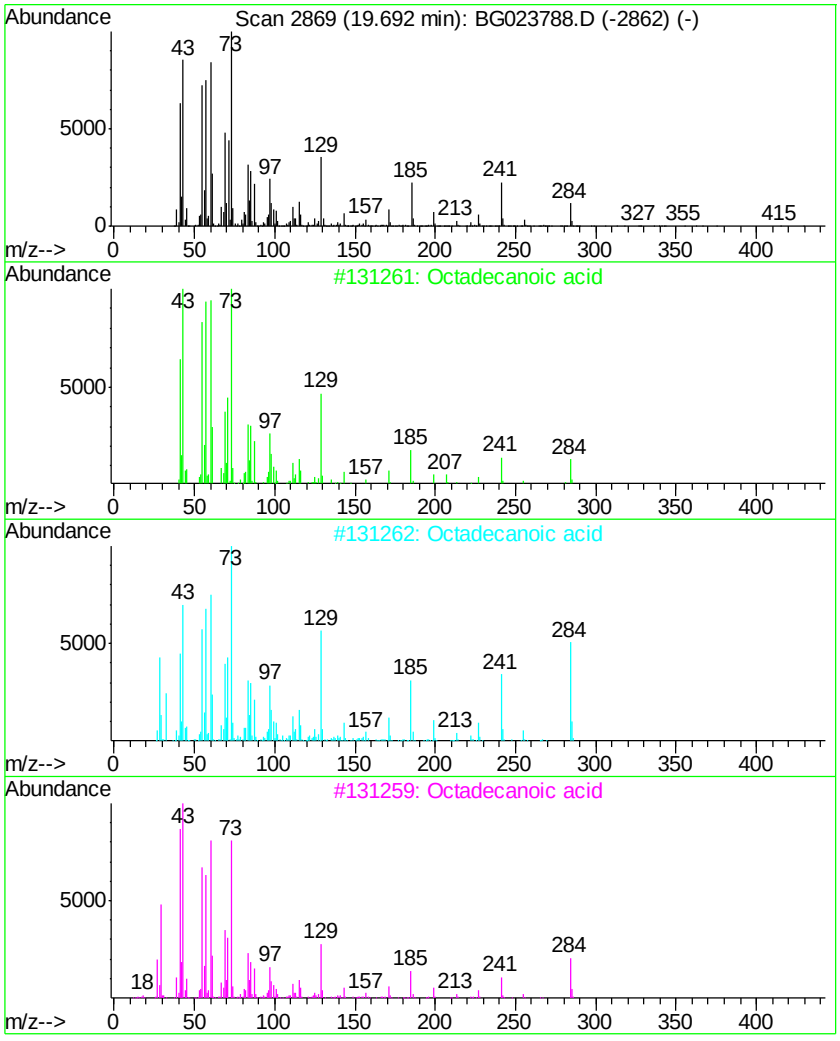
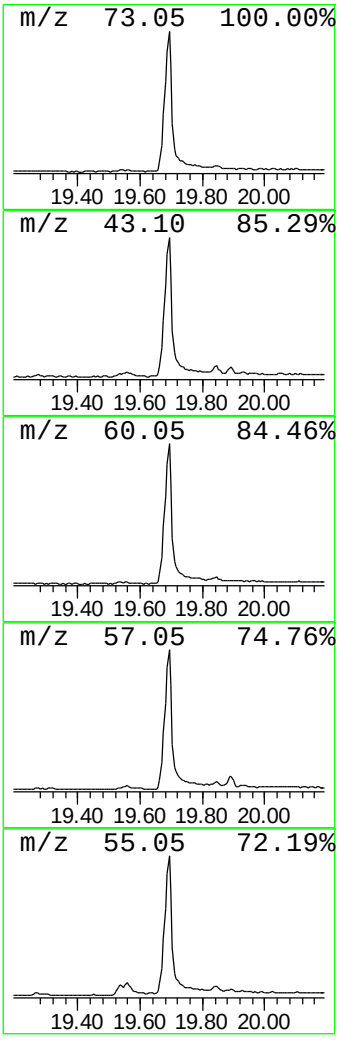
Peak Number 15 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	139.80 ng/ul	14980800	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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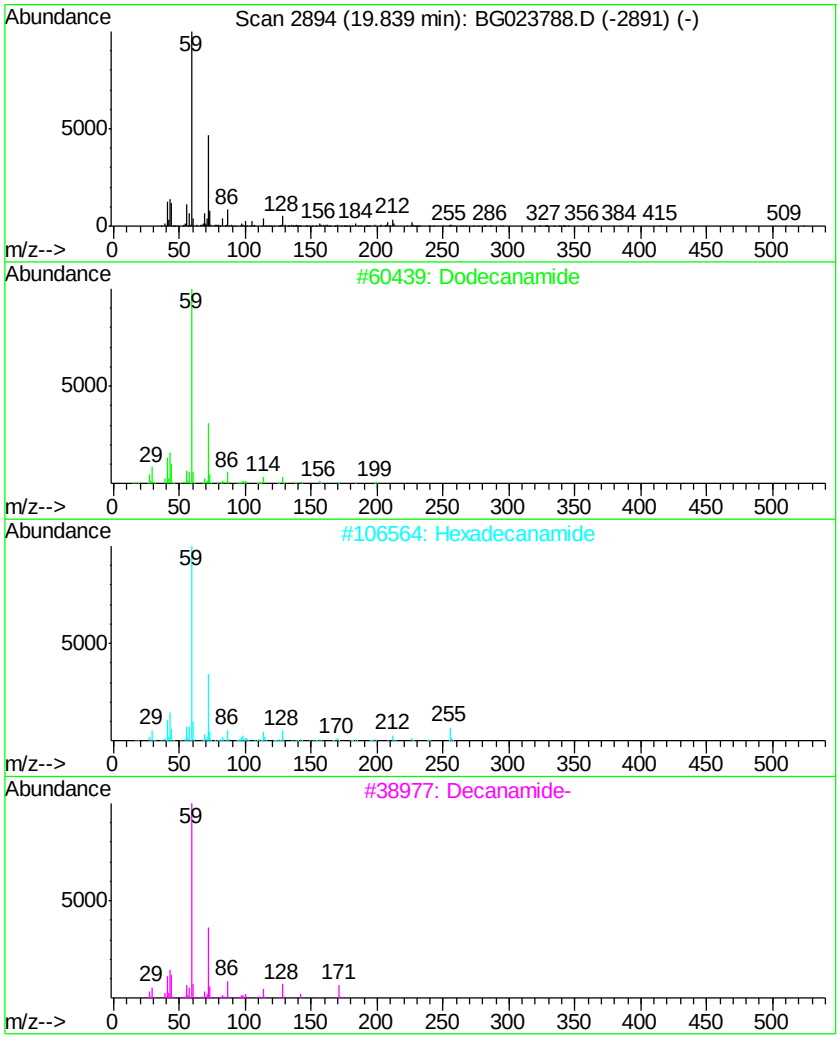
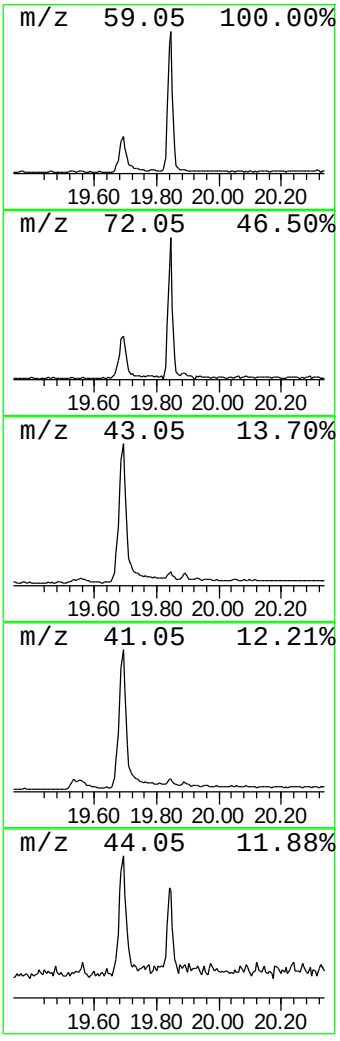
Peak Number 16 Dodecanamide Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	5.72 ng/ul	612590	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanamide	199	C12H25NO	001120-16-7	64
2	Hexadecanamide	255	C16H33NO	000629-54-9	64
3	Decanamide-	171	C10H21NO	002319-29-1	64
4	Hexadecanamide	255	C16H33NO	000629-54-9	64
5	Nonanamide	157	C9H19NO	001120-07-6	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
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Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

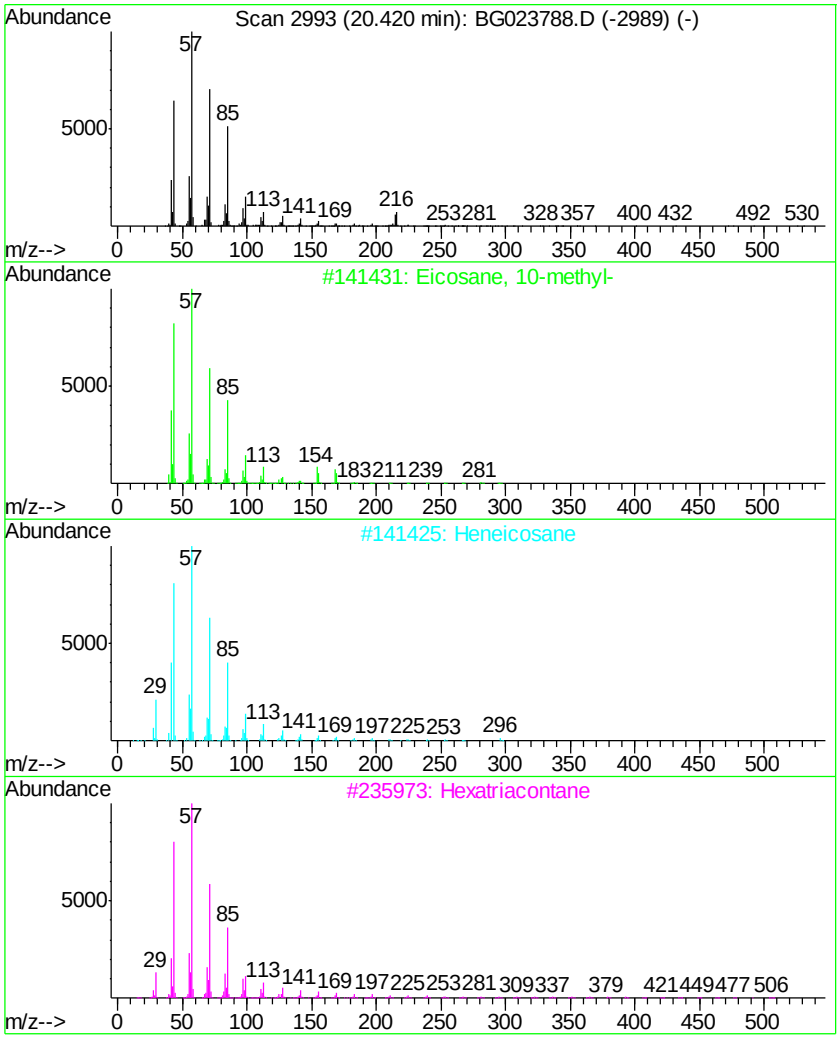
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

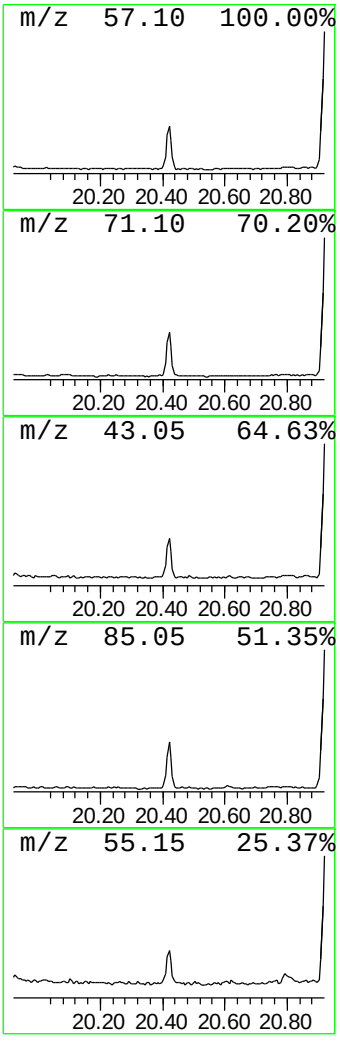
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	10.43 ng/ul	1117260	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
2	Heneicosane	296	C21H44	000629-94-7	74
3	Hexatriacontane	507	C36H74	000630-06-8	72
4	Heptacosane	380	C27H56	000593-49-7	68
5	Eicosane	282	C20H42	000112-95-8	64





Library Search Compound Report

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Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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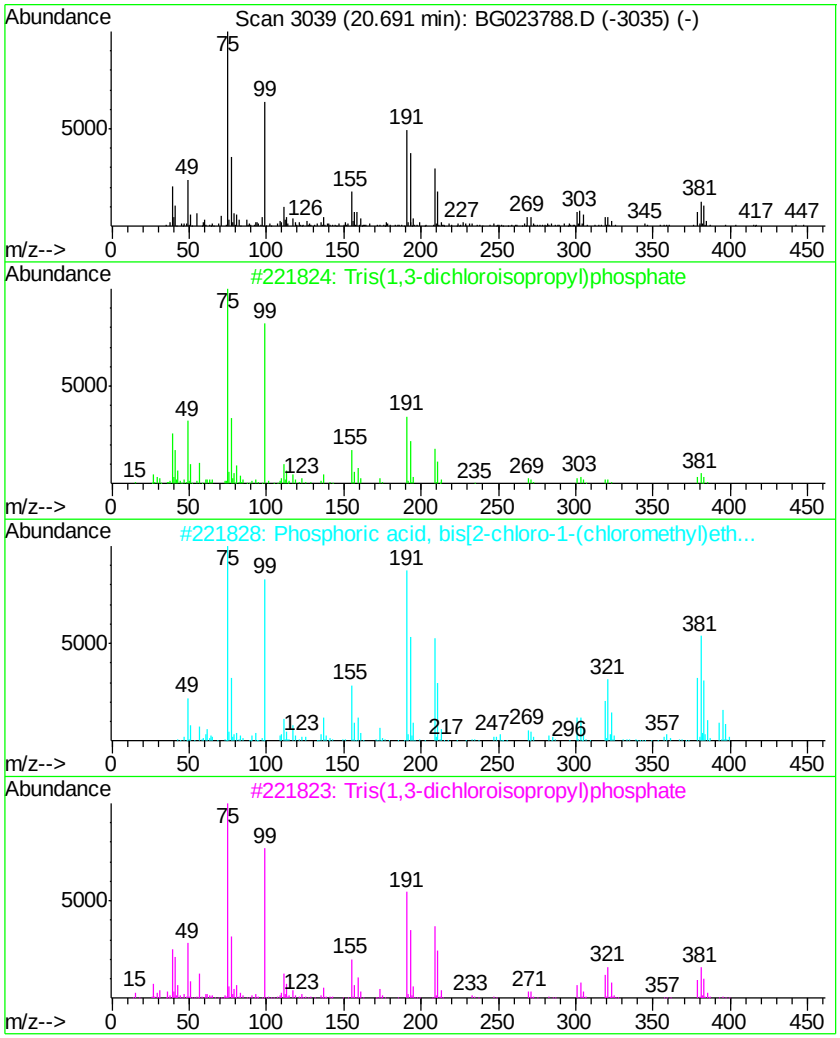
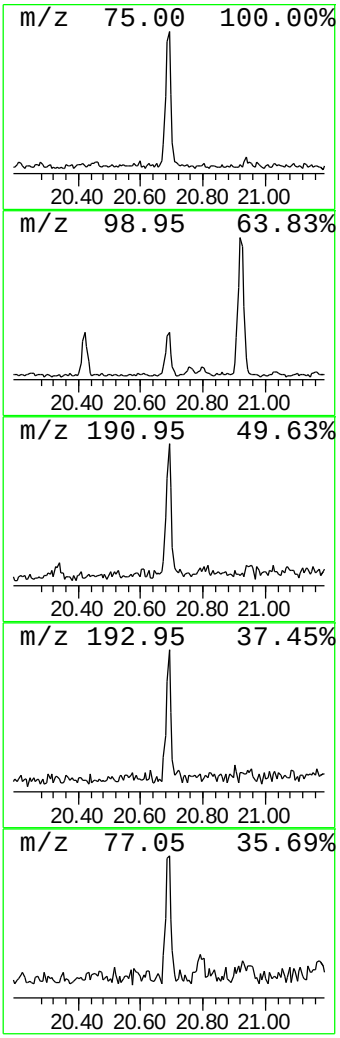
Peak Number 18 Tris(1,3-dichloroisopropyl)... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.57 ng/ul	274960	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(1,3-dichloroisopropyl)phosp...	428	C9H15Cl6O4P	013674-87-8	91
2	Phosphoric acid, bis[2-chloro-1-...	428	C9H15Cl6O4P	068460-03-7	91
3	Tris(1,3-dichloroisopropyl)phosp...	428	C9H15Cl6O4P	013674-87-8	90
4	1-Propanol, 2,3-dichloro-, phosp...	428	C9H15Cl6O4P	000078-43-3	50
5	Tris(1,3-dichloroisopropyl)phosp...	428	C9H15Cl6O4P	013674-87-8	30





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Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

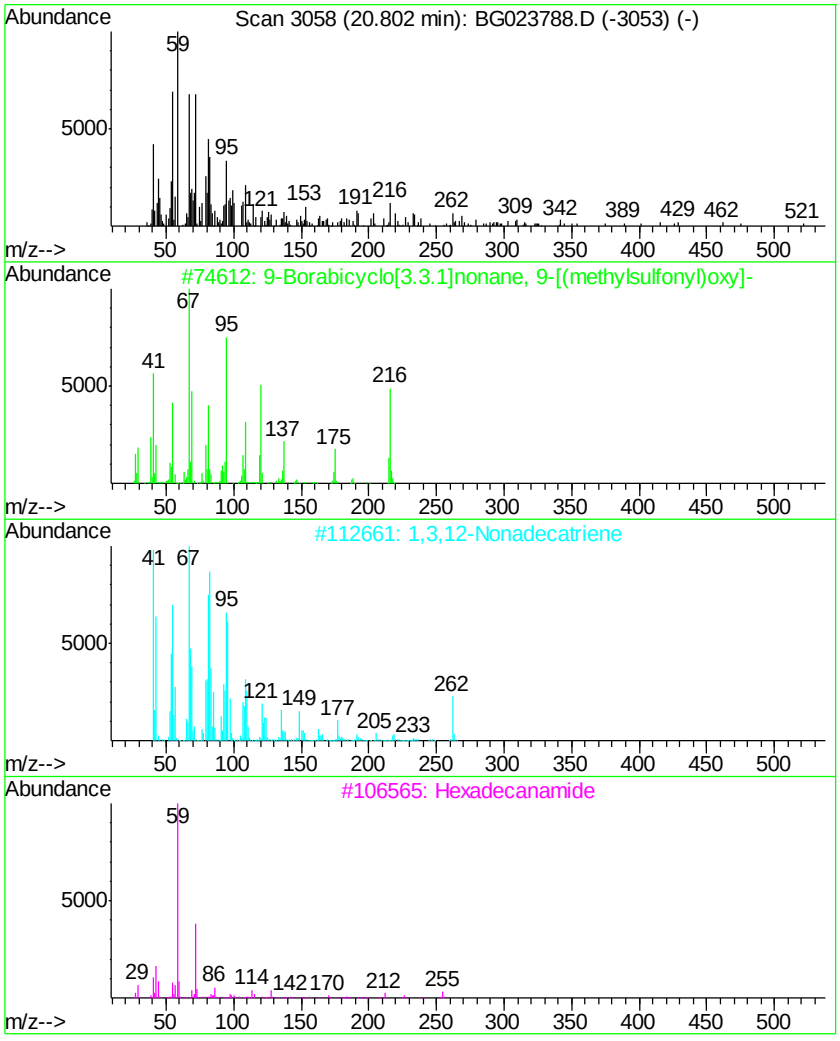
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

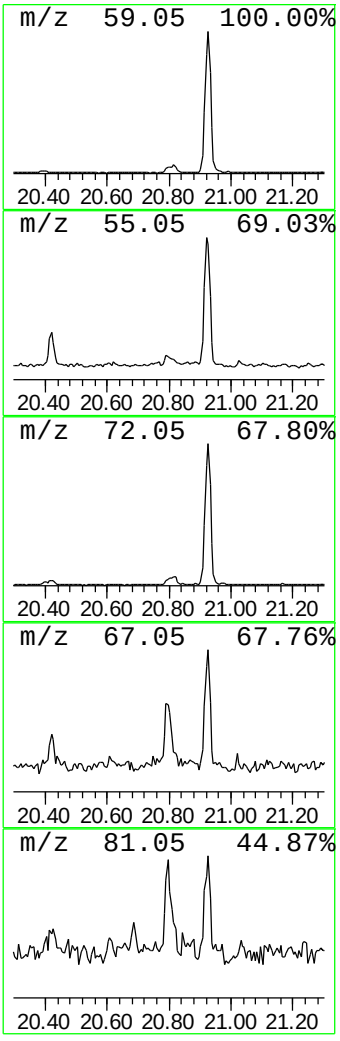
****

Peak Number 19 9-Borabicyclo[3.3.1]nonane,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.33 ng/ul	249331	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-[(...	216	C9H17BO3S	096532-76-2	50
2	1,3,12-Nonadecatriene	262	C19H34	1000131-11-1	25
3	Hexadecanamide	255	C16H33NO	000629-54-9	22
4	Isopropyl linoleate	322	C21H38O2	022882-95-7	22
5	8-Methyl-6-nonenamide	169	C10H19NO	1000293-20-9	22





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Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

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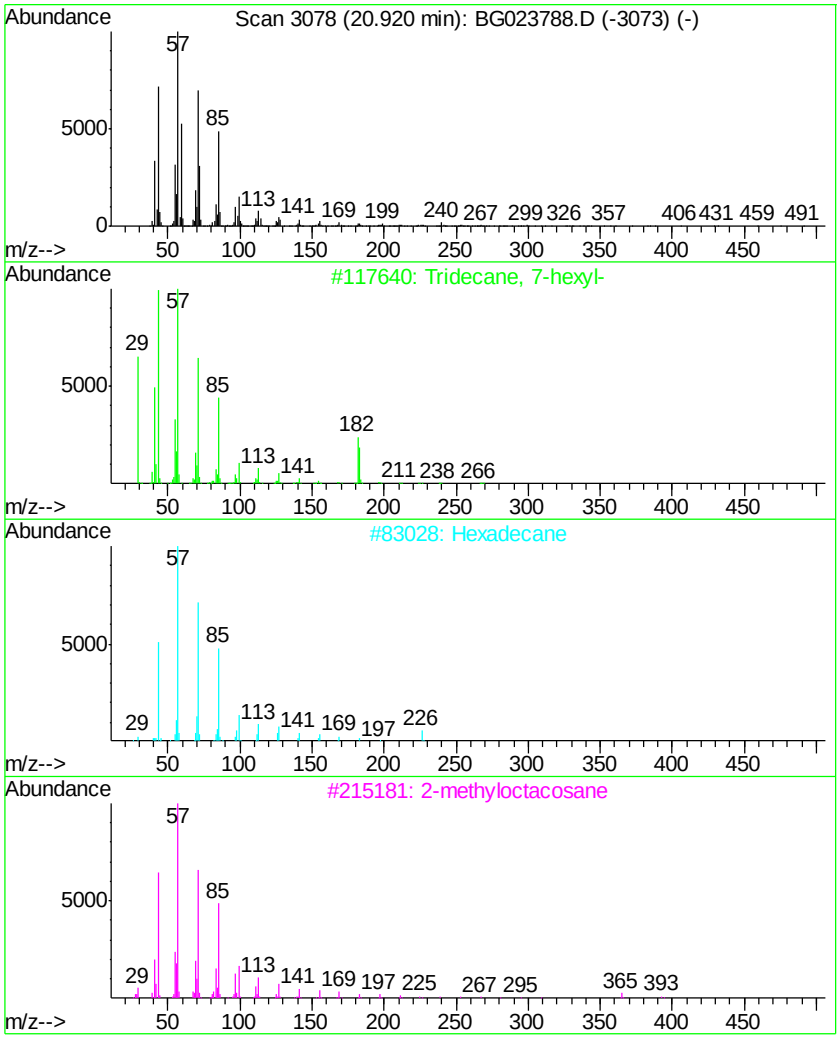
Quant Title : SVOA CALIBRATION

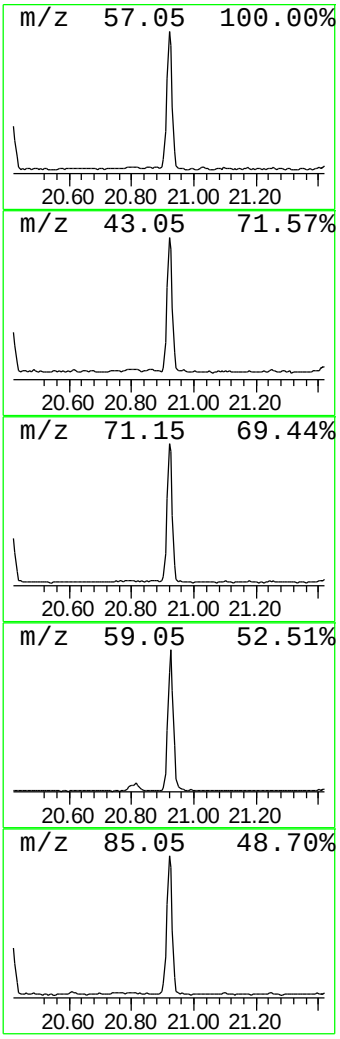
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	42.86 ng/ul	4592950	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83
2	Hexadecane	226	C16H34	000544-76-3	78
3	2-methyloctacosane	408	C29H60	1000376-72-8	64
4	Nonadecane	268	C19H40	000629-92-5	55
5	Heneicosane	296	C21H44	000629-94-7	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
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Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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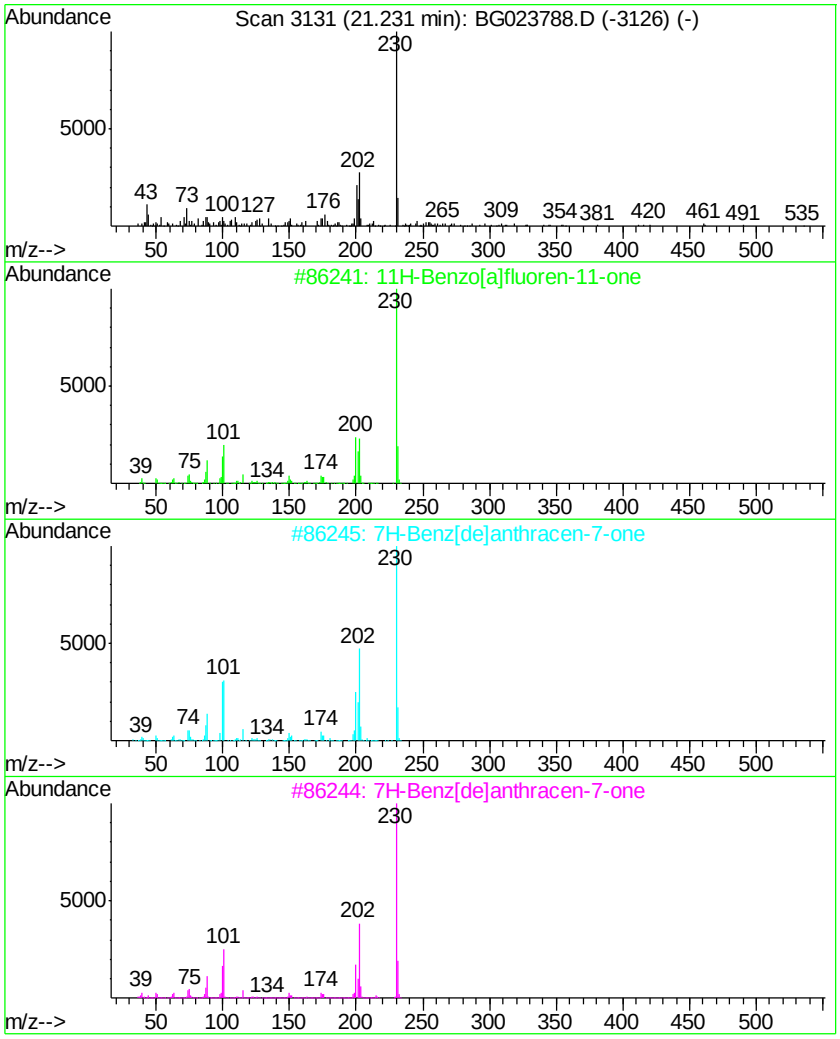
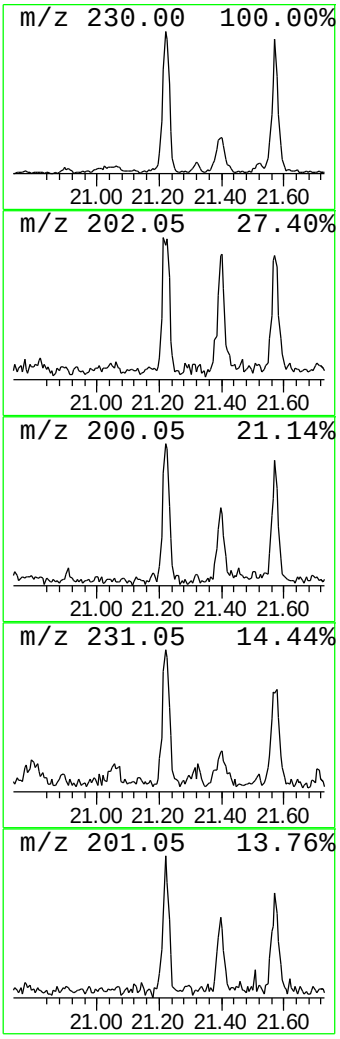
Peak Number 21 11H-Benzo[a]fluoren-11-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	2.71 ng/ul	290529	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	74





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Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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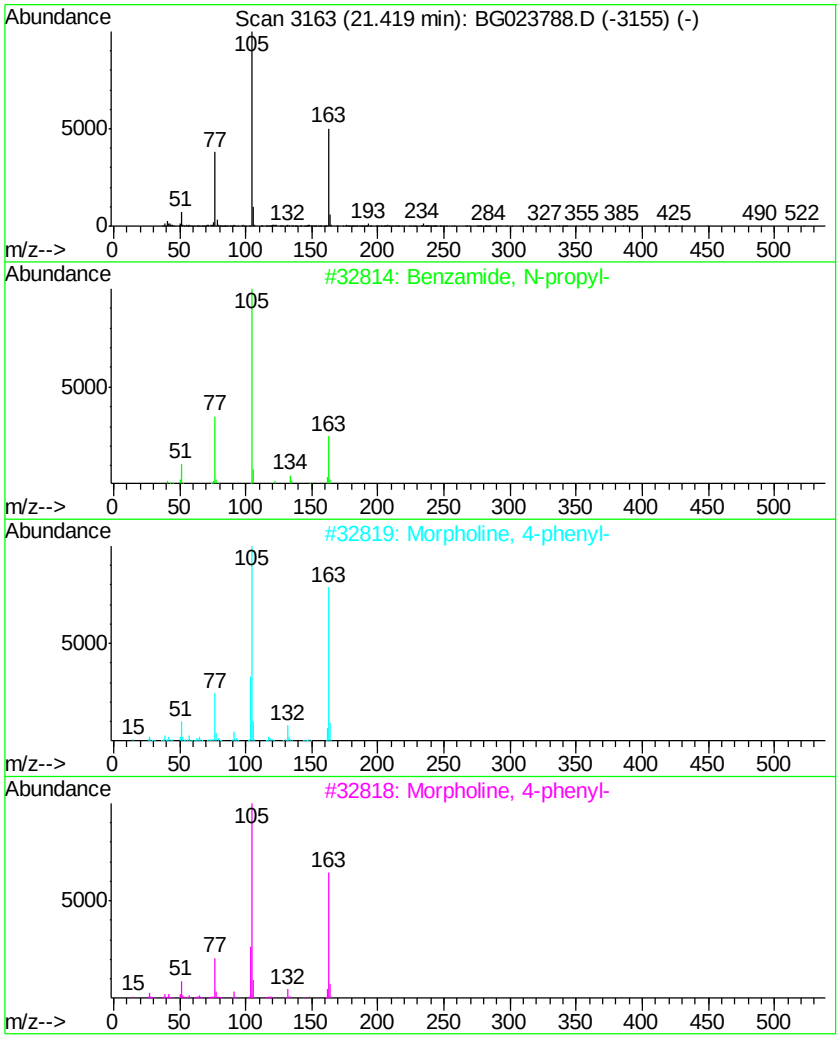
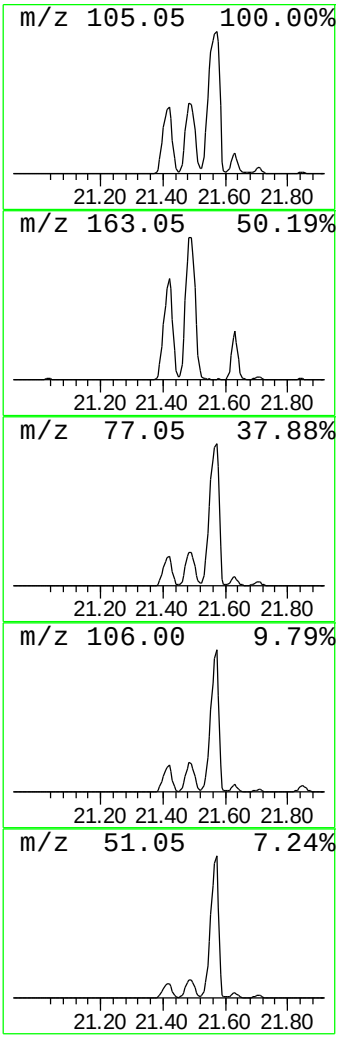
Peak Number 22 Benzamide, N-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	55.49 ng/ul	5946580	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-propyl-	163	C10H13NO	010546-70-0	72
2	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	56
3	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	53
4	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	38
5	N-[1-(3-Benzoyl-4-methyl-5-oxo-o...	350	C20H18N2O4	1000296-93-4	38





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Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

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Quant Title : SVOA CALIBRATION

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

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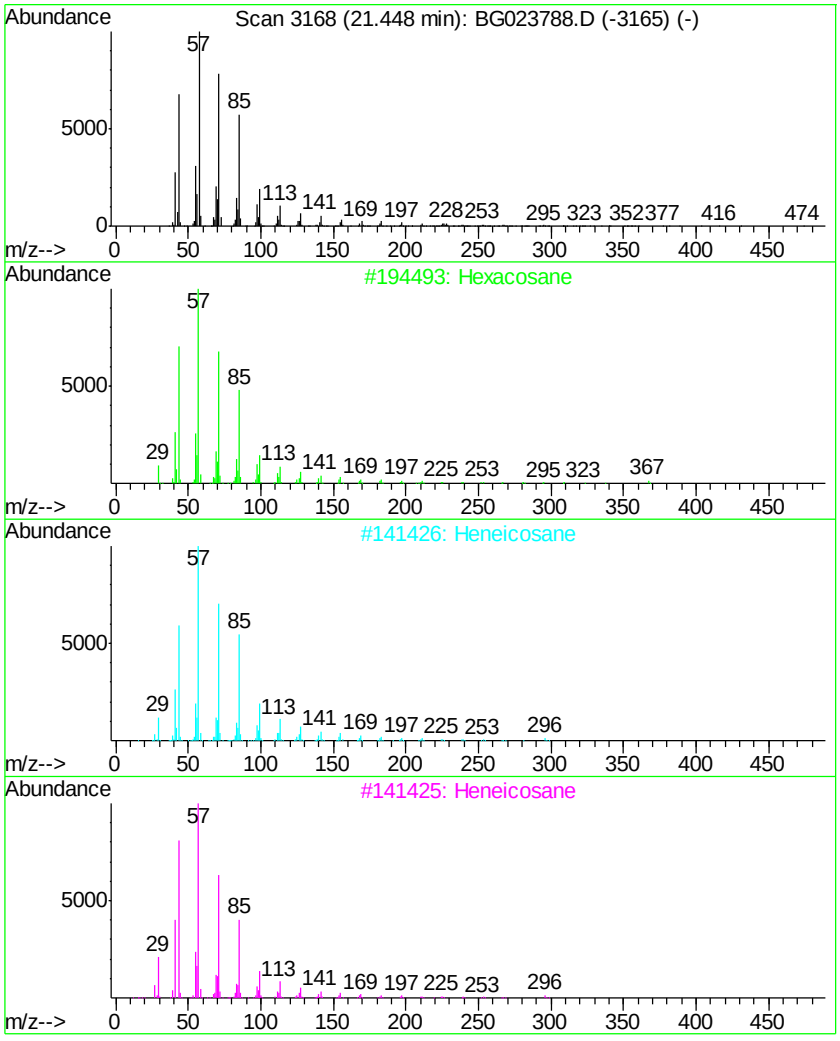
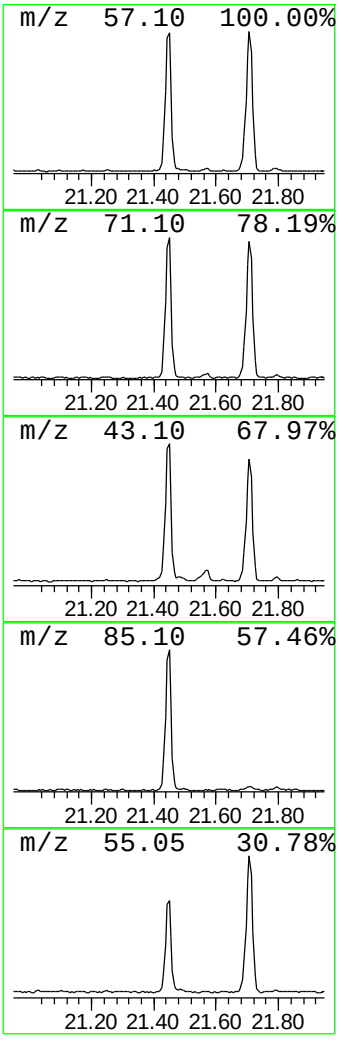
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	65.88 ng/ul	7059750	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
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Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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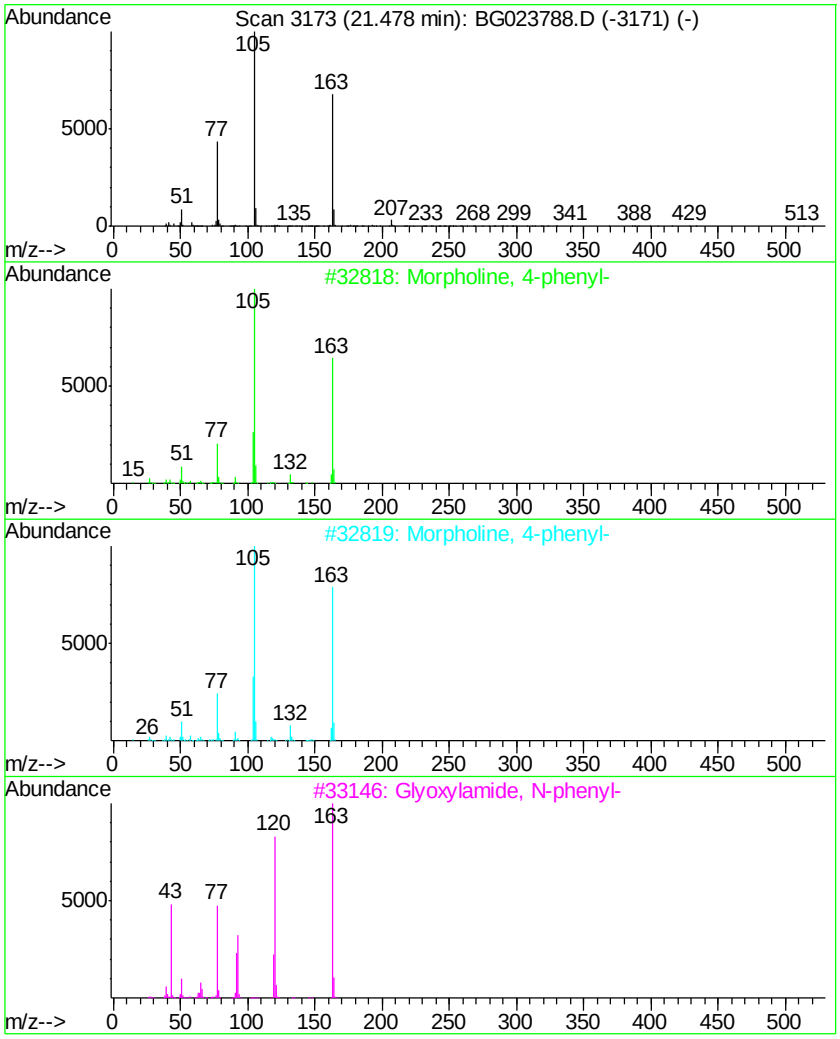
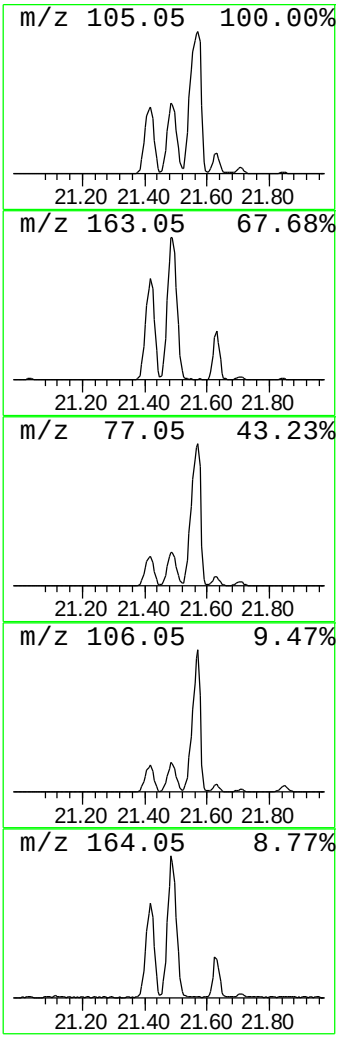
Peak Number 24 Morpholine, 4-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	61.34 ng/ul	6572720	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	59
2	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	56
3	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	53
4	1-Propanol, 2-[2-(benzoyloxy)pro...	342	C20H22O5	020109-39-1	43
5	Benzenepropanamide, .alpha.-(ben...	284	C16H16N2O3	058690-81-6	40





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Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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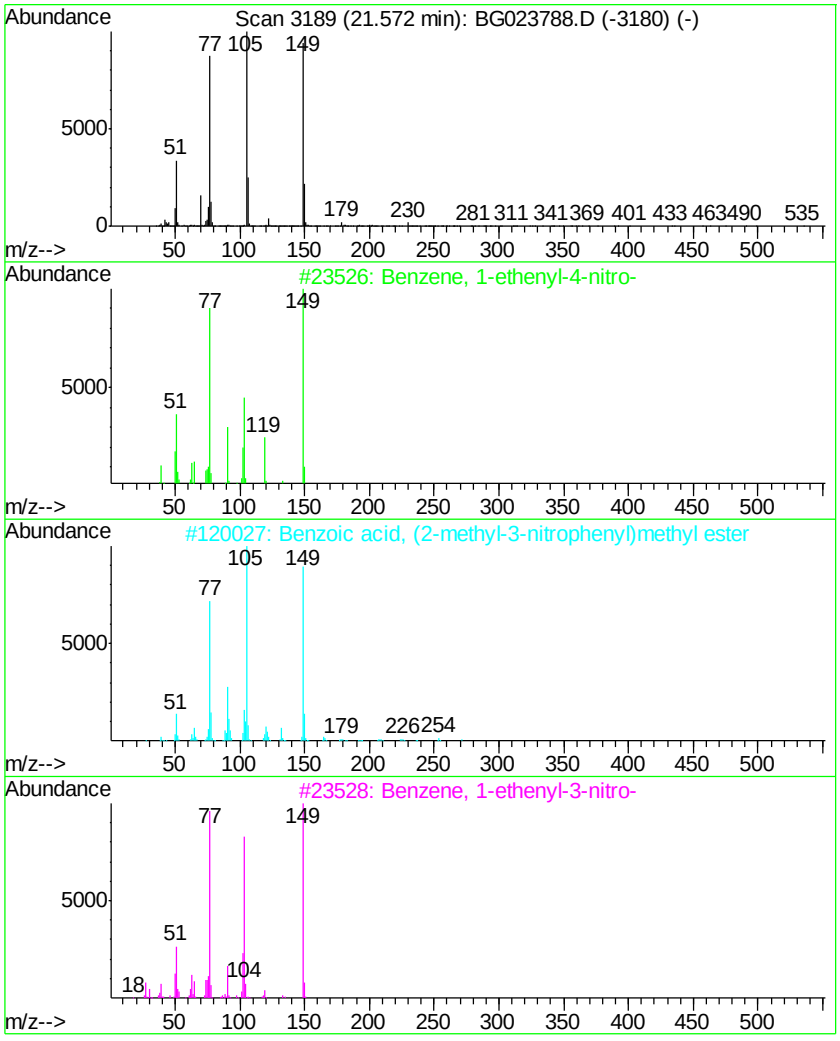
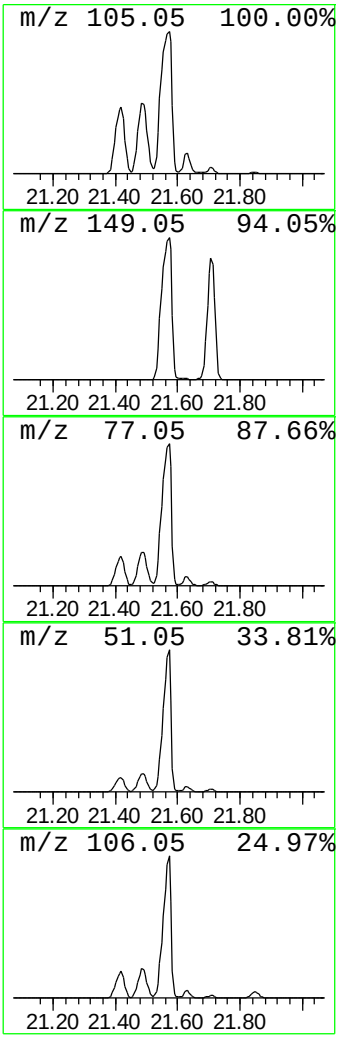
Peak Number 25 Benzene, 1-ethenyl-4-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	218.79 ng/ul	23445000	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-nitro-	149	C8H7NO2	000100-13-0	59
2	Benzoic acid, (2-methyl-3-nitrop...	271	C15H13NO4	1000367-95-0	56
3	Benzene, 1-ethenyl-3-nitro-	149	C8H7NO2	000586-39-0	53
4	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	50
5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	38





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Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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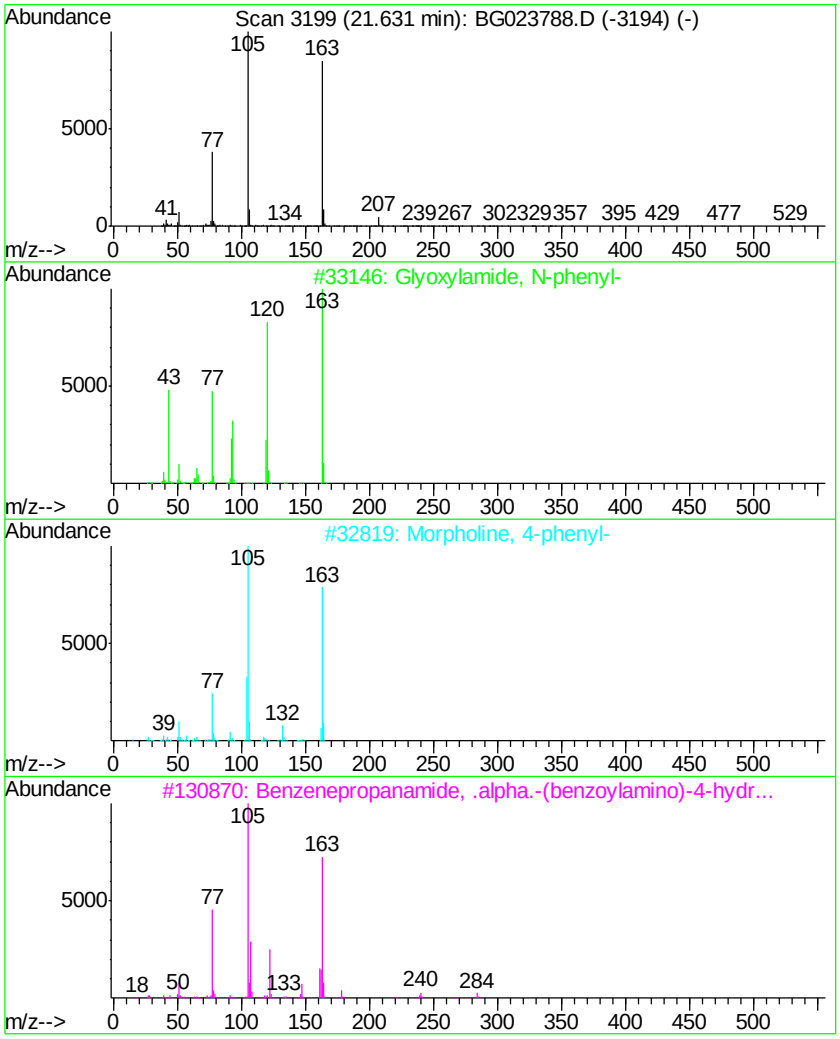
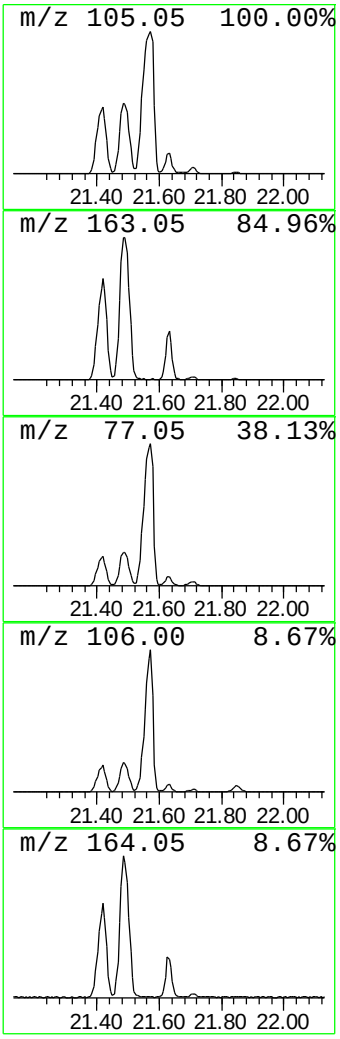
Peak Number 26 Glyoxylamide, N-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	13.21 ng/ul	1416000	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	59
2	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	45
3	Benzenepropanamide, .alpha.-(ben...	284	C16H16N2O3	058690-81-6	43
4	1-Propanol, 2-[2-(benzoyloxy)pro...	342	C20H22O5	020109-39-1	43
5	Benzoic acid, 2-benzyloxy-3-brom...	348	C17H17BrO3	1000191-33-3	40





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ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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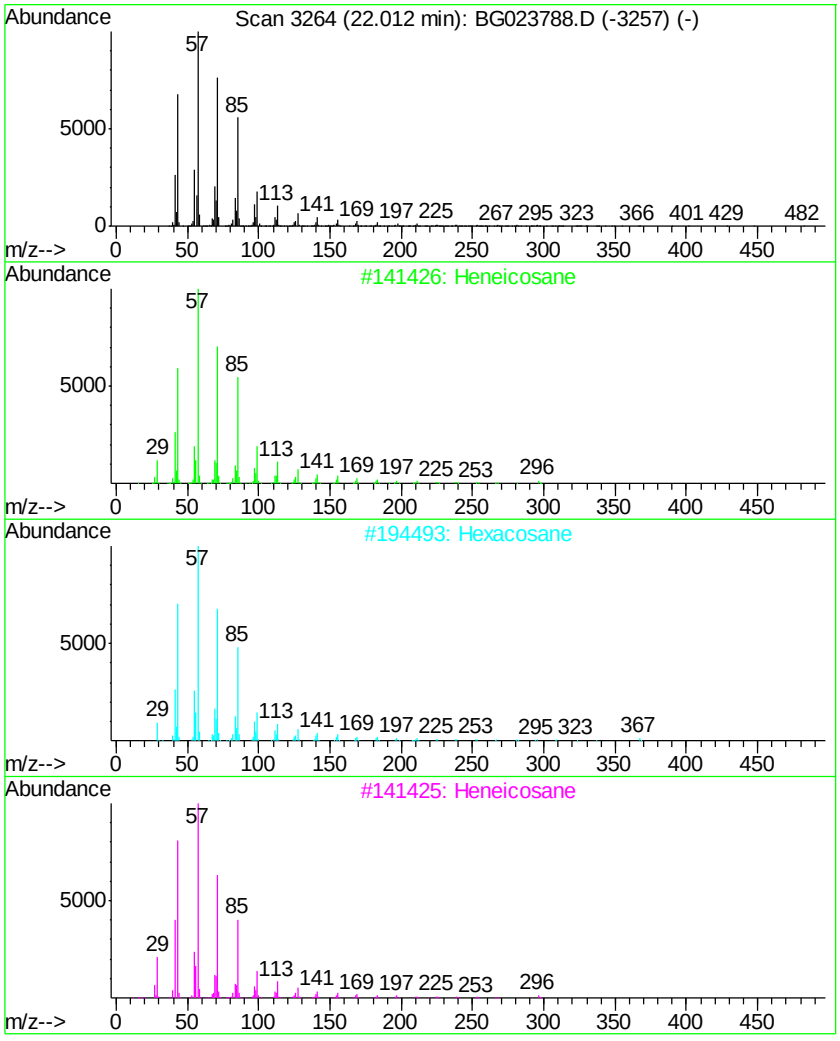
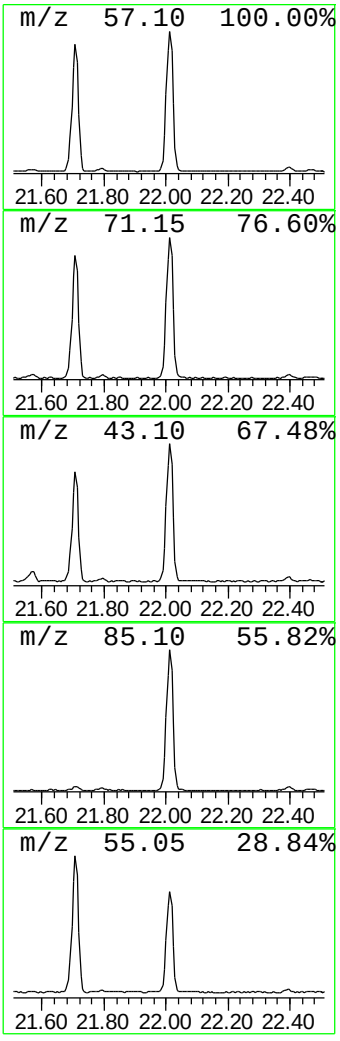
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	80.31 ng/ul	8605610	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
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Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

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

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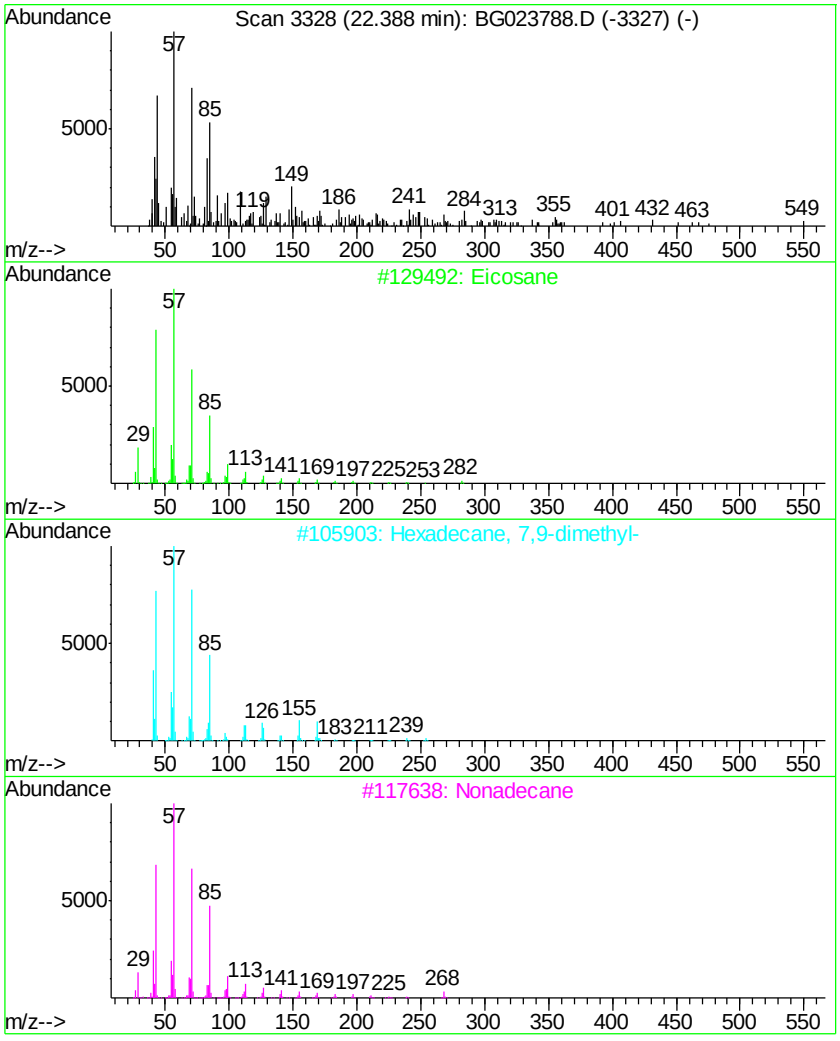
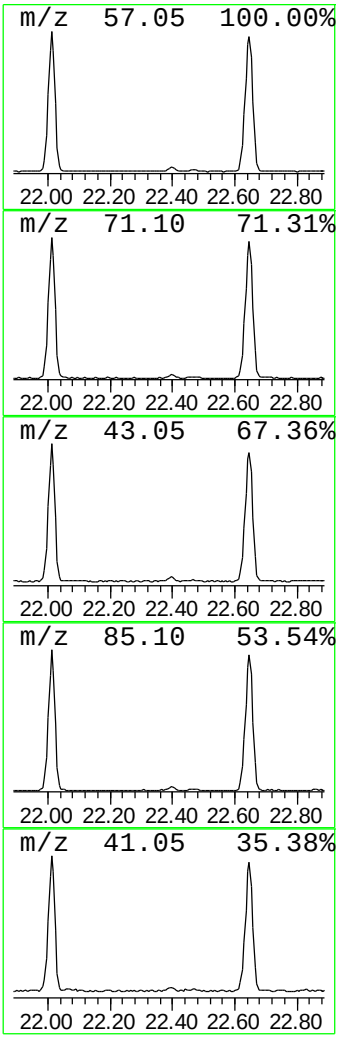
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.25 ng/ul	240875	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

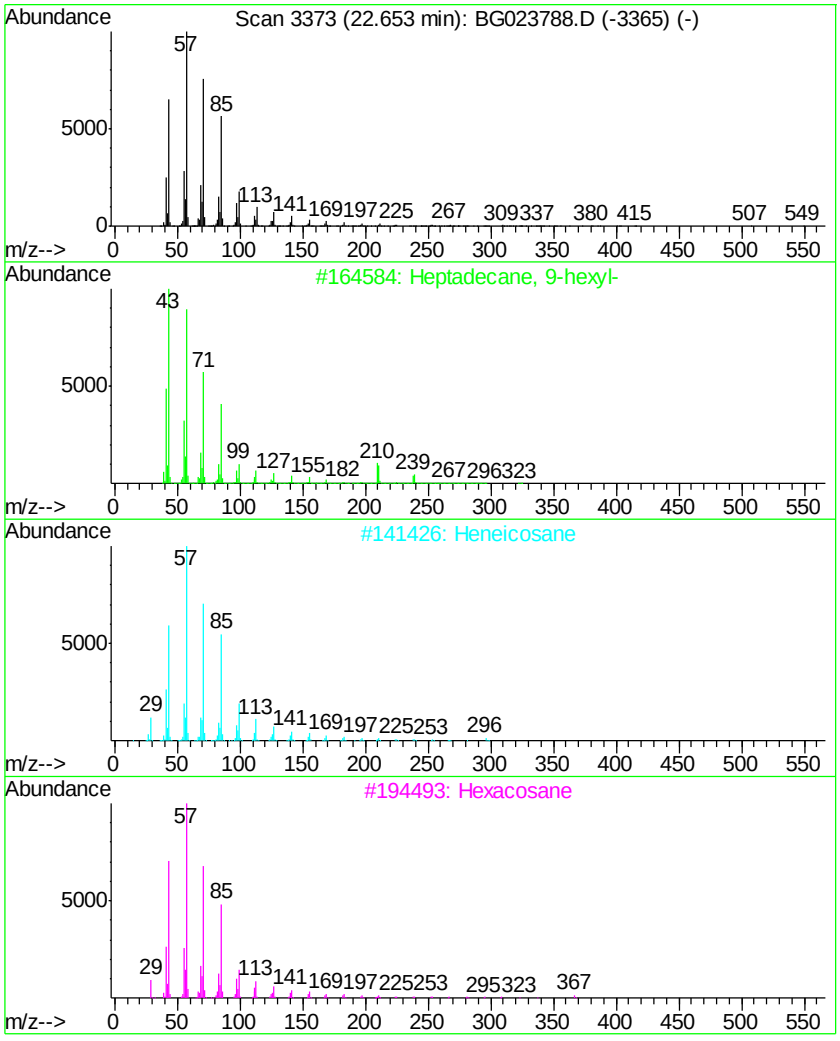
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

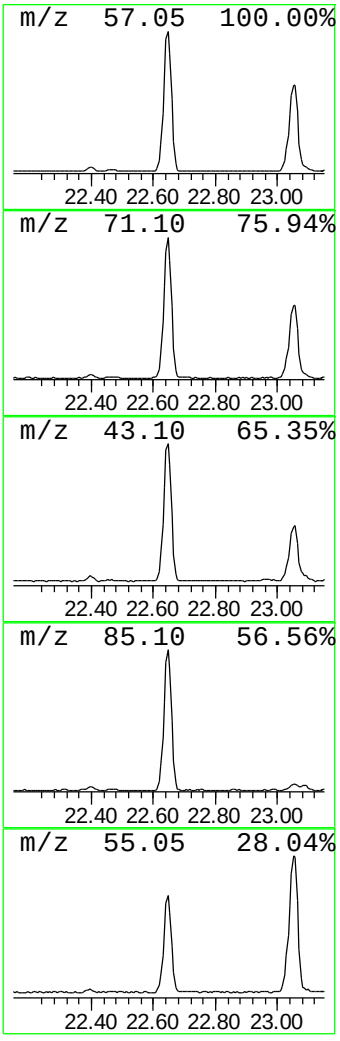
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	86.71 ng/ul	9291360	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

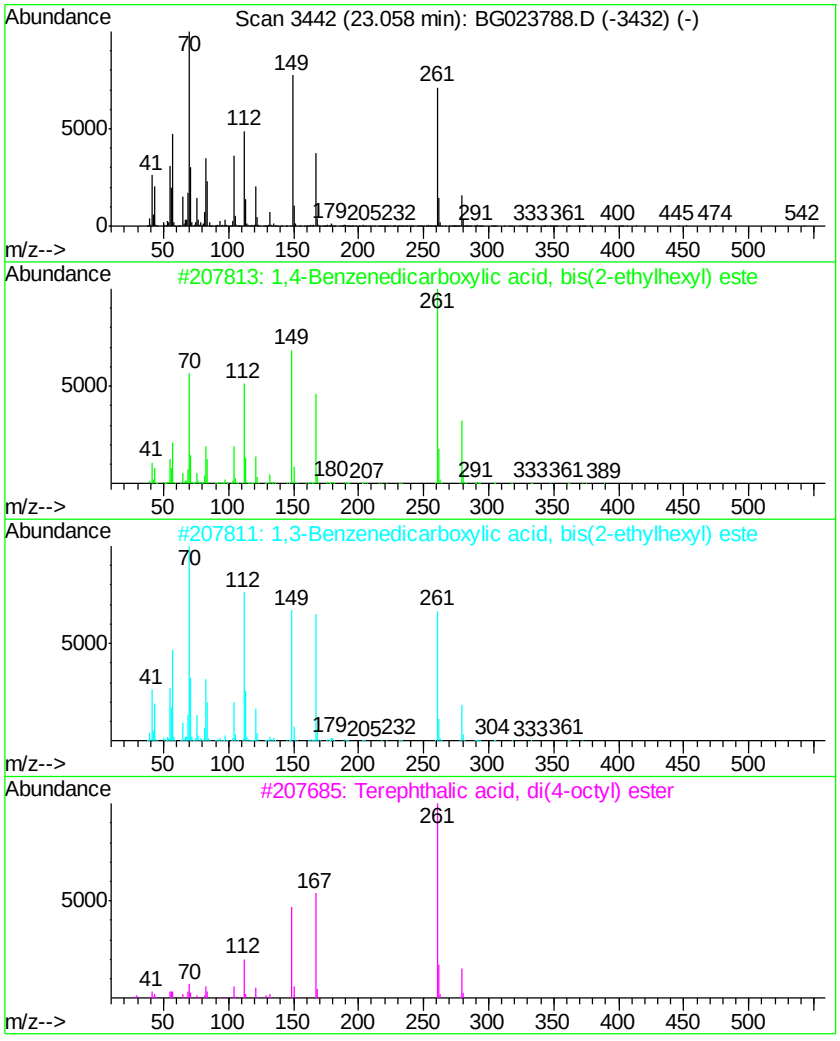
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

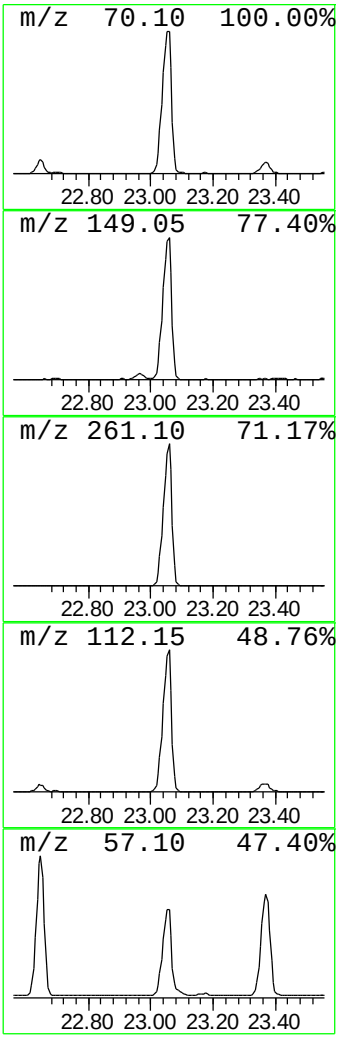
****

Peak Number 30 1,4-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	194.39 ng/ul	20830800	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	72
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	47
3	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	47
4	Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	43
5	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

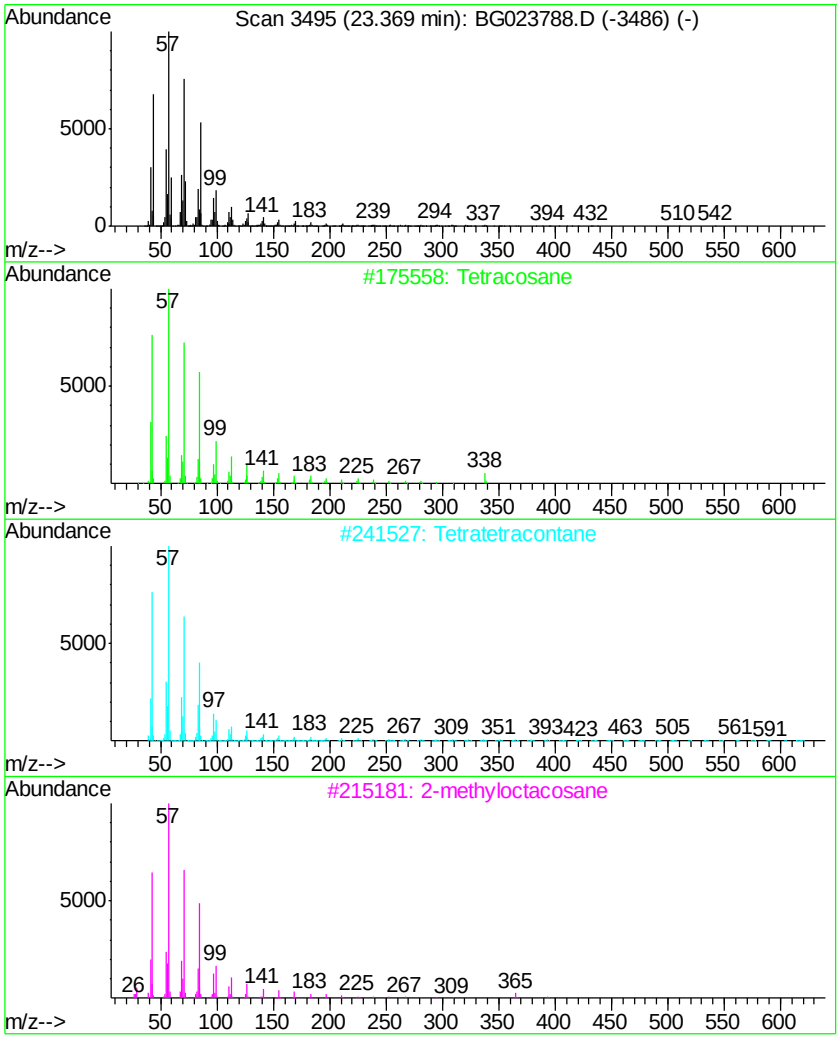
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

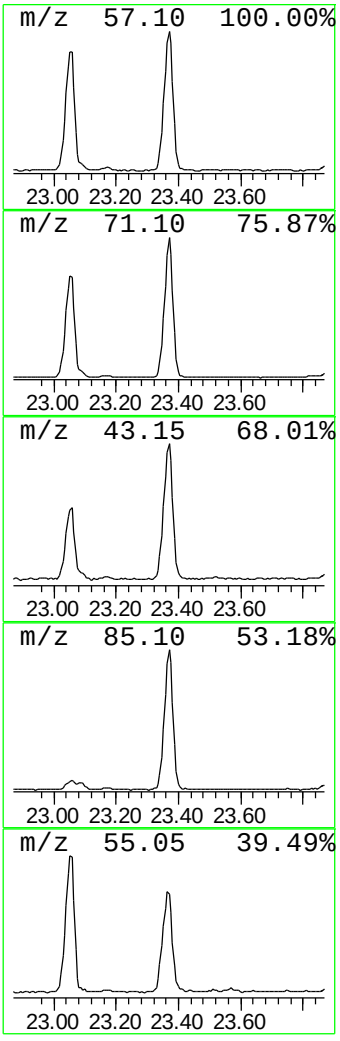
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	103.86 ng/ul	11130000	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	2-methyloctacosane	408	C29H60	1000376-72-8	81
4	Octadecane	254	C18H38	000593-45-3	76
5	Tetracosane	338	C24H50	000646-31-1	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

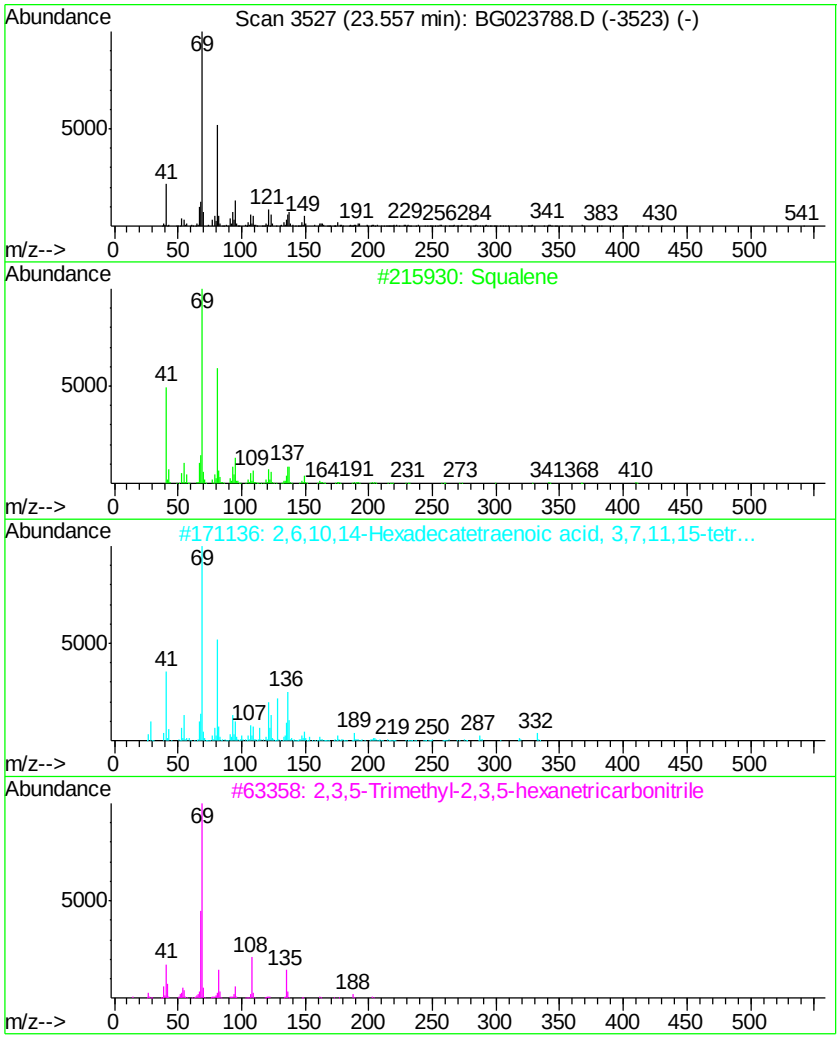
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

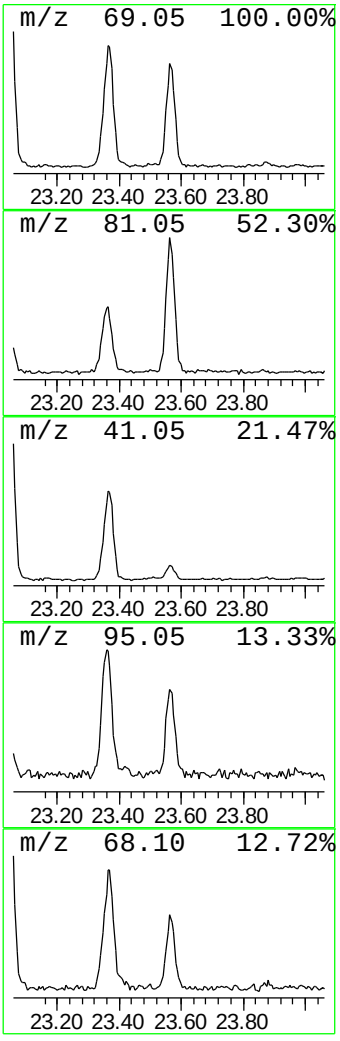
****

Peak Number 32 Squalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.56	4.31 ng/ul	1137890	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	78
3	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
4	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	64
5	Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

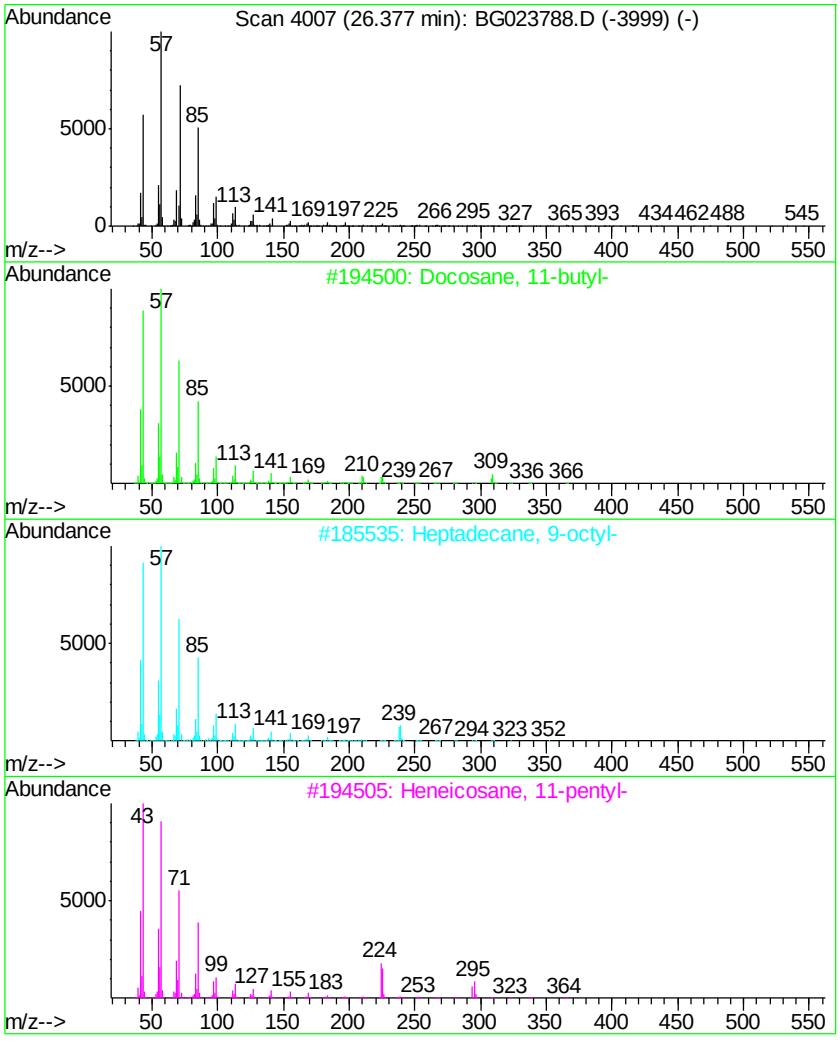
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

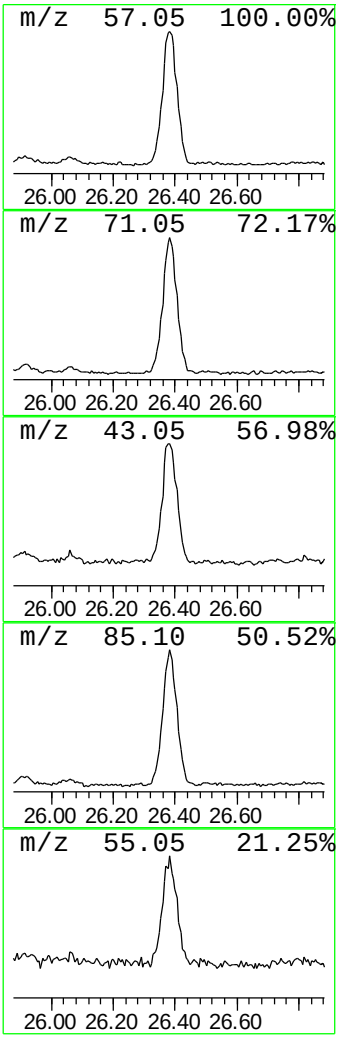
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.38	12.04 ng/ul	3175510	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	93
5	Nonadecane	268	C19H40	000629-92-5	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
Quant Title : SVOA CALIBRATION

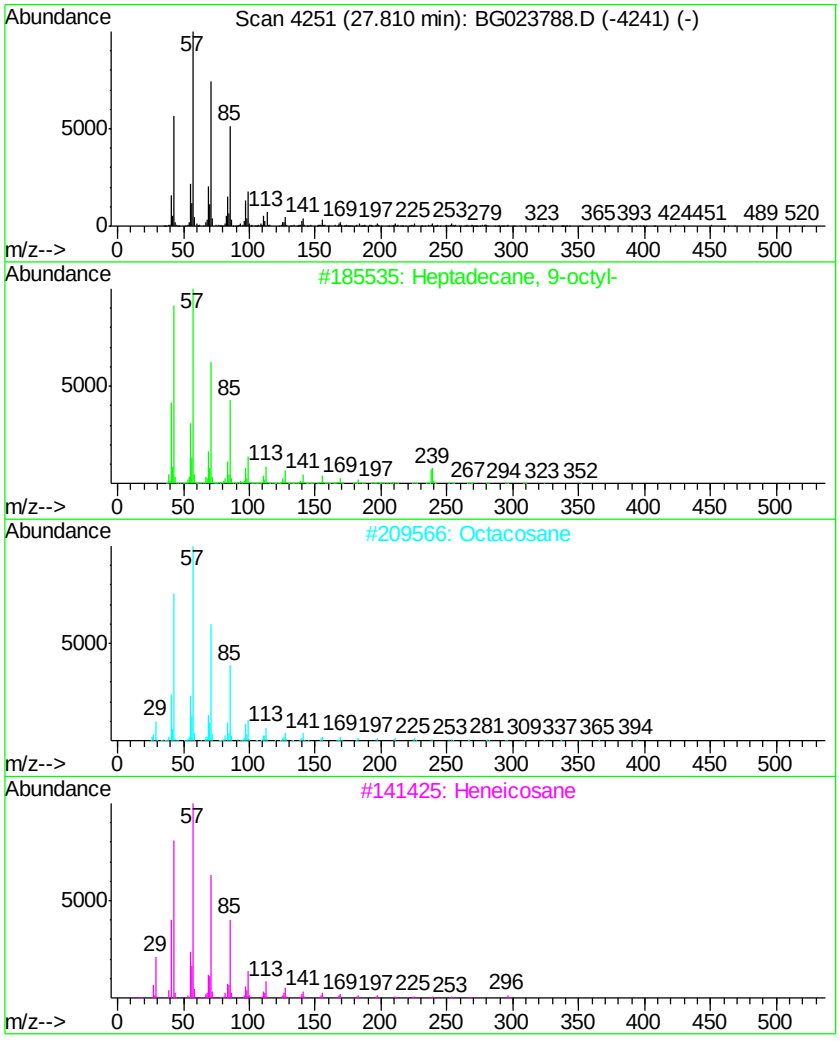
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

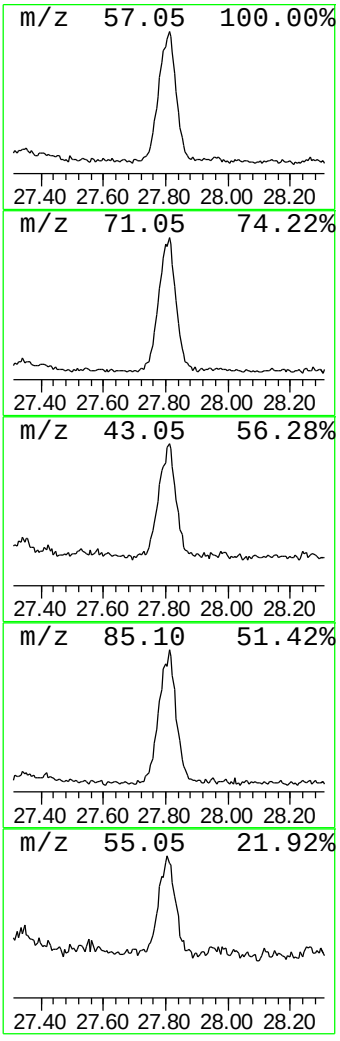
****

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.81	8.46 ng/ul	2232840	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
5	Tetracosane	338	C24H50	000646-31-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081816\
Data File : BG023788.D
Acq On : 19 Aug 2016 10:15
Operator : UM/SJ
Sample : H4360-19ME
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS004-0002-01ME

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.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
Octanal	7.55	2.0	ng/ul	59655	1	8.10	586311	20.0
2-Pyrrolidinone, ...	8.21	2.3	ng/ul	67702	1	8.10	586311	20.0
Nonanoic acid	11.71	4.4	ng/ul	222263	2	10.93	1012540	20.0
Formamide, N,N-di...	12.39	3.0	ng/ul	154513	2	10.93	1012540	20.0
Metacetamol	13.64	2.1	ng/ul	136754	3	14.77	1307440	20.0
Dodecanoic acid	15.19	59.9	ng/ul	3916510	3	14.77	1307440	20.0
2,2'-(Ethane-1,2-...	16.56	3.5	ng/ul	274583	4	17.53	1545720	20.0
Methyl 2-(methylt...	16.60	2.1	ng/ul	162904	4	17.53	1545720	20.0
unknown-01	16.76	2.5	ng/ul	191374	4	17.53	1545720	20.0
Tetradecanoic acid	16.91	40.9	ng/ul	3158820	4	17.53	1545720	20.0
9,10-Anthracenedione	18.95	2.7	ng/ul	210578	4	17.53	1545720	20.0
Heptadecanoic acid	19.07	3.5	ng/ul	271023	4	17.53	1545720	20.0
Cyclopenta(def)ph...	19.47	2.5	ng/ul	194973	4	17.53	1545720	20.0
9,12-Octadecadien...	19.53	10.5	ng/ul	811536	4	17.53	1545720	20.0
Octadecanoic acid	19.69	139.8	ng/ul	14980800	5	21.85	2143180	20.0
Dodecanamide	19.84	5.7	ng/ul	612590	5	21.85	2143180	20.0
(DEL) Alkane: Str...	20.42	10.4	ng/ul	1117260	5	21.85	2143180	20.0
Tris(1,3-dichloro...	20.69	2.6	ng/ul	274960	5	21.85	2143180	20.0
9-Borabicyclo[3.3...	20.80	2.3	ng/ul	249331	5	21.85	2143180	20.0
(DEL) Alkane: Str...	20.92	42.9	ng/ul	4592950	5	21.85	2143180	20.0
11H-Benzo[a]fluor...	21.23	2.7	ng/ul	290529	5	21.85	2143180	20.0
Benzamide, N-propyl-	21.42	55.5	ng/ul	5946580	5	21.85	2143180	20.0
(DEL) Alkane: Str...	21.45	65.9	ng/ul	7059750	5	21.85	2143180	20.0
Morpholine, 4-phe...	21.48	61.3	ng/ul	6572720	5	21.85	2143180	20.0
Benzene, 1-etheny...	21.57	218.8	ng/ul	23445000	5	21.85	2143180	20.0
Glyoxylamide, N-p...	21.63	13.2	ng/ul	1416000	5	21.85	2143180	20.0
(DEL) Alkane: Str...	22.01	80.3	ng/ul	8605610	5	21.85	2143180	20.0
(DEL) Alkane: Str...	22.39	2.3	ng/ul	240875	5	21.85	2143180	20.0
(DEL) Alkane: Str...	22.65	86.7	ng/ul	9291360	5	21.85	2143180	20.0
1,4-Benzenedicarb...	23.06	194.4	ng/ul	20830800	5	21.85	2143180	20.0
(DEL) Alkane: Str...	23.37	103.9	ng/ul	11130000	5	21.85	2143180	20.0
Squalene	23.56	4.3	ng/ul	1137890	6	25.23	5276180	20.0
(DEL) Alkane: Str...	26.38	12.0	ng/ul	3175510	6	25.23	5276180	20.0
(DEL) Alkane: Str...	27.81	8.5	ng/ul	2232840	6	25.23	5276180	20.0