

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
 Data File : BG022734.D
 Acq On : 30 Jun 2016 19:41
 Operator : UM/SJ
 Sample : H3759-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHN6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BG063016.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	3.243	67	69	71	rVB3	12725	10002	0.18%	0.017%
2	3.537	116	119	125	rBV5	12538	26467	0.49%	0.045%
3	3.789	159	162	163	rBV3	9375	9068	0.17%	0.015%
4	4.201	228	232	235	rVB4	7546	10358	0.19%	0.018%
5	4.776	324	330	332	rBV3	9389	9407	0.17%	0.016%
6	5.023	370	372	375	rVB3	7359	7275	0.13%	0.012%
7	5.064	375	379	381	rBV2	9257	9049	0.17%	0.015%
8	5.241	404	409	410	rBV4	8070	8699	0.16%	0.015%
9	5.258	410	412	415	rVB3	7291	7579	0.14%	0.013%
10	6.216	571	575	579	rBV5	10292	17799	0.33%	0.030%
11	6.345	591	597	598	rBV3	8468	9297	0.17%	0.016%
12	6.469	615	618	621	rVB3	8088	7394	0.14%	0.013%
13	6.521	621	627	630	rBV3	5287	10958	0.20%	0.019%
14	6.698	654	657	660	rVB2	5795	7294	0.13%	0.012%
15	6.733	660	663	666	rBV3	6390	7969	0.15%	0.014%
16	6.774	668	670	671	rBV2	7607	7113	0.13%	0.012%
17	7.309	755	761	775	rVB	720157	1342154	24.82%	2.284%
18	7.473	782	789	800	rBV	503564	871873	16.12%	1.483%
19	7.685	818	825	835	rBV	665250	1200018	22.19%	2.042%
20	7.749	835	836	842	rVB4	6836	9218	0.17%	0.016%
21	8.155	898	905	913	rBV	476612	885489	16.37%	1.507%
22	8.355	936	939	942	rBV4	6837	9847	0.18%	0.017%
23	8.866	1019	1026	1038	rBV	905864	1619357	29.94%	2.755%
24	8.989	1042	1047	1052	rBV3	27119	51311	0.95%	0.087%
25	9.259	1088	1093	1096	rBV5	7598	10632	0.20%	0.018%
26	9.330	1096	1105	1115	rBV	685202	1287152	23.80%	2.190%
27	9.412	1117	1119	1120	rBV	7046	6958	0.13%	0.012%
28	9.477	1129	1130	1135	rVB4	7662	9431	0.17%	0.016%
29	9.724	1167	1172	1177	rVB6	14508	25169	0.47%	0.043%
30	10.053	1221	1228	1236	rBV	644199	1190108	22.00%	2.025%
31	10.188	1246	1251	1252	rBV5	6127	7943	0.15%	0.014%
32	10.411	1285	1289	1292	rBV5	6939	10892	0.20%	0.019%
33	10.599	1312	1321	1331	rBV	1003742	1819487	33.64%	3.096%
34	10.987	1378	1387	1398	rBV	721572	1342097	24.81%	2.283%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
 Data File : BG022734.D
 Acq On : 30 Jun 2016 19:41
 Operator : UM/SJ
 Sample : H3759-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHN6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BG063016.M
 Title : SVOA CALIBRATION

35	11.116	1402	1409	1421	rBV	620393	1196627	22.12%	2.036%
36	11.762	1516	1519	1522	rBV4	5571	6915	0.13%	0.012%
37	12.315	1608	1613	1617	rVB7	5942	8803	0.16%	0.015%
38	12.444	1628	1635	1639	rBV7	10504	26964	0.50%	0.046%
39	12.556	1647	1654	1663	rVB3	19224	42659	0.79%	0.073%
40	13.049	1735	1738	1741	rBV3	7605	9481	0.18%	0.016%
41	13.090	1741	1745	1748	rVB2	5486	8823	0.16%	0.015%
42	13.149	1753	1755	1757	rBV3	11321	7538	0.14%	0.013%
43	13.402	1793	1798	1801	rVB6	15854	22511	0.42%	0.038%
44	13.678	1839	1845	1849	rBV5	26084	46553	0.86%	0.079%
45	14.195	1926	1933	1938	rBV	1932214	2892249	53.48%	4.921%
46	14.242	1938	1941	1949	rVV	495067	716487	13.25%	1.219%
47	14.318	1951	1954	1958	rVB6	9351	14100	0.26%	0.024%
48	14.494	1976	1984	1994	rBV	1855408	2972209	54.95%	5.057%
49	14.671	2011	2014	2019	rVB5	13070	19707	0.36%	0.034%
50	14.800	2030	2036	2044	rVB2	1300993	2146285	39.68%	3.652%
51	14.994	2063	2069	2079	rBV	557469	949434	17.55%	1.615%
52	15.153	2093	2096	2100	rBV6	15120	19262	0.36%	0.033%
53	15.205	2102	2105	2111	rVB7	30433	49456	0.91%	0.084%
54	15.417	2136	2141	2142	rBV5	9056	13135	0.24%	0.022%
55	15.581	2165	2169	2171	rBV3	15717	26662	0.49%	0.045%
56	15.623	2173	2176	2180	rVB2	42151	50522	0.93%	0.086%
57	15.793	2198	2205	2214	rBV	2725040	4270596	78.96%	7.266%
58	15.905	2217	2224	2231	rBV	685263	1063803	19.67%	1.810%
59	16.034	2240	2246	2250	rVB5	43101	75994	1.41%	0.129%
60	16.486	2318	2323	2331	rBV4	82307	152903	2.83%	0.260%
61	16.645	2349	2350	2352	rBV2	12789	8617	0.16%	0.015%
62	16.668	2352	2354	2356	rBV3	12537	15023	0.28%	0.026%
63	17.021	2413	2414	2418	rBV4	11349	7014	0.13%	0.012%
64	17.109	2425	2429	2430	rBV4	11533	10760	0.20%	0.018%
65	17.285	2455	2459	2464	rBV4	38982	61280	1.13%	0.104%
66	17.556	2498	2505	2515	rBV2	1781754	2824915	52.23%	4.806%
67	17.655	2515	2522	2530	rVV	2876577	4432893	81.96%	7.542%
68	18.032	2580	2586	2587	rBV6	21778	30040	0.56%	0.051%
69	18.425	2648	2653	2659	rBV2	222787	333322	6.16%	0.567%
70	19.342	2805	2809	2814	rBV5	73981	104284	1.93%	0.177%
71	19.571	2845	2848	2850	rBV	37454	47516	0.88%	0.081%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022734.D
Acq On : 30 Jun 2016 19:41
Operator : UM/SJ
Sample : H3759-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHN6

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0
Filtering: 5
Min Area: 0.1 % of largest Peak
Max Peaks: 100
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-BG063016.M
Title : SVOA CALIBRATION

72	19.688	2865	2868	2874	rBV8	95171	147076	2.72%	0.250%
73	19.941	2904	2911	2922	rVB	3510000	5408505	100.00%	9.202%
74	21.134	3110	3114	3119	rVB	1387374	1606895	29.71%	2.734%
75	21.463	3166	3170	3182	rBV2	391740	699118	12.93%	1.189%
76	21.557	3182	3186	3191	rVB	675187	854752	15.80%	1.454%
77	21.851	3230	3236	3244	rBV	1816049	3228540	59.69%	5.493%
78	22.285	3306	3310	3316	rVB2	404335	617053	11.41%	1.050%
79	22.802	3393	3398	3405	rVB	857331	1451215	26.83%	2.469%
80	24.988	3761	3770	3789	rVB2	1665164	5074539	93.83%	8.634%
81	25.217	3801	3809	3820	rVB3	1072601	3138158	58.02%	5.339%

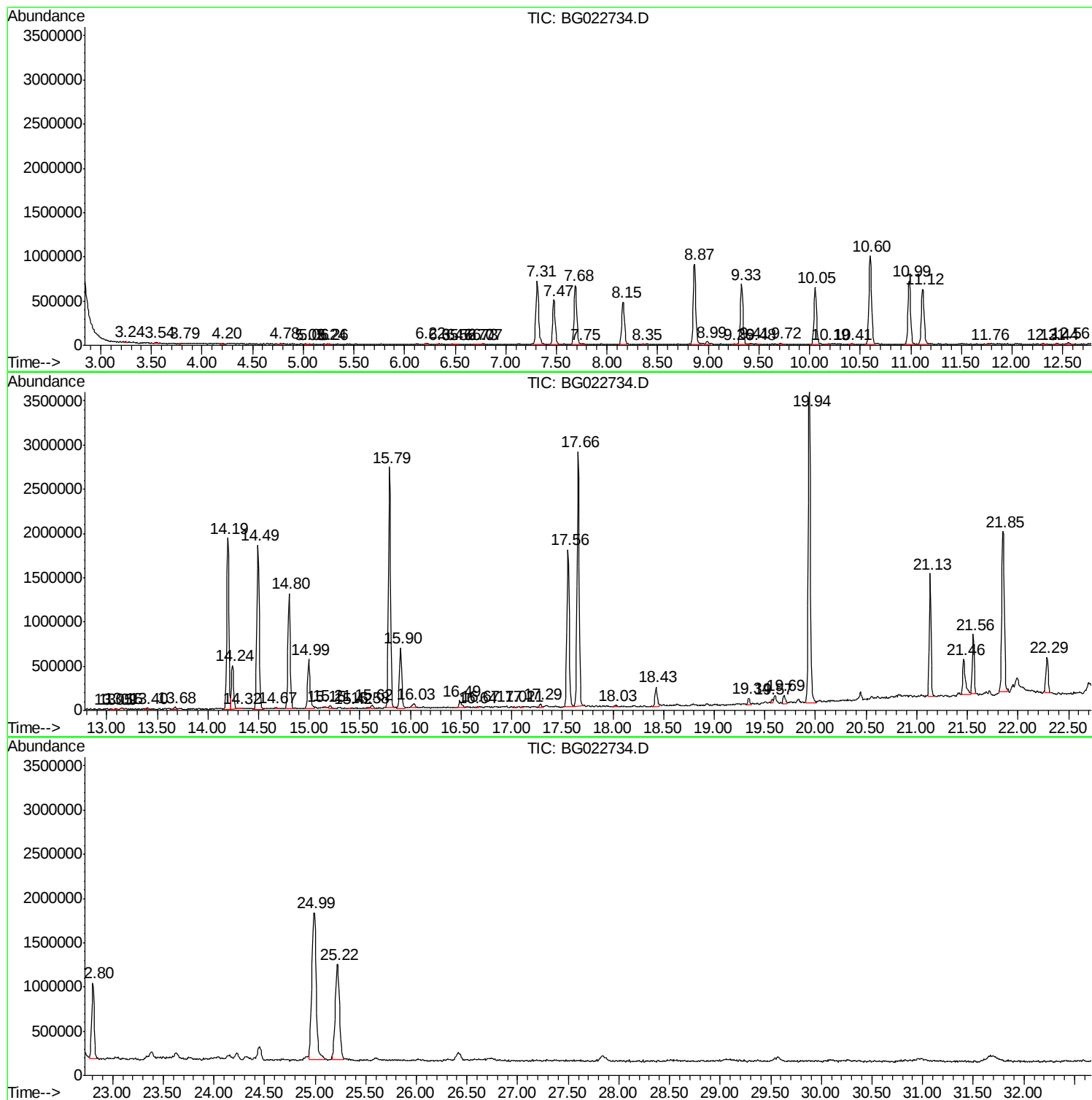
Sum of corrected areas: 58776057

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022734.D
Acq On : 30 Jun 2016 19:41
Operator : UM/SJ
Sample : H3759-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHN6

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022734.D
Acq On : 30 Jun 2016 19:41
Operator : UM/SJ
Sample : H3759-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHN6

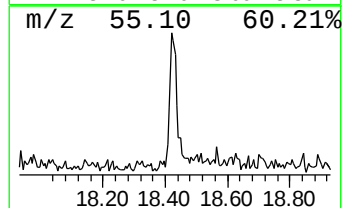
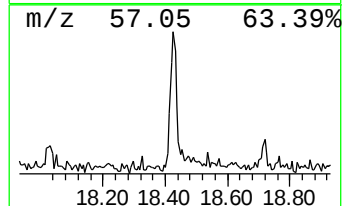
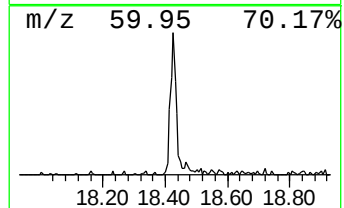
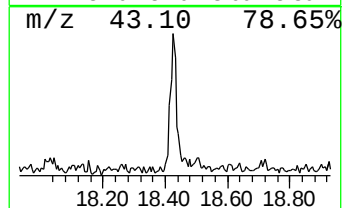
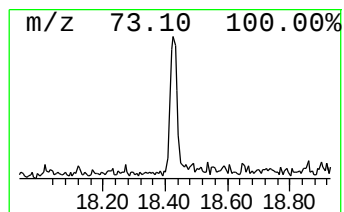
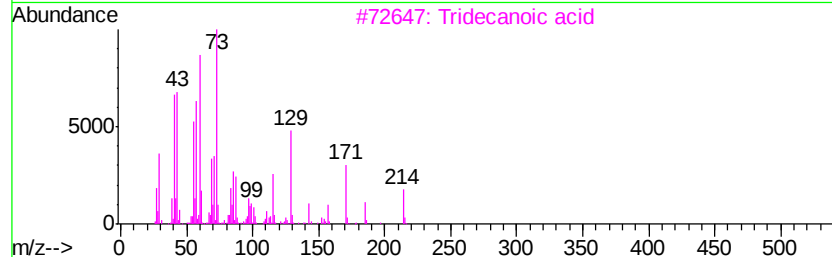
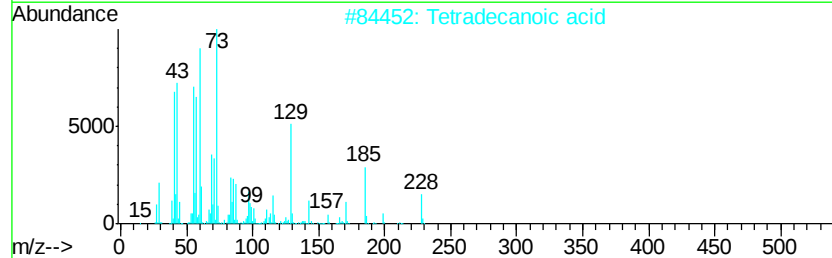
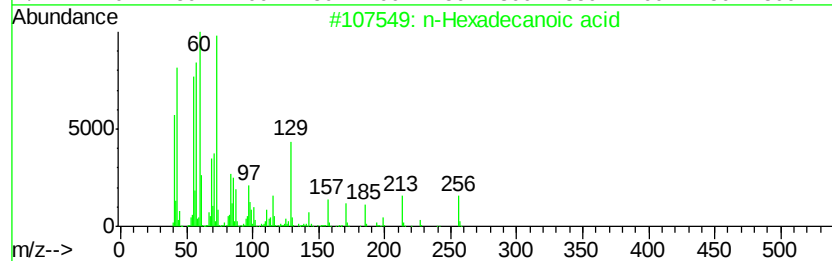
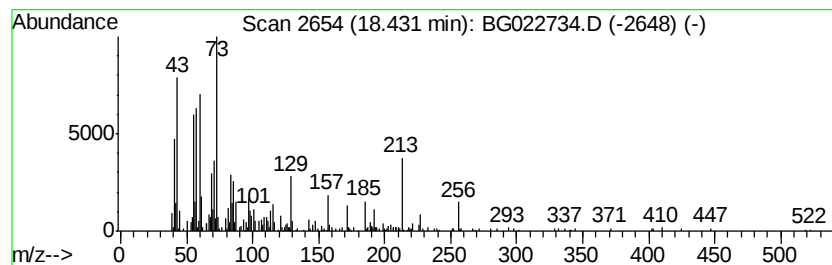
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.36 ng/ul	333322	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022734.D
Acq On : 30 Jun 2016 19:41
Operator : UM/SJ
Sample : H3759-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHN6

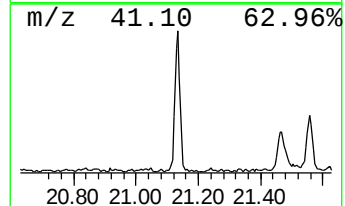
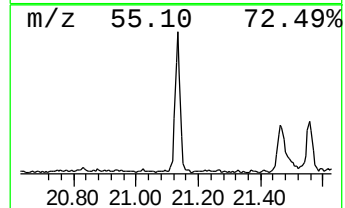
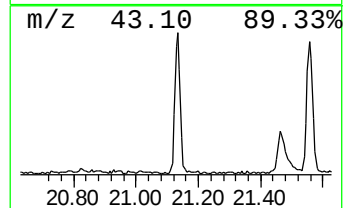
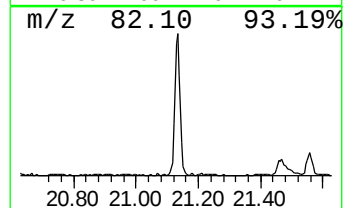
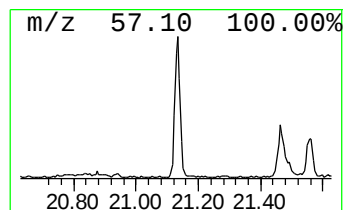
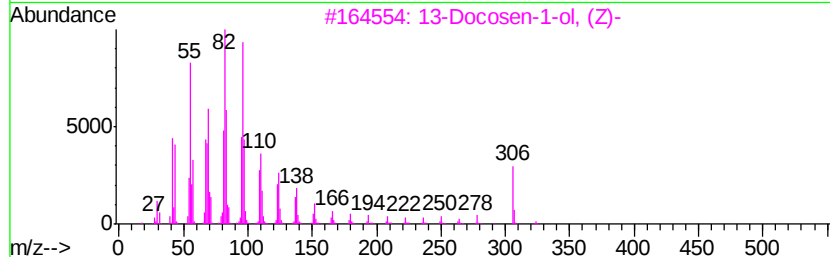
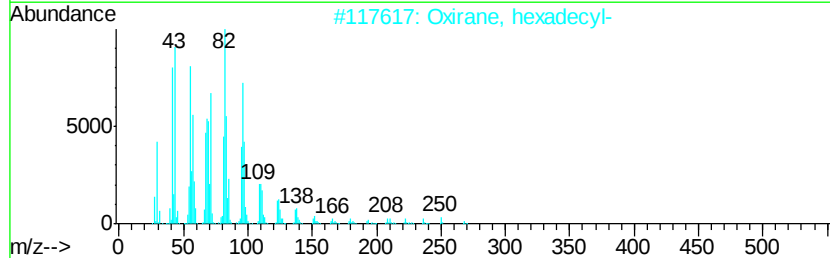
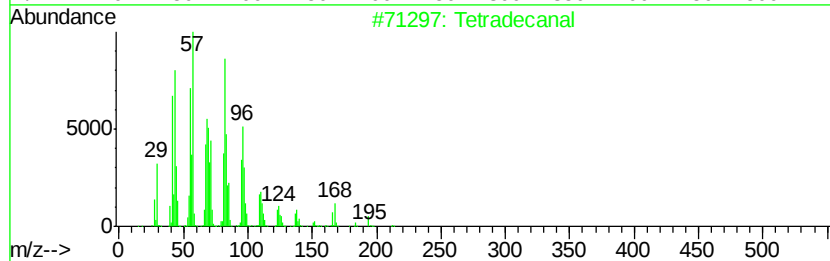
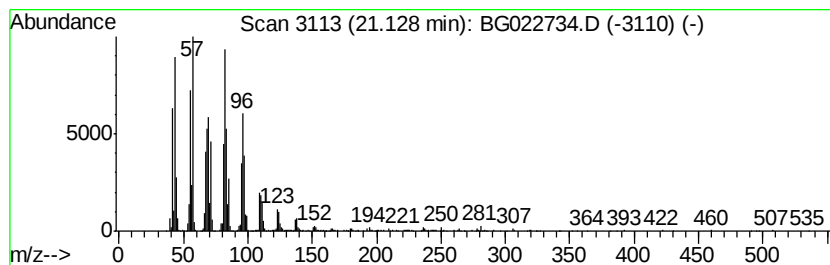
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tetradecanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	9.95 ng/ul	1606900	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanal	212	C14H28O	000124-25-4	95
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
3		13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	95
4		9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	94
5		17-Octadecenal	266	C18H34O	056554-86-0	94



Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022734.D
Acq On : 30 Jun 2016 19:41
Operator : UM/SJ
Sample : H3759-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

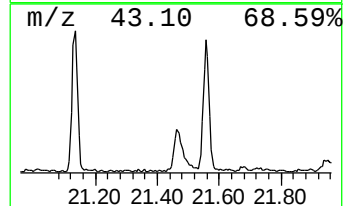
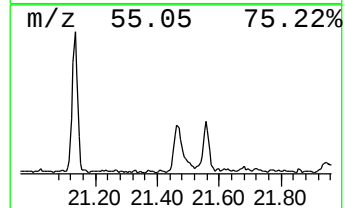
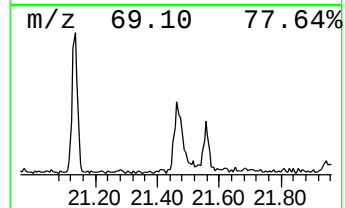
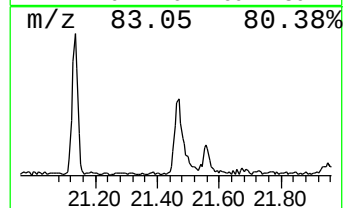
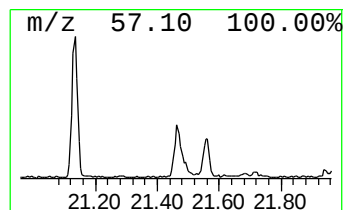
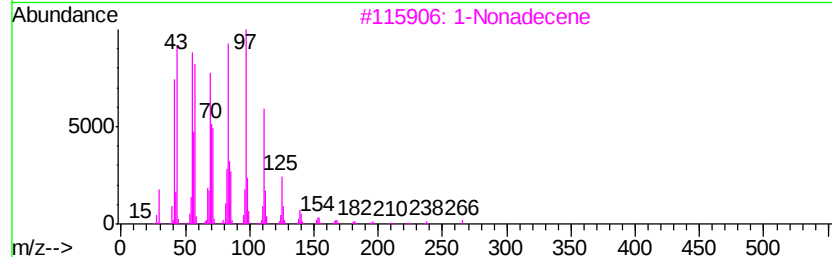
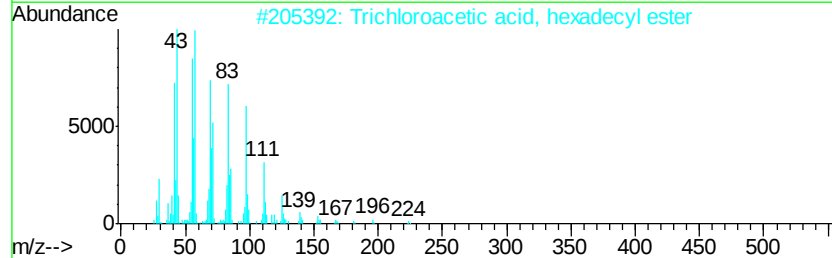
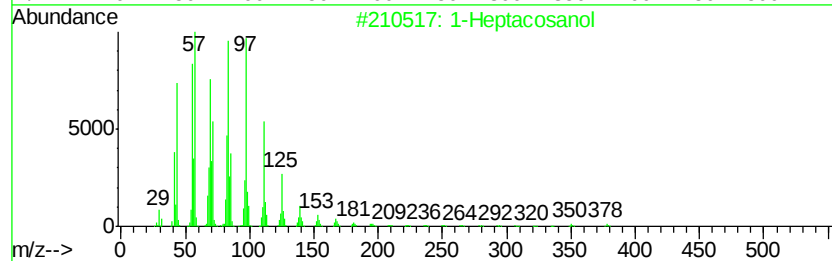
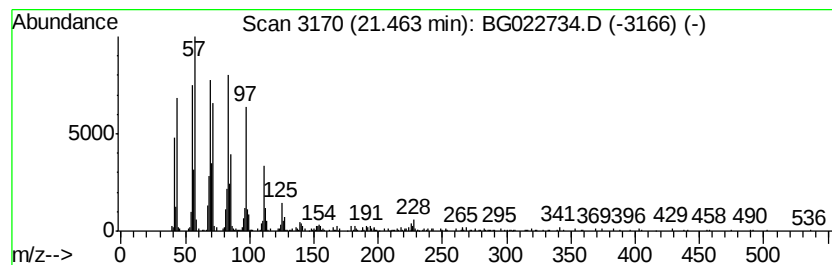
Instrument :
BNA_G
ClientSampleId :
BDHN6

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	4.33 ng/ul	699118	Chrysene-d12	21.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol		396 C27H56O	002004-39-9 91
2	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 87
3	1-Nonadecene		266 C19H38	018435-45-5 84
4	Nonadecyl trifluoroacetate		380 C21H39F3O2	1000351-76-3 74
5	Nonadecyl heptafluorobutyrate		480 C23H39F7O2	1000351-83-9 74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022734.D
Acq On : 30 Jun 2016 19:41
Operator : UM/SJ
Sample : H3759-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHN6

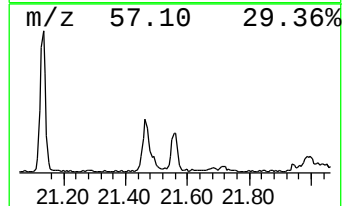
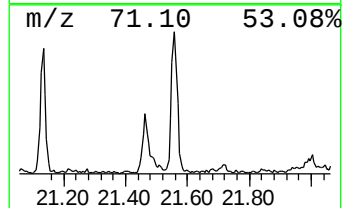
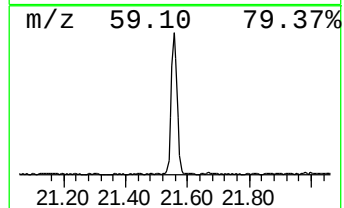
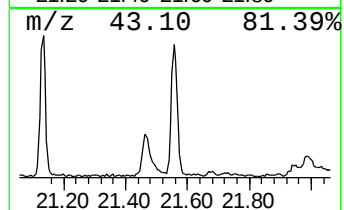
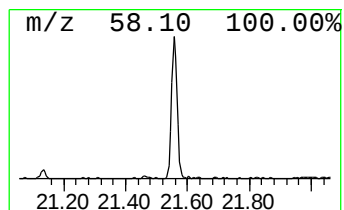
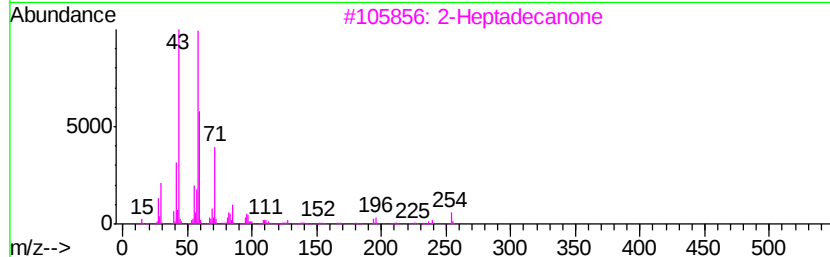
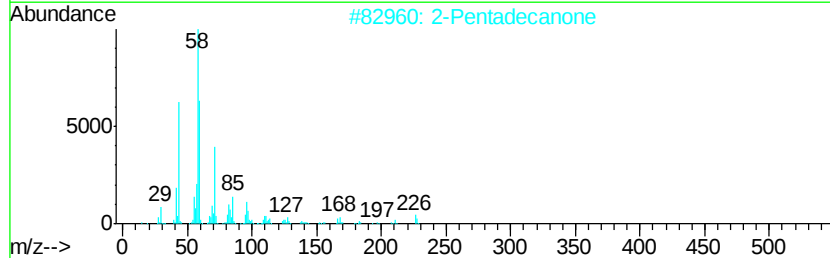
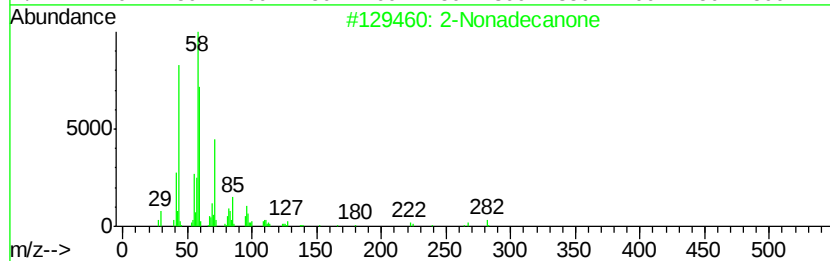
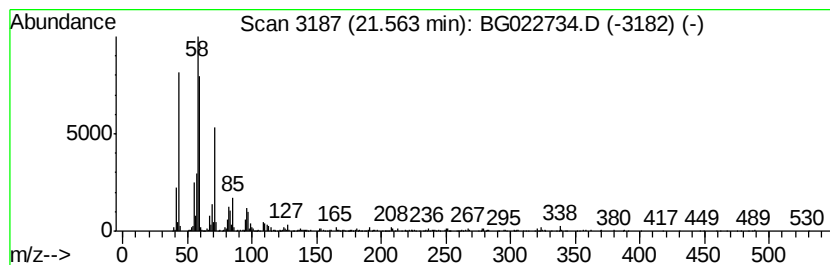
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 2-Nonadecanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	5.29 ng/ul	854752	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Nonadecanone	282	C19H38O	000629-66-3	90
2		2-Pentadecanone	226	C15H30O	002345-28-0	83
3		2-Heptadecanone	254	C17H34O	002922-51-2	83
4		2-Heptadecanone	254	C17H34O	002922-51-2	72
5		2-Tridecanone	198	C13H26O	000593-08-8	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022734.D
Acq On : 30 Jun 2016 19:41
Operator : UM/SJ
Sample : H3759-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

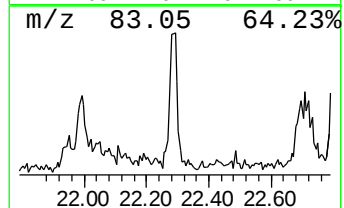
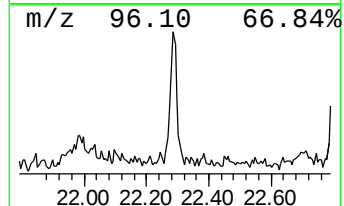
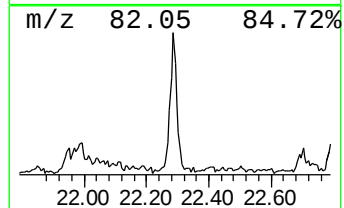
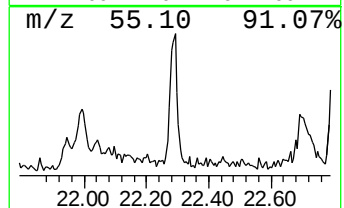
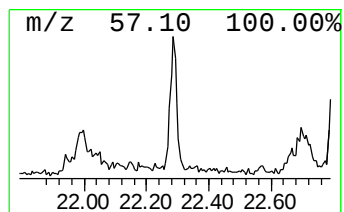
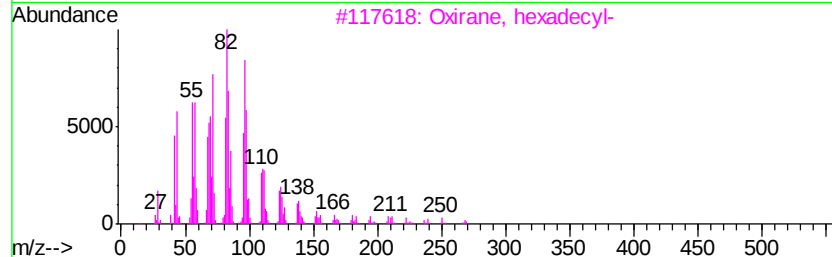
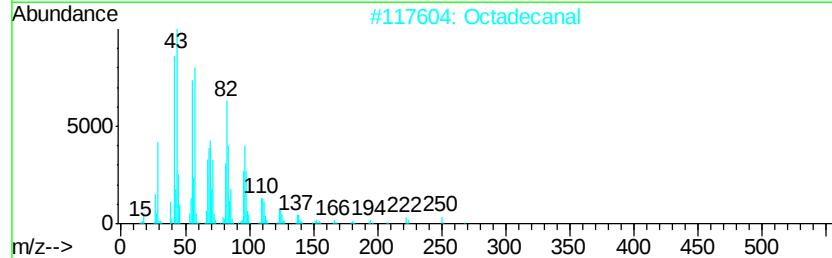
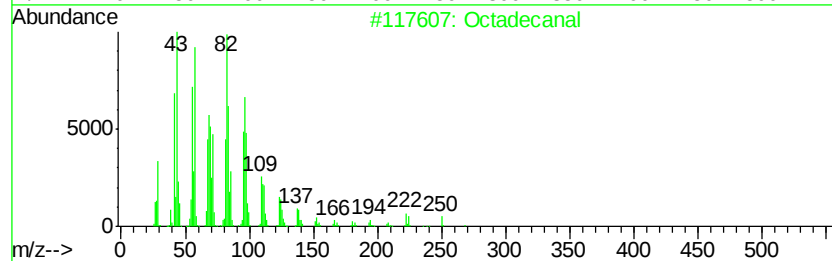
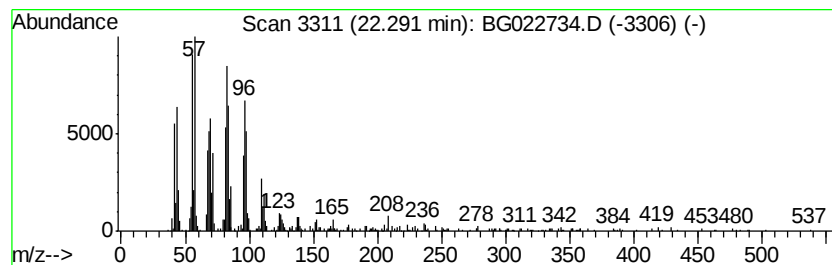
Instrument :
BNA_G
ClientSampleId :
BDHN6

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.29	3.82 ng/ul	617053	Chrysene-d12		21.85
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	89
4	1,19-Eicosadiene	278	C20H38	014811-95-1	87
5	Tetracosanal	352	C24H48O	057866-08-7	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022734.D
Acq On : 30 Jun 2016 19:41
Operator : UM/SJ
Sample : H3759-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHN6

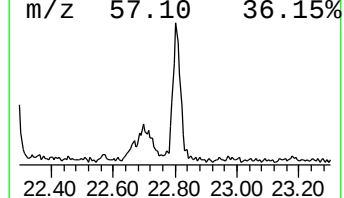
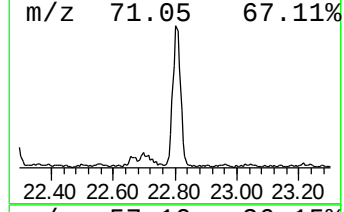
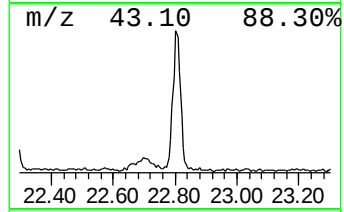
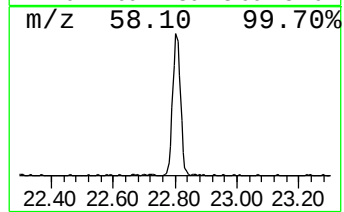
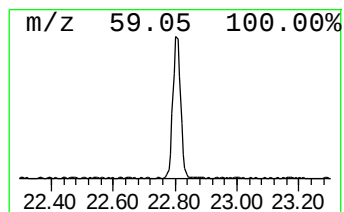
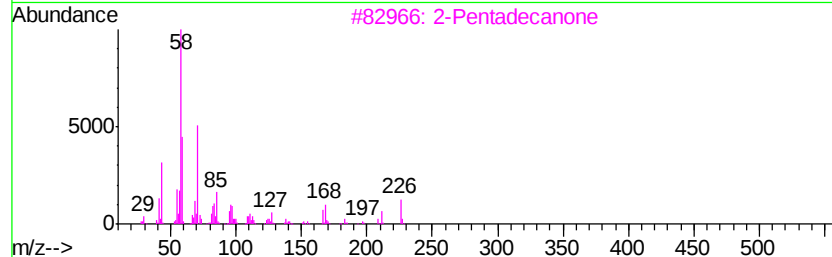
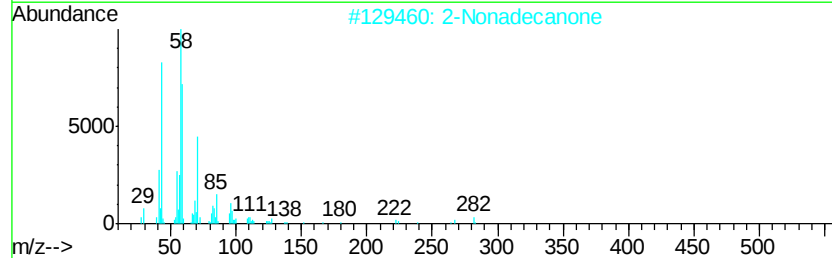
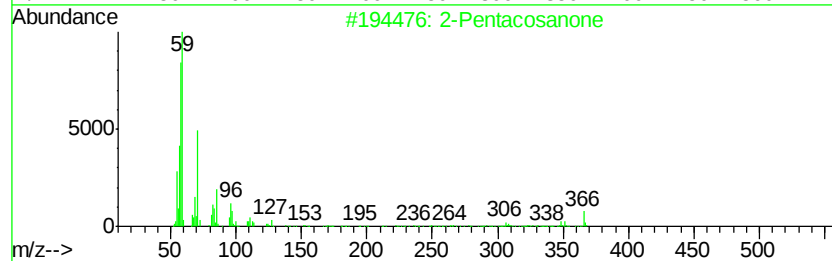
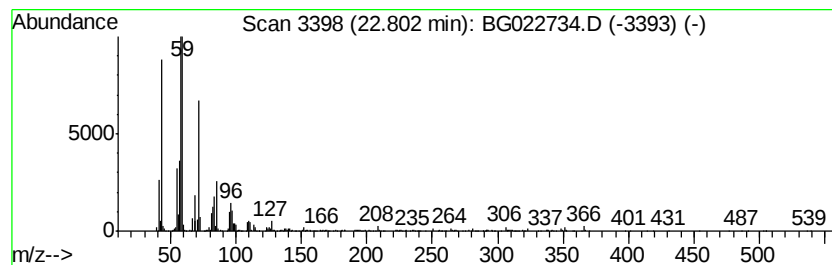
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 2-Pentacosanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	8.99 ng/ul	1451220	Chrysene-d12	21.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentacosanone	366	C25H50O	075207-54-4	90
2		2-Nonadecanone	282	C19H38O	000629-66-3	78
3		2-Pentadecanone	226	C15H30O	002345-28-0	53
4		2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	50
5		Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
Data File : BG022734.D
Acq On : 30 Jun 2016 19:41
Operator : UM/SJ
Sample : H3759-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHN6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.43	2.4	ng/ul	333322	4	17.56	2824920	20.0
Tetradecanal	21.13	9.9	ng/ul	1606900	5	21.85	3228540	20.0
1-Heptacosanol	21.46	4.3	ng/ul	699118	5	21.85	3228540	20.0
2-Nonadecanone	21.56	5.3	ng/ul	854752	5	21.85	3228540	20.0
Octadecanal	22.29	3.8	ng/ul	617053	5	21.85	3228540	20.0
2-Pentacosanone	22.80	9.0	ng/ul	1451220	5	21.85	3228540	20.0