

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
 Data File : BG024327.D
 Acq On : 13 Oct 2016 19:13
 Operator : UM/SJ
 Sample : H5164-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNM6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	3.649	135	138	147	rVB3	47306	67115	1.32%	0.093%
2	3.831	167	169	176	rVB6	17676	24980	0.49%	0.035%
3	4.413	264	268	274	rVB6	22025	32330	0.64%	0.045%
4	5.353	423	428	437	rVB2	50562	99877	1.97%	0.139%
5	5.923	521	525	530	rBV6	11189	21532	0.42%	0.030%
6	6.199	570	572	577	rVB5	10019	15754	0.31%	0.022%
7	6.252	577	581	585	rBV6	12446	18770	0.37%	0.026%
8	6.328	589	594	599	rBV9	13153	28999	0.57%	0.040%
9	6.487	615	621	623	rVB5	11950	18738	0.37%	0.026%
10	6.892	689	690	700	rVB10	11828	26036	0.51%	0.036%
11	7.180	733	739	740	rBV6	11698	20094	0.40%	0.028%
12	7.210	740	744	750	rVB8	18583	35365	0.70%	0.049%
13	7.357	762	769	770	rBV6	10416	16233	0.32%	0.023%
14	7.415	772	779	790	rVB	904982	1702623	33.58%	2.367%
15	7.603	799	811	822	rBV	605166	1079358	21.29%	1.501%
16	7.809	839	846	859	rVB	800909	1513487	29.85%	2.104%
17	8.291	916	928	938	rBV	842971	1562545	30.82%	2.173%
18	8.608	977	982	986	rVB7	10432	17552	0.35%	0.024%
19	8.978	1035	1045	1053	rBV2	1110723	2027123	39.98%	2.819%
20	9.207	1075	1084	1085	rVB9	8170	22372	0.44%	0.031%
21	9.460	1119	1127	1134	rBV	861092	1653652	32.61%	2.299%
22	9.519	1134	1137	1148	rVV2	62390	110621	2.18%	0.154%
23	9.818	1175	1188	1194	rBV2	23849	69475	1.37%	0.097%
24	10.189	1243	1251	1261	rVB	781492	1451713	28.63%	2.019%
25	10.353	1277	1279	1289	rBV	22437	54369	1.07%	0.076%
26	10.717	1331	1341	1357	rVV	1144570	2144456	42.29%	2.982%
27	10.835	1357	1361	1368	rVV9	10896	21698	0.43%	0.030%
28	11.117	1400	1409	1420	rVV	1237176	2259359	44.56%	3.142%
29	11.246	1422	1431	1440	rVB	1081644	1961466	38.69%	2.727%
30	11.569	1482	1486	1503	rVB2	29540	88945	1.75%	0.124%
31	11.787	1514	1523	1524	rBV8	7310	17086	0.34%	0.024%
32	12.310	1606	1612	1620	rVB10	12177	34686	0.68%	0.048%
33	12.456	1634	1637	1641	rVB5	10307	15592	0.31%	0.022%
34	12.568	1652	1656	1660	rVB6	11000	20580	0.41%	0.029%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
 Data File : BG024327.D
 Acq On : 13 Oct 2016 19:13
 Operator : UM/SJ
 Sample : H5164-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNM6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Title : SVOA CALIBRATION

35	12.680	1670	1675	1682	rVB5	31275	56770	1.12%	0.079%
36	13.138	1750	1753	1759	rBV7	14043	26969	0.53%	0.037%
37	13.256	1769	1773	1778	rBV8	10431	19010	0.37%	0.026%
38	13.491	1809	1813	1818	rVB8	14168	26837	0.53%	0.037%
39	13.690	1843	1847	1852	rBV8	8185	17167	0.34%	0.024%
40	13.761	1855	1859	1867	rVB4	46205	92887	1.83%	0.129%
41	13.884	1878	1880	1884	rVB3	12880	16218	0.32%	0.023%
42	14.102	1913	1917	1921	rBV6	10726	16016	0.32%	0.022%
43	14.295	1942	1950	1954	rVV	1983811	3002659	59.22%	4.175%
44	14.342	1954	1958	1965	rVB	1678383	2415154	47.63%	3.358%
45	14.601	1994	2002	2011	rBV	2061073	3373320	66.53%	4.691%
46	14.760	2020	2029	2035	rBV5	50154	86512	1.71%	0.120%
47	14.901	2045	2053	2061	rVV	1975624	3247261	64.04%	4.515%
48	15.065	2073	2081	2090	rVV	966989	1577744	31.12%	2.194%
49	15.194	2100	2103	2108	rBV6	13154	22196	0.44%	0.031%
50	15.265	2111	2115	2120	rBV2	81000	122868	2.42%	0.171%
51	15.306	2120	2122	2129	rVB7	17589	24117	0.48%	0.034%
52	15.371	2129	2133	2139	rVB7	20155	30441	0.60%	0.042%
53	15.441	2140	2145	2149	rVB6	13824	19925	0.39%	0.028%
54	15.659	2179	2182	2186	rVV4	27975	44720	0.88%	0.062%
55	15.706	2186	2190	2194	rVB	133398	174024	3.43%	0.242%
56	15.758	2195	2199	2204	rBV7	13446	18267	0.36%	0.025%
57	15.888	2213	2221	2228	rVB	2716262	4289065	84.59%	5.964%
58	15.988	2231	2238	2247	rBV	896060	1422541	28.06%	1.978%
59	16.111	2250	2259	2268	rBV7	59895	184606	3.64%	0.257%
60	16.205	2272	2275	2279	rVB6	15522	22420	0.44%	0.031%
61	16.252	2281	2283	2288	rBV5	17479	26493	0.52%	0.037%
62	16.328	2292	2296	2299	rBV6	29780	40648	0.80%	0.057%
63	16.522	2324	2329	2331	rBV6	20459	27158	0.54%	0.038%
64	16.563	2331	2336	2348	rVV	162832	313952	6.19%	0.437%
65	16.834	2378	2382	2390	rBV10	21265	46315	0.91%	0.064%
66	16.910	2390	2395	2401	rBV9	30225	66273	1.31%	0.092%
67	16.998	2407	2410	2413	rBV4	15512	18951	0.37%	0.026%
68	17.069	2419	2422	2428	rVB7	21622	23330	0.46%	0.032%
69	17.139	2430	2434	2437	rVB6	15171	20574	0.41%	0.029%
70	17.357	2466	2471	2474	rBV	106167	124583	2.46%	0.173%
71	17.404	2476	2479	2483	rBV5	35283	42526	0.84%	0.059%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
 Data File : BG024327.D
 Acq On : 13 Oct 2016 19:13
 Operator : UM/SJ
 Sample : H5164-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNM6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Title : SVOA CALIBRATION

72	17.515	2494	2498	2504	rBV9	12999	16220	0.32%	0.023%
73	17.645	2513	2520	2528	rBV	2169901	3544037	69.90%	4.928%
74	17.738	2530	2536	2547	rVB	2699903	4305528	84.92%	5.987%
75	17.880	2555	2560	2563	rBV5	37559	51243	1.01%	0.071%
76	17.927	2564	2568	2573	rVV2	85586	107925	2.13%	0.150%
77	17.985	2573	2578	2588	rVB5	95749	170769	3.37%	0.237%
78	18.097	2592	2597	2601	rVB4	43044	57131	1.13%	0.079%
79	18.485	2657	2663	2675	rBV2	499412	738354	14.56%	1.027%
80	19.143	2772	2775	2778	rBV4	19467	30800	0.61%	0.043%
81	19.178	2778	2781	2785	rVB4	56744	71784	1.42%	0.100%
82	19.225	2785	2789	2793	rBV	119063	154174	3.04%	0.214%
83	19.343	2805	2809	2812	rVB5	36541	45983	0.91%	0.064%
84	19.613	2851	2855	2856	rBV3	39401	53267	1.05%	0.074%
85	19.742	2873	2877	2891	rBV2	287052	427421	8.43%	0.594%
86	19.895	2901	2903	2909	rVB6	40176	60771	1.20%	0.085%
87	20.012	2915	2923	2932	rBV	3326119	5070298	100.00%	7.050%
88	20.288	2965	2970	2973	rBV	621024	715536	14.11%	0.995%
89	20.330	2973	2977	2984	rVB	1126311	1316911	25.97%	1.831%
90	20.471	2998	3001	3006	rBV7	33925	56889	1.12%	0.079%
91	21.299	3138	3142	3145	rBV	234778	306329	6.04%	0.426%
92	21.334	3145	3148	3154	rVB	476495	604506	11.92%	0.841%
93	21.522	3175	3180	3190	rBV	401847	706302	13.93%	0.982%
94	21.939	3244	3251	3262	rVB	2309924	4085284	80.57%	5.681%
95	22.456	3334	3339	3343	rBV7	98200	175173	3.45%	0.244%
96	22.498	3343	3346	3354	rVB3	196894	317659	6.27%	0.442%
97	23.955	3589	3594	3597	rBV6	68693	109926	2.17%	0.153%
98	24.014	3599	3604	3613	rVB5	177328	379632	7.49%	0.528%
99	25.153	3786	3798	3811	rVB2	1562735	4763396	93.95%	6.623%
100	25.388	3827	3838	3851	rVB2	1290079	4119310	81.24%	5.728%

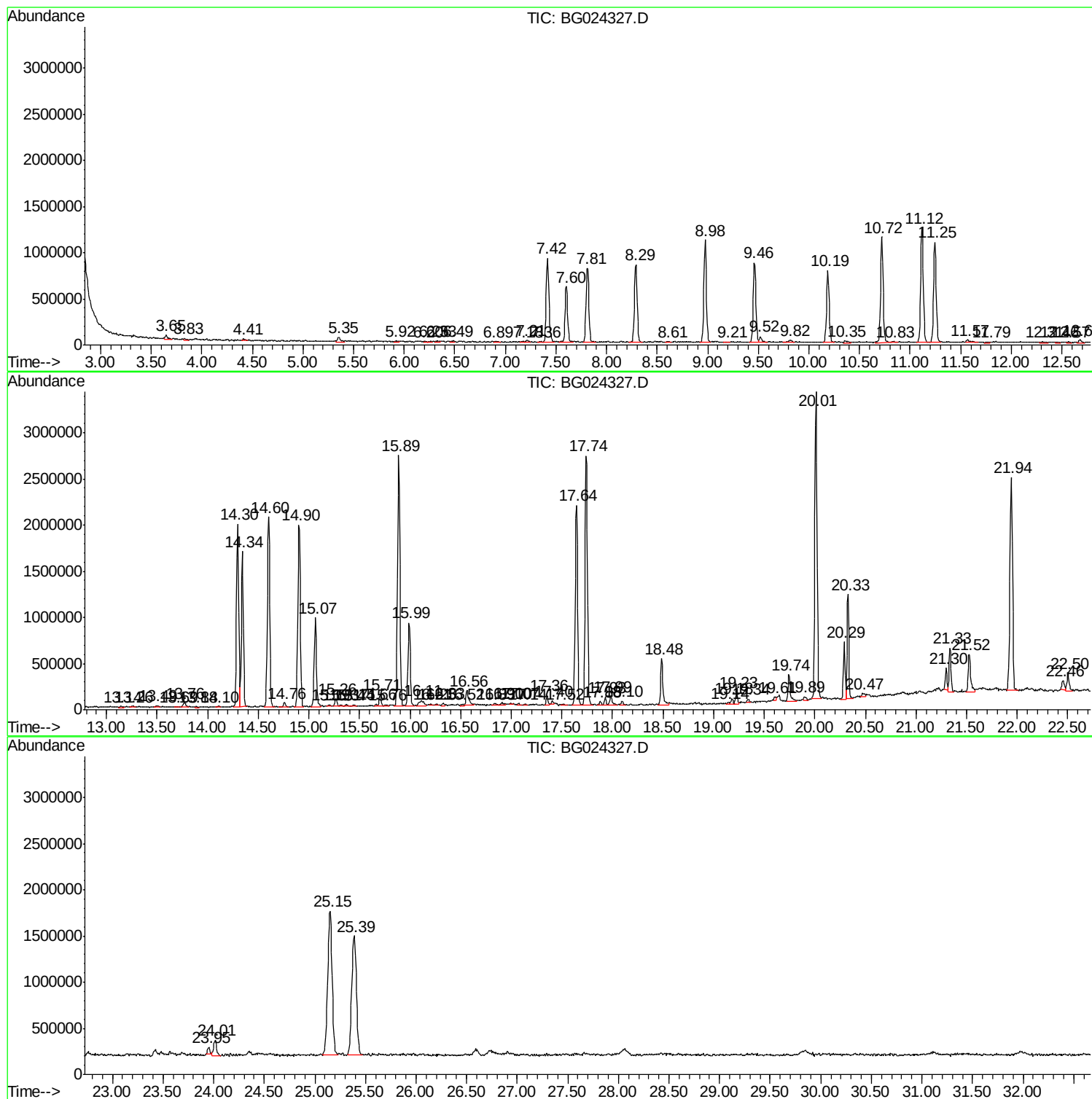
Sum of corrected areas: 71917656

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024327.D
Acq On : 13 Oct 2016 19:13
Operator : UM/SJ
Sample : H5164-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM6

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024327.D
Acq On : 13 Oct 2016 19:13
Operator : UM/SJ
Sample : H5164-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM6

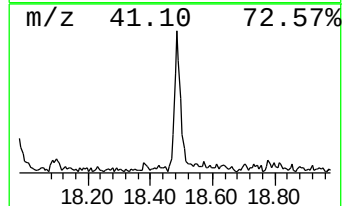
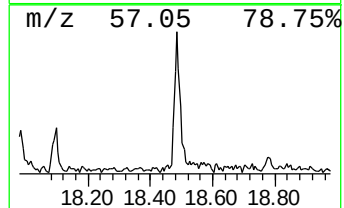
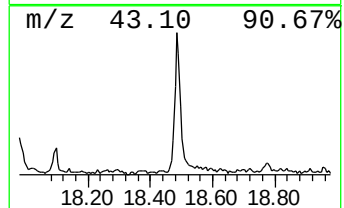
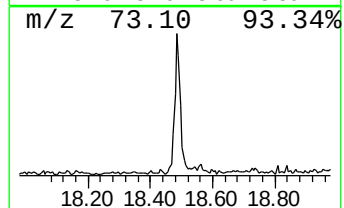
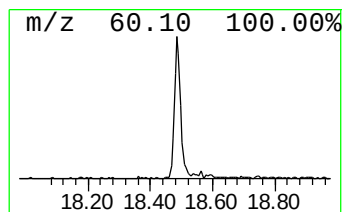
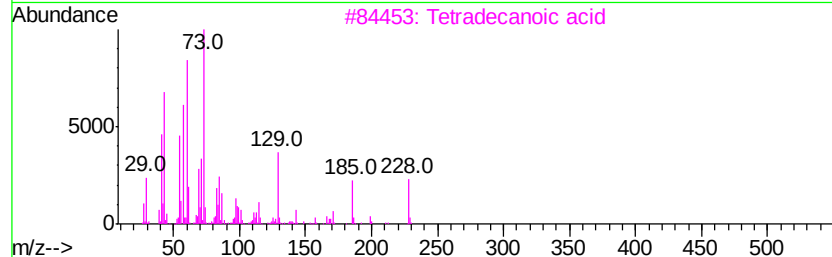
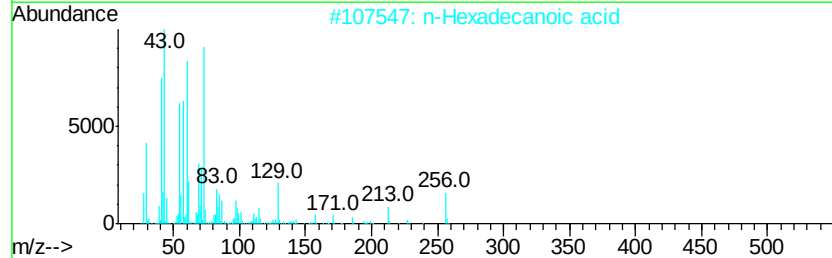
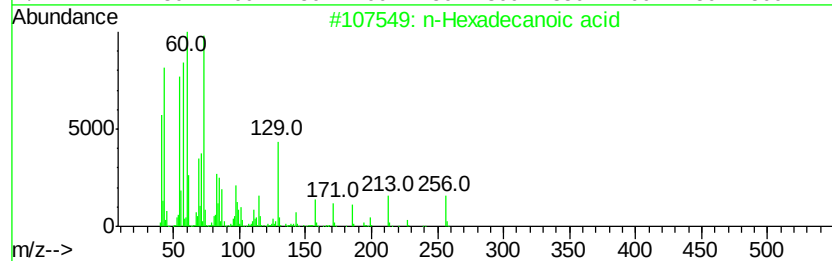
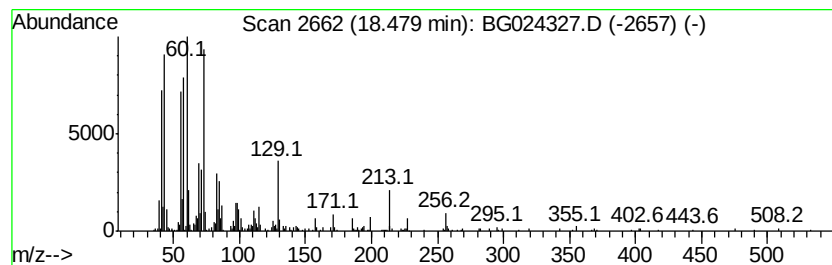
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	4.17 ng/ul	738354	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024327.D
Acq On : 13 Oct 2016 19:13
Operator : UM/SJ
Sample : H5164-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM6

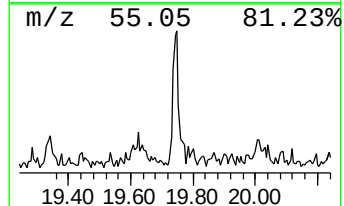
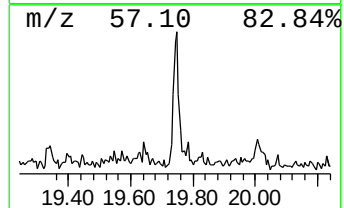
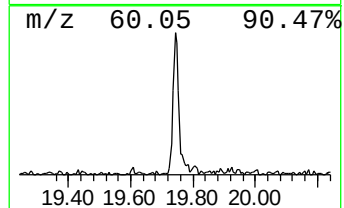
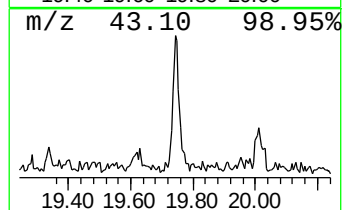
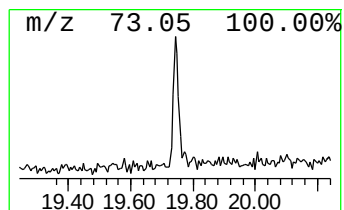
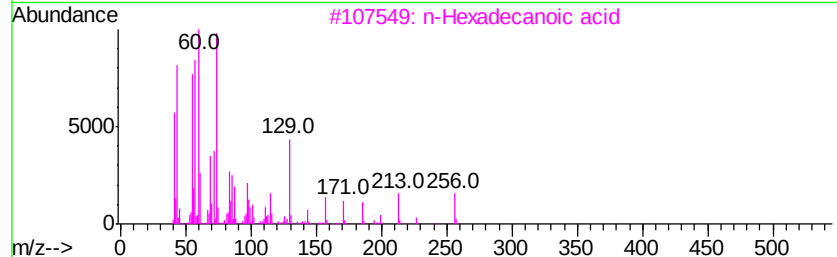
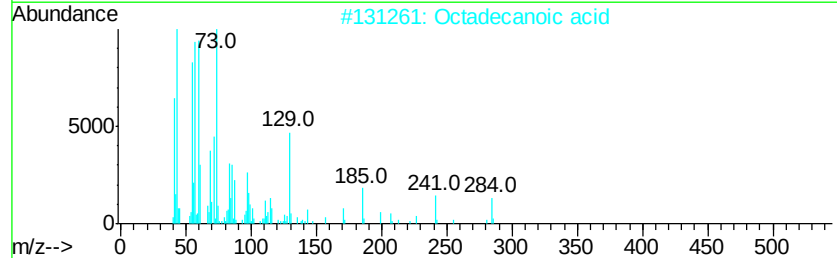
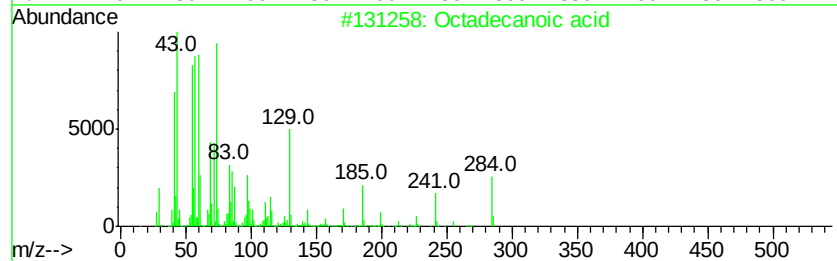
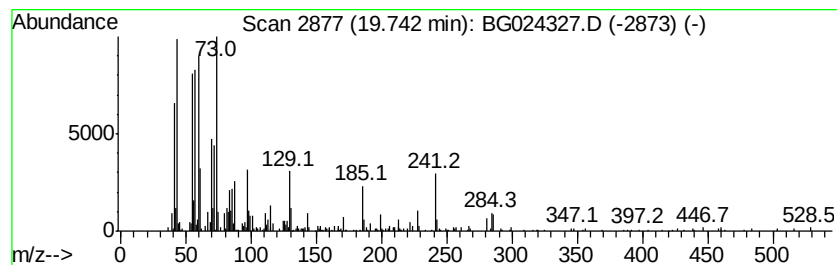
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.41 ng/ul	427421	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	78	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024327.D
Acq On : 13 Oct 2016 19:13
Operator : UM/SJ
Sample : H5164-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM6

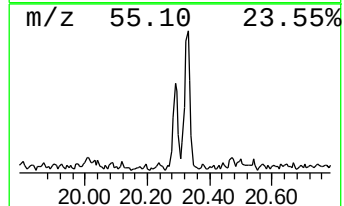
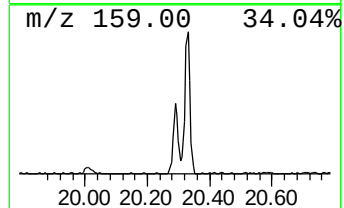
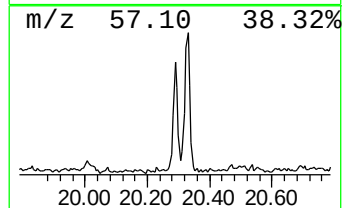
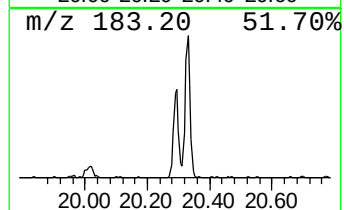
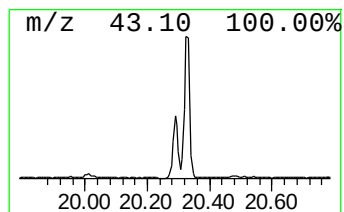
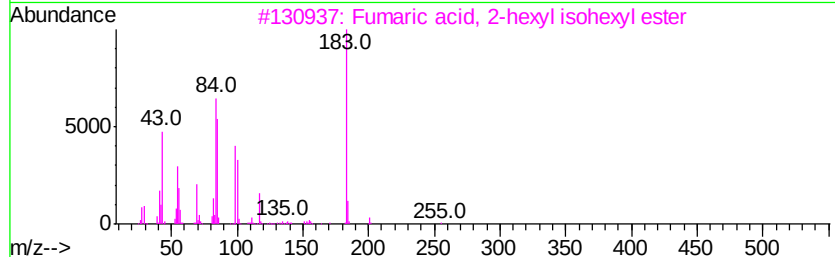
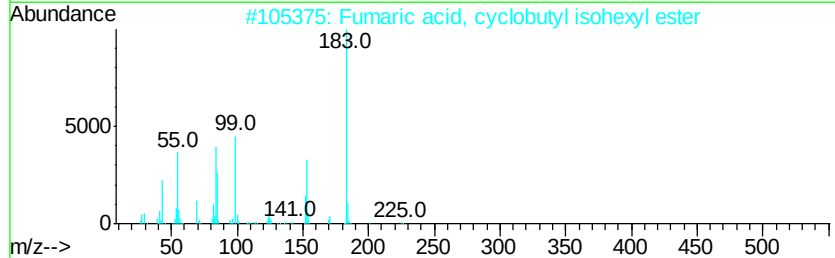
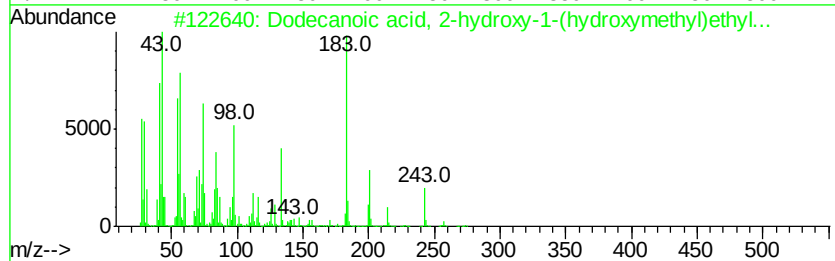
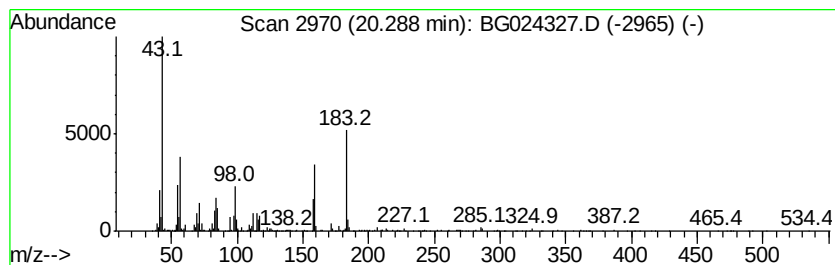
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Dodecanoic acid, 2-hydroxy-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	3.50 ng/ul	715536	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl...	274	C15H30O4	001678-45-1	53
2		Fumaric acid, cyclobutyl isohexyl ester	254	C14H22O4	1000345-03-5	38
3		Fumaric acid, 2-hexyl isohexyl ester	284	C16H28O4	1000348-74-4	38
4		Lauric acid, 3,4-dichlorophenyl ester	344	C18H26Cl2O2	1000357-92-7	35
5		Fumaric acid, isohexyl pentafluorophenyl ester	366	C16H15F5O4	1000348-09-7	32



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024327.D
Acq On : 13 Oct 2016 19:13
Operator : UM/SJ
Sample : H5164-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM6

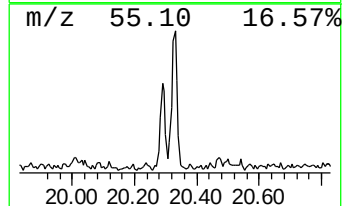
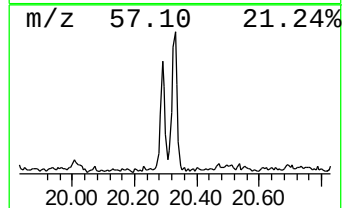
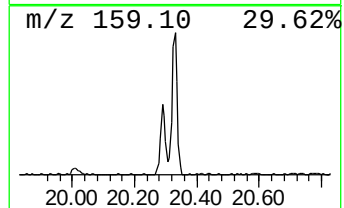
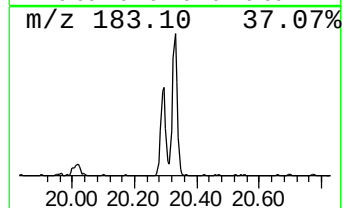
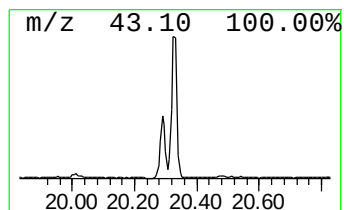
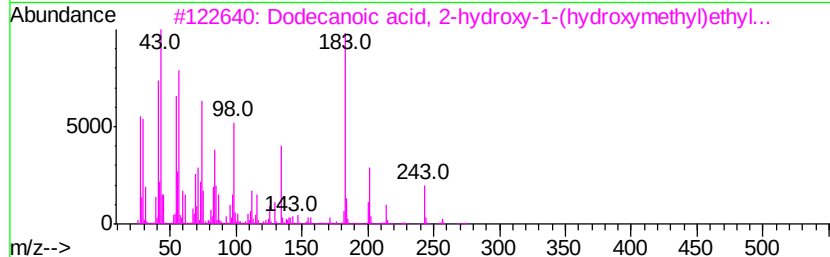
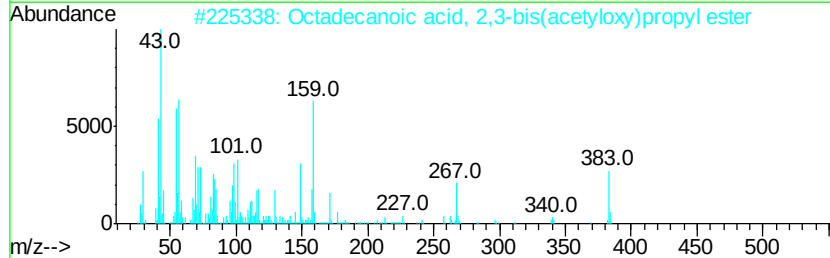
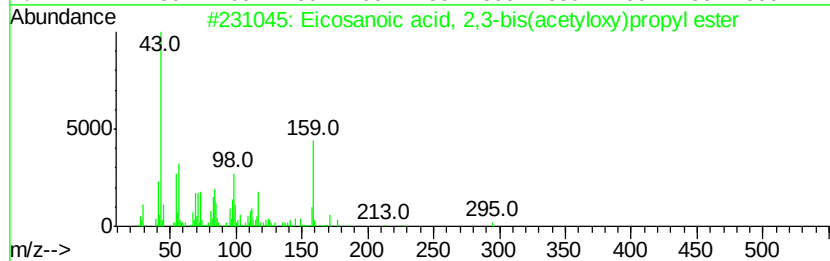
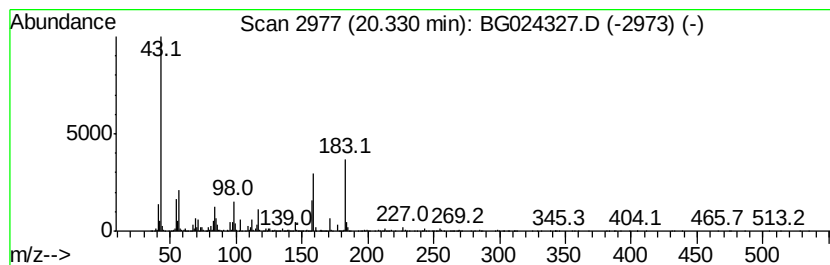
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	6.45 ng/ul	1316910	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	42
2		Octadecanoic acid, 2,3-bis(acety...	442	C25H46O6	033599-07-4	40
3		Dodecanoic acid, 2-hydroxy-1-(hv...	274	C15H30O4	001678-45-1	38
4		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	27
5		9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	17



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024327.D
Acq On : 13 Oct 2016 19:13
Operator : UM/SJ
Sample : H5164-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM6

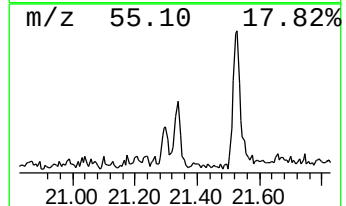
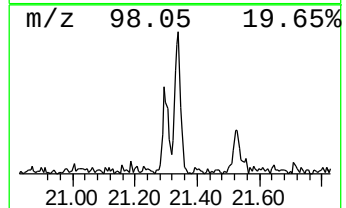
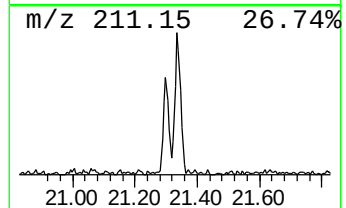
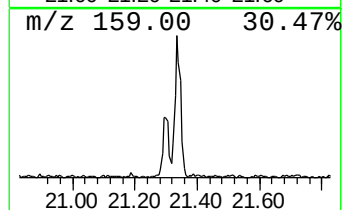
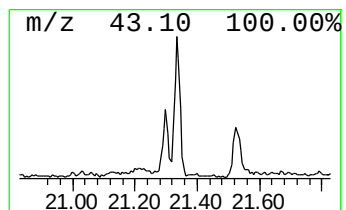
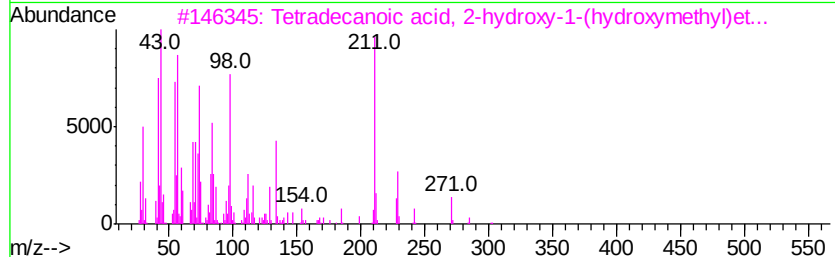
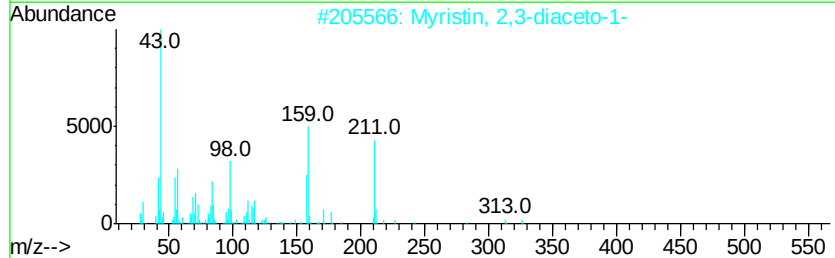
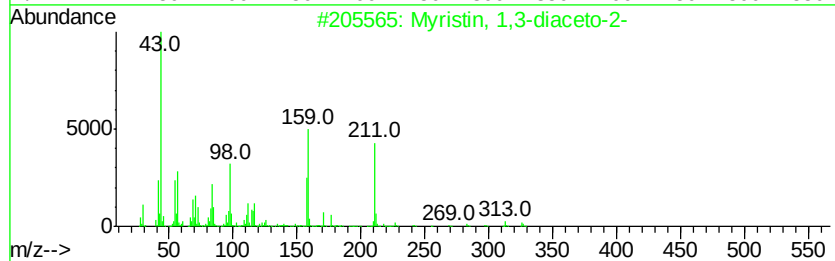
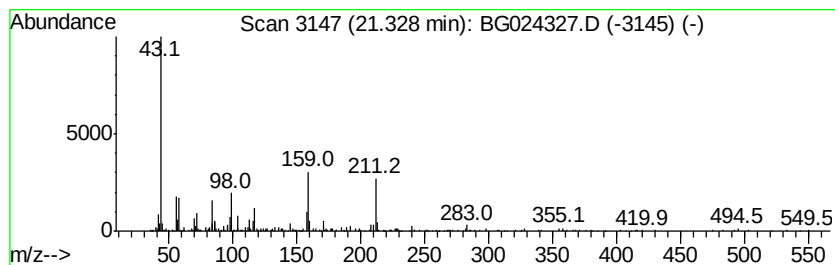
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Myristin, 1,3-diaceto-2- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.96 ng/ul	604506	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	64
2		Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	59
3		Tetradecanoic acid, 2-hydroxy-1-...	302	C17H34O4	003443-83-2	25
4		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	22
5		9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	16



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101316\
Data File : BG024327.D
Acq On : 13 Oct 2016 19:13
Operator : UM/SJ
Sample : H5164-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM6

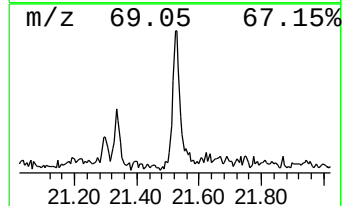
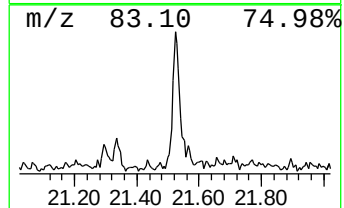
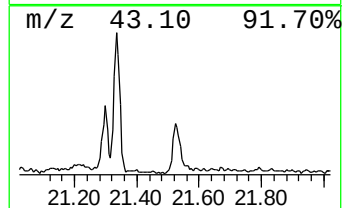
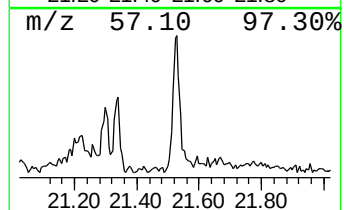
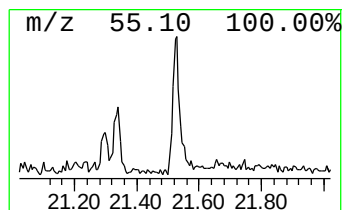
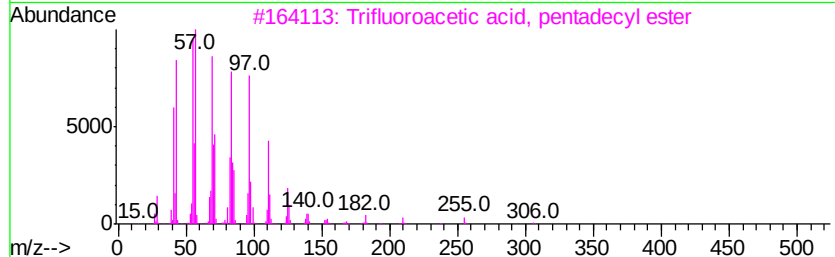
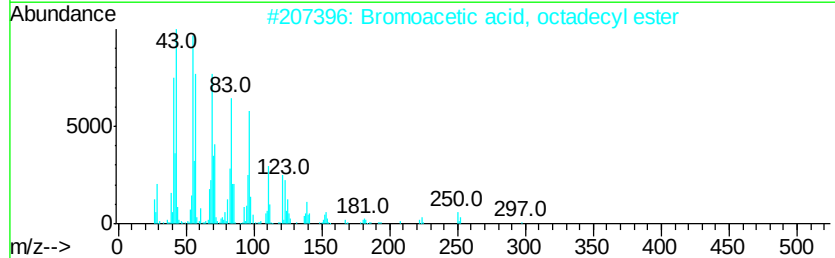
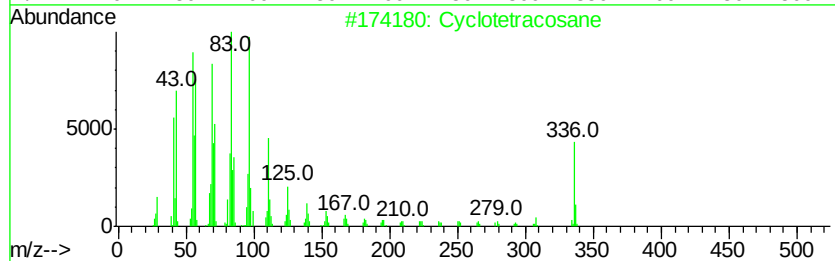
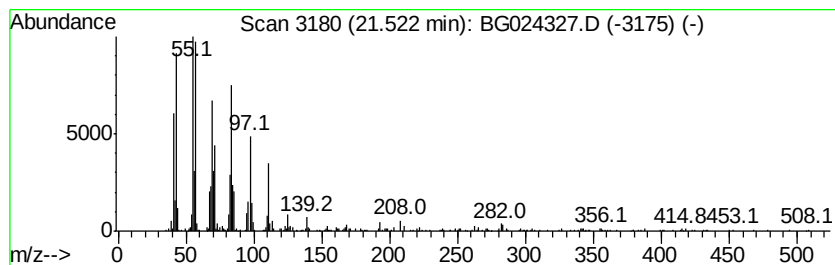
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.52 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	3.46 ng/ul	706302	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	95
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
4		Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	90
5		Cyclohexadecane	224	C16H32	000295-65-8	89



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101316\
Data File : BG024327.D
Acq On : 13 Oct 2016 19:13
Operator : UM/SJ
Sample : H5164-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNM6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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	18.48	4.2	ng/ul	738354	4	17.64	3544040	20.0
Octadecanoic acid	19.74	2.4	ng/ul	427421	4	17.64	3544040	20.0
Dodecanoic acid, ...	20.29	3.5	ng/ul	715536	5	21.94	4085280	20.0
unknown-01	20.33	6.5	ng/ul	1316910	5	21.94	4085280	20.0
Myristin, 1,3-dia...	21.33	3.0	ng/ul	604506	5	21.94	4085280	20.0
(DEL) Alkane: Cyc...	21.52	3.5	ng/ul	706302	5	21.94	4085280	20.0