LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021915.D
Acq On : 16 May 2016 20:45
Operator : UM/SJ
Sample : H3095-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE3

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-BG050916.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	3.234	63	67	73	rVB2	11126	18544	1.15%	0.112%
2	3.328	78	83	90	rVB8	6270	13910	0.87%	0.084%
3	3.551	116	121	131	rVB2	6818	12180	0.76%	0.074%
4	4.080	206	211	218	rVB3	9061	17146	1.07%	0.104%
5	4.315	246	251	254	rBV3	2404	4242	0.26%	0.026%
6	5.332	420	424	427	rBV2	3049	3812	0.24%	0.023%
7	5.796	497	503	512	rVB5	2656	6160	0.38%	0.037%
8	6.160	560	565	569	rBV5	2573	4527	0.28%	0.027%
9	6.812	669	676	681	rVB6	1983	4839	0.30%	0.029%
10	7.141	728	732	737	rBV6	3800	7610	0.47%	0.046%
11	7.323	755	763	772	rBV	115986	236266	14.70%	1.426%
12	7.488	784	791	800	rBV	106285	203518	12.66%	1.229%
13	7.699	819	827	835	rBV	141515	278991	17.36%	1.684%
14	7.811	843	846	850	rVB	3462	4595	0.29%	0.028%
15	8.169	896	907	918	rVB	168704	335222	20.85%	2.024%
16	8.804	1012	1015	1019	rBV6	2300	4174	0.26%	0.025%
17	8.874	1019	1027	1041	rVV2	130681	274633	17.09%	1.658%
18	9.004	1043	1049	1054	rVB7	3194	6824	0.42%	0.041%
19	9.339	1098	1106	1118	rVV	117774	259913	16.17%	1.569%
20	9.438	1118	1123	1128	rVV3	9903	21098	1.31%	0.127%
21	9.485	1128	1131	1135	rVB5	2367	3775	0.23%	0.023%
22	10.061	1221	1229	1240	rBV	95009	206243	12.83%	1.245%
23	10.379	1279	1283	1285	rBV3	3184	4312	0.27%	0.026%
24	10.608	1314	1322	1336	rBV	187283	379535	23.61%	2.291%
25	10.937	1372	1378	1380	rBV3	6200	9547	0.59%	0.058%
26	10.990	1380	1387	1402	rVB	287159	597492	37.17%	3.607%
27	11.125	1402	1410	1421	rBV	83779	200296	12.46%	1.209%
28	11.871	1532	1537	1547	rVB7	2474	5939	0.37%	0.036%
29	11.983	1550	1556	1561	rBV3	9615	17768	1.11%	0.107%
30	12.370	1617	1622	1629	rBV2	9792	16779	1.04%	0.101%
31	12.564	1649	1655	1657	rBV3	3834	6589	0.41%	0.040%
32	12.635	1661	1667	1673	rBV	13648	24916	1.55%	0.150%
33	12.852	1698	1704	1711	rBV	12034	23241	1.45%	0.140%
34	13.064	1735	1740	1744	rBV5	2370	4249	0.26%	0.026%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021915.D
Acq On : 16 May 2016 20:45
Operator : UM/SJ
Sample : H3095-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE3

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-BG050916.M
Title : SVOA CALIBRATION

35	13.246	1766	1771	1777	rBV5	2570	5585	0.35%	0.034%
36	13.316	1777	1783	1789	rVV2	7798	14221	0.88%	0.086%
37	13.393	1792	1796	1804	rVB3	4017	7511	0.47%	0.045%
38	13.598	1825	1831	1836	rBV3	14103	22951	1.43%	0.139%
39	13.669	1841	1843	1847	rVB4	3894	3997	0.25%	0.024%
40	13.839	1867	1872	1874	rVV4	2238	4305	0.27%	0.026%
41	13.974	1888	1895	1901	rVB6	6958	18140	1.13%	0.110%
42	14.062	1904	1910	1913	rBV6	3690	5760	0.36%	0.035%
43	14.115	1913	1919	1923	rVV2	16309	29403	1.83%	0.177%
44	14.192	1923	1932	1936	rVV	373562	634214	39.45%	3.828%
45	14.239	1936	1940	1948	rVV	146405	257602	16.03%	1.555%
46	14.292	1948	1949	1954	rVV3	4259	6526	0.41%	0.039%
47	14.356	1954	1960	1967	rVV5	8368	20645	1.28%	0.125%
48	14.491	1975	1983	1997	rVV	518812	917759	57.09%	5.540%
49	14.609	1999	2003	2004	rVV3	3253	4354	0.27%	0.026%
50	14.662	2008	2012	2018	rVB	24826	36068	2.24%	0.218%
51	14.797	2023	2035	2043	rBV2	465919	870232	54.14%	5.253%
52	14.862	2045	2046	2053	rVB6	8664	10341	0.64%	0.062%
53	14.997	2062	2069	2079	rBV	54672	143501	8.93%	0.866%
54	15.179	2096	2100	2109	rVB4	12326	30542	1.90%	0.184%
55	15.267	2109	2115	2119	rBV7	8852	16447	1.02%	0.099%
56	15.296	2119	2120	2124	rVB3	4406	4959	0.31%	0.030%
57	15.349	2124	2129	2133	rVB4	5712	8569	0.53%	0.052%
58	15.408	2133	2139	2143	rBV4	9750	18800	1.17%	0.113%
59	15.455	2143	2147	2151	rVB5	5796	9514	0.59%	0.057%
60	15.572	2161	2167	2170	rBV4	15194	27212	1.69%	0.164%
61	15.614	2170	2174	2179	rVB	39733	58658	3.65%	0.354%
62	15.672	2179	2184	2188	rBV6	3847	7943	0.49%	0.048%
63	15.784	2195	2203	2209	rBV	653248	1114846	69.36%	6.730%
64	15.902	2216	2223	2230	rBV	84781	148775	9.26%	0.898%
65	16.019	2236	2243	2248	rBV5	22000	42806	2.66%	0.258%
66	16.125	2255	2261	2266	rBV3	9282	18445	1.15%	0.111%
67	16.283	2283	2288	2295	rVB4	7163	15941	0.99%	0.096%
68	16.477	2315	2321	2322	rVV	49596	68506	4.26%	0.414%
69	16.495	2322	2324	2331	rVB4	47675	70401	4.38%	0.425%
70	16.818	2373	2379	2380	rBV6	10406	13556	0.84%	0.082%
71	16.988	2401	2408	2413	rVB10	6509	15261	0.95%	0.092%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021915.D
Acq On : 16 May 2016 20:45
Operator : UM/SJ
Sample : H3095-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE3

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-BG050916.M
Title : SVOA CALIBRATION

72	17.065	2413	2421	2426	rBV9	14732	42209	2.63%	0.255%
73	17.106	2426	2428	2431	rVV4	3940	4620	0.29%	0.028%
74	17.188	2438	2442	2449	rBV3	15159	31000	1.93%	0.187%
75	17.265	2449	2455	2460	rVV	49108	82596	5.14%	0.499%
76	17.317	2461	2464	2468	rVV5	16123	23219	1.44%	0.140%
77	17.359	2469	2471	2476	rVB5	7671	5928	0.37%	0.036%
78	17.406	2476	2479	2486	rVB5	25130	37217	2.32%	0.225%
79	17.470	2486	2490	2494	rBV5	21074	34236	2.13%	0.207%
80	17.541	2495	2502	2506	rVV2	517387	908953	56.55%	5.487%
81	17.582	2506	2509	2513	rVV	122553	199617	12.42%	1.205%
82	17.635	2513	2518	2532	rVV	609475	1098163	68.32%	6.629%
83	17.729	2532	2534	2538	rVB4	10079	10856	0.68%	0.066%
84	17.934	2566	2569	2576	rBV3	12850	27160	1.69%	0.164%
85	18.005	2577	2581	2585	rVB	34796	48859	3.04%	0.295%
86	18.352	2635	2640	2645	rBV	119538	197345	12.28%	1.191%
87	18.410	2645	2650	2654	rVV2	137282	227259	14.14%	1.372%
88	18.457	2655	2658	2667	rVB2	43796	91238	5.68%	0.551%
89	18.598	2678	2682	2687	rBV3	33627	64058	3.99%	0.387%
90	18.639	2687	2689	2694	rVB	21597	26230	1.63%	0.158%
91	18.692	2694	2698	2704	rBV3	35074	55727	3.47%	0.336%
92	18.898	2731	2733	2738	rBV2	17888	22477	1.40%	0.136%
93	19.315	2800	2804	2809	rBV	71017	104797	6.52%	0.633%
94	19.580	2844	2849	2856	rVB	265021	407118	25.33%	2.458%
95	19.914	2900	2906	2918	rVB2	779981	1607440	100.00%	9.703%
96	21.436	3161	3165	3171	rVB2	117151	177766	11.06%	1.073%
97	21.683	3204	3207	3212	rVB	129165	198479	12.35%	1.198%
98	21.824	3224	3231	3236	rBV2	561586	1166021	72.54%	7.039%
99	24.938	3755	3761	3770	rVB2	249361	676010	42.06%	4.081%
100	25.173	3794	3801	3820	rVB3	320952	1065913	66.31%	6.434%

Sum of corrected areas: 16565692

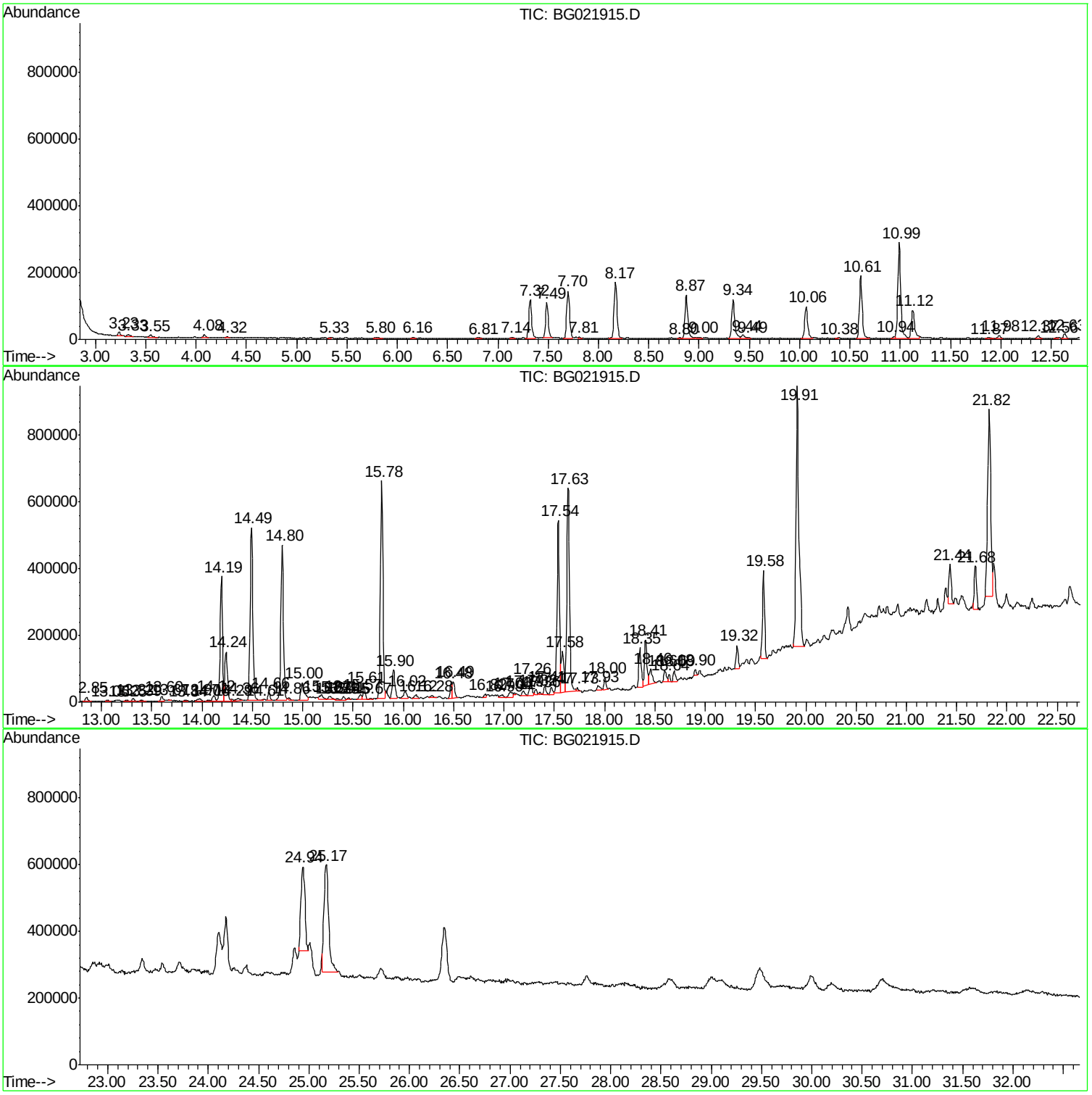
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021915.D
Acq On : 16 May 2016 20:45
Operator : UM/SJ
Sample : H3095-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021915.D
Acq On : 16 May 2016 20:45
Operator : UM/SJ
Sample : H3095-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

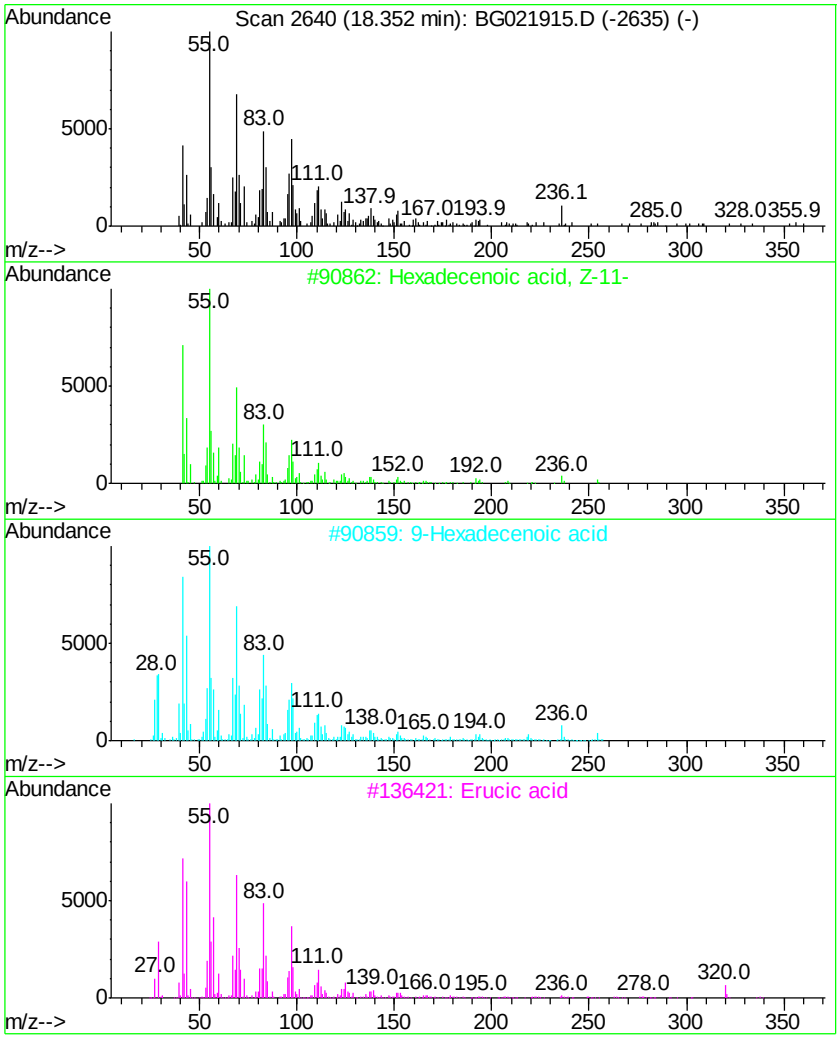
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

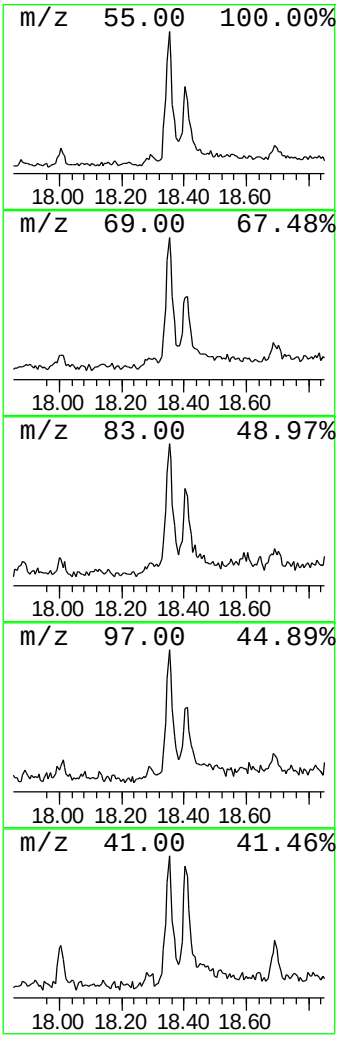
****

Peak Number 1 Hexadecenoic acid, Z-11- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	4.34 ng/ul	197345	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90
2	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	76
3	Erucic acid	338	C22H42O2	000112-86-7	74
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	70
5	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021915.D
Acq On : 16 May 2016 20:45
Operator : UM/SJ
Sample : H3095-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

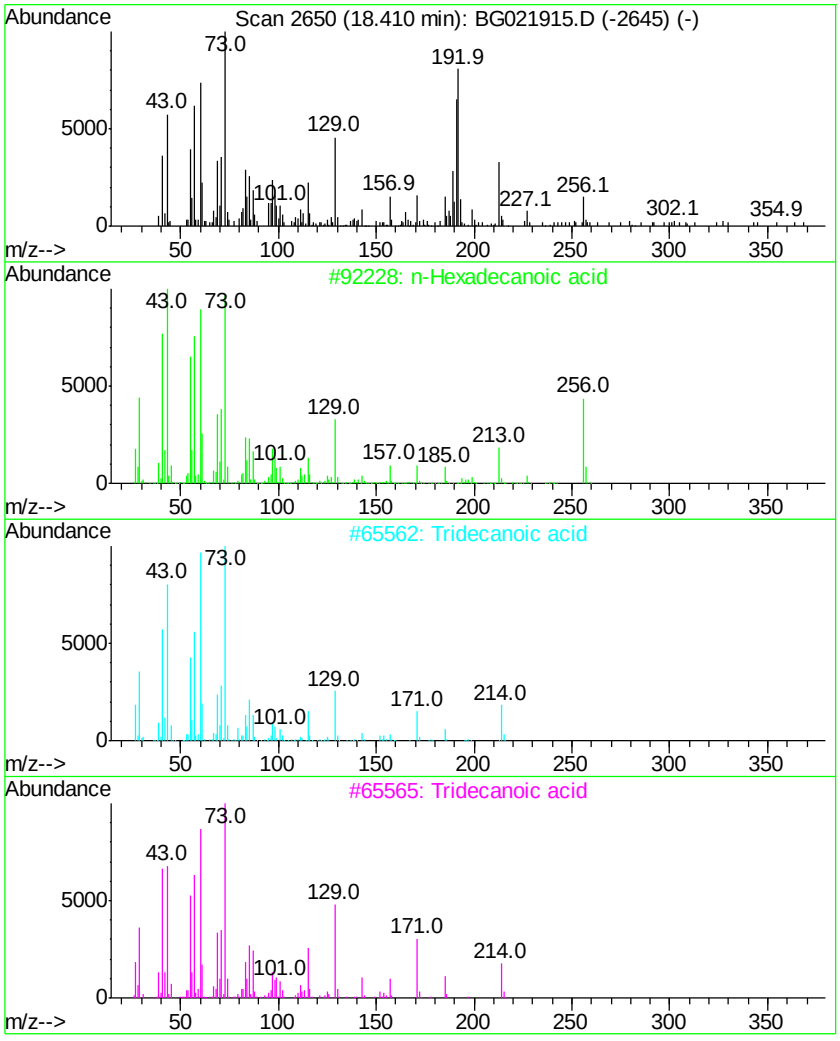
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

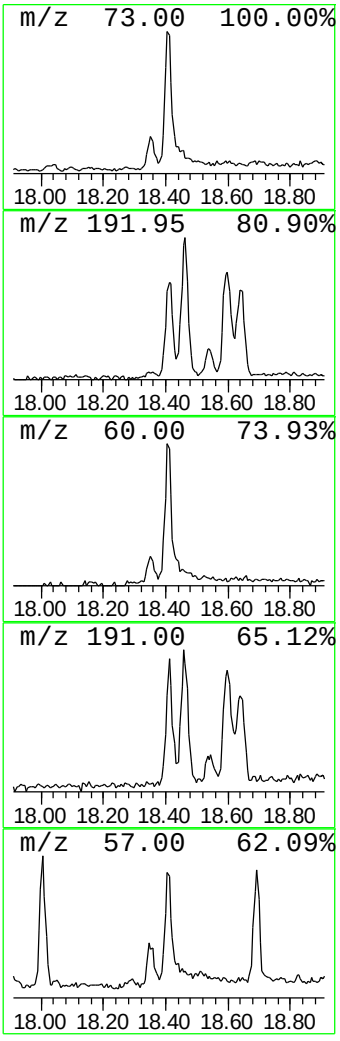
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	5.00 ng/ul	227259	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021915.D
Acq On : 16 May 2016 20:45
Operator : UM/SJ
Sample : H3095-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

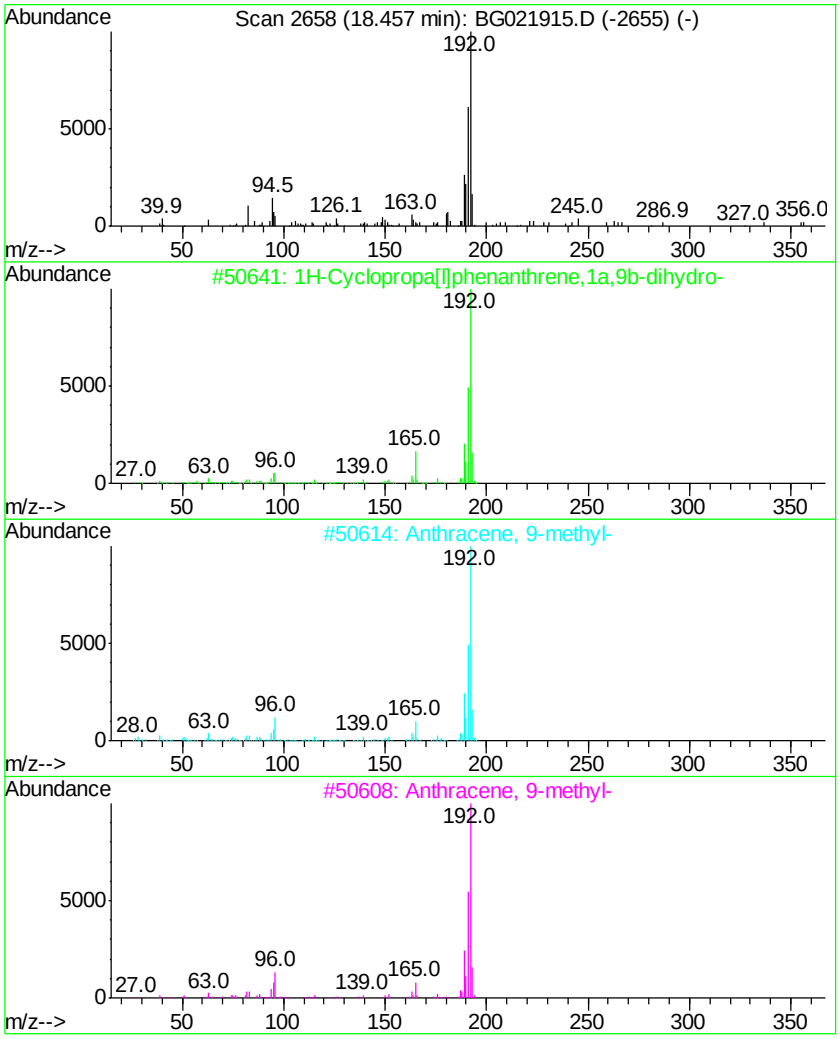
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

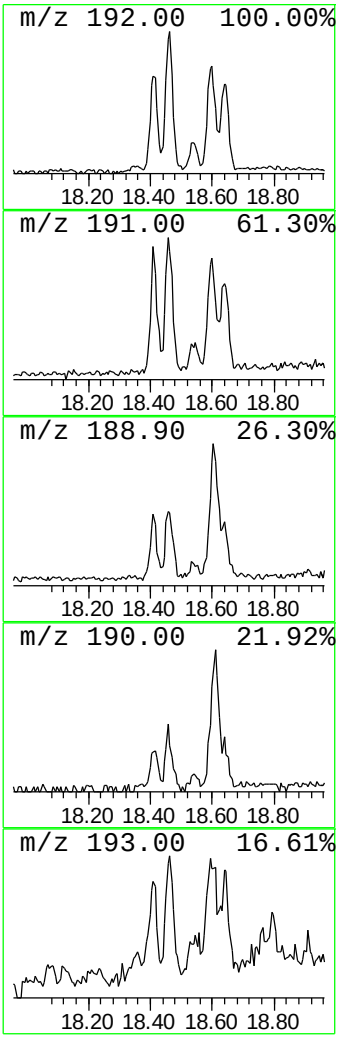
****

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.01 ng/ul	91238	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
4	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	62
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	62





Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021915.D
Acq On : 16 May 2016 20:45
Operator : UM/SJ
Sample : H3095-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

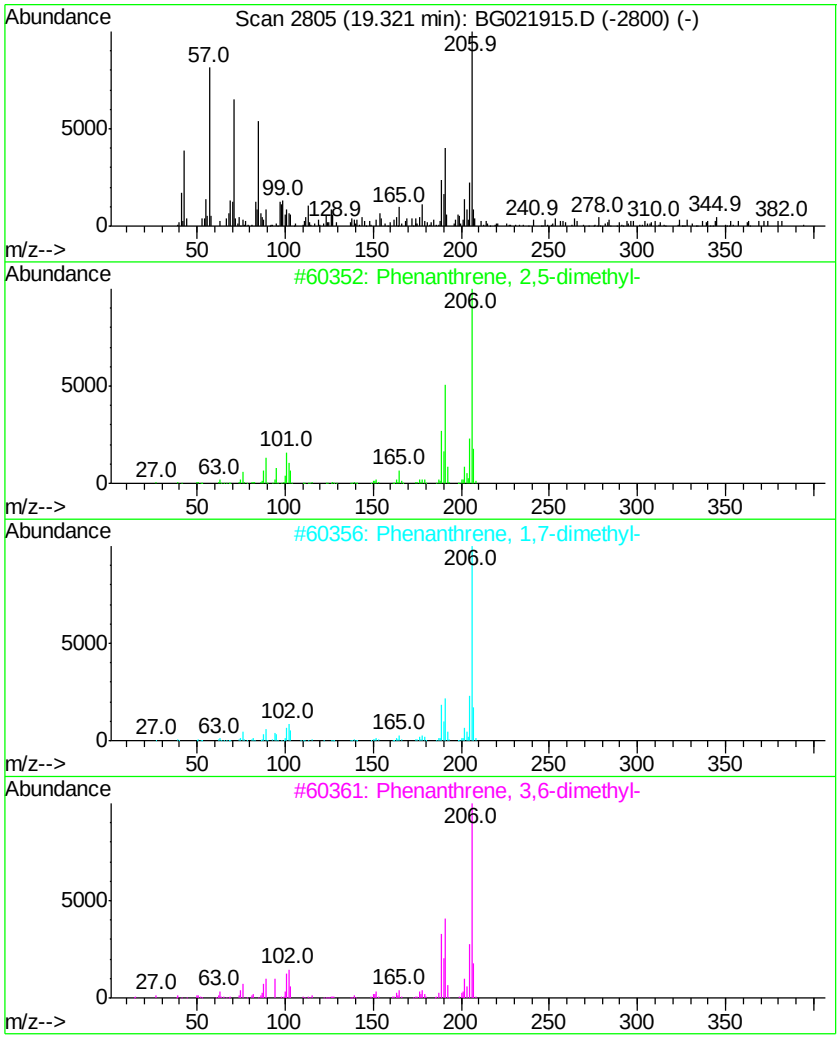
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

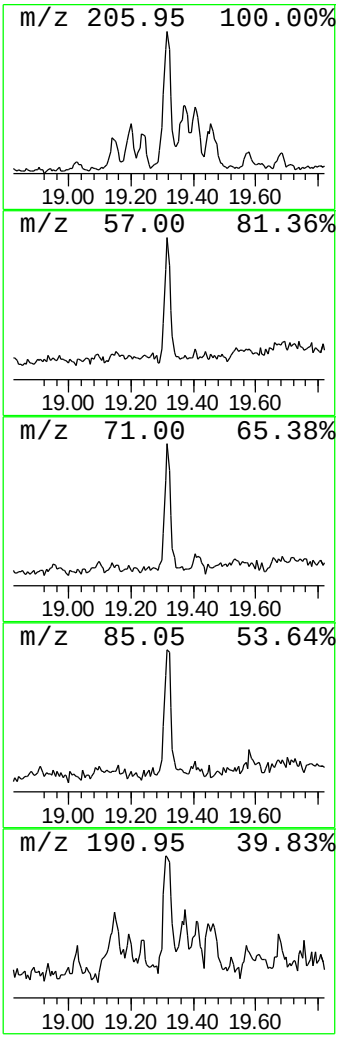
****

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.31 ng/ul	104797	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	78
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021915.D
Acq On : 16 May 2016 20:45
Operator : UM/SJ
Sample : H3095-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE3

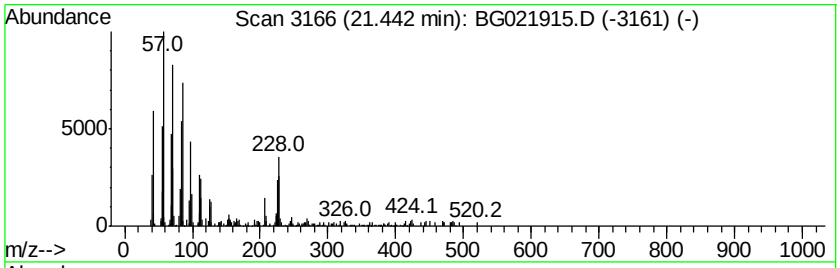
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

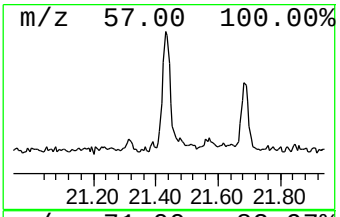
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

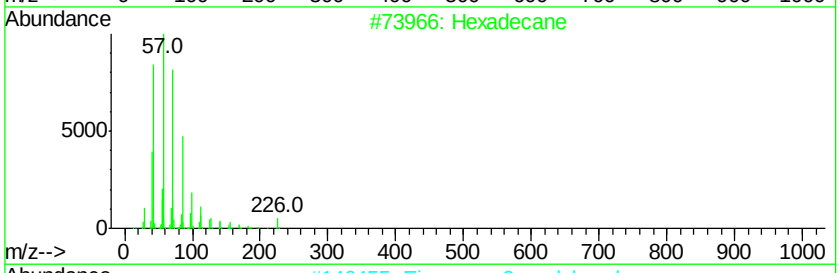
****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

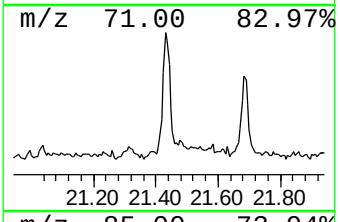
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.05 ng/ul	177766	Chrysene-d12	21.82

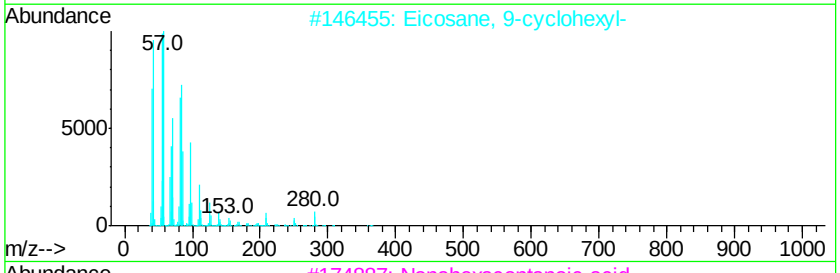
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	64
3	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	58
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	58
5	Eicosane	282	C20H42	000112-95-8	49

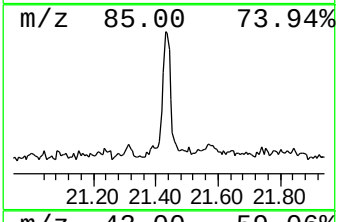


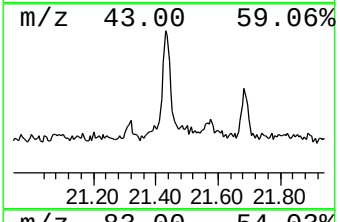


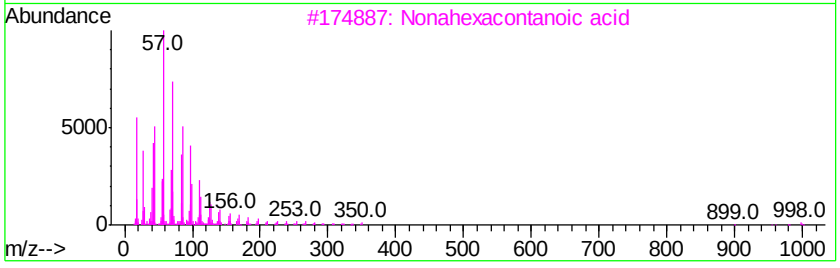


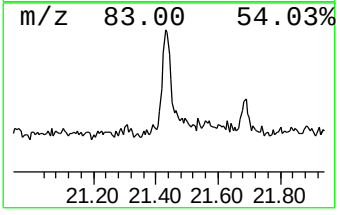












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051616\
Data File : BG021915.D
Acq On : 16 May 2016 20:45
Operator : UM/SJ
Sample : H3095-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XE3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecenoic acid...	18.35	4.3	ng/ul	197345	4	17.54	908953	20.0
n-Hexadecanoic acid	18.41	5.0	ng/ul	227259	4	17.54	908953	20.0
1H-Cyclopropa[l]p...	18.46	2.0	ng/ul	91238	4	17.54	908953	20.0
Phenanthrene, 2,5...	19.32	2.3	ng/ul	104797	4	17.54	908953	20.0
(DEL) Alkane: Str...	21.44	3.0	ng/ul	177766	5	21.82	1166020	20.0