LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025184.D
Acq On : 14 Dec 2016 20:19
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA854

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	70	73	78	rVB6	10899	15628	0.80%	0.066%
2	3.445	100	103	107	rVB4	6201	7768	0.40%	0.033%
3	3.586	123	127	133	rVB6	9404	18824	0.97%	0.079%
4	4.021	198	201	206	rVB5	4375	7972	0.41%	0.033%
5	4.121	215	218	223	rVB7	9500	15729	0.81%	0.066%
6	4.356	251	258	264	rBV5	12164	24877	1.28%	0.104%
7	4.444	271	273	278	rBV5	6646	8355	0.43%	0.035%
8	5.296	414	418	427	rVB2	22494	38658	1.98%	0.162%
9	5.707	480	488	492	rBV6	11441	20913	1.07%	0.088%
10	5.830	507	509	512	rBV3	6785	8069	0.41%	0.034%
11	6.195	567	571	574	rVV5	6673	8317	0.43%	0.035%
12	6.271	580	584	590	rBV5	5622	9747	0.50%	0.041%
13	6.841	677	681	688	rBV6	4414	10871	0.56%	0.046%
14	7.193	734	741	747	rVB4	6023	16484	0.85%	0.069%
15	7.293	753	758	765	rBV6	6591	13921	0.71%	0.058%
16	7.381	765	773	786	rBV	191851	402537	20.65%	1.689%
17	7.552	791	802	809	rBV	138847	256715	13.17%	1.077%
18	7.763	828	838	849	rBV2	189936	369423	18.95%	1.550%
19	7.863	849	855	861	rVB7	6405	14206	0.73%	0.060%
20	8.233	910	918	929	rBV	296721	542292	27.81%	2.275%
21	8.333	934	935	942	rVB7	4122	8014	0.41%	0.034%
22	8.862	1019	1025	1030	rBV7	7254	15496	0.79%	0.065%
23	8.938	1030	1038	1049	rBV2	239709	467484	23.98%	1.962%
24	9.320	1101	1103	1110	rVB4	3360	7606	0.39%	0.032%
25	9.414	1110	1119	1131	rBV	210471	425727	21.84%	1.786%
26	9.626	1151	1155	1160	rBV5	5567	9429	0.48%	0.040%
27	9.685	1160	1165	1169	rVB5	4203	8817	0.45%	0.037%
28	9.738	1169	1174	1176	rBV4	6571	10502	0.54%	0.044%
29	9.920	1201	1205	1209	rBV5	4821	7719	0.40%	0.032%
30	10.137	1233	1242	1254	rBV3	133515	270879	13.89%	1.137%
31	10.243	1257	1260	1263	rVB3	6392	8386	0.43%	0.035%
32	10.272	1263	1265	1270	rBV3	5567	7727	0.40%	0.032%
33	10.360	1276	1280	1282	rVB4	6102	8079	0.41%	0.034%
34	10.683	1327	1335	1347	rBV	264447	505942	25.95%	2.123%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025184.D
Acq On : 14 Dec 2016 20:19
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA854

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

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

35	10.819	1355	1358	1363	rBV4	6425	12399	0.64%	0.052%
36	10.971	1381	1384	1386	rBV4	6252	9238	0.47%	0.039%
37	11.060	1390	1399	1414	rBV	452587	859372	44.08%	3.606%
38	11.206	1414	1424	1443	rVB2	186766	427979	21.95%	1.796%
39	12.029	1558	1564	1566	rBV6	5848	7912	0.41%	0.033%
40	12.417	1627	1630	1636	rVB5	10596	13324	0.68%	0.056%
41	12.558	1647	1654	1663	rVV7	12436	34426	1.77%	0.144%
42	12.634	1663	1667	1673	rVB5	10121	16365	0.84%	0.069%
43	12.699	1673	1678	1687	rVB7	13241	29510	1.51%	0.124%
44	12.916	1710	1715	1720	rBV6	10895	20184	1.04%	0.085%
45	12.981	1720	1726	1731	rVB7	8257	18540	0.95%	0.078%
46	13.216	1757	1766	1770	rBV9	8190	21264	1.09%	0.089%
47	13.351	1785	1789	1793	rBV4	9094	14283	0.73%	0.060%
48	13.439	1799	1804	1809	rVB7	11054	16955	0.87%	0.071%
49	13.639	1832	1838	1843	rBV7	17712	30720	1.58%	0.129%
50	13.698	1843	1848	1852	rVV6	9443	12470	0.64%	0.052%
51	13.997	1895	1899	1904	rBV6	7386	18914	0.97%	0.079%
52	14.174	1923	1929	1934	rBV8	10846	22691	1.16%	0.095%
53	14.250	1934	1942	1946	rVV	669401	1009219	51.76%	4.235%
54	14.297	1946	1950	1963	rVB	376846	576039	29.54%	2.417%
55	14.409	1967	1969	1974	rVB6	6145	8466	0.43%	0.036%
56	14.555	1987	1994	2003	rBV	610736	1001129	51.35%	4.201%
57	14.702	2015	2019	2025	rVB4	19216	32635	1.67%	0.137%
58	14.855	2036	2045	2055	rBV	827638	1369312	70.23%	5.746%
59	15.061	2074	2080	2092	rBV	125199	291323	14.94%	1.222%
60	15.196	2099	2103	2105	rBV3	8238	10534	0.54%	0.044%
61	15.319	2118	2124	2129	rVB7	12243	22315	1.14%	0.094%
62	15.384	2131	2135	2140	rVB7	11718	20328	1.04%	0.085%
63	15.466	2142	2149	2153	rBV9	10343	22505	1.15%	0.094%
64	15.507	2153	2156	2160	rBV5	7448	11055	0.57%	0.046%
65	15.601	2170	2172	2174	rBV3	13170	10693	0.55%	0.045%
66	15.642	2175	2179	2185	rVB2	62136	92905	4.77%	0.390%
67	15.842	2204	2213	2226	rBV	910394	1474134	75.61%	6.185%
68	15.971	2226	2235	2241	rBV	26222	69209	3.55%	0.290%
69	16.048	2241	2248	2251	rBV4	19655	41569	2.13%	0.174%
70	16.083	2252	2254	2258	rVB5	19268	21135	1.08%	0.089%
71	16.148	2261	2265	2268	rBV6	10428	14696	0.75%	0.062%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025184.D
Acq On : 14 Dec 2016 20:19
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA854

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

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

72	16.195	2271	2273	2279	rVB7	14139	16691	0.86%	0.070%
73	16.277	2283	2287	2290	rVB5	9081	13153	0.67%	0.055%
74	16.342	2294	2298	2300	rBV5	9977	12357	0.63%	0.052%
75	16.506	2322	2326	2338	rBV	82065	169927	8.72%	0.713%
76	16.782	2368	2373	2377	rVB8	11449	18657	0.96%	0.078%
77	16.964	2402	2404	2408	rVB4	13382	10888	0.56%	0.046%
78	17.076	2418	2423	2427	rBV8	10893	18441	0.95%	0.077%
79	17.299	2455	2461	2465	rBV3	58081	78090	4.01%	0.328%
80	17.340	2465	2468	2473	rVB4	31993	52166	2.68%	0.219%
81	17.599	2505	2512	2522	rBV2	1026004	1655528	84.91%	6.947%
82	17.699	2522	2529	2539	rBV	918800	1461563	74.96%	6.133%
83	17.828	2549	2551	2554	rBV4	11505	14143	0.73%	0.059%
84	17.951	2570	2572	2575	rVB4	13832	13236	0.68%	0.056%
85	18.034	2582	2586	2594	rVB4	41772	69912	3.59%	0.293%
86	18.721	2700	2703	2706	rVB3	34308	40706	2.09%	0.171%
87	18.933	2736	2739	2744	rVB7	16824	19099	0.98%	0.080%
88	19.338	2805	2808	2813	rVB5	40706	53919	2.77%	0.226%
89	19.861	2894	2897	2901	rVB2	40299	40117	2.06%	0.168%
90	19.914	2902	2906	2909	rVB2	39465	49991	2.56%	0.210%
91	19.973	2909	2916	2926	rBV	1228459	1758039	90.17%	7.377%
92	20.443	2992	2996	3001	rBV4	45911	74388	3.82%	0.312%
93	20.836	3057	3063	3073	rVB	344274	491904	25.23%	2.064%
94	20.936	3077	3080	3091	rVB3	73696	126298	6.48%	0.530%
95	21.441	3161	3166	3188	rVB4	145029	367681	18.86%	1.543%
96	21.894	3237	3243	3251	rVB	1136301	1949723	100.00%	8.181%
97	22.658	3369	3373	3378	rVB7	50297	82932	4.25%	0.348%
98	23.375	3491	3495	3508	rVB4	154213	353516	18.13%	1.483%
99	25.073	3774	3784	3798	rVB2	536607	1623373	83.26%	6.812%
100	25.313	3815	3825	3839	rVB3	628153	1937160	99.36%	8.128%

Sum of corrected areas: 23832458

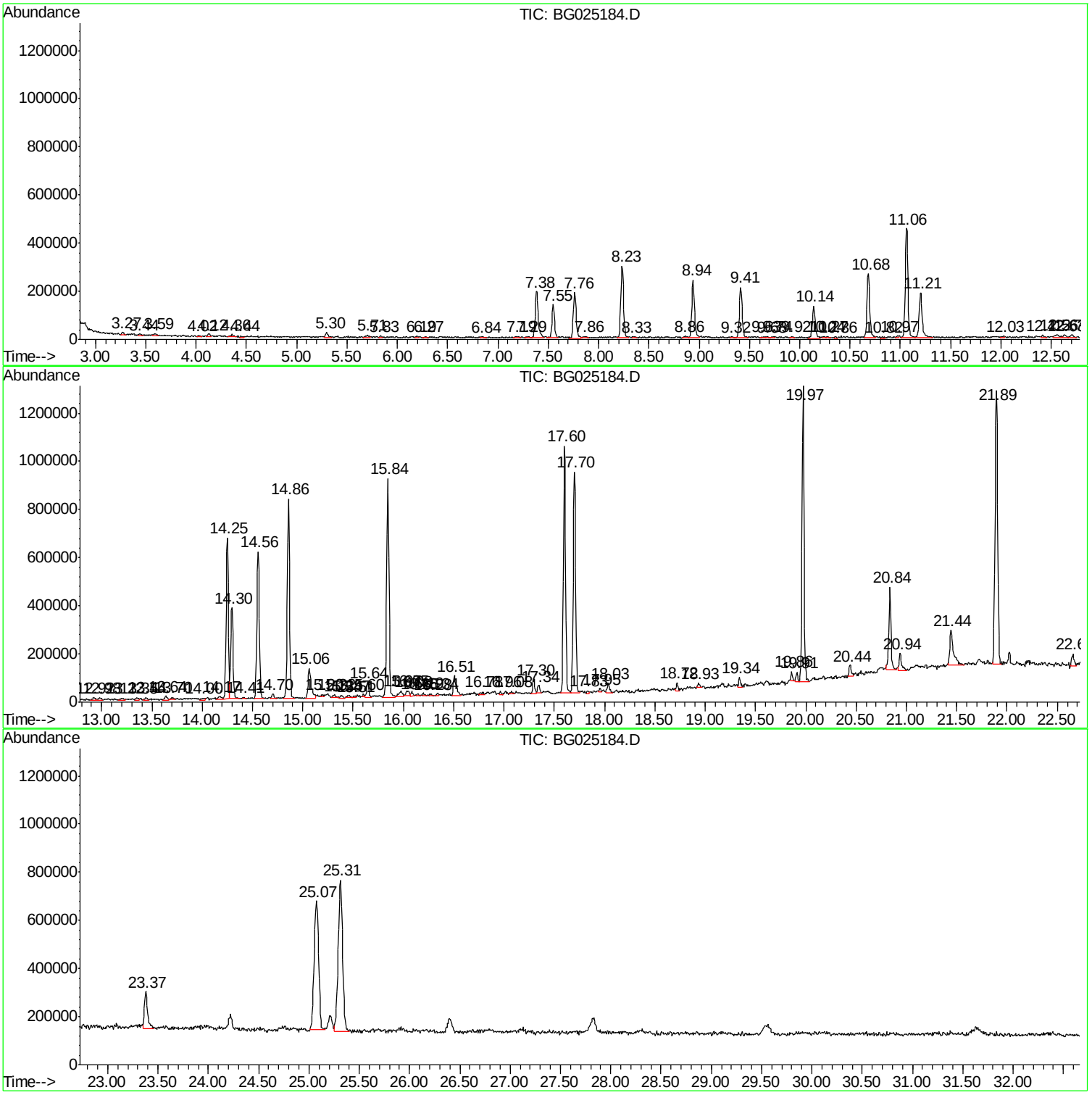
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025184.D
Acq On : 14 Dec 2016 20:19
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA854

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

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025184.D
Acq On : 14 Dec 2016 20:19
Operator : UM/SJ
Sample : H5970-15
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

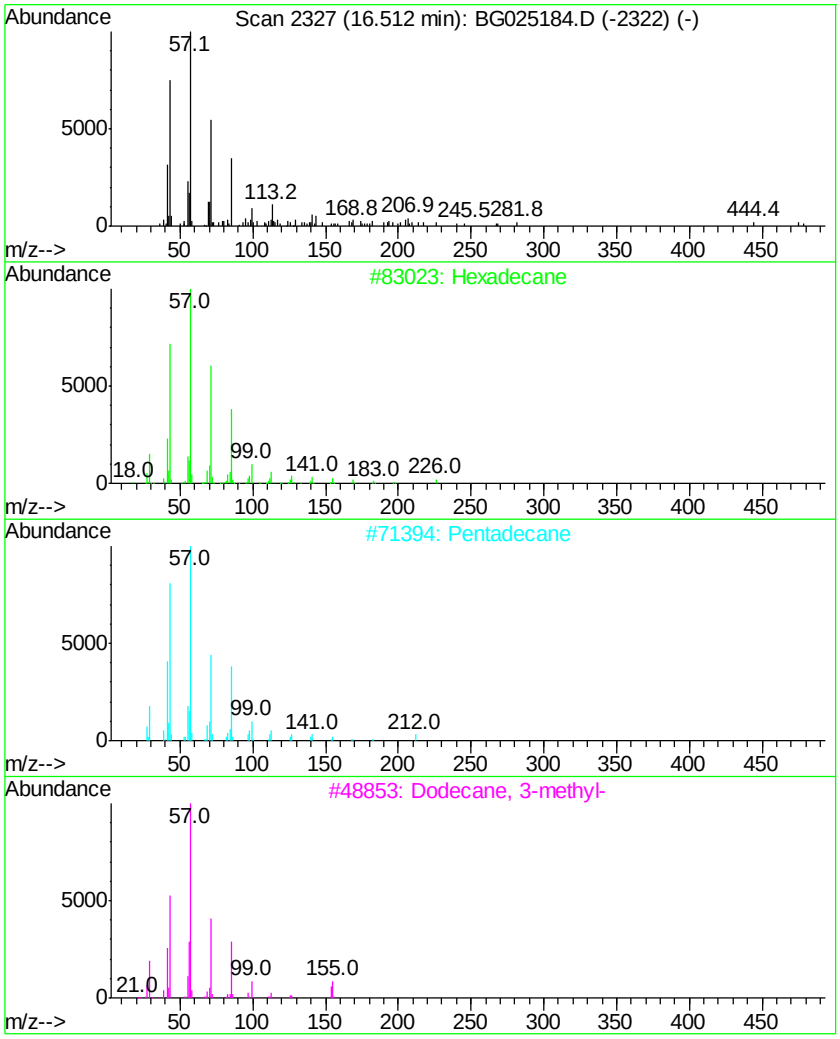
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

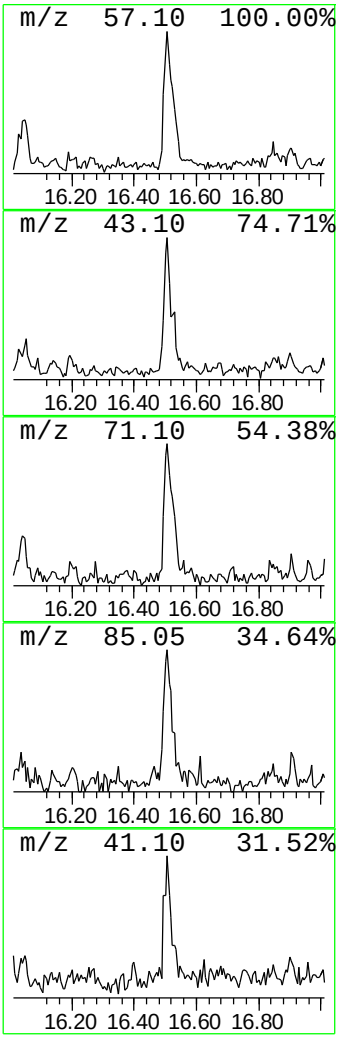
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	2.05 ng/ul	169927	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Pentadecane	212	C15H32	000629-62-9	64
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025184.D
Acq On : 14 Dec 2016 20:19
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA854

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

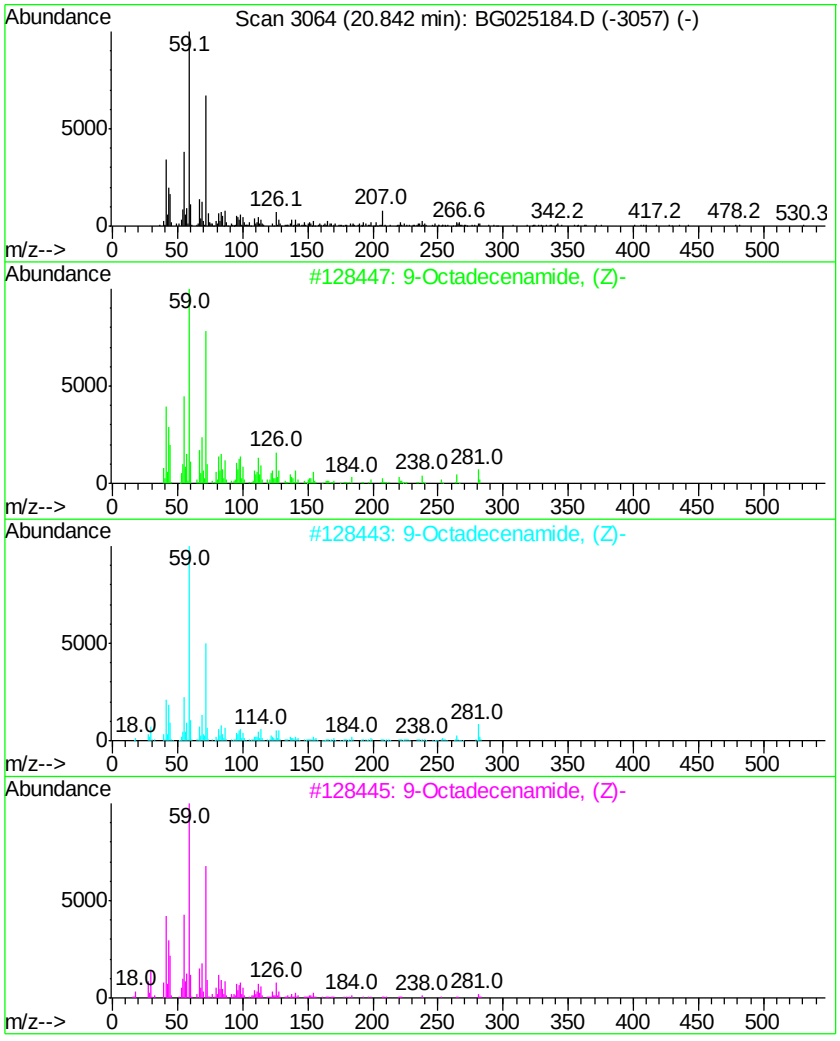
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

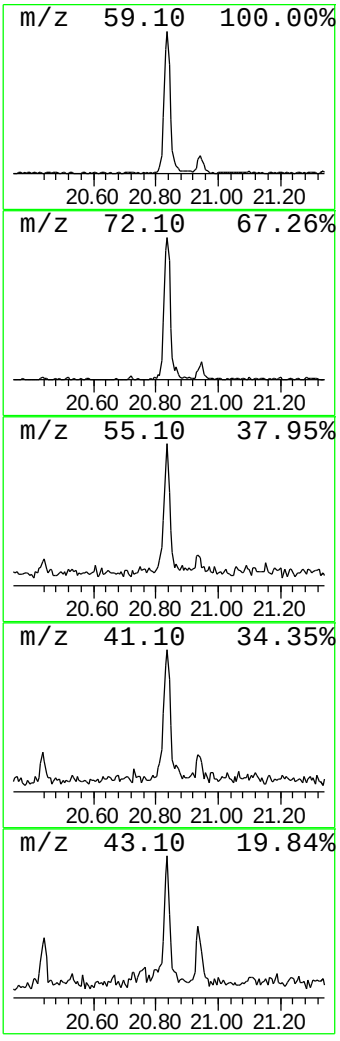
****

Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	5.05 ng/ul	491904	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025184.D
Acq On : 14 Dec 2016 20:19
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA854

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

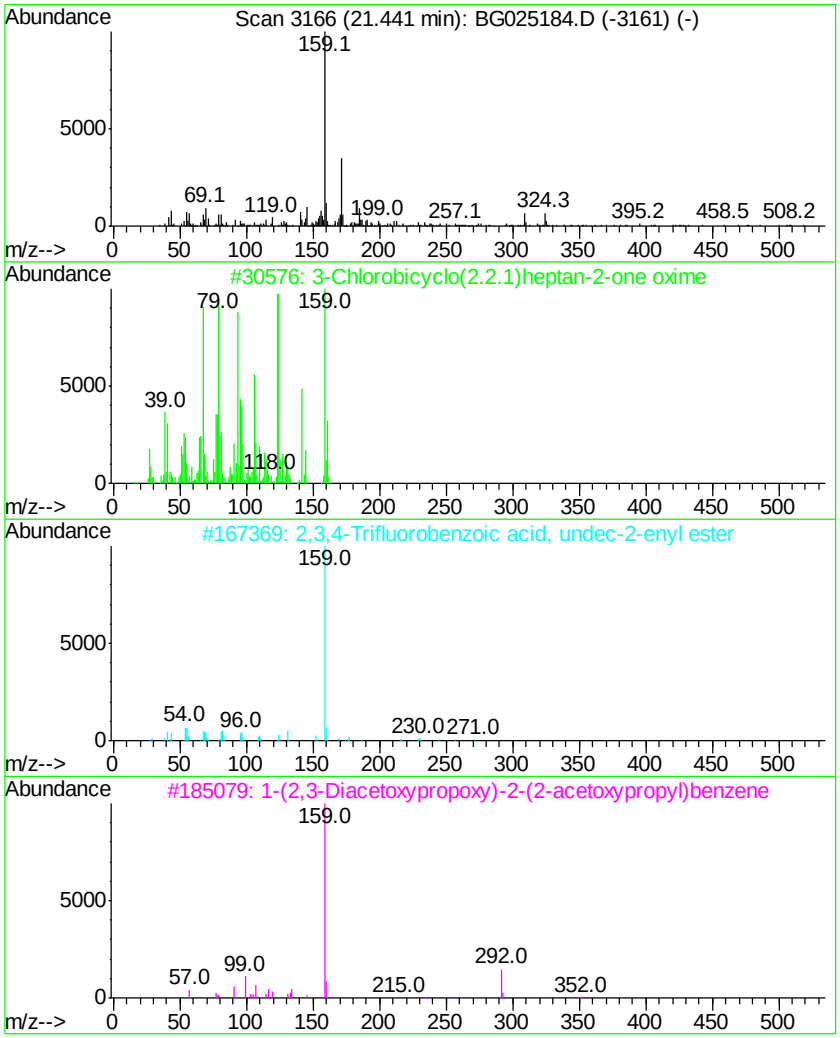
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

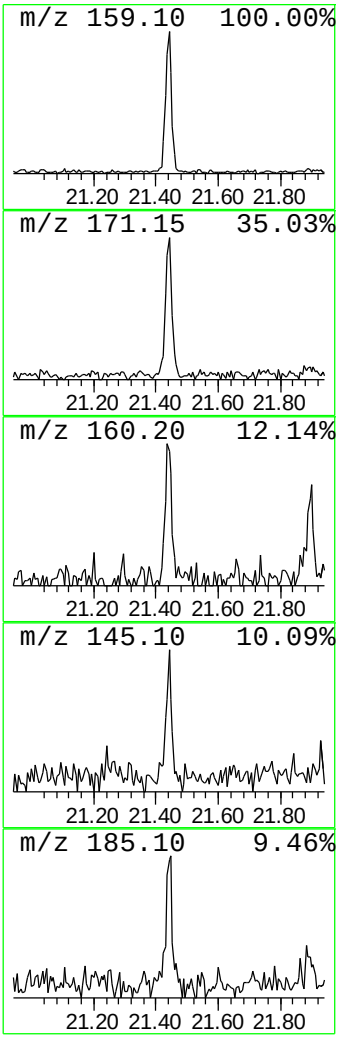
****

Peak Number 3 3-Chlorobicyclo(2.2.1)hepta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.77 ng/ul	367681	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chlorobicyclo(2.2.1)heptan-2-o...	159	C7H10ClNO	010499-35-1	60
2	2,3,4-Trifluorobenzoic acid, und...	328	C18H23F3O2	1000292-55-9	47
3	1-(2,3-Diacetoxypropoxy)-2-(2-ac...	352	C18H24O7	1000280-76-3	47
4	2,6-Difluorobenzoic acid, octade...	410	C25H40F2O2	1000292-39-7	47
5	1-Dimethylthexylsilyloxyhexane	244	C14H32OSi	1000281-97-7	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025184.D
Acq On : 14 Dec 2016 20:19
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA854

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

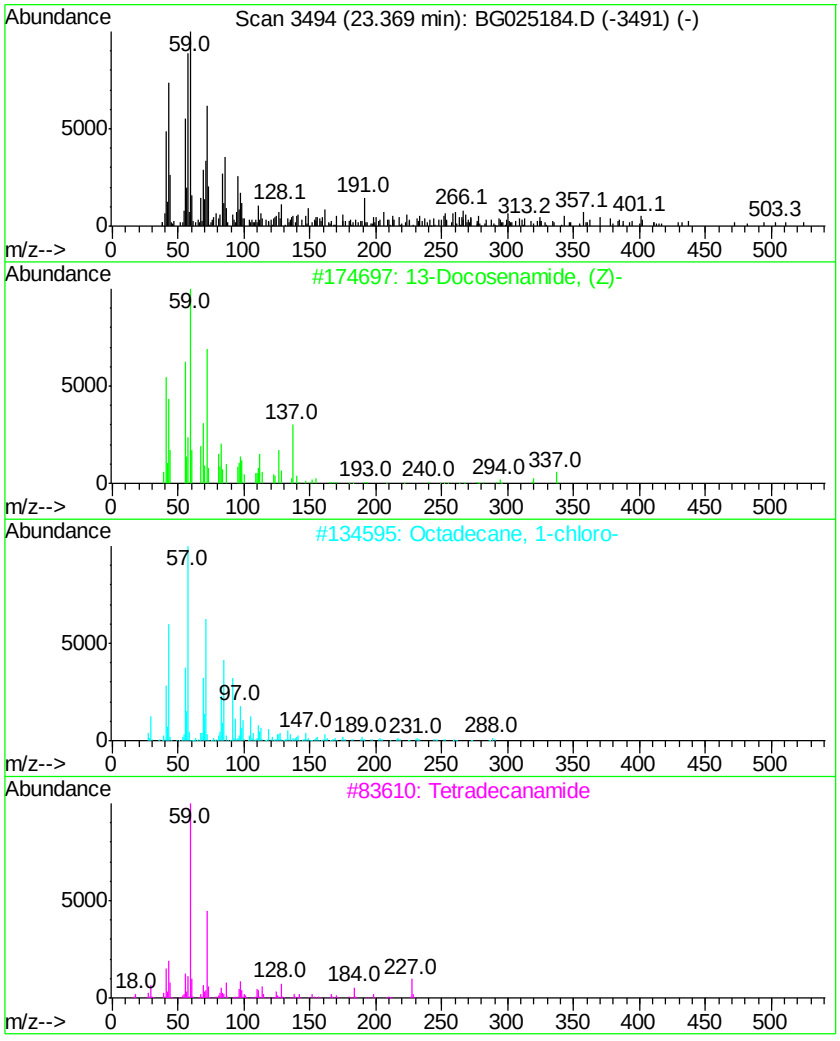
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

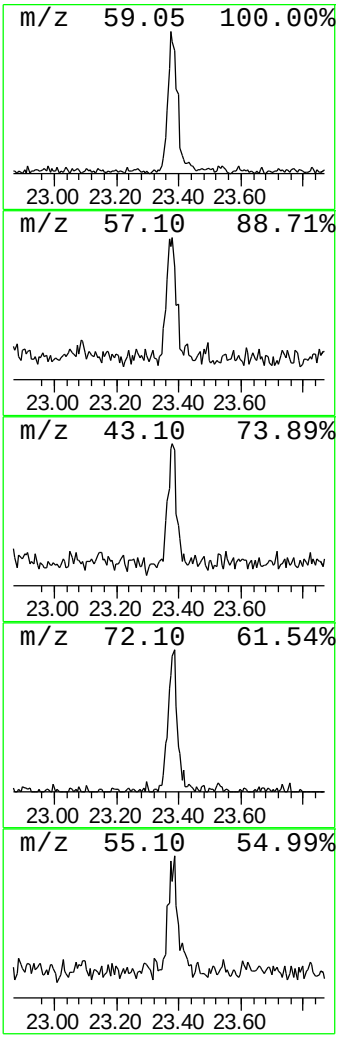
****

Peak Number 4 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	3.63 ng/ul	353516	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	55
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
3	Tetradecanamide	227	C14H29NO	000638-58-4	46
4	Dodecane	170	C12H26	000112-40-3	44
5	Nonadecane	268	C19H40	000629-92-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025184.D
Acq On : 14 Dec 2016 20:19
Operator : UM/SJ
Sample : H5970-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA854

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	16.51	2.0	ng/ul	169927	4	17.60	1655530	20.0
9-Octadecenamide,...	20.84	5.0	ng/ul	491904	5	21.89	1949720	20.0
3-Chlorobicyclo(2...	21.44	3.8	ng/ul	367681	5	21.89	1949720	20.0
13-Docosenamide, ...	23.37	3.6	ng/ul	353516	5	21.89	1949720	20.0