LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018361.D
Acq On : 10 Aug 2015 19:39
Operator : UM/MA
Sample : G3154-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z2

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-BG080915.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	3.384	91	93	96	rBV4	5237	4753	0.18%	0.014%
2	3.466	103	107	113	rVB3	17779	30288	1.14%	0.091%
3	3.731	149	152	155	rBV2	6891	10929	0.41%	0.033%
4	3.878	174	177	180	rBV4	4278	5755	0.22%	0.017%
5	4.030	202	203	207	rVB4	5290	4890	0.18%	0.015%
6	4.166	223	226	229	rVV5	4341	5814	0.22%	0.017%
7	4.547	287	291	293	rBV4	3473	5296	0.20%	0.016%
8	5.564	461	464	468	rBV6	3326	5018	0.19%	0.015%
9	5.711	487	489	494	rVB6	7954	9691	0.36%	0.029%
10	5.975	530	534	538	rVB6	2850	5508	0.21%	0.016%
11	6.110	554	557	560	rBV5	3658	4782	0.18%	0.014%
12	6.439	610	613	617	rBV6	4361	6570	0.25%	0.020%
13	6.715	656	660	665	rVB6	2938	5250	0.20%	0.016%
14	7.186	732	740	750	rBV	353122	613971	23.09%	1.839%
15	7.262	750	753	757	rVB6	4276	6568	0.25%	0.020%
16	7.315	759	762	763	rBV3	5775	6012	0.23%	0.018%
17	7.356	763	769	776	rVB	288410	465721	17.51%	1.395%
18	7.562	797	804	811	rBV	345736	587748	22.10%	1.760%
19	7.714	828	830	833	rVB4	4435	4818	0.18%	0.014%
20	7.973	870	874	875	rVV3	5661	7277	0.27%	0.022%
21	8.032	876	884	894	rVB	332070	572105	21.51%	1.714%
22	8.108	894	897	899	rBV2	5011	5246	0.20%	0.016%
23	8.267	921	924	926	rVB4	5332	5719	0.22%	0.017%
24	8.325	931	934	937	rBV5	5072	5884	0.22%	0.018%
25	8.731	994	1003	1011	rBV	458296	799017	30.05%	2.393%
26	8.878	1026	1028	1031	rVB4	5101	5009	0.19%	0.015%
27	9.019	1051	1052	1057	rVB5	4658	6533	0.25%	0.020%
28	9.089	1062	1064	1067	rBV4	4555	5774	0.22%	0.017%
29	9.189	1074	1081	1089	rVV	334887	604663	22.74%	1.811%
30	9.277	1093	1096	1099	rBV5	5253	7443	0.28%	0.022%
31	9.354	1107	1109	1114	rVB5	3888	4702	0.18%	0.014%
32	9.853	1187	1194	1195	rBV7	23868	39626	1.49%	0.119%
33	9.912	1198	1204	1213	rVB2	281307	508952	19.14%	1.524%
34	10.241	1257	1260	1264	rBV6	4381	7412	0.28%	0.022%

LSC Area Percent Report

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Acq On : 10 Aug 2015 19:39
Operator : UM/MA
Sample : G3154-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z2

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-BG080915.M
Title : SVOA CALIBRATION

35	10.452	1288	1296	1305	rBV	466637	835129	31.41%	2.501%
36	10.599	1316	1321	1324	rBV7	6124	11888	0.45%	0.036%
37	10.834	1354	1361	1369	rBV	516657	945586	35.56%	2.832%
38	10.963	1376	1383	1393	rBV	394450	748110	28.13%	2.241%
39	11.093	1400	1405	1406	rVB5	3937	5083	0.19%	0.015%
40	11.245	1430	1431	1438	rVB7	4381	4781	0.18%	0.014%
41	11.498	1471	1474	1476	rBV4	4382	4821	0.18%	0.014%
42	11.598	1490	1491	1494	rBV3	4995	4732	0.18%	0.014%
43	11.845	1531	1533	1536	rBV4	3885	4749	0.18%	0.014%
44	11.945	1548	1550	1552	rBV3	5181	5090	0.19%	0.015%
45	12.191	1589	1592	1593	rBV3	4869	5336	0.20%	0.016%
46	12.691	1672	1677	1678	rBV5	5179	5727	0.22%	0.017%
47	12.720	1678	1682	1684	rVB5	8179	11404	0.43%	0.034%
48	12.838	1699	1702	1705	rBV5	3634	5089	0.19%	0.015%
49	13.020	1729	1733	1739	rVB8	11999	20172	0.76%	0.060%
50	13.267	1769	1775	1784	rBV6	17968	29541	1.11%	0.088%
51	13.478	1807	1811	1812	rBV4	3374	4842	0.18%	0.015%
52	13.555	1823	1824	1829	rBV5	6354	5056	0.19%	0.015%
53	13.643	1836	1839	1843	rBV6	3936	5688	0.21%	0.017%
54	13.743	1854	1856	1861	rVB5	4549	5664	0.21%	0.017%
55	13.837	1866	1872	1873	rBV6	3963	7064	0.27%	0.021%
56	13.966	1891	1894	1895	rBV3	6228	5921	0.22%	0.018%
57	14.060	1900	1910	1914	rVV	994496	1395421	52.48%	4.180%
58	14.107	1914	1918	1923	rVV	229964	322008	12.11%	0.964%
59	14.301	1948	1951	1953	rBV4	6655	8959	0.34%	0.027%
60	14.348	1953	1959	1967	rBV	998350	1575665	59.25%	4.720%
61	14.659	2005	2012	2019	rVB2	899035	1468450	55.22%	4.398%
62	14.736	2023	2025	2028	rBV4	4096	5347	0.20%	0.016%
63	14.783	2030	2033	2036	rBV5	3793	5700	0.21%	0.017%
64	14.835	2036	2042	2050	rBV	511264	791996	29.78%	2.372%
65	14.982	2064	2067	2072	rBV7	6867	10456	0.39%	0.031%
66	15.059	2076	2080	2084	rVB7	16680	22337	0.84%	0.067%
67	15.229	2107	2109	2112	rBV4	4144	5130	0.19%	0.015%
68	15.388	2134	2136	2138	rBV3	6436	6928	0.26%	0.021%
69	15.452	2145	2147	2153	rVB6	10283	12367	0.47%	0.037%
70	15.505	2153	2156	2159	rVB3	17188	20037	0.75%	0.060%
71	15.564	2164	2166	2168	rBV3	4666	4984	0.19%	0.015%

LSC Area Percent Report

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Data File : BG018361.D
Acq On : 10 Aug 2015 19:39
Operator : UM/MA
Sample : G3154-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z2

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-BG080915.M
Title : SVOA CALIBRATION

72	15.646	2172	2180	2187	rBV	1331000	2017249	75.86%	6.042%
73	15.752	2192	2198	2207	rBV2	341602	515851	19.40%	1.545%
74	16.193	2269	2273	2275	rBV5	5675	7172	0.27%	0.021%
75	16.293	2288	2290	2293	rBV4	4523	5450	0.20%	0.016%
76	16.363	2299	2302	2305	rBV2	34405	46876	1.76%	0.140%
77	16.651	2346	2351	2353	rBV6	7223	12707	0.48%	0.038%
78	16.874	2387	2389	2392	rBV4	7437	5846	0.22%	0.018%
79	16.939	2397	2400	2402	rBV4	7119	8875	0.33%	0.027%
80	17.015	2410	2413	2415	rBV4	5809	7229	0.27%	0.022%
81	17.156	2433	2437	2443	rBV2	35708	57346	2.16%	0.172%
82	17.397	2472	2478	2488	rBV2	1290008	1947486	73.24%	5.833%
83	17.497	2488	2495	2503	rVB2	1543787	2385445	89.71%	7.145%
84	17.779	2538	2543	2555	rBV	445901	692915	26.06%	2.075%
85	17.985	2576	2578	2581	rVB4	9316	5166	0.19%	0.015%
86	18.290	2625	2630	2637	rBV	204043	307083	11.55%	0.920%
87	18.361	2640	2642	2647	rVB	32939	34690	1.30%	0.104%
88	18.684	2693	2697	2698	rBV2	38797	48342	1.82%	0.145%
89	18.719	2698	2703	2708	rVB	1043861	1255573	47.22%	3.761%
90	19.019	2748	2754	2759	rBV	821277	1103693	41.50%	3.306%
91	19.142	2771	2775	2783	rBV2	65433	101145	3.80%	0.303%
92	19.506	2832	2837	2841	rBV	242512	316769	11.91%	0.949%
93	19.553	2842	2845	2850	rBV5	74758	109555	4.12%	0.328%
94	19.777	2877	2883	2891	rBV	1770358	2659193	100.00%	7.965%
95	20.435	2992	2995	3000	rVB2	57681	67198	2.53%	0.201%
96	21.316	3141	3145	3155	rVB2	281719	461041	17.34%	1.381%
97	21.657	3198	3203	3210	rVB	1286356	2092307	78.68%	6.267%
98	21.874	3237	3240	3244	rVB2	105038	137448	5.17%	0.412%
99	24.653	3705	3713	3725	rVB	866306	2434909	91.57%	7.293%
100	24.877	3743	3751	3760	rVB2	683030	1829631	68.80%	5.480%

Sum of corrected areas: 33386192

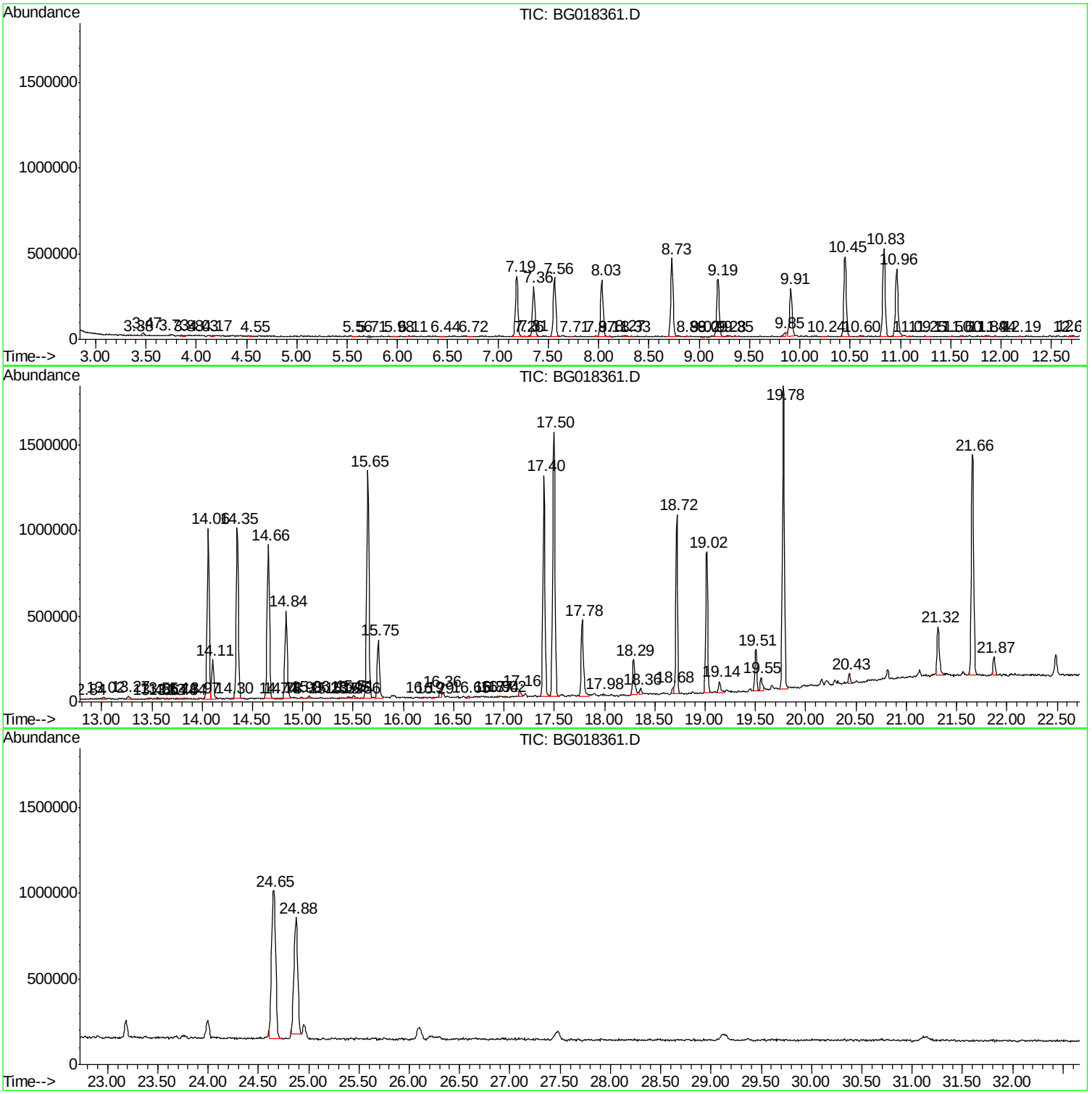
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018361.D
Acq On : 10 Aug 2015 19:39
Operator : UM/MA
Sample : G3154-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Z2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018361.D
Acq On : 10 Aug 2015 19:39
Operator : UM/MA
Sample : G3154-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

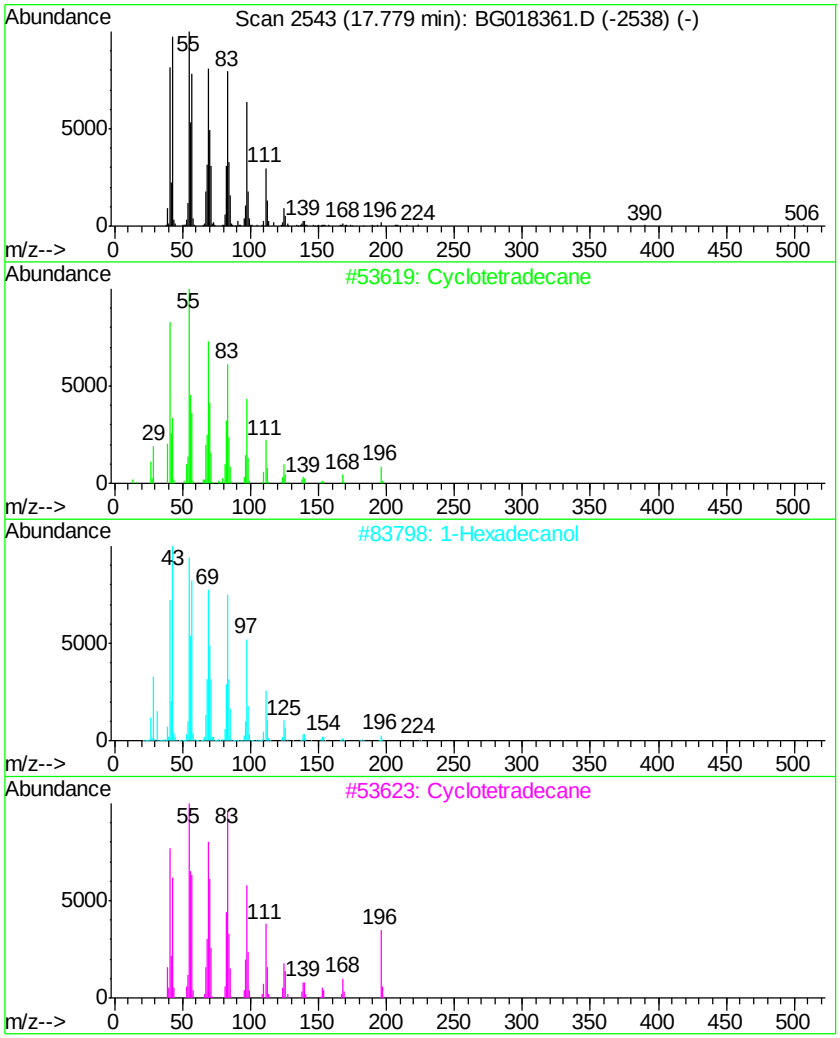
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

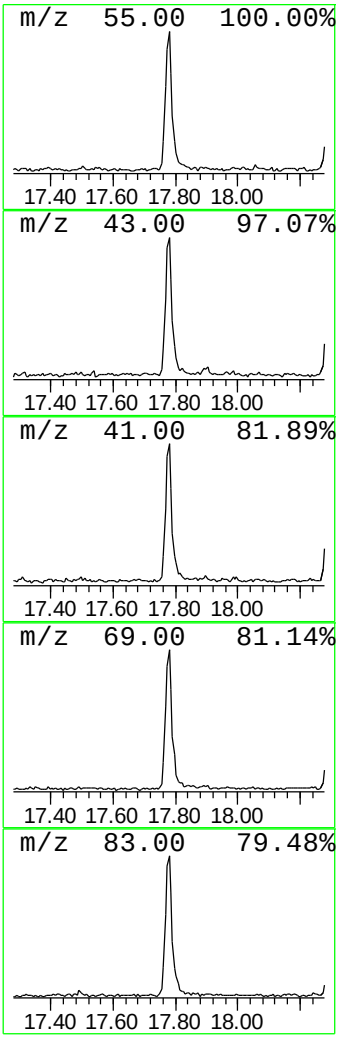
****

Peak Number 1 (DEL) Alkane: Cyclic17.78 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	7.12 ng/ul	692915	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	95
2	1-Hexadecanol	242	C16H34O	036653-82-4	94
3	Cyclotetradecane	196	C14H28	000295-17-0	94
4	1-Pentadecene	210	C15H30	013360-61-7	91
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018361.D
Acq On : 10 Aug 2015 19:39
Operator : UM/MA
Sample : G3154-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

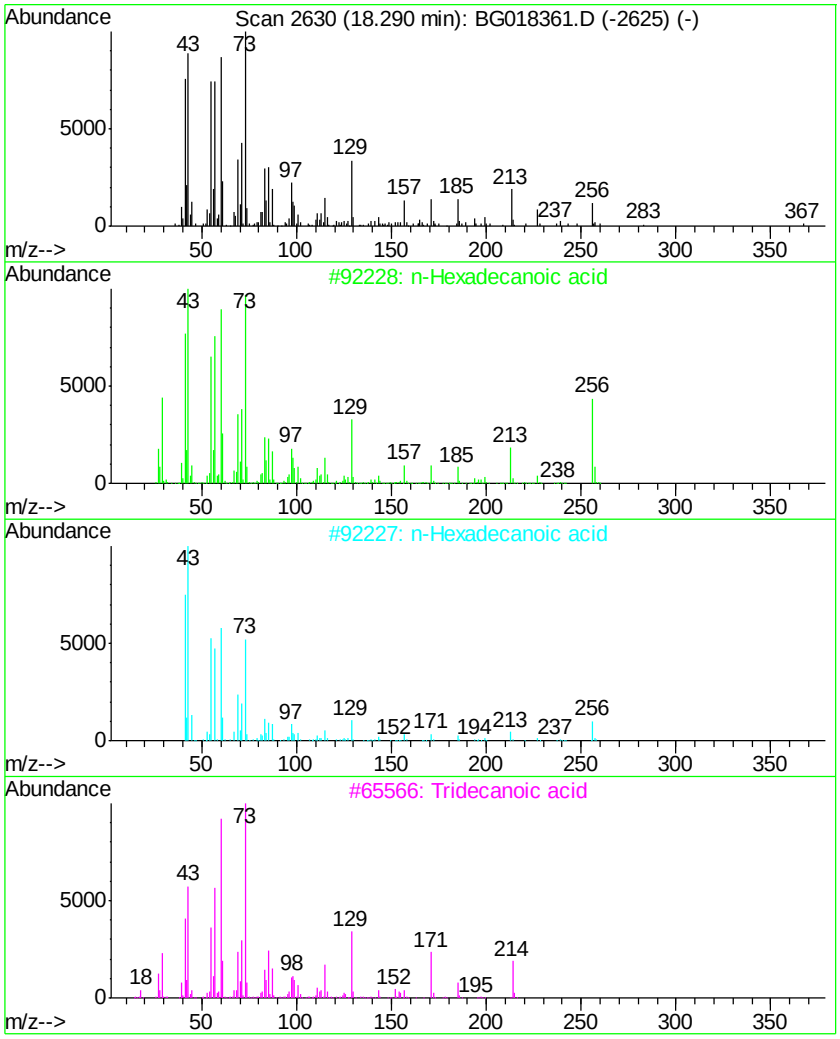
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

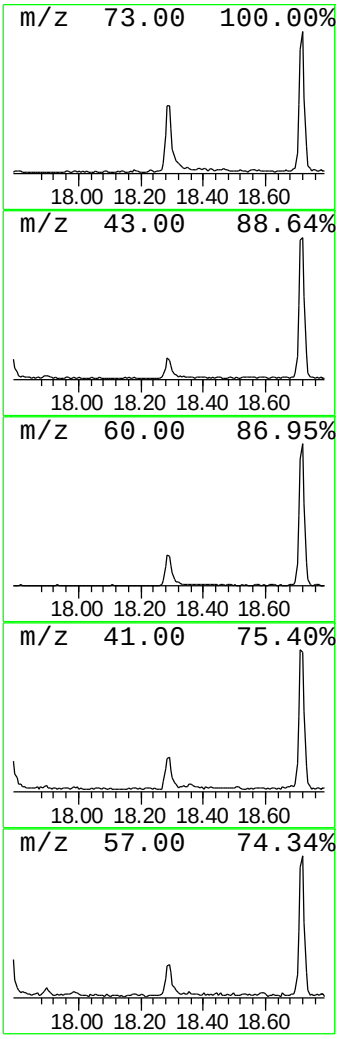
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	3.15 ng/ul	307083	Phenanthrene-d10	17.40

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	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018361.D
Acq On : 10 Aug 2015 19:39
Operator : UM/MA
Sample : G3154-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

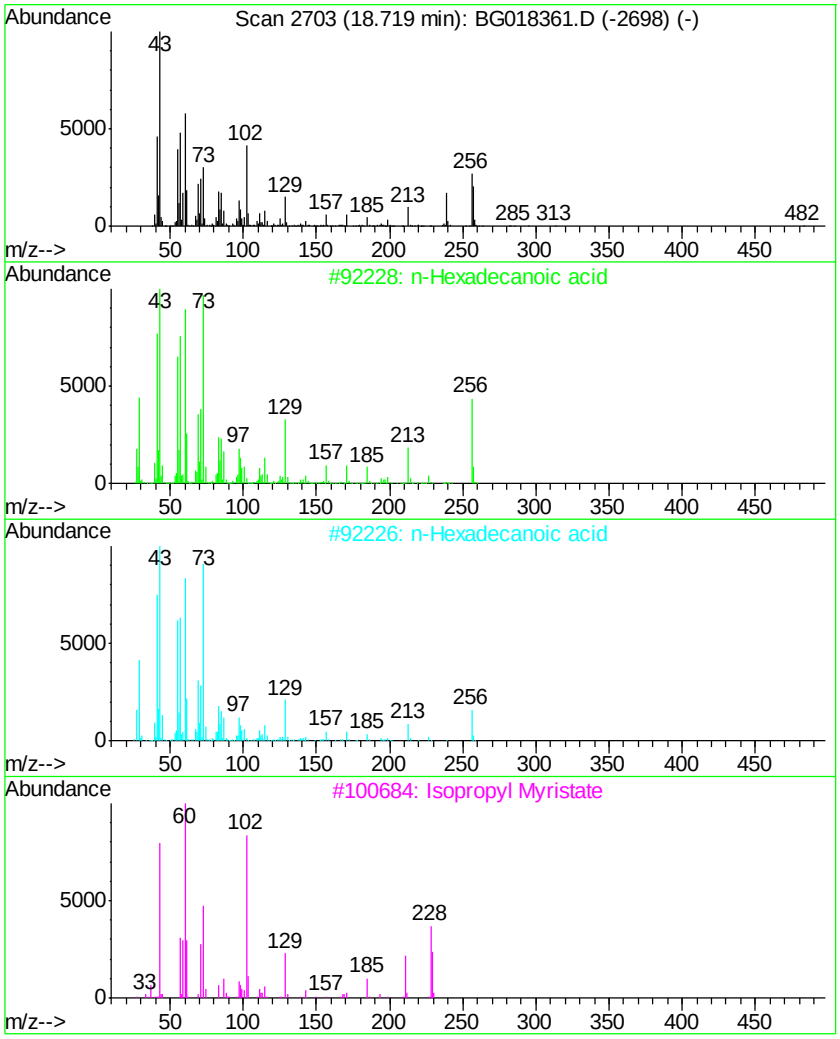
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

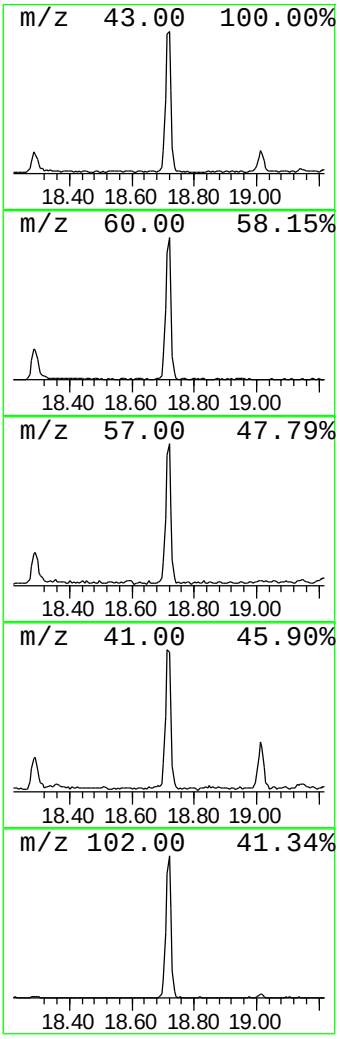
****

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	12.89 ng/ul	1255570	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
3	Isopropyl Myristate	270	C17H34O2	000110-27-0	46
4	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018361.D
Acq On : 10 Aug 2015 19:39
Operator : UM/MA
Sample : G3154-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

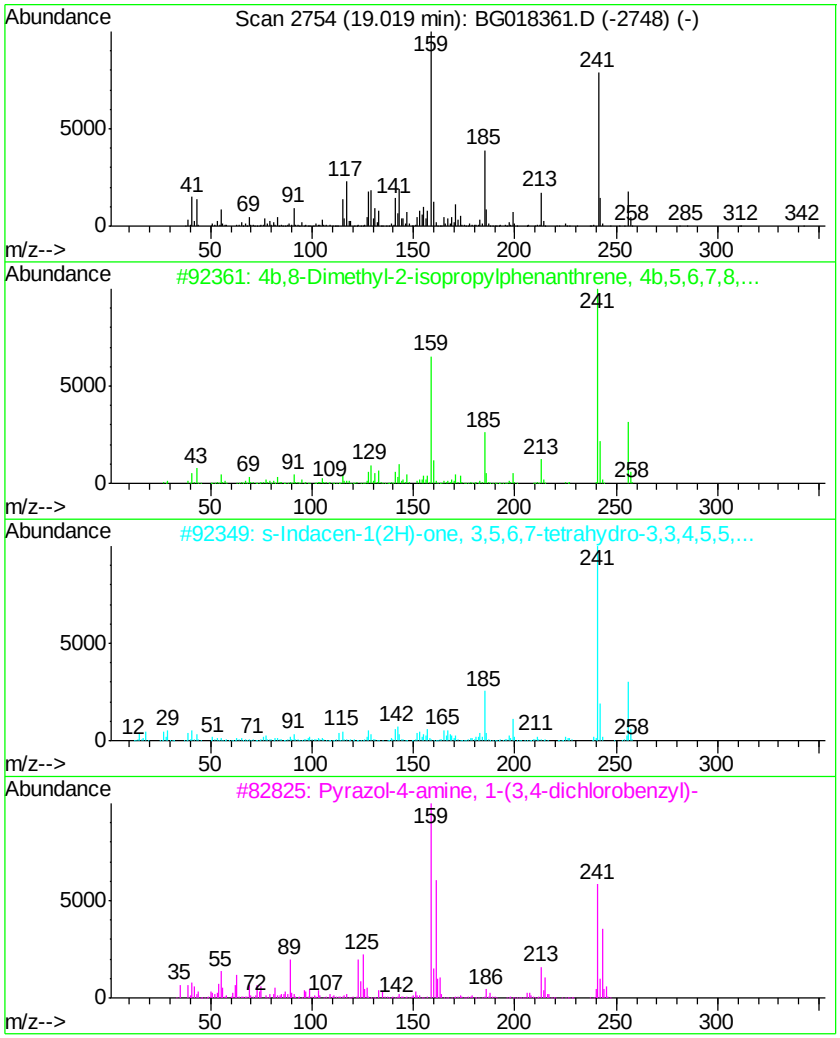
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

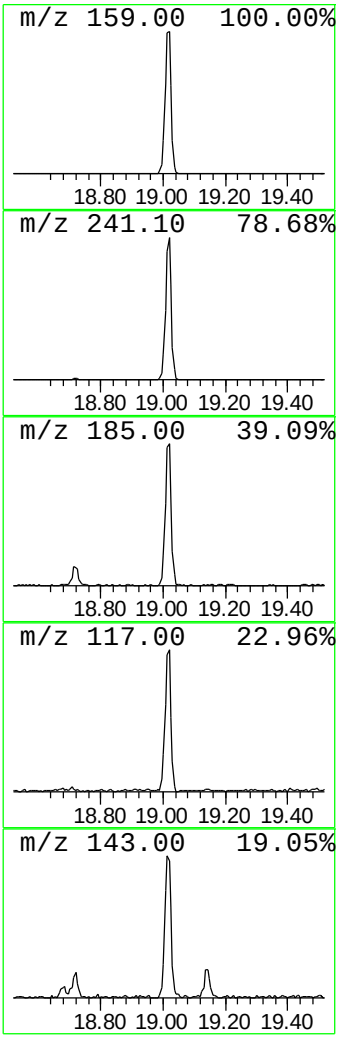
****

Peak Number 4 4b,8-Dimethyl-2-isopropylph... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	11.33 ng/ul	1103690	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	83
3	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	50
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
5	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018361.D
Acq On : 10 Aug 2015 19:39
Operator : UM/MA
Sample : G3154-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

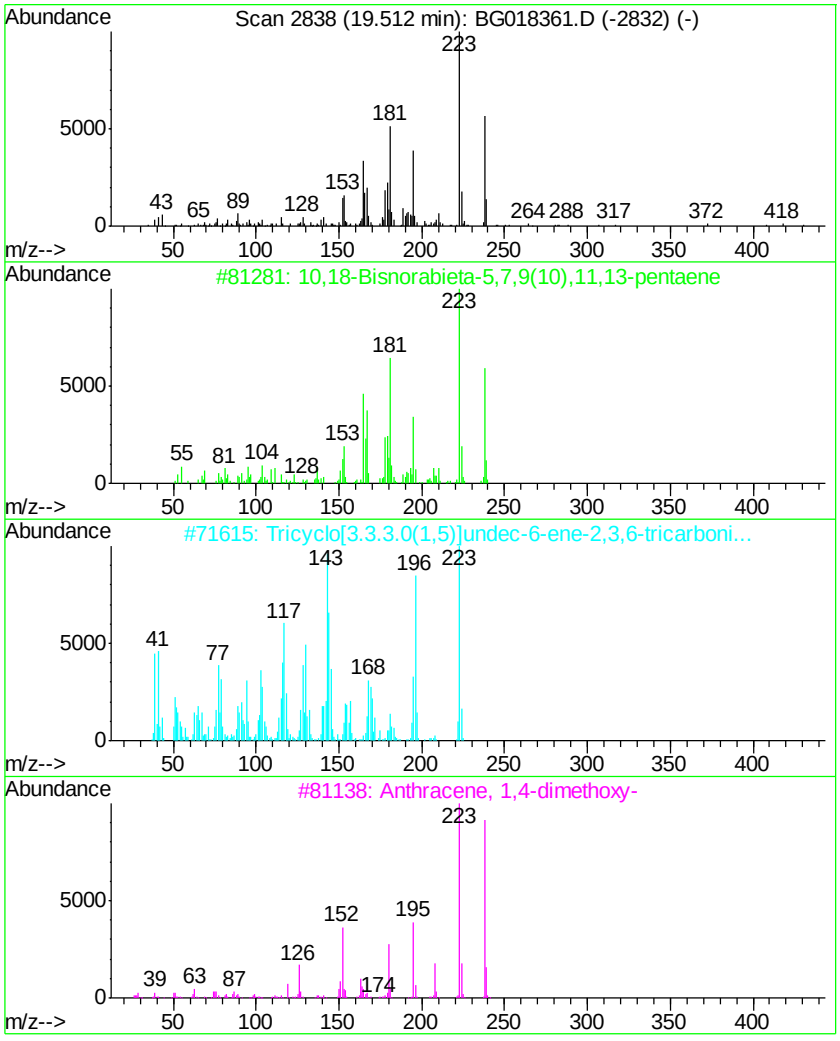
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

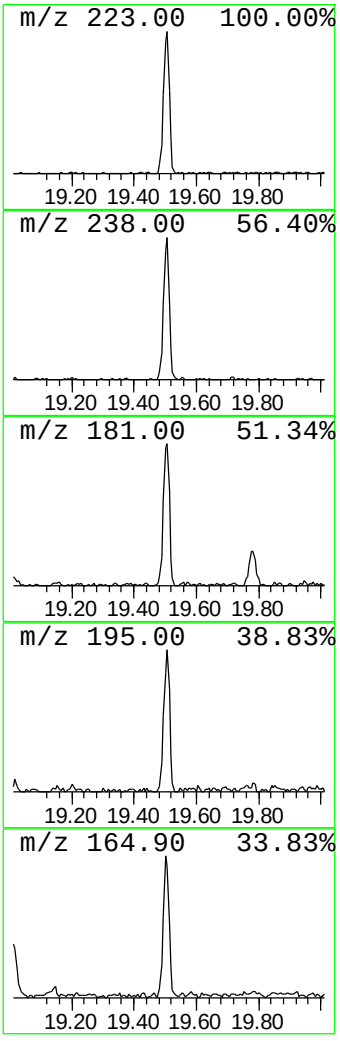
****

Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	3.25 ng/ul	316769	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	94
2	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	64
3	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	55
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	50
5	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018361.D
Acq On : 10 Aug 2015 19:39
Operator : UM/MA
Sample : G3154-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

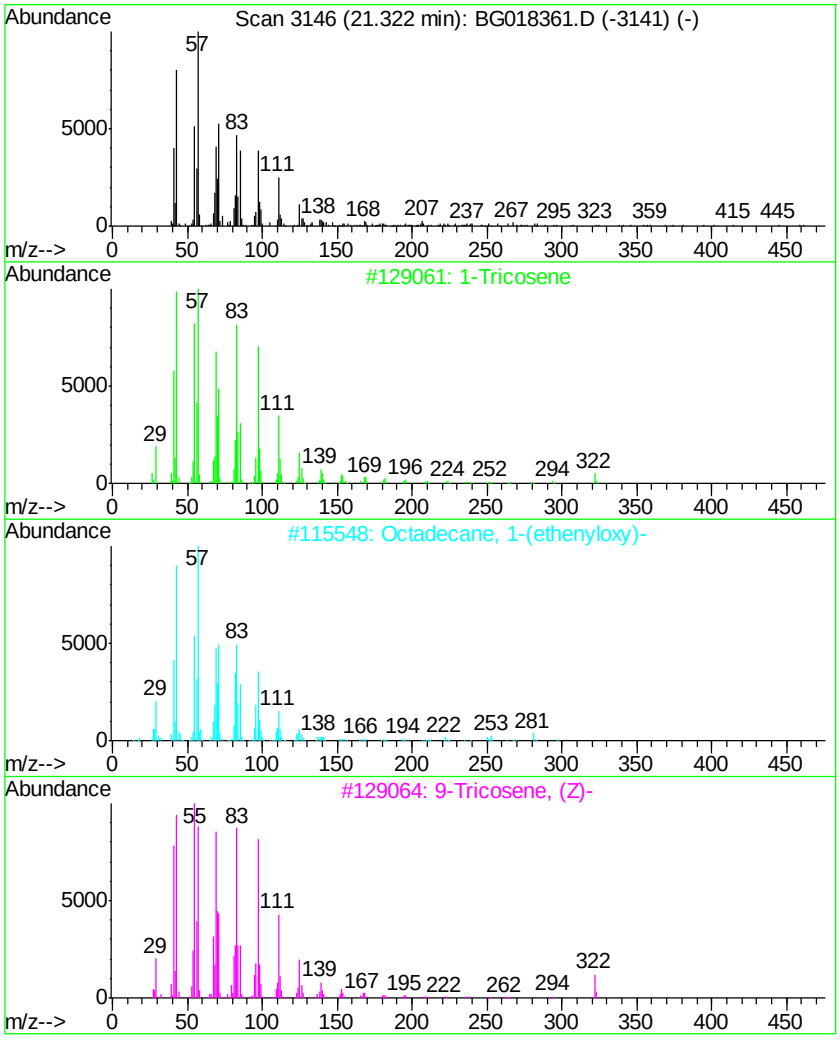
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

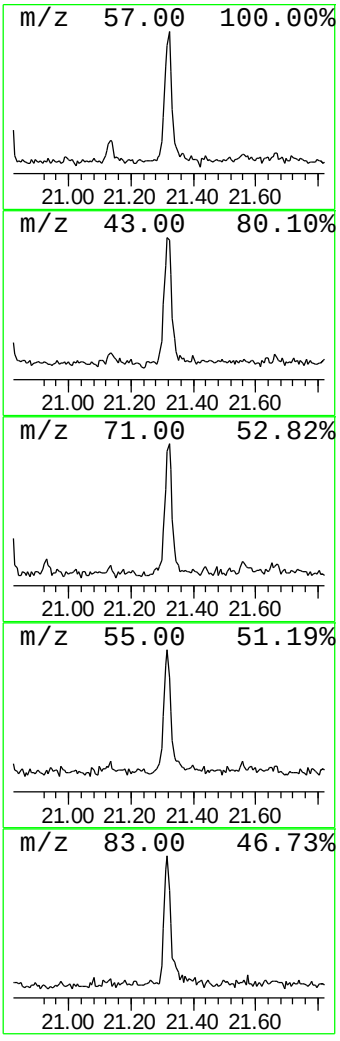
****

Peak Number 6 (DEL) Alkane: Cyclic21.32 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.41 ng/ul	461041	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	96
2	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	90
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	83
5	17-Pentatriacontene	491	C35H70	006971-40-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018361.D
Acq On : 10 Aug 2015 19:39
Operator : UM/MA
Sample : G3154-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01Z2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
(DEL) Alkane: Cyc...	17.78	7.1	ng/ul	692915	4	17.40	1947490	20.0
n-Hexadecanoic acid	18.29	3.1	ng/ul	307083	4	17.40	1947490	20.0
unknown-01	18.72	12.9	ng/ul	1255570	4	17.40	1947490	20.0
4b,8-Dimethyl-2-i...	19.02	11.3	ng/ul	1103690	4	17.40	1947490	20.0
10,18-Bisnorabiet...	19.51	3.3	ng/ul	316769	4	17.40	1947490	20.0
(DEL) Alkane: Cyc...	21.32	4.4	ng/ul	461041	5	21.66	2092310	20.0