LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026810.D
Acq On : 1 May 2017 17:16
Operator : SJ/MA
Sample : I2846-19DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01DL

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\SOM-EPA-BG042717.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	3.427	54	58	68	rVB5	12252	33536	0.78%	0.099%
2	4.185	181	187	199	rVB2	20249	40854	0.95%	0.121%
3	5.407	390	395	408	rVB2	38081	67716	1.58%	0.200%
4	5.513	408	413	420	rBV3	16490	29200	0.68%	0.086%
5	5.648	430	436	447	rBV4	19030	47927	1.12%	0.141%
6	5.848	466	470	474	rBV4	7022	12887	0.30%	0.038%
7	5.995	489	495	507	rVB3	46502	96595	2.26%	0.285%
8	6.994	660	665	670	rBV5	5954	11987	0.28%	0.035%
9	7.105	678	684	687	rBV2	11427	20898	0.49%	0.062%
10	7.188	687	698	712	rVV	174400	400970	9.37%	1.183%
11	7.329	717	722	730	rBV	168463	287154	6.71%	0.847%
12	7.434	739	740	747	rVB4	7647	14169	0.33%	0.042%
13	7.552	753	760	770	rBV	201842	373077	8.71%	1.101%
14	7.658	770	778	784	rVB3	29085	56686	1.32%	0.167%
15	8.010	828	838	853	rBV	585601	1005270	23.48%	2.966%
16	8.122	855	857	866	rVB5	11803	23922	0.56%	0.071%
17	8.562	926	932	937	rVB5	7982	13244	0.31%	0.039%
18	8.651	941	947	951	rBV5	13417	28374	0.66%	0.084%
19	8.727	954	960	973	rBV	194278	405756	9.48%	1.197%
20	8.833	975	978	985	rVB3	12268	22639	0.53%	0.067%
21	8.962	996	1000	1005	rVV6	9662	14359	0.34%	0.042%
22	9.009	1005	1008	1014	rVB3	6993	14859	0.35%	0.044%
23	9.115	1017	1026	1029	rBV8	13216	27875	0.65%	0.082%
24	9.168	1029	1035	1043	rVV	185721	323740	7.56%	0.955%
25	9.326	1056	1062	1075	rBV9	18477	50641	1.18%	0.149%
26	9.591	1102	1107	1110	rBV3	8820	14406	0.34%	0.043%
27	9.644	1112	1116	1122	rBV5	7544	14572	0.34%	0.043%
28	9.696	1122	1125	1128	rVV4	11419	16847	0.39%	0.050%
29	9.738	1128	1132	1139	rVB2	19465	32499	0.76%	0.096%
30	9.890	1150	1158	1171	rBV	161888	311845	7.28%	0.920%
31	9.996	1171	1176	1184	rVB8	8727	26572	0.62%	0.078%
32	10.155	1198	1203	1206	rBV6	8797	16147	0.38%	0.048%
33	10.213	1208	1213	1218	rVB8	9367	17601	0.41%	0.052%
34	10.272	1220	1223	1229	rVB4	7525	11707	0.27%	0.035%

LSC Area Percent Report

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Acq On : 1 May 2017 17:16
Operator : SJ/MA
Sample : I2846-19DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01DL

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\SOM-EPA-BG042717.M
Title : SVOA CALIBRATION

35	10.443	1245	1252	1271	rVB	233190	493054	11.52%	1.455%
36	10.642	1281	1286	1293	rBV10	9744	20800	0.49%	0.061%
37	10.807	1305	1314	1331	rVB	935445	1726839	40.34%	5.095%
38	10.948	1331	1338	1348	rBV	180887	375856	8.78%	1.109%
39	11.465	1419	1426	1432	rBV10	7121	16863	0.39%	0.050%
40	11.577	1439	1445	1448	rBV7	8900	16242	0.38%	0.048%
41	11.635	1448	1455	1463	rVV10	9892	31863	0.74%	0.094%
42	11.718	1463	1469	1476	rVB8	5451	14583	0.34%	0.043%
43	12.217	1547	1554	1560	rBV5	11942	23579	0.55%	0.070%
44	12.429	1586	1590	1592	rVV4	11617	15731	0.37%	0.046%
45	12.458	1592	1595	1604	rVB4	23536	43474	1.02%	0.128%
46	12.675	1627	1632	1639	rBV	14336	26820	0.63%	0.079%
47	13.439	1756	1762	1772	rBV3	23340	61487	1.44%	0.181%
48	13.515	1772	1775	1780	rVV7	12747	23175	0.54%	0.068%
49	13.574	1780	1785	1788	rVB7	6954	13129	0.31%	0.039%
50	13.786	1815	1821	1831	rBV10	13796	43304	1.01%	0.128%
51	13.944	1837	1848	1853	rBV8	21585	59771	1.40%	0.176%
52	14.021	1853	1861	1866	rVV	483988	714494	16.69%	2.108%
53	14.068	1866	1869	1878	rVB	114293	170660	3.99%	0.504%
54	14.150	1878	1883	1884	rBV5	7662	12045	0.28%	0.036%
55	14.268	1899	1903	1905	rBV5	13504	16887	0.39%	0.050%
56	14.315	1905	1911	1923	rVB	599084	948317	22.15%	2.798%
57	14.508	1939	1944	1953	rBV2	39925	60912	1.42%	0.180%
58	14.620	1953	1963	1974	rVV2	1276302	2108970	49.26%	6.223%
59	14.702	1974	1977	1981	rVV6	7718	12958	0.30%	0.038%
60	14.755	1981	1986	1993	rVB6	5964	18530	0.43%	0.055%
61	14.855	1995	2003	2015	rBV2	95742	272934	6.38%	0.805%
62	15.096	2040	2044	2046	rBV5	11942	16467	0.38%	0.049%
63	15.131	2048	2050	2055	rVB6	11562	11764	0.27%	0.035%
64	15.231	2065	2067	2072	rBV5	12626	17059	0.40%	0.050%
65	15.290	2072	2077	2081	rVB8	12219	20597	0.48%	0.061%
66	15.407	2091	2097	2100	rBV5	25608	40111	0.94%	0.118%
67	15.454	2100	2105	2111	rVB	52088	73367	1.71%	0.216%
68	15.507	2111	2114	2117	rBV5	14003	15766	0.37%	0.047%
69	15.607	2124	2131	2138	rVV	750288	1101604	25.73%	3.250%
70	15.731	2146	2152	2157	rBV	127725	219822	5.13%	0.649%
71	15.778	2157	2160	2165	rVB6	37786	50497	1.18%	0.149%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026810.D
Acq On : 1 May 2017 17:16
Operator : SJ/MA
Sample : I2846-19DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01DL

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\SOM-EPA-BG042717.M
Title : SVOA CALIBRATION

72	15.860	2169	2174	2178	rVB4	22770	45046	1.05%	0.133%
73	15.954	2187	2190	2197	rVB9	16025	34323	0.80%	0.101%
74	16.071	2207	2210	2213	rBV5	9470	13072	0.31%	0.039%
75	16.154	2219	2224	2232	rBV	81711	122690	2.87%	0.362%
76	16.312	2246	2251	2261	rBV3	71989	178546	4.17%	0.527%
77	16.441	2269	2273	2274	rBV4	10827	14355	0.34%	0.042%
78	16.571	2290	2295	2302	rBV10	20360	50222	1.17%	0.148%
79	16.665	2307	2311	2312	rBV4	22012	23164	0.54%	0.068%
80	16.700	2313	2317	2323	rVB	76025	121345	2.83%	0.358%
81	16.753	2323	2326	2332	rBV8	28421	51802	1.21%	0.153%
82	17.099	2381	2385	2391	rBV3	66649	115140	2.69%	0.340%
83	17.152	2392	2394	2403	rVB7	40940	74019	1.73%	0.218%
84	17.358	2419	2429	2435	rBV2	1356354	2165632	50.58%	6.390%
85	17.452	2440	2445	2454	rVB	700253	1080491	25.24%	3.188%
86	17.758	2494	2497	2501	rBV5	34562	53867	1.26%	0.159%
87	17.840	2507	2511	2514	rBV3	77679	122332	2.86%	0.361%
88	18.051	2543	2547	2552	rBV	146555	199853	4.67%	0.590%
89	18.239	2574	2579	2585	rBV2	224312	410616	9.59%	1.212%
90	18.304	2586	2590	2597	rVB	219790	318671	7.44%	0.940%
91	18.733	2659	2663	2666	rBV5	63449	93145	2.18%	0.275%
92	19.508	2790	2795	2800	rBV5	327501	572231	13.37%	1.688%
93	19.738	2829	2834	2841	rBV	838626	1331006	31.09%	3.927%
94	20.642	2982	2988	2993	rVB	3531497	4281195	100.00%	12.632%
95	21.236	3086	3089	3098	rVB	595771	774296	18.09%	2.285%
96	21.483	3126	3131	3141	rVB	1192108	1617390	37.78%	4.772%
97	21.606	3146	3152	3161	rVB	1345194	2340082	54.66%	6.905%
98	21.817	3185	3188	3195	rVB	401029	586424	13.70%	1.730%
99	24.561	3649	3655	3661	rVB2	399237	963842	22.51%	2.844%
100	24.773	3683	3691	3705	rVB2	1089702	3339803	78.01%	9.854%

Sum of corrected areas: 33891462

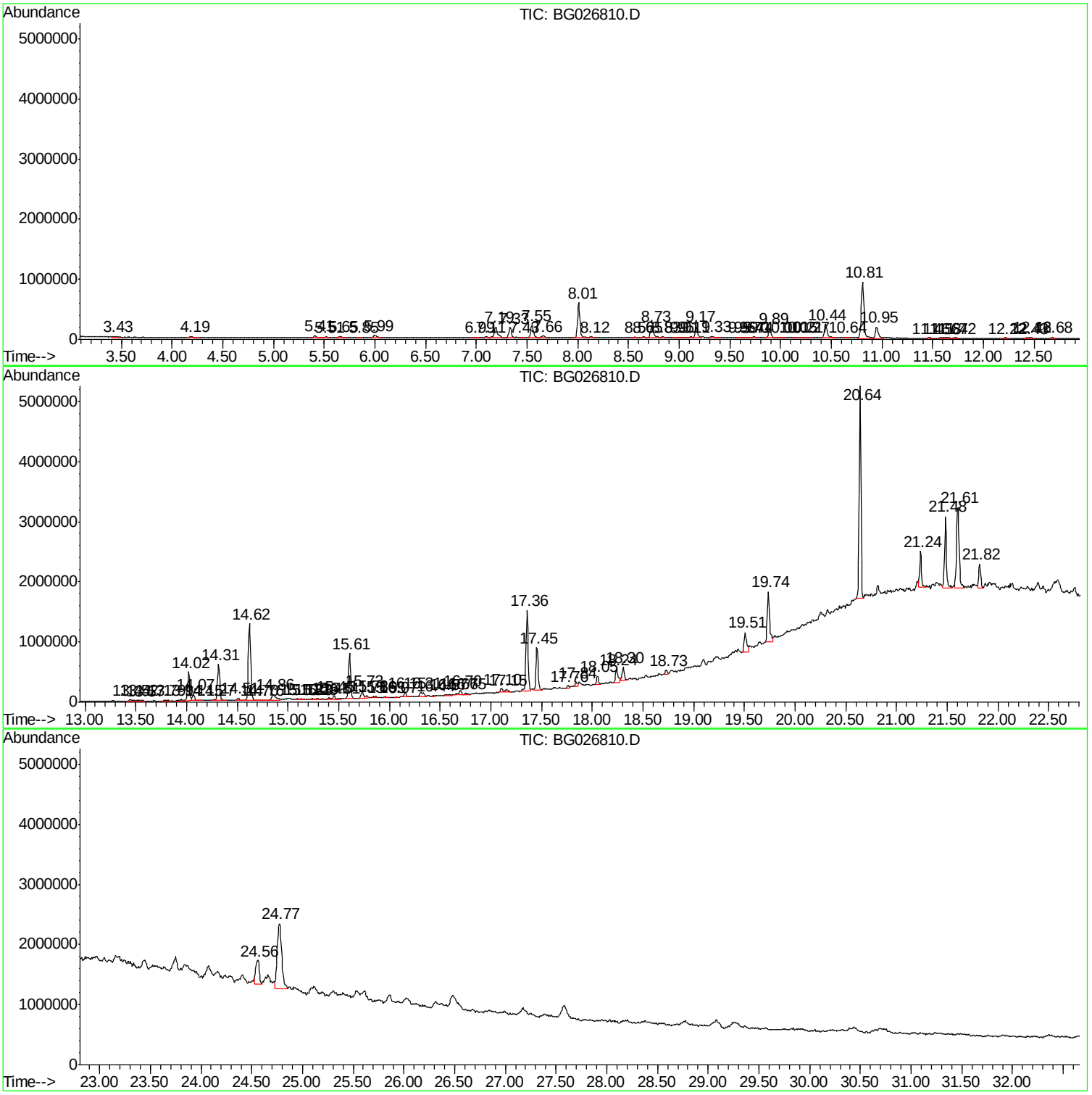
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026810.D
Acq On : 1 May 2017 17:16
Operator : SJ/MA
Sample : I2846-19DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026810.D
Acq On : 1 May 2017 17:16
Operator : SJ/MA
Sample : I2846-19DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

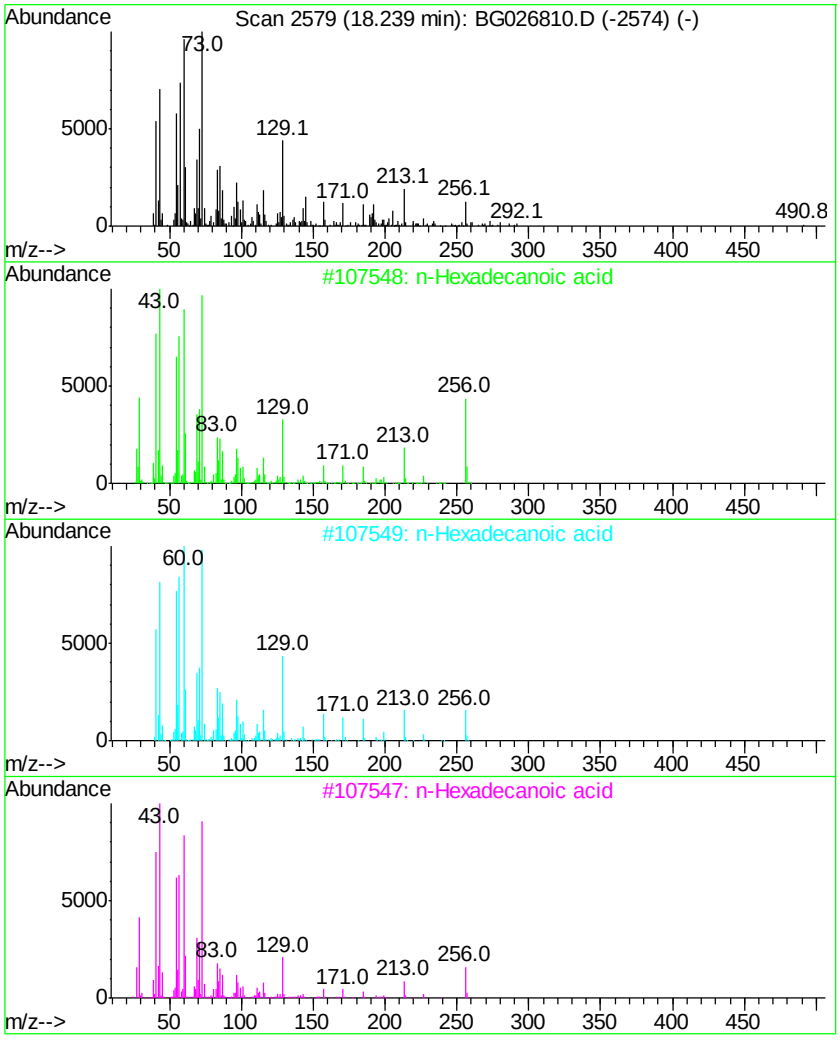
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

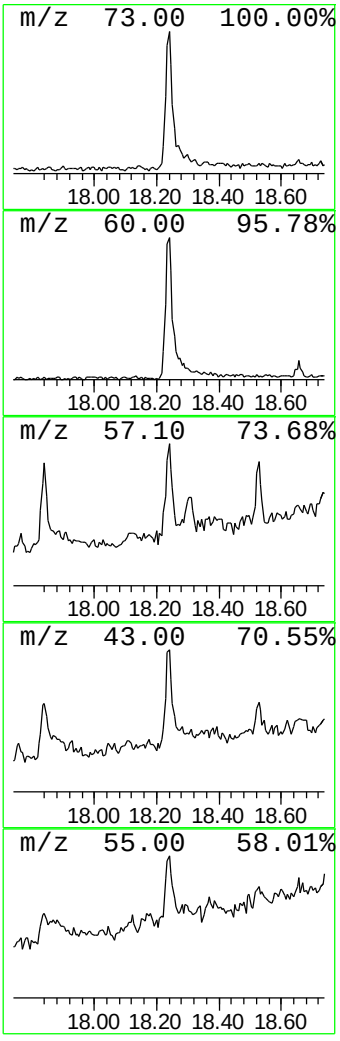
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	3.79 ng/ul	410616	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026810.D
Acq On : 1 May 2017 17:16
Operator : SJ/MA
Sample : I2846-19DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

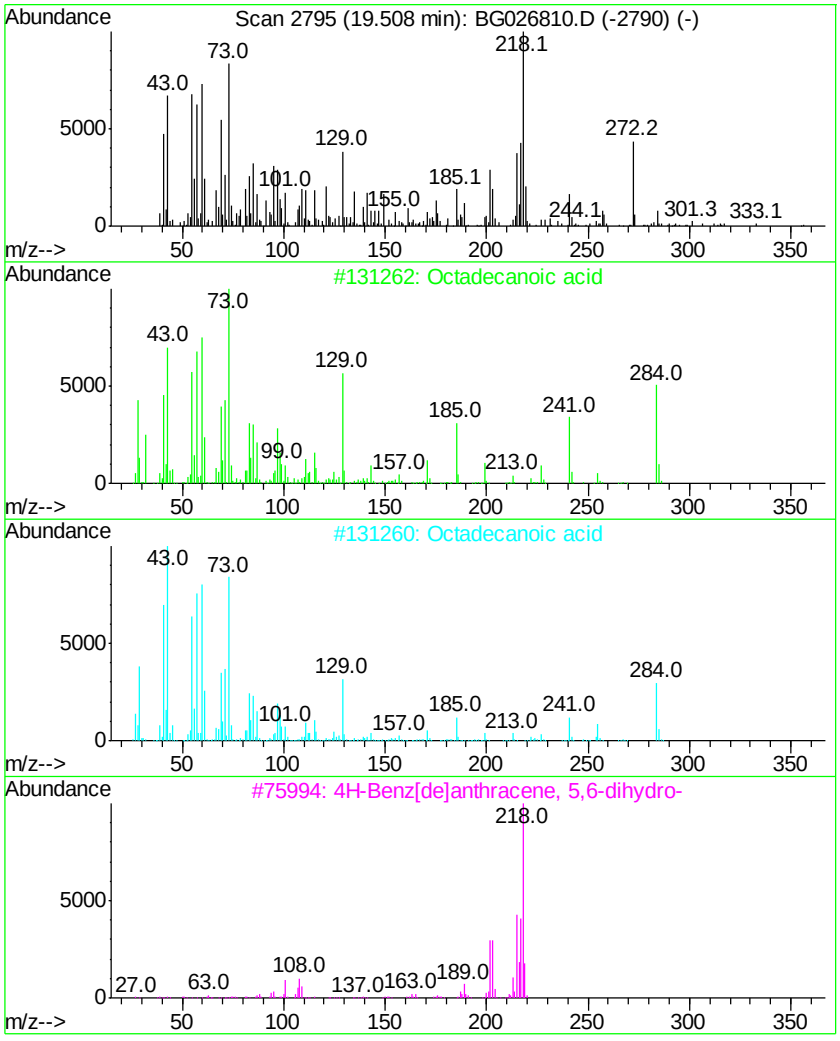
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

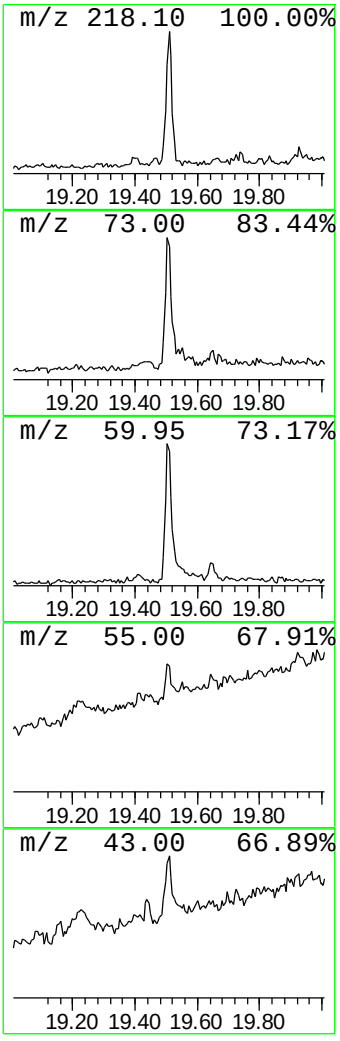
****

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	4.89 ng/ul	572231	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	58
2	Octadecanoic acid	284	C18H36O2	000057-11-4	55
3	4H-Benz[delanthracene, 5,6-dihydro-	218	C17H14	004389-09-7	42
4	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	38
5	6-Methyl-8-phenylbenzocyclohepte...	246	C18H14O	1000211-20-7	38





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Sample : I2846-19DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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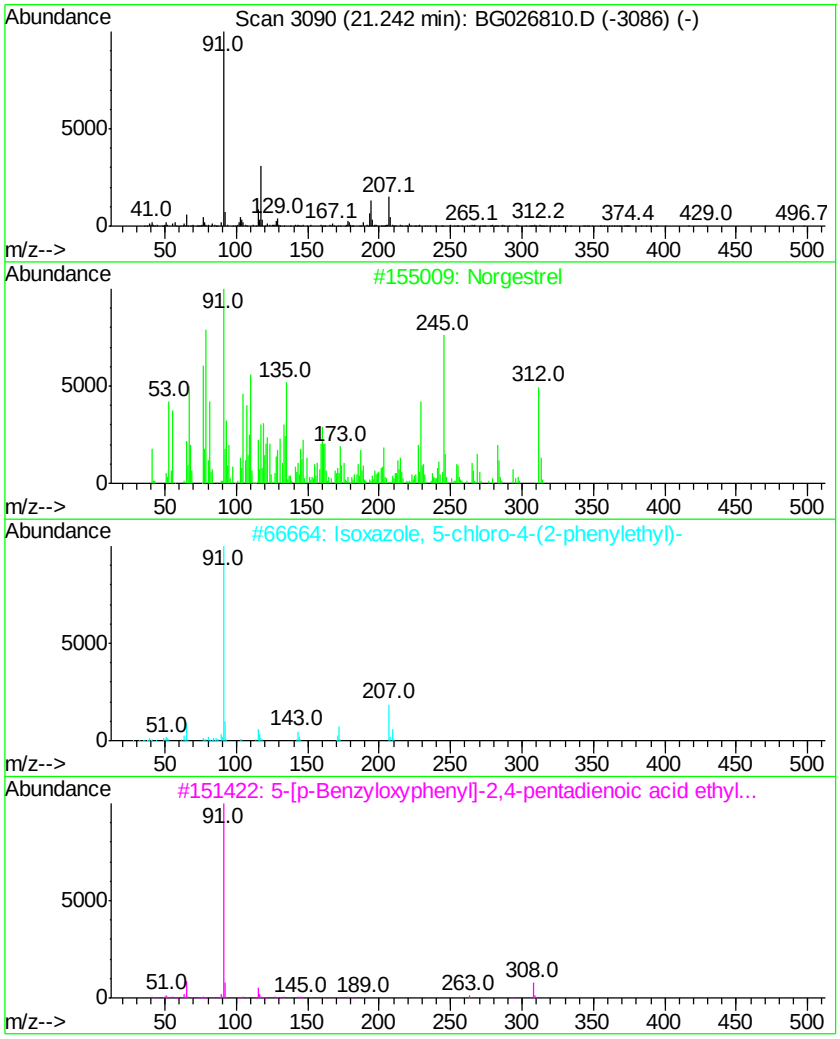
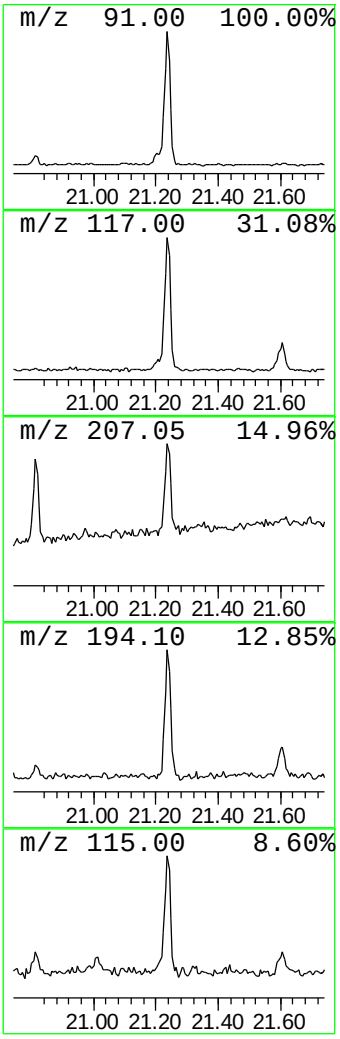
Peak Number 3 Norgestrel Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	6.62 ng/ul	774296	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Norgestrel	312	C21H28O2	006533-00-2	91
2	Isoxazole, 5-chloro-4-(2-phenyle...	207	C11H10ClNO	1000362-09-0	25
3	5-[p-Benzyloxyphenyl]-2,4-pentad...	308	C20H20O3	015542-29-7	14
4	Benzonitrile, 2-(4-benzyloxybenz...	312	C21H16N2O	303212-07-9	14
5	Piperazine-2,5-dione, 6-benzyl-3...	288	C12H11F3N2O3	1000303-24-1	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026810.D
Acq On : 1 May 2017 17:16
Operator : SJ/MA
Sample : I2846-19DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

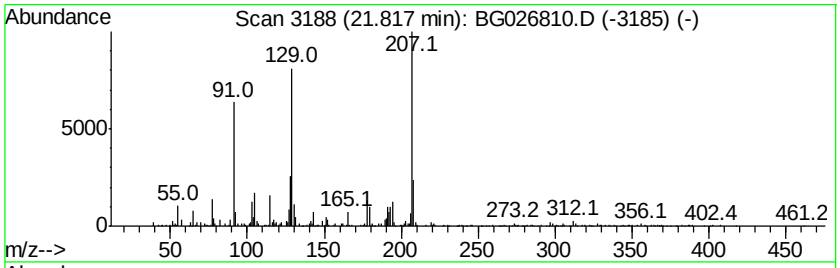
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

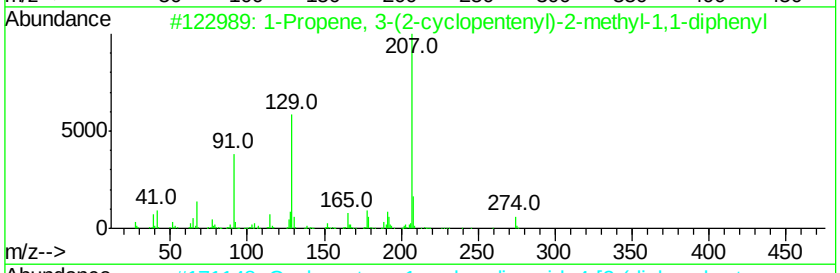
****

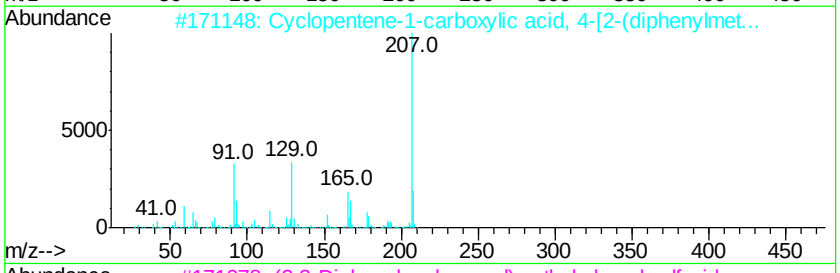
Peak Number 4 1-Propene, 3-(2-cyclopenten... Concentration Rank 2

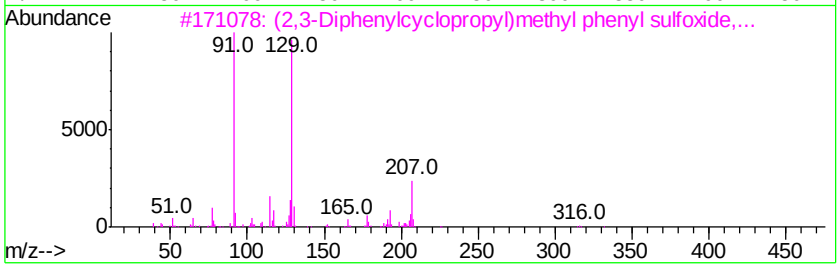
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	5.01 ng/ul	586424	Chrysene-d12	21.61

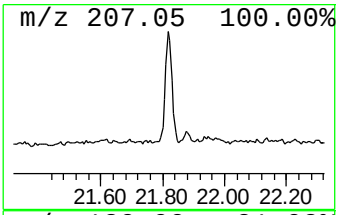
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	72
2	Cyclopentene-1-carboxylic acid, ...	332	C23H24O2	1000159-40-6	64
3	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	45
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38
5	Methadone N-oxide	325	C21H27NO2	1000120-80-7	38

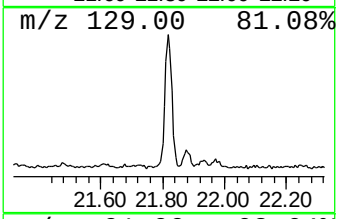


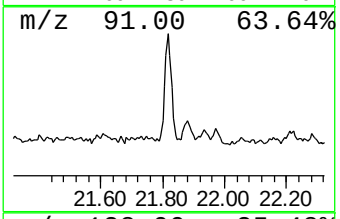


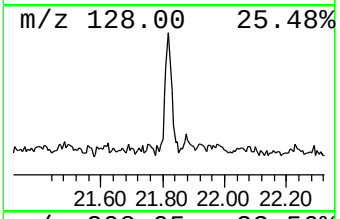


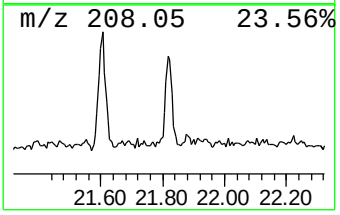












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\
Data File : BG026810.D
Acq On : 1 May 2017 17:16
Operator : SJ/MA
Sample : I2846-19DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
n-Hexadecanoic acid	18.24	3.8	ng/ul	410616	4	17.36	2165630	20.0
Octadecanoic acid	19.51	4.9	ng/ul	572231	5	21.61	2340080	20.0
Norgestrel	21.24	6.6	ng/ul	774296	5	21.61	2340080	20.0
1-Propene, 3-(2-c...	21.82	5.0	ng/ul	586424	5	21.61	2340080	20.0