LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029241.D
Acq On : 15 Oct 2017 2:54
Operator : SJ/JU
Sample : I5548-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF4

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-BG101417.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	3.553	41	45	55	rVB2	18880	30127	1.42%	0.100%
2	3.835	87	93	100	rBV3	10209	22626	1.07%	0.075%
3	4.082	132	135	145	rVB6	5029	12052	0.57%	0.040%
4	4.182	145	152	155	rBV6	4388	8269	0.39%	0.027%
5	4.675	231	236	243	rVB6	6348	12594	0.59%	0.042%
6	5.251	327	334	339	rVV6	5634	11740	0.55%	0.039%
7	5.568	384	388	396	rBV7	4897	12290	0.58%	0.041%
8	6.232	496	501	506	rVB7	4034	7357	0.35%	0.024%
9	6.361	517	523	528	rBV8	4194	7239	0.34%	0.024%
10	6.861	602	608	611	rVB7	4194	7493	0.35%	0.025%
11	7.137	649	655	665	rBV3	19461	38576	1.82%	0.128%
12	7.319	678	686	702	rVB	349189	670242	31.66%	2.224%
13	7.489	702	715	727	rBV	288164	466441	22.03%	1.548%
14	7.701	740	751	760	rBV	333498	570034	26.92%	1.892%
15	8.171	820	831	839	rBV	398644	688509	32.52%	2.285%
16	8.412	866	872	875	rBV6	4492	8728	0.41%	0.029%
17	8.459	875	880	886	rVB8	5212	12532	0.59%	0.042%
18	8.723	919	925	929	rBV6	3879	7305	0.35%	0.024%
19	8.870	942	950	960	rBV	390997	685093	32.36%	2.274%
20	9.129	990	994	1001	rBV4	2752	6755	0.32%	0.022%
21	9.334	1019	1029	1039	rBV	327829	584556	27.61%	1.940%
22	9.440	1039	1047	1052	rBV3	23943	42151	1.99%	0.140%
23	9.487	1053	1055	1060	rVB3	5721	9603	0.45%	0.032%
24	9.740	1095	1098	1105	rBV5	3502	6571	0.31%	0.022%
25	9.898	1113	1125	1127	rBV6	2377	6962	0.33%	0.023%
26	10.063	1145	1153	1163	rBV	270880	487561	23.03%	1.618%
27	10.269	1183	1188	1200	rVB7	6760	17294	0.82%	0.057%
28	10.603	1234	1245	1258	rBV	418151	769882	36.36%	2.555%
29	10.750	1263	1270	1278	rBV8	4605	10876	0.51%	0.036%
30	10.991	1296	1311	1321	rVB	595573	1074810	50.77%	3.567%
31	11.115	1321	1332	1345	rBV	282265	529325	25.00%	1.757%
32	11.267	1351	1358	1364	rVB4	2654	6443	0.30%	0.021%
33	11.755	1434	1441	1447	rBV6	8215	19327	0.91%	0.064%
34	11.990	1477	1481	1487	rVB5	2784	6549	0.31%	0.022%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029241.D
Acq On : 15 Oct 2017 2:54
Operator : SJ/JU
Sample : I5548-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF4

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-BG101417.M
Title : SVOA CALIBRATION

35	12.196	1508	1516	1520	rVB8	3218	6193	0.29%	0.021%
36	12.448	1554	1559	1566	rBV7	3977	7944	0.38%	0.026%
37	12.566	1574	1579	1587	rVV6	8360	15380	0.73%	0.051%
38	13.095	1665	1669	1676	rVB7	3656	9273	0.44%	0.031%
39	13.165	1676	1681	1686	rBV5	7564	14609	0.69%	0.048%
40	13.400	1716	1721	1725	rBV4	4920	8087	0.38%	0.027%
41	13.453	1725	1730	1733	rVB5	6158	8564	0.40%	0.028%
42	13.565	1740	1749	1753	rVB8	4646	12630	0.60%	0.042%
43	13.606	1753	1756	1763	rBV7	3456	7100	0.34%	0.024%
44	13.682	1763	1769	1776	rVV8	15499	30795	1.45%	0.102%
45	13.905	1799	1807	1820	rBV	13526	30102	1.42%	0.100%
46	14.070	1827	1835	1838	rBV6	8197	14580	0.69%	0.048%
47	14.117	1839	1843	1848	rVV4	13472	21414	1.01%	0.071%
48	14.187	1848	1855	1859	rVV	791128	1164353	55.00%	3.864%
49	14.235	1859	1863	1872	rVV	369614	527268	24.90%	1.750%
50	14.487	1899	1906	1913	rVV	905572	1420085	67.07%	4.713%
51	14.552	1913	1917	1922	rVV7	5240	8656	0.41%	0.029%
52	14.628	1926	1930	1934	rBV4	22170	31274	1.48%	0.104%
53	14.669	1934	1937	1943	rVB4	19116	27252	1.29%	0.090%
54	14.746	1943	1950	1953	rBV	144676	221163	10.45%	0.734%
55	14.793	1953	1958	1966	rVV2	910467	1463967	69.15%	4.858%
56	14.851	1966	1968	1972	rVB5	13663	14396	0.68%	0.048%
57	14.969	1981	1988	1995	rBV	333721	526487	24.87%	1.747%
58	15.034	1995	1999	2005	rVV4	31104	49433	2.33%	0.164%
59	15.110	2005	2012	2018	rVB5	24544	48821	2.31%	0.162%
60	15.186	2019	2025	2033	rBV7	30784	60452	2.86%	0.201%
61	15.574	2087	2091	2093	rBV4	5827	7048	0.33%	0.023%
62	15.621	2095	2099	2103	rVB	28455	32998	1.56%	0.110%
63	15.668	2104	2107	2114	rVB9	6365	7749	0.37%	0.026%
64	15.780	2119	2126	2135	rVB	1119150	1710830	80.81%	5.677%
65	15.886	2136	2144	2154	rBV	273365	411302	19.43%	1.365%
66	16.021	2161	2167	2173	rVB6	19759	31886	1.51%	0.106%
67	16.121	2180	2184	2187	rBV6	7115	8424	0.40%	0.028%
68	16.162	2187	2191	2199	rVV2	45822	76328	3.61%	0.253%
69	16.250	2201	2206	2210	rVB7	19588	31365	1.48%	0.104%
70	16.344	2217	2222	2228	rVB7	24690	38745	1.83%	0.129%
71	16.479	2241	2245	2255	rVB2	36923	71388	3.37%	0.237%

LSC Area Percent Report

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Data File : BG029241.D
Acq On : 15 Oct 2017 2:54
Operator : SJ/JU
Sample : I5548-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF4

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-BG101417.M
Title : SVOA CALIBRATION

72	16.626	2265	2270	2279	rBV10	15363	37657	1.78%	0.125%
73	16.826	2300	2304	2307	rBV6	6706	8991	0.42%	0.030%
74	16.984	2329	2331	2336	rBV6	6168	8408	0.40%	0.028%
75	17.055	2338	2343	2349	rBV2	28386	45561	2.15%	0.151%
76	17.272	2376	2380	2383	rBV	22723	28721	1.36%	0.095%
77	17.313	2384	2387	2394	rVB9	8820	12568	0.59%	0.042%
78	17.525	2415	2423	2433	rBV2	1091112	1706355	80.60%	5.663%
79	17.625	2433	2440	2449	rVB2	1097511	1684788	79.58%	5.591%
80	17.795	2461	2469	2477	rBV9	8167	21045	0.99%	0.070%
81	17.895	2478	2486	2490	rVV9	22146	38051	1.80%	0.126%
82	18.007	2503	2505	2510	rVB6	9747	11488	0.54%	0.038%
83	18.177	2531	2534	2542	rVB8	16598	22758	1.07%	0.076%
84	18.394	2566	2571	2579	rBV	192072	294679	13.92%	0.978%
85	18.541	2594	2596	2601	rBV6	7204	9312	0.44%	0.031%
86	18.747	2627	2631	2634	rVB5	12015	15344	0.72%	0.051%
87	19.540	2760	2766	2768	rBV4	34986	69509	3.28%	0.231%
88	19.658	2783	2786	2802	rVB3	125561	234905	11.10%	0.780%
89	19.804	2806	2811	2817	rVB3	115559	149697	7.07%	0.497%
90	19.898	2821	2827	2836	rBV	1267541	1865380	88.11%	6.190%
91	20.415	2912	2915	2920	rVB4	47504	52481	2.48%	0.174%
92	20.844	2984	2988	2994	rBV	126653	147287	6.96%	0.489%
93	21.244	3050	3056	3065	rVB	1140100	1584543	74.84%	5.258%
94	21.420	3082	3086	3098	rVB4	89187	186042	8.79%	0.617%
95	21.796	3143	3150	3166	rVB2	1019438	1768274	83.52%	5.868%
96	24.164	3548	3553	3565	rVB	127234	269139	12.71%	0.893%
97	24.887	3666	3676	3686	rVB2	593769	1644669	77.68%	5.458%
98	25.110	3705	3714	3733	rVB3	605840	2117191	100.00%	7.026%
99	26.320	3913	3920	3934	rVB3	164095	521429	24.63%	1.730%
100	27.736	4155	4161	4181	rVB3	155733	541108	25.56%	1.796%

Sum of corrected areas: 30133633

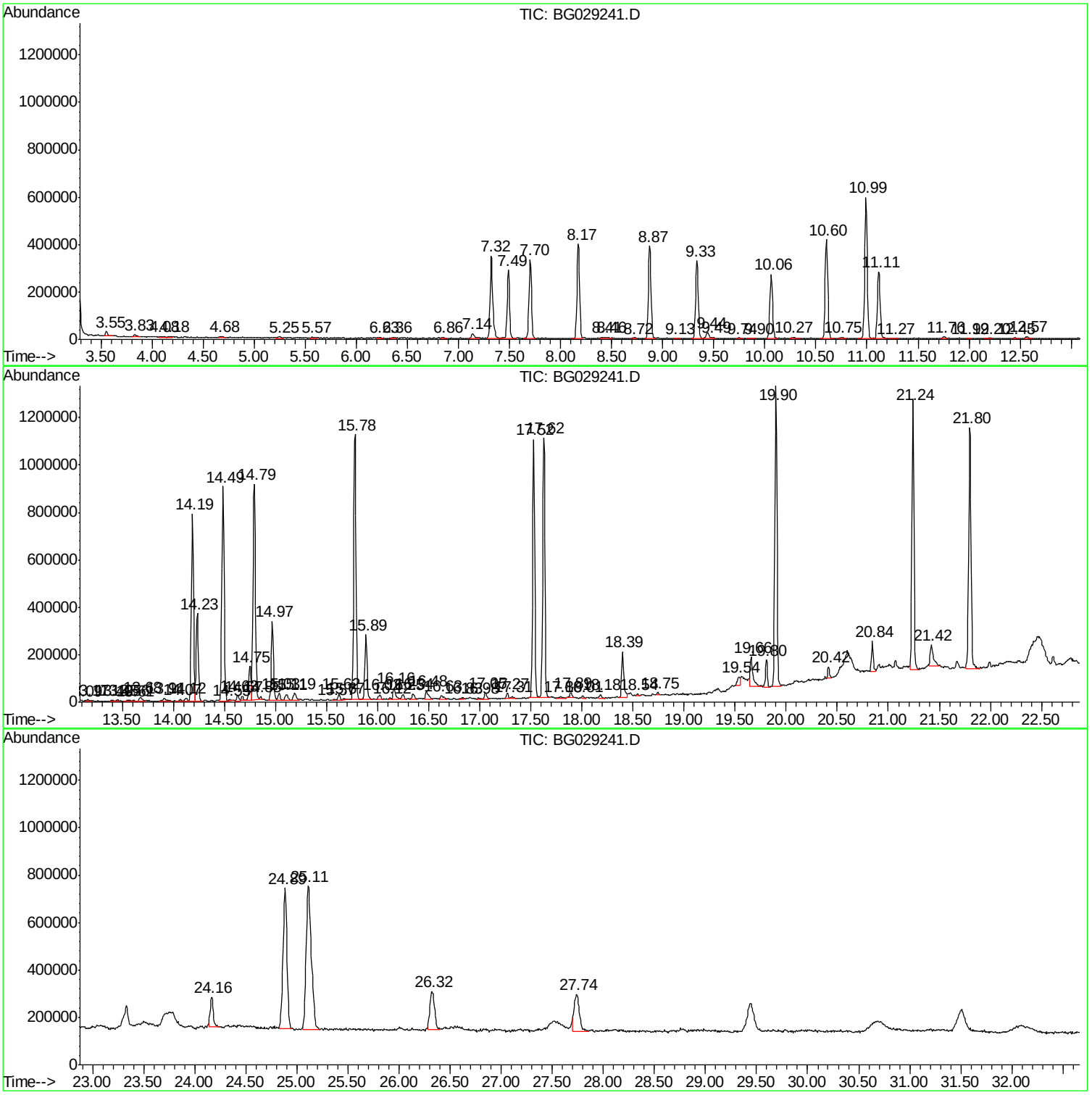
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029241.D
Acq On : 15 Oct 2017 2:54
Operator : SJ/JU
Sample : I5548-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029241.D
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Misc :
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Instrument : BNA_G
ClientSampleId : C0AF4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

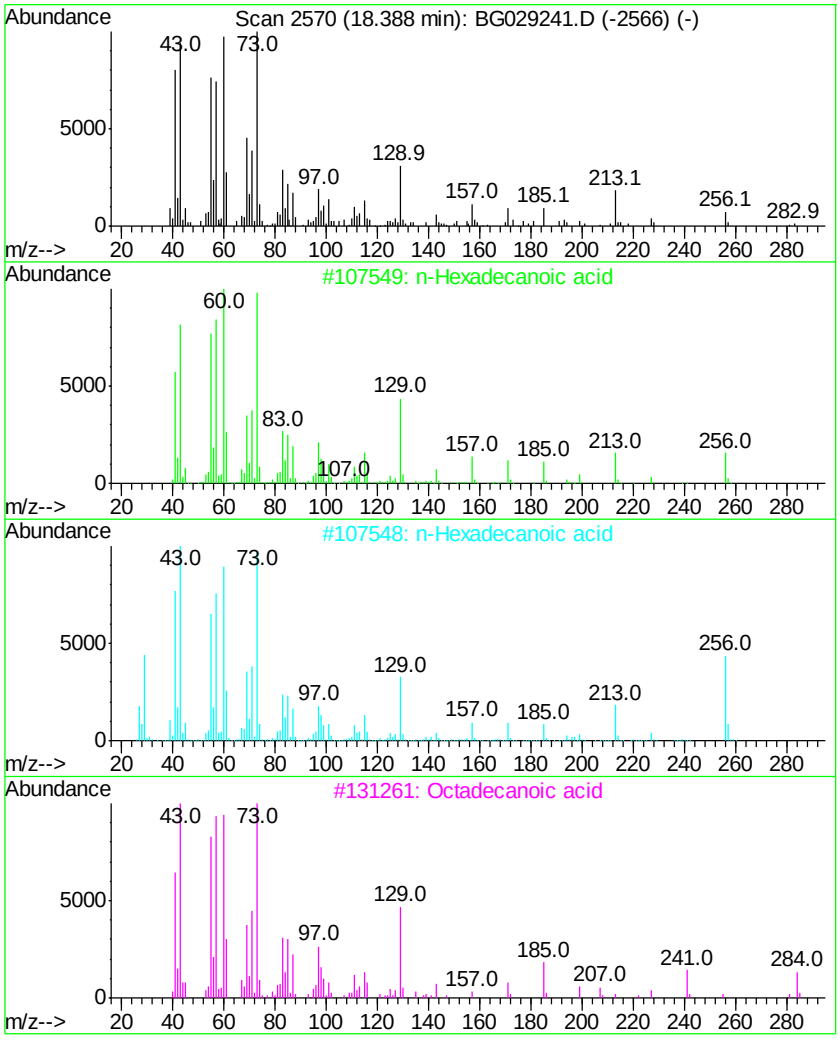
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

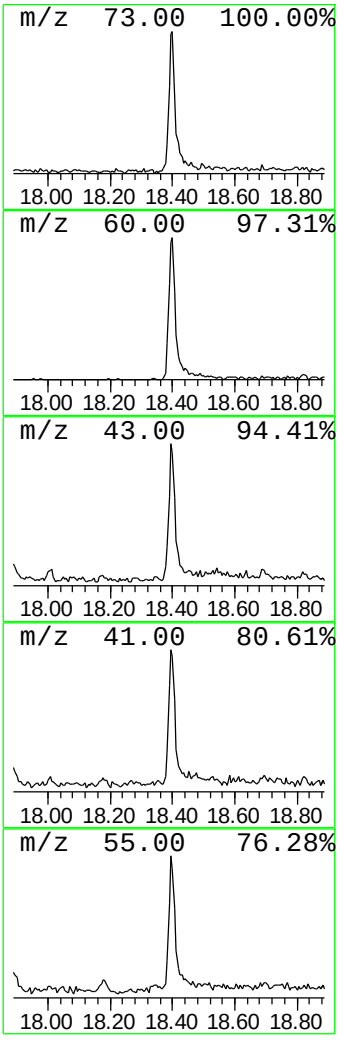
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.45 ng/ul	294679	Phenanthrene-d10	17.52

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029241.D
Acq On : 15 Oct 2017 2:54
Operator : SJ/JU
Sample : I5548-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

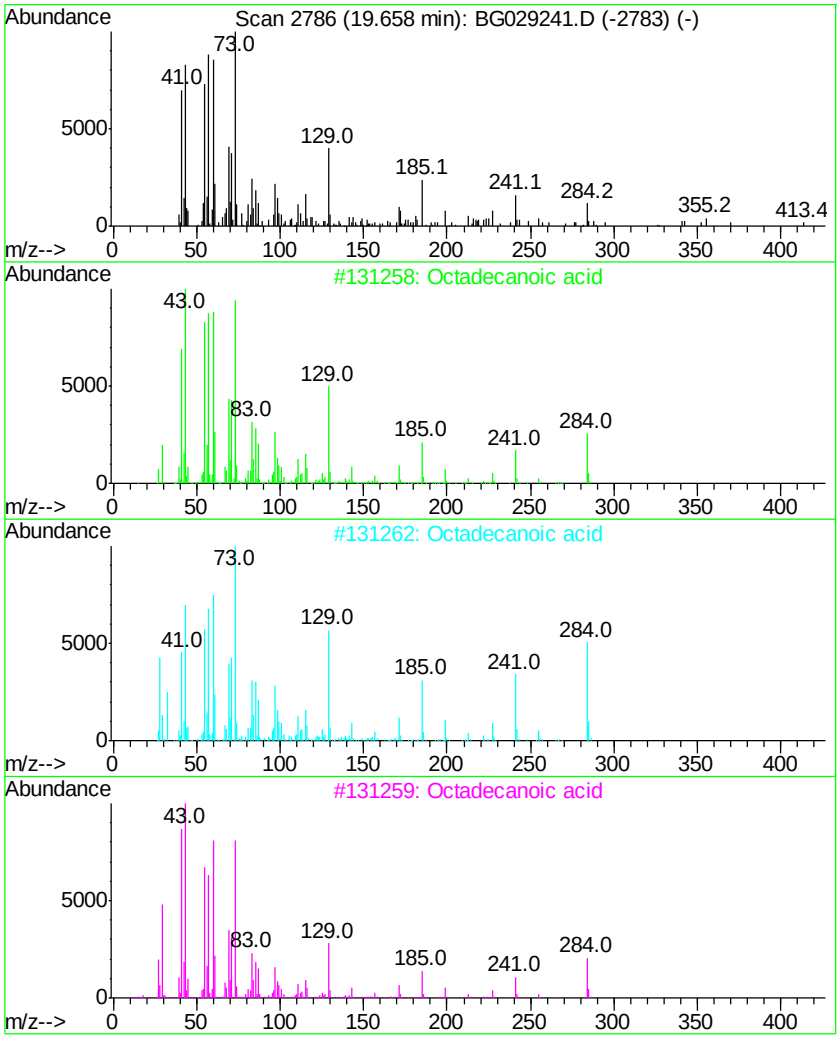
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

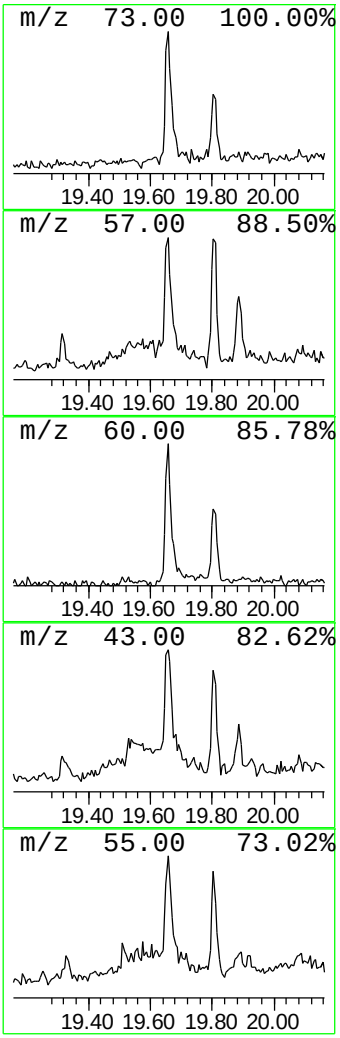
****

Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	2.75 ng/ul	234905	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	92
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Library Search Compound Report

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Data File : BG029241.D
Acq On : 15 Oct 2017 2:54
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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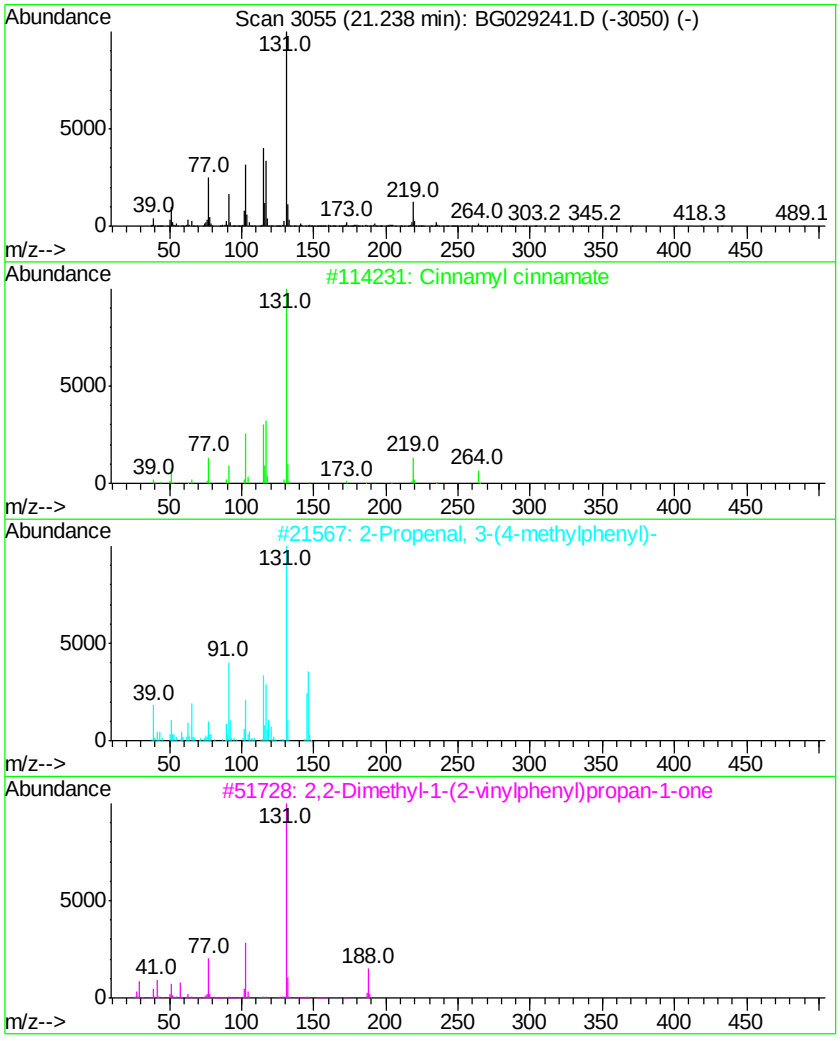
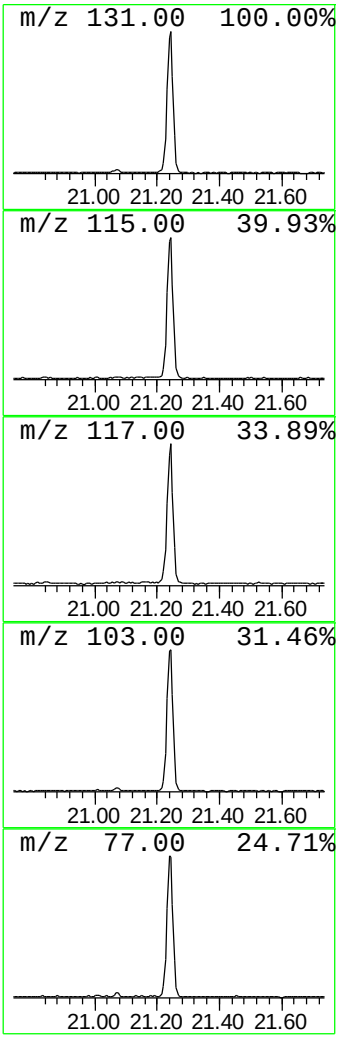
Peak Number 3 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	17.92 ng/ul	1584540	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	50
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
4	Oxalic acid, monoamide monohydra...	323	C18H17N3O3	1000294-01-4	47
5	2-Propenoic acid, 3-phenyl-, phe...	224	C15H12O2	025695-77-6	47





Library Search Compound Report

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Data File : BG029241.D
Acq On : 15 Oct 2017 2:54
Operator : SJ/JU
Sample : I5548-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

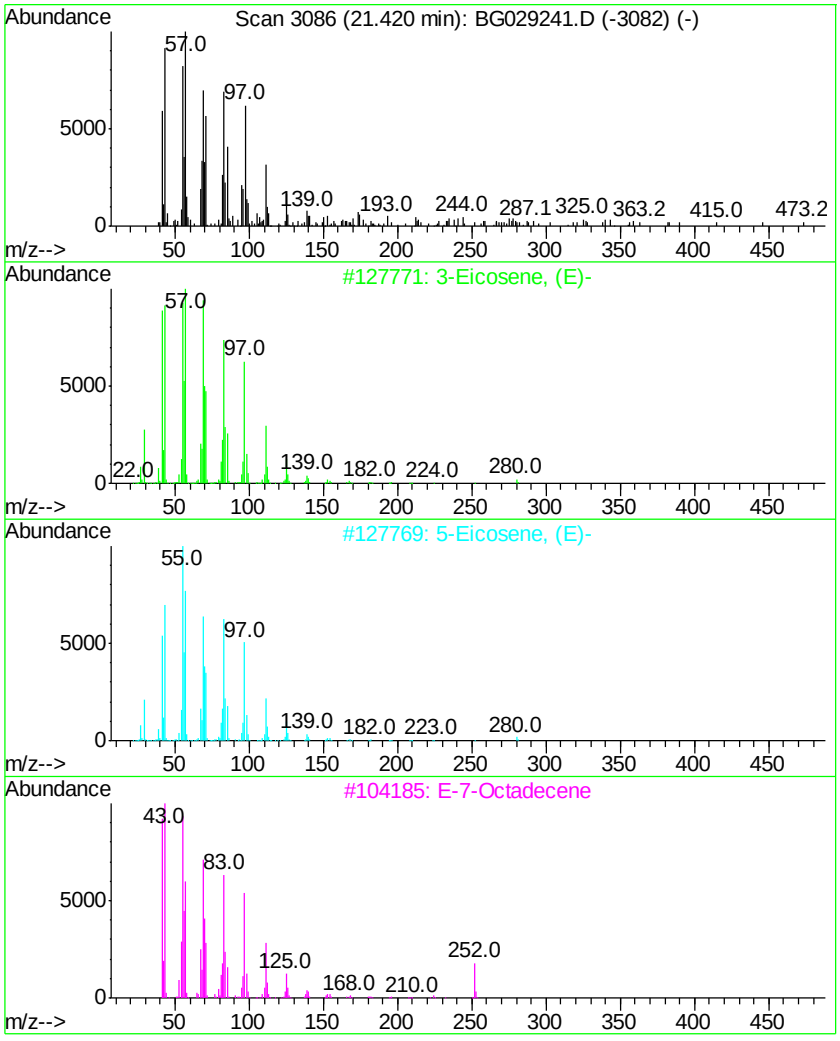
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

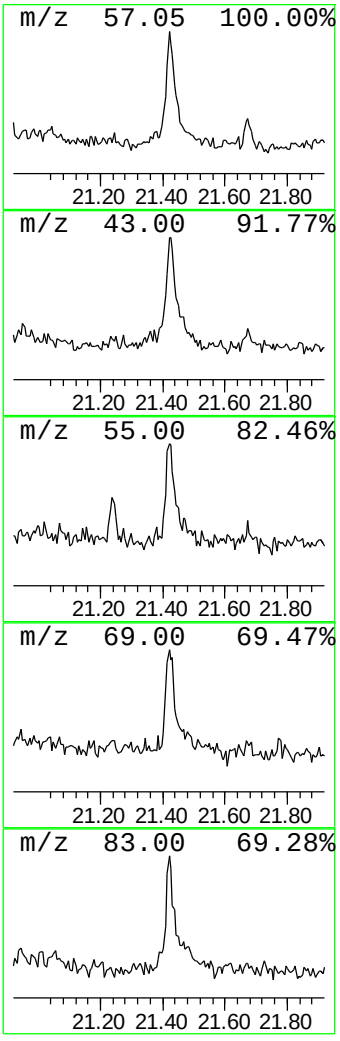
****

Peak Number 4 (DEL) Alkane: Cyclic21.42 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.10 ng/ul	186042	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
3	E-7-Octadecene	252	C18H36	1000130-92-0	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	1-Octadecene	252	C18H36	000112-88-9	90





Library Search Compound Report

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Data File : BG029241.D
Acq On : 15 Oct 2017 2:54
Operator : SJ/JU
Sample : I5548-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

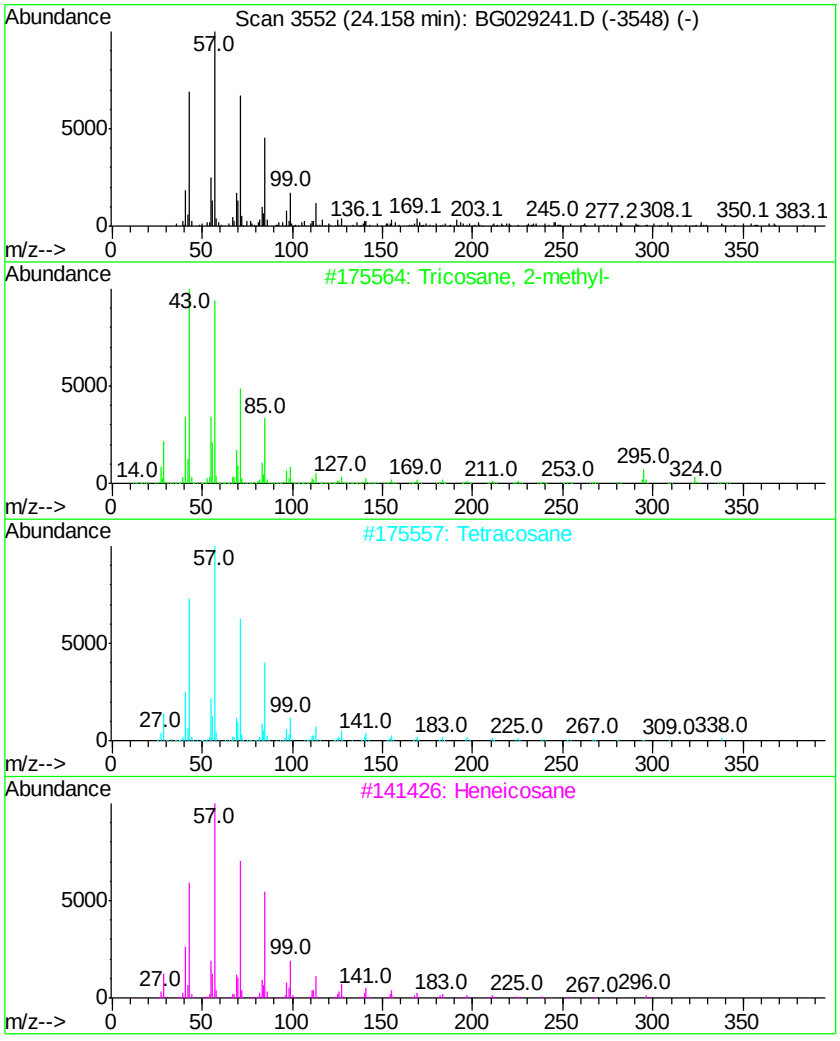
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

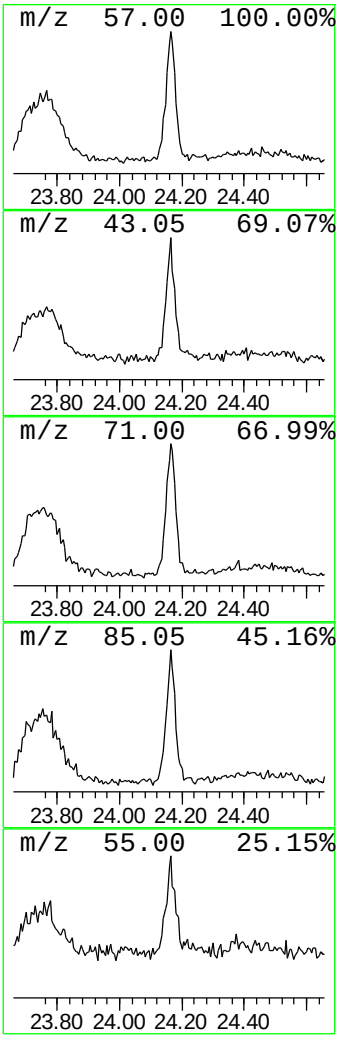
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	2.54 ng/ul	269139	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
2	Tetracosane	338	C24H50	000646-31-1	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	80





Library Search Compound Report

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Data File : BG029241.D
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Sample : I5548-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

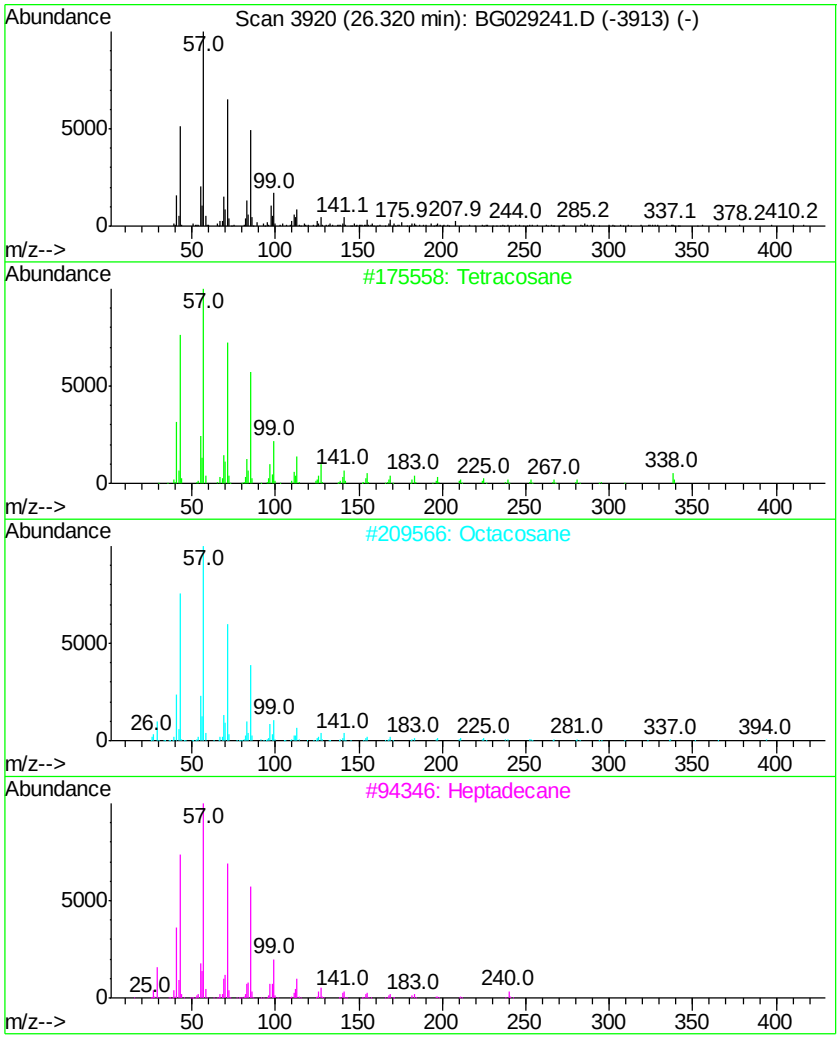
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

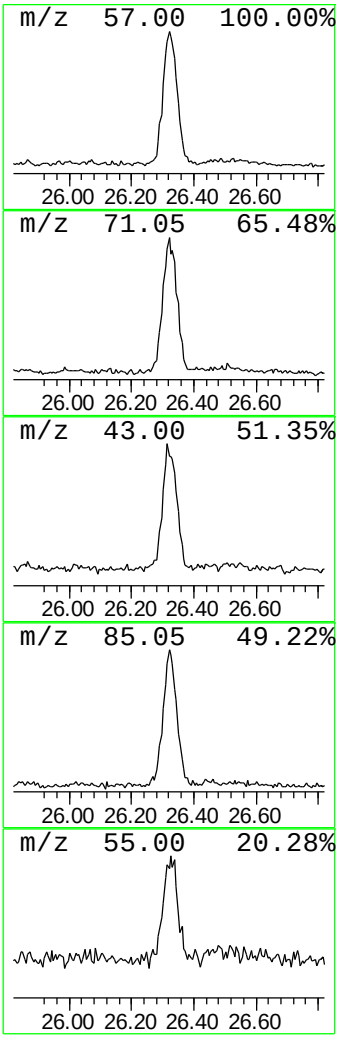
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.32	4.93 ng/ul	521429	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
5	Tricosane	324	C23H48	000638-67-5	83





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Data File : BG029241.D
Acq On : 15 Oct 2017 2:54
Operator : SJ/JU
Sample : I5548-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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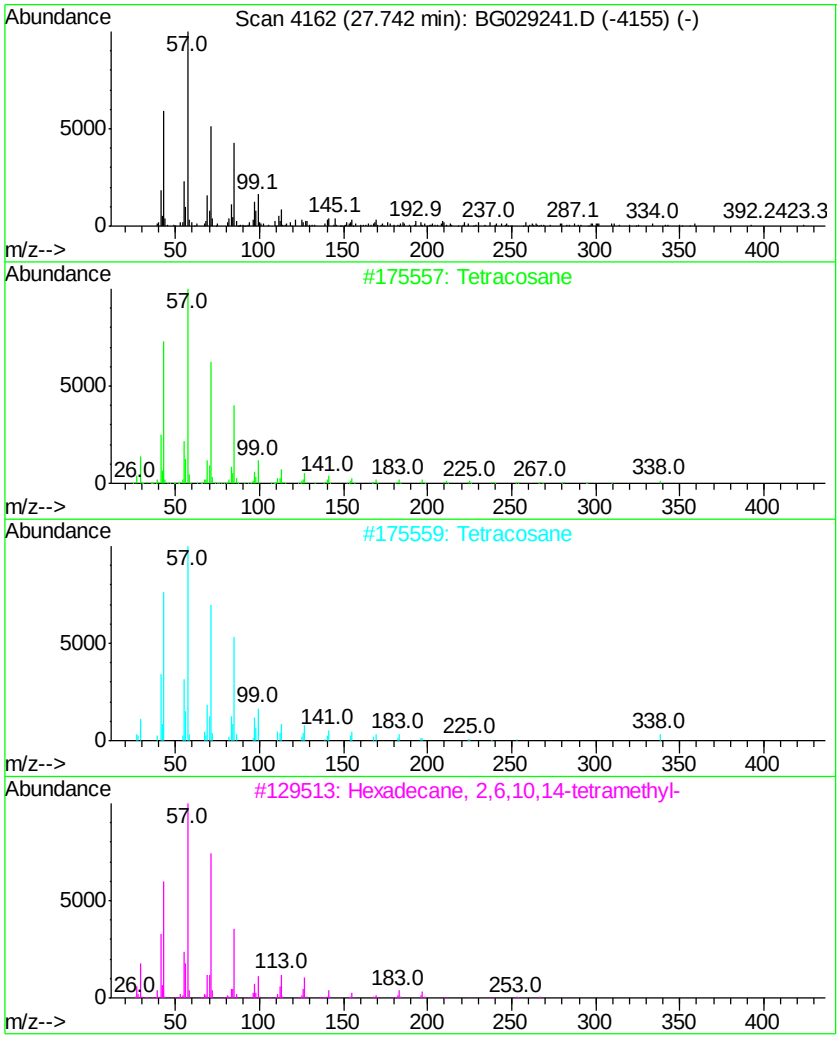
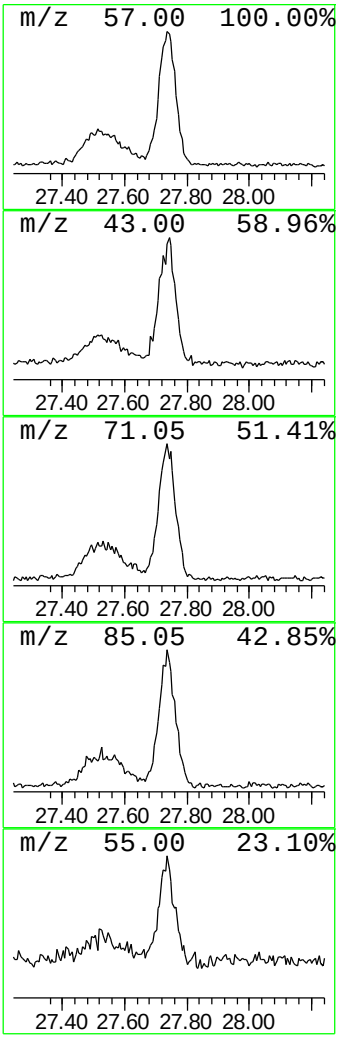
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.74	5.11 ng/ul	541108	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Tetracosane	338	C24H50	000646-31-1	93
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG101517\
Data File : BG029241.D
Acq On : 15 Oct 2017 2:54
Operator : SJ/JU
Sample : I5548-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.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	18.39	3.5	ng/ul	294679	4	17.52	1706360	20.0
Octadecanoic acid	19.66	2.8	ng/ul	234905	4	17.52	1706360	20.0
Cinnamyl cinnamate	21.24	17.9	ng/ul	1584540	5	21.80	1768270	20.0
(DEL) Alkane: Cyc...	21.42	2.1	ng/ul	186042	5	21.80	1768270	20.0
(DEL) Alkane: Str...	24.16	2.5	ng/ul	269139	6	25.11	2117190	20.0
(DEL) Alkane: Str...	26.32	4.9	ng/ul	521429	6	25.11	2117190	20.0
(DEL) Alkane: Str...	27.74	5.1	ng/ul	541108	6	25.11	2117190	20.0