LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

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-BG080217.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	3.824	35	40	50	rVB7	6950	16619	1.52%	0.129%
2	4.335	125	127	136	rVB6	2107	4907	0.45%	0.038%
3	4.446	136	146	154	rBV8	3320	9581	0.88%	0.075%
4	4.552	161	164	170	rVB4	3308	6405	0.59%	0.050%
5	4.758	189	199	207	rBV2	25643	46287	4.25%	0.360%
6	5.163	262	268	275	rBV3	17256	31242	2.87%	0.243%
7	5.439	309	315	321	rBV5	5634	10170	0.93%	0.079%
8	5.786	370	374	382	rVB2	1864	5350	0.49%	0.042%
9	5.915	390	396	402	rVB5	4777	8407	0.77%	0.065%
10	6.420	476	482	486	rVB5	2961	4751	0.44%	0.037%
11	7.496	656	665	680	rBV2	142577	300715	27.59%	2.340%
12	7.654	685	692	701	rVB	95517	161013	14.77%	1.253%
13	7.878	722	730	744	rVV	138624	251653	23.09%	1.959%
14	8.342	802	809	819	rVB	160115	287475	26.38%	2.237%
15	8.665	859	864	871	rVV4	2458	5395	0.49%	0.042%
16	8.824	886	891	895	rBV4	2669	4540	0.42%	0.035%
17	9.035	920	927	943	rBV	166145	334308	30.67%	2.602%
18	9.170	947	950	956	rVB4	2516	4832	0.44%	0.038%
19	9.435	990	995	999	rVV3	2980	4293	0.39%	0.033%
20	9.511	999	1008	1018	rVV	134106	264908	24.30%	2.062%
21	9.611	1020	1025	1041	rVB7	4929	14949	1.37%	0.116%
22	10.234	1118	1131	1142	rVV	119186	227497	20.87%	1.771%
23	10.545	1179	1184	1190	rVB5	2225	5116	0.47%	0.040%
24	10.780	1216	1224	1239	rBV	176248	355289	32.60%	2.765%
25	11.086	1272	1276	1281	rBV4	3608	6854	0.63%	0.053%
26	11.156	1281	1288	1296	rBV	224557	425906	39.08%	3.315%
27	11.291	1303	1311	1324	rBV2	132141	275973	25.32%	2.148%
28	11.949	1419	1423	1432	rVB6	1829	4380	0.40%	0.034%
29	12.131	1445	1454	1460	rVB7	7679	14451	1.33%	0.112%
30	12.384	1496	1497	1506	rVB2	2006	4636	0.43%	0.036%
31	12.519	1516	1520	1526	rBV4	4813	8345	0.77%	0.065%
32	12.648	1538	1542	1549	rVB3	3478	6518	0.60%	0.051%
33	12.725	1549	1555	1561	rVB4	3622	8835	0.81%	0.069%
34	12.784	1561	1565	1572	rBV3	3480	7567	0.69%	0.059%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

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-BG080217.M
Title : SVOA CALIBRATION

35	13.013	1597	1604	1609	rBV4	2737	4608	0.42%	0.036%
36	13.448	1674	1678	1687	rBV4	5517	8660	0.79%	0.067%
37	13.536	1690	1693	1698	rVB3	3156	4322	0.40%	0.034%
38	13.594	1698	1703	1709	rVB5	2691	5420	0.50%	0.042%
39	13.735	1723	1727	1734	rVB3	8088	13114	1.20%	0.102%
40	13.882	1747	1752	1757	rVV7	2892	5529	0.51%	0.043%
41	13.976	1764	1768	1770	rBV4	3740	4795	0.44%	0.037%
42	14.129	1785	1794	1799	rBV7	3661	8183	0.75%	0.064%
43	14.264	1811	1817	1821	rBV7	4765	8069	0.74%	0.063%
44	14.341	1821	1830	1834	rBV	343274	528441	48.48%	4.113%
45	14.382	1834	1837	1844	rVB	140087	201615	18.50%	1.569%
46	14.511	1854	1859	1862	rVB3	3407	5381	0.49%	0.042%
47	14.646	1875	1882	1899	rVB	360866	585141	53.69%	4.554%
48	14.799	1899	1908	1915	rBV2	14727	22119	2.03%	0.172%
49	14.952	1925	1934	1943	rVV2	337801	576781	52.92%	4.489%
50	15.157	1963	1969	1978	rBV2	63072	144096	13.22%	1.121%
51	15.298	1990	1993	1997	rVB4	3019	4535	0.42%	0.035%
52	15.351	1997	2002	2008	rVB9	12375	23933	2.20%	0.186%
53	15.416	2008	2013	2021	rBV7	8454	13991	1.28%	0.109%
54	15.480	2021	2024	2031	rVB6	4540	6946	0.64%	0.054%
55	15.557	2032	2037	2042	rBV5	3576	6332	0.58%	0.049%
56	15.710	2055	2063	2065	rBV5	5455	8950	0.82%	0.070%
57	15.745	2065	2069	2076	rVB3	25388	38055	3.49%	0.296%
58	15.939	2092	2102	2109	rBV	493150	757778	69.52%	5.897%
59	16.062	2117	2123	2131	rBV2	94778	156468	14.36%	1.218%
60	16.156	2133	2139	2150	rVB7	10916	31912	2.93%	0.248%
61	16.262	2151	2157	2159	rBV5	2926	4980	0.46%	0.039%
62	16.297	2159	2163	2167	rBV7	3603	5135	0.47%	0.040%
63	16.438	2183	2187	2194	rBV7	6238	9109	0.84%	0.071%
64	16.614	2211	2217	2225	rBV2	28010	69512	6.38%	0.541%
65	16.744	2233	2239	2243	rBV9	3248	6204	0.57%	0.048%
66	16.802	2243	2249	2252	rVV8	5374	8322	0.76%	0.065%
67	16.879	2259	2262	2267	rVB5	4130	6349	0.58%	0.049%
68	16.955	2271	2275	2278	rBV4	6770	9562	0.88%	0.074%
69	16.996	2279	2282	2289	rVV7	5037	10010	0.92%	0.078%
70	17.055	2289	2292	2297	rVV7	4204	7270	0.67%	0.057%
71	17.214	2317	2319	2325	rBV7	4921	8933	0.82%	0.070%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

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-BG080217.M
Title : SVOA CALIBRATION

72	17.361	2339	2344	2347	rBV6	6267	8090	0.74%	0.063%
73	17.402	2348	2351	2356	rBV	20350	28568	2.62%	0.222%
74	17.460	2358	2361	2365	rVB5	9087	11623	1.07%	0.090%
75	17.701	2394	2402	2407	rBV	434792	682032	62.58%	5.308%
76	17.743	2407	2409	2413	rVV	55174	73512	6.74%	0.572%
77	17.801	2413	2419	2428	rVB	524882	811260	74.43%	6.314%
78	17.872	2429	2431	2438	rVB6	7810	12416	1.14%	0.097%
79	18.148	2475	2478	2484	rVB3	20676	25195	2.31%	0.196%
80	18.277	2498	2500	2504	rBV5	5206	7106	0.65%	0.055%
81	18.324	2505	2508	2514	rVB7	11119	18956	1.74%	0.148%
82	18.547	2541	2546	2555	rBV5	56353	123745	11.35%	0.963%
83	18.624	2555	2559	2567	rVB2	22073	41278	3.79%	0.321%
84	18.759	2577	2582	2590	rBV8	16135	40816	3.74%	0.318%
85	19.059	2630	2633	2637	rBV6	8707	14563	1.34%	0.113%
86	19.117	2639	2643	2647	rVB6	19060	26577	2.44%	0.207%
87	19.288	2668	2672	2678	rBV8	8961	19820	1.82%	0.154%
88	19.399	2687	2691	2692	rBV4	10276	13139	1.21%	0.102%
89	19.452	2697	2700	2702	rBV2	16592	17732	1.63%	0.138%
90	19.740	2741	2749	2754	rBV	96280	158580	14.55%	1.234%
91	19.946	2779	2784	2791	rBV	178284	223502	20.51%	1.739%
92	20.075	2800	2806	2818	rBV3	644279	1089939	100.00%	8.483%
93	20.281	2837	2841	2846	rBV2	51750	62229	5.71%	0.484%
94	20.992	2959	2962	2966	rBV	75369	78989	7.25%	0.615%
95	21.591	3061	3064	3077	rVB6	58287	137944	12.66%	1.074%
96	22.032	3132	3139	3145	rBV	433257	857512	78.68%	6.674%
97	22.178	3161	3164	3173	rVB3	46337	74117	6.80%	0.577%
98	23.577	3399	3402	3413	rVB4	72963	135538	12.44%	1.055%
99	25.304	3688	3696	3705	rBV2	289265	832514	76.38%	6.479%
100	25.551	3731	3738	3747	rVB	263236	772205	70.85%	6.010%

Sum of corrected areas: 12849224

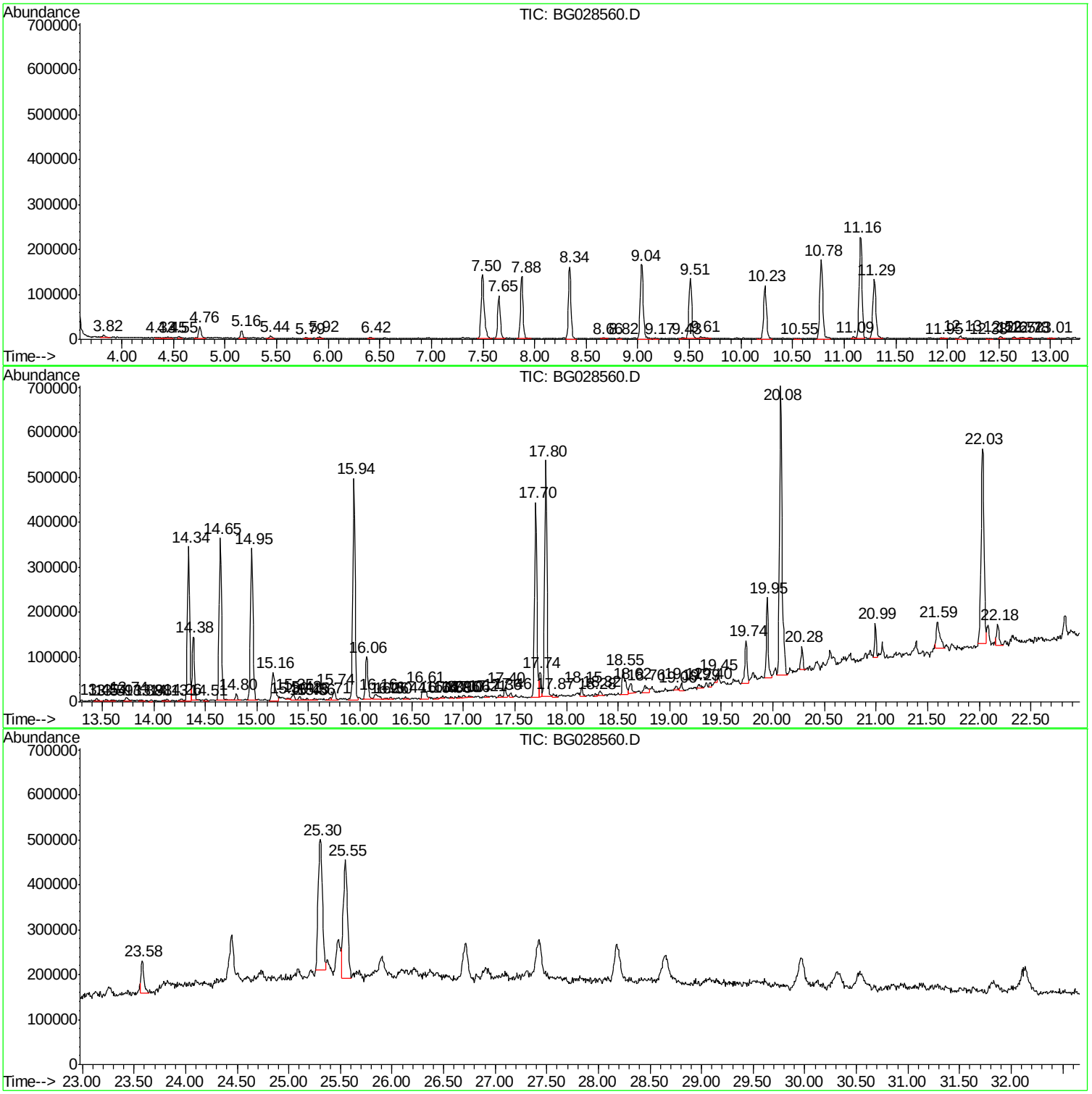
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

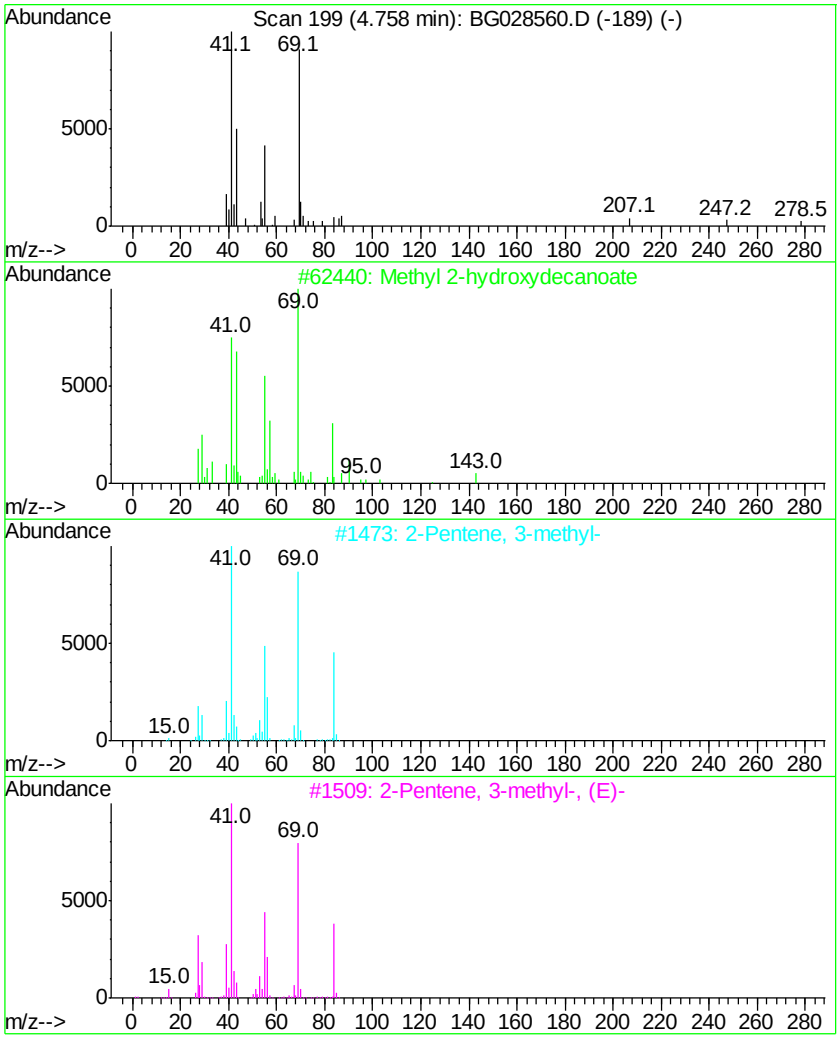
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

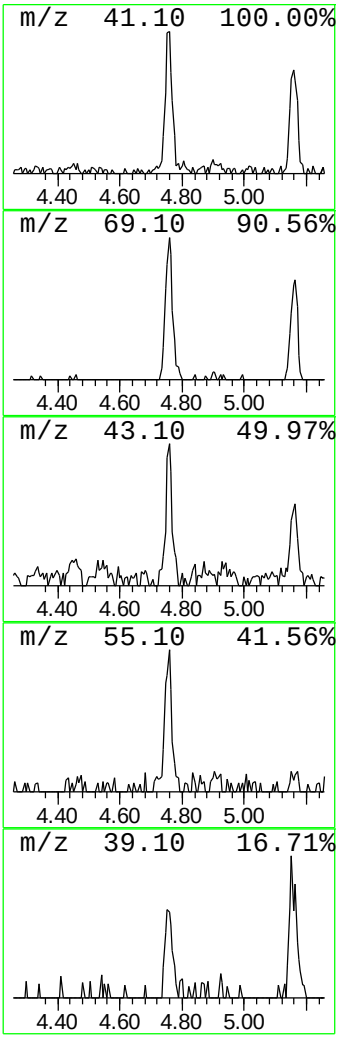
****

Peak Number 1 Methyl 2-hydroxydecanoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	3.22 ng/ul	46287	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-hydroxydecanoate	202	C11H22O3	071271-24-4	50
2	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	40
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	40
4	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	38
5	(E)-2-Butenoic acid propyl ester	128	C7H12O2	010352-87-1	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

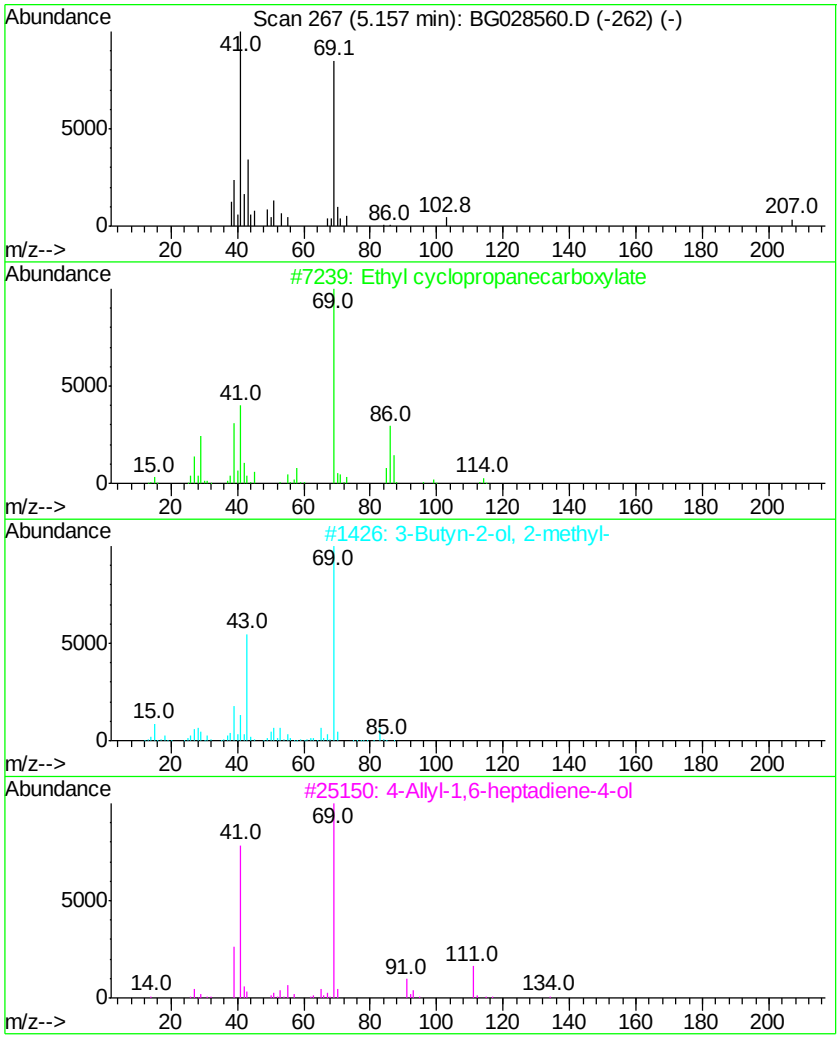
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

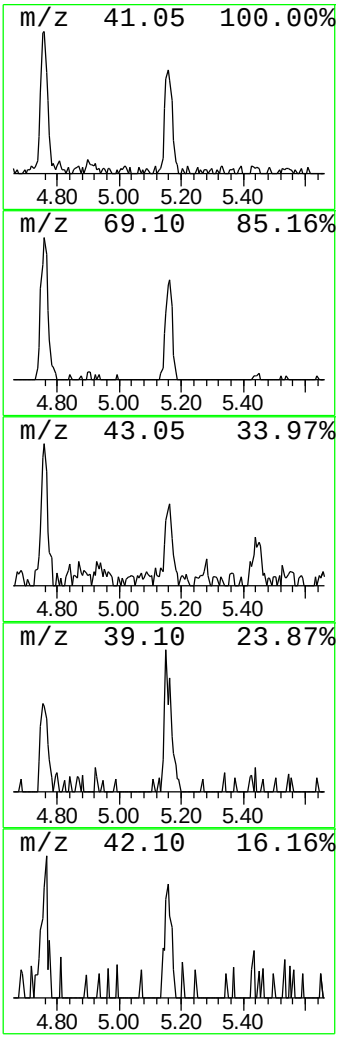
****

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	2.17 ng/ul	31242	1,4-Dichlorobenzene-d4	8.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	40
2	3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	38
3	4-Allyl-1,6-heptadiene-4-ol	152	C10H16O	010202-75-2	38
4	9bH-1,3,4,6,7,9,9b-Heptaazaphena...	221	C6H3N7O3	1000293-92-9	33
5	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	33





Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

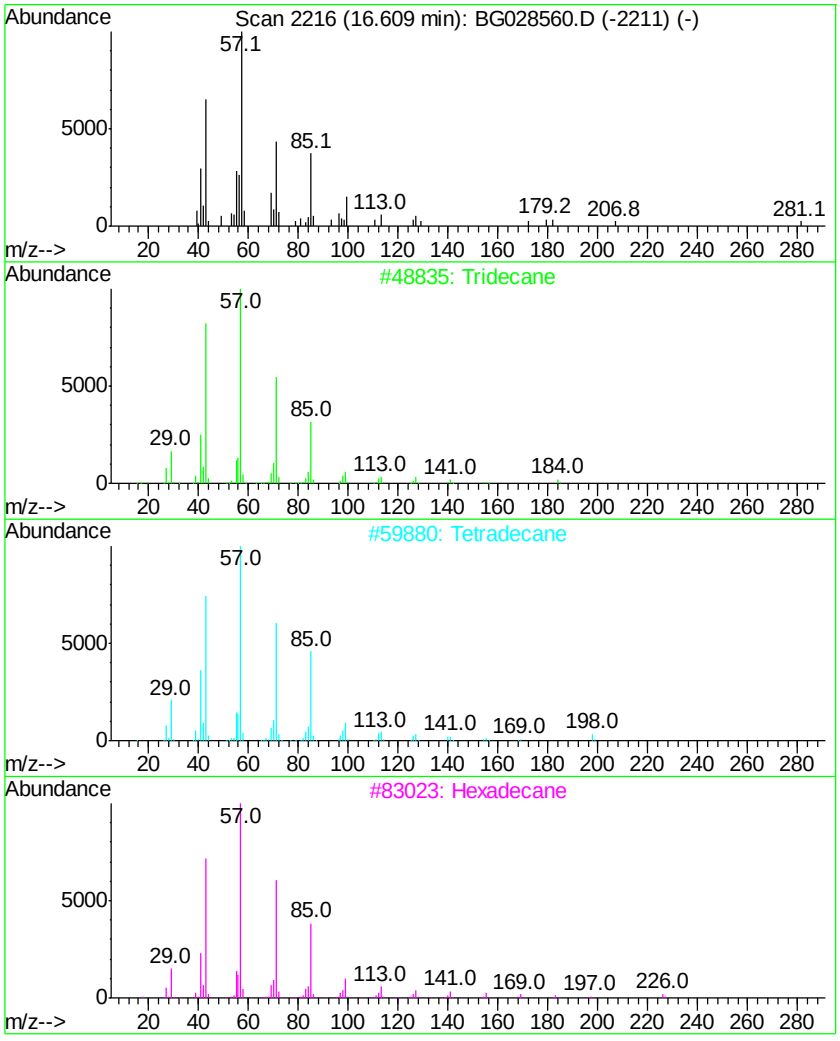
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

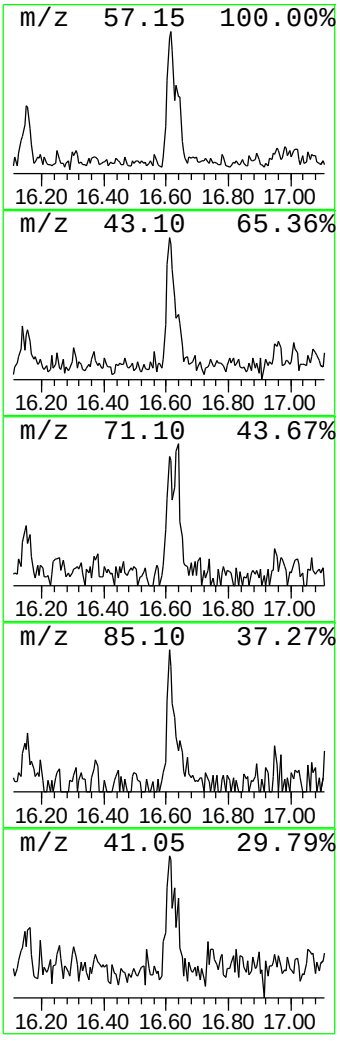
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.04 ng/ul	69512	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	59
2	Tetradecane	198	C14H30	000629-59-4	59
3	Hexadecane	226	C16H34	000544-76-3	59
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
5	Heptacosane	380	C27H56	000593-49-7	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

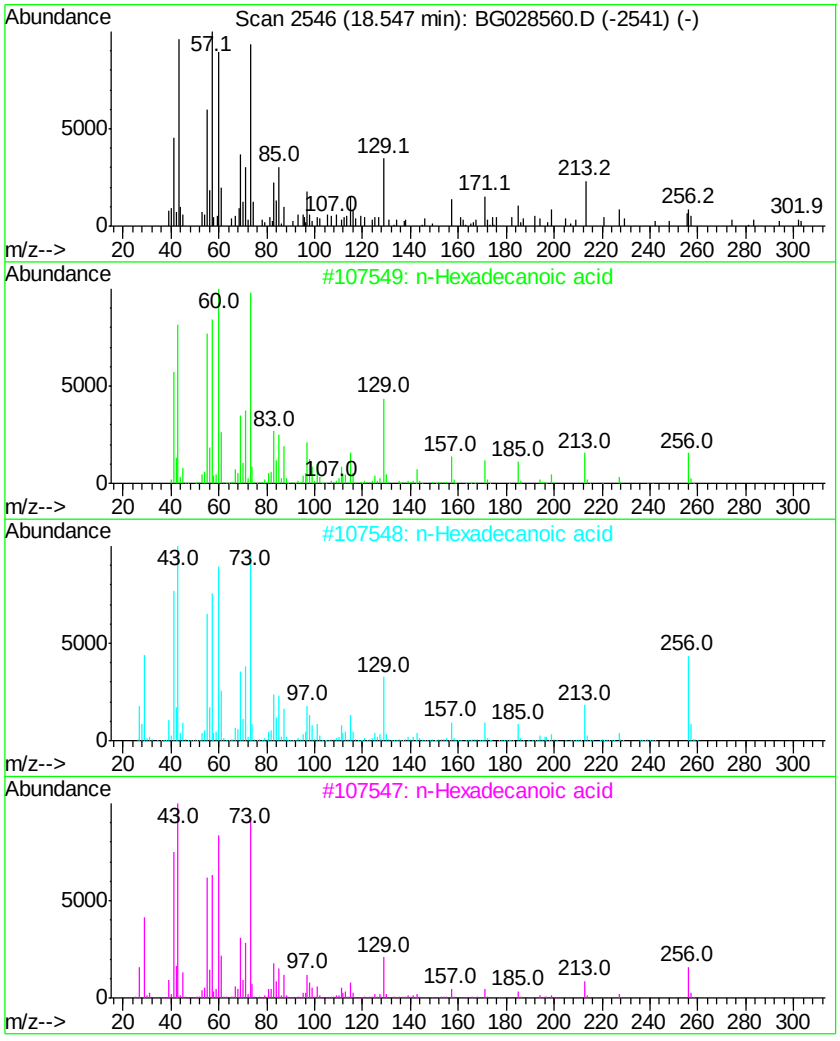
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

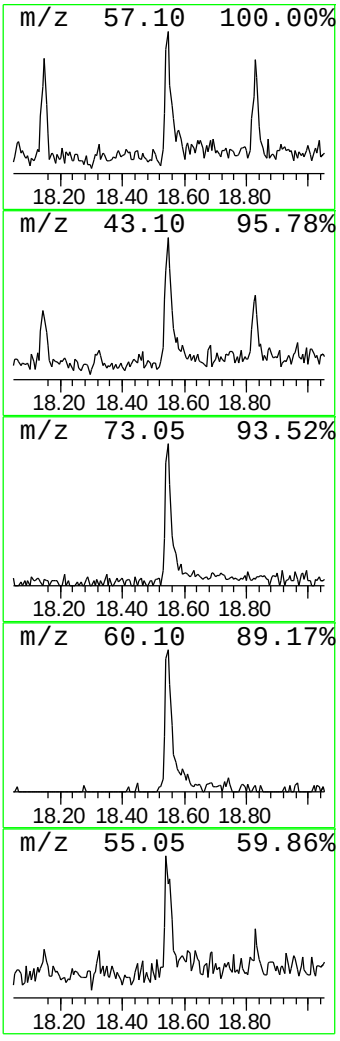
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	3.63 ng/ul	123745	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

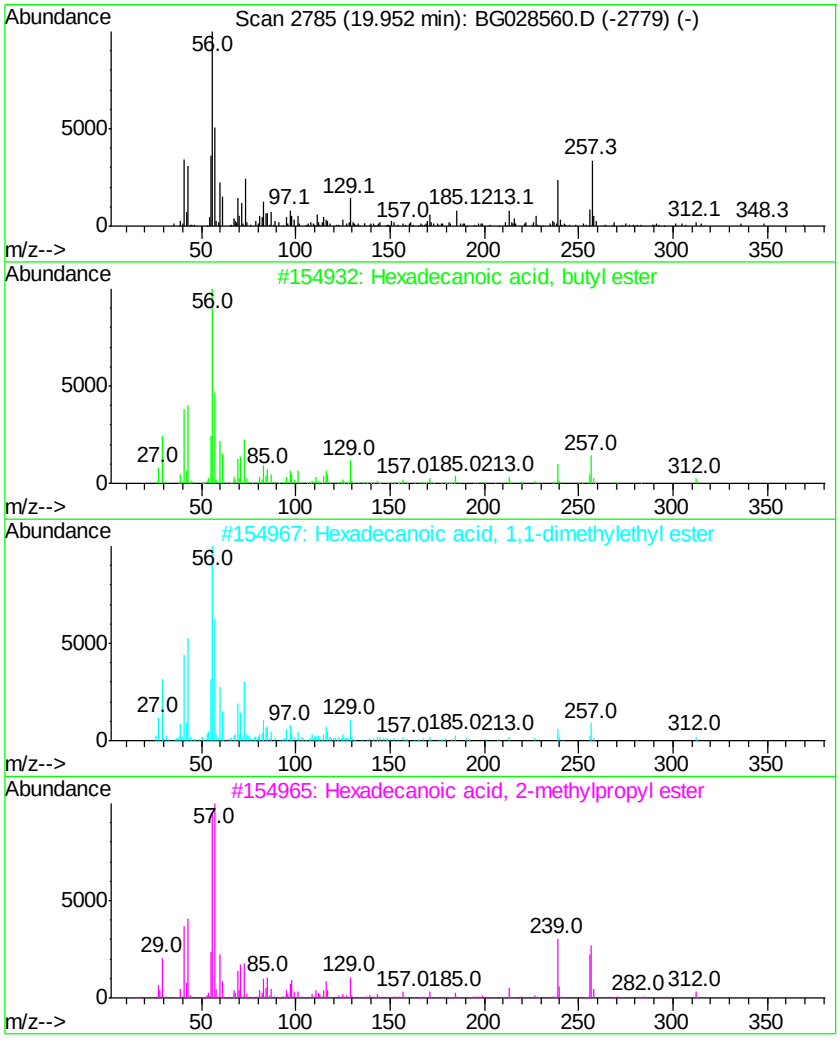
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

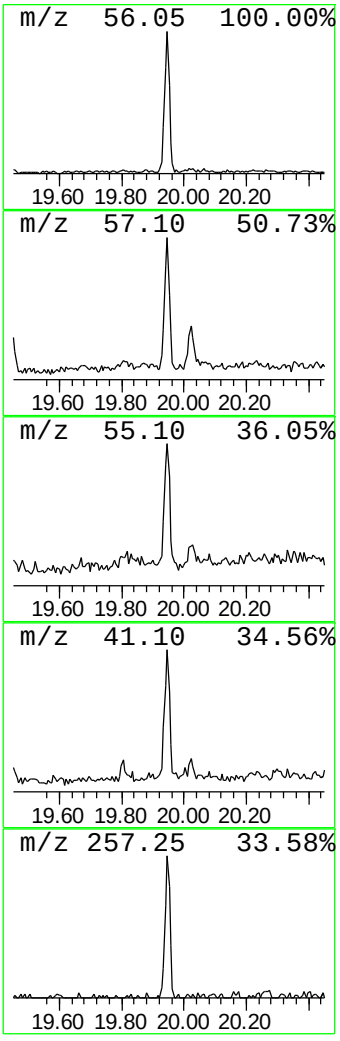
****

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	5.21 ng/ul	223502	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	86
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	64
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	52
5	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

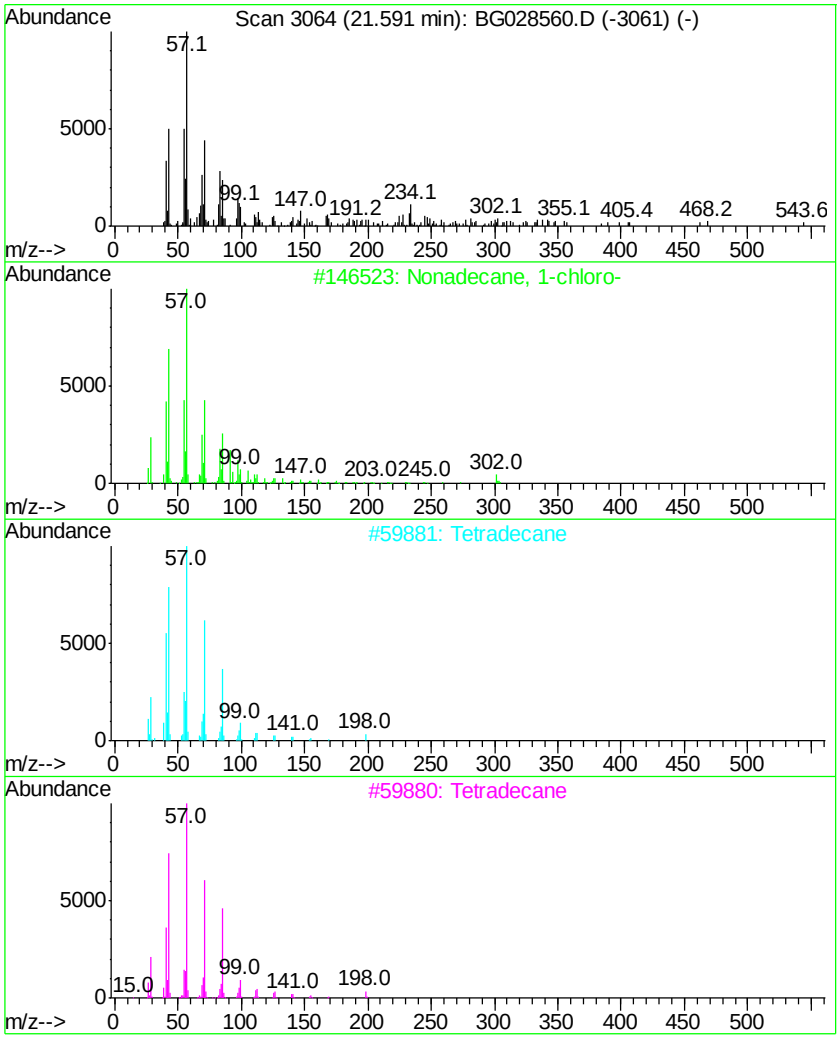
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

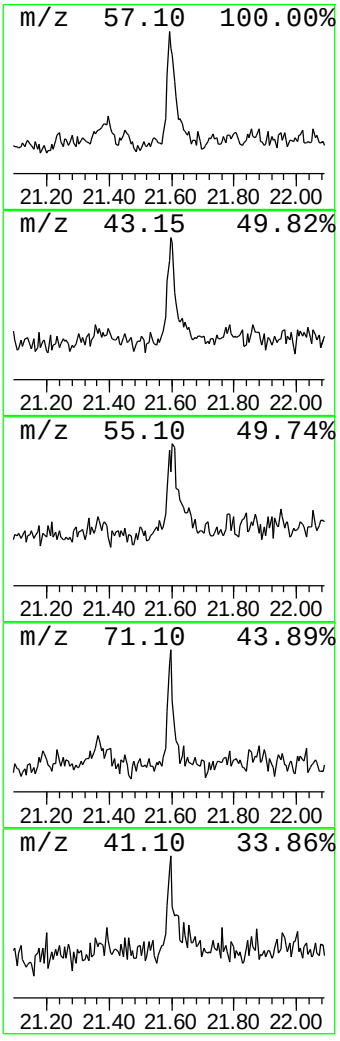
****

Peak Number 6 Nonadecane, 1-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	3.22 ng/ul	137944	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	92
2	Tetradecane	198	C14H30	000629-59-4	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	Nonadecane, 2,6,10,14,18-pentame...	338	C24H50	055191-61-2	58
5	Eicosane	282	C20H42	000112-95-8	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

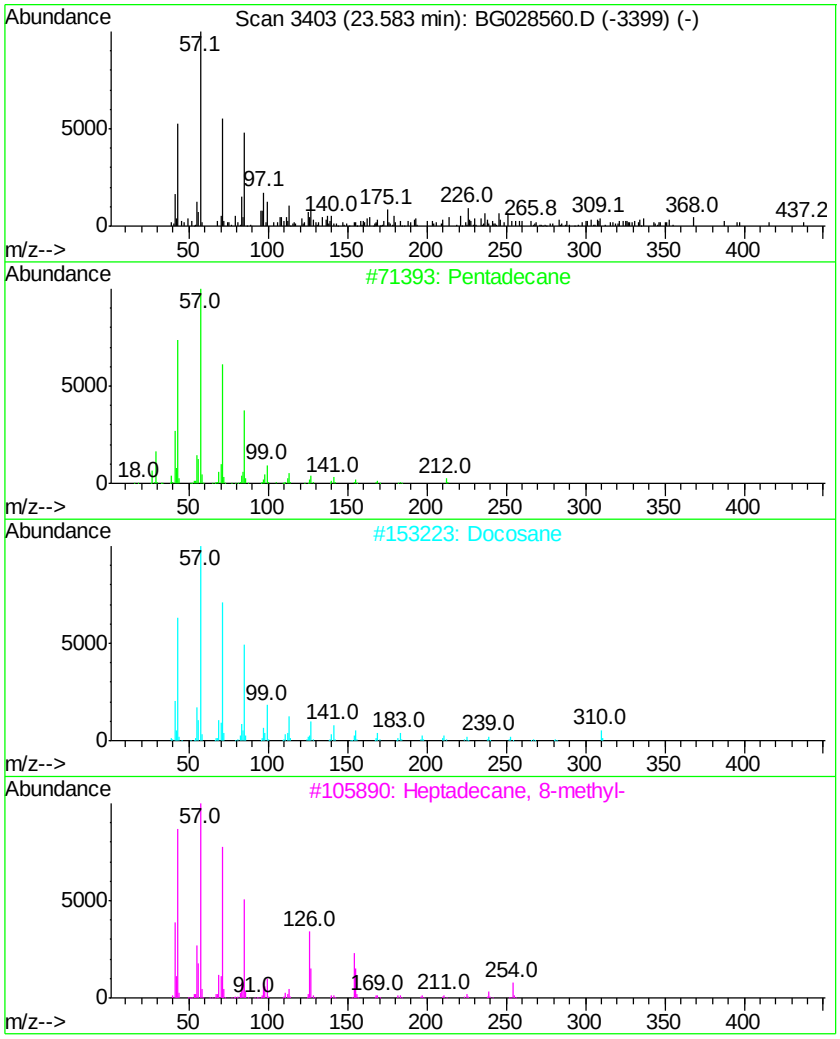
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

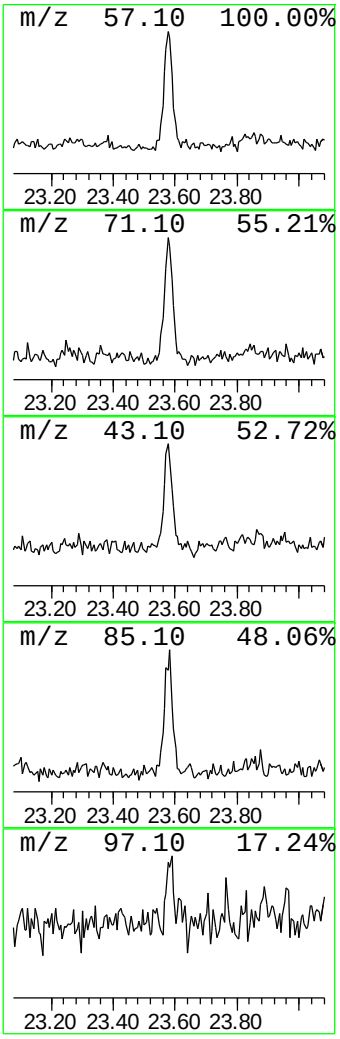
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	3.16 ng/ul	135538	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	64
2	Docosane	310	C22H46	000629-97-0	64
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
4	Hexadecane	226	C16H34	000544-76-3	58
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
Methyl 2-hydroxyd...	4.76	3.2	ng/ul	46287	1	8.34	287475	20.0
unknown-01	5.16	2.2	ng/ul	31242	1	8.34	287475	20.0
(DEL) Alkane: Str...	16.61	2.0	ng/ul	69512	4	17.70	682032	20.0
n-Hexadecanoic acid	18.55	3.6	ng/ul	123745	4	17.70	682032	20.0
Hexadecanoic acid...	19.95	5.2	ng/ul	223502	5	22.03	857512	20.0
Nonadecane, 1-chl...	21.59	3.2	ng/ul	137944	5	22.03	857512	20.0
(DEL) Alkane: Str...	23.58	3.2	ng/ul	135538	5	22.03	857512	20.0