LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018137.D
Acq On : 28 Jul 2015 5:32
Operator : TP/UM
Sample : G3030-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01M9

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-BG072315.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	6.692	676	681	690	rVB	65558	105012	2.04%	0.583%
2	6.850	703	708	714	rVB	49964	73364	1.43%	0.407%
3	7.038	735	740	747	rVB	69888	109217	2.13%	0.606%
4	7.508	814	820	828	rBV	123599	188525	3.67%	1.046%
5	8.225	936	942	948	rBV	82430	127260	2.48%	0.706%
6	8.660	1010	1016	1022	rVB	62748	99625	1.94%	0.553%
7	9.377	1133	1138	1146	rBV	51090	84342	1.64%	0.468%
8	9.677	1184	1189	1194	rBV5	5829	12147	0.24%	0.067%
9	9.917	1224	1230	1237	rBV	89811	143304	2.79%	0.795%
10	10.288	1286	1293	1301	rBV	185464	299168	5.82%	1.660%
11	10.434	1311	1318	1326	rVB	47593	77882	1.52%	0.432%
12	11.134	1431	1437	1445	rBV6	3201	6763	0.13%	0.038%
13	12.479	1662	1666	1670	rBV3	5935	10791	0.21%	0.060%
14	12.514	1670	1672	1678	rVB5	4311	6957	0.14%	0.039%
15	12.626	1686	1691	1697	rVB	3909	5525	0.11%	0.031%
16	12.779	1712	1717	1722	rBV4	5668	7980	0.16%	0.044%
17	13.595	1850	1856	1860	rBV	171998	228124	4.44%	1.266%
18	13.642	1860	1864	1872	rVB	97042	129233	2.51%	0.717%
19	13.866	1896	1902	1910	rVB	166133	237525	4.62%	1.318%
20	14.095	1935	1941	1949	rBV	35123	46397	0.90%	0.257%
21	14.177	1949	1955	1962	rVV2	290145	435817	8.48%	2.418%
22	14.242	1962	1966	1970	rVB2	5505	7504	0.15%	0.042%
23	14.400	1988	1993	1998	rBV	39497	55751	1.08%	0.309%
24	14.541	2014	2017	2021	rBV4	4047	5345	0.10%	0.030%
25	14.635	2028	2033	2044	rBV2	24148	42680	0.83%	0.237%
26	15.058	2101	2105	2109	rVB2	7090	9687	0.19%	0.054%
27	15.176	2120	2125	2131	rBV	214061	296316	5.77%	1.644%
28	15.235	2131	2135	2141	rVB2	4688	6479	0.13%	0.036%
29	15.305	2143	2147	2160	rBV	24853	39541	0.77%	0.219%
30	15.922	2248	2252	2261	rVB2	17637	29252	0.57%	0.162%
31	16.263	2306	2310	2318	rVV9	5153	12614	0.25%	0.070%
32	16.369	2323	2328	2337	rBV	71409	112714	2.19%	0.625%
33	16.715	2384	2387	2391	rVV3	13840	16691	0.32%	0.093%
34	16.756	2391	2394	2400	rVV6	5222	11531	0.22%	0.064%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018137.D
Acq On : 28 Jul 2015 5:32
Operator : TP/UM
Sample : G3030-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01M9

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-BG072315.M
Title : SVOA CALIBRATION

35	16.933	2418	2424	2429	rBV2	376068	533288	10.38%	2.959%
36	16.974	2429	2431	2436	rVV	47891	58549	1.14%	0.325%
37	17.033	2436	2441	2454	rVB	232785	332272	6.47%	1.843%
38	17.456	2509	2513	2516	rBV3	8614	10875	0.21%	0.060%
39	17.632	2538	2543	2546	rVB7	4954	6951	0.14%	0.039%
40	17.767	2555	2566	2572	rBV4	68649	196696	3.83%	1.091%
41	17.890	2577	2587	2603	rBV	1729868	3459932	67.32%	19.195%
42	17.996	2603	2605	2610	rVB4	22556	36966	0.72%	0.205%
43	18.325	2658	2661	2664	rVB4	10150	10836	0.21%	0.060%
44	18.360	2664	2667	2673	rVB8	6013	11728	0.23%	0.065%
45	18.742	2728	2732	2736	rBV6	8870	14267	0.28%	0.079%
46	18.878	2753	2755	2757	rBV3	5769	6203	0.12%	0.034%
47	18.913	2758	2761	2765	rVB4	19723	25398	0.49%	0.141%
48	18.966	2765	2770	2771	rBV5	11409	16886	0.33%	0.094%
49	19.030	2772	2781	2783	rBV2	1223448	2436495	47.41%	13.517%
50	19.066	2783	2787	2801	rVV	2245990	5139333	100.00%	28.513%
51	19.165	2801	2804	2825	rVB2	277474	578191	11.25%	3.208%
52	19.342	2829	2834	2838	rBV	252036	363720	7.08%	2.018%
53	20.153	2969	2972	2978	rBV5	22918	39742	0.77%	0.220%
54	20.247	2985	2988	2994	rBV2	52609	81125	1.58%	0.450%
55	21.140	3134	3140	3144	rBV	476600	679350	13.22%	3.769%
56	23.190	3484	3489	3494	rBV	165069	280494	5.46%	1.556%
57	23.331	3506	3513	3520	rBV2	327350	624408	12.15%	3.464%

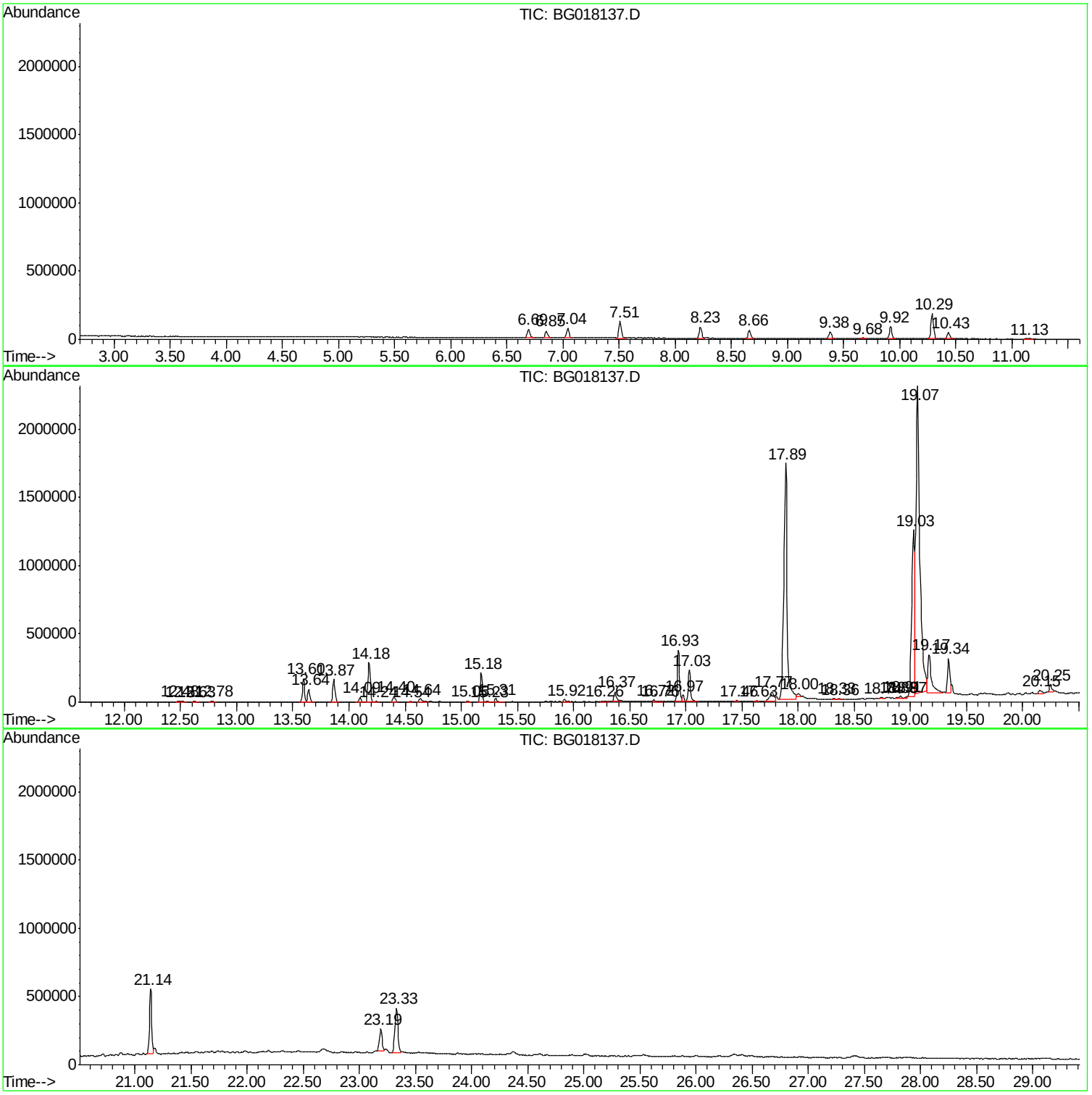
Sum of corrected areas: 18024768

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018137.D
Acq On : 28 Jul 2015 5:32
Operator : TP/UM
Sample : G3030-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018137.D
Acq On : 28 Jul 2015 5:32
Operator : TP/UM
Sample : G3030-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01M9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

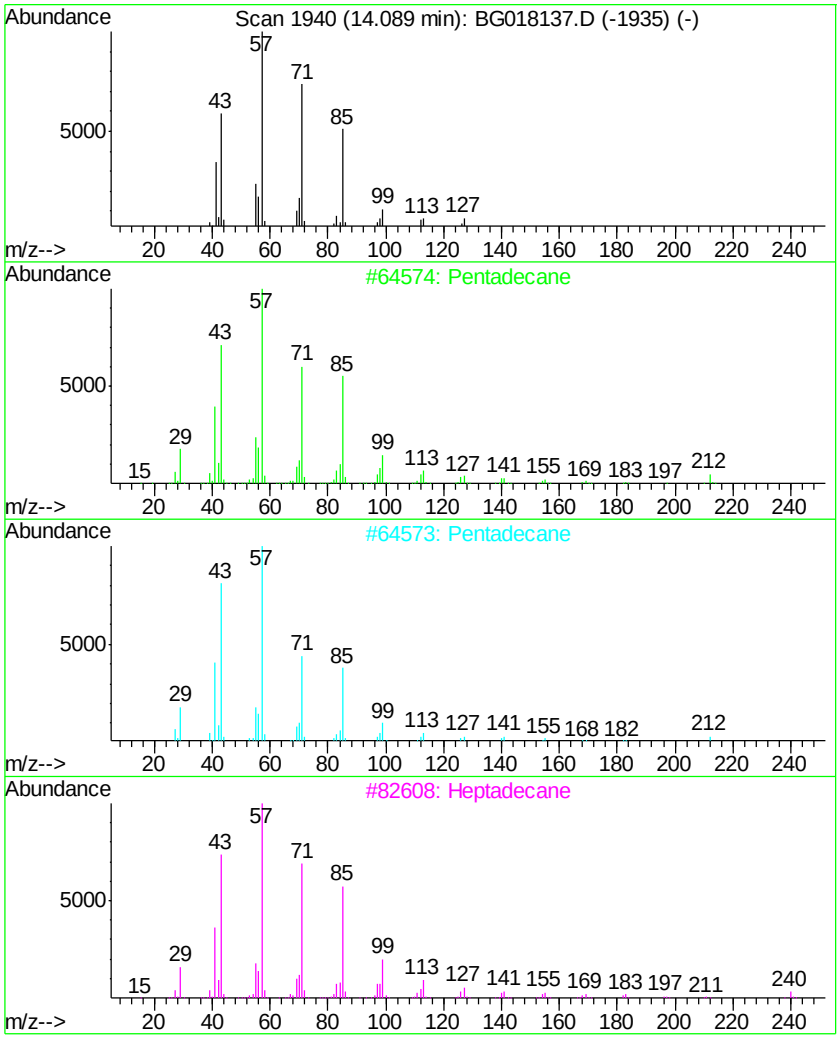
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

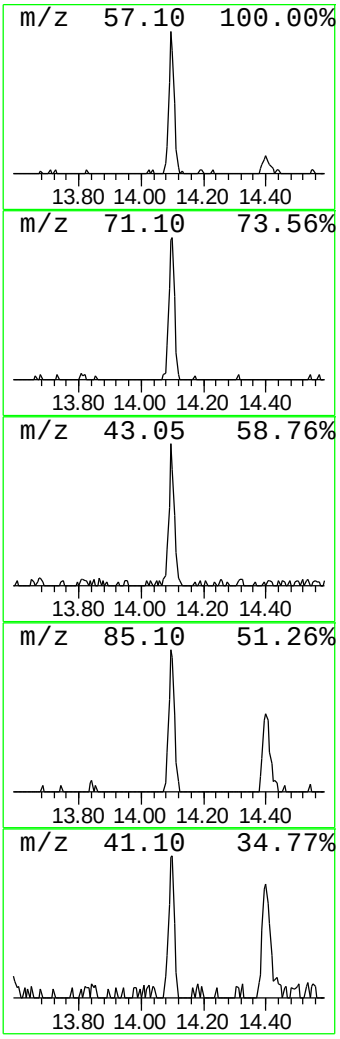
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	2.13 ng/ul	46397	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Pentadecane	212	C15H32	000629-62-9	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018137.D
Acq On : 28 Jul 2015 5:32
Operator : TP/UM
Sample : G3030-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01M9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

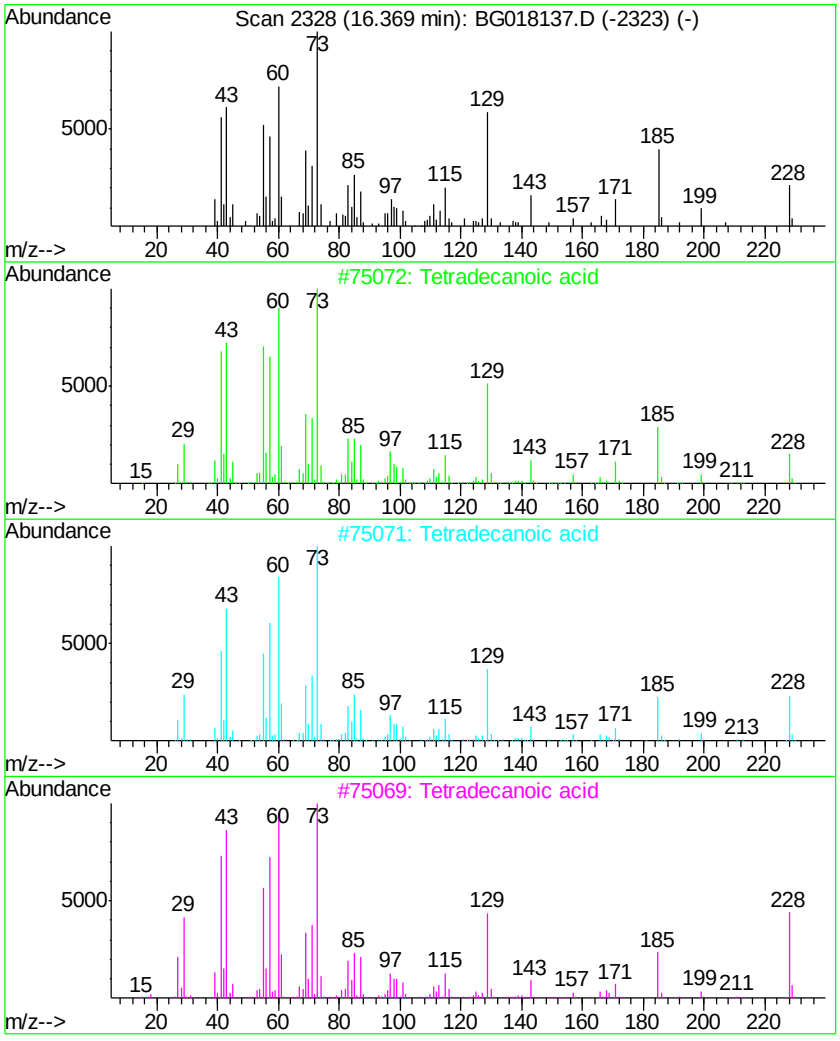
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

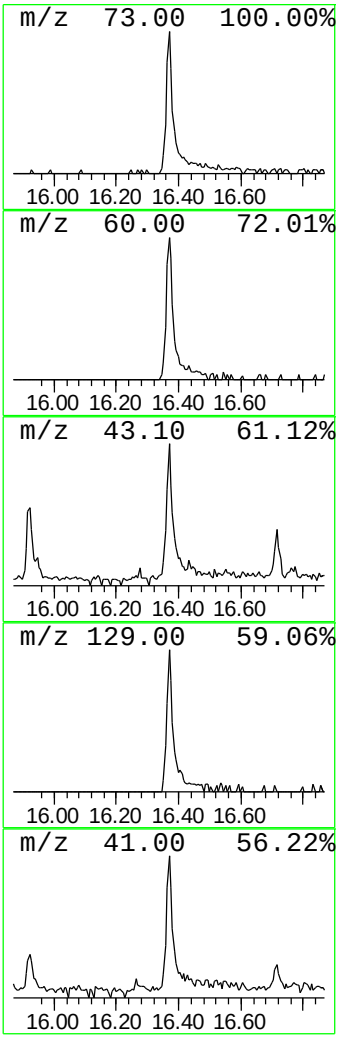
****

Peak Number 2 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	4.23 ng/ul	112714	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	Undecanoic acid	186	C11H22O2	000112-37-8	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018137.D
Acq On : 28 Jul 2015 5:32
Operator : TP/UM
Sample : G3030-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01M9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

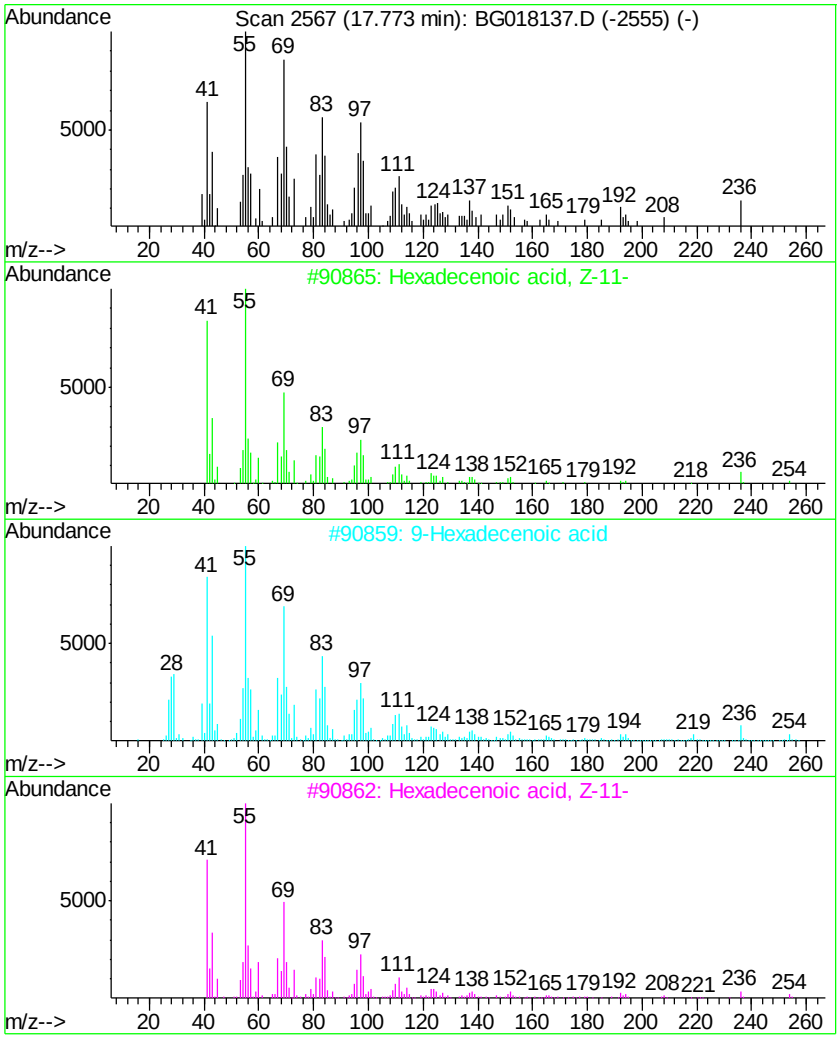
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

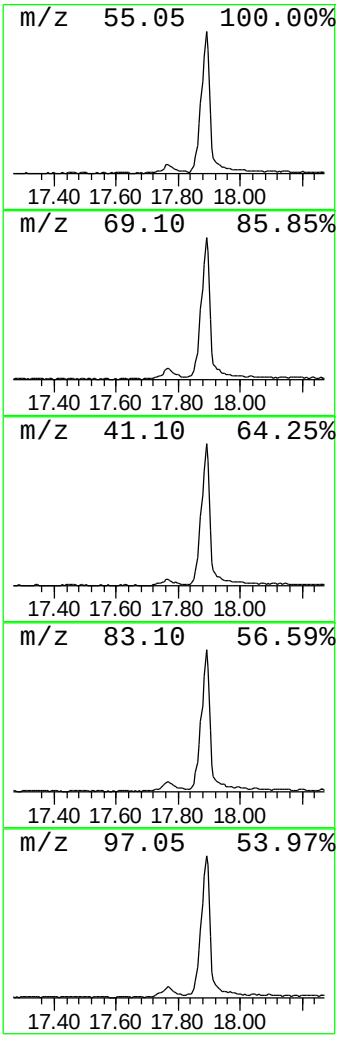
****

Peak Number 3 Hexadecenoic acid, Z-11- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	7.38 ng/ul	196696	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	99
2	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	96
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	87
4	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	78
5	Myristoleic acid	226	C14H26O2	000544-64-9	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018137.D
Acq On : 28 Jul 2015 5:32
Operator : TP/UM
Sample : G3030-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01M9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

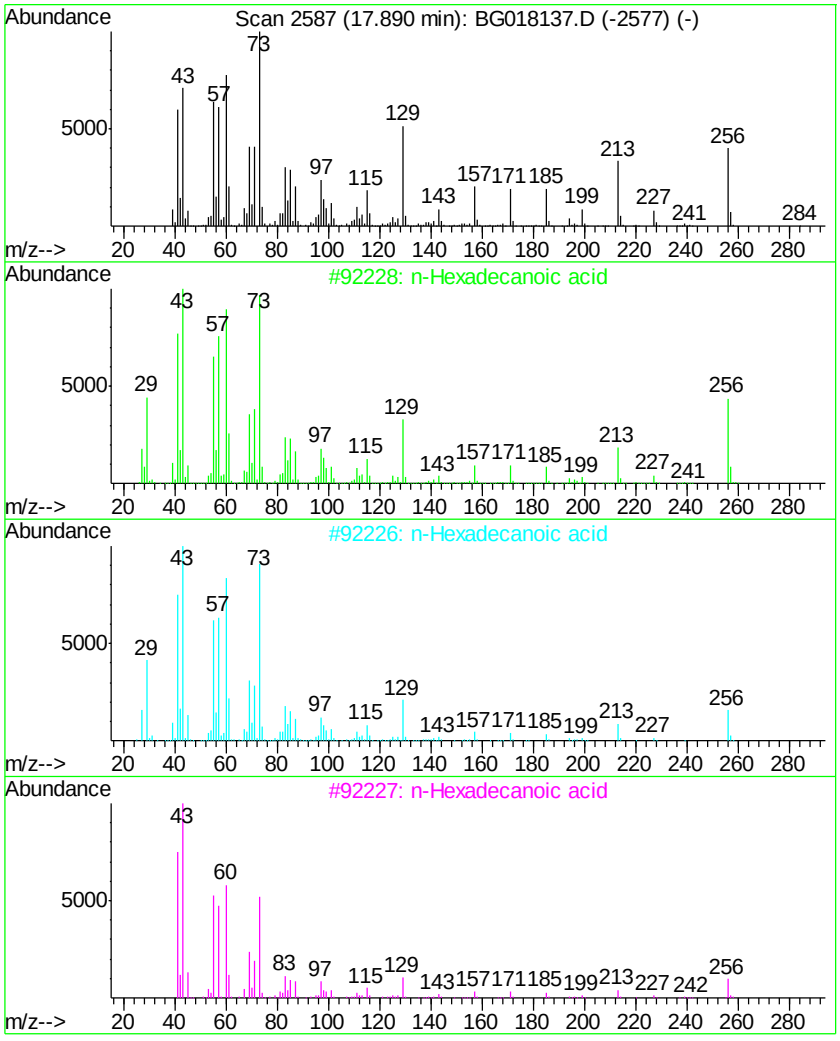
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

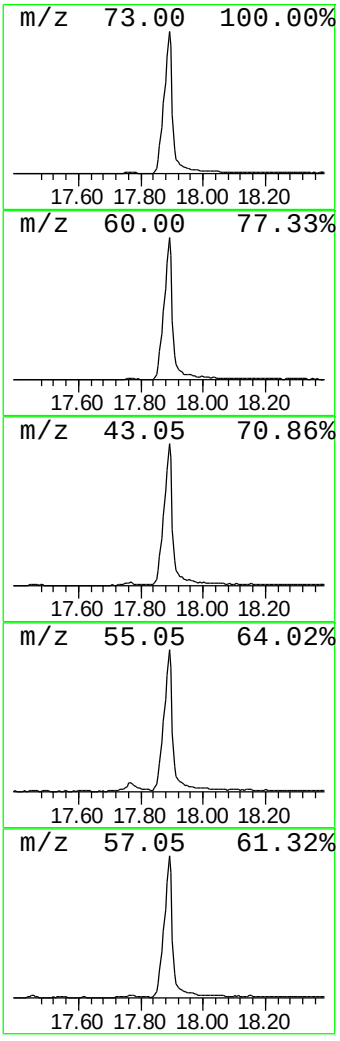
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	129.76 ng/ul	3459930	Phenanthrene-d10	16.93

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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018137.D
Acq On : 28 Jul 2015 5:32
Operator : TP/UM
Sample : G3030-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01M9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

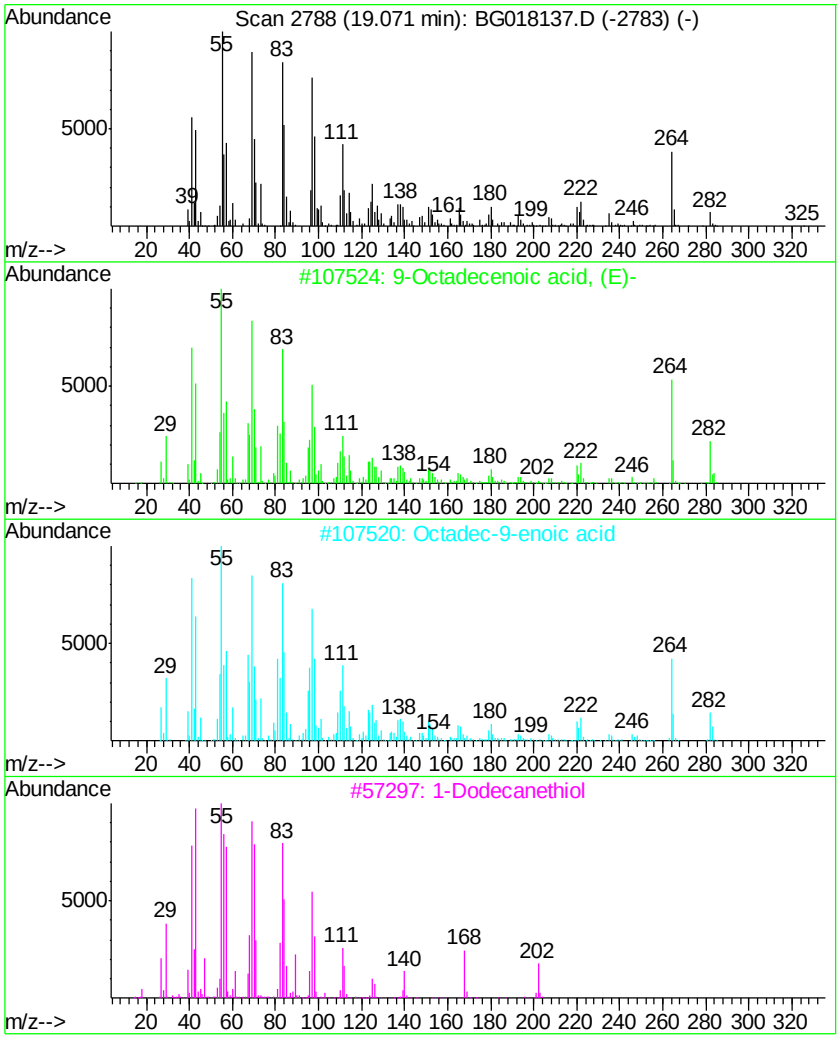
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

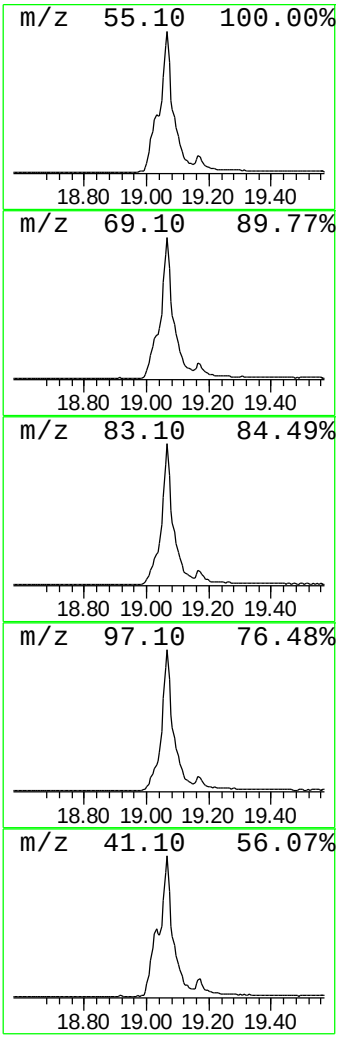
****

Peak Number 5 9-Octadecenoic acid, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	151.30 ng/ul	5139330	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	94
2	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	83
3	1-Dodecanethiol	202	C12H26S	000112-55-0	72
4	Oleic Acid	282	C18H34O2	000112-80-1	70
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018137.D
Acq On : 28 Jul 2015 5:32
Operator : TP/UM
Sample : G3030-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01M9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

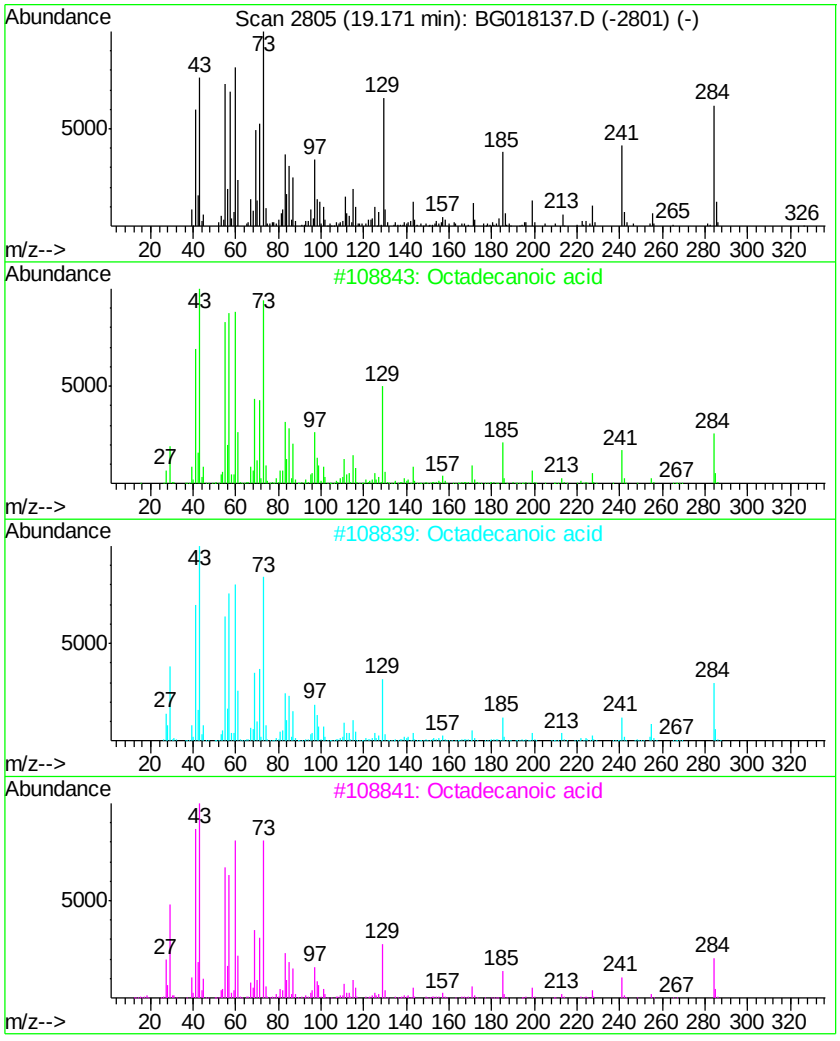
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

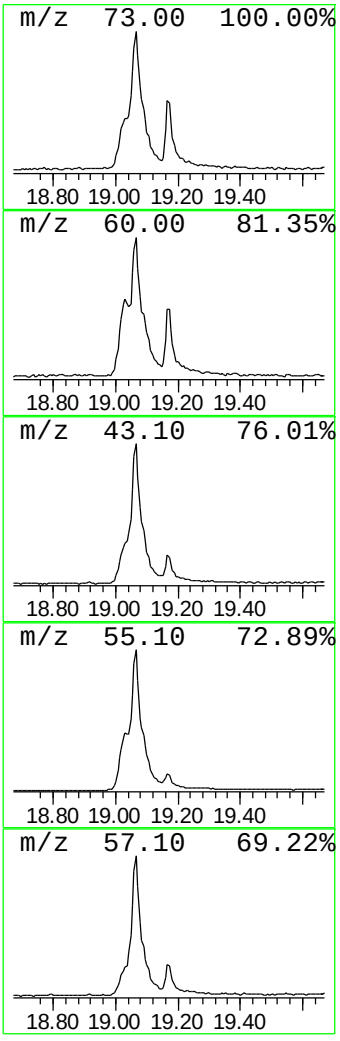
****

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	17.02 ng/ul	578191	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018137.D
Acq On : 28 Jul 2015 5:32
Operator : TP/UM
Sample : G3030-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01M9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

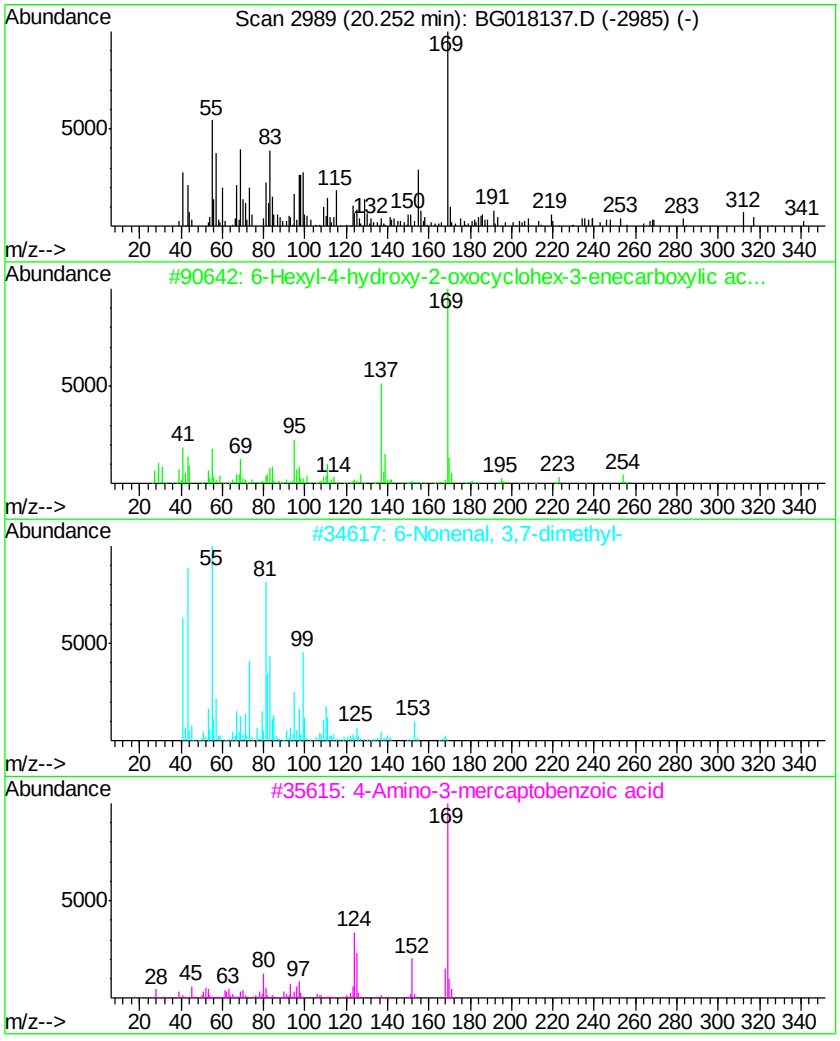
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

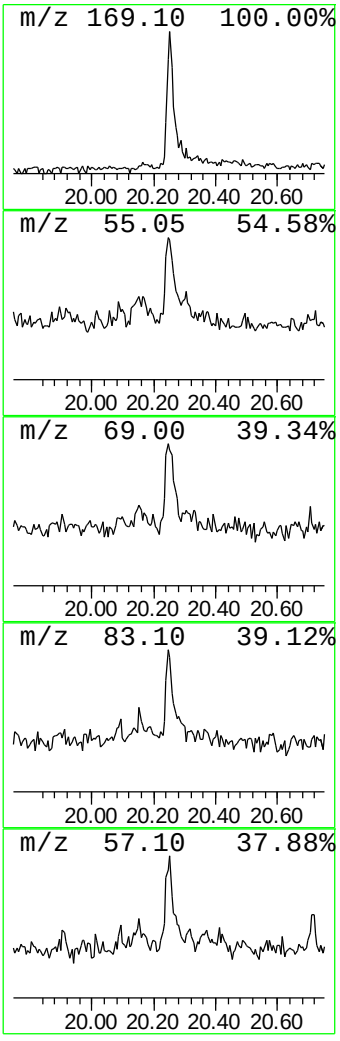
****

Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	2.39 ng/ul	81125	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Hexyl-4-hydroxy-2-oxocyclohex-...	254	C14H22O4	094103-00-1	38
2	6-Nonenal, 3,7-dimethyl-	168	C11H20O	1000132-43-9	27
3	4-Amino-3-mercaptobenzoic acid	169	C7H7NO2S	014543-45-4	25
4	4-Pyridinol, 2,6-dimethyl-3-[met...	169	C8H11NOS	1000251-72-8	25
5	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018137.D
Acq On : 28 Jul 2015 5:32
Operator : TP/UM
Sample : G3030-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C01M9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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: Str...	14.09	2.1	ng/ul	46397	3	14.18	435817	20.0
Tetradecanoic acid	16.37	4.2	ng/ul	112714	4	16.93	533288	20.0
Hexadecenoic acid...	17.77	7.4	ng/ul	196696	4	16.93	533288	20.0
n-Hexadecanoic acid	17.89	129.8	ng/ul	3459930	4	16.93	533288	20.0
9-Octadecenoic ac...	19.07	151.3	ng/ul	5139330	5	21.14	679350	20.0
Octadecanoic acid	19.17	17.0	ng/ul	578191	5	21.14	679350	20.0
unknown-01	20.25	2.4	ng/ul	81125	5	21.14	679350	20.0