LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018123.D
Acq On : 13 Dec 2018 10:07
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y26

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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	3.152	25	28	37	rVB2	18432	26596	0.95%	0.083%
2	3.434	73	76	79	rBV2	5187	6221	0.22%	0.020%
3	3.546	93	95	101	rVB5	7086	7899	0.28%	0.025%
4	3.640	107	111	119	rVB	46250	63379	2.27%	0.199%
5	3.752	124	130	137	rVB2	22954	41516	1.49%	0.130%
6	3.840	142	145	148	rVB4	5853	6025	0.22%	0.019%
7	3.946	158	163	169	rBV4	18413	31362	1.13%	0.098%
8	4.158	196	199	202	rVV5	5427	5809	0.21%	0.018%
9	4.199	204	206	209	rVB3	5260	5296	0.19%	0.017%
10	4.375	232	236	240	rBV3	10437	14936	0.54%	0.047%
11	4.734	289	297	304	rBV2	132306	233352	8.37%	0.733%
12	4.828	308	313	319	rVV3	11404	18049	0.65%	0.057%
13	5.105	354	360	367	rBV6	3355	9030	0.32%	0.028%
14	5.228	377	381	388	rBV5	5759	12613	0.45%	0.040%
15	5.587	439	442	446	rVB4	9068	12090	0.43%	0.038%
16	5.793	475	477	482	rVB3	2811	4243	0.15%	0.013%
17	5.975	503	508	514	rVB3	20313	29478	1.06%	0.093%
18	6.110	527	531	534	rVB5	2544	4428	0.16%	0.014%
19	6.228	547	551	555	rVB3	3212	4374	0.16%	0.014%
20	6.599	609	614	616	rBV3	4527	6641	0.24%	0.021%
21	6.746	630	639	653	rBV2	455784	993201	35.64%	3.118%
22	6.899	659	665	678	rVB	349702	547293	19.64%	1.718%
23	7.087	690	697	706	rBV	502696	828118	29.71%	2.600%
24	7.152	706	708	713	rVV5	9030	15387	0.55%	0.048%
25	7.187	713	714	717	rVV2	6091	5672	0.20%	0.018%
26	7.252	721	725	730	rVB5	3519	6491	0.23%	0.020%
27	7.546	768	775	783	rBV	600034	960441	34.46%	3.015%
28	8.069	860	864	866	rBV2	3775	4518	0.16%	0.014%
29	8.175	879	882	887	rVB5	4761	6460	0.23%	0.020%
30	8.263	891	897	912	rBV	524615	967575	34.72%	3.038%
31	8.369	912	915	921	rVB3	9787	18769	0.67%	0.059%
32	8.704	964	972	986	rBV	425416	747180	26.81%	2.346%
33	9.075	1028	1035	1040	rBV2	13167	19435	0.70%	0.061%
34	9.216	1055	1059	1067	rBV4	2749	6544	0.23%	0.021%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018123.D
Acq On : 13 Dec 2018 10:07
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y26

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Title : SVOA CALIBRATION

35	9.416	1086	1093	1105	rBV	347614	624793	22.42%	1.961%
36	9.516	1105	1110	1114	rVB3	2240	4506	0.16%	0.014%
37	9.716	1140	1144	1150	rVB6	9378	17746	0.64%	0.056%
38	9.951	1176	1184	1199	rBV	475193	1049693	37.66%	3.295%
39	10.051	1199	1201	1204	rVB	5986	5361	0.19%	0.017%
40	10.310	1234	1245	1252	rBV	860424	1464186	52.54%	4.597%
41	10.357	1252	1253	1260	rVB	24491	29828	1.07%	0.094%
42	10.487	1268	1275	1287	rBV2	61007	179474	6.44%	0.563%
43	11.145	1386	1387	1396	rVB3	3182	6152	0.22%	0.019%
44	11.216	1396	1399	1404	rVB3	2861	4499	0.16%	0.014%
45	11.287	1406	1411	1413	rBV2	2611	4387	0.16%	0.014%
46	11.734	1484	1487	1492	rBV4	7758	11282	0.40%	0.035%
47	11.910	1513	1517	1523	rVB	8765	13323	0.48%	0.042%
48	11.987	1523	1530	1539	rVB	57395	97403	3.49%	0.306%
49	12.210	1559	1568	1572	rBV	22792	42295	1.52%	0.133%
50	12.292	1578	1582	1587	rVB4	2712	4582	0.16%	0.014%
51	12.710	1651	1653	1660	rVV7	2792	5334	0.19%	0.017%
52	12.781	1663	1665	1669	rVB	3861	4323	0.16%	0.014%
53	12.957	1694	1695	1700	rBV3	3257	4694	0.17%	0.015%
54	13.010	1700	1704	1709	rBV5	12788	19724	0.71%	0.062%
55	13.110	1718	1721	1725	rVB3	6766	9640	0.35%	0.030%
56	13.157	1725	1729	1735	rBV5	14414	23997	0.86%	0.075%
57	13.216	1735	1739	1747	rBV3	21399	44159	1.58%	0.139%
58	13.357	1756	1763	1764	rBV3	29441	46717	1.68%	0.147%
59	13.422	1771	1774	1777	rVB4	8975	13239	0.48%	0.042%
60	13.504	1780	1788	1794	rVV5	42585	90192	3.24%	0.283%
61	13.563	1794	1798	1802	rVV2	30091	50233	1.80%	0.158%
62	13.616	1802	1807	1812	rVV	946610	1399431	50.21%	4.393%
63	13.669	1812	1816	1826	rVV	393967	571723	20.51%	1.795%
64	13.745	1826	1829	1830	rVV3	14859	15013	0.54%	0.047%
65	13.781	1833	1835	1841	rVB5	10961	17382	0.62%	0.055%
66	13.828	1841	1843	1846	rBV4	6198	8415	0.30%	0.026%
67	13.886	1846	1853	1863	rBV	1342893	1831686	65.72%	5.750%
68	14.033	1871	1878	1884	rBV2	59385	86571	3.11%	0.272%
69	14.098	1886	1889	1893	rVB3	19246	22359	0.80%	0.070%
70	14.198	1899	1906	1912	rBV2	1147379	1808734	64.90%	5.678%
71	14.257	1912	1916	1919	rVV4	11129	17237	0.62%	0.054%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018123.D
Acq On : 13 Dec 2018 10:07
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y26

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Title : SVOA CALIBRATION

72	14.281	1919	1920	1924	rVB4	10196	11748	0.42%	0.037%
73	14.410	1935	1942	1943	rBV3	23460	33683	1.21%	0.106%
74	14.457	1943	1950	1967	rVV	203842	582613	20.91%	1.829%
75	14.604	1970	1975	1979	rVV5	41049	68829	2.47%	0.216%
76	14.680	1986	1988	1992	rVB3	26191	31859	1.14%	0.100%
77	14.822	2008	2012	2017	rBV6	22077	35298	1.27%	0.111%
78	14.875	2018	2021	2027	rVV5	18477	35201	1.26%	0.111%
79	14.980	2037	2039	2040	rBV2	13174	10777	0.39%	0.034%
80	15.057	2050	2052	2059	rVB4	28169	36884	1.32%	0.116%
81	15.157	2065	2069	2070	rBV4	12706	16979	0.61%	0.053%
82	15.198	2070	2076	2083	rBV	1491855	2213785	79.43%	6.950%
83	15.363	2099	2104	2110	rBV5	40102	83661	3.00%	0.263%
84	15.433	2112	2116	2119	rVV6	14960	24855	0.89%	0.078%
85	15.557	2135	2137	2144	rVB7	27562	45419	1.63%	0.143%
86	15.886	2191	2193	2196	rBV4	17346	17309	0.62%	0.054%
87	15.927	2196	2200	2207	rBV5	48894	98700	3.54%	0.310%
88	16.063	2221	2223	2226	rBV4	23282	25307	0.91%	0.079%
89	16.133	2232	2235	2238	rBV4	22825	30933	1.11%	0.097%
90	16.774	2341	2344	2353	rVB	96192	156465	5.61%	0.491%
91	16.957	2370	2375	2379	rBV	1575665	2184315	78.38%	6.857%
92	16.998	2379	2382	2387	rVV	486024	641843	23.03%	2.015%
93	17.057	2387	2392	2401	rVV2	1687131	2468766	88.58%	7.750%
94	17.833	2521	2524	2526	rBV	198952	239649	8.60%	0.752%
95	17.869	2526	2530	2539	rVB2	746746	1361719	48.86%	4.275%
96	19.163	2747	2750	2755	rBV	348290	499179	17.91%	1.567%
97	19.310	2771	2775	2779	rBV	639307	734190	26.34%	2.305%
98	19.368	2780	2785	2793	rBV2	1710387	2786952	100.00%	8.749%
99	20.362	2952	2954	2958	rVB	396672	397414	14.26%	1.248%
100	21.174	3089	3092	3096	rVB	1388846	1658596	59.51%	5.207%

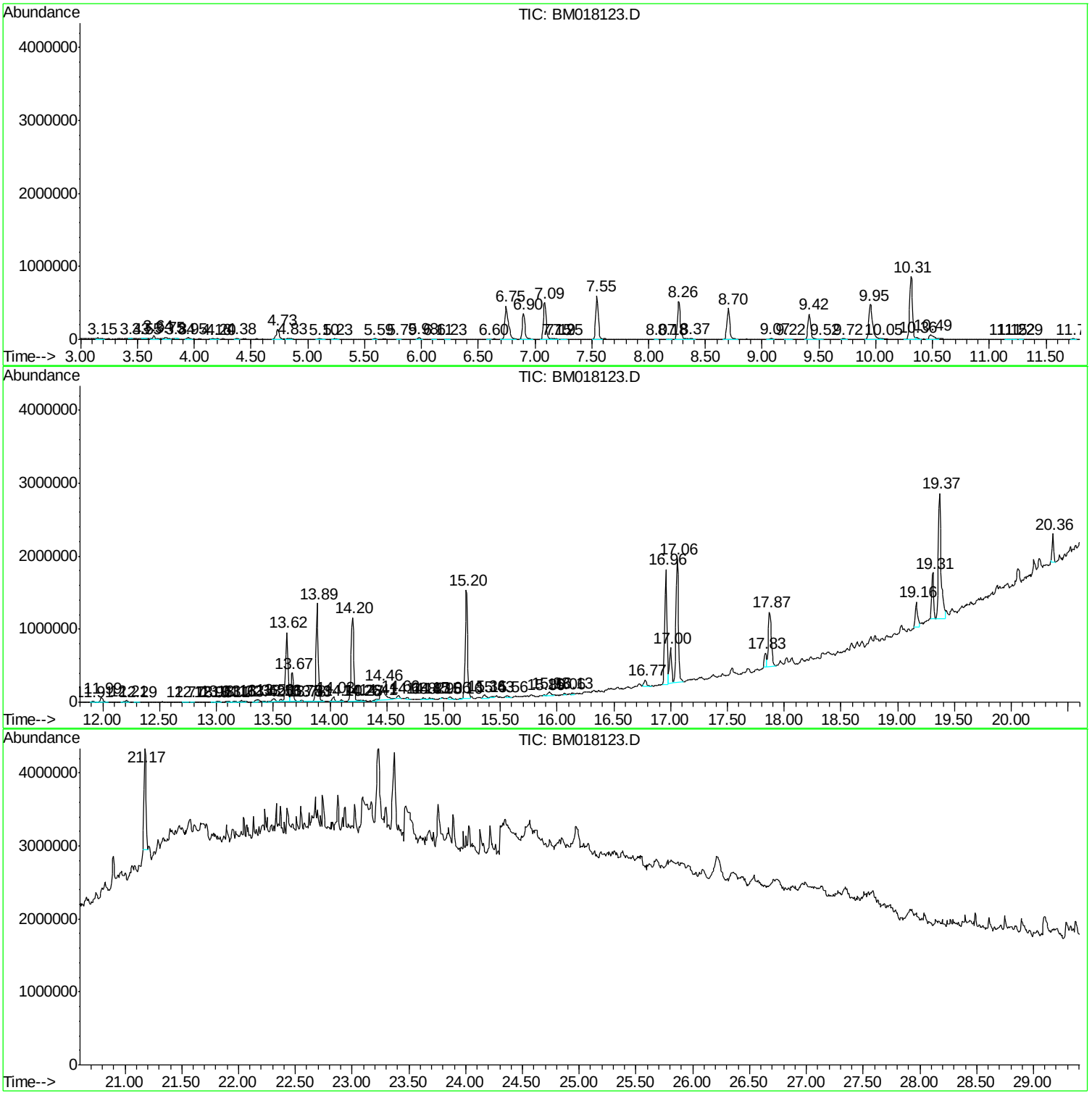
Sum of corrected areas: 31853662

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018123.D
Acq On : 13 Dec 2018 10:07
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018123.D
Acq On : 13 Dec 2018 10:07
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

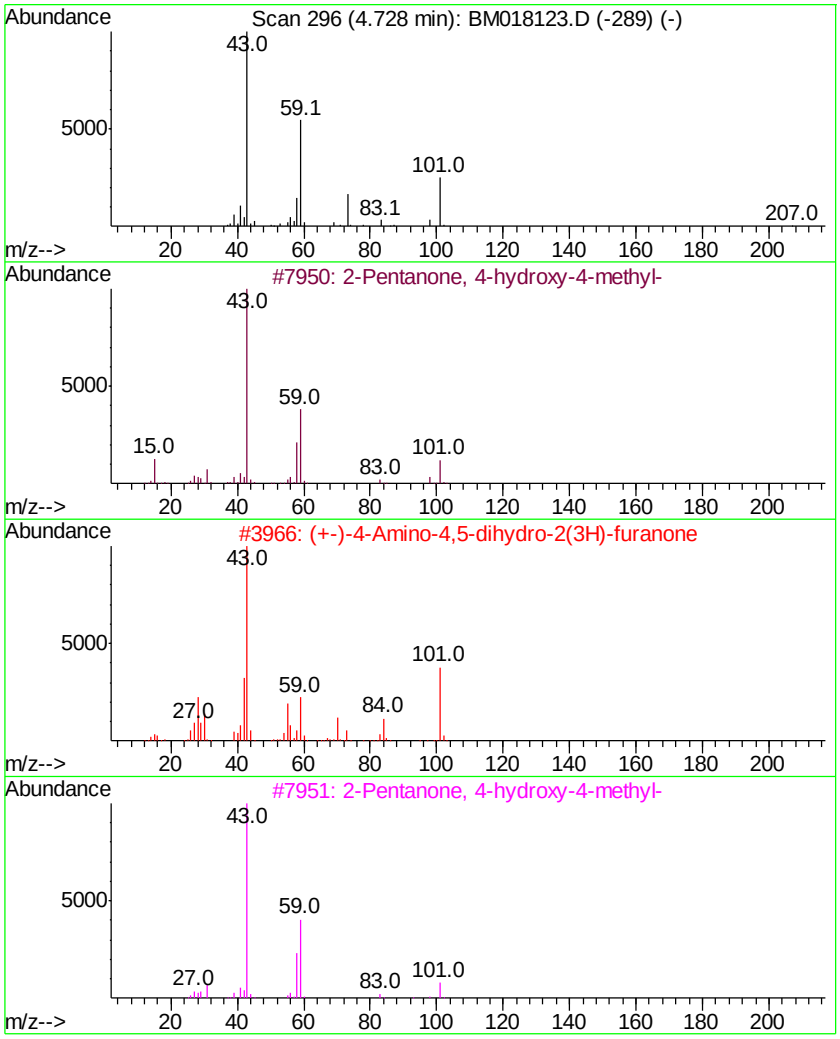
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

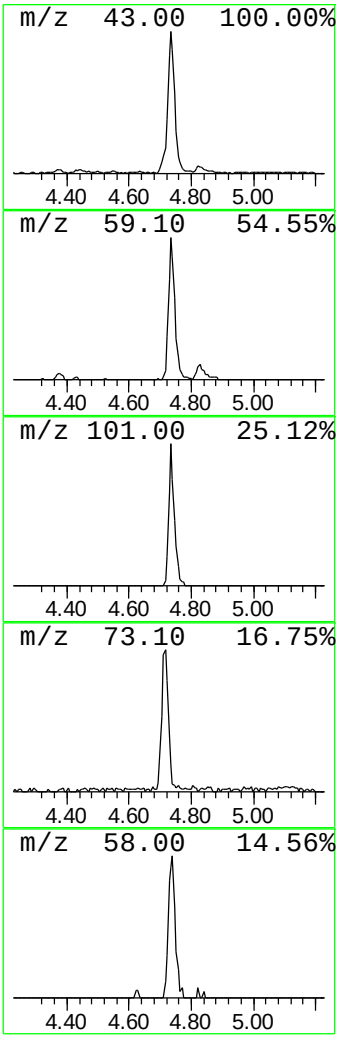
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	4.86 ng/ul	233352	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	40
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018123.D
Acq On : 13 Dec 2018 10:07
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

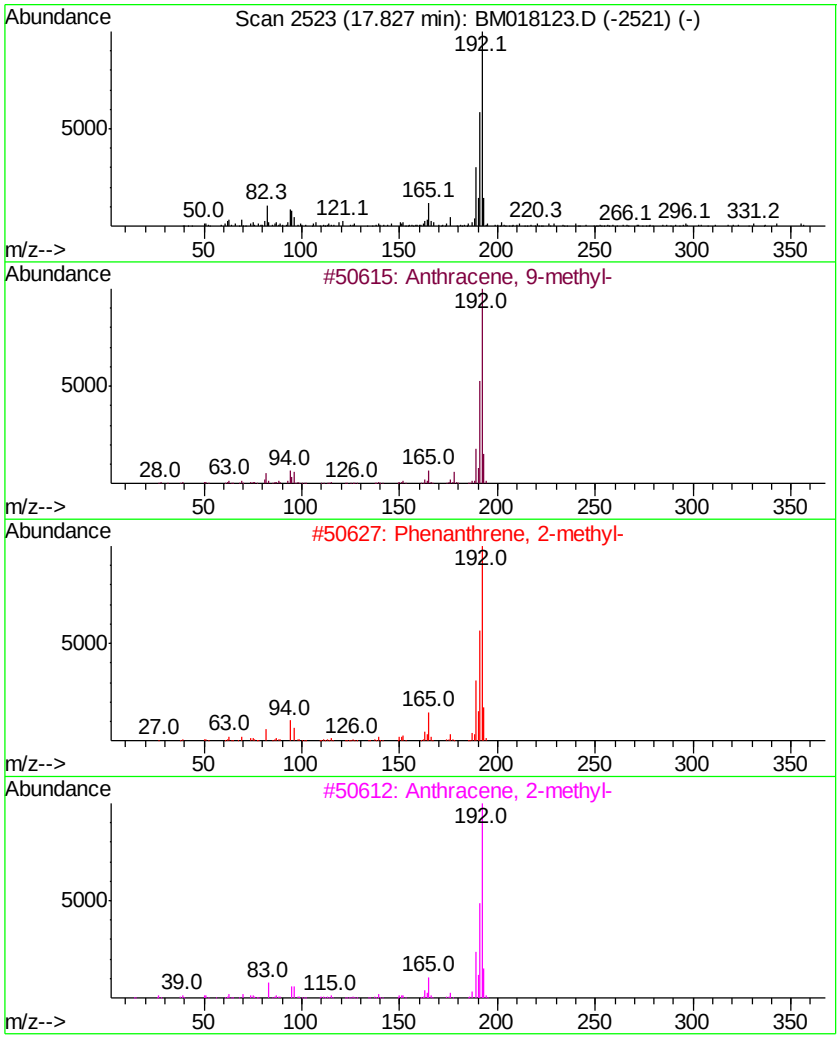
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

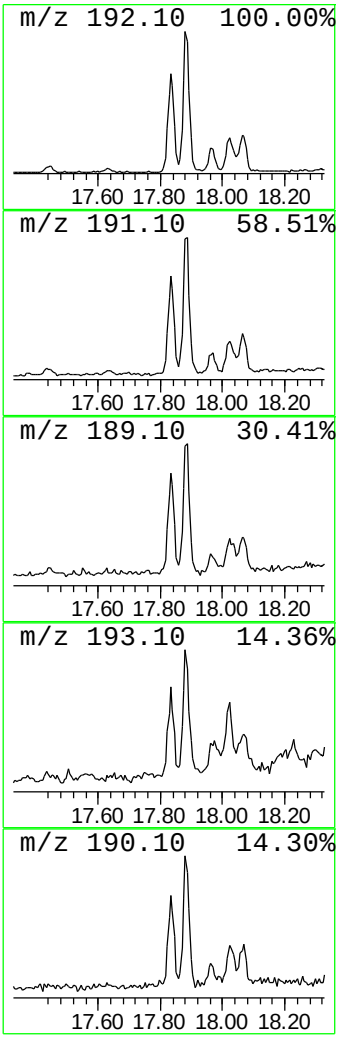
****

Peak Number 2 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.19 ng/ul	239649	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018123.D
Acq On : 13 Dec 2018 10:07
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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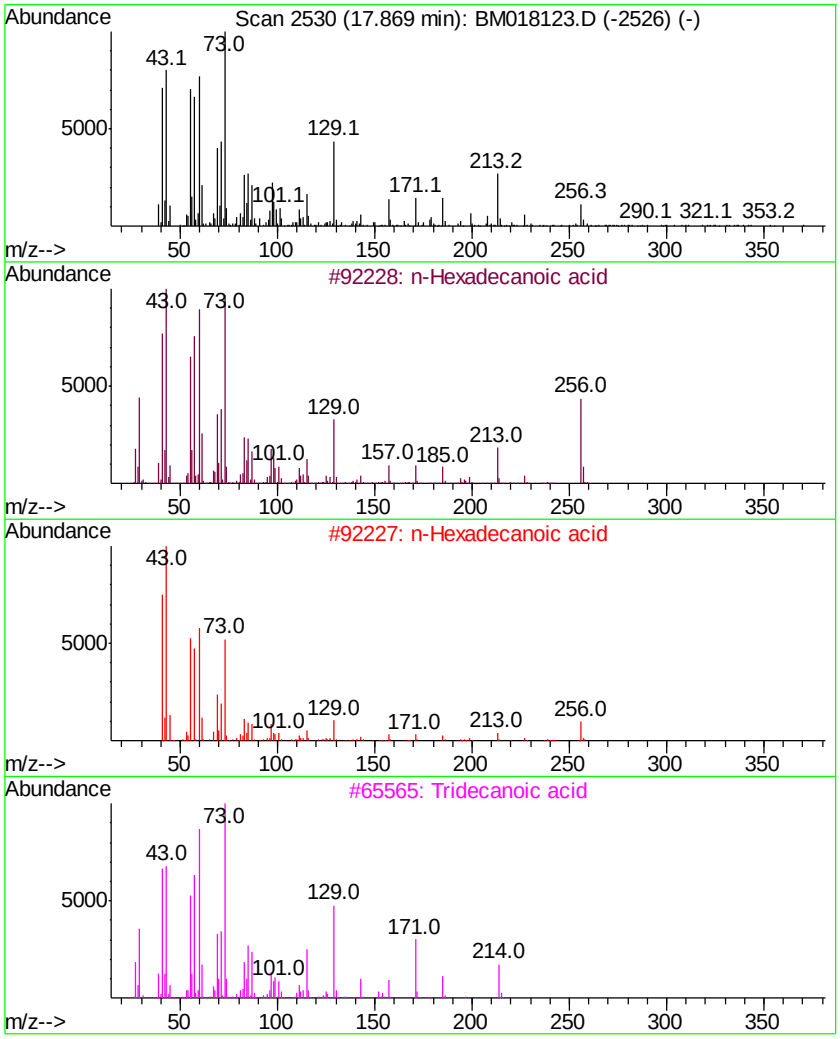
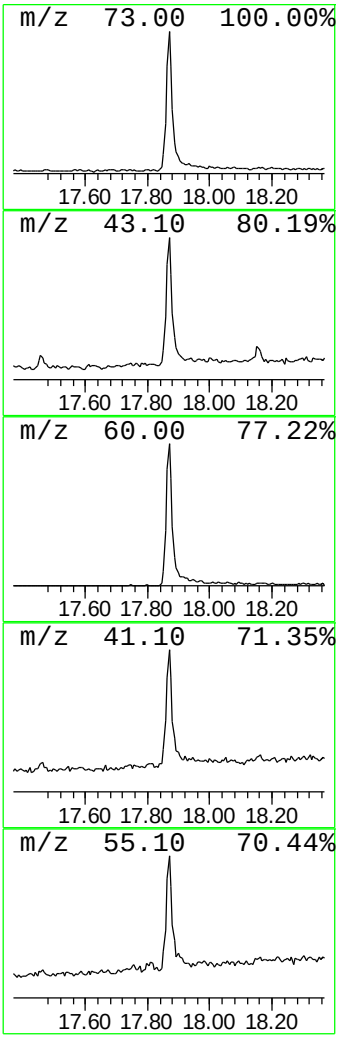
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	12.47 ng/ul	1361720	Phenanthrene-d10	16.96

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	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018123.D
Acq On : 13 Dec 2018 10:07
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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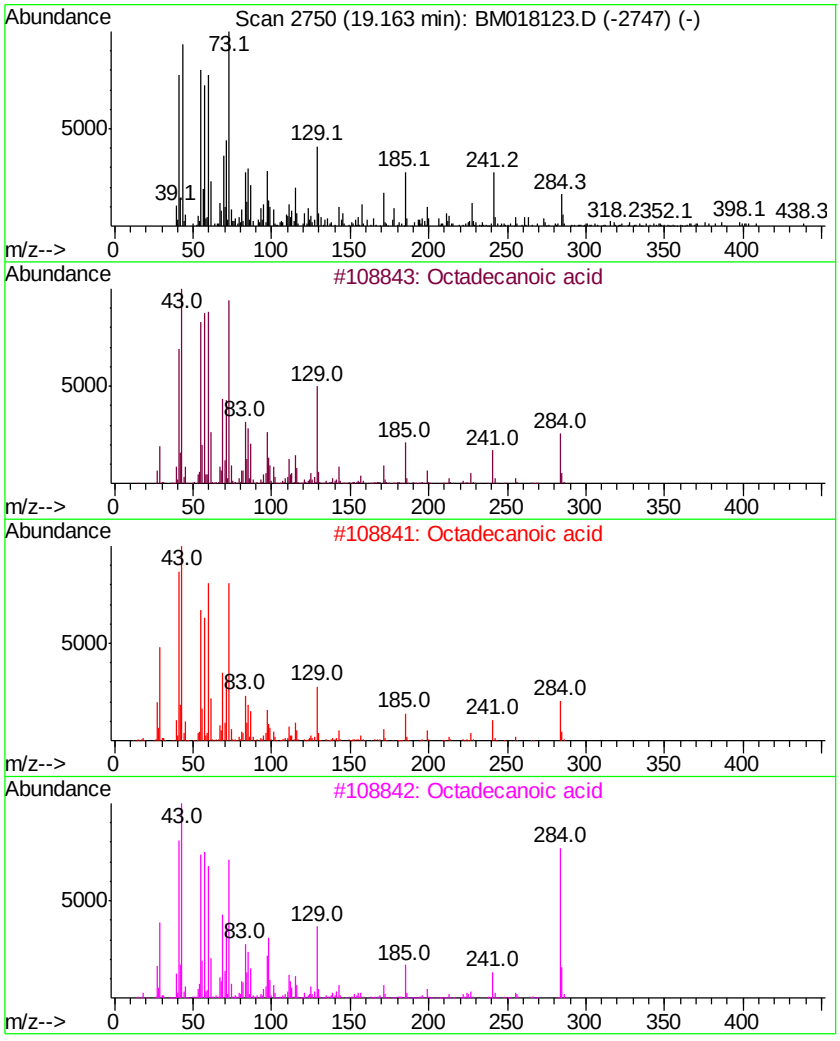
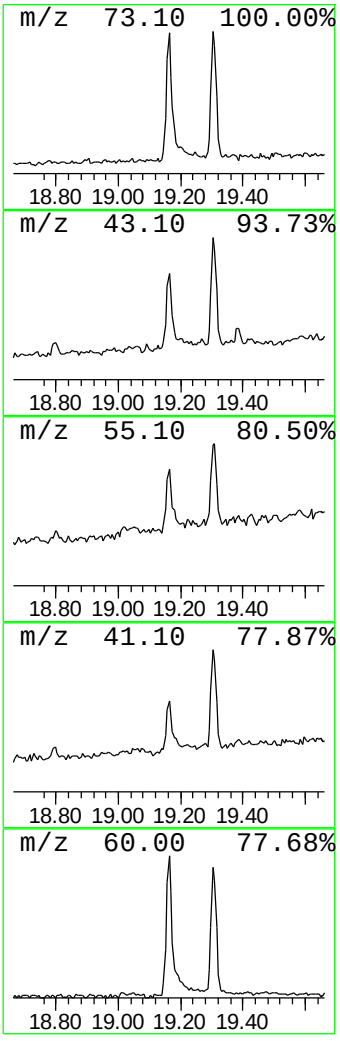
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	6.02 ng/ul	499179	Chrysene-d12	21.17

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	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Octadecanoic acid	284	C18H36O2	000057-11-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018123.D
Acq On : 13 Dec 2018 10:07
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

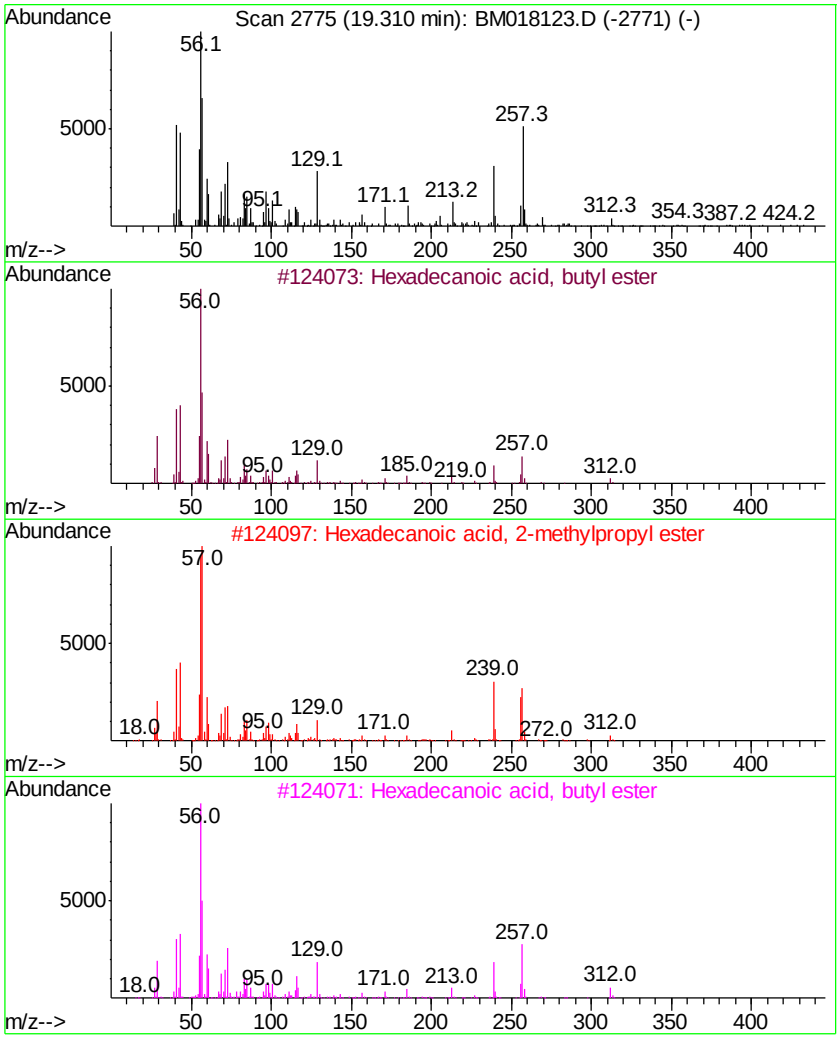
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

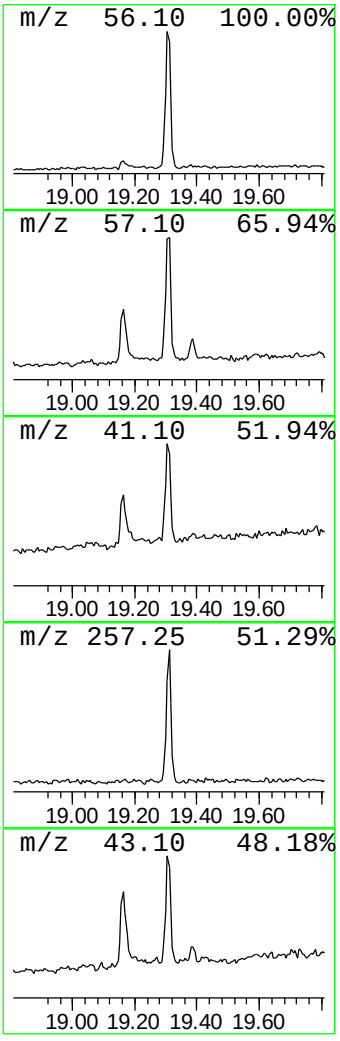
****

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	8.85 ng/ul	734190	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	89
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	81
4	Nordextromethorphan	257	C17H23NO	051195-74-5	52
5	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	35





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Data File : BM018123.D
Acq On : 13 Dec 2018 10:07
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

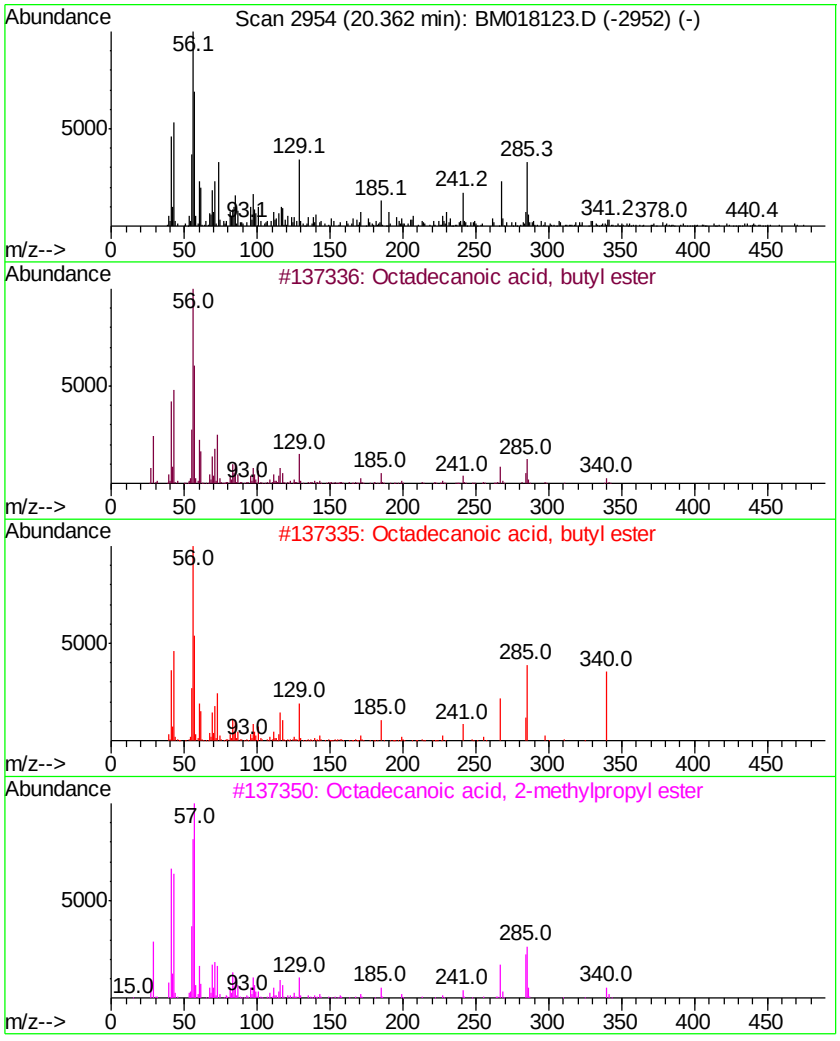
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

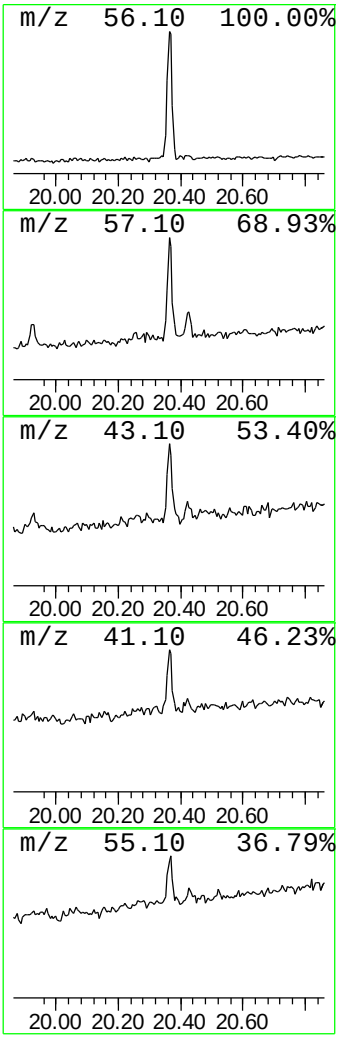
****

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	4.79 ng/ul	397414	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	94
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	64
4	n-Butyl myristate	284	C18H36O2	000110-36-1	53
5	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121218\
Data File : BM018123.D
Acq On : 13 Dec 2018 10:07
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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
2-Pentanone, 4-hy...	4.73	4.9	ng/ul	233352	1	7.55	960441	20.0
Anthracene, 9-met...	17.83	2.2	ng/ul	239649	4	16.96	2184320	20.0
n-Hexadecanoic acid	17.87	12.5	ng/ul	1361720	4	16.96	2184320	20.0
Octadecanoic acid	19.16	6.0	ng/ul	499179	5	21.17	1658600	20.0
Hexadecanoic acid...	19.31	8.8	ng/ul	734190	5	21.17	1658600	20.0
Octadecanoic acid...	20.36	4.8	ng/ul	397414	5	21.17	1658600	20.0