LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018084.D
Acq On : 12 Dec 2018 07:29
Operator : JU/SJ
Sample : J6171-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y17

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	36	rVB	25622	37584	1.37%	0.094%
2	3.422	69	74	78	rBV	13968	23369	0.85%	0.059%
3	3.522	87	91	94	rBV2	18112	30098	1.10%	0.076%
4	3.605	100	105	109	rBV5	10600	18098	0.66%	0.045%
5	3.646	109	112	118	rVB	24901	35329	1.29%	0.089%
6	3.711	120	123	125	rBV3	9057	11471	0.42%	0.029%
7	3.746	125	129	134	rVB	30394	48553	1.77%	0.122%
8	3.840	141	145	150	rBV	27036	43046	1.57%	0.108%
9	3.946	157	163	168	rBV2	28040	42676	1.56%	0.107%
10	3.993	169	171	175	rVV4	9337	11594	0.42%	0.029%
11	4.163	191	200	204	rBV4	17027	32043	1.17%	0.080%
12	4.252	211	215	221	rVV7	6730	13204	0.48%	0.033%
13	4.734	290	297	303	rVV2	91252	185480	6.76%	0.466%
14	4.822	310	312	317	rVB4	11807	19157	0.70%	0.048%
15	5.110	356	361	367	rVB3	20555	38807	1.41%	0.097%
16	5.234	376	382	391	rBV	47596	89342	3.26%	0.224%
17	5.452	414	419	424	rBV5	9510	15137	0.55%	0.038%
18	5.587	436	442	448	rVV3	47791	77018	2.81%	0.193%
19	5.981	504	509	515	rBV2	27659	45903	1.67%	0.115%
20	6.199	540	546	549	rBV5	6500	12678	0.46%	0.032%
21	6.534	600	603	609	rVB6	8304	11306	0.41%	0.028%
22	6.646	617	622	626	rVV	21189	34042	1.24%	0.086%
23	6.699	626	631	632	rVV3	15547	21170	0.77%	0.053%
24	6.740	632	638	654	rVB2	498782	1061198	38.68%	2.666%
25	6.899	659	665	677	rVB	427720	674978	24.61%	1.695%
26	7.087	690	697	706	rVV	581537	925094	33.72%	2.324%
27	7.157	706	709	712	rVV2	26461	38689	1.41%	0.097%
28	7.193	712	715	721	rVB2	30543	46141	1.68%	0.116%
29	7.546	769	775	784	rBV	719640	1153032	42.03%	2.896%
30	7.610	784	786	789	rVV3	7582	11622	0.42%	0.029%
31	7.651	789	793	801	rVB5	17764	35122	1.28%	0.088%
32	7.804	813	819	821	rBV3	8458	13297	0.48%	0.033%
33	8.081	863	866	869	rVV3	8375	11735	0.43%	0.029%
34	8.175	878	882	887	rBV4	11338	17827	0.65%	0.045%

LSC Area Percent Report

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Data File : BM018084.D
Acq On : 12 Dec 2018 07:29
Operator : JU/SJ
Sample : J6171-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y17

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	8.263	891	897	908	rVV	612495	1077063	39.26%	2.705%
36	8.634	955	960	965	rVB3	10104	17128	0.62%	0.043%
37	8.704	965	972	986	rBV	498096	908882	33.13%	2.283%
38	8.840	991	995	1000	rVV3	14510	30723	1.12%	0.077%
39	8.998	1017	1022	1027	rVB	14992	22851	0.83%	0.057%
40	9.087	1033	1037	1039	rBV	17310	25179	0.92%	0.063%
41	9.104	1039	1040	1045	rVB2	12607	14821	0.54%	0.037%
42	9.216	1053	1059	1064	rBV4	16477	29733	1.08%	0.075%
43	9.416	1086	1093	1104	rVV	383652	674007	24.57%	1.693%
44	9.510	1104	1109	1116	rVV2	30111	54312	1.98%	0.136%
45	9.592	1120	1123	1132	rVB6	8876	16111	0.59%	0.040%
46	9.716	1138	1144	1150	rVB2	24333	41628	1.52%	0.105%
47	9.951	1176	1184	1203	rBV	625815	1248050	45.50%	3.135%
48	10.092	1203	1208	1211	rVV5	11402	25443	0.93%	0.064%
49	10.128	1211	1214	1228	rVB6	23579	52593	1.92%	0.132%
50	10.310	1237	1245	1252	rBV	1024075	1726919	62.95%	4.338%
51	10.475	1265	1273	1287	rBV	329095	844753	30.79%	2.122%
52	10.698	1308	1311	1314	rBV3	9228	11759	0.43%	0.030%
53	10.875	1335	1341	1345	rVB3	14548	21429	0.78%	0.054%
54	10.934	1345	1351	1357	rBV5	8700	18792	0.69%	0.047%
55	11.204	1392	1397	1401	rVV4	10618	21490	0.78%	0.054%
56	11.286	1407	1411	1416	rVB3	7707	12413	0.45%	0.031%
57	11.398	1422	1430	1438	rVB5	22107	52089	1.90%	0.131%
58	11.581	1455	1461	1463	rBV4	7171	11350	0.41%	0.029%
59	11.669	1472	1476	1482	rVB4	13915	23839	0.87%	0.060%
60	11.739	1482	1488	1492	rBV4	8021	14197	0.52%	0.036%
61	11.875	1505	1511	1515	rBV6	9961	17451	0.64%	0.044%
62	11.916	1515	1518	1526	rVB3	9264	17840	0.65%	0.045%
63	12.004	1526	1533	1534	rBV4	9205	15207	0.55%	0.038%
64	12.539	1615	1624	1625	rVV7	5658	12012	0.44%	0.030%
65	12.586	1628	1632	1637	rVB6	8161	14838	0.54%	0.037%
66	12.716	1650	1654	1658	rBV5	6743	11469	0.42%	0.029%
67	12.786	1661	1666	1670	rVB6	8275	12931	0.47%	0.032%
68	12.910	1684	1687	1692	rVB5	7513	12042	0.44%	0.030%
69	13.251	1736	1745	1750	rBV10	9048	26697	0.97%	0.067%
70	13.445	1770	1778	1784	rBV7	21562	47849	1.74%	0.120%
71	13.622	1798	1808	1812	rBV	1185909	1760286	64.17%	4.422%

LSC Area Percent Report

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Data File : BM018084.D
Acq On : 12 Dec 2018 07:29
Operator : JU/SJ
Sample : J6171-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y17

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	13.669	1812	1816	1829	rVB	502181	737700	26.89%	1.853%
73	13.886	1843	1853	1860	rBV	1445612	2203356	80.32%	5.535%
74	14.104	1886	1890	1896	rBV6	9022	12060	0.44%	0.030%
75	14.198	1898	1906	1914	rBV2	1484040	2298066	83.77%	5.772%
76	14.339	1928	1930	1935	rVB4	13116	15593	0.57%	0.039%
77	14.457	1943	1950	1964	rBV2	201350	590500	21.53%	1.483%
78	14.651	1978	1983	1989	rVB9	17127	38524	1.40%	0.097%
79	14.810	2008	2010	2015	rVB5	10504	14500	0.53%	0.036%
80	15.010	2040	2044	2047	rBV3	9928	12056	0.44%	0.030%
81	15.116	2059	2062	2066	rVB6	9370	15175	0.55%	0.038%
82	15.204	2070	2077	2087	rBV	1774684	2687836	97.98%	6.752%
83	15.351	2097	2102	2110	rBV2	56837	106262	3.87%	0.267%
84	15.445	2114	2118	2120	rBV4	21458	31527	1.15%	0.079%
85	15.945	2197	2203	2208	rVV4	31263	60741	2.21%	0.153%
86	16.727	2332	2336	2337	rVV4	18780	22596	0.82%	0.057%
87	16.774	2341	2344	2349	rVB4	28105	43966	1.60%	0.110%
88	16.957	2369	2375	2380	rBV2	1794400	2609364	95.12%	6.554%
89	17.057	2386	2392	2403	rVB	1978997	2743230	100.00%	6.891%
90	17.804	2515	2519	2523	rBV6	30889	46413	1.69%	0.117%
91	17.868	2525	2530	2545	rVV	615424	923471	33.66%	2.320%
92	19.009	2720	2724	2725	rBV2	41054	57646	2.10%	0.145%
93	19.162	2746	2750	2758	rBV	304978	466567	17.01%	1.172%
94	19.309	2771	2775	2779	rBV	322377	352491	12.85%	0.885%
95	19.362	2779	2784	2793	rVV	1936044	2727445	99.42%	6.851%
96	20.362	2951	2954	2958	rVB	227197	242185	8.83%	0.608%
97	20.892	3041	3044	3051	rBV	379289	486580	17.74%	1.222%
98	21.168	3087	3091	3099	rBV	1662118	2176025	79.32%	5.466%
99	23.209	3433	3438	3449	rVB	1168185	2312082	84.28%	5.808%
100	23.345	3456	3461	3469	rVB	1102152	1944613	70.89%	4.885%

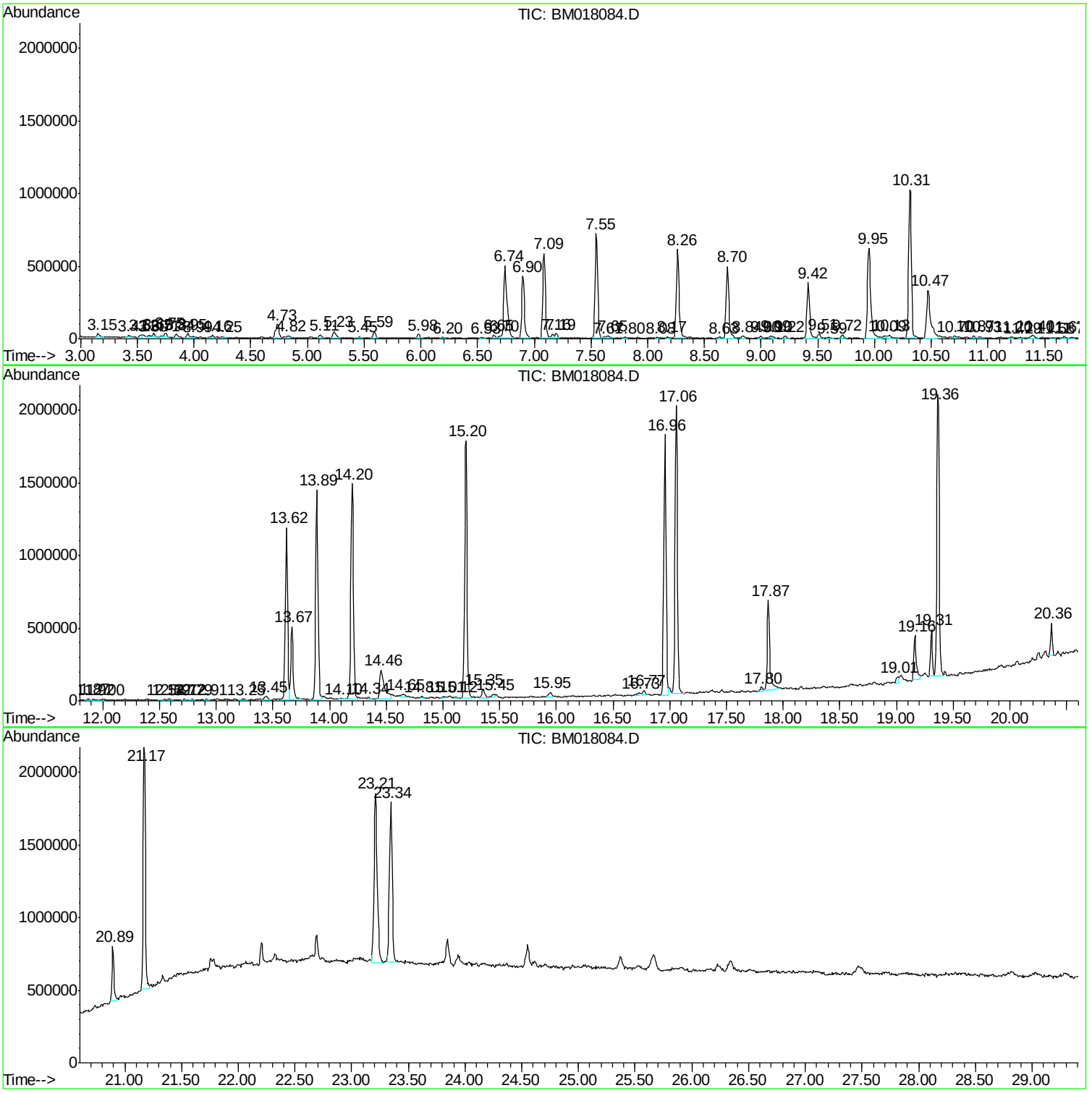
Sum of corrected areas: 39810586

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018084.D
Acq On : 12 Dec 2018 07:29
Operator : JU/SJ
Sample : J6171-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y17

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018084.D
Acq On : 12 Dec 2018 07:29
Operator : JU/SJ
Sample : J6171-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y17

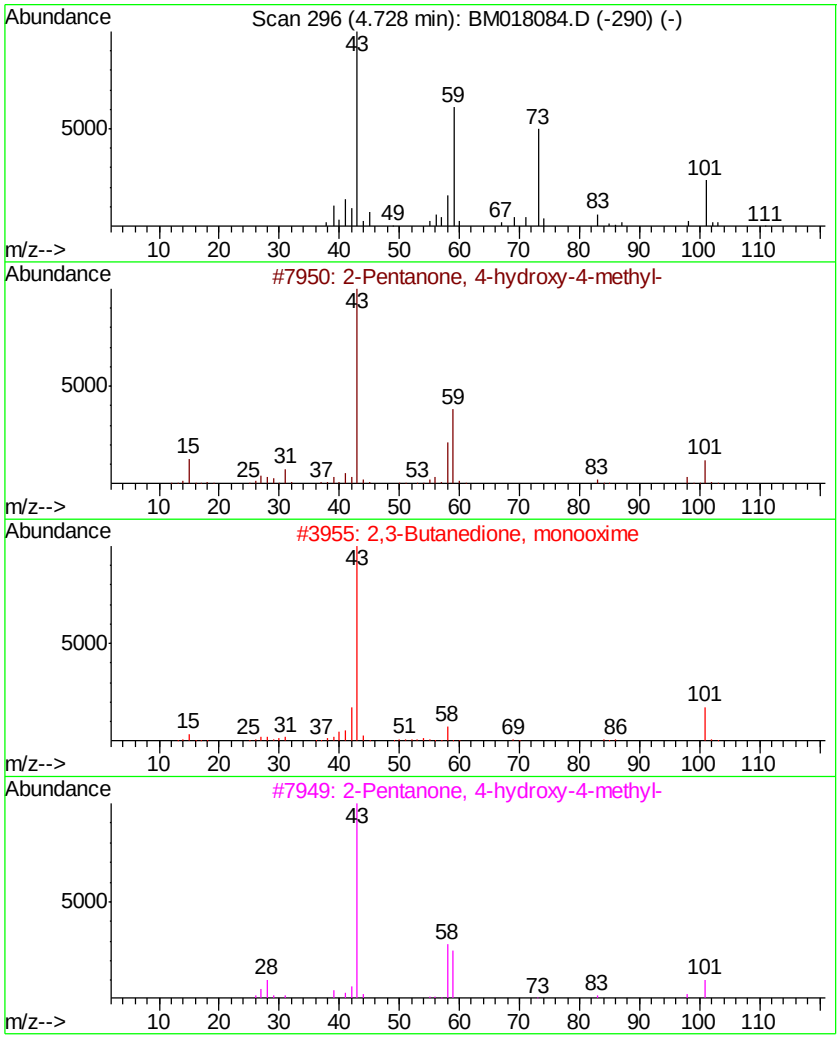
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

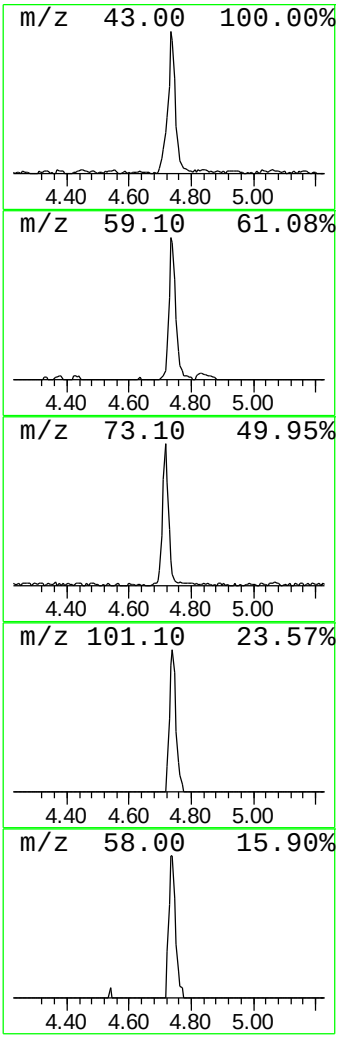
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	3.22 ng/ul	185480	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	32
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	16
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018084.D
Acq On : 12 Dec 2018 07:29
Operator : JU/SJ
Sample : J6171-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y17

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

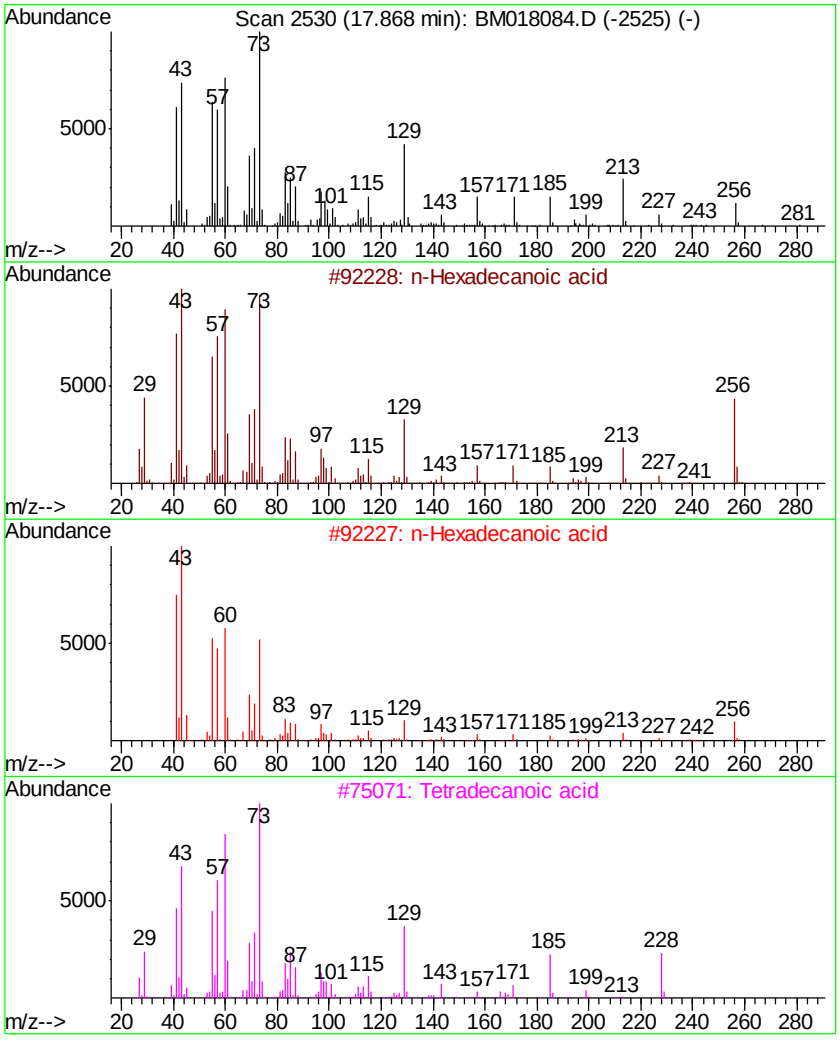
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

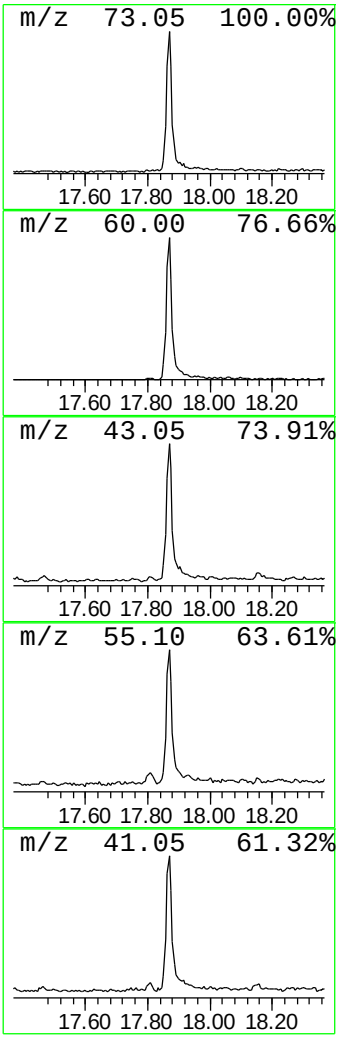
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	7.08 ng/ul	923471	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	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018084.D
Acq On : 12 Dec 2018 07:29
Operator : JU/SJ
Sample : J6171-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y17

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

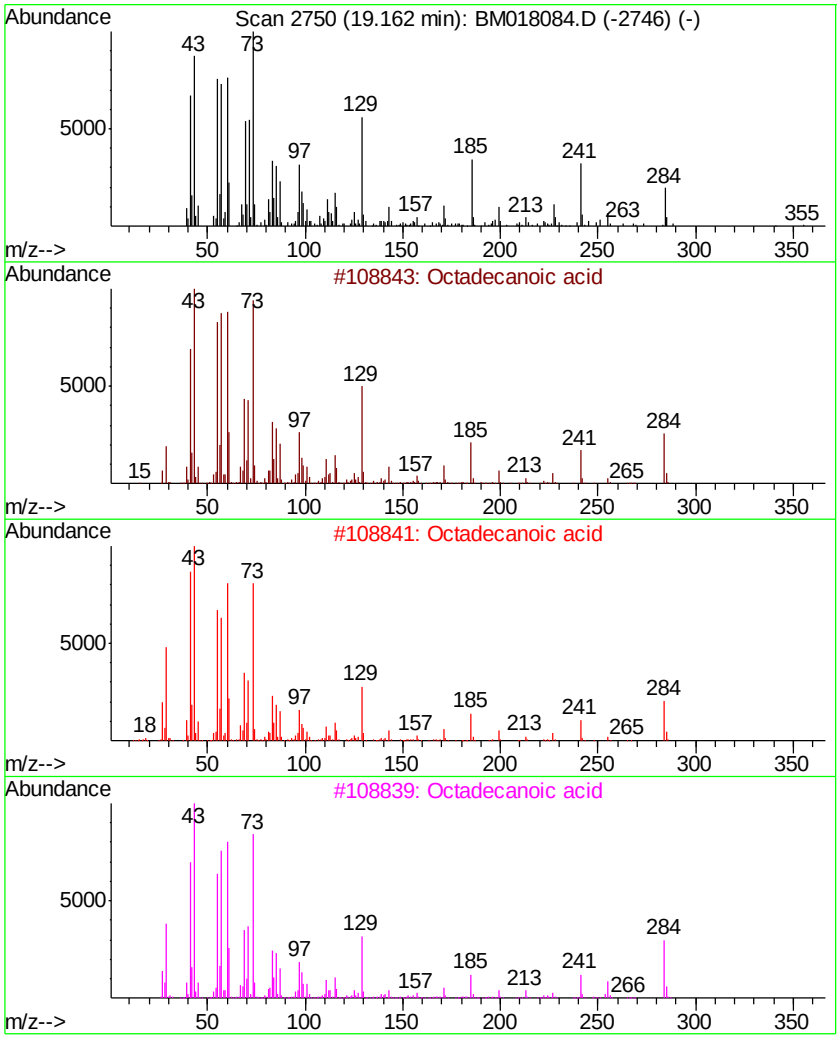
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

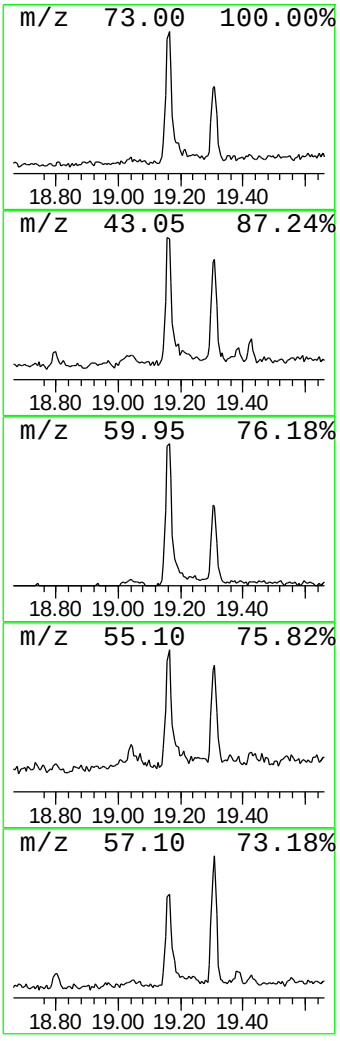
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	4.29 ng/ul	466567	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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018084.D
Acq On : 12 Dec 2018 07:29
Operator : JU/SJ
Sample : J6171-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y17

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

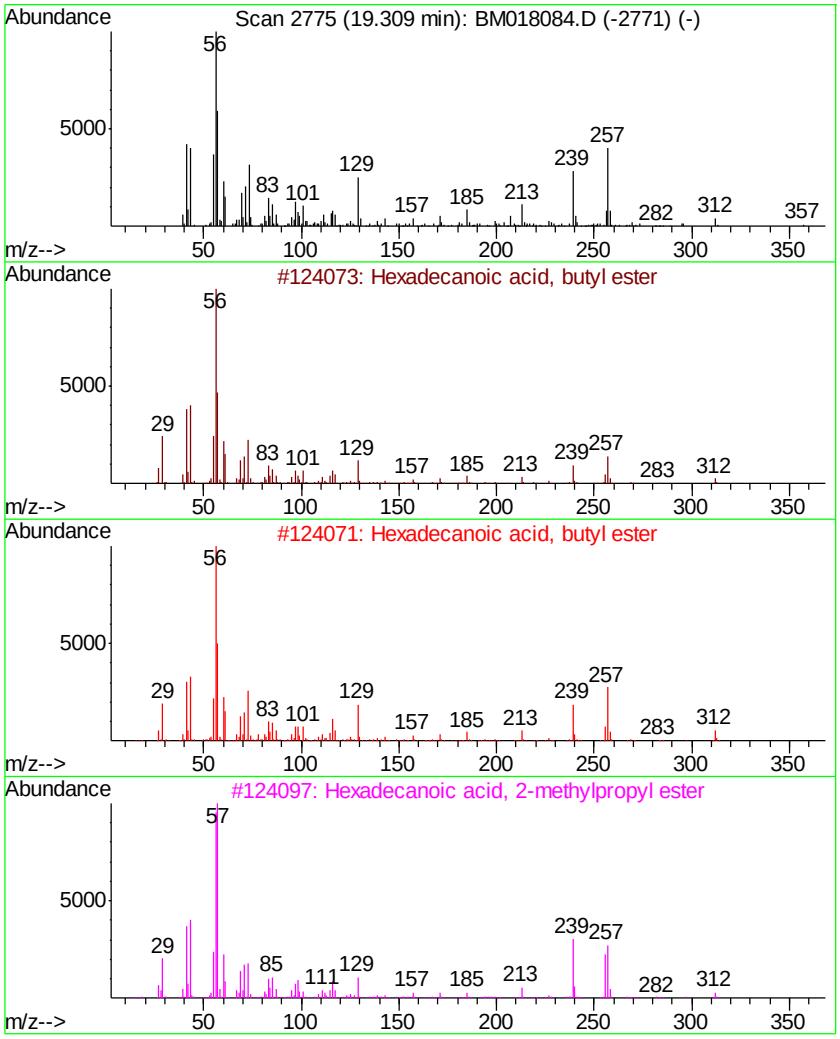
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

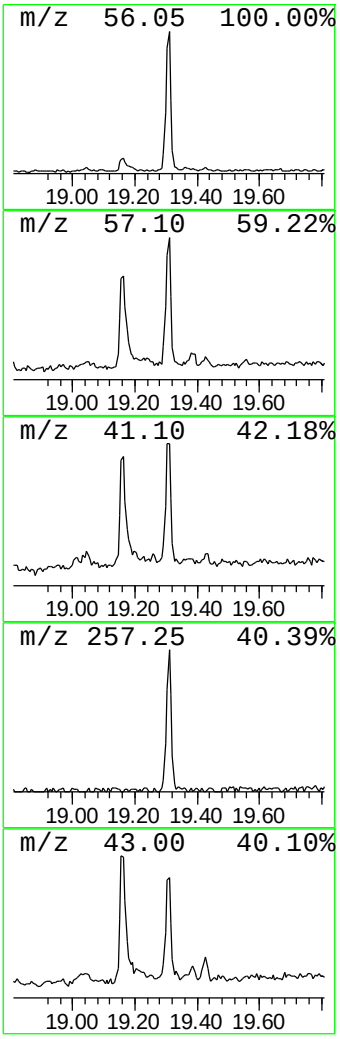
****

Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	3.24 ng/ul	352491	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	93
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	76
4	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	46
5	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018084.D
Acq On : 12 Dec 2018 07:29
Operator : JU/SJ
Sample : J6171-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y17

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

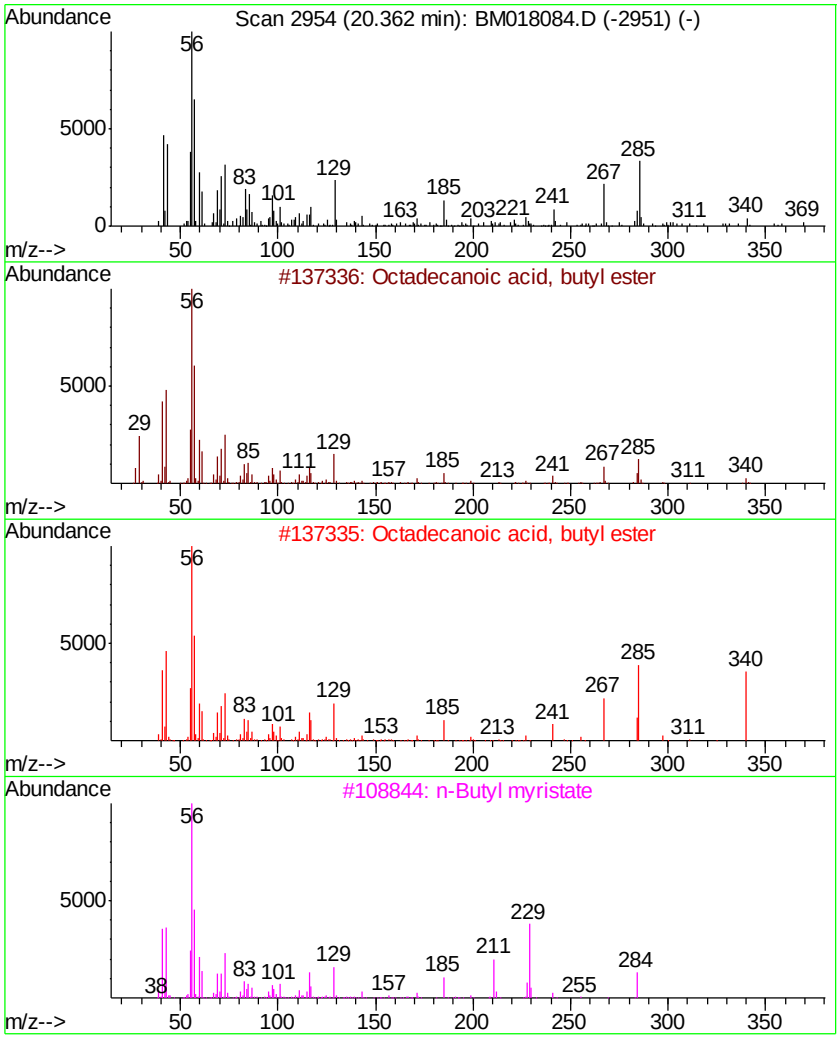
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

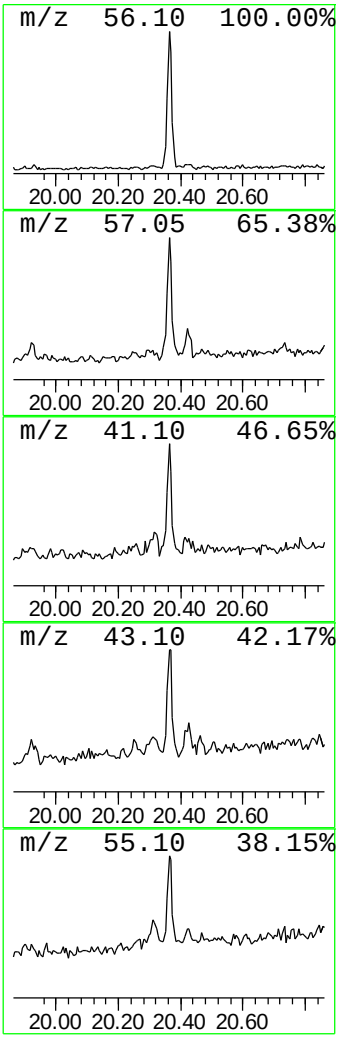
****

Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.23 ng/ul	242185	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
3	n-Butyl myristate	284	C18H36O2	000110-36-1	53
4	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38
5	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018084.D
Acq On : 12 Dec 2018 07:29
Operator : JU/SJ
Sample : J6171-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y17

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

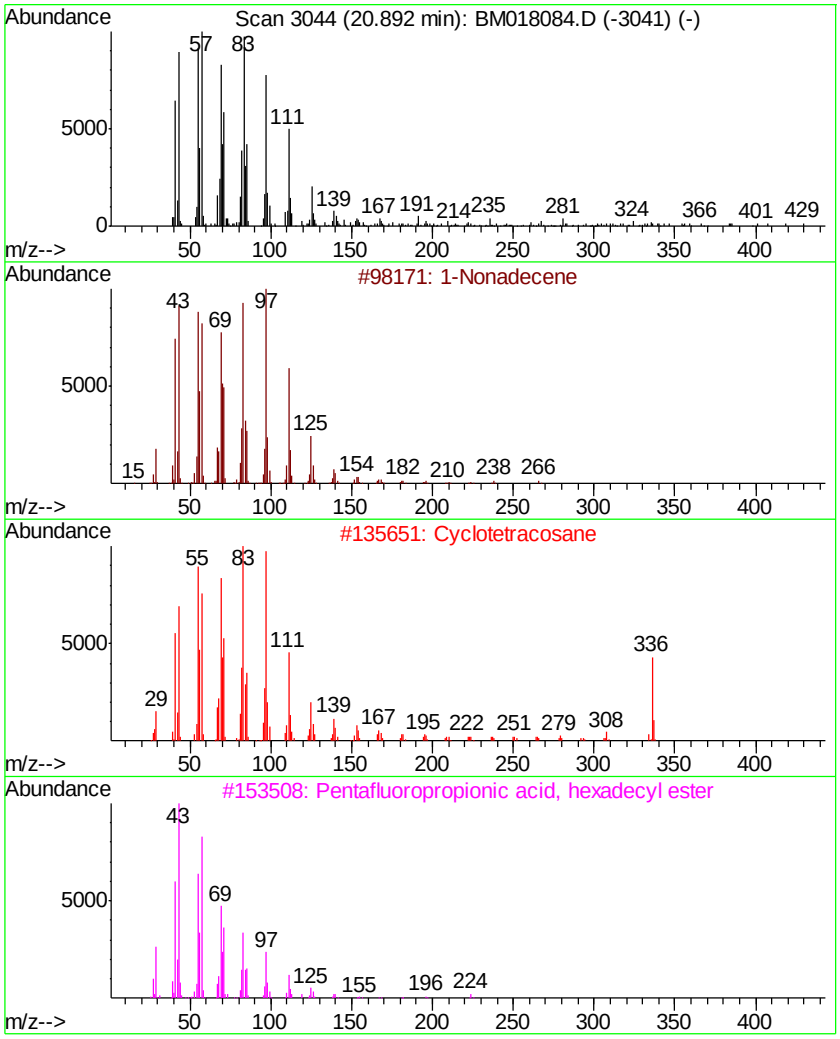
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

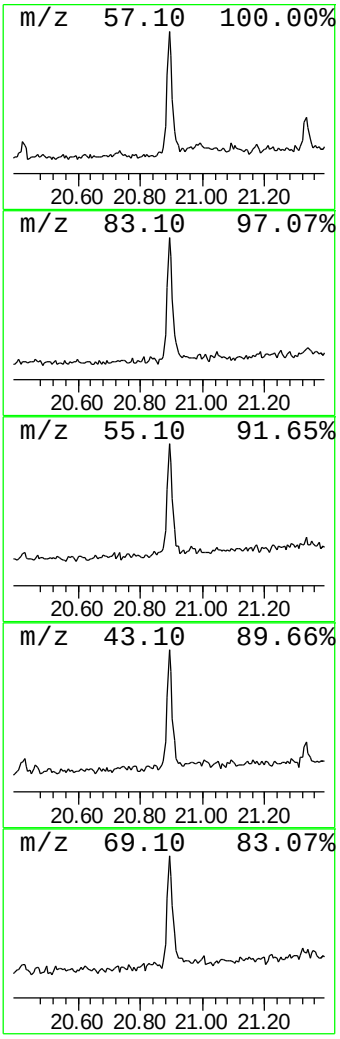
****

Peak Number 6 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.47 ng/ul	486580	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	Cyclotetracosane	336	C24H48	000297-03-0	93
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
5	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
Data File : BM018084.D
Acq On : 12 Dec 2018 07:29
Operator : JU/SJ
Sample : J6171-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y17

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	3.2	ng/ul	185480	1	7.55	1153030	20.0
n-Hexadecanoic acid	17.87	7.1	ng/ul	923471	4	16.96	2609360	20.0
Octadecanoic acid	19.16	4.3	ng/ul	466567	5	21.17	2176030	20.0
Hexadecanoic acid...	19.31	3.2	ng/ul	352491	5	21.17	2176030	20.0
Octadecanoic acid...	20.36	2.2	ng/ul	242185	5	21.17	2176030	20.0
(DEL) Alkane: Cyc...	20.89	4.5	ng/ul	486580	5	21.17	2176030	20.0