LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018080.D
Acq On : 12 Dec 2018 05:05
Operator : JU/SJ
Sample : J6171-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y05

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	3.046	9	10	13	rBV2	4745	4870	0.18%	0.013%
2	3.151	25	28	34	rVB2	19963	24467	0.92%	0.066%
3	3.434	72	76	79	rBV2	7813	12428	0.47%	0.033%
4	3.551	93	96	100	rVB2	6935	9078	0.34%	0.024%
5	3.640	106	111	120	rVB	44109	62263	2.35%	0.167%
6	3.751	125	130	135	rVB2	25913	44243	1.67%	0.119%
7	3.845	142	146	149	rBV3	4481	6932	0.26%	0.019%
8	3.945	158	163	168	rBV3	23309	35988	1.36%	0.096%
9	4.193	203	205	212	rVV6	7293	11120	0.42%	0.030%
10	4.251	212	215	220	rVB3	4920	6138	0.23%	0.016%
11	4.375	232	236	243	rVB6	8372	14998	0.57%	0.040%
12	4.634	278	280	284	rVB3	4913	5386	0.20%	0.014%
13	4.734	288	297	307	rVV3	55921	137832	5.20%	0.369%
14	4.822	309	312	321	rVV4	10481	23271	0.88%	0.062%
15	5.645	449	452	456	rVV3	4229	5141	0.19%	0.014%
16	5.981	502	509	514	rBV3	21849	33448	1.26%	0.090%
17	6.434	582	586	591	rBV6	4645	7999	0.30%	0.021%
18	6.604	610	615	618	rBV5	5548	8256	0.31%	0.022%
19	6.739	632	638	652	rBV2	417981	911574	34.41%	2.443%
20	6.898	658	665	673	rBV	373930	566825	21.40%	1.519%
21	6.981	674	679	684	rVB3	14922	25382	0.96%	0.068%
22	7.086	690	697	707	rBV	502959	819599	30.94%	2.197%
23	7.545	766	775	783	rBV	743714	1212597	45.78%	3.250%
24	7.616	783	787	793	rVB5	9365	19070	0.72%	0.051%
25	8.263	890	897	906	rBV	502167	908574	34.30%	2.435%
26	8.333	906	909	916	rVV6	14092	33956	1.28%	0.091%
27	8.380	916	917	922	rVB4	6277	5928	0.22%	0.016%
28	8.704	965	972	980	rBV	442524	777504	29.35%	2.084%
29	8.828	989	993	996	rBV3	6466	9425	0.36%	0.025%
30	9.086	1032	1037	1043	rVB	18525	27136	1.02%	0.073%
31	9.227	1056	1061	1067	rVB5	7957	15575	0.59%	0.042%
32	9.416	1085	1093	1102	rBV	395464	691661	26.11%	1.854%
33	9.480	1102	1104	1109	rVB5	7538	10702	0.40%	0.029%
34	9.722	1141	1145	1150	rBV4	5983	10333	0.39%	0.028%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6171-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y05

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	9.863	1165	1169	1172	rVV4	4225	5760	0.22%	0.015%
36	9.951	1177	1184	1205	rVV	459998	1082171	40.86%	2.901%
37	10.092	1205	1208	1211	rVB2	5149	6328	0.24%	0.017%
38	10.310	1236	1245	1254	rBV	1076294	1836921	69.35%	4.923%
39	10.486	1269	1275	1291	rBV3	58322	184171	6.95%	0.494%
40	10.945	1346	1353	1354	rBV2	3678	4716	0.18%	0.013%
41	11.333	1417	1419	1427	rVB4	7178	11058	0.42%	0.030%
42	11.480	1439	1444	1448	rVB4	5892	8483	0.32%	0.023%
43	11.574	1458	1460	1464	rVB4	5056	6661	0.25%	0.018%
44	11.745	1482	1489	1492	rVV5	9456	15780	0.60%	0.042%
45	11.921	1513	1519	1525	rBV4	8085	16649	0.63%	0.045%
46	12.139	1553	1556	1561	rVB5	5812	7652	0.29%	0.021%
47	12.186	1561	1564	1567	rBV3	3607	5423	0.20%	0.015%
48	12.716	1649	1654	1657	rBV4	11078	14899	0.56%	0.040%
49	12.786	1663	1666	1667	rBV3	5169	5244	0.20%	0.014%
50	12.804	1667	1669	1671	rVB3	5868	5003	0.19%	0.013%
51	12.980	1695	1699	1701	rBV5	6656	9965	0.38%	0.027%
52	13.010	1701	1704	1706	rBV4	11318	12262	0.46%	0.033%
53	13.098	1716	1719	1722	rBV5	6193	5269	0.20%	0.014%
54	13.163	1726	1730	1731	rBV4	5475	6414	0.24%	0.017%
55	13.245	1740	1744	1748	rBV4	5573	7431	0.28%	0.020%
56	13.357	1761	1763	1769	rVB6	6397	8438	0.32%	0.023%
57	13.510	1783	1789	1796	rBV8	13241	29935	1.13%	0.080%
58	13.563	1796	1798	1799	rVV2	6739	6477	0.24%	0.017%
59	13.615	1801	1807	1812	rVV	1095856	1624593	61.33%	4.354%
60	13.668	1812	1816	1826	rVV	483248	730113	27.56%	1.957%
61	13.886	1845	1853	1867	rBV	1310848	1978151	74.68%	5.302%
62	14.104	1885	1890	1894	rBV	23671	32707	1.23%	0.088%
63	14.151	1894	1898	1899	rVV3	8602	10421	0.39%	0.028%
64	14.198	1899	1906	1915	rVV2	1573588	2414186	91.14%	6.471%
65	14.292	1917	1922	1927	rVV2	105943	145300	5.49%	0.389%
66	14.451	1943	1949	1970	rBV2	160997	510208	19.26%	1.367%
67	14.604	1970	1975	1979	rBV8	27125	47369	1.79%	0.127%
68	14.721	1993	1995	2001	rBV7	12167	17670	0.67%	0.047%
69	14.815	2009	2011	2012	rBV2	11756	8576	0.32%	0.023%
70	14.998	2033	2042	2046	rBV2	13969	42169	1.59%	0.113%
71	15.062	2048	2053	2057	rVB3	37774	60707	2.29%	0.163%

LSC Area Percent Report

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Acq On : 12 Dec 2018 05:05
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Sample : J6171-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y05

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	15.198	2068	2076	2088	rBV	1767218	2508604	94.71%	6.724%
73	15.345	2096	2101	2110	rBV	207311	329913	12.46%	0.884%
74	15.445	2113	2118	2119	rVV4	28694	37024	1.40%	0.099%
75	15.468	2120	2122	2126	rVV3	41634	44936	1.70%	0.120%
76	15.515	2128	2130	2133	rBV3	6584	8344	0.32%	0.022%
77	15.621	2145	2148	2151	rBV5	14572	15683	0.59%	0.042%
78	15.686	2154	2159	2162	rBV6	12369	24324	0.92%	0.065%
79	15.774	2170	2174	2177	rBV6	11229	16698	0.63%	0.045%
80	15.880	2190	2192	2195	rBV4	8928	8258	0.31%	0.022%
81	15.933	2196	2201	2202	rBV3	79278	100506	3.79%	0.269%
82	16.233	2249	2252	2255	rBV2	17714	22376	0.84%	0.060%
83	16.621	2314	2318	2323	rBV8	21523	35018	1.32%	0.094%
84	16.721	2331	2335	2339	rBV2	89214	130128	4.91%	0.349%
85	16.768	2341	2343	2348	rVB	50263	66489	2.51%	0.178%
86	16.868	2357	2360	2364	rBV5	38795	56887	2.15%	0.152%
87	16.956	2369	2375	2381	rBV	1866422	2648797	100.00%	7.100%
88	17.056	2386	2392	2400	rVB	1615402	2367581	89.38%	6.346%
89	17.262	2425	2427	2434	rVB5	55984	73354	2.77%	0.197%
90	17.462	2457	2461	2466	rBV2	71191	103308	3.90%	0.277%
91	17.556	2472	2477	2482	rBV	538965	661655	24.98%	1.773%
92	17.809	2516	2520	2523	rBV	92116	132498	5.00%	0.355%
93	17.868	2525	2530	2539	rVV	771538	1067444	40.30%	2.861%
94	18.156	2576	2579	2586	rBV2	88118	136100	5.14%	0.365%
95	19.162	2747	2750	2757	rVB	295348	366795	13.85%	0.983%
96	19.309	2772	2775	2779	rBV2	171104	198654	7.50%	0.532%
97	19.362	2779	2784	2791	rBV	1604926	2300266	86.84%	6.165%
98	21.168	3087	3091	3097	rBV2	1585808	2191991	82.75%	5.875%
99	23.209	3434	3438	3453	rVB	1105966	2221655	83.87%	5.955%
100	23.344	3457	3461	3469	rVB2	1118929	2009320	75.86%	5.386%

Sum of corrected areas: 37309585

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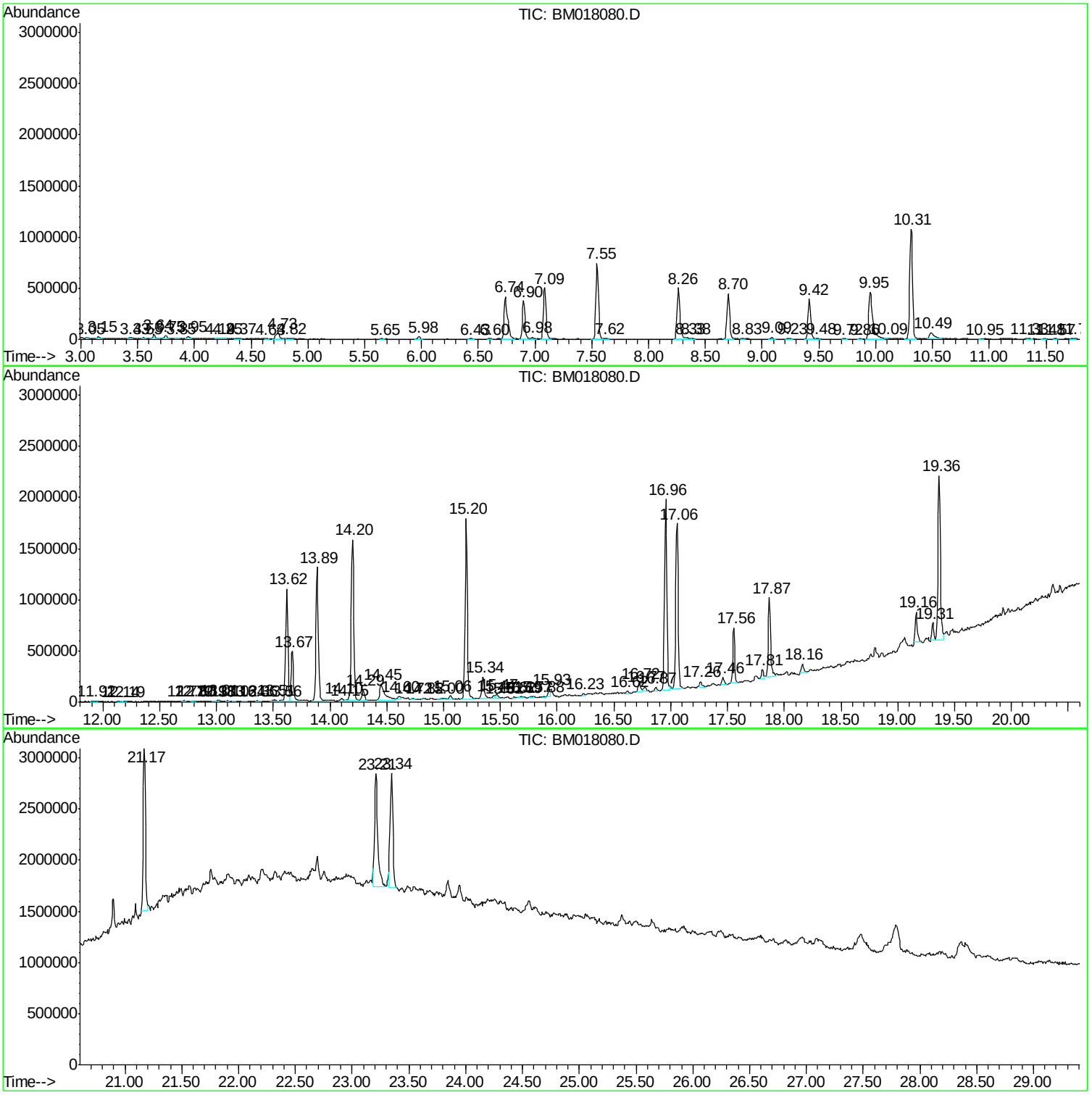
Instrument :
BNA_M
ClientSampleId :
F9Y05

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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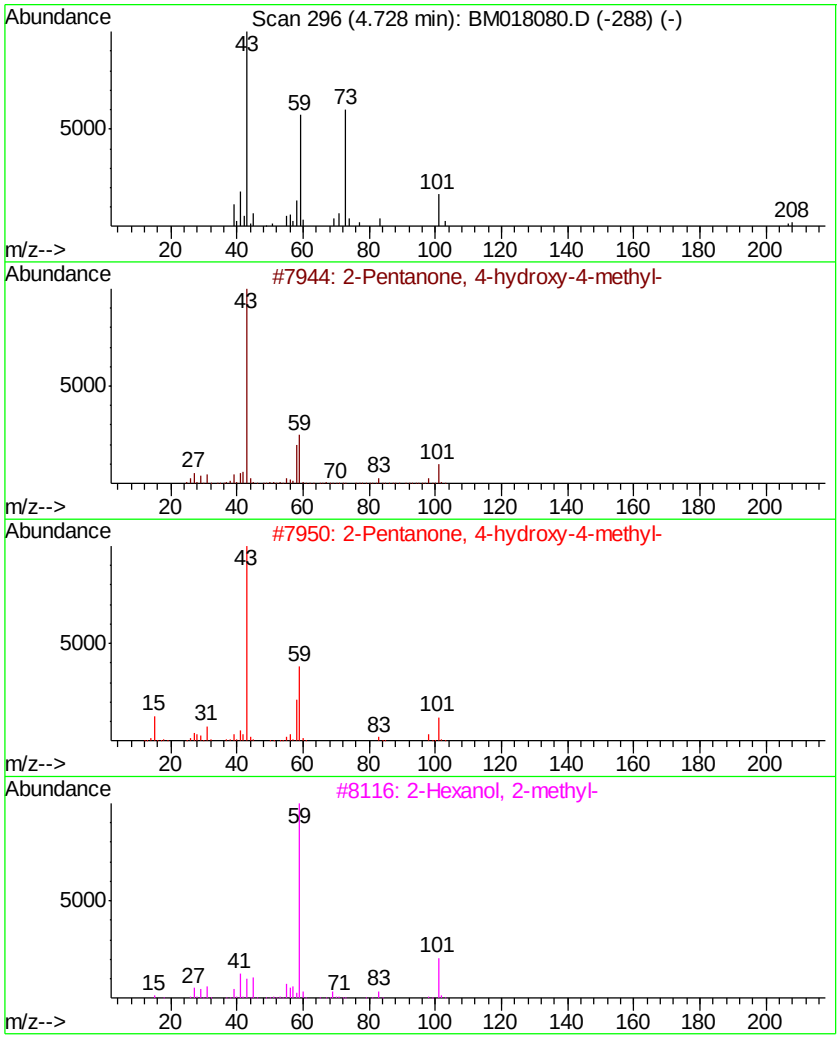
TIC Integration Parameters: LSCINT.P

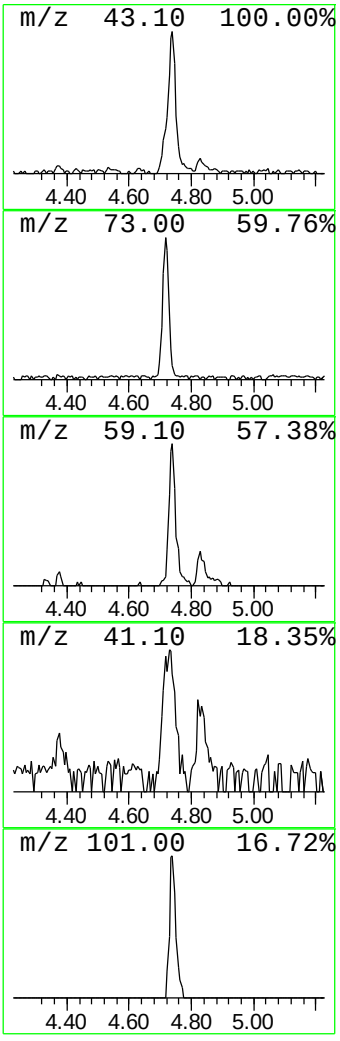
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	2.27 ng/ul	137832	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	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	28
5	2-Propanol, 1-iodo-2-methyl-	200	C4H9IO	023825-98-1	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Misc :
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Instrument : BNA_M
ClientSampleId : F9Y05

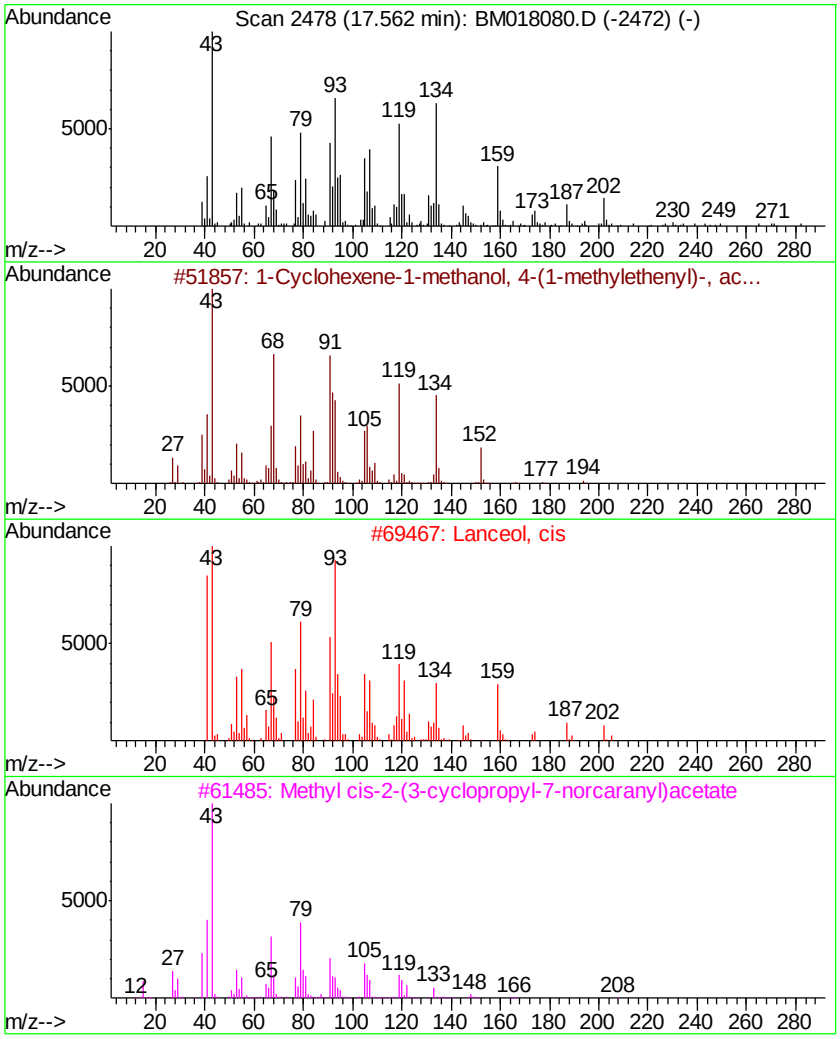
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

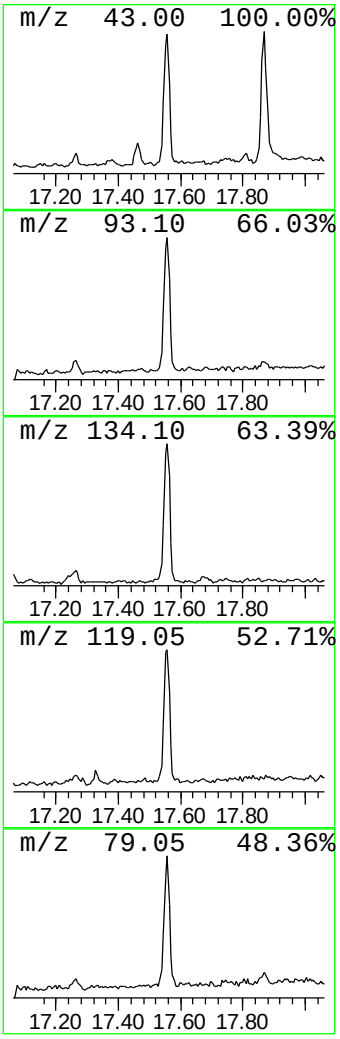
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Cyclohexene-1-methanol, 4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	5.00 ng/ul	661655	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene-1-methanol, 4-(1-m...	194	C12H18O2	015111-96-3	83
2	Lanceol, cis	220	C15H24O	010067-29-5	72
3	Methyl cis-2-(3-cyclopropyl-7-no...	208	C13H20O2	1000223-15-7	38
4	Tricyclo[3.3.1.1(3,7)]decane-1-c...	161	C11H15N	023074-42-2	35
5	5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018080.D
Acq On : 12 Dec 2018 05:05
Operator : JU/SJ
Sample : J6171-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y05

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

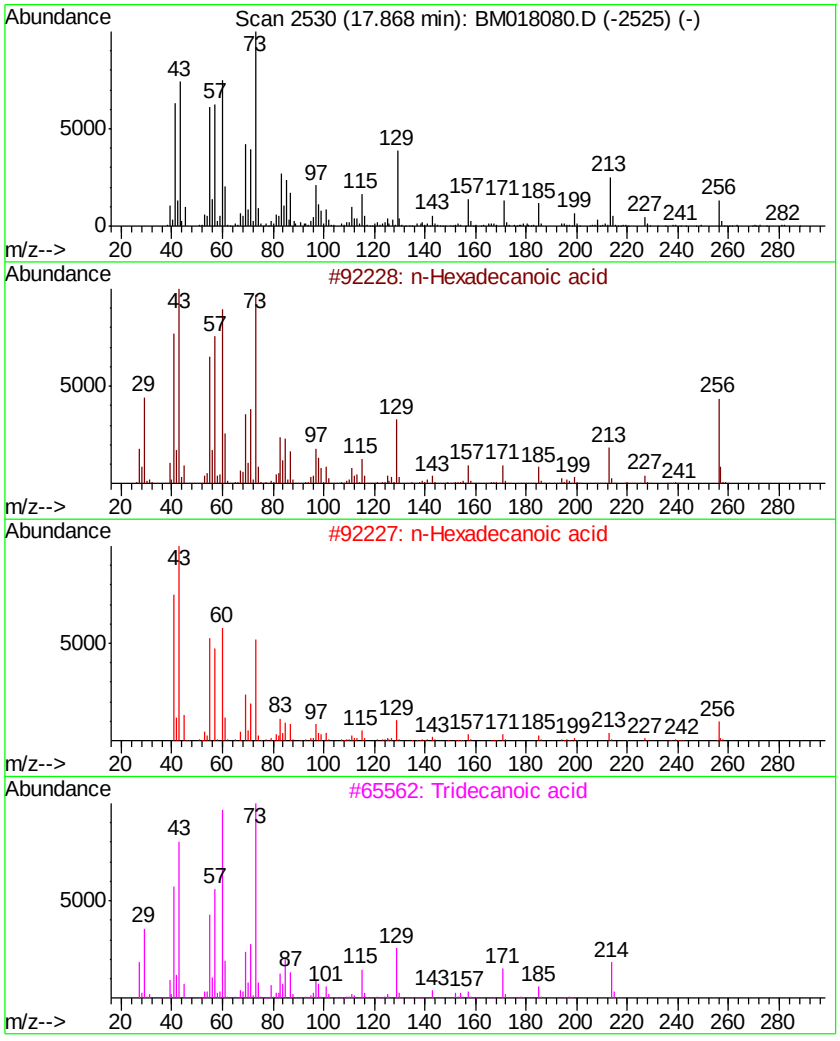
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

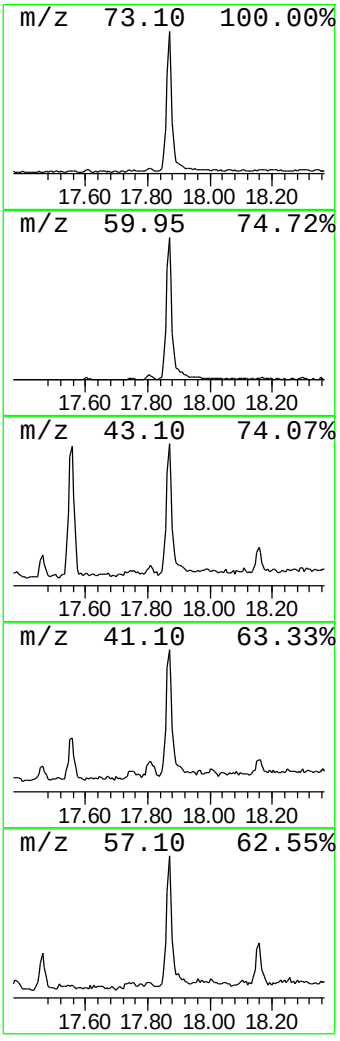
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	8.06 ng/ul	1067440	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	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Data File : BM018080.D
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y05

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

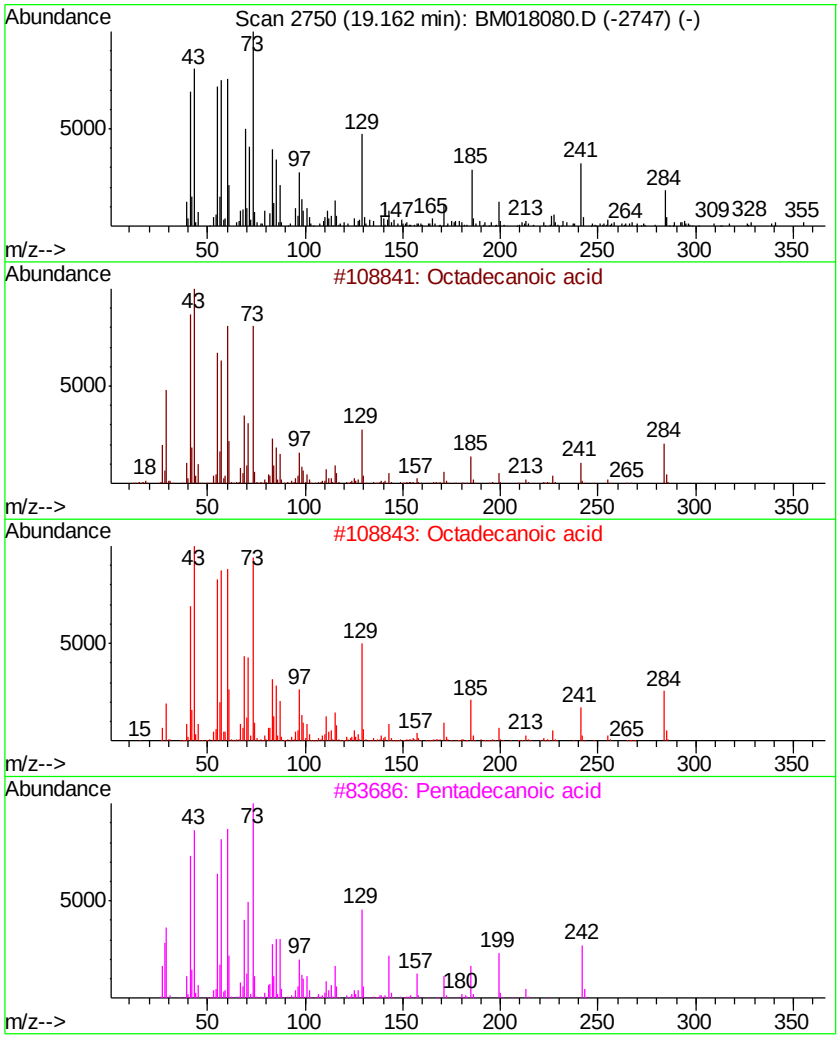
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

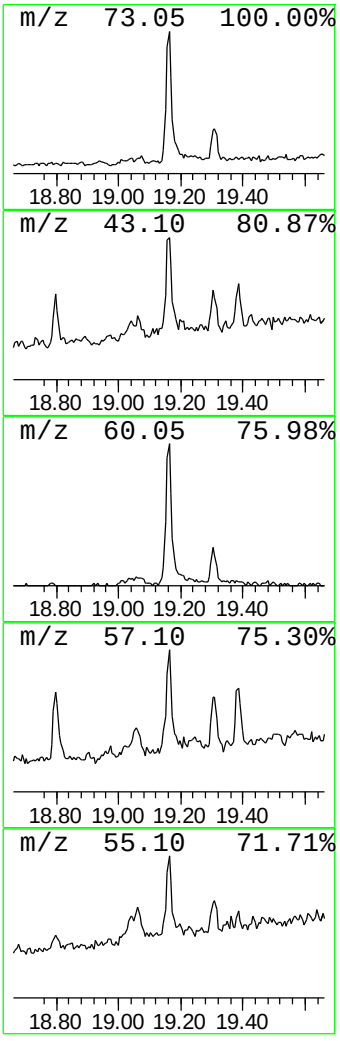
****

Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.35 ng/ul	366795	Chrysene-d12	21.17

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	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
Data File : BM018080.D
Acq On : 12 Dec 2018 05:05
Operator : JU/SJ
Sample : J6171-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9Y05

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	2.3	ng/ul	137832	1	7.55	1212600	20.0
1-Cyclohexene-1-m...	17.56	5.0	ng/ul	661655	4	16.96	2648800	20.0
n-Hexadecanoic acid	17.87	8.1	ng/ul	1067440	4	16.96	2648800	20.0
Octadecanoic acid	19.16	3.4	ng/ul	366795	5	21.17	2191990	20.0