LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030715.D
Acq On : 30 Jun 2021 21:18
Operator : CG/JU
Sample : M2853-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW7

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\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030715.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.263	27	30	36	rBV	18780	25413	0.77%	0.085%
2	3.575	80	83	87	rBV3	4340	7845	0.24%	0.026%
3	3.693	100	103	128	rBV	74189	190686	5.80%	0.638%
4	3.899	136	138	145	rVB6	4804	6865	0.21%	0.023%
5	3.993	150	154	158	rVB2	7907	10243	0.31%	0.034%
6	5.216	358	362	368	rBV	24216	35301	1.07%	0.118%
7	5.716	442	447	456	rVB6	1998	4279	0.13%	0.014%
8	5.840	464	468	477	rBV	28626	46857	1.42%	0.157%
9	6.798	626	631	635	rBV6	2022	4524	0.14%	0.015%
10	6.887	642	646	650	rBV5	2223	3447	0.10%	0.012%
11	6.945	650	656	665	rVV	103367	170324	5.18%	0.569%
12	7.116	678	685	698	rBV	386449	643774	19.57%	2.152%
13	7.310	711	718	728	rBV	413510	662952	20.15%	2.217%
14	7.422	735	737	745	rVB5	3589	5128	0.16%	0.017%
15	7.775	790	797	804	rBV	368341	598381	18.19%	2.001%
16	7.839	804	808	816	rVB	24873	39037	1.19%	0.131%
17	8.481	910	917	928	rBV	302806	507255	15.42%	1.696%
18	8.598	933	937	945	rVB	13100	22696	0.69%	0.076%
19	8.875	977	984	987	rBV3	20749	35230	1.07%	0.118%
20	8.933	987	994	1004	rVB	501689	837846	25.47%	2.801%
21	9.057	1012	1015	1018	rBV4	2142	3290	0.10%	0.011%
22	9.098	1018	1022	1031	rVB5	6089	14309	0.43%	0.048%
23	9.651	1109	1116	1128	rBV	413423	686890	20.88%	2.297%
24	9.828	1139	1146	1153	rBV3	10844	28098	0.85%	0.094%
25	9.910	1155	1160	1169	rVB7	3823	9060	0.28%	0.030%
26	10.075	1183	1188	1192	rBV3	9296	15030	0.46%	0.050%
27	10.186	1200	1207	1219	rBV	563643	976508	29.68%	3.265%
28	10.375	1230	1239	1246	rBV5	11663	32722	0.99%	0.109%
29	10.433	1246	1249	1252	rVB2	4012	5067	0.15%	0.017%
30	10.475	1252	1256	1259	rBV7	3502	5582	0.17%	0.019%
31	10.563	1264	1271	1278	rVV	535249	877053	26.66%	2.932%
32	10.622	1278	1281	1286	rVB3	8287	12425	0.38%	0.042%
33	10.704	1288	1295	1311	rBV	480812	895691	27.22%	2.995%
34	11.227	1380	1384	1391	rBV2	5349	7654	0.23%	0.026%
35	11.369	1404	1408	1419	rBV5	5648	13851	0.42%	0.046%
36	11.857	1486	1491	1499	rVB5	7739	14167	0.43%	0.047%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030715.D
Acq On : 30 Jun 2021 21:18
Operator : CG/JU
Sample : M2853-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW7

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\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

37	12.151	1537	1541	1548	rVB2	9398	16484	0.50%	0.055%
38	12.398	1578	1583	1589	rVV	30376	46221	1.40%	0.155%
39	12.692	1629	1633	1638	rBV7	3474	7184	0.22%	0.024%
40	12.763	1638	1645	1650	rVB2	12719	20525	0.62%	0.069%
41	13.016	1683	1688	1694	rVB2	22382	31388	0.95%	0.105%
42	13.251	1722	1728	1732	rVV4	6283	10727	0.33%	0.036%
43	13.345	1739	1744	1756	rVB5	7949	20108	0.61%	0.067%
44	13.821	1818	1825	1835	rBV	1157677	1678278	51.01%	5.611%
45	14.098	1860	1872	1885	rBV	1386757	1991053	60.52%	6.657%
46	14.410	1918	1925	1934	rBV	824099	1226068	37.27%	4.099%
47	14.492	1935	1939	1944	rVB	10683	14736	0.45%	0.049%
48	14.615	1954	1960	1977	rBV	48785	131737	4.00%	0.440%
49	14.827	1990	1996	2001	rBV2	12076	18052	0.55%	0.060%
50	15.004	2021	2026	2031	rVB	6746	9832	0.30%	0.033%
51	15.086	2036	2040	2044	rVV	10243	14822	0.45%	0.050%
52	15.121	2044	2046	2051	rVB3	4026	5468	0.17%	0.018%
53	15.221	2056	2063	2069	rBV3	11357	25861	0.79%	0.086%
54	15.398	2087	2093	2107	rVB	1753501	2543840	77.32%	8.505%
55	15.521	2108	2114	2128	rVV	534355	766796	23.31%	2.564%
56	15.639	2130	2134	2140	rVB2	21403	29808	0.91%	0.100%
57	15.762	2150	2155	2161	rBV	12126	16663	0.51%	0.056%
58	16.180	2223	2226	2231	rBV6	5715	7973	0.24%	0.027%
59	16.239	2231	2236	2239	rBV4	2514	4311	0.13%	0.014%
60	16.292	2241	2245	2249	rVV5	3203	4525	0.14%	0.015%
61	16.557	2288	2290	2297	rVV6	2960	4414	0.13%	0.015%
62	16.633	2297	2303	2307	rVB4	2139	3656	0.11%	0.012%
63	16.751	2318	2323	2325	rBV4	3437	4314	0.13%	0.014%
64	17.145	2384	2390	2399	rVB	976677	1367049	41.55%	4.571%
65	17.245	2400	2407	2423	rVV	2045933	2836898	86.23%	9.485%
66	17.433	2434	2439	2444	rVB	5959	8665	0.26%	0.029%
67	17.815	2498	2504	2509	rBV	310897	390247	11.86%	1.305%
68	18.039	2537	2542	2551	rBV	234921	349047	10.61%	1.167%
69	18.109	2551	2554	2557	rVB	21146	25833	0.79%	0.086%
70	18.286	2582	2584	2588	rVB4	5947	6557	0.20%	0.022%
71	18.621	2638	2641	2645	rBV6	3515	4343	0.13%	0.015%
72	18.827	2673	2676	2679	rBV4	3400	4494	0.14%	0.015%
73	18.898	2685	2688	2692	rBV5	5275	5780	0.18%	0.019%
74	19.168	2730	2734	2738	rBV	25501	37308	1.13%	0.125%
75	19.315	2754	2759	2772	rBV	158869	250651	7.62%	0.838%
76	19.421	2773	2777	2781	rVB	18840	29738	0.90%	0.099%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030715.D
Acq On : 30 Jun 2021 21:18
Operator : CG/JU
Sample : M2853-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW7

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\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

77	19.533	2790	2796	2802	rBV	2478177	3289998	100.00%	11.000%
78	21.021	3045	3049	3056	rBV2	75333	107265	3.26%	0.359%
79	21.315	3094	3099	3107	rBV	1007184	1293823	39.33%	4.326%
80	23.421	3450	3457	3469	rVB	1374755	2663588	80.96%	8.905%
81	23.562	3475	3481	3489	rVB	592151	1128216	34.29%	3.772%

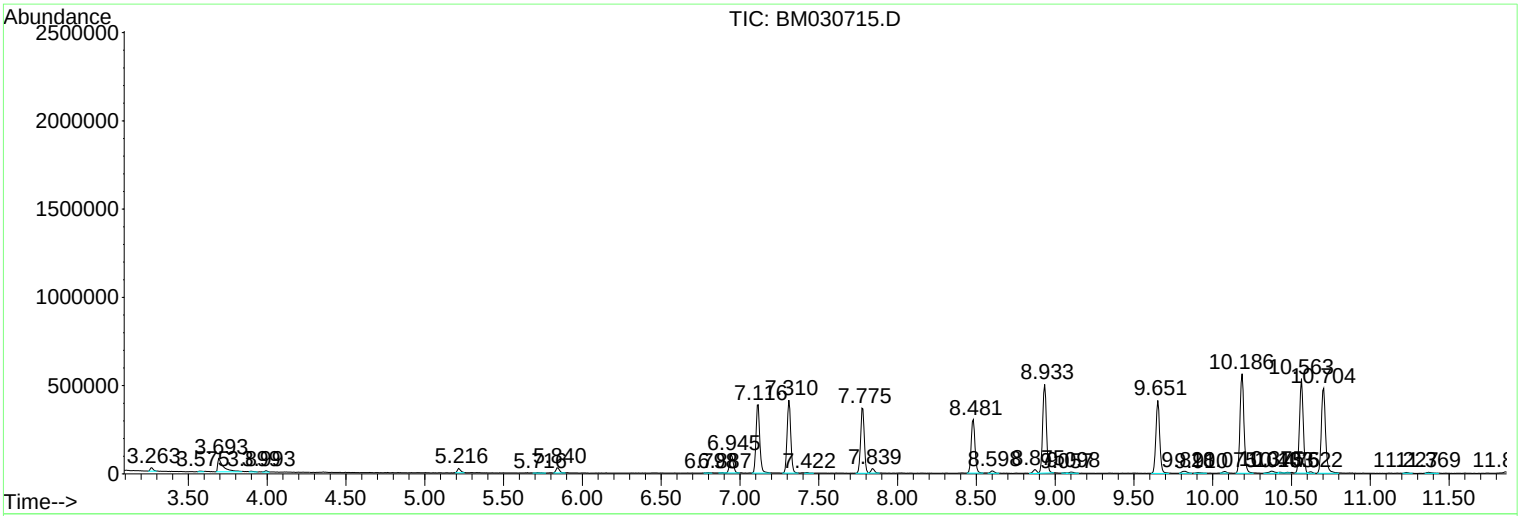
Sum of corrected areas: 29909824

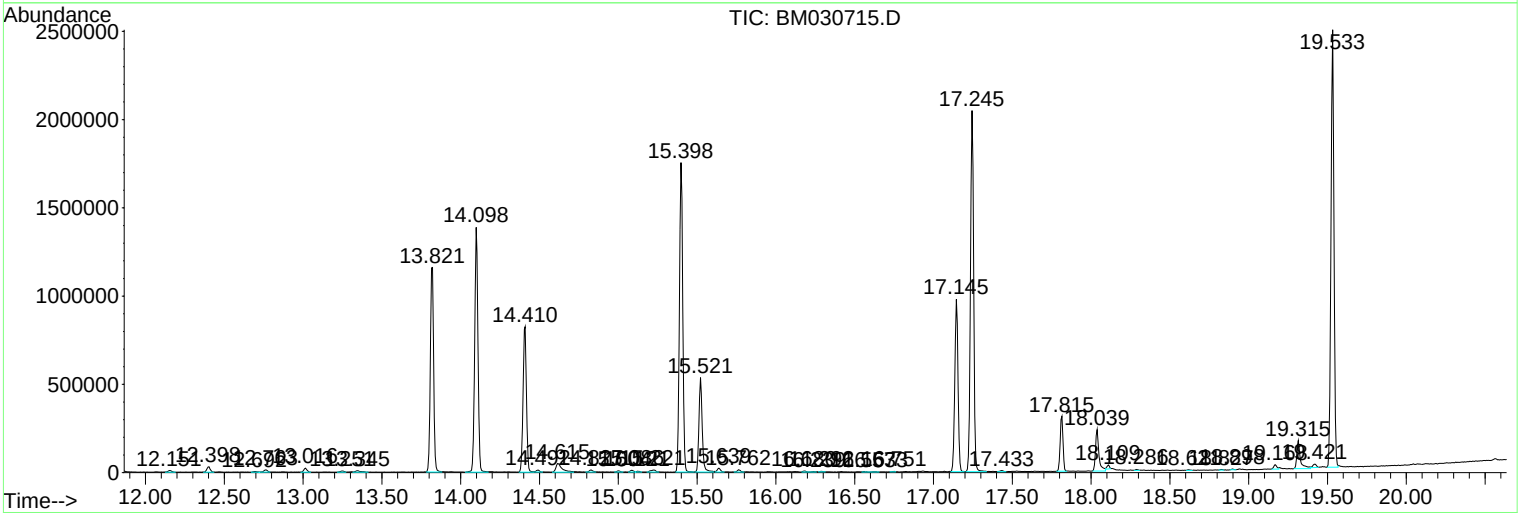
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030715.D
Acq On : 30 Jun 2021 21:18
Operator : CG/JU
Sample : M2853-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

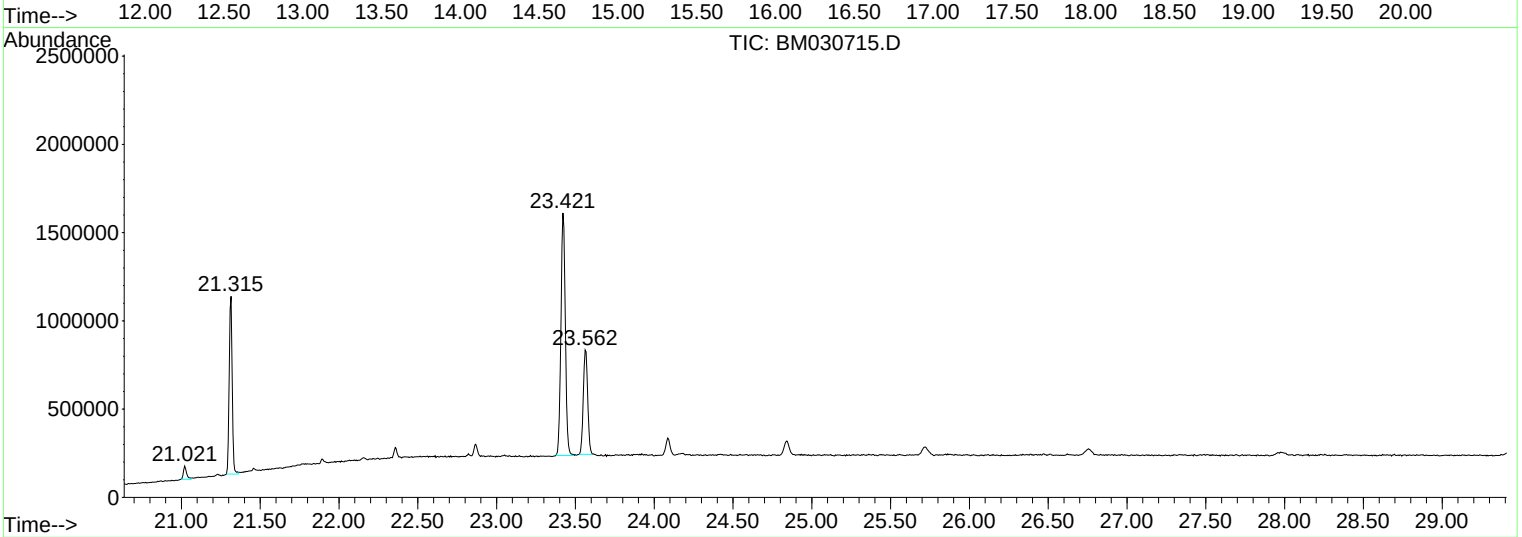
Instrument :
BNA_M
ClientSampleId :
C0AW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030715.D
Acq On : 30 Jun 2021 21:18
Operator : CG/JU
Sample : M2853-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AW7

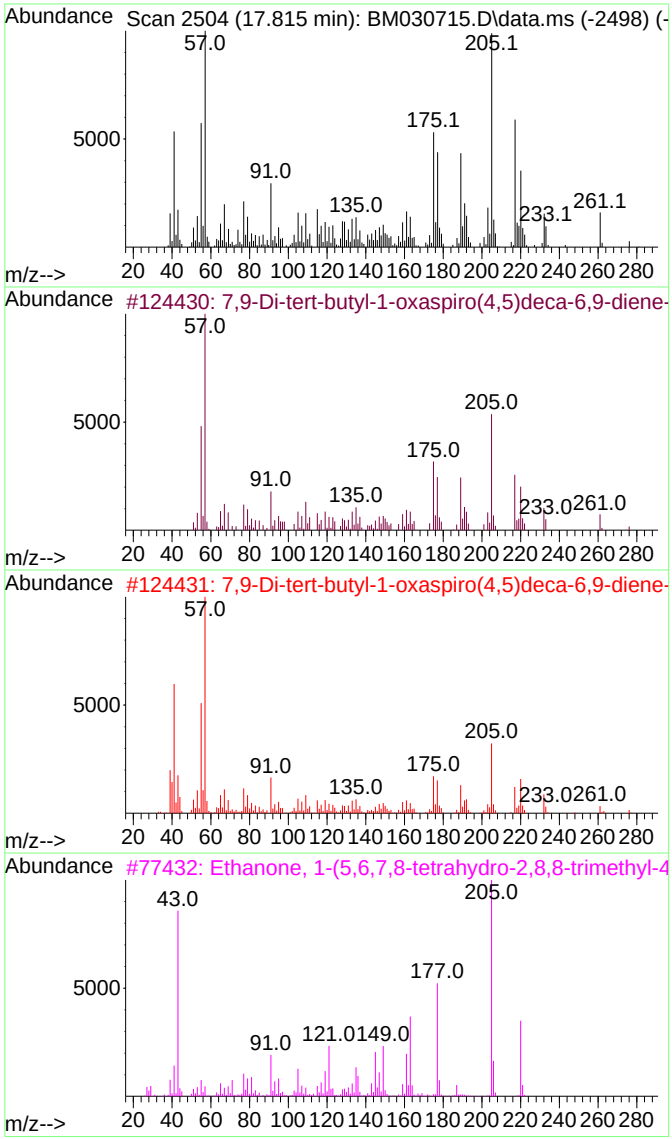
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

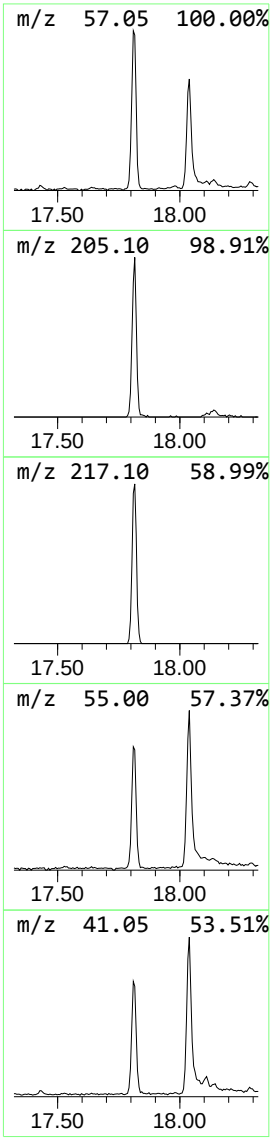
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.820	5.71 ng/ul	390247	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030715.D
Acq On : 30 Jun 2021 21:18
Operator : CG/JU
Sample : M2853-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

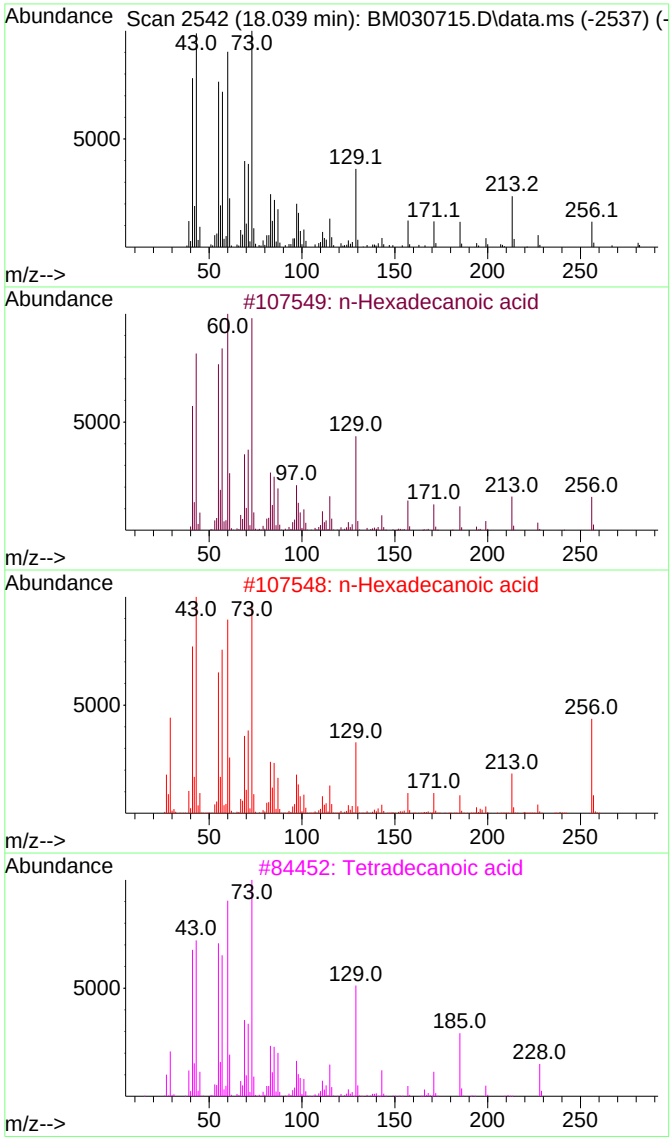
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

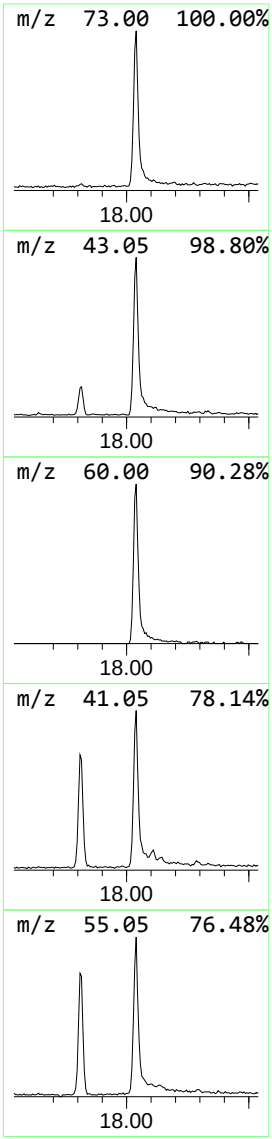
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.040	5.11 ng/ul	349047	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030715.D
Acq On : 30 Jun 2021 21:18
Operator : CG/JU
Sample : M2853-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

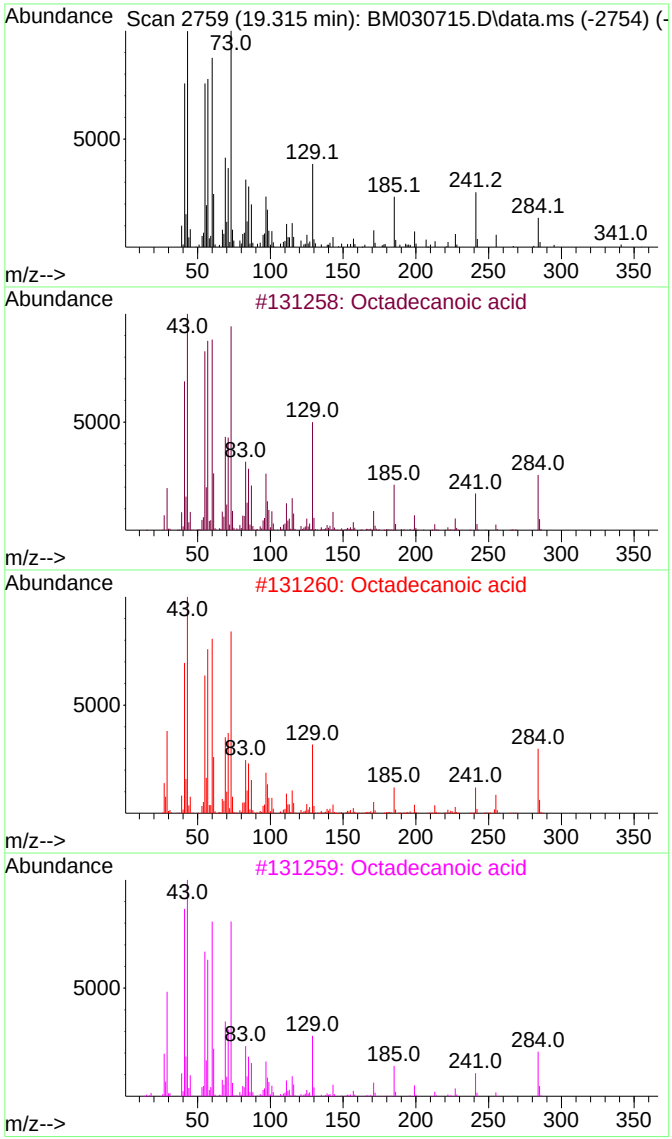
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

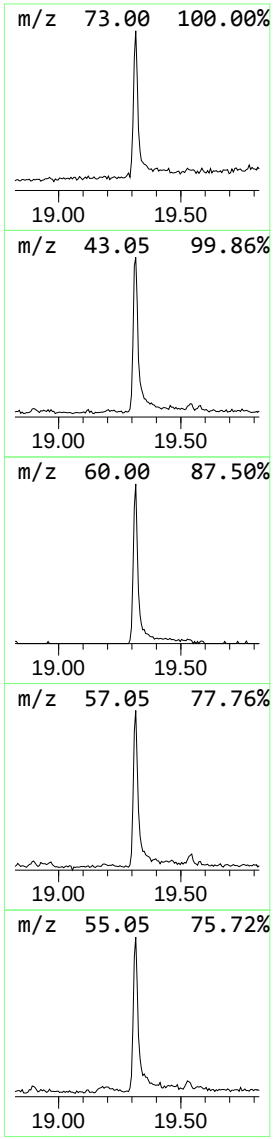
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.320	3.87 ng/ul	250651	Chrysene-d12	21.315

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030715.D
Acq On : 30 Jun 2021 21:18
Operator : CG/JU
Sample : M2853-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AW7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.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
7,9-Di-tert-but...	17.820	5.7	ng/ul	390247	4	17.145	1367050	20.0
n-Hexadecanoic ...	18.040	5.1	ng/ul	349047	4	17.145	1367050	20.0
Octadecanoic acid	19.320	3.9	ng/ul	250651	5	21.315	1293820	20.0