LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044662.D
Acq On : 19 Mar 2024 13:56
Operator : MA/JU
Sample : P1787-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E0776

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-BM030524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM044662.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.257	25	29	38	rVB	46914	67614	2.08%	0.162%
2	3.522	71	74	86	rBV	37099	68119	2.10%	0.164%
3	3.652	93	96	112	rBV	525099	834351	25.69%	2.003%
4	3.863	130	132	136	rVB4	8054	9577	0.29%	0.023%
5	3.957	146	148	153	rVB3	11437	14239	0.44%	0.034%
6	4.316	200	209	216	rBV2	49756	84012	2.59%	0.202%
7	4.463	229	234	240	rVB	84892	117642	3.62%	0.282%
8	4.875	302	304	311	rVB7	3933	6549	0.20%	0.016%
9	5.234	361	365	370	rVB3	14470	21438	0.66%	0.051%
10	5.787	455	459	462	rBV6	3889	6444	0.20%	0.015%
11	6.698	606	614	625	rBV4	17176	50619	1.56%	0.122%
12	6.869	636	643	658	rBV	691480	1157157	35.63%	2.778%
13	7.045	667	673	685	rVB	595007	932314	28.71%	2.238%
14	7.228	694	704	716	rBV	698958	1107805	34.11%	2.659%
15	7.398	729	733	738	rVB6	10345	16867	0.52%	0.040%
16	7.692	777	783	790	rBV	532526	861367	26.52%	2.068%
17	8.275	877	882	885	rBV7	5156	10128	0.31%	0.024%
18	8.304	885	887	892	rVB5	5209	7815	0.24%	0.019%
19	8.398	895	903	915	rBV	859964	1373088	42.28%	3.296%
20	8.851	972	980	993	rBV	625916	1075599	33.12%	2.582%
21	9.016	1002	1008	1018	rVB2	42528	71270	2.19%	0.171%
22	9.234	1040	1045	1050	rVB4	9551	15586	0.48%	0.037%
23	9.569	1094	1102	1115	rBV	515246	863910	26.60%	2.074%
24	9.810	1137	1143	1150	rBV9	8007	18343	0.56%	0.044%
25	9.904	1154	1159	1161	rBV3	2601	4320	0.13%	0.010%
26	10.004	1172	1176	1177	rBV2	4379	4799	0.15%	0.012%
27	10.098	1185	1192	1206	rBV	763338	1316052	40.52%	3.159%
28	10.263	1215	1220	1225	rVB5	10069	16741	0.52%	0.040%
29	10.475	1246	1256	1265	rVB	703541	1166921	35.93%	2.801%
30	10.622	1271	1281	1296	rBV	646397	1213060	37.35%	2.912%
31	10.798	1309	1311	1317	rVB6	3519	5212	0.16%	0.013%
32	10.910	1325	1330	1335	rVB8	3106	7351	0.23%	0.018%
33	11.016	1341	1348	1352	rBV10	3857	7412	0.23%	0.018%
34	11.186	1371	1377	1384	rBV8	6681	14937	0.46%	0.036%
35	11.275	1387	1392	1401	rBV2	25850	51880	1.60%	0.125%
36	11.433	1413	1419	1425	rBV6	19028	33680	1.04%	0.081%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044662.D
Acq On : 19 Mar 2024 13:56
Operator : MA/JU
Sample : P1787-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0776

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-BM030524.MA.M
Title : SVOA CALIBRATION

37	11.916	1495	1501	1509	rVB4	9850	21247	0.65%	0.051%
38	11.992	1509	1514	1519	rVB7	4925	8712	0.27%	0.021%
39	12.075	1519	1528	1532	rBV2	13563	23695	0.73%	0.057%
40	12.245	1550	1557	1562	rBV2	16296	29608	0.91%	0.071%
41	12.610	1614	1619	1628	rBV8	10864	25207	0.78%	0.061%
42	12.798	1643	1651	1659	rBV7	11128	22551	0.69%	0.054%
43	12.863	1660	1662	1669	rVB6	3424	5593	0.17%	0.013%
44	13.163	1709	1713	1718	rVB4	7401	11544	0.36%	0.028%
45	13.239	1718	1726	1733	rVV	38738	67784	2.09%	0.163%
46	13.304	1733	1737	1744	rVB7	4678	8283	0.26%	0.020%
47	13.763	1808	1815	1824	rBV	1254241	1729501	53.25%	4.152%
48	13.821	1824	1825	1829	rVV4	7596	8889	0.27%	0.021%
49	13.869	1831	1833	1838	rVB5	3898	4967	0.15%	0.012%
50	14.033	1849	1861	1873	rBV	1465315	2181376	67.16%	5.237%
51	14.245	1893	1897	1903	rBV3	11526	14948	0.46%	0.036%
52	14.339	1907	1913	1922	rBV	933191	1391425	42.84%	3.340%
53	14.557	1942	1950	1969	rBV	406323	847082	26.08%	2.034%
54	14.774	1982	1987	1997	rVB10	11654	25133	0.77%	0.060%
55	14.863	2000	2002	2008	rVV7	4450	6767	0.21%	0.016%
56	15.080	2037	2039	2043	rBV5	2984	4612	0.14%	0.011%
57	15.157	2047	2052	2054	rVV2	3705	6400	0.20%	0.015%
58	15.204	2054	2060	2064	rVB4	12464	18768	0.58%	0.045%
59	15.339	2076	2083	2094	rBV	1889079	2669664	82.20%	6.409%
60	15.468	2098	2105	2118	rVV	517064	755035	23.25%	1.813%
61	15.586	2120	2125	2126	rVV4	7625	10548	0.32%	0.025%
62	15.610	2126	2129	2135	rVB6	7886	11337	0.35%	0.027%
63	15.768	2152	2156	2158	rBV4	4023	4470	0.14%	0.011%
64	15.910	2177	2180	2183	rBV5	4080	5539	0.17%	0.013%
65	16.068	2203	2207	2214	rBV4	13664	30592	0.94%	0.073%
66	16.133	2214	2218	2224	rVB4	9072	12936	0.40%	0.031%
67	16.245	2233	2237	2241	rVB6	4358	6650	0.20%	0.016%
68	16.510	2279	2282	2290	rBV7	13398	20805	0.64%	0.050%
69	16.651	2301	2306	2309	rBV7	3873	5136	0.16%	0.012%
70	16.821	2331	2335	2339	rBV7	4002	8505	0.26%	0.020%
71	16.868	2339	2343	2348	rBV3	14650	21377	0.66%	0.051%
72	17.033	2369	2371	2374	rVB4	5074	5145	0.16%	0.012%
73	17.098	2374	2382	2392	rBV	1079864	1554175	47.85%	3.731%
74	17.198	2392	2399	2410	rBV	1870917	2711626	83.49%	6.510%
75	17.286	2410	2414	2415	rBV4	6568	8936	0.28%	0.021%
76	17.398	2430	2433	2437	rVB5	5357	7259	0.22%	0.017%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044662.D
Acq On : 19 Mar 2024 13:56
Operator : MA/JU
Sample : P1787-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0776

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-BM030524.MA.M
Title : SVOA CALIBRATION

77	17.492	2442	2449	2458	rBV2	59703	109954	3.39%	0.264%
78	17.604	2465	2468	2474	rVB2	13344	14990	0.46%	0.036%
79	17.780	2494	2498	2503	rVB5	12157	18971	0.58%	0.046%
80	17.880	2511	2515	2521	rBV8	10234	18868	0.58%	0.045%
81	18.009	2531	2537	2547	rBV	427461	672827	20.72%	1.615%
82	18.304	2584	2587	2590	rVB3	16990	18987	0.58%	0.046%
83	18.439	2606	2610	2615	rBV	88205	102628	3.16%	0.246%
84	18.680	2649	2651	2654	rBV4	5536	5566	0.17%	0.013%
85	18.939	2693	2695	2699	rVB4	15742	16548	0.51%	0.040%
86	18.992	2701	2704	2710	rVB	22150	29293	0.90%	0.070%
87	19.062	2712	2716	2720	rBV4	24820	37331	1.15%	0.090%
88	19.151	2724	2731	2732	rBV4	96900	141098	4.34%	0.339%
89	19.180	2732	2736	2751	rVV2	554933	1072646	33.03%	2.575%
90	19.298	2751	2756	2768	rVB	381764	560553	17.26%	1.346%
91	19.498	2784	2790	2798	rVB	2336563	3240197	99.76%	7.779%
92	20.062	2883	2886	2890	rVB2	51552	57714	1.78%	0.139%
93	20.386	2936	2941	2959	rBV	735214	1034900	31.86%	2.484%
94	20.562	2967	2971	2975	rBV3	68142	82768	2.55%	0.199%
95	21.027	3046	3050	3060	rBV	355524	502504	15.47%	1.206%
96	21.292	3090	3095	3105	rBV2	1260126	1735244	53.43%	4.166%
97	21.468	3122	3125	3133	rVB	75730	84829	2.61%	0.204%
98	21.909	3197	3200	3207	rBV3	62863	87563	2.70%	0.210%
99	23.397	3447	3453	3461	rVB2	1796515	3247859	100.00%	7.797%
100	23.539	3471	3477	3488	rVB	941115	1813625	55.84%	4.354%

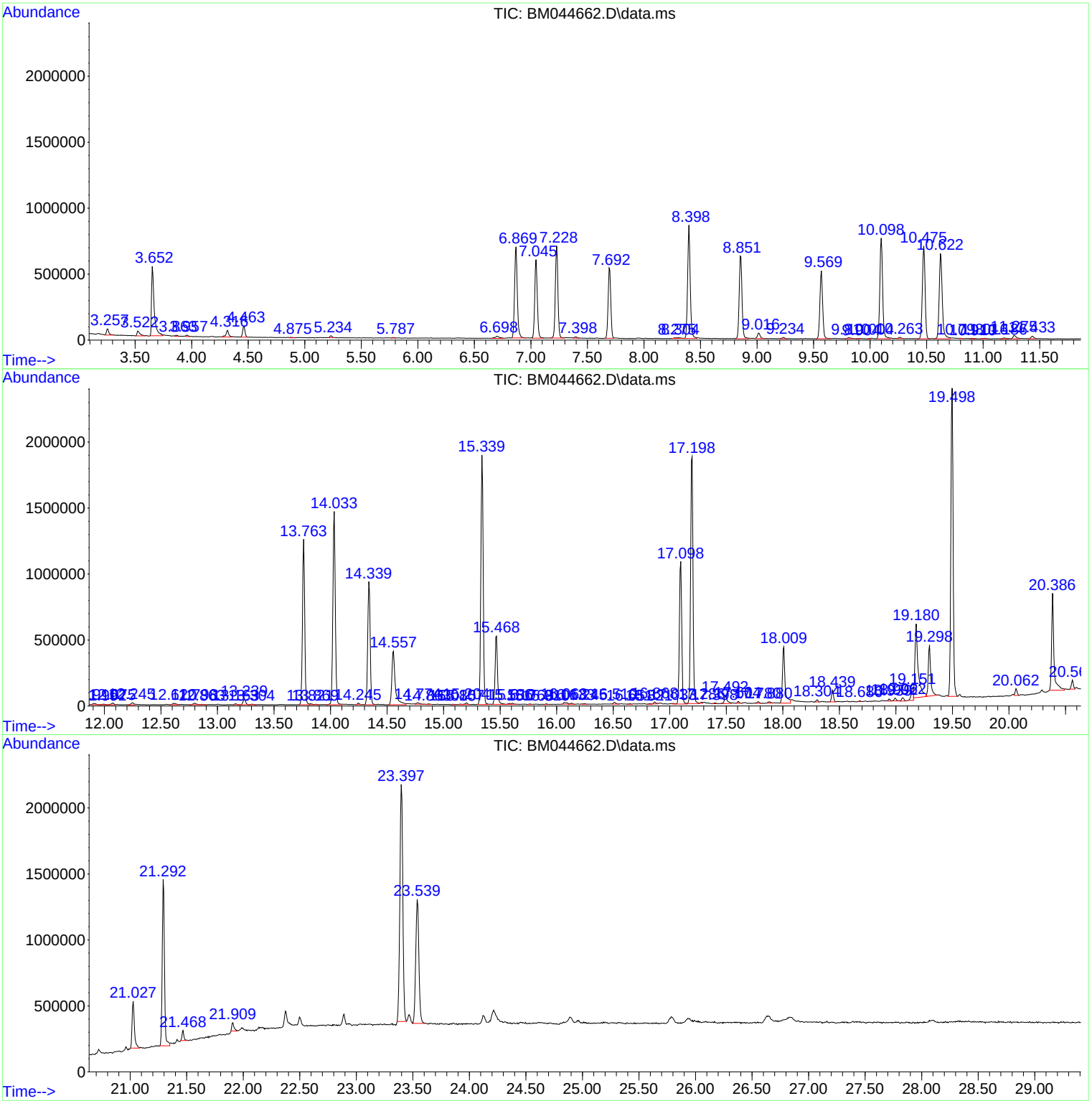
Sum of corrected areas: 41655508

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044662.D
Acq On : 19 Mar 2024 13:56
Operator : MA/JU
Sample : P1787-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044662.D
Acq On : 19 Mar 2024 13:56
Operator : MA/JU
Sample : P1787-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

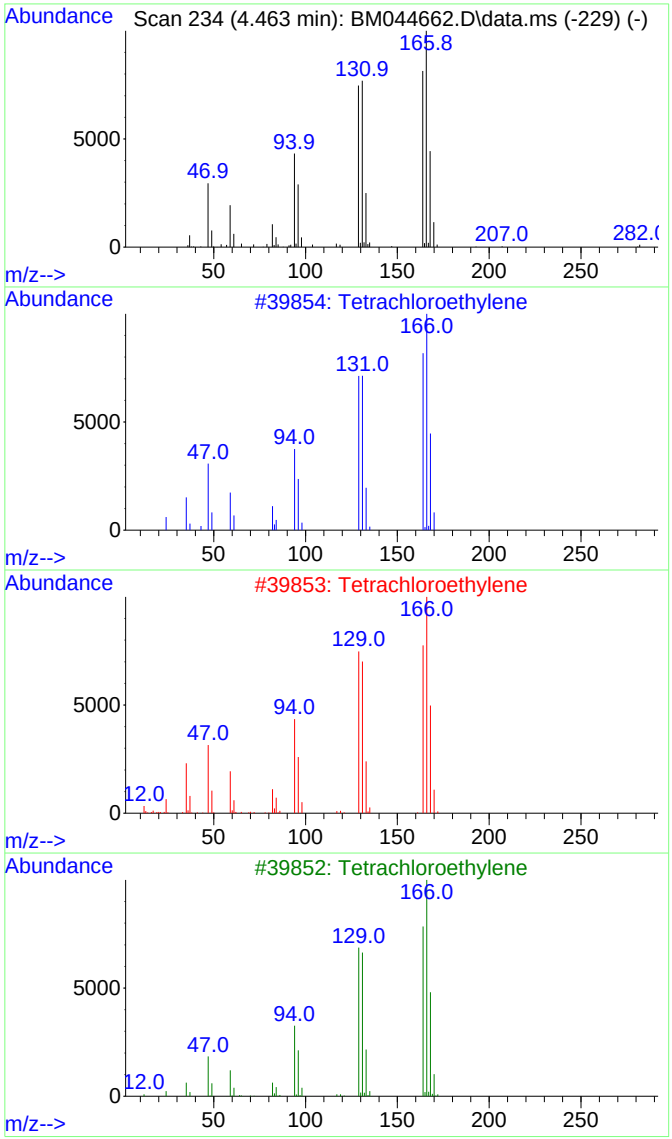
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

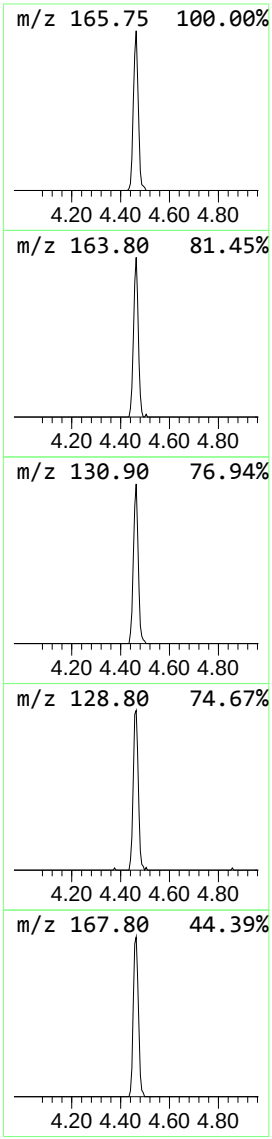
****

Peak Number 1 Tetrachloroethylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.463	2.73 ng/ul	117642	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044662.D
Acq On : 19 Mar 2024 13:56
Operator : MA/JU
Sample : P1787-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0776

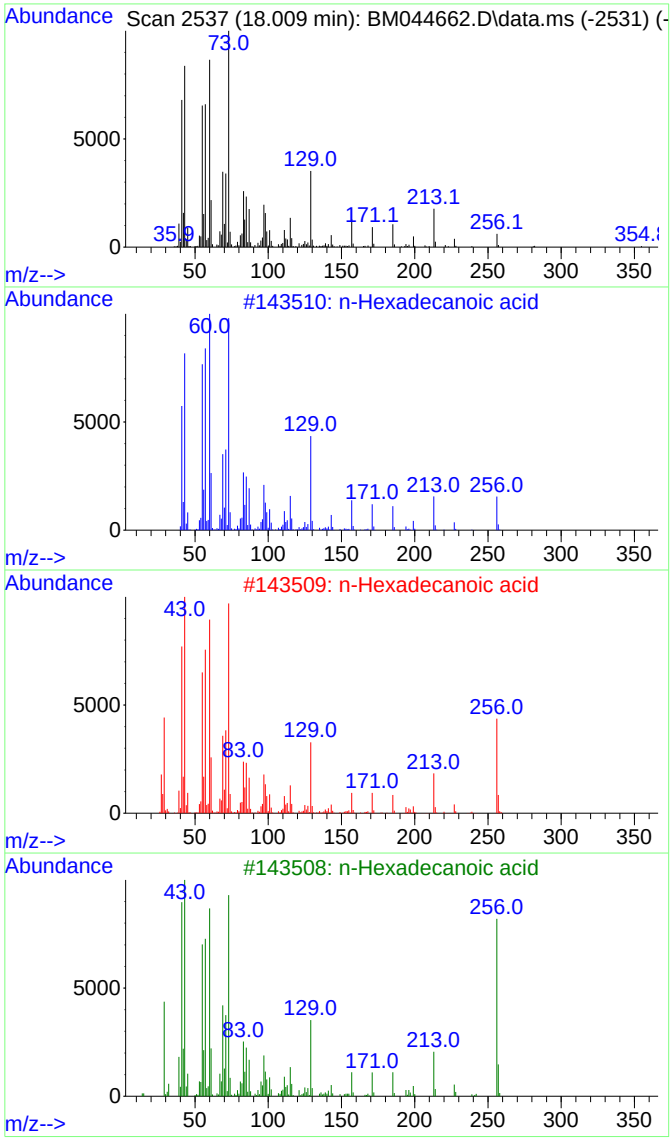
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

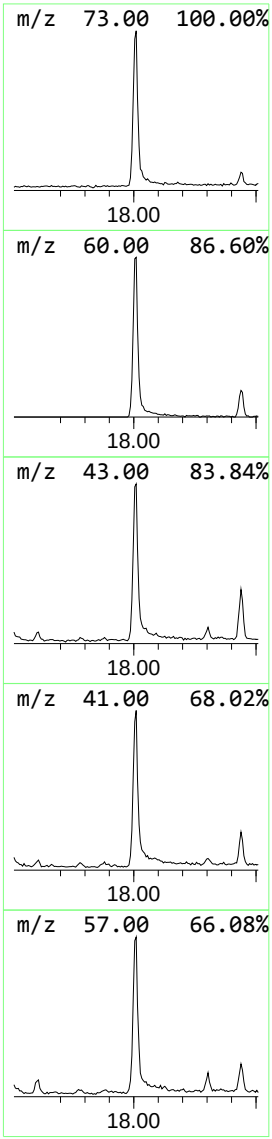
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.009	8.66 ng/ul	672827	Phenanthrene-d10	17.098

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044662.D
Acq On : 19 Mar 2024 13:56
Operator : MA/JU
Sample : P1787-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0776

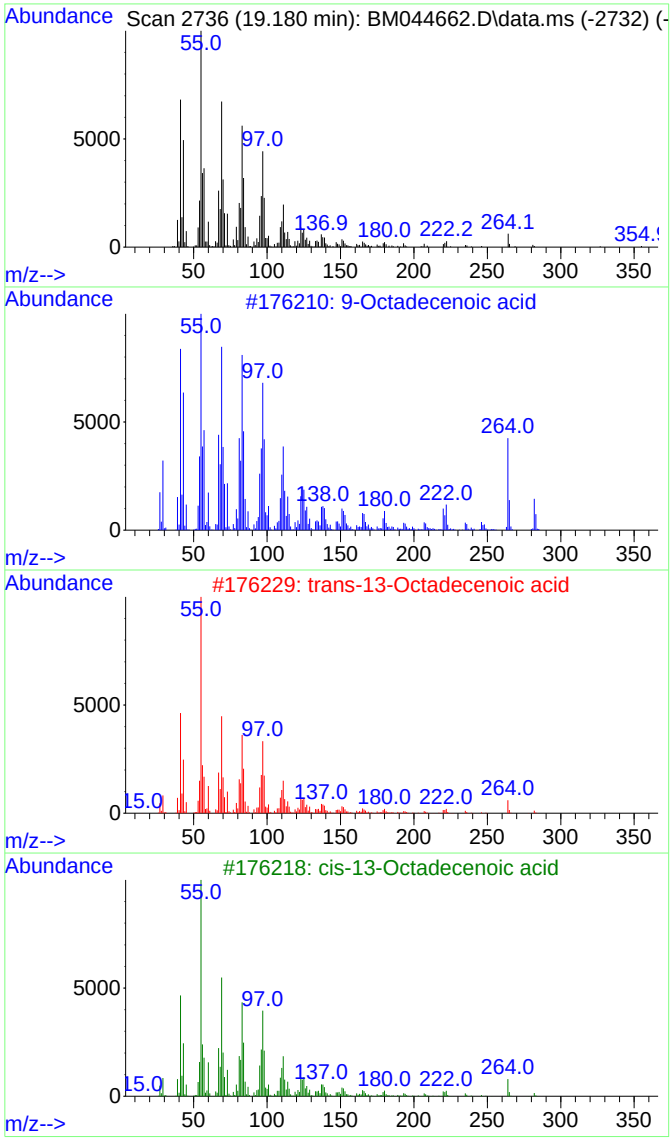
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

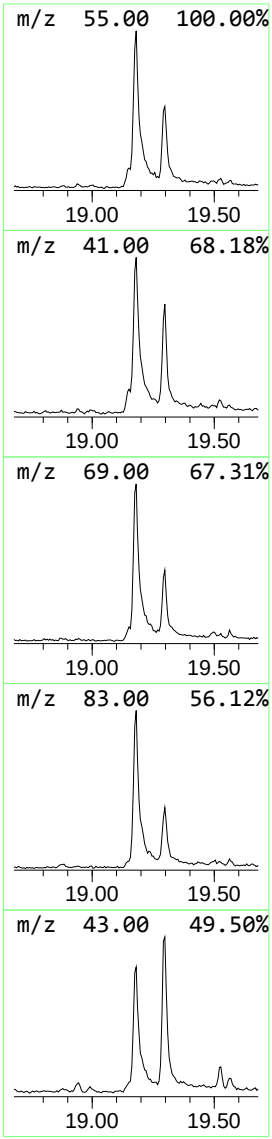
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9-Octadecenoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	13.80 ng/ul	1072650	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid	282	C18H34O2	002027-47-6	99
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	98
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	95
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
5	Oleic Acid	282	C18H34O2	000112-80-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044662.D
Acq On : 19 Mar 2024 13:56
Operator : MA/JU
Sample : P1787-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

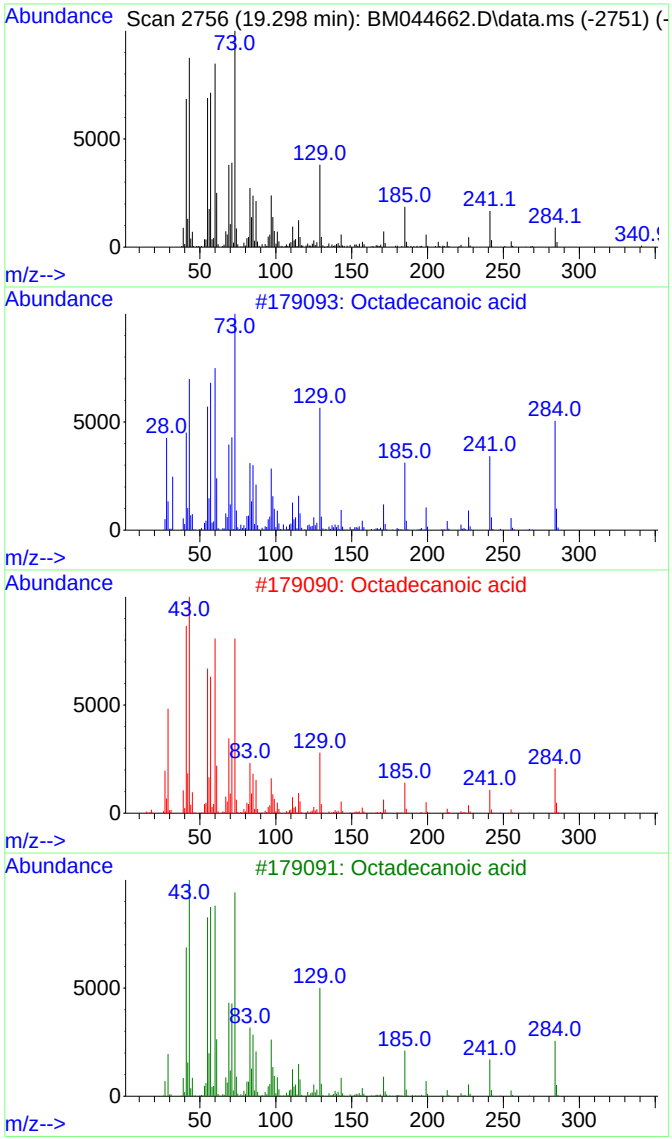
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

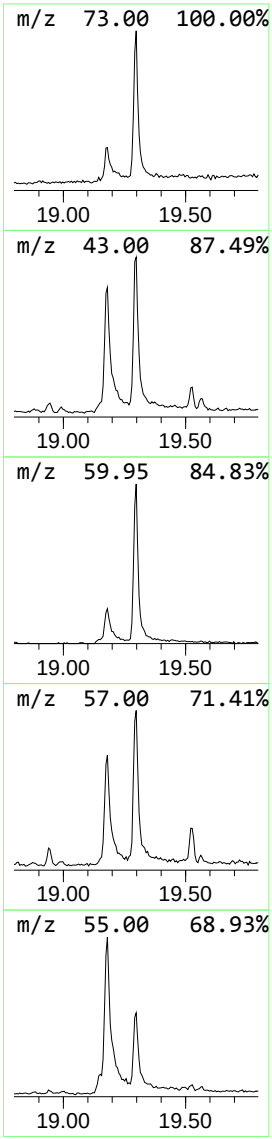
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	6.46 ng/ul	560553	Chrysene-d12	21.292

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	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044662.D
Acq On : 19 Mar 2024 13:56
Operator : MA/JU
Sample : P1787-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0776

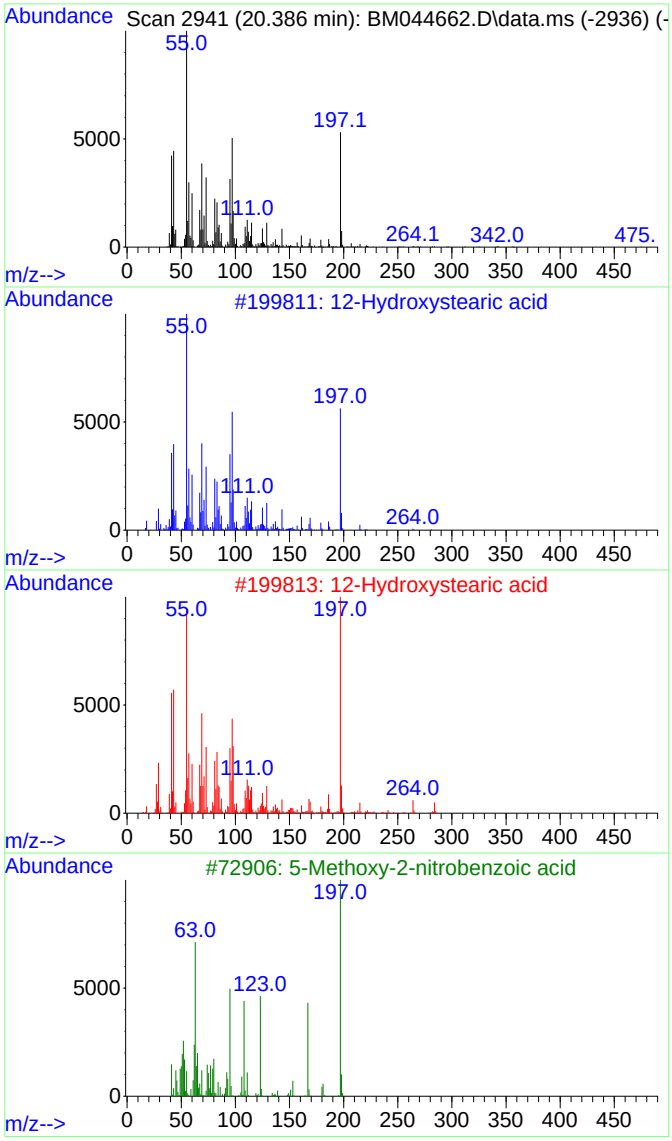
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

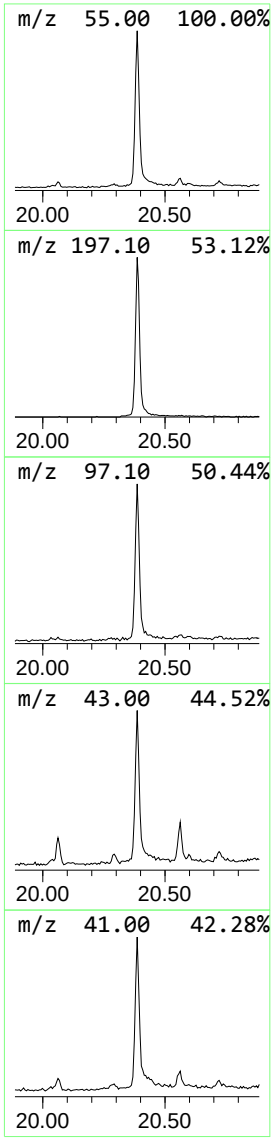
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 12-Hydroxystearic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.386	11.93 ng/ul	1034900	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Hydroxystearic acid	300	C18H36O3	000106-14-9	94
2	12-Hydroxystearic acid	300	C18H36O3	000106-14-9	47
3	5-Methoxy-2-nitrobenzoic acid	197	C8H7NO5	001882-69-5	27
4	4-Heptanol, 4-propyl-	158	C10H22O	002198-72-3	22
5	7-Bromo-1-heptanol, TMS derivative	266	C10H23BrOSi	1000364-14-1	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044662.D
Acq On : 19 Mar 2024 13:56
Operator : MA/JU
Sample : P1787-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0776

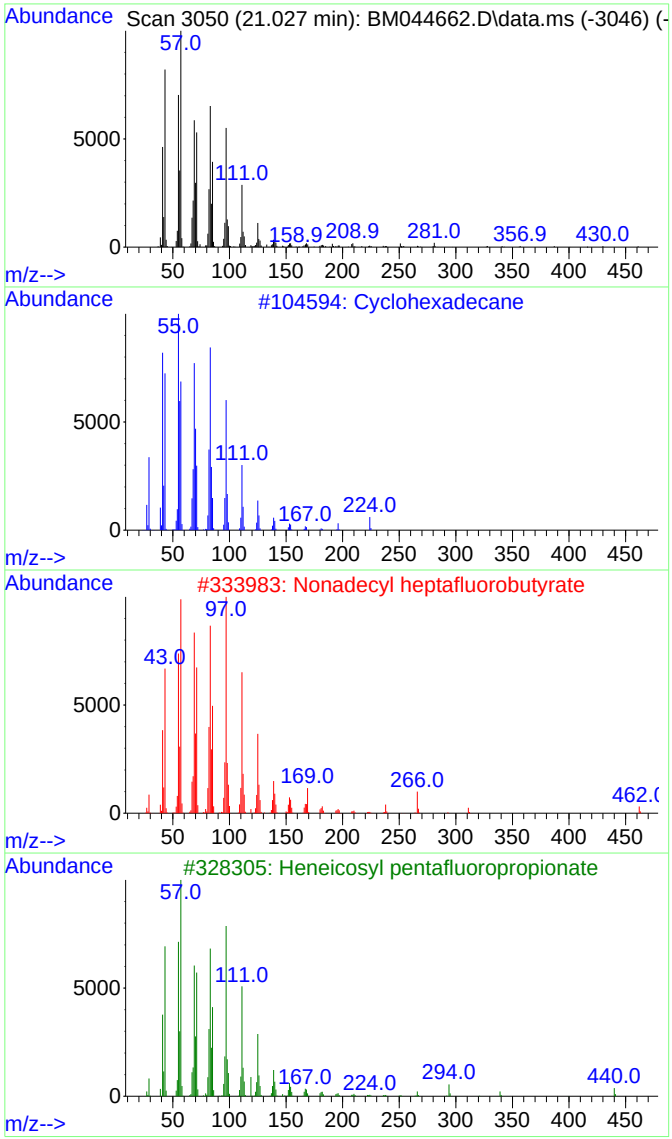
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

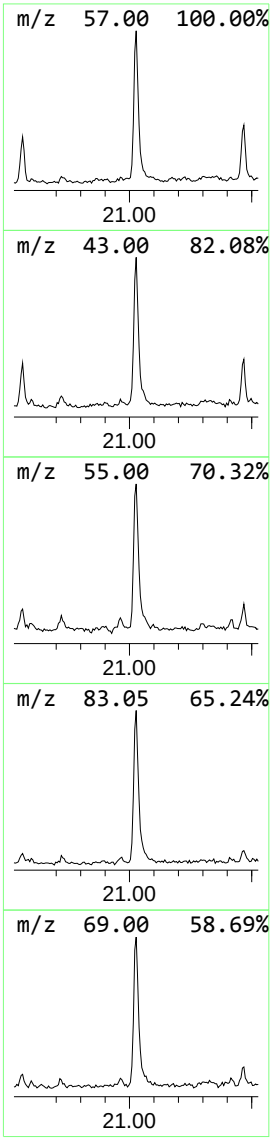
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic21.027 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.027	5.79 ng/ul	502504	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
3	Heneicosyl pentafluoropropionate	458	C24H43F5O2	1000351-81-1	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Heneicosyl trifluoroacetate	408	C23H43F3O2	1000351-76-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031924\
Data File : BM044662.D
Acq On : 19 Mar 2024 13:56
Operator : MA/JU
Sample : P1787-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0776

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetrachloroethy...	4.463	2.7	ng/ul	117642	1	7.698	861367	20.0
n-Hexadecanoic ...	18.009	8.7	ng/ul	672827	4	17.098	1554180	20.0
9-Octadecenoic ...	19.180	13.8	ng/ul	1072650	4	17.098	1554180	20.0
Octadecanoic acid	19.298	6.5	ng/ul	560553	5	21.292	1735240	20.0
12-Hydroxystear...	20.386	11.9	ng/ul	1034900	5	21.292	1735240	20.0
(DEL) Alkane: C...	21.027	5.8	ng/ul	502504	5	21.292	1735240	20.0