LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
Data File : BP015050.D
Acq On : 10 May 2023 19:24
Operator : CG/JU
Sample : 02591-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA1

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_P\Methods\SFAM-EPA-BP050323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015050.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.452	7	11	16	rVB	27189	40336	1.19%	0.092%
2	3.758	59	63	69	rVB3	7813	14663	0.43%	0.033%
3	3.911	88	89	100	rVV	18333	31817	0.94%	0.073%
4	4.005	101	105	111	rVB	33877	42757	1.26%	0.097%
5	4.128	122	126	134	rVB3	16037	29522	0.87%	0.067%
6	4.234	140	144	150	rVB	15450	25364	0.75%	0.058%
7	4.617	207	209	216	rVB8	9319	11445	0.34%	0.026%
8	4.817	239	243	249	rVB8	7142	10878	0.32%	0.025%
9	5.187	302	306	314	rVB	15810	24634	0.73%	0.056%
10	5.287	319	323	328	rBV3	9385	12519	0.37%	0.029%
11	5.805	407	411	416	rVB7	6711	9114	0.27%	0.021%
12	6.099	456	461	467	rBV6	5419	11917	0.35%	0.027%
13	6.993	610	613	621	rVB8	7663	14769	0.44%	0.034%
14	7.128	631	636	641	rBV2	12711	27672	0.82%	0.063%
15	7.299	657	665	681	rVB	504981	860000	25.42%	1.961%
16	7.469	687	694	702	rBV	405928	638874	18.88%	1.456%
17	7.675	721	729	739	rBV	524494	850574	25.14%	1.939%
18	7.758	739	743	746	rBV3	13791	17781	0.53%	0.041%
19	8.152	803	810	817	rBV	1015723	1641236	48.51%	3.741%
20	8.211	817	820	827	rVB6	6351	11656	0.34%	0.027%
21	8.705	895	904	905	rBV8	6619	11970	0.35%	0.027%
22	8.858	923	930	939	rBV	630868	1053486	31.14%	2.402%
23	8.981	945	951	960	rVB	109189	180435	5.33%	0.411%
24	9.105	968	972	976	rBV7	3624	5739	0.17%	0.013%
25	9.322	1002	1009	1017	rBV	468241	791595	23.40%	1.805%
26	9.375	1017	1018	1021	rVV3	7622	7435	0.22%	0.017%
27	9.428	1023	1027	1032	rVV6	9358	13783	0.41%	0.031%
28	9.481	1032	1036	1041	rVB6	8466	13047	0.39%	0.030%
29	9.722	1070	1077	1082	rBV3	12376	24231	0.72%	0.055%
30	9.857	1095	1100	1109	rBV3	5008	13582	0.40%	0.031%
31	10.052	1126	1133	1145	rBV	394289	675692	19.97%	1.540%
32	10.205	1152	1159	1165	rBV	30819	61048	1.80%	0.139%
33	10.275	1167	1171	1177	rVB7	11292	19708	0.58%	0.045%
34	10.410	1184	1194	1201	rBV3	15839	32828	0.97%	0.075%
35	10.599	1218	1226	1237	rBV	636147	1108668	32.77%	2.527%
36	10.981	1283	1291	1298	rBV	1452866	2465921	72.89%	5.622%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
Data File : BP015050.D
Acq On : 10 May 2023 19:24
Operator : CG/JU
Sample : 02591-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA1

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_P\Methods\SFAM-EPA-BP050323.MA.M
Title : SVOA CALIBRATION

37	11.034	1298	1300	1308	rVB	29616	38525	1.14%	0.088%
38	11.116	1308	1314	1327	rBV	224769	427223	12.63%	0.974%
39	11.516	1377	1382	1386	rBV7	11783	18478	0.55%	0.042%
40	11.763	1414	1424	1430	rBV6	21196	51850	1.53%	0.118%
41	12.146	1485	1489	1491	rBV4	4889	5747	0.17%	0.013%
42	12.328	1517	1520	1524	rVV3	6468	10315	0.30%	0.024%
43	12.375	1524	1528	1533	rVB4	9838	14838	0.44%	0.034%
44	12.457	1537	1542	1548	rBV5	10953	26242	0.78%	0.060%
45	12.504	1548	1550	1555	rVV6	3871	6450	0.19%	0.015%
46	12.557	1555	1559	1565	rVB3	10672	19252	0.57%	0.044%
47	12.634	1566	1572	1579	rBV2	70845	129869	3.84%	0.296%
48	12.740	1586	1590	1594	rBV2	15702	32802	0.97%	0.075%
49	12.769	1594	1595	1601	rVV2	16410	16452	0.49%	0.038%
50	12.846	1603	1608	1613	rVB	21434	32859	0.97%	0.075%
51	13.051	1640	1643	1648	rBV7	5851	9806	0.29%	0.022%
52	13.387	1697	1700	1707	rVB8	4774	7897	0.23%	0.018%
53	13.604	1728	1737	1738	rBV5	15775	26387	0.78%	0.060%
54	13.628	1739	1741	1746	rVB	18918	22336	0.66%	0.051%
55	13.710	1751	1755	1757	rBV5	5968	9673	0.29%	0.022%
56	13.828	1771	1775	1783	rVB4	10759	24303	0.72%	0.055%
57	13.957	1792	1797	1798	rBV3	15449	22640	0.67%	0.052%
58	14.128	1816	1826	1830	rBV6	23074	67257	1.99%	0.153%
59	14.193	1830	1837	1842	rVV	1147980	1623929	48.00%	3.702%
60	14.234	1842	1844	1852	rVB4	17808	30345	0.90%	0.069%
61	14.316	1854	1858	1861	rBV5	8058	13529	0.40%	0.031%
62	14.428	1873	1877	1880	rBV6	7198	11849	0.35%	0.027%
63	14.487	1880	1887	1899	rBV	1323286	2124766	62.81%	4.844%
64	14.675	1915	1919	1923	rBV6	22259	33534	0.99%	0.076%
65	14.793	1928	1939	1945	rBV	2145066	3200414	94.60%	7.296%
66	14.851	1945	1949	1958	rVB	62668	98910	2.92%	0.225%
67	14.922	1958	1961	1964	rBV2	8231	9821	0.29%	0.022%
68	14.981	1965	1971	1982	rBV	346259	588112	17.38%	1.341%
69	15.134	1993	1997	2002	rBV4	21831	31630	0.93%	0.072%
70	15.187	2002	2006	2012	rVB	69367	105284	3.11%	0.240%
71	15.334	2027	2031	2034	rBV4	10941	14869	0.44%	0.034%
72	15.381	2036	2039	2040	rVV3	8661	9251	0.27%	0.021%
73	15.410	2040	2044	2048	rVV6	24465	38692	1.14%	0.088%
74	15.451	2048	2051	2058	rVB5	11159	16832	0.50%	0.038%
75	15.557	2066	2069	2075	rBV7	12572	26112	0.77%	0.060%
76	15.692	2089	2092	2098	rBV7	14740	24850	0.73%	0.057%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
Data File : BP015050.D
Acq On : 10 May 2023 19:24
Operator : CG/JU
Sample : 02591-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA1

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_P\Methods\SFAM-EPA-BP050323.MA.M
Title : SVOA CALIBRATION

77	15.781	2101	2107	2113	rVV	1688498	2414760	71.38%	5.505%
78	15.840	2113	2117	2121	rVV	92347	129732	3.83%	0.296%
79	15.898	2122	2127	2134	rVV	272268	376763	11.14%	0.859%
80	16.140	2163	2168	2174	rBV	216857	314757	9.30%	0.718%
81	16.281	2188	2192	2199	rVB2	22009	42958	1.27%	0.098%
82	16.481	2223	2226	2228	rBV2	26439	33105	0.98%	0.075%
83	17.116	2331	2334	2340	rBV4	18818	37669	1.11%	0.086%
84	17.192	2341	2347	2356	rBV2	563999	856275	25.31%	1.952%
85	17.363	2373	2376	2382	rVB	55371	79709	2.36%	0.182%
86	17.545	2401	2407	2411	rBV	2330256	3383113	100.00%	7.712%
87	17.587	2411	2414	2419	rVV	1251638	1658696	49.03%	3.781%
88	17.645	2419	2424	2428	rVV	1622215	2387416	70.57%	5.443%
89	17.675	2428	2429	2436	rVB	309601	355904	10.52%	0.811%
90	17.939	2472	2474	2478	rVB	102392	117442	3.47%	0.268%
91	18.398	2548	2552	2557	rBV	833015	1162116	34.35%	2.649%
92	18.445	2557	2560	2568	rVB2	206848	354422	10.48%	0.808%
93	18.592	2581	2585	2588	rBV2	219142	285351	8.43%	0.651%
94	18.922	2638	2641	2645	rBV	164740	186088	5.50%	0.424%
95	19.539	2741	2746	2752	rVB	1491216	1897500	56.09%	4.326%
96	19.622	2758	2760	2766	rBV2	238157	300803	8.89%	0.686%
97	19.863	2796	2801	2803	rBV	1633631	2239545	66.20%	5.105%
98	19.892	2803	2806	2811	rVB	1322442	1671030	49.39%	3.809%
99	21.622	3095	3100	3104	rBV2	1636514	2901208	85.76%	6.614%
100	21.663	3105	3107	3113	rVB	730692	848794	25.09%	1.935%

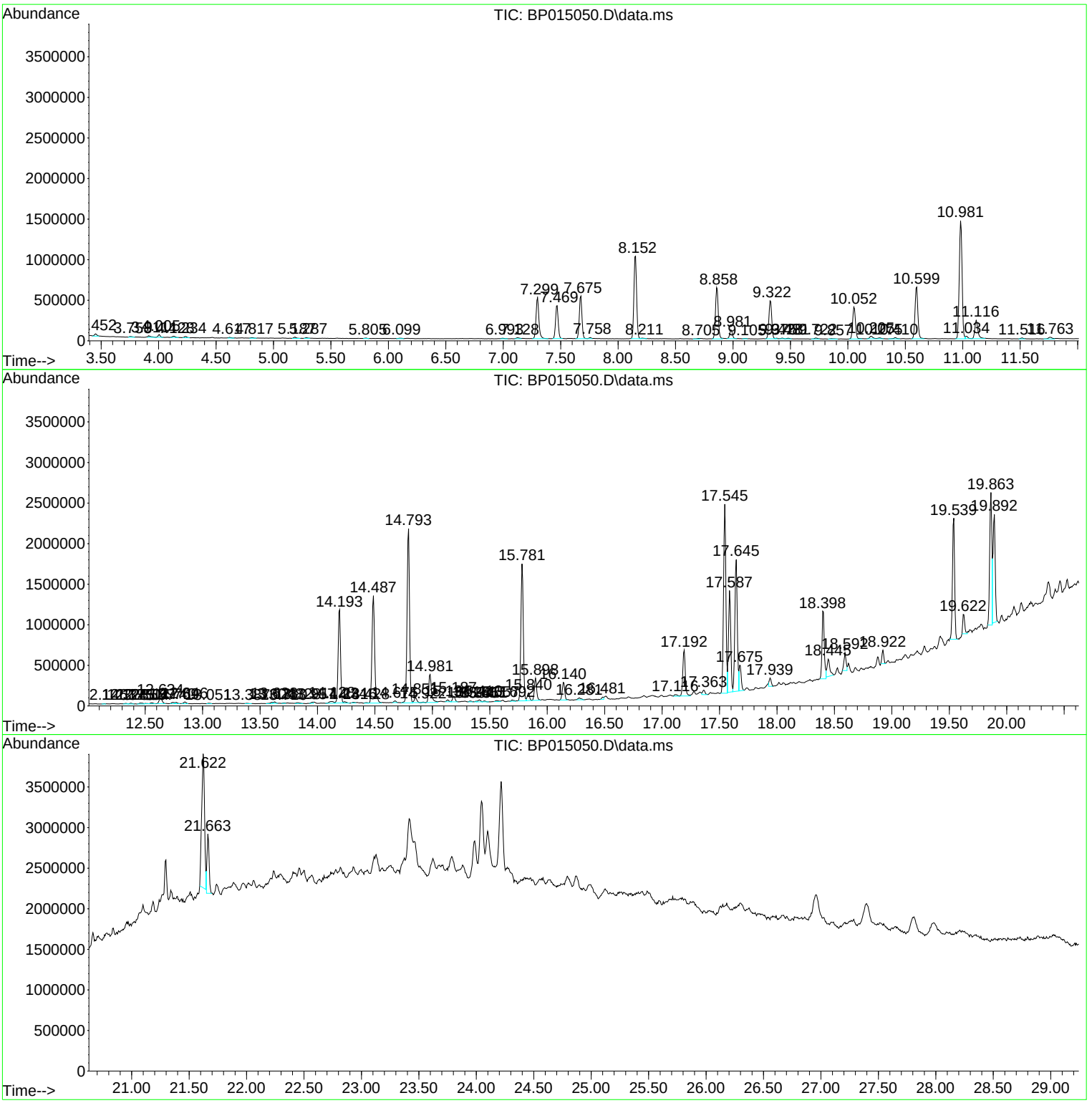
Sum of corrected areas: 43865782

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
Data File : BP015050.D
Acq On : 10 May 2023 19:24
Operator : CG/JU
Sample : 02591-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
Data File : BP015050.D
Acq On : 10 May 2023 19:24
Operator : CG/JU
Sample : 02591-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

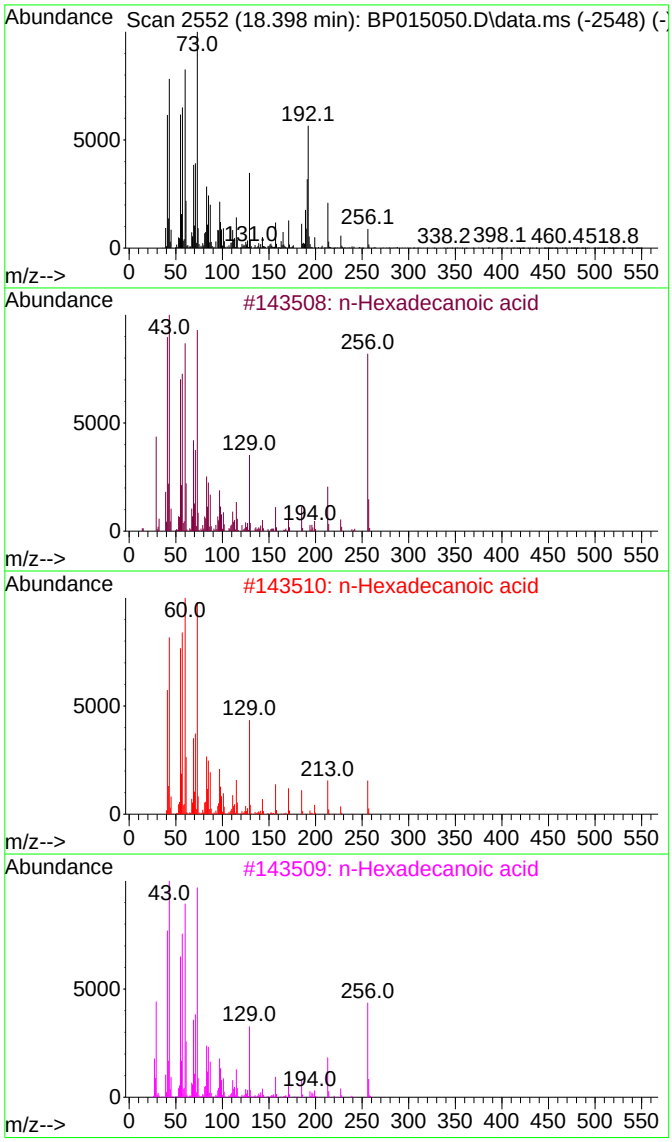
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

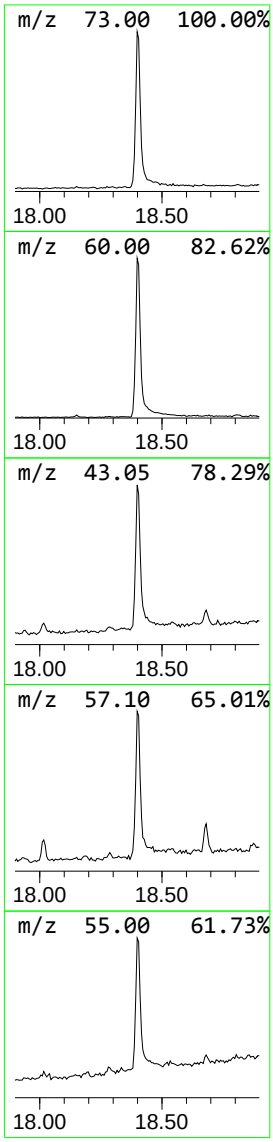
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	6.87 ng/ul	1162120	Phenanthrene-d10	17.545

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
Data File : BP015050.D
Acq On : 10 May 2023 19:24
Operator : CG/JU
Sample : 02591-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA1

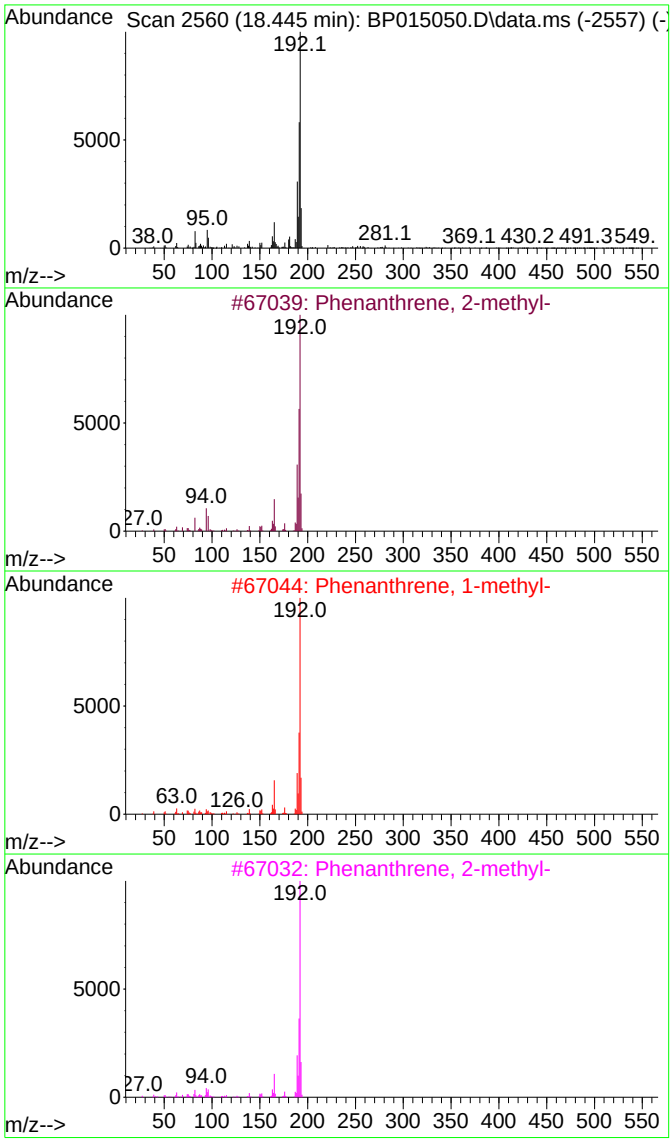
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

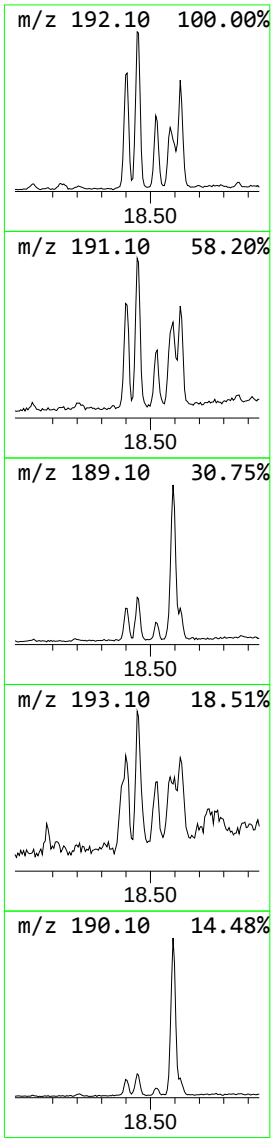
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	2.10 ng/ul	354422	Phenanthrene-d10	17.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
Data File : BP015050.D
Acq On : 10 May 2023 19:24
Operator : CG/JU
Sample : 02591-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

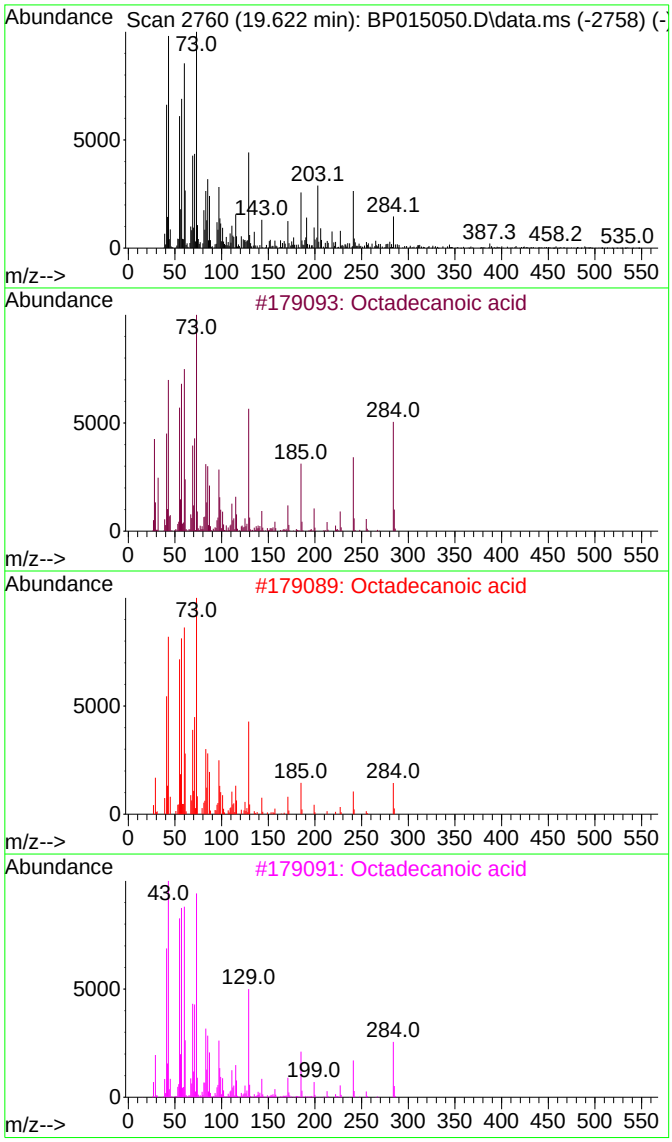
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

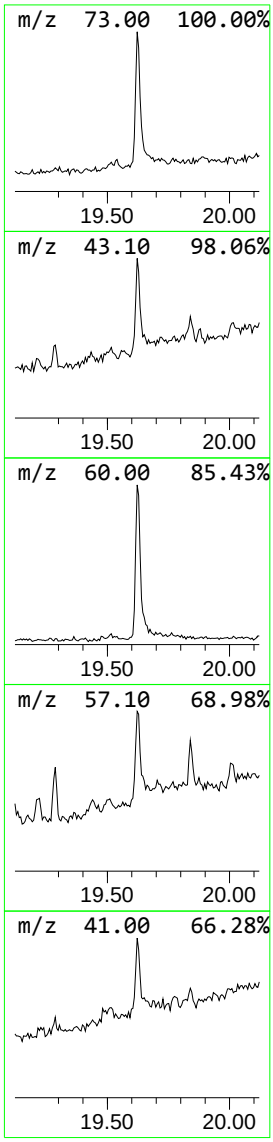
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.622	2.07 ng/ul	300803	Chrysene-d12	21.628

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	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
Data File : BP015050.D
Acq On : 10 May 2023 19:24
Operator : CG/JU
Sample : 02591-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JREA1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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
n-Hexadecanoic ...	18.398	6.9	ng/ul	1162120	4	17.545	3383110	20.0
Phenanthrene, 2...	18.445	2.1	ng/ul	354422	4	17.545	3383110	20.0
Octadecanoic acid	19.622	2.1	ng/ul	300803	5	21.628	2901210	20.0