LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017487.D
Acq On : 02 Oct 2023 20:50
Operator : MA/JU
Sample : 04571-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BBK95

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-BP092023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017487.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.246	23	27	32	rVV	52325	61664	1.19%	0.136%
2	3.293	32	35	41	rVB	37068	42192	0.82%	0.093%
3	3.734	106	110	125	rBV	195895	307861	5.95%	0.678%
4	3.922	137	142	147	rBV	36335	54286	1.05%	0.120%
5	4.034	158	161	167	rVB3	8675	13776	0.27%	0.030%
6	4.181	182	186	191	rVB5	14582	19358	0.37%	0.043%
7	4.422	221	227	233	rVB3	11118	17773	0.34%	0.039%
8	4.563	244	251	264	rBV	1701564	2552919	49.35%	5.623%
9	4.981	318	322	326	rVB	6982	9501	0.18%	0.021%
10	5.563	417	421	426	rBV3	5988	9562	0.18%	0.021%
11	6.346	545	554	558	rBV4	13275	25686	0.50%	0.057%
12	6.910	646	650	656	rVB7	7846	11594	0.22%	0.026%
13	7.098	676	682	695	rBV	174236	303567	5.87%	0.669%
14	7.287	707	714	728	rBV	611542	936492	18.10%	2.063%
15	7.463	737	744	758	rBV	612376	992233	19.18%	2.185%
16	7.945	819	826	836	rBV	485839	769780	14.88%	1.695%
17	8.663	942	948	962	rBV	501291	827806	16.00%	1.823%
18	9.151	1022	1031	1045	rBV	734250	1207724	23.34%	2.660%
19	9.351	1061	1065	1070	rVB2	12189	18812	0.36%	0.041%
20	9.869	1146	1153	1164	rBV	602502	987323	19.08%	2.174%
21	10.398	1236	1243	1257	rBV	905017	1530666	29.59%	3.371%
22	10.781	1301	1308	1317	rBV	636792	1069366	20.67%	2.355%
23	10.951	1329	1337	1352	rBV	605188	1044016	20.18%	2.299%
24	11.857	1484	1491	1496	rVB6	7462	12836	0.25%	0.028%
25	12.063	1517	1526	1530	rBV6	4961	11127	0.22%	0.025%
26	12.375	1571	1579	1586	rBV3	14624	29899	0.58%	0.066%
27	13.169	1708	1714	1717	rBV8	3090	6133	0.12%	0.014%
28	13.386	1742	1751	1755	rBV6	9480	18332	0.35%	0.040%
29	13.475	1761	1766	1771	rBV4	17760	29977	0.58%	0.066%
30	13.857	1827	1831	1836	rVB8	4043	7040	0.14%	0.016%
31	14.051	1858	1864	1876	rBV	1745624	2385319	46.11%	5.253%
32	14.257	1893	1899	1905	rBV	4264	8334	0.16%	0.018%
33	14.339	1905	1913	1929	rBV	2020201	2883184	55.73%	6.350%
34	14.557	1945	1950	1953	rBV6	3456	5958	0.12%	0.013%
35	14.639	1957	1964	1974	rBV	962431	1370179	26.48%	3.018%
36	14.880	2000	2005	2018	rBV2	82702	180671	3.49%	0.398%

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Integrator: RTE
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Title : SVOA CALIBRATION

37	15.022	2026	2029	2037	rVV9	6431	12462	0.24%	0.027%
38	15.257	2065	2069	2076	rVB7	5047	9197	0.18%	0.020%
39	15.427	2095	2098	2103	rBV6	4173	7176	0.14%	0.016%
40	15.645	2128	2135	2143	rBV	2530435	3628679	70.14%	7.992%
41	15.716	2143	2147	2152	rVV6	14586	23936	0.46%	0.053%
42	15.780	2152	2158	2171	rVV	756195	1017931	19.68%	2.242%
43	15.880	2171	2175	2182	rVB5	12966	22553	0.44%	0.050%
44	16.010	2192	2197	2201	rVB7	3331	5305	0.10%	0.012%
45	17.280	2411	2413	2419	rBV6	3934	5811	0.11%	0.013%
46	17.427	2431	2438	2446	rBV	1203471	1683714	32.54%	3.708%
47	17.527	2449	2455	2473	rVB2	3030979	4192561	81.04%	9.234%
48	18.274	2577	2582	2594	rBV	231919	369707	7.15%	0.814%
49	19.345	2761	2764	2767	rBV2	39250	46229	0.89%	0.102%
50	19.415	2773	2776	2780	rVB	37765	45313	0.88%	0.100%
51	19.515	2789	2793	2802	rBV	127888	195486	3.78%	0.431%
52	19.780	2832	2838	2844	rBV	4026359	5149190	99.53%	11.341%
53	21.215	3079	3082	3088	rVB2	159736	214856	4.15%	0.473%
54	21.557	3135	3140	3145	rBV	1434034	1865524	36.06%	4.109%
55	23.956	3541	3548	3562	rVB2	2530822	5173525	100.00%	11.394%
56	24.127	3570	3577	3588	rVB	959217	1972861	38.13%	4.345%

Sum of corrected areas: 45404962

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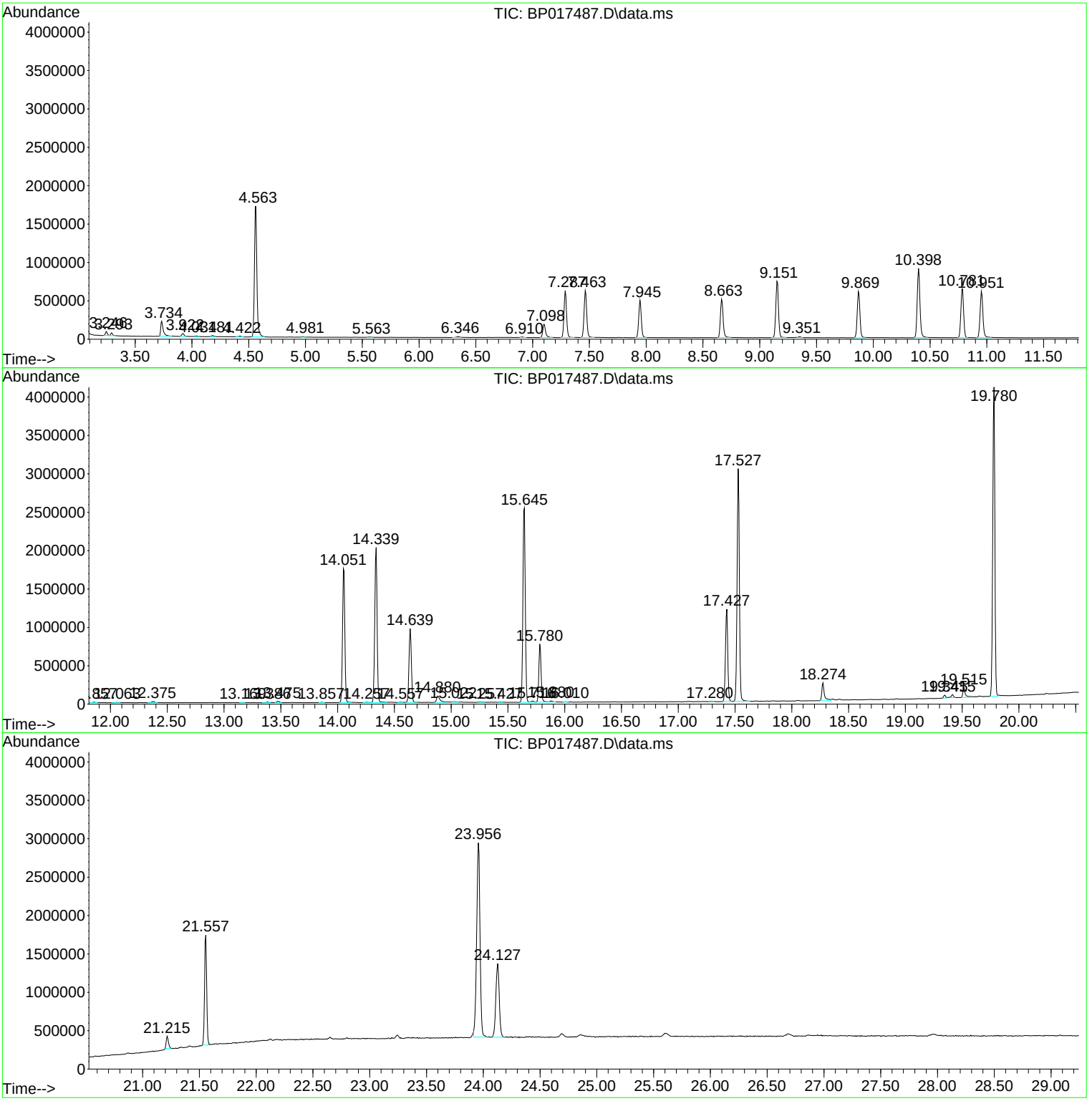
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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



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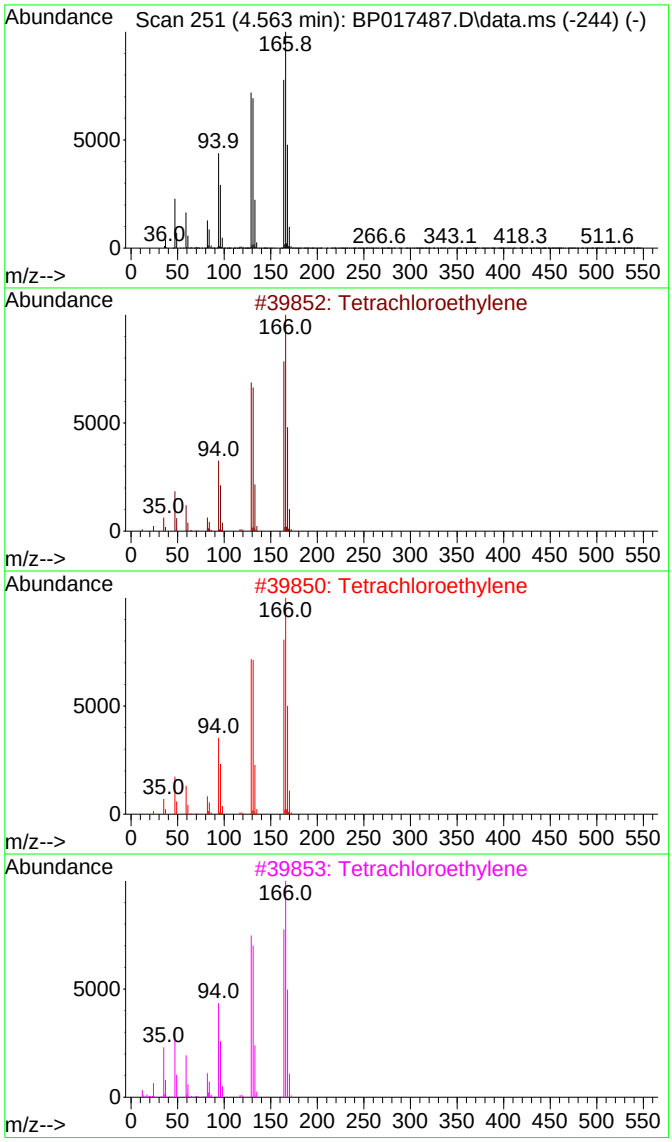
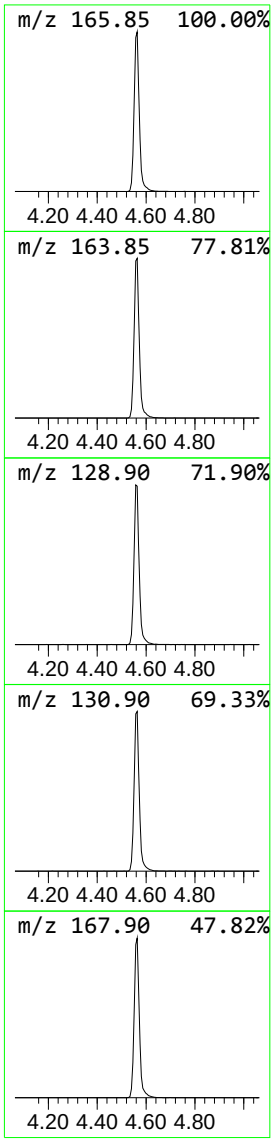
Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.563	66.33 ng/ul	2552920	1,4-Dichlorobenzene-d4	7.945

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	98
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





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BNA_P
ClientSampleId :
BBK95

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Quant Title : SVOA CALIBRATION

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

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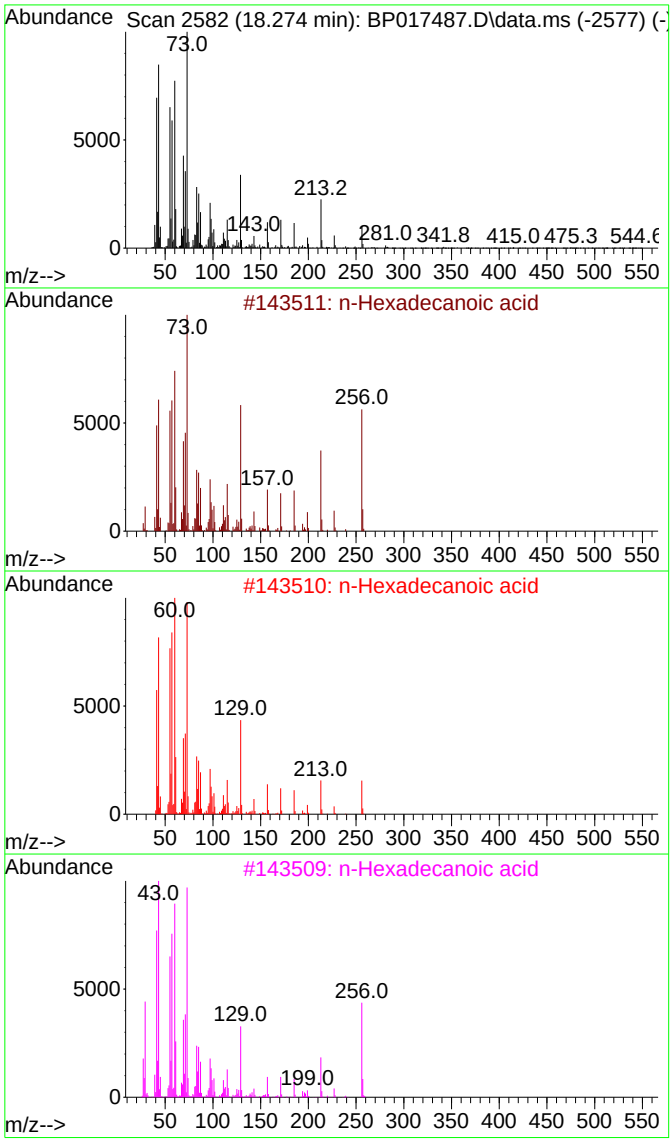
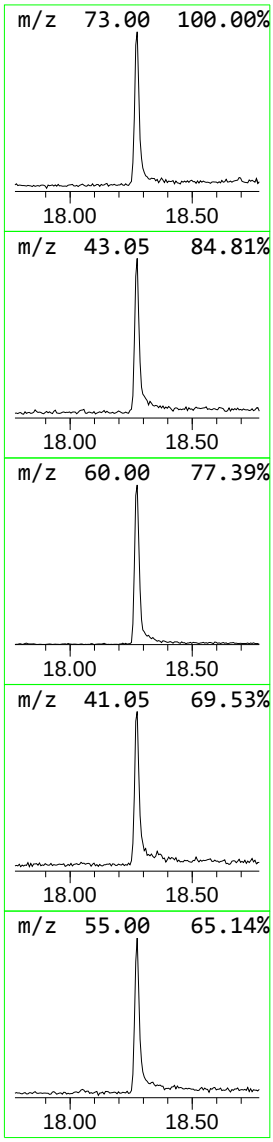
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	4.39 ng/ul	369707	Phenanthrene-d10	17.427

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

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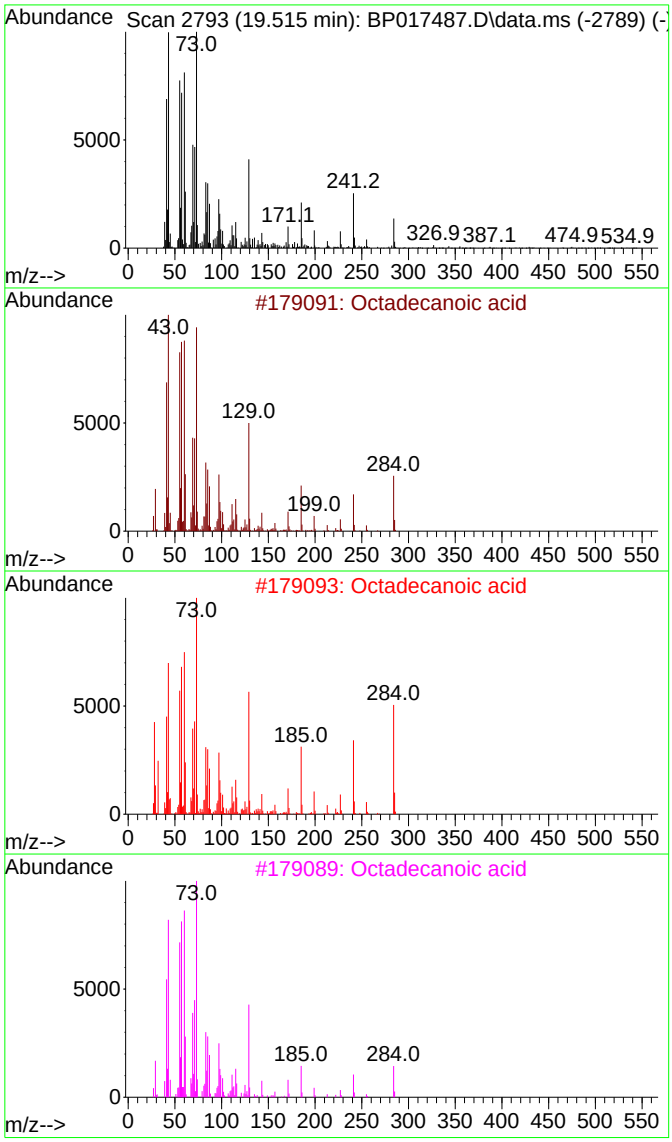
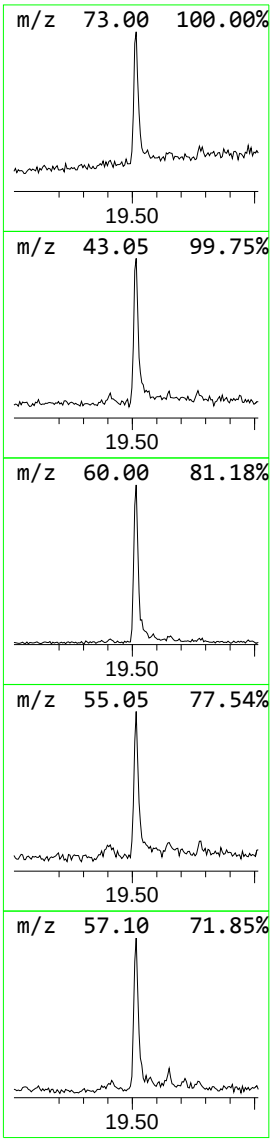
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.515	2.10 ng/ul	195486	Chrysene-d12	21.557

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	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Instrument :
BNA_P
ClientSampleId :
BBK95

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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

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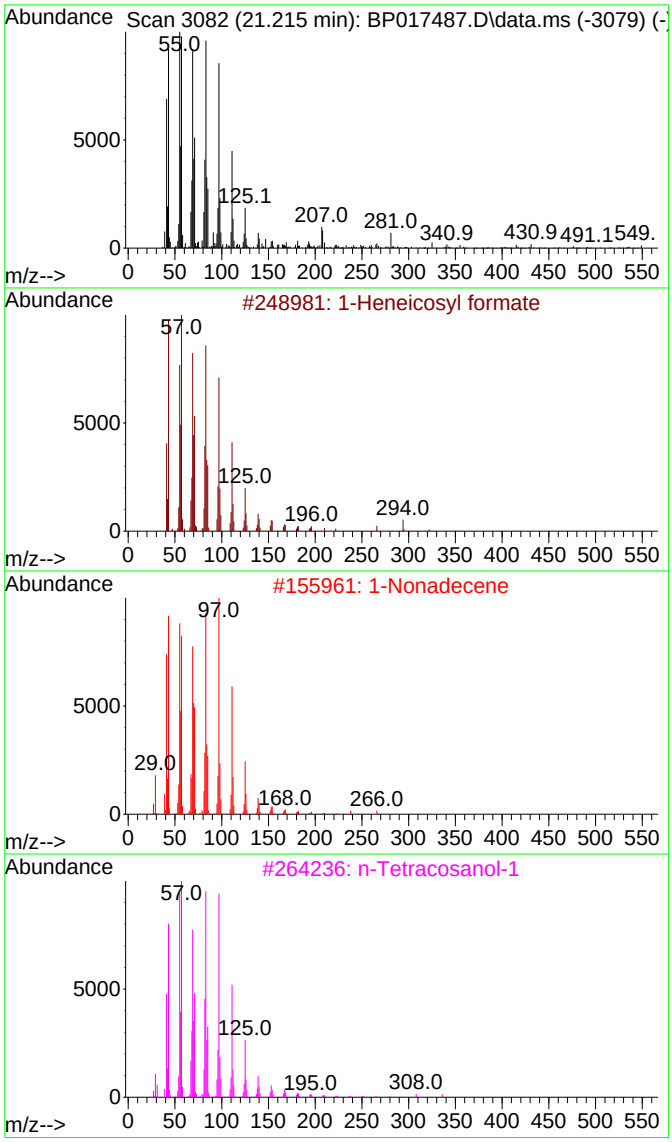
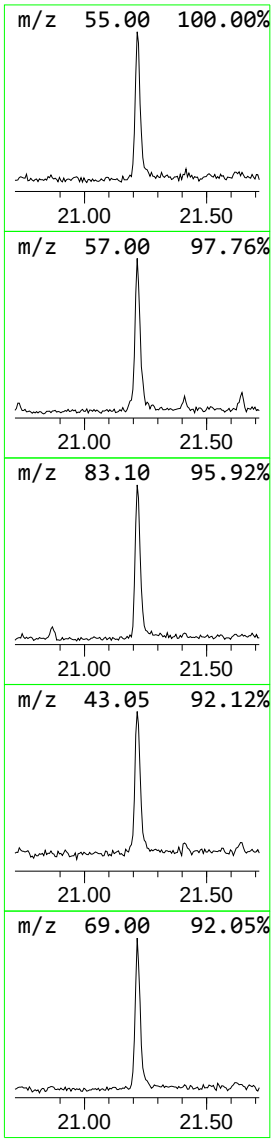
Peak Number 4 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.215	2.30 ng/ul	214856	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Tentatively Identified Compound (LSC) summary

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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...	4.563	66.3	ng/ul	2552920	1	7.945	769780	20.0
n-Hexadecanoic ...	18.274	4.4	ng/ul	369707	4	17.427	1683710	20.0
Octadecanoic acid	19.515	2.1	ng/ul	195486	5	21.557	1865520	20.0
1-Heneicosyl fo...	21.215	2.3	ng/ul	214856	5	21.557	1865520	20.0