LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017486.D
Acq On : 02 Oct 2023 20:15
Operator : MA/JU
Sample : 04571-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BBJ31

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: BP017486.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.293	31	35	40	rBV	39804	50052	0.99%	0.103%
2	3.599	84	87	97	rVB	7605	14815	0.29%	0.030%
3	3.734	106	110	126	rBV	219152	333698	6.62%	0.685%
4	3.922	137	142	147	rVB	42765	59756	1.19%	0.123%
5	4.034	159	161	168	rVB2	10408	13470	0.27%	0.028%
6	4.181	182	186	192	rBV4	14806	23187	0.46%	0.048%
7	4.422	224	227	233	rVB3	12766	16797	0.33%	0.034%
8	4.563	244	251	262	rBV	217837	312946	6.21%	0.642%
9	4.981	318	322	325	rBV	6424	7924	0.16%	0.016%
10	5.175	352	355	358	rVB4	6112	6242	0.12%	0.013%
11	5.563	417	421	425	rBV2	5854	7753	0.15%	0.016%
12	6.345	550	554	558	rVB2	12652	18488	0.37%	0.038%
13	6.910	646	650	659	rVB7	9170	18243	0.36%	0.037%
14	7.104	677	683	698	rBV	179944	313383	6.22%	0.643%
15	7.287	707	714	724	rBV	752491	1143019	22.69%	2.345%
16	7.463	737	744	755	rBV	711670	1164386	23.11%	2.389%
17	7.551	755	759	768	rVB3	13687	28991	0.58%	0.059%
18	7.945	819	826	839	rBV	572493	902889	17.92%	1.853%
19	8.669	941	949	965	rBV	533281	903029	17.93%	1.853%
20	9.151	1024	1031	1046	rBV	890116	1487343	29.52%	3.052%
21	9.263	1046	1050	1057	rVV10	5048	12183	0.24%	0.025%
22	9.351	1061	1065	1069	rVB2	10213	13498	0.27%	0.028%
23	9.869	1145	1153	1170	rBV	728369	1201891	23.86%	2.466%
24	10.398	1233	1243	1256	rBV	1066465	1809337	35.92%	3.713%
25	10.786	1301	1309	1319	rBV	781766	1297680	25.76%	2.663%
26	10.951	1330	1337	1356	rBV	747465	1270847	25.23%	2.608%
27	11.557	1436	1440	1443	rBV6	3360	5453	0.11%	0.011%
28	11.616	1446	1450	1460	rVB	16469	31981	0.63%	0.066%
29	11.857	1483	1491	1497	rVB9	4569	12589	0.25%	0.026%
30	11.945	1499	1506	1509	rVB9	3841	6303	0.13%	0.013%
31	12.292	1557	1565	1570	rBV9	2471	6978	0.14%	0.014%
32	12.375	1572	1579	1584	rVV	19455	29012	0.58%	0.060%
33	12.880	1661	1665	1670	rVB8	4974	7617	0.15%	0.016%
34	12.951	1673	1677	1682	rVB7	3112	5326	0.11%	0.011%
35	13.204	1716	1720	1728	rBV8	4437	8605	0.17%	0.018%
36	13.386	1744	1751	1754	rBV4	7194	11055	0.22%	0.023%

LSC Area Percent Report

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Acq On : 02 Oct 2023 20:15
Operator : MA/JU
Sample : 04571-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJ31

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

37	13.480	1760	1767	1780	rBV	1603801	2476979	49.17%	5.083%
38	13.592	1784	1786	1792	rVB7	5068	7269	0.14%	0.015%
39	13.822	1820	1825	1828	rBV6	6357	10296	0.20%	0.021%
40	13.863	1828	1832	1837	rVB8	5362	9727	0.19%	0.020%
41	13.992	1850	1854	1857	rBV5	3835	5307	0.11%	0.011%
42	14.057	1857	1865	1871	rBV	2088160	2829867	56.17%	5.807%
43	14.257	1894	1899	1905	rBV10	4267	9915	0.20%	0.020%
44	14.339	1906	1913	1923	rBV	2263473	3236406	64.24%	6.641%
45	14.463	1930	1934	1937	rVB6	4743	5860	0.12%	0.012%
46	14.563	1948	1951	1954	rVB4	6936	8501	0.17%	0.017%
47	14.639	1955	1964	1973	rVV	1101904	1563270	31.03%	3.208%
48	14.886	1999	2006	2020	rBV	67742	160778	3.19%	0.330%
49	15.027	2025	2030	2037	rVV10	9607	25011	0.50%	0.051%
50	15.080	2037	2039	2044	rVB5	3483	5788	0.11%	0.012%
51	15.386	2087	2091	2095	rVB2	5402	6634	0.13%	0.014%
52	15.645	2126	2135	2142	rBV	2732428	3936725	78.14%	8.078%
53	15.716	2142	2147	2152	rVV	63748	88102	1.75%	0.181%
54	15.780	2152	2158	2166	rVV	742788	988764	19.63%	2.029%
55	15.880	2172	2175	2179	rVB3	11429	14535	0.29%	0.030%
56	16.368	2255	2258	2264	rVB7	4281	7291	0.14%	0.015%
57	16.480	2271	2277	2282	rBV2	11936	26091	0.52%	0.054%
58	16.663	2303	2308	2312	rBV	24439	37851	0.75%	0.078%
59	16.768	2322	2326	2330	rBV3	22419	33393	0.66%	0.069%
60	16.868	2341	2343	2349	rVB7	4713	7111	0.14%	0.015%
61	17.092	2377	2381	2382	rBV4	4636	5756	0.11%	0.012%
62	17.286	2410	2414	2421	rVB9	9520	14799	0.29%	0.030%
63	17.427	2432	2438	2448	rBV	1150830	1640926	32.57%	3.367%
64	17.527	2449	2455	2466	rBV2	2805159	4044535	80.28%	8.299%
65	17.692	2479	2483	2485	rVB4	7084	9456	0.19%	0.019%
66	17.780	2491	2498	2502	rBV9	7500	14358	0.29%	0.029%
67	18.051	2540	2544	2551	rBV	31132	38957	0.77%	0.080%
68	18.274	2577	2582	2592	rBV	297703	457426	9.08%	0.939%
69	18.533	2624	2626	2634	rBV9	6875	10052	0.20%	0.021%
70	19.192	2735	2738	2741	rBV4	33454	35317	0.70%	0.072%
71	19.321	2757	2760	2761	rBV	16652	17453	0.35%	0.036%
72	19.351	2762	2765	2768	rVV	35540	44400	0.88%	0.091%
73	19.415	2772	2776	2781	rVB2	73669	97501	1.94%	0.200%
74	19.515	2789	2793	2801	rBV	118750	190958	3.79%	0.392%
75	19.780	2832	2838	2844	rBV	3842233	4886778	97.00%	10.027%
76	20.245	2914	2917	2920	rVB3	29709	34062	0.68%	0.070%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04571-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJ31

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

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Peak separation: 5

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

77	21.215	3079	3082	3092	rVB	250464	364301	7.23%	0.748%
78	21.556	3135	3140	3149	rBV	1388619	1825914	36.24%	3.747%
79	23.956	3541	3548	3560	rVB2	2377179	5037732	100.00%	10.337%
80	24.127	3571	3577	3588	rVB	887289	1905860	37.83%	3.911%

Sum of corrected areas: 48734778

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Sample : 04571-16
Misc :
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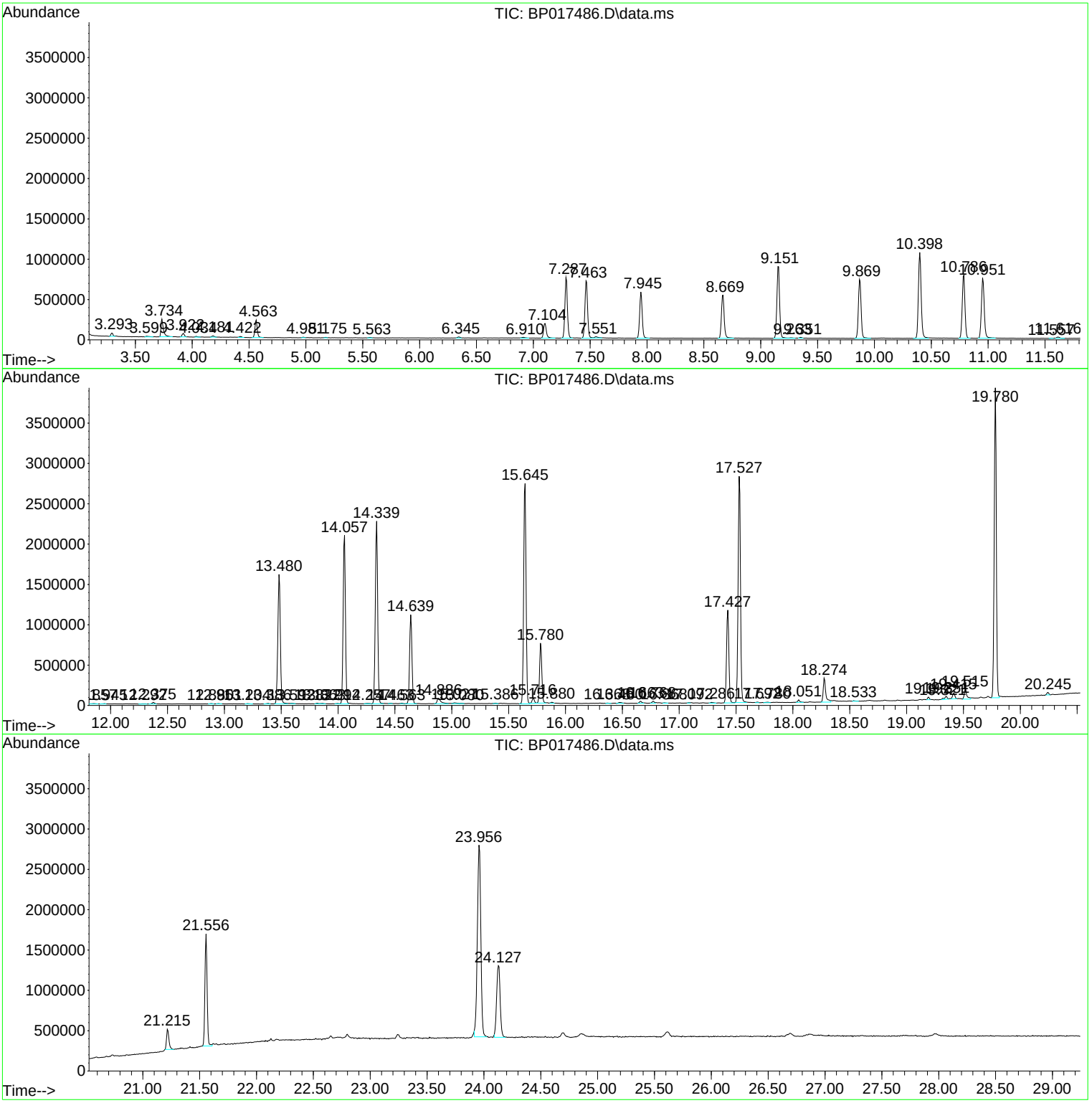
Instrument :
BNA_P
ClientSampleId :
BBJ31

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017486.D
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Operator : MA/JU
Sample : 04571-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJ31

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

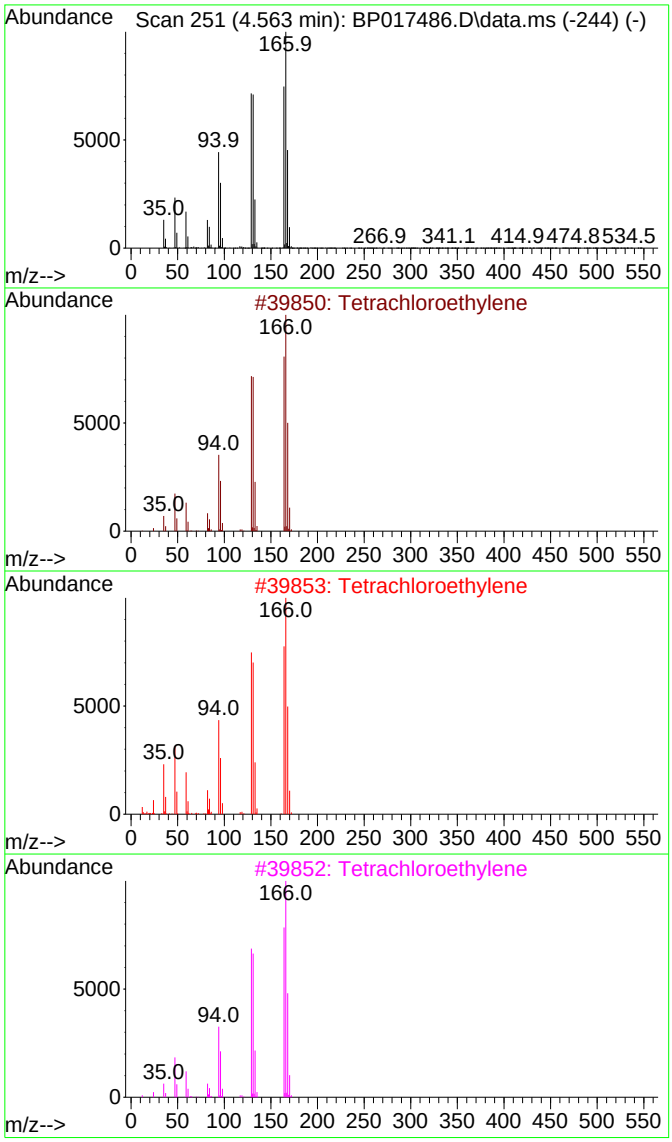
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

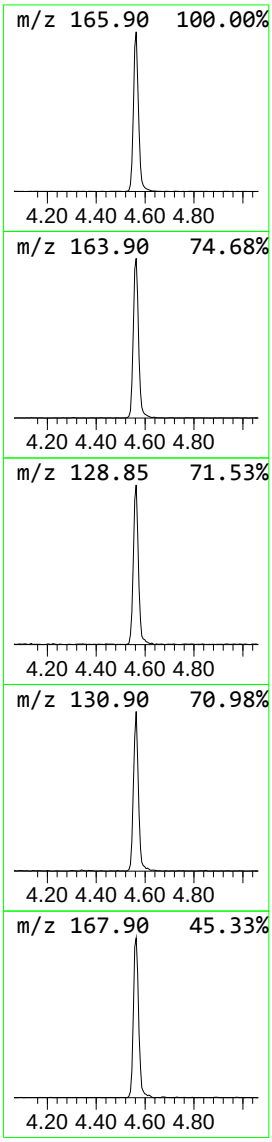
****

Peak Number 1 Tetrachloroethylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.563	6.93 ng/ul	312946	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	96
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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Acq On : 02 Oct 2023 20:15
Operator : MA/JU
Sample : 04571-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJ31

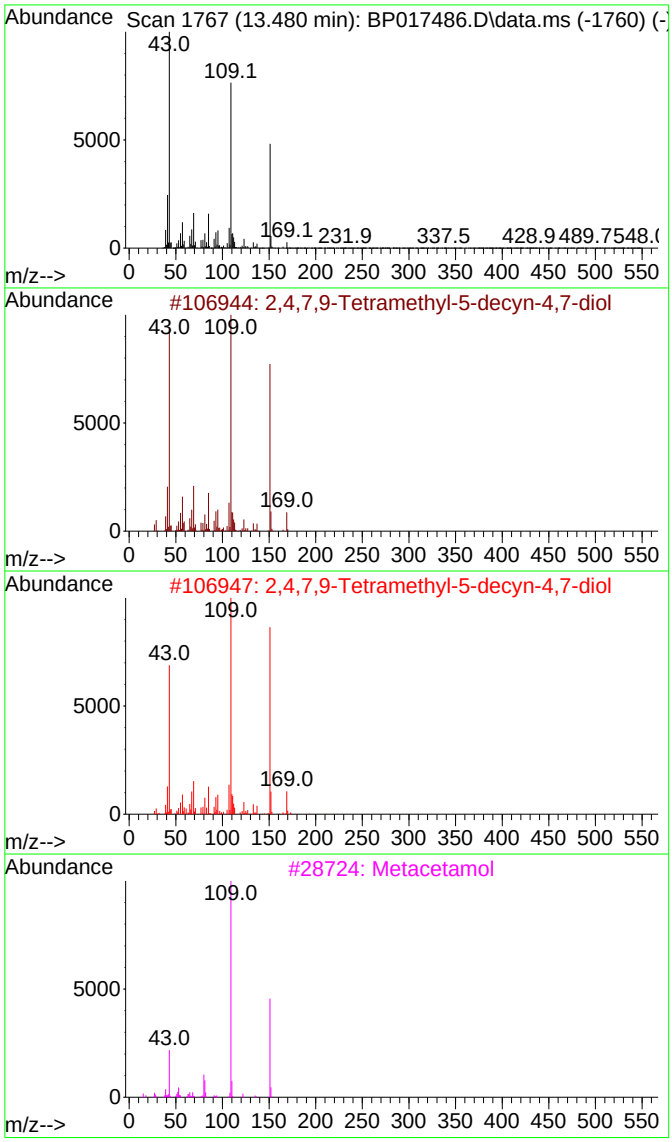
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

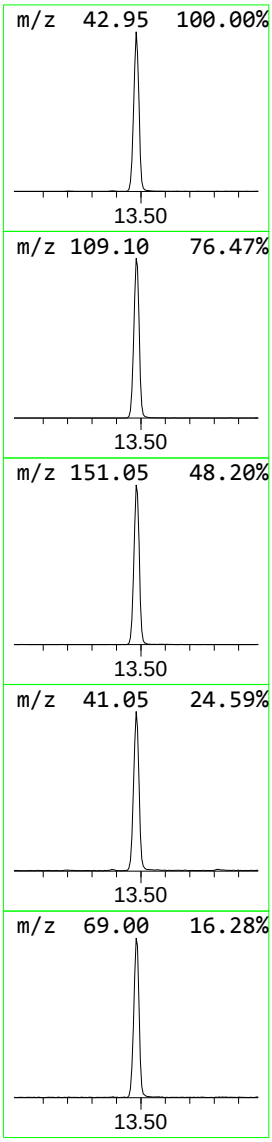
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	31.69 ng/ul	2476980	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
3	Metacetamol	151	C8H9NO2	000621-42-1	59
4	Acetaminophen	151	C8H9NO2	000103-90-2	59
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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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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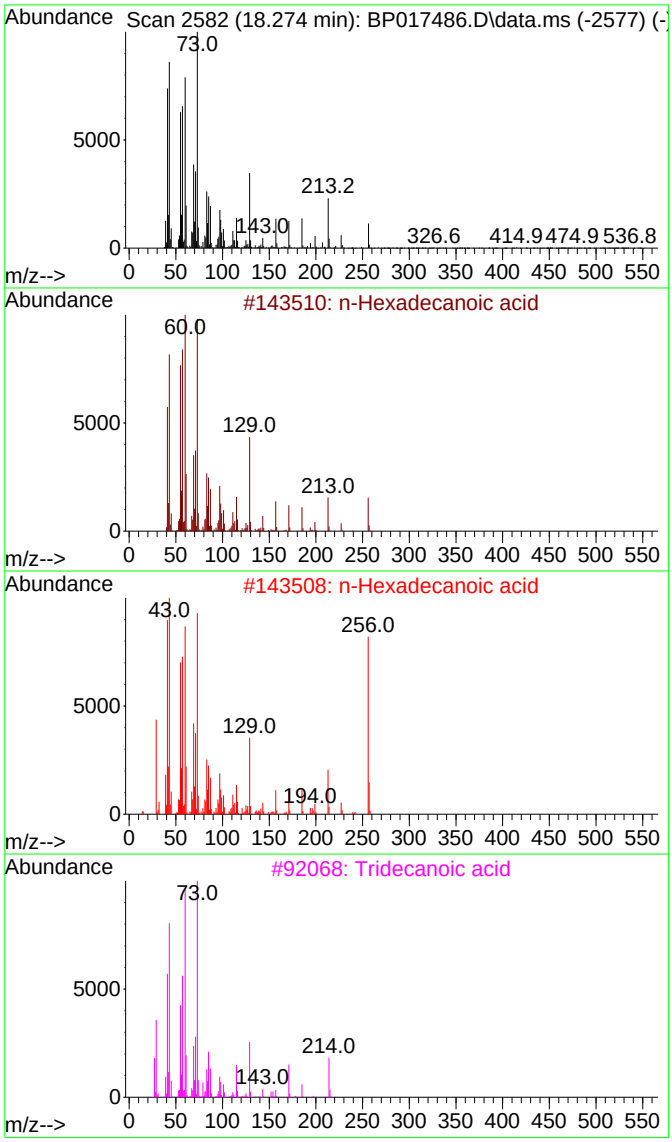
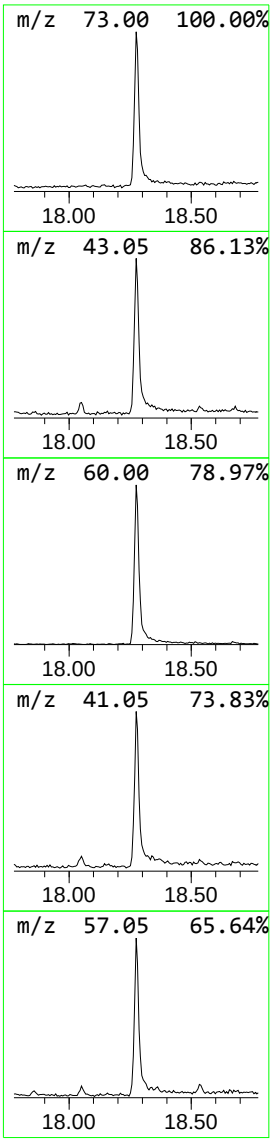
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	5.58 ng/ul	457426	Phenanthrene-d10	17.427

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	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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Sample : 04571-16
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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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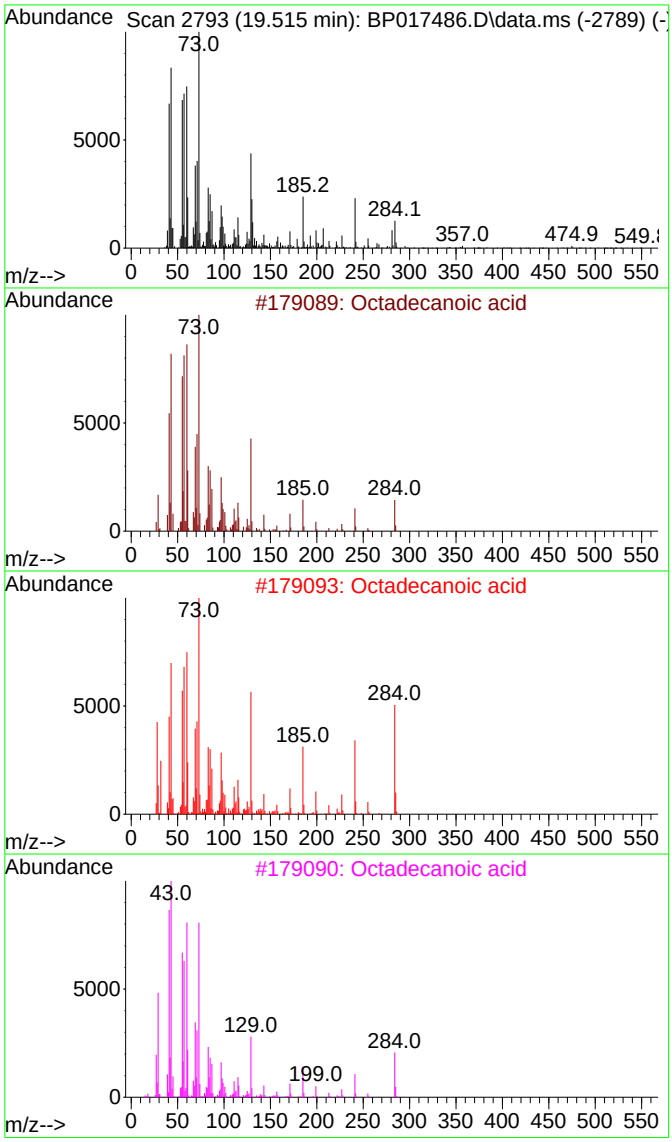
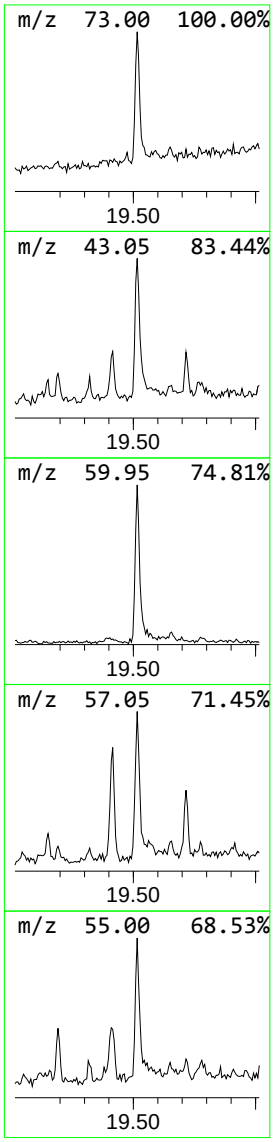
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.515	2.09 ng/ul	190958	Chrysene-d12	21.556

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, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
5	Octadecanoic acid	284	C18H36O2	000057-11-4	78





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJ31

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

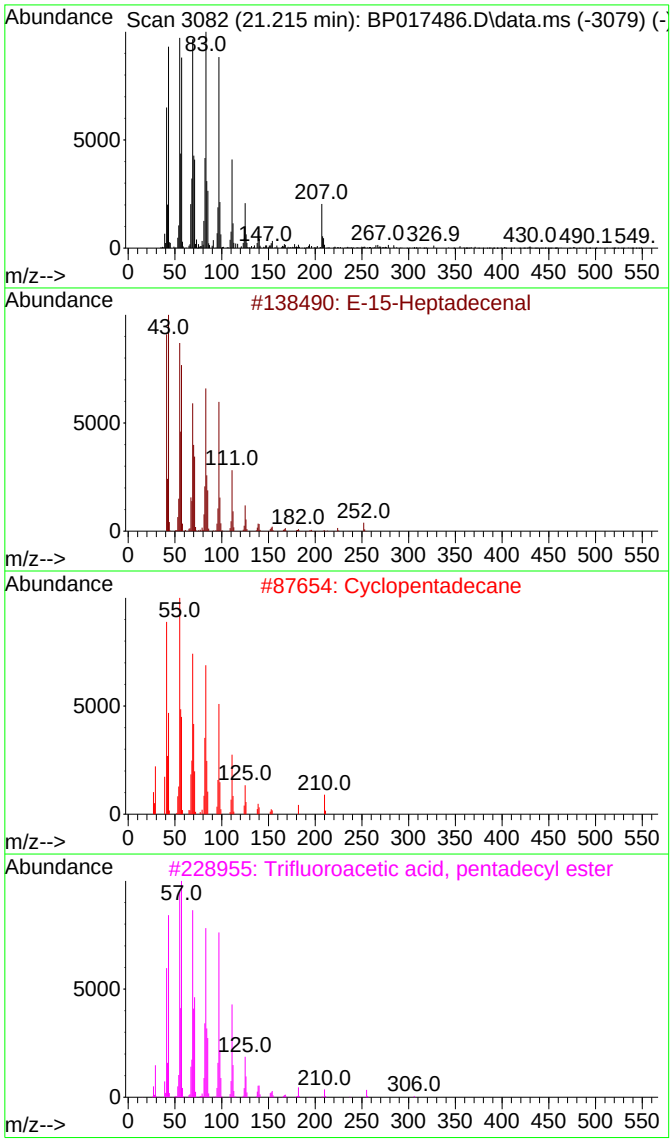
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

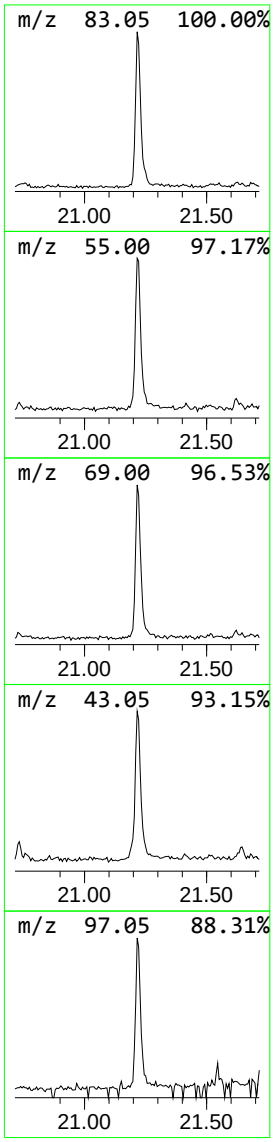
****

Peak Number 5 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.215	3.99 ng/ul	364301	Chrysene-d12	21.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	94
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
Data File : BP017486.D
Acq On : 02 Oct 2023 20:15
Operator : MA/JU
Sample : 04571-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetrachloroethy...	4.563	6.9	ng/ul	312946	1	7.945	902889	20.0
2,4,7,9-Tetrame...	13.480	31.7	ng/ul	2476980	3	14.639	1563270	20.0
n-Hexadecanoic ...	18.274	5.6	ng/ul	457426	4	17.427	1640930	20.0
Octadecanoic acid	19.515	2.1	ng/ul	190958	5	21.556	1825910	20.0
E-15-Heptadecenal	21.215	4.0	ng/ul	364301	5	21.556	1825910	20.0