LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017347.D
Acq On : 26 Sep 2023 06:37
Operator : MA/JU
Sample : 04450-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJN8

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: BP017347.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	23	28	33	rBV	989184	1198581	3.02%	1.032%
2	3.293	33	35	39	rVV	67071	89846	0.23%	0.077%
3	3.334	39	42	50	rVB	46486	61913	0.16%	0.053%
4	3.734	107	110	124	rBV	354394	530644	1.34%	0.457%
5	3.922	137	142	149	rVB	59506	84625	0.21%	0.073%
6	4.181	182	186	193	rVB4	33989	51425	0.13%	0.044%
7	4.570	244	252	270	rBV	23156139	39748516	100.00%	34.220%
8	5.199	354	359	367	rVB	37615	60381	0.15%	0.052%
9	7.081	672	679	689	rBV	274092	454065	1.14%	0.391%
10	7.269	704	711	722	rVB	1085458	1664048	4.19%	1.433%
11	7.446	734	741	754	rBV	1019041	1600926	4.03%	1.378%
12	7.922	816	822	833	rBV	779925	1234426	3.11%	1.063%
13	8.640	936	944	956	rBV	829355	1376128	3.46%	1.185%
14	9.122	1019	1026	1038	rVV	1271637	2044087	5.14%	1.760%
15	9.216	1038	1042	1049	rVB	27386	48803	0.12%	0.042%
16	9.328	1057	1061	1070	rVB6	20581	42997	0.11%	0.037%
17	9.769	1131	1136	1141	rBV	33267	58671	0.15%	0.051%
18	9.834	1141	1147	1162	rVB2	977960	1872792	4.71%	1.612%
19	10.363	1230	1237	1245	rBV	1457846	2434858	6.13%	2.096%
20	10.746	1294	1302	1309	rBV	1147513	1893080	4.76%	1.630%
21	10.910	1323	1330	1346	rBV	1270768	2157393	5.43%	1.857%
22	11.434	1413	1419	1425	rBV	91826	165630	0.42%	0.143%
23	11.787	1472	1479	1483	rBV6	24567	50454	0.13%	0.043%
24	12.016	1511	1518	1526	rBV	158790	268017	0.67%	0.231%
25	12.210	1544	1551	1558	rBV2	52584	100632	0.25%	0.087%
26	12.328	1564	1571	1578	rVB5	30363	66393	0.17%	0.057%
27	13.122	1699	1706	1709	rBV2	38842	75636	0.19%	0.065%
28	13.169	1709	1714	1721	rVB	305849	476987	1.20%	0.411%
29	13.428	1752	1758	1763	rBV3	34136	62138	0.16%	0.053%
30	13.487	1763	1768	1774	rBV4	25817	43605	0.11%	0.038%
31	13.575	1777	1783	1791	rBV3	53481	104871	0.26%	0.090%
32	13.910	1836	1840	1848	rVB8	17236	43032	0.11%	0.037%
33	14.004	1849	1856	1863	rBV	3110163	4339357	10.92%	3.736%
34	14.287	1897	1904	1912	rBV	3439685	4945608	12.44%	4.258%
35	14.587	1947	1955	1964	rBV	1733836	2501112	6.29%	2.153%
36	14.822	1988	1995	2010	rBV	172502	379511	0.95%	0.327%

LSC Area Percent Report

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

37	15.581	2118	2124	2132	rBV	4462487	6522003	16.41%	5.615%
38	15.651	2132	2136	2141	rVV	78100	129302	0.33%	0.111%
39	15.716	2141	2147	2159	rVV	1424676	1894610	4.77%	1.631%
40	15.816	2159	2164	2174	rVB2	83641	140191	0.35%	0.121%
41	17.357	2420	2426	2434	rBV	2144445	2959154	7.44%	2.548%
42	17.457	2437	2443	2454	rVV2	5254367	7365131	18.53%	6.341%
43	18.204	2565	2570	2581	rBV	247591	393627	0.99%	0.339%
44	18.616	2636	2640	2654	rBV	80420	186223	0.47%	0.160%
45	19.269	2747	2751	2756	rBV	66657	87920	0.22%	0.076%
46	19.339	2759	2763	2767	rVB	57919	80585	0.20%	0.069%
47	19.439	2776	2780	2787	rBV	95993	135293	0.34%	0.116%
48	19.704	2819	2825	2830	rBV	6461255	8695490	21.88%	7.486%
49	21.133	3065	3068	3076	rBV2	133747	232214	0.58%	0.200%
50	21.463	3119	3124	3131	rBV	2434310	3152689	7.93%	2.714%
51	23.810	3516	3523	3538	rVB2	4183929	8607903	21.66%	7.411%
52	23.974	3544	3551	3560	rVB	1567819	3243489	8.16%	2.792%

Sum of corrected areas: 116157012

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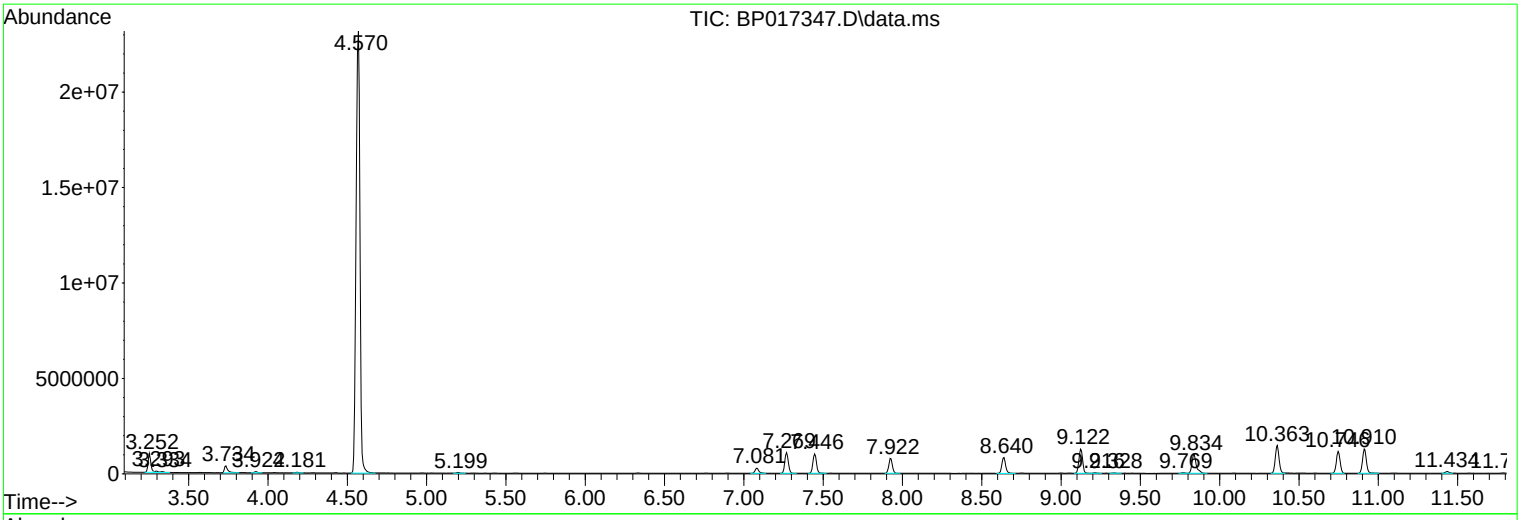
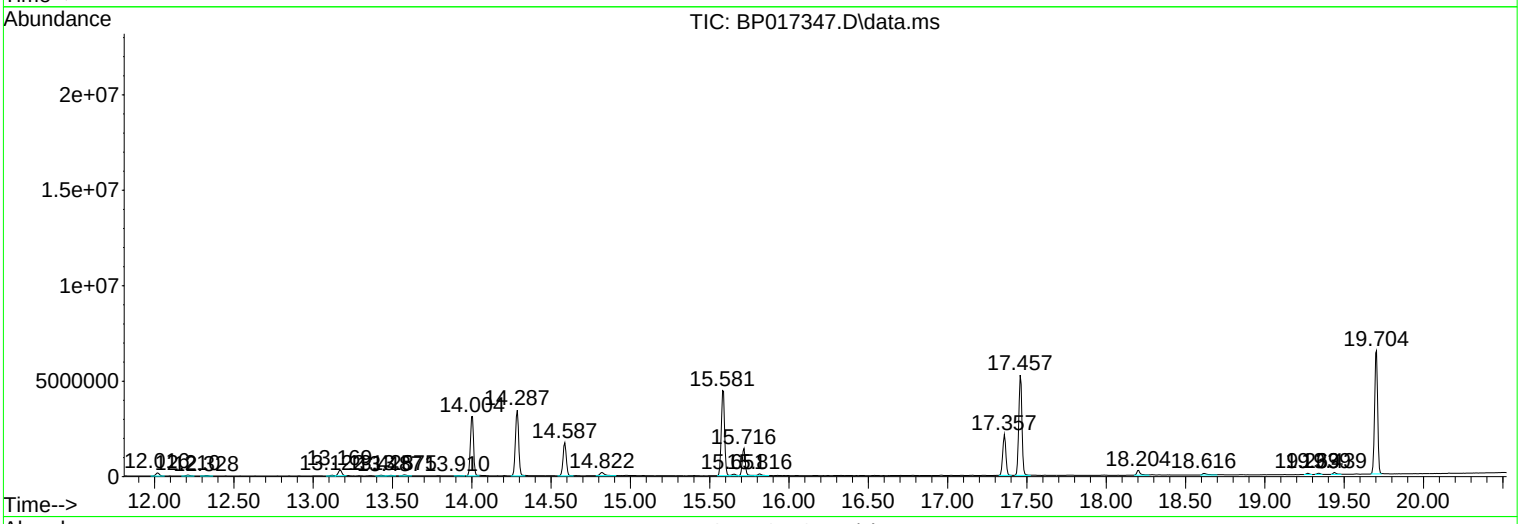
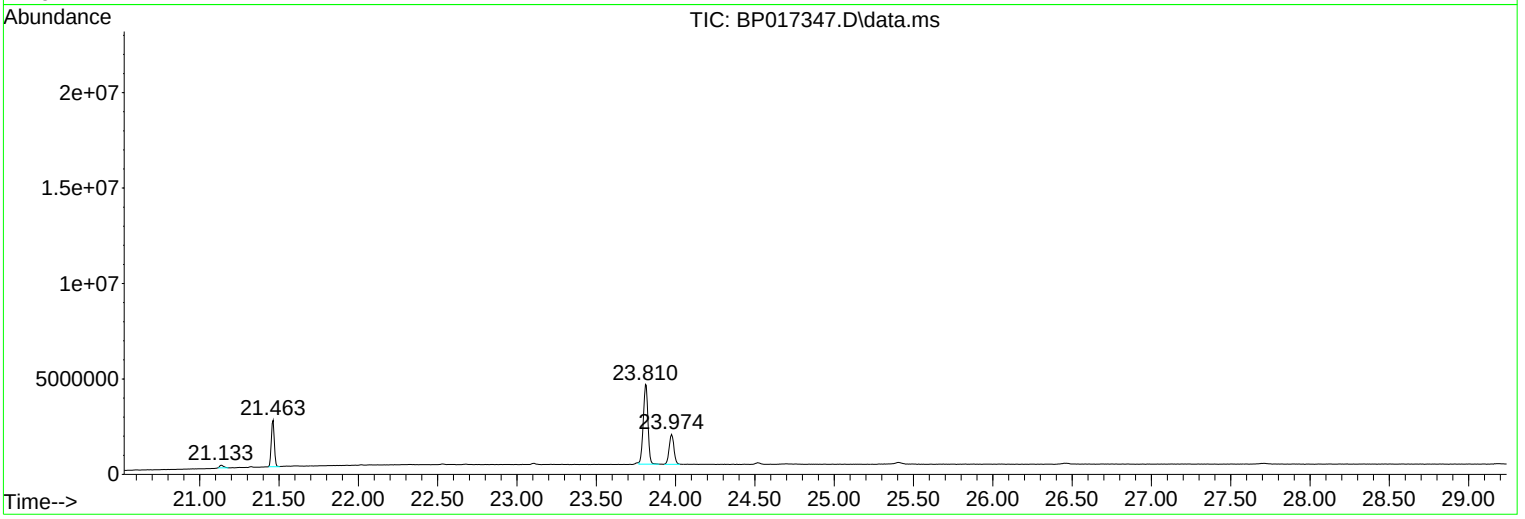
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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







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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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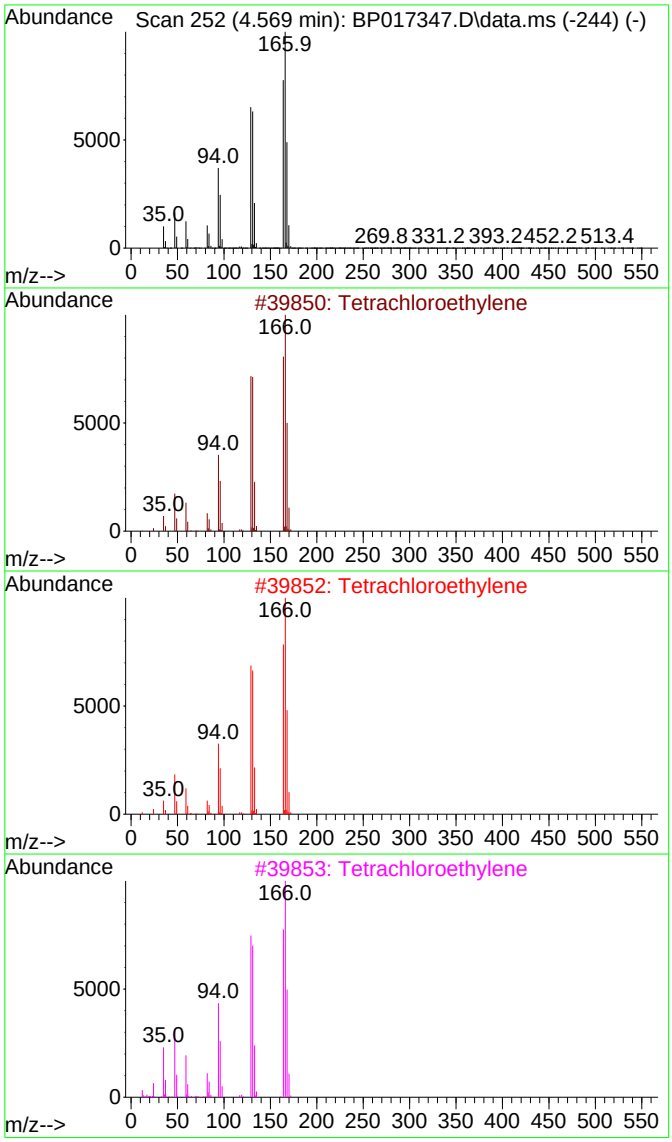
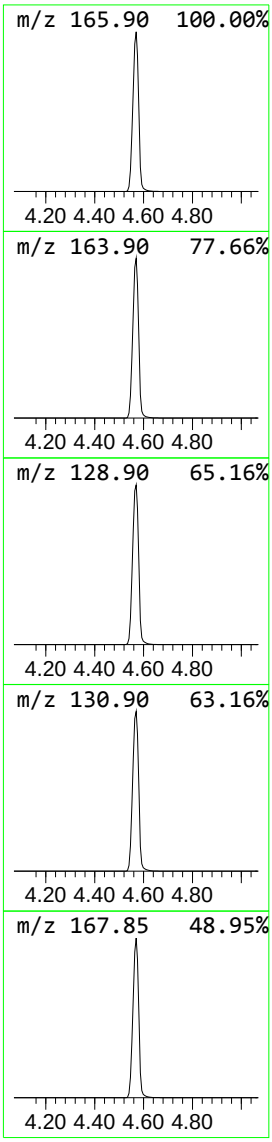
Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.569	644.00 ng/ul	39748500	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
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	38





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Instrument :
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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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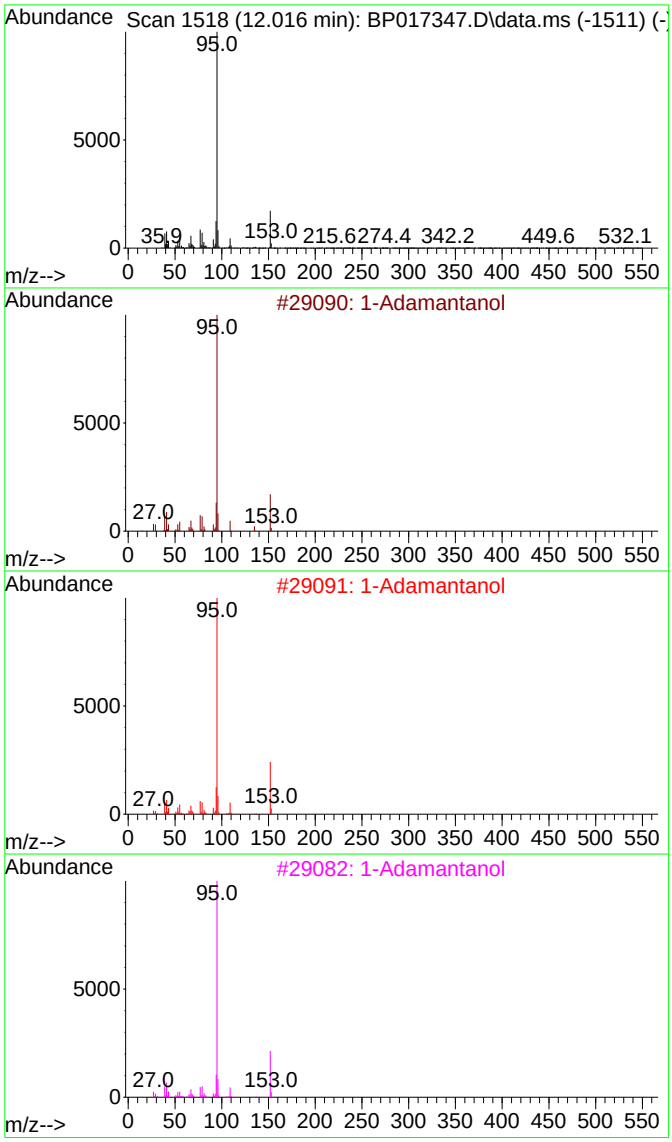
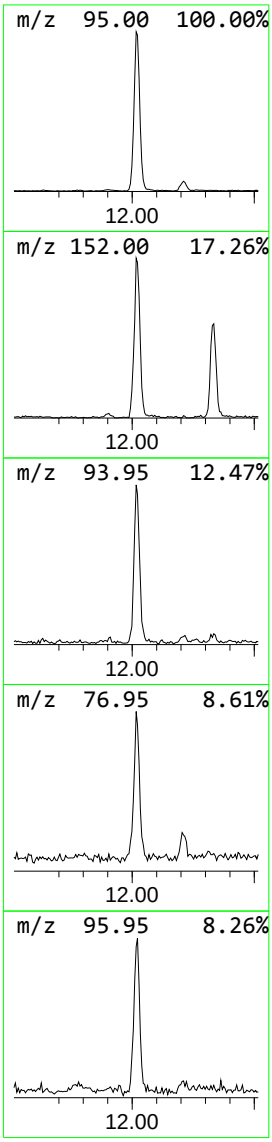
Peak Number 2 1-Adamantanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	2.83 ng/ul	268017	Naphthalene-d8	10.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	93
2	1-Adamantanol	152	C10H16O	000768-95-6	93
3	1-Adamantanol	152	C10H16O	000768-95-6	90
4	1-Adamantanol	152	C10H16O	000768-95-6	90
5	2-Furancarboxylic acid, 2-propen...	152	C8H8O3	004208-49-5	59





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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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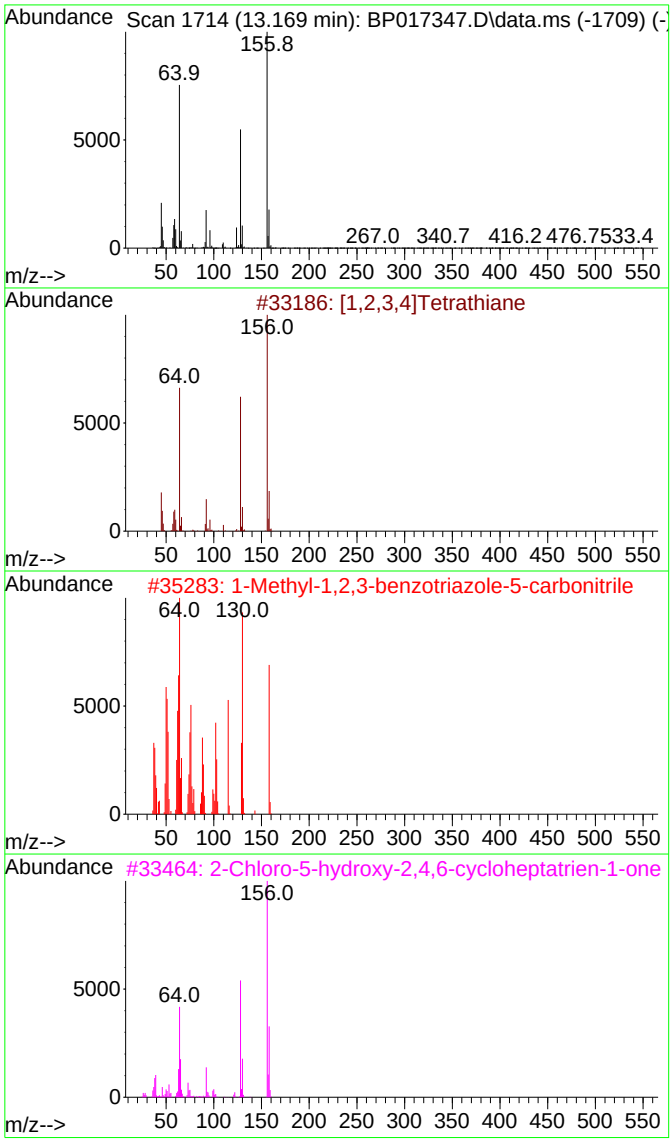
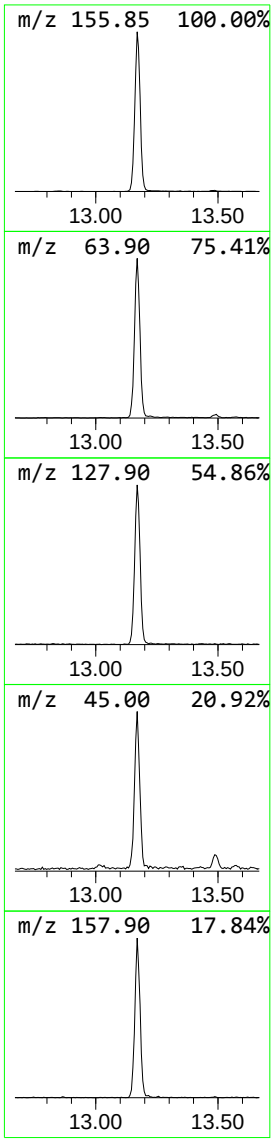
Peak Number 3 [1,2,3,4]Tetrathiane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	3.81 ng/ul	476987	Acenaphthene-d10	14.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,2,3,4]Tetrathiane	156	C2H4S4	000290-81-3	98
2	1-Methyl-1,2,3-benzotriazole-5-c...	158	C8H6N4	1000435-82-2	50
3	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
4	Hexathiane	192	S6	013798-23-7	42
5	7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	40





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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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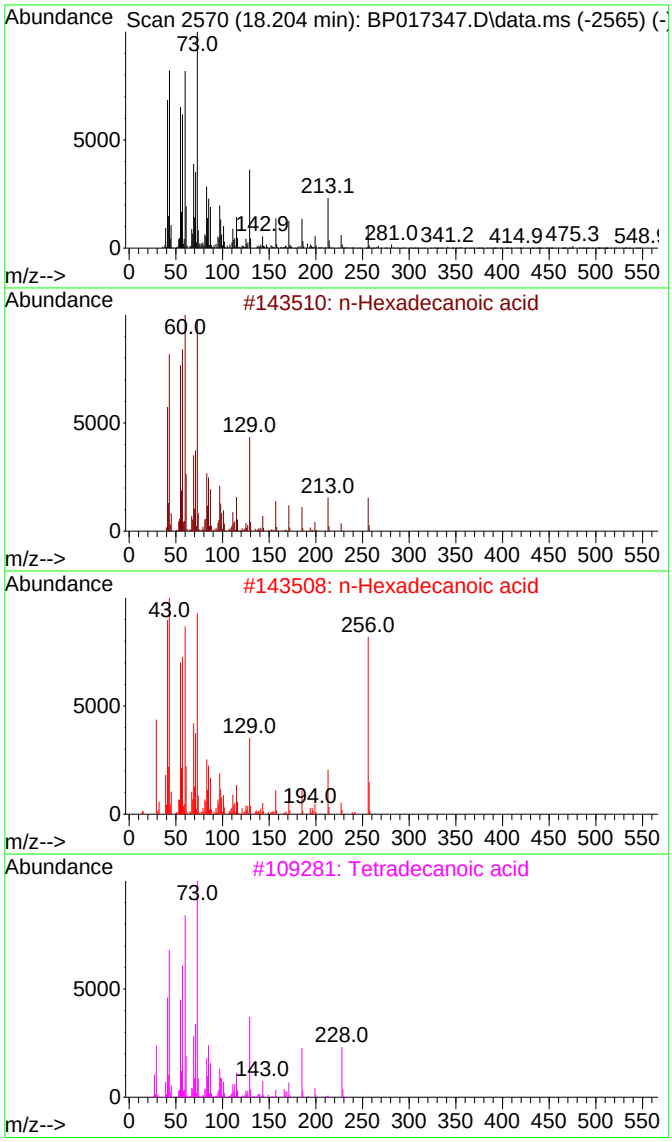
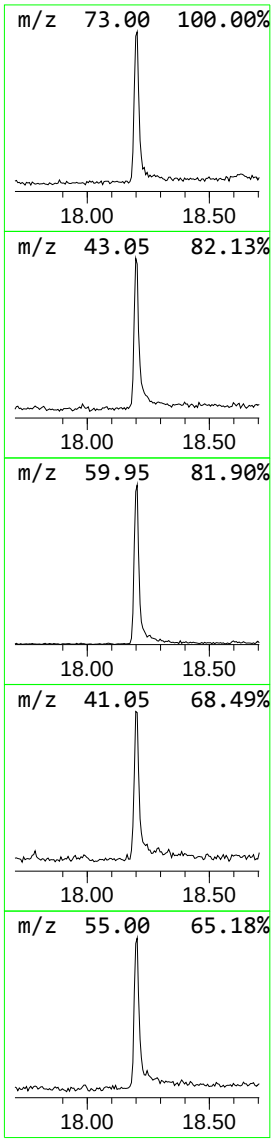
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	2.66 ng/ul	393627	Phenanthrene-d10	17.357

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	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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...	4.569	644.0	ng/ul	39748500	1	7.922	1234430	20.0
1-Adamantanol	12.016	2.8	ng/ul	268017	2	10.746	1893080	20.0
[1,2,3,4]Tetrat...	13.169	3.8	ng/ul	476987	3	14.587	2501110	20.0
n-Hexadecanoic ...	18.204	2.7	ng/ul	393627	4	17.357	2959150	20.0