LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017296.D
Acq On : 22 Sep 2023 20:34
Operator : MA/JU
Sample : 04410-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BBJM0

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: BP017296.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	25	29	34	rBV	44998	58089	0.35%	0.097%
2	3.305	34	37	40	rVB	35714	40360	0.24%	0.068%
3	3.746	109	112	128	rBV	108229	178473	1.08%	0.299%
4	3.928	139	143	149	rVB	33946	48802	0.29%	0.082%
5	4.187	184	187	192	rVB6	15380	19802	0.12%	0.033%
6	4.569	245	252	270	rVB	10933689	16565819	100.00%	27.738%
7	5.175	349	355	359	rBV	62098	96309	0.58%	0.161%
8	6.334	547	552	558	rBV4	11506	22693	0.14%	0.038%
9	7.093	674	681	691	rBV	135876	233762	1.41%	0.391%
10	7.275	705	712	722	rBV	626745	938069	5.66%	1.571%
11	7.452	735	742	751	rBV	561620	906430	5.47%	1.518%
12	7.534	751	756	767	rVB	25014	55366	0.33%	0.093%
13	7.934	815	824	837	rBV	530407	830622	5.01%	1.391%
14	8.646	939	945	958	rBV	400513	656211	3.96%	1.099%
15	9.134	1020	1028	1042	rBV	663643	1114230	6.73%	1.866%
16	9.334	1058	1062	1068	rVB2	10115	17563	0.11%	0.029%
17	9.846	1141	1149	1163	rBV	535891	878087	5.30%	1.470%
18	10.369	1229	1238	1249	rBV	779315	1353146	8.17%	2.266%
19	10.757	1296	1304	1311	rBV	688458	1148581	6.93%	1.923%
20	10.922	1325	1332	1343	rBV	340153	596848	3.60%	0.999%
21	11.575	1438	1443	1454	rVB	8186	19940	0.12%	0.033%
22	12.340	1567	1573	1579	rBV2	16007	27543	0.17%	0.046%
23	13.434	1753	1759	1767	rBV	99729	165964	1.00%	0.278%
24	14.010	1850	1857	1864	rBV	1696187	2304419	13.91%	3.859%
25	14.210	1883	1891	1897	rBV	8816	21609	0.13%	0.036%
26	14.292	1898	1905	1922	rVV2	1895707	2702387	16.31%	4.525%
27	14.592	1949	1956	1966	rBV	1049528	1499739	9.05%	2.511%
28	14.828	1990	1996	2008	rBV	80264	183546	1.11%	0.307%
29	15.592	2119	2126	2134	rBV	2546218	3610358	21.79%	6.045%
30	15.657	2134	2137	2142	rVV5	25464	42762	0.26%	0.072%
31	15.722	2142	2148	2162	rVV	729576	963576	5.82%	1.613%
32	15.828	2162	2166	2169	rVB5	11565	16926	0.10%	0.028%
33	16.128	2212	2217	2222	rBV	29863	38471	0.23%	0.064%
34	16.651	2301	2306	2309	rBV3	15972	22412	0.14%	0.038%
35	17.245	2402	2407	2410	rVB3	12061	22074	0.13%	0.037%
36	17.363	2421	2427	2438	rBV	1382897	1925422	11.62%	3.224%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

37	17.463	2438	2444	2460	rVV	2964599	4138637	24.98%	6.930%
38	17.986	2529	2533	2537	rBV	45046	51791	0.31%	0.087%
39	18.210	2566	2571	2582	rBV	322122	500114	3.02%	0.837%
40	19.122	2723	2726	2735	rVB2	97898	118457	0.72%	0.198%
41	19.275	2749	2752	2756	rBV2	38055	49456	0.30%	0.083%
42	19.345	2762	2764	2767	rVB	37824	35273	0.21%	0.059%
43	19.445	2777	2781	2791	rBV	121390	189952	1.15%	0.318%
44	19.710	2820	2826	2833	rBV	3919964	5285193	31.90%	8.850%
45	21.145	3066	3070	3078	rVB	303265	467707	2.82%	0.783%
46	21.469	3120	3125	3130	rBV	1686818	2119022	12.79%	3.548%
47	23.821	3518	3525	3539	rVB2	2483076	5184032	31.29%	8.680%
48	23.986	3547	3553	3564	rVB	1106508	2256951	13.62%	3.779%

Sum of corrected areas: 59722995

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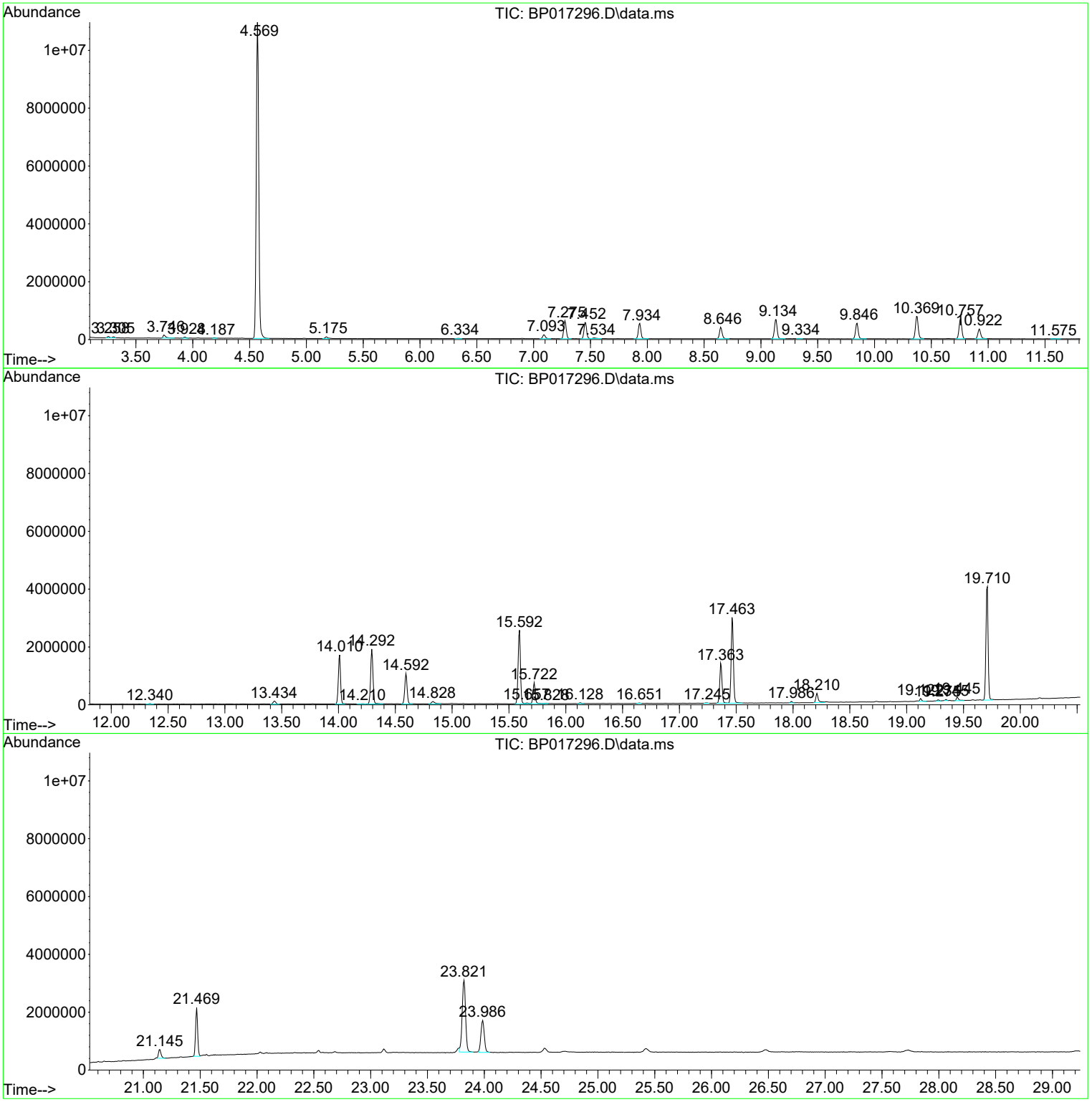
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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



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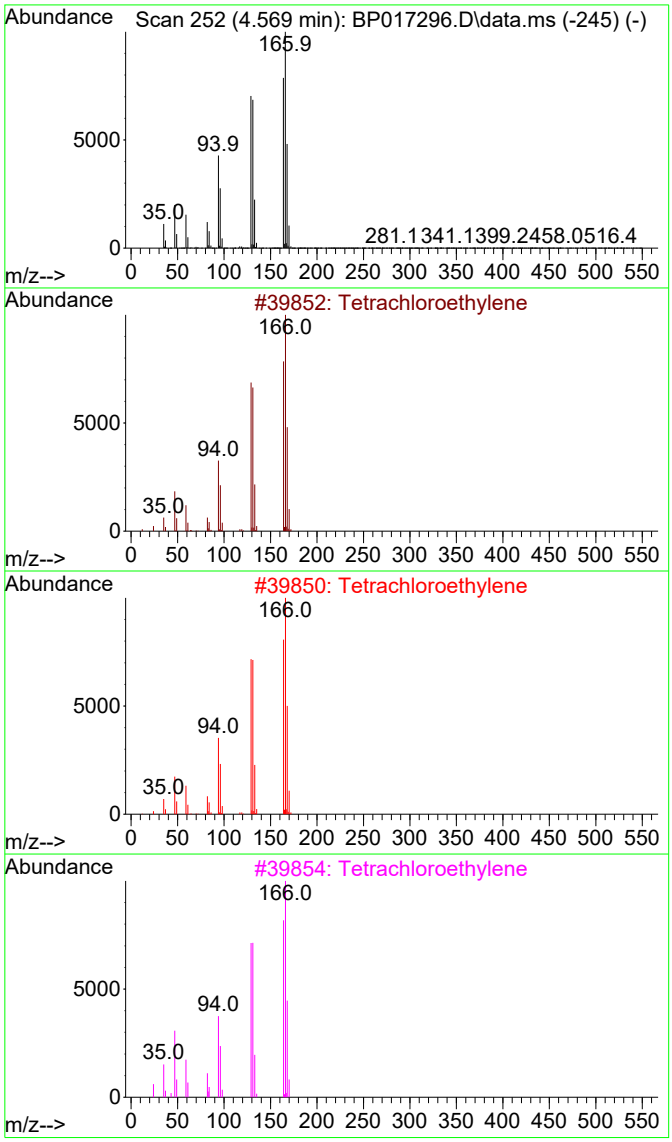
Quant Title : SVOA CALIBRATION

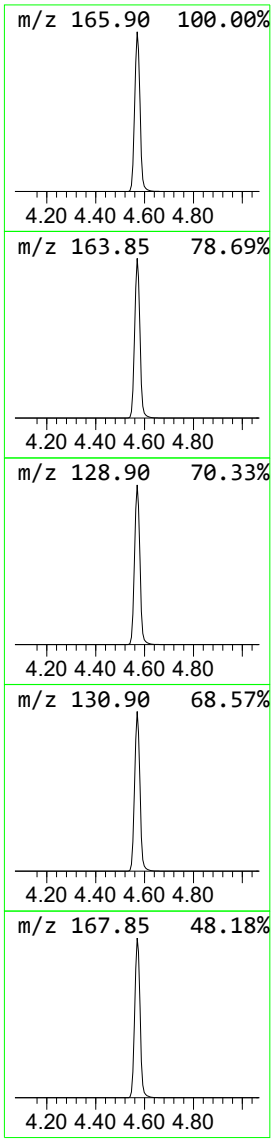
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.569	398.88 ng/ul	16565800	1,4-Dichlorobenzene-d4	7.934

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	98
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	87
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





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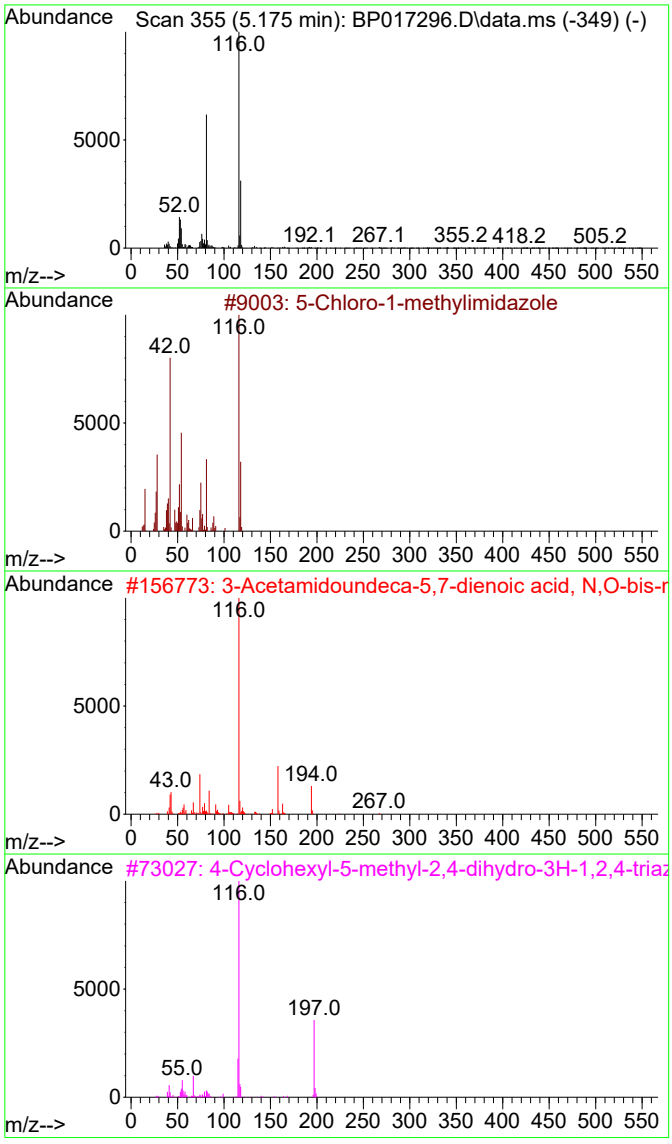
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

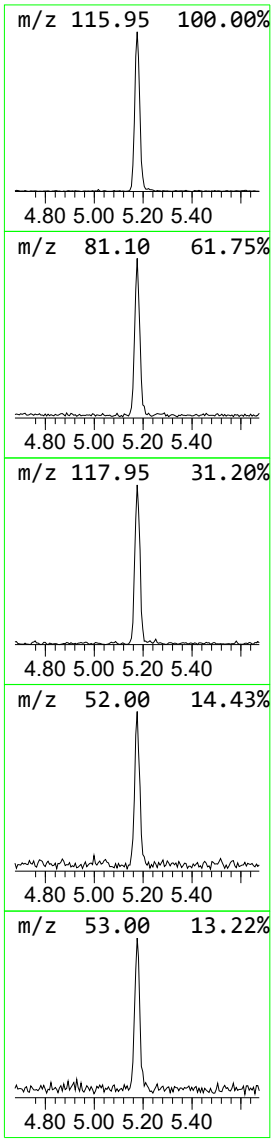
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 5-Chloro-1-methylimidazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.175	2.32 ng/ul	96309	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chloro-1-methylimidazole	116	C4H5ClN2	000872-49-1	50
2	3-Acetamidoundeca-5,7-dienoic ac...	267	C15H25NO3	1000505-84-1	37
3	4-Cyclohexyl-5-methyl-2,4-dihydr...	197	C9H15N3S	038942-56-2	28
4	Alanine, N-methyl-N-methoxycarbo...	413	C24H47NO4	1000329-19-9	25
5	.alpha.-Bromo-p-tolunitrile	195	C8H6BrN	017201-43-3	25





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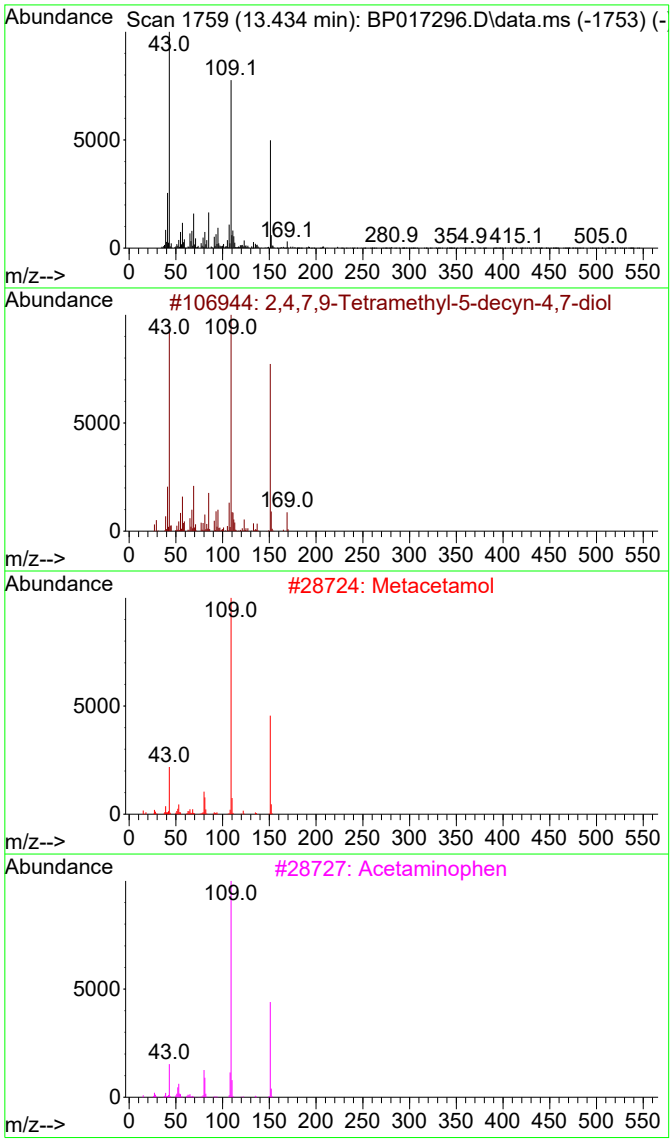
Quant Title : SVOA CALIBRATION

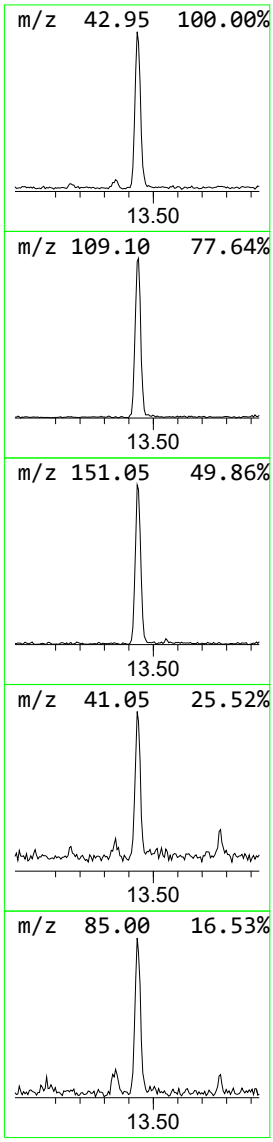
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.434	2.21 ng/ul	165964	Acenaphthene-d10	14.592

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	Metacetamol	151	C8H9NO2	000621-42-1	64
3	Acetaminophen	151	C8H9NO2	000103-90-2	59
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
5	Metacetamol	151	C8H9NO2	000621-42-1	59





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ClientSampleId :
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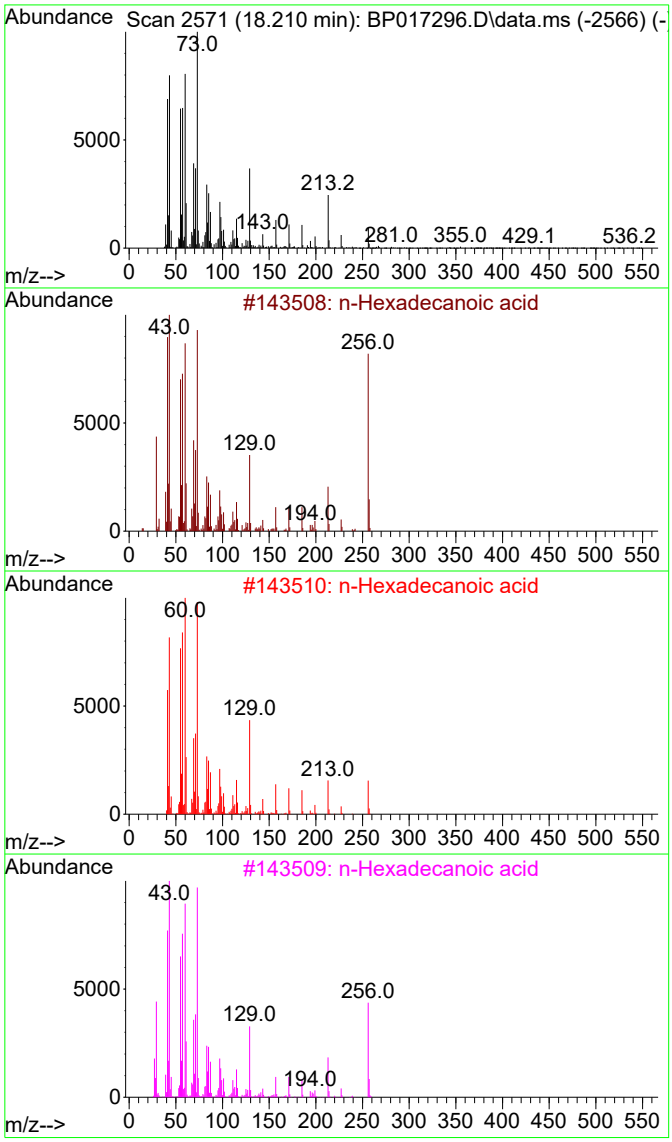
Quant Title : SVOA CALIBRATION

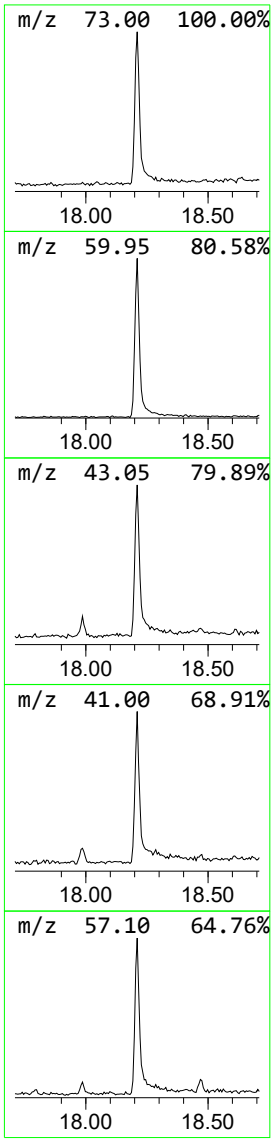
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	5.19 ng/ul	500114	Phenanthrene-d10	17.363

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	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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ClientSampleId :
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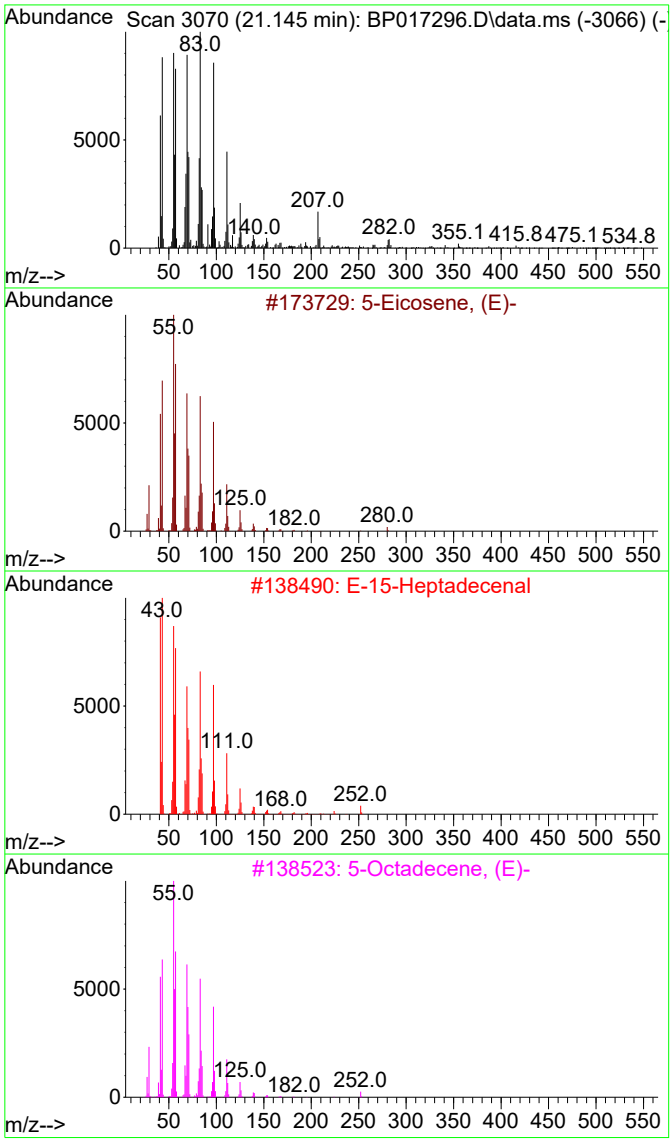
Quant Title : SVOA CALIBRATION

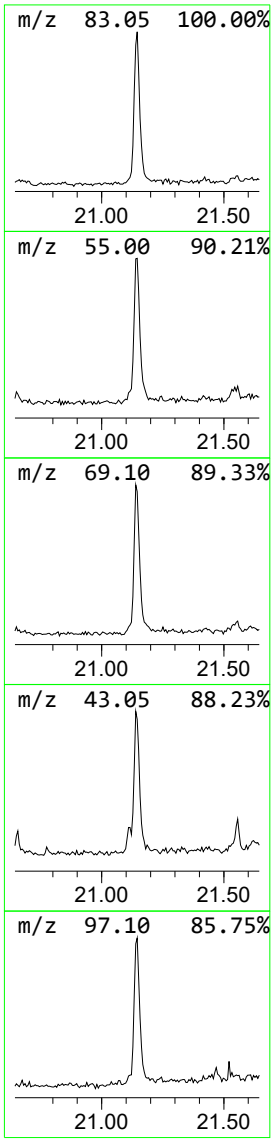
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	4.41 ng/ul	467707	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	97
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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	398.9	ng/ul	16565800	1	7.934	830622	20.0
5-Chloro-1-meth...	5.175	2.3	ng/ul	96309	1	7.934	830622	20.0
2,4,7,9-Tetrame...	13.434	2.2	ng/ul	165964	3	14.592	1499740	20.0
n-Hexadecanoic ...	18.210	5.2	ng/ul	500114	4	17.363	1925420	20.0
(DEL) Alkane: S...	21.145	4.4	ng/ul	467707	5	21.468	2119020	20.0