LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017303.D
Acq On : 23 Sep 2023 00:34
Operator : MA/JU
Sample : 04410-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBJG7

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: BP017303.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	rBV2	60620	87137	0.55%	0.113%
2	3.305	34	37	42	rVB	42308	49565	0.31%	0.065%
3	3.605	85	88	94	rVB	12677	16932	0.11%	0.022%
4	3.740	107	111	127	rBV	357361	553896	3.47%	0.721%
5	3.928	139	143	152	rVB	46184	73604	0.46%	0.096%
6	4.187	184	187	192	rVB4	15663	20437	0.13%	0.027%
7	4.434	226	229	233	rVB2	13789	17988	0.11%	0.023%
8	4.569	245	252	274	rBV	10028755	15976589	100.00%	20.792%
9	6.340	548	553	558	rBV	15664	22169	0.14%	0.029%
10	6.899	644	648	654	rVB4	18143	26241	0.16%	0.034%
11	7.087	674	680	689	rBV	228219	367872	2.30%	0.479%
12	7.275	704	712	722	rBV	808867	1244705	7.79%	1.620%
13	7.452	735	742	750	rBV	826172	1314238	8.23%	1.710%
14	7.528	750	755	765	rVB	66645	129924	0.81%	0.169%
15	7.934	816	824	838	rBV	583236	935787	5.86%	1.218%
16	8.646	936	945	964	rBV	698614	1143104	7.15%	1.488%
17	9.128	1019	1027	1035	rBV	946238	1552299	9.72%	2.020%
18	9.328	1058	1061	1067	rVB3	14241	23517	0.15%	0.031%
19	9.846	1141	1149	1160	rBV	779261	1272809	7.97%	1.656%
20	10.369	1230	1238	1258	rBV	1253449	2114301	13.23%	2.752%
21	10.757	1296	1304	1312	rBV	818878	1377424	8.62%	1.793%
22	10.922	1323	1332	1351	rBV	1021171	1768384	11.07%	2.301%
23	11.769	1470	1476	1482	rBV3	17738	40033	0.25%	0.052%
24	12.340	1565	1573	1578	rBV3	23197	42584	0.27%	0.055%
25	13.434	1753	1759	1771	rBV	402394	639816	4.00%	0.833%
26	13.775	1812	1817	1823	rBV2	17702	29133	0.18%	0.038%
27	14.010	1850	1857	1871	rBV	2443119	3381824	21.17%	4.401%
28	14.292	1898	1905	1913	rBV	2874765	4033853	25.25%	5.250%
29	14.592	1947	1956	1965	rVB	1278850	1829536	11.45%	2.381%
30	14.828	1990	1996	2009	rBV	152504	308628	1.93%	0.402%
31	15.592	2119	2126	2133	rBV	3782538	5202371	32.56%	6.771%
32	15.663	2133	2138	2142	rVV	90776	136800	0.86%	0.178%
33	15.722	2142	2148	2156	rVV	1064533	1407315	8.81%	1.832%
34	15.828	2162	2166	2169	rVB2	14895	16454	0.10%	0.021%
35	16.069	2200	2207	2211	rBV9	11023	25919	0.16%	0.034%
36	16.128	2213	2217	2223	rVV	31515	48840	0.31%	0.064%

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Instrument :
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ClientSampleId :
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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Title : SVOA CALIBRATION

37	16.604	2294	2298	2301	rBV4	10358	19451	0.12%	0.025%
38	16.645	2302	2305	2310	rVV2	22522	28073	0.18%	0.037%
39	16.710	2313	2316	2326	rVB2	20698	36622	0.23%	0.048%
40	17.098	2378	2382	2387	rBV3	23655	32656	0.20%	0.042%
41	17.363	2421	2427	2437	rBV	1630394	2272989	14.23%	2.958%
42	17.463	2438	2444	2460	rVV2	4129772	5845604	36.59%	7.608%
43	17.986	2529	2533	2540	rVB	77864	99075	0.62%	0.129%
44	18.210	2566	2571	2582	rBV	538065	796438	4.99%	1.037%
45	19.122	2723	2726	2733	rVB	176107	201621	1.26%	0.262%
46	19.274	2749	2752	2756	rVB	50101	60234	0.38%	0.078%
47	19.345	2761	2764	2768	rVB	60769	80704	0.51%	0.105%
48	19.445	2777	2781	2788	rBV	162383	245271	1.54%	0.319%
49	19.704	2820	2825	2832	rBV	5434292	6984795	43.72%	9.090%
50	21.139	3065	3069	3078	rBV2	400253	600612	3.76%	0.782%
51	21.468	3120	3125	3131	rBV	1927590	2476494	15.50%	3.223%
52	23.821	3518	3525	3536	rVB2	3556640	7130849	44.63%	9.280%
53	23.980	3546	3552	3562	rVB	1308264	2694866	16.87%	3.507%

Sum of corrected areas: 76838382

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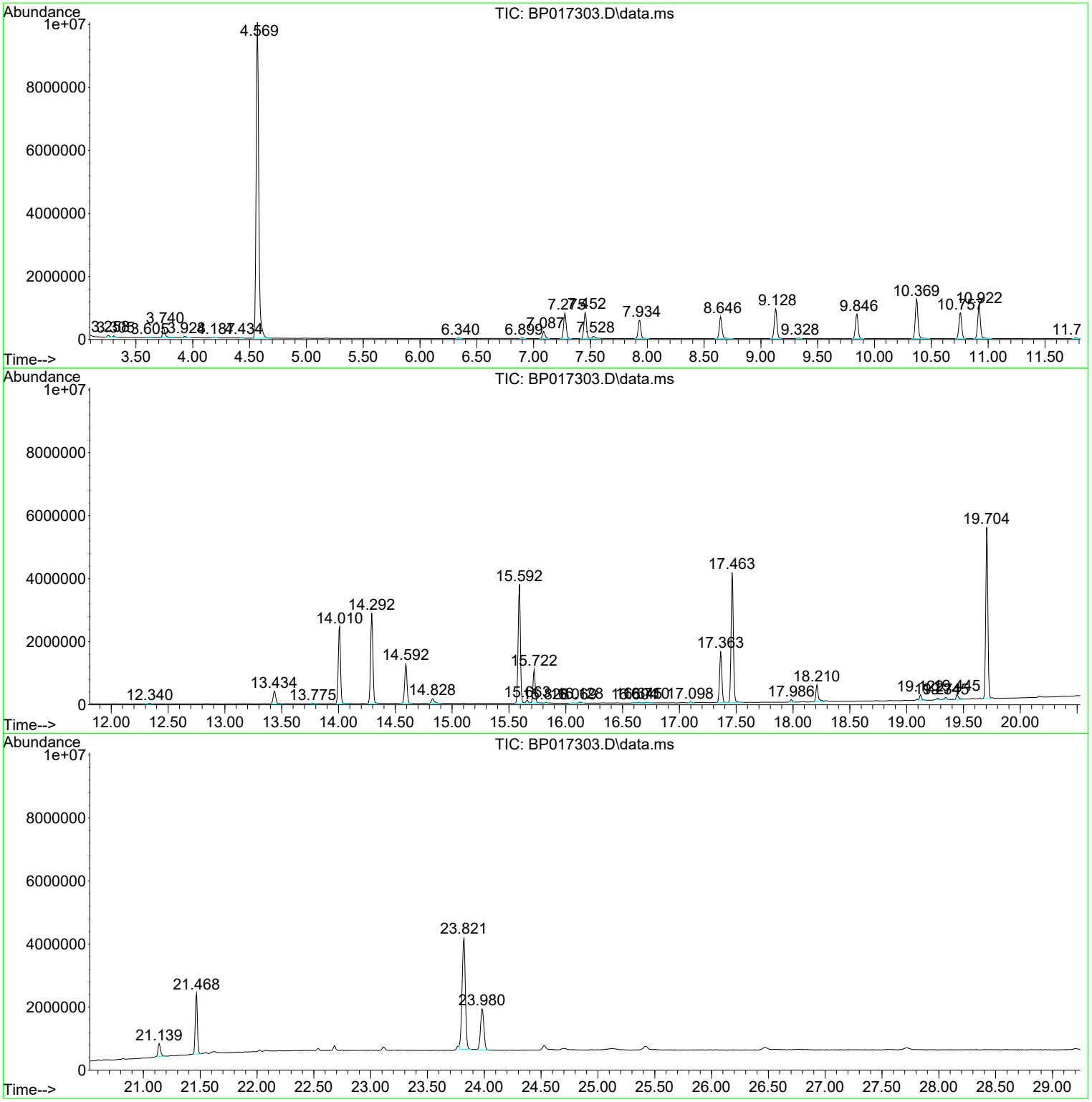
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : MA/JU
Sample : 04410-18
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ALS Vial : 28 Sample Multiplier: 1

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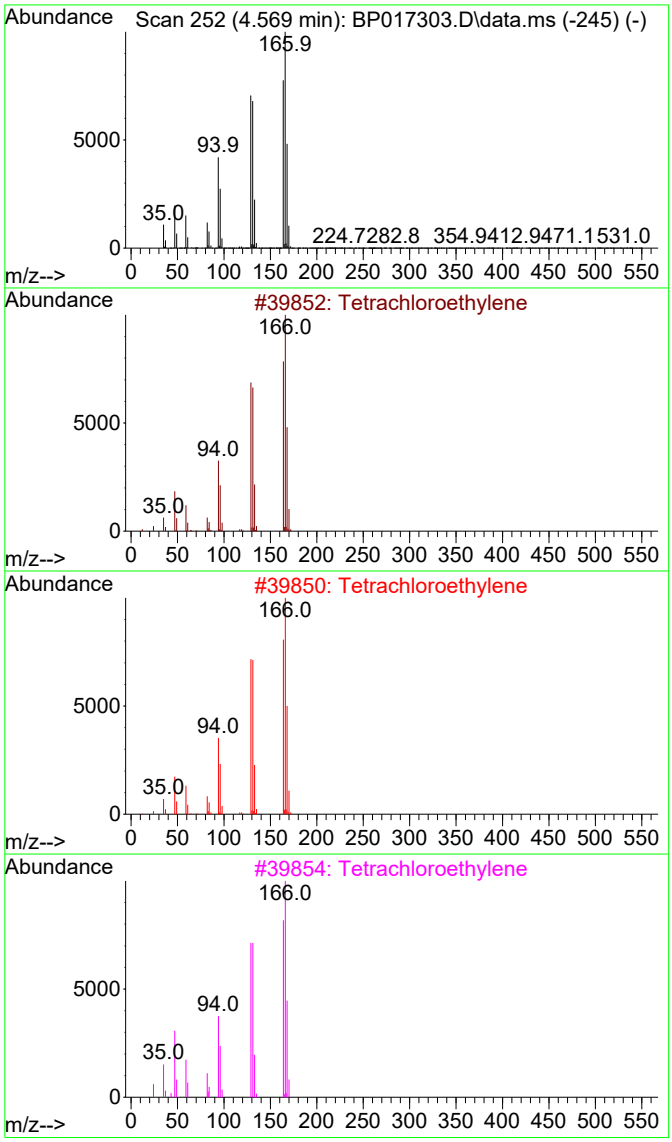
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

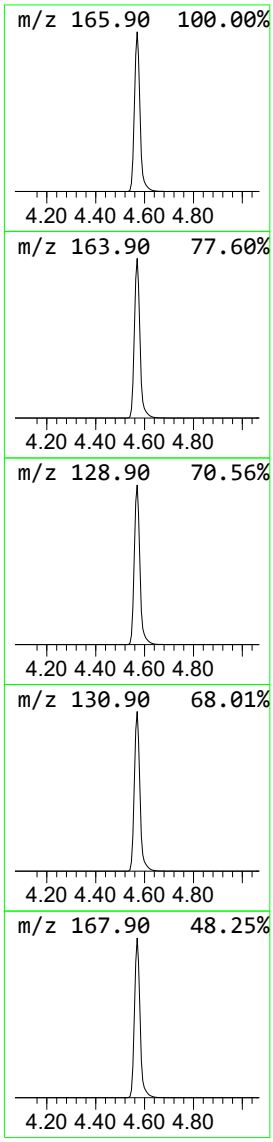
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.569	341.46 ng/ul	15976600	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	93
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38





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Instrument :
BNA_P
ClientSampleId :
BBJG7

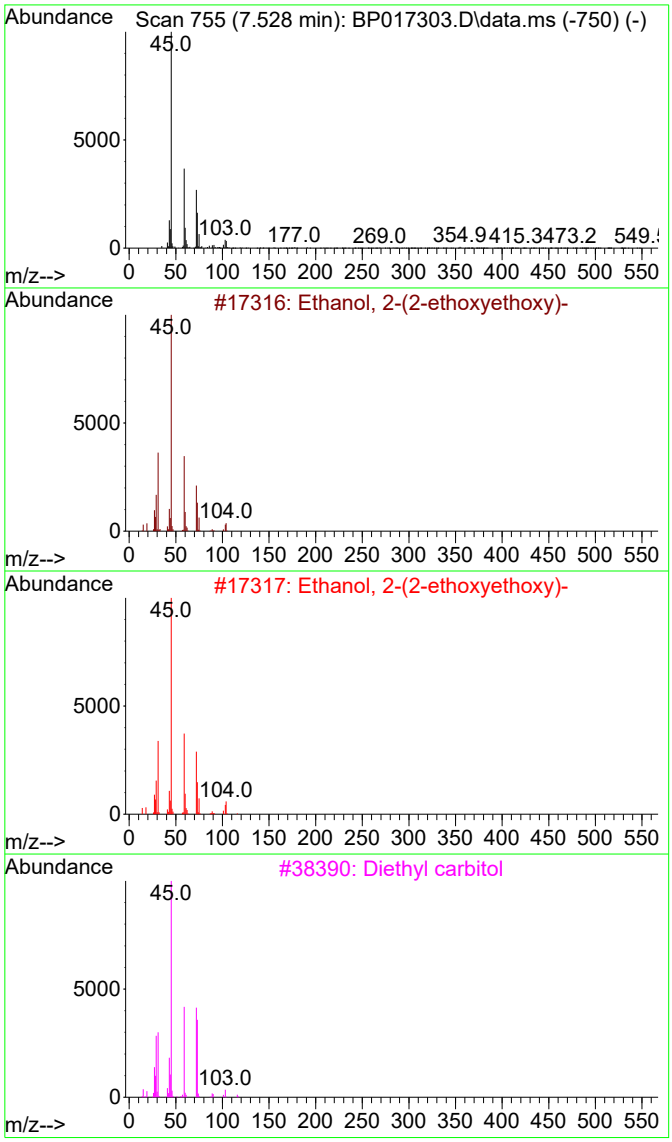
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

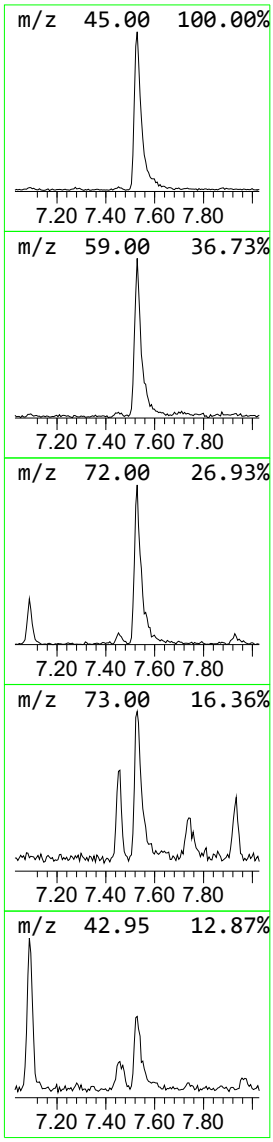
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.528	2.78 ng/ul	129924	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
3	Diethyl carbitol	162	C8H18O3	000112-36-7	72
4	Diethyl carbitol	162	C8H18O3	000112-36-7	72
5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
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ClientSampleId :
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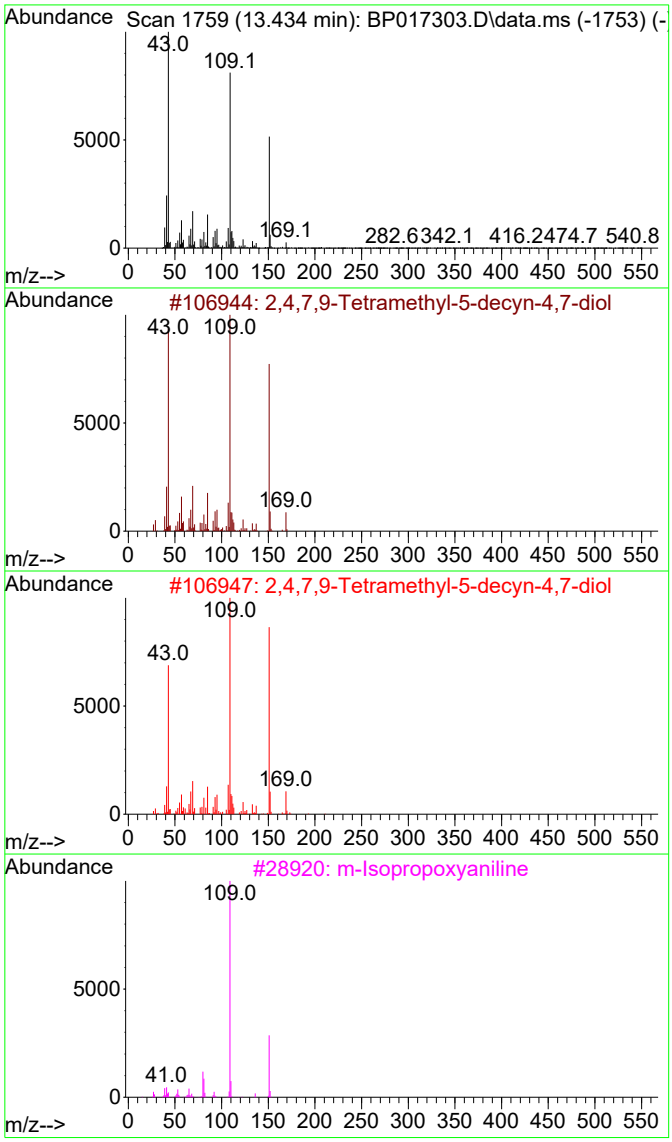
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

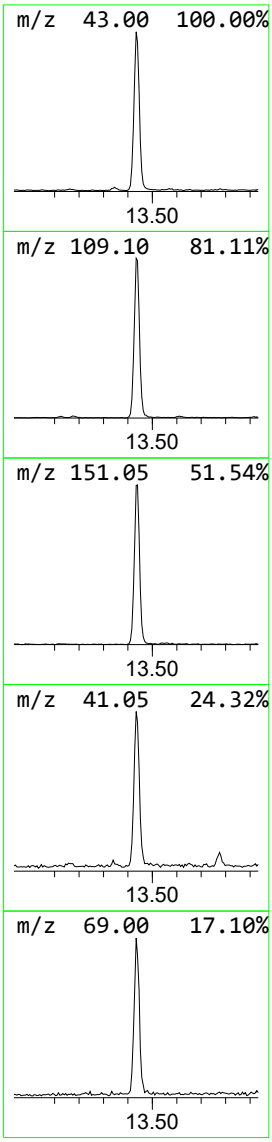
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.434	6.99 ng/ul	639816	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	64
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	64
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
5	Acetaminophen	151	C8H9NO2	000103-90-2	59





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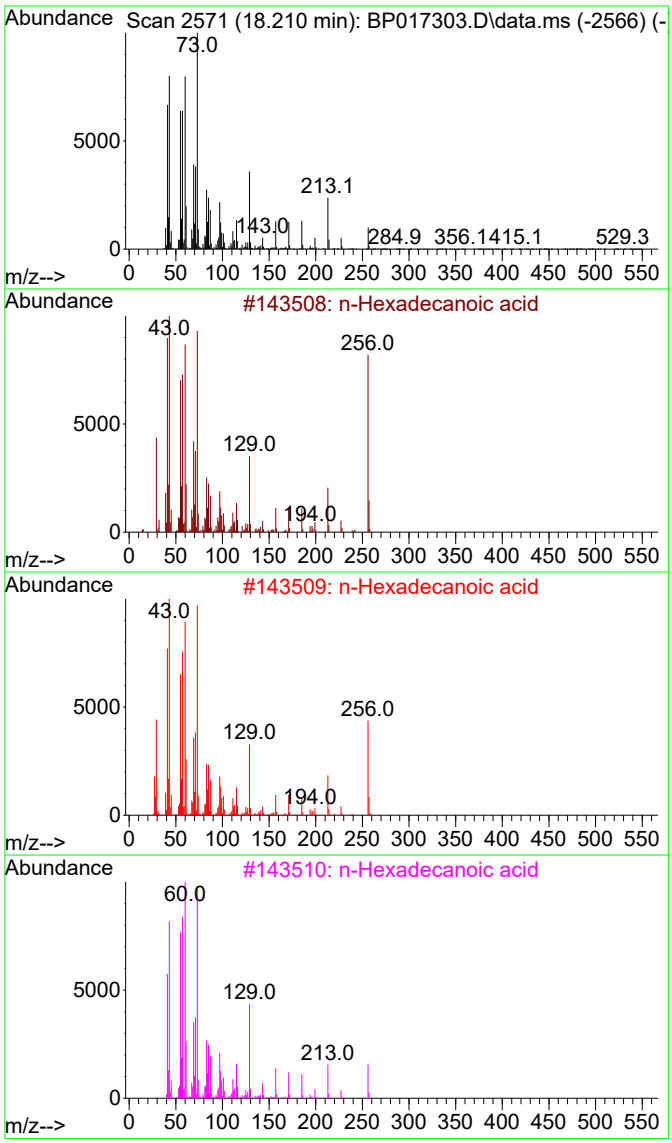
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

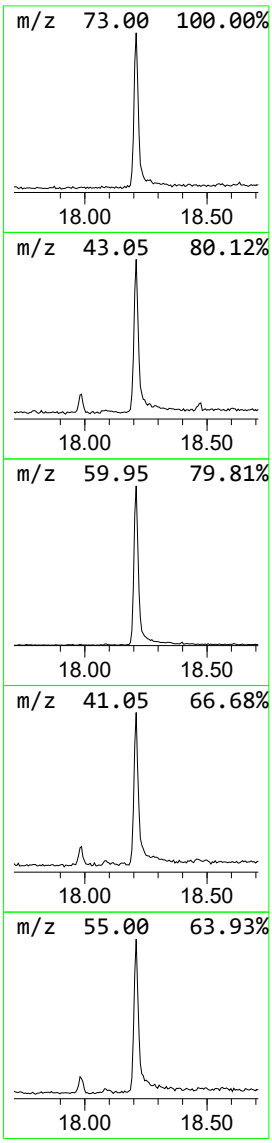
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	7.01 ng/ul	796438	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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





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

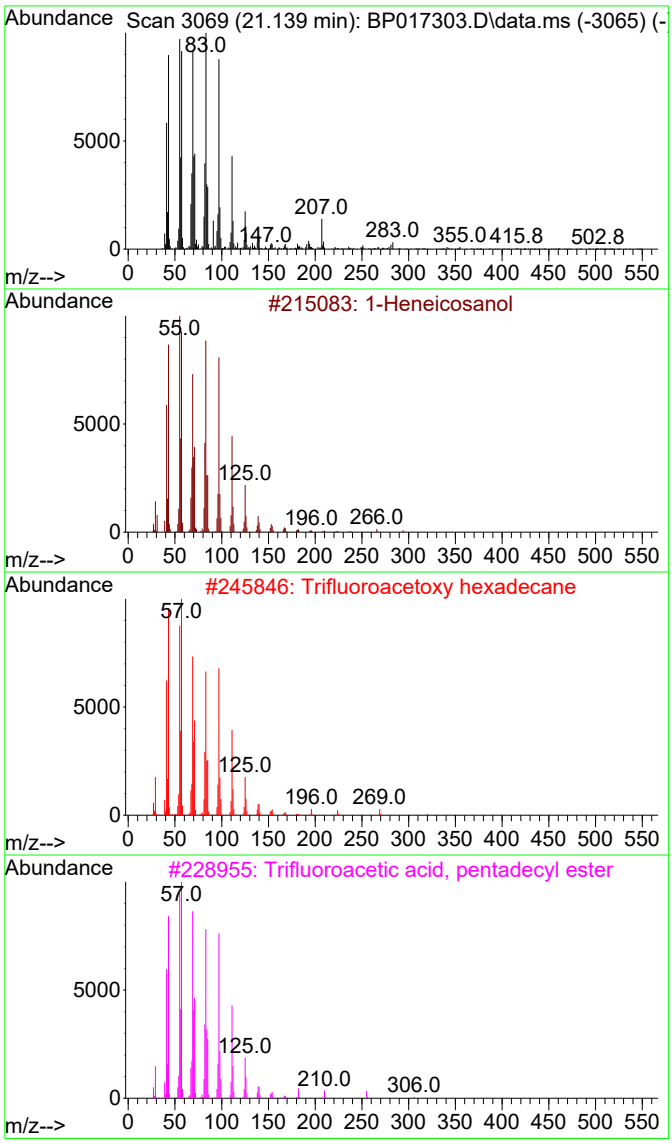
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

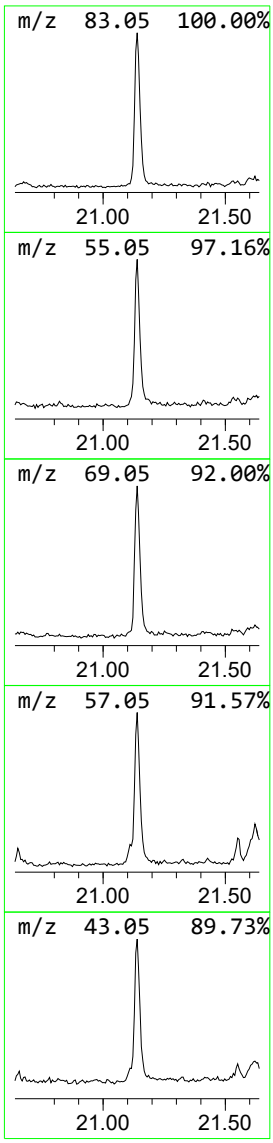
****

Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	4.85 ng/ul	600612	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Eicosyl methyl ether	312	C21H44O	1000406-29-4	91





Tentatively Identified Compound (LSC) summary

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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...	4.569	341.5	ng/ul	15976600	1	7.934	935787	20.0
Ethanol, 2-(2-e...	7.528	2.8	ng/ul	129924	1	7.934	935787	20.0
2,4,7,9-Tetrame...	13.434	7.0	ng/ul	639816	3	14.592	1829540	20.0
n-Hexadecanoic ...	18.210	7.0	ng/ul	796438	4	17.363	2272990	20.0
1-Heneicosanol	21.139	4.8	ng/ul	600612	5	21.468	2476490	20.0