LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
Data File : BP017284.D
Acq On : 22 Sep 2023 11:12
Operator : MA/JU
Sample : 04387-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

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: BP017284.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.305	33	37	42	rVB	43439	51449	0.75%	0.083%
2	3.740	107	111	127	rBV	625892	910890	13.20%	1.475%
3	4.046	160	163	170	rVB	30359	39739	0.58%	0.064%
4	6.898	645	648	658	rVB9	11020	22125	0.32%	0.036%
5	7.093	674	681	695	rBV	822386	1287961	18.66%	2.085%
6	7.275	704	712	725	rVB	622192	986183	14.29%	1.596%
7	7.457	736	743	752	rBV	811750	1245936	18.05%	2.017%
8	7.540	752	757	766	rVB	21832	48993	0.71%	0.079%
9	7.934	818	824	833	rVB	856576	1322620	19.17%	2.141%
10	8.651	939	946	960	rBV	1016986	1644437	23.83%	2.662%
11	9.134	1020	1028	1041	rBV	803280	1275706	18.49%	2.065%
12	9.845	1142	1149	1161	rBV	694836	1128682	16.36%	1.827%
13	10.375	1229	1239	1251	rBV	1075851	1793354	25.99%	2.903%
14	10.757	1297	1304	1312	rBV	1131328	1849405	26.80%	2.994%
15	10.922	1320	1332	1348	rBV	1040065	1792797	25.98%	2.902%
16	11.151	1364	1371	1372	rBV5	8552	14583	0.21%	0.024%
17	12.345	1567	1574	1579	rBV2	21909	37383	0.54%	0.061%
18	12.898	1663	1668	1674	rBV	59609	108514	1.57%	0.176%
19	12.969	1674	1680	1695	rVB	161252	326235	4.73%	0.528%
20	13.439	1752	1760	1770	rBV3	91992	207917	3.01%	0.337%
21	13.528	1770	1775	1782	rVV	62644	128395	1.86%	0.208%
22	13.610	1784	1789	1794	rVV	104563	196592	2.85%	0.318%
23	13.669	1794	1799	1811	rVV	104914	233717	3.39%	0.378%
24	13.775	1815	1817	1820	rVV4	11050	14788	0.21%	0.024%
25	14.010	1851	1857	1874	rBV	2036186	2767935	40.11%	4.481%
26	14.298	1898	1906	1916	rBV	2305832	3311909	47.99%	5.361%
27	14.598	1950	1957	1967	rBV	1574374	2286607	33.13%	3.702%
28	14.780	1981	1988	1989	rBV3	12002	25286	0.37%	0.041%
29	14.827	1990	1996	2011	rVV	802690	1345239	19.49%	2.178%
30	14.998	2023	2025	2028	rVB4	9425	9100	0.13%	0.015%
31	15.039	2028	2032	2038	rVB7	10740	14723	0.21%	0.024%
32	15.210	2056	2061	2067	rVB3	18142	26322	0.38%	0.043%
33	15.339	2078	2083	2086	rVB4	6501	8432	0.12%	0.014%
34	15.592	2118	2126	2139	rBV	2988110	4288336	62.14%	6.942%
35	15.722	2141	2148	2158	rVV	845611	1133563	16.43%	1.835%
36	15.827	2162	2166	2170	rVB4	12508	18520	0.27%	0.030%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_P
ClientSampleId :
C0AF4

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	16.716	2313	2317	2322	rBV8	5921	9941	0.14%	0.016%
38	17.233	2400	2405	2408	rVB6	8822	15580	0.23%	0.025%
39	17.368	2421	2428	2438	rBV	1994076	2822777	40.90%	4.569%
40	17.468	2438	2445	2457	rBV	3289880	4640076	67.24%	7.511%
41	17.557	2457	2460	2467	rVB9	16748	25560	0.37%	0.041%
42	17.986	2530	2533	2540	rVB2	29292	37839	0.55%	0.061%
43	18.210	2566	2571	2581	rBV	238971	361127	5.23%	0.585%
44	18.298	2583	2586	2594	rVB	19472	34429	0.50%	0.056%
45	18.580	2632	2634	2642	rBV4	12223	23393	0.34%	0.038%
46	19.280	2750	2753	2756	rBV	41747	45298	0.66%	0.073%
47	19.351	2760	2765	2772	rVB	57655	94035	1.36%	0.152%
48	19.445	2777	2781	2788	rBV2	91814	149115	2.16%	0.241%
49	19.710	2820	2826	2835	rBV	4787630	6026403	87.33%	9.755%
50	20.627	2978	2982	2986	rBV	1178201	1232936	17.87%	1.996%
51	21.145	3066	3070	3077	rVB3	237337	361806	5.24%	0.586%
52	21.468	3120	3125	3131	rBV	2590583	3418722	49.54%	5.534%
53	23.827	3518	3526	3537	rVB2	3302074	6901101	100.00%	11.171%
54	23.992	3547	3554	3562	rVB	1757177	3670180	53.18%	5.941%

Sum of corrected areas: 61774691

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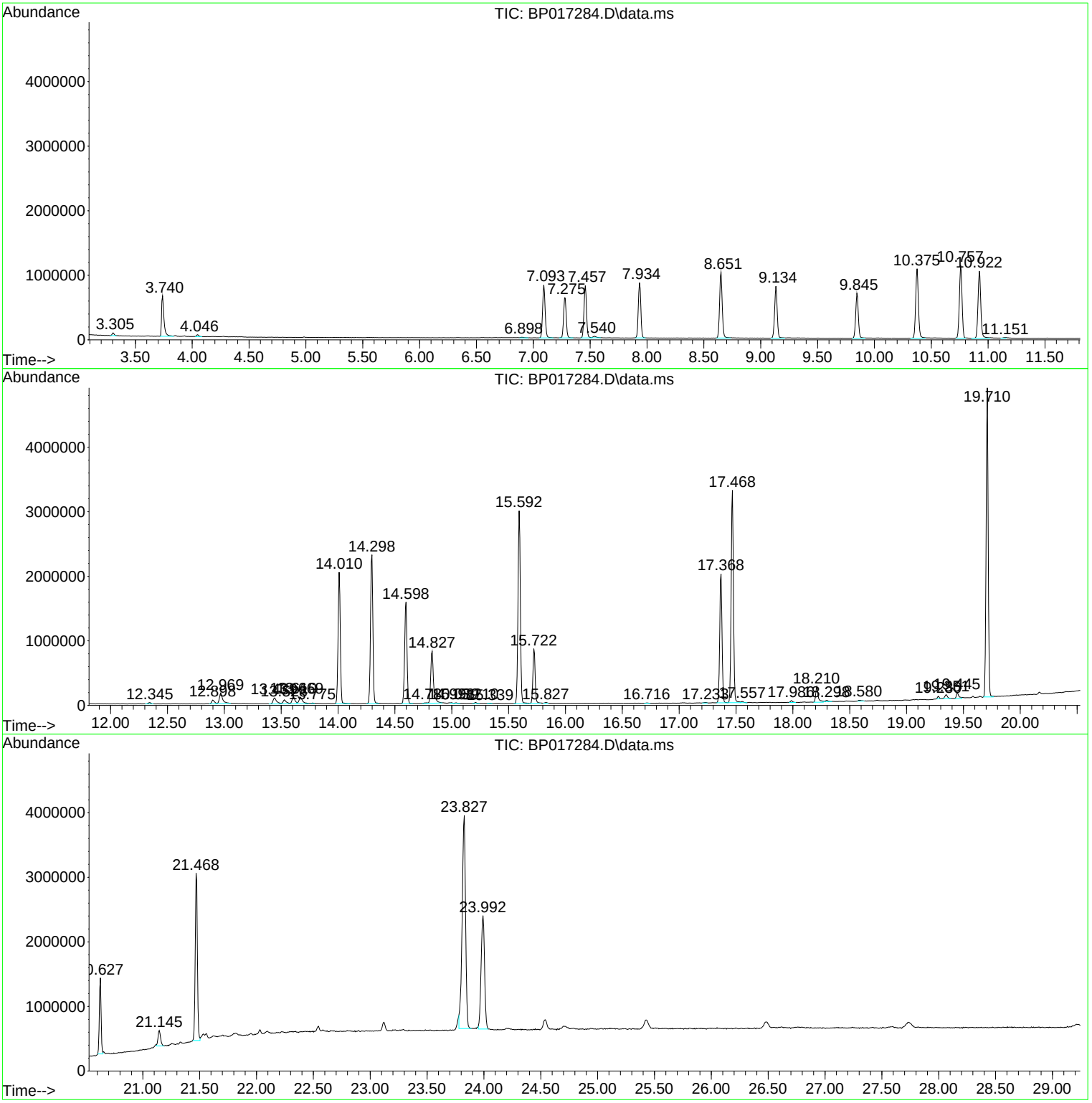
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

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



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Data File : BP017284.D
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Operator : MA/JU
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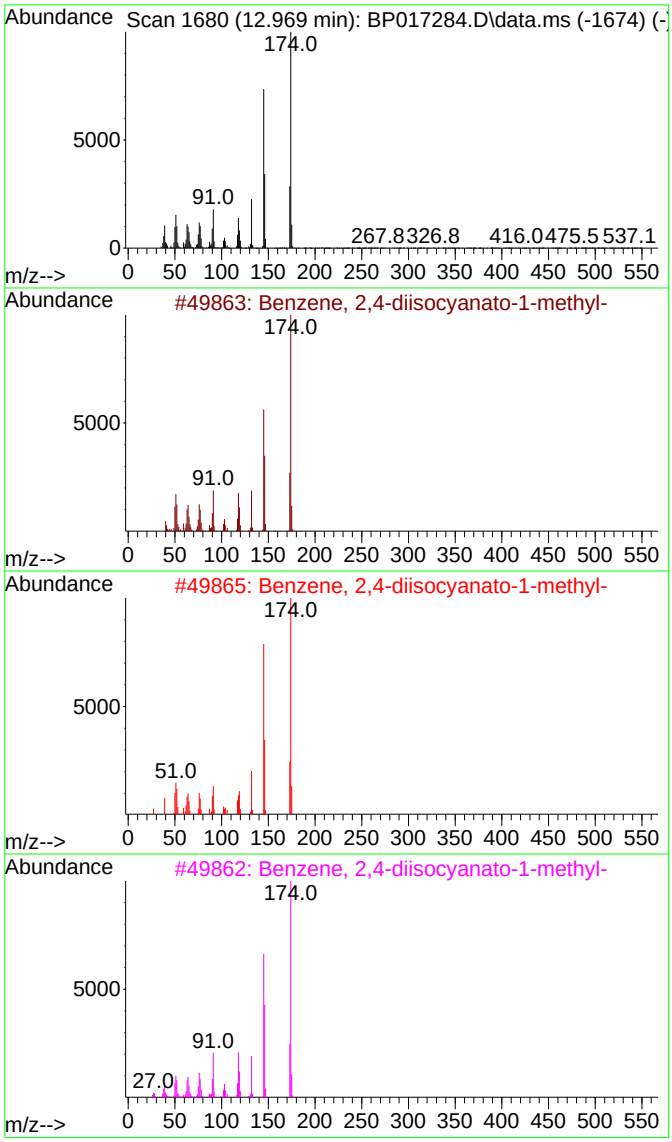
Quant Title : SVOA CALIBRATION

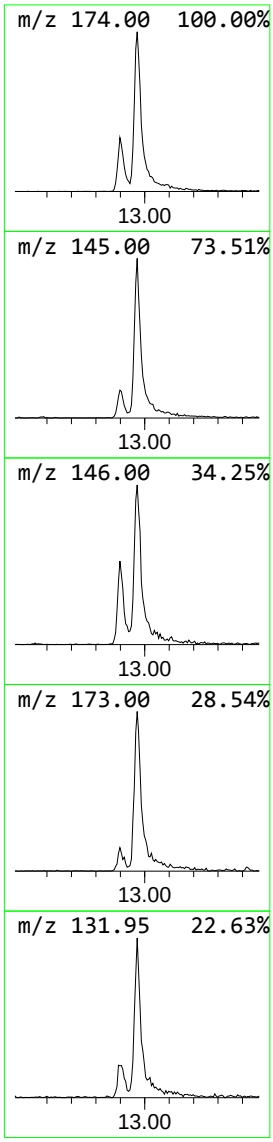
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 2,4-diisocyanato-1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	2.85 ng/ul	326235	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	96
2	Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	96
3	Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	94
4	Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	86
5	7-Amino-4-methyl-2-quinolinol	174	C10H10N2O	019840-99-4	76





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Sample : 04387-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

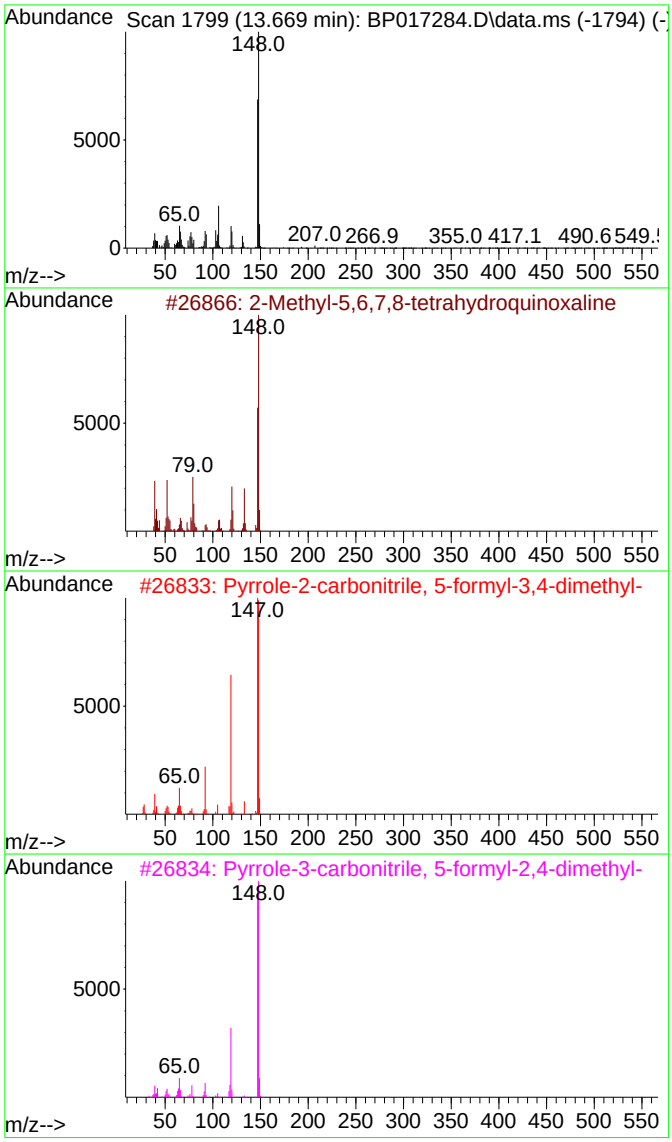
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

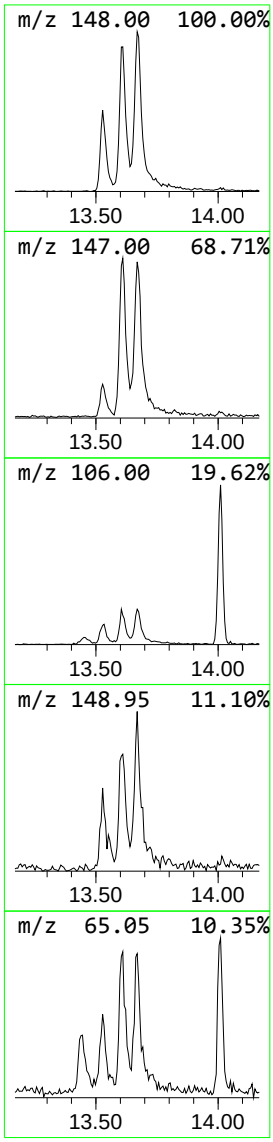
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Methyl-5,6,7,8-tetrahydro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.669	2.04 ng/ul	233717	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-5,6,7,8-tetrahydroquino...	148	C9H12N2	038917-65-6	59
2	Pyrrole-2-carbonitrile, 5-formyl...	148	C8H8N2O	026187-38-2	59
3	Pyrrole-3-carbonitrile, 5-formyl...	148	C8H8N2O	032487-71-1	59
4	Anethole	148	C10H12O	000104-46-1	53
5	2-Methyl-5-aminobenzoxazole	148	C8H8N2O	005676-60-8	50





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BNA_P
ClientSampleId :
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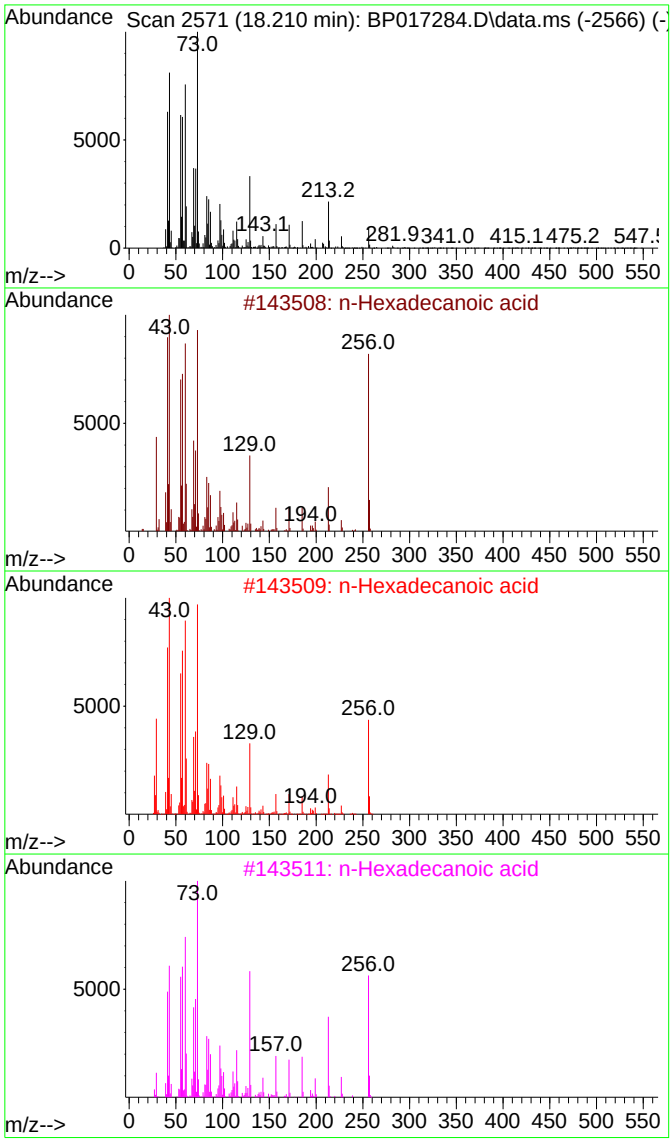
Quant Title : SVOA CALIBRATION

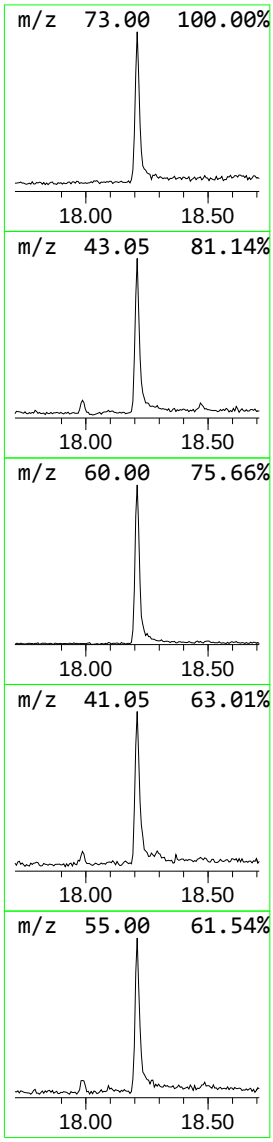
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	2.56 ng/ul	361127	Phenanthrene-d10	17.369

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	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

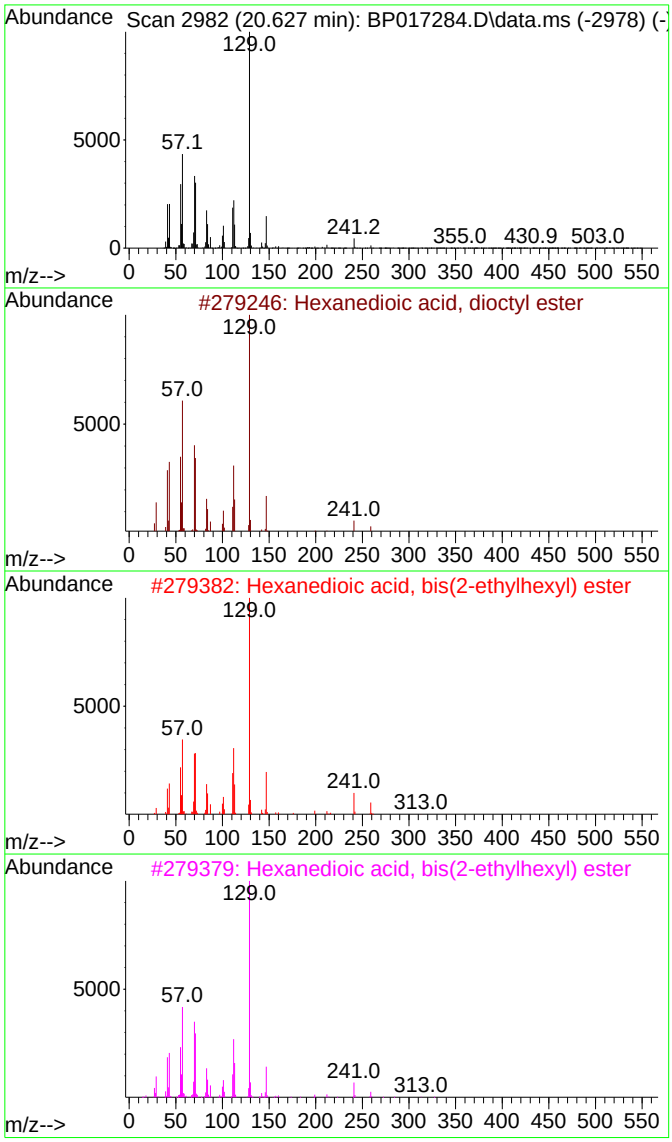
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

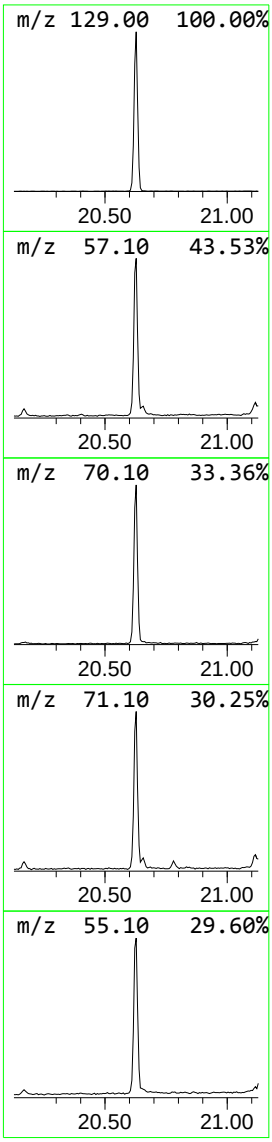
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexanedioic acid, dioctyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.627	7.21 ng/ul	1232940	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	81





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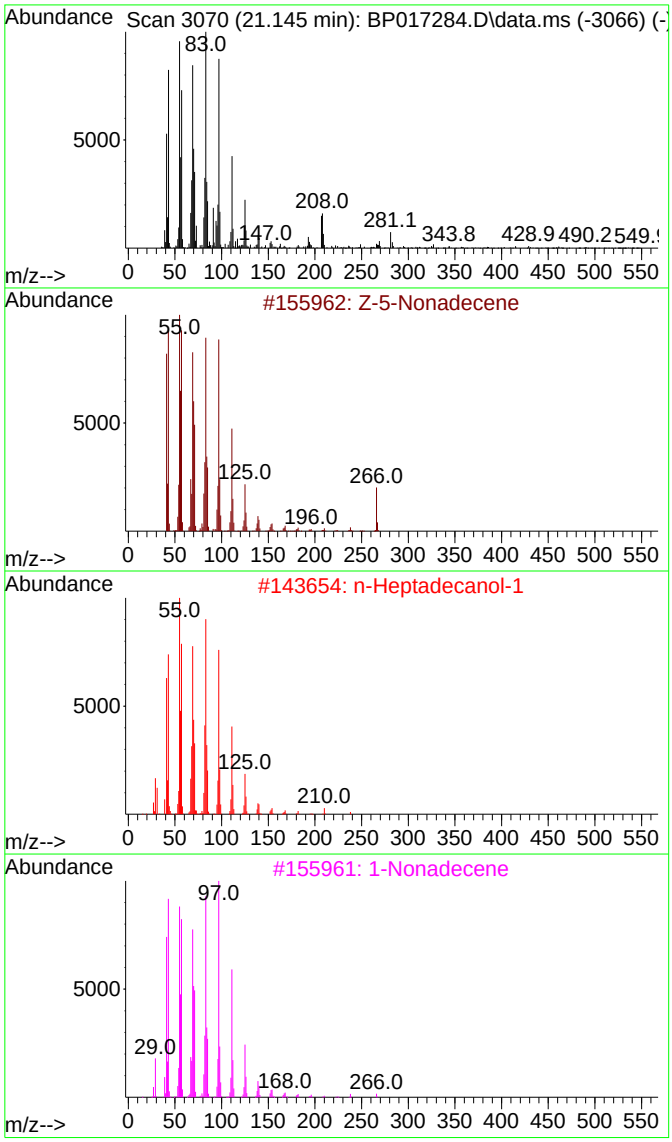
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION

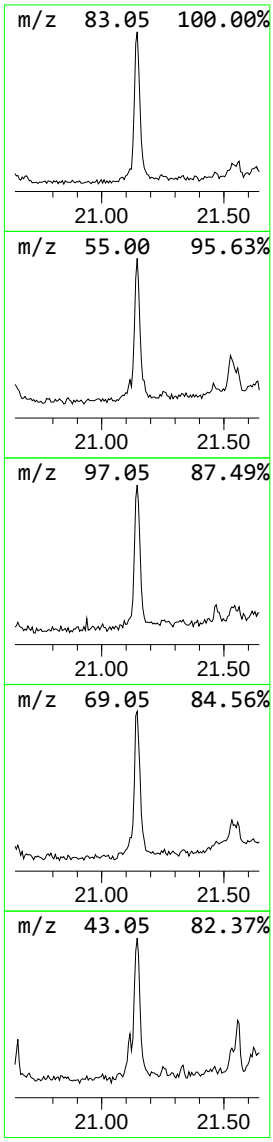
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	2.12 ng/ul	361806	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	91
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	90
3	1-Nonadecene	266	C19H38	018435-45-5	83
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	81
5	1-Octadecanol	270	C18H38O	000112-92-5	76





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
Benzene, 2,4-di...	12.969	2.9	ng/ul	326235	3	14.598	2286610	20.0
2-Methyl-5,6,7,...	13.669	2.0	ng/ul	233717	3	14.598	2286610	20.0
n-Hexadecanoic ...	18.210	2.6	ng/ul	361127	4	17.369	2822780	20.0
Hexanedioic aci...	20.627	7.2	ng/ul	1232940	5	21.468	3418720	20.0
(DEL) Alkane: S...	21.145	2.1	ng/ul	361806	5	21.468	3418720	20.0