LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
Data File : BN024893.D
Acq On : 14 Apr 2023 12:11
Operator : CG/JU
Sample : 02252-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ME1

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_N\Methods\SFAM-EPA-BN041023.M
Title : SVOA CALIBRATION

Signal : TIC: BN024893.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.746	93	95	110	rBV	260898	495461	0.37%	0.107%
2	4.069	145	150	159	rBV	132016	212275	0.16%	0.046%
3	5.240	338	349	350	rBV3	48213618	94346022	70.87%	20.389%
4	6.610	575	582	589	rVB	101286	164627	0.12%	0.036%
5	7.105	660	666	668	rBV	278819	426795	0.32%	0.092%
6	7.134	668	671	683	rVB	391981	575885	0.43%	0.124%
7	7.275	685	695	721	rBV	14976197	25757631	19.35%	5.566%
8	7.469	721	728	739	rVB	1042963	1813901	1.36%	0.392%
9	7.663	753	761	769	rVB	160030	275072	0.21%	0.059%
10	7.834	781	790	801	rVB	4768626	8192837	6.15%	1.771%
11	8.010	801	820	825	rBV4	47372122	133128712	100.00%	28.770%
12	8.322	861	873	878	rBV	41441439	91502778	68.73%	19.774%
13	8.652	919	929	936	rBV	767716	1227037	0.92%	0.265%
14	9.110	999	1007	1010	rBV	1301537	2246941	1.69%	0.486%
15	9.157	1010	1015	1022	rVB	7161810	11490308	8.63%	2.483%
16	9.775	1113	1120	1125	rBV	1292460	2161759	1.62%	0.467%
17	9.834	1125	1130	1145	rVB	1097957	1774452	1.33%	0.383%
18	10.369	1214	1221	1228	rBV	1468661	2386004	1.79%	0.516%
19	10.528	1245	1248	1256	rVV	92380	173704	0.13%	0.038%
20	10.616	1256	1263	1278	rVB	5736292	9676186	7.27%	2.091%
21	10.751	1278	1286	1294	rBV	1523110	2565096	1.93%	0.554%
22	10.869	1298	1306	1328	rBV2	4340804	9714579	7.30%	2.099%
23	11.140	1344	1352	1359	rVB	310885	516222	0.39%	0.112%
24	11.357	1382	1389	1395	rBV2	78628	133521	0.10%	0.029%
25	12.787	1621	1632	1639	rBV2	167279	332950	0.25%	0.072%
26	13.381	1727	1733	1739	rBV4	81753	205149	0.15%	0.044%
27	13.992	1830	1837	1847	rBV	2905613	3819853	2.87%	0.825%
28	14.275	1879	1885	1893	rBV	2931707	4382161	3.29%	0.947%
29	14.587	1932	1938	1946	rVB	2200446	3305439	2.48%	0.714%
30	14.781	1964	1971	1984	rBV	223480	397779	0.30%	0.086%
31	15.310	2053	2061	2068	rBV	252660	399855	0.30%	0.086%
32	15.575	2100	2106	2113	rBV	3976914	5636633	4.23%	1.218%
33	15.692	2120	2126	2133	rBV	1666551	2118169	1.59%	0.458%
34	15.939	2162	2168	2174	rBV	815245	1083558	0.81%	0.234%
35	17.333	2398	2405	2414	rBV	2869240	3962992	2.98%	0.856%
36	17.428	2415	2421	2431	rBV2	4325845	6404293	4.81%	1.384%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
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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_N\Methods\SFAM-EPA-BN041023.M
Title : SVOA CALIBRATION

37	18.222	2551	2556	2565	rBV	340352	522719	0.39%	0.113%
38	18.433	2588	2592	2603	rVB	102319	141316	0.11%	0.031%
39	19.363	2745	2750	2756	rBV	70556	137278	0.10%	0.030%
40	19.492	2768	2772	2780	rBV	95854	152793	0.11%	0.033%
41	19.727	2806	2812	2824	rBV	5856412	7929438	5.96%	1.714%
42	21.227	3062	3067	3077	rBV	686354	1114638	0.84%	0.241%
43	21.527	3113	3118	3129	rBV	3714714	4589849	3.45%	0.992%
44	22.804	3331	3335	3340	rVB	391485	553261	0.42%	0.120%
45	23.221	3402	3406	3412	rBV2	224009	341991	0.26%	0.074%
46	23.827	3501	3509	3523	rBV2	3871231	8709847	6.54%	1.882%
47	23.986	3529	3536	3554	rVB	2321993	4902048	3.68%	1.059%
48	24.604	3637	3641	3648	rVB	324566	636746	0.48%	0.138%

Sum of corrected areas: 462738560

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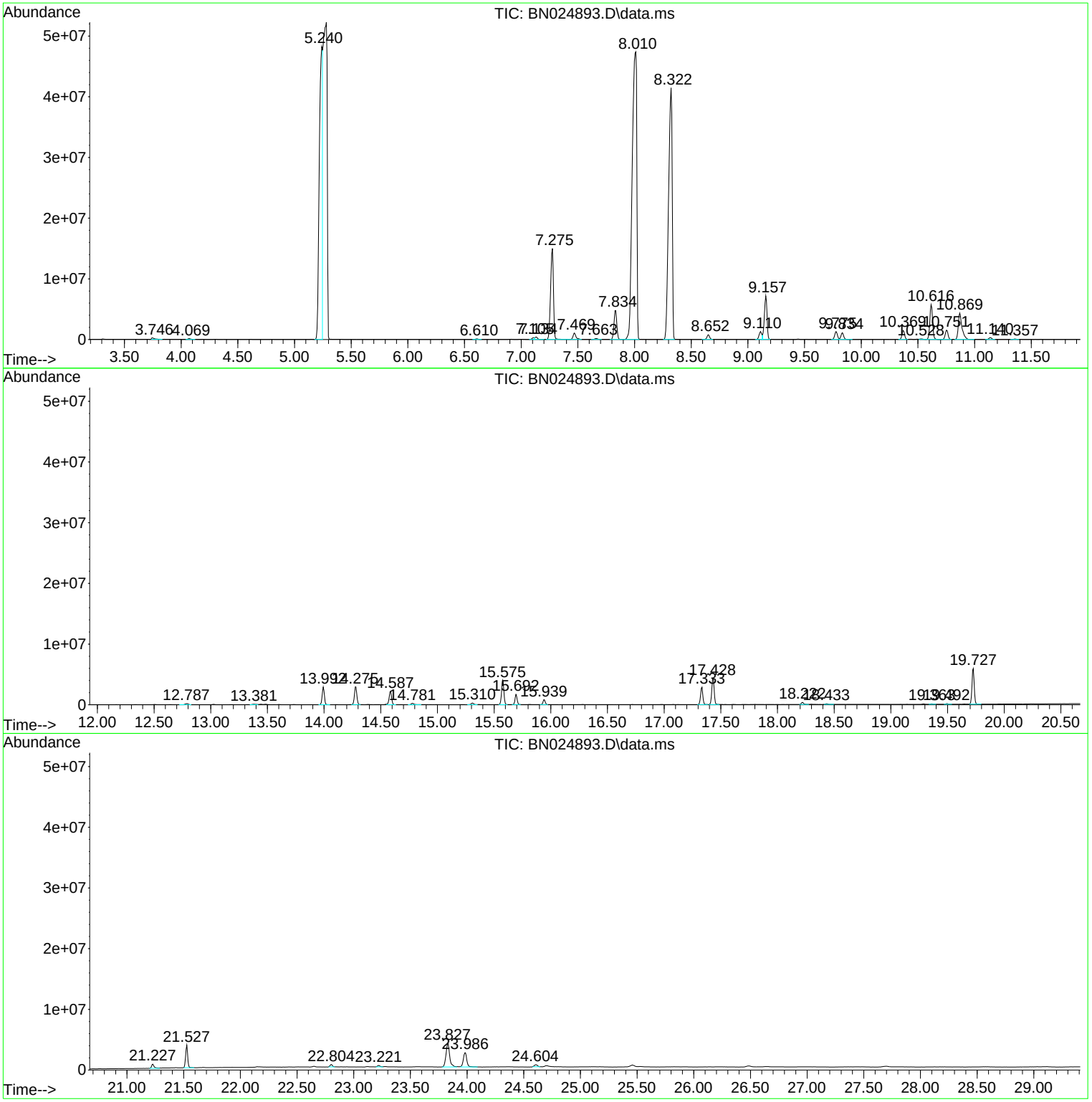
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

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



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Data File : BN024893.D
Acq On : 14 Apr 2023 12:11
Operator : CG/JU
Sample : 02252-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ME1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

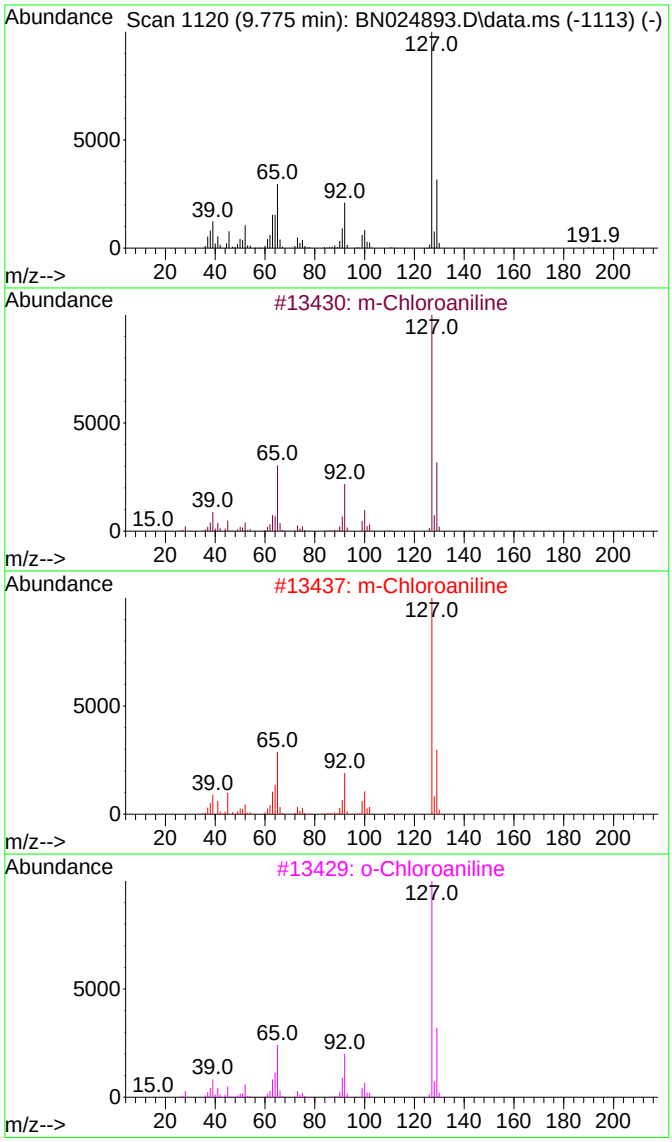
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

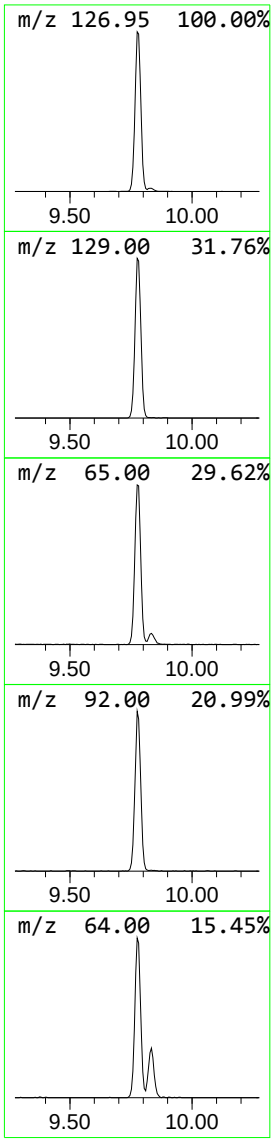
****

Peak Number 4 m-Chloroaniline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.775	16.86 ng/ul	2161760	Naphthalene-d8	10.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Chloroaniline	127	C6H6ClN	000108-42-9	97
2	m-Chloroaniline	127	C6H6ClN	000108-42-9	96
3	o-Chloroaniline	127	C6H6ClN	000095-51-2	96
4	o-Chloroaniline	127	C6H6ClN	000095-51-2	95
5	p-Chloroaniline	127	C6H6ClN	000106-47-8	94





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Operator : CG/JU
Sample : 02252-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ME1

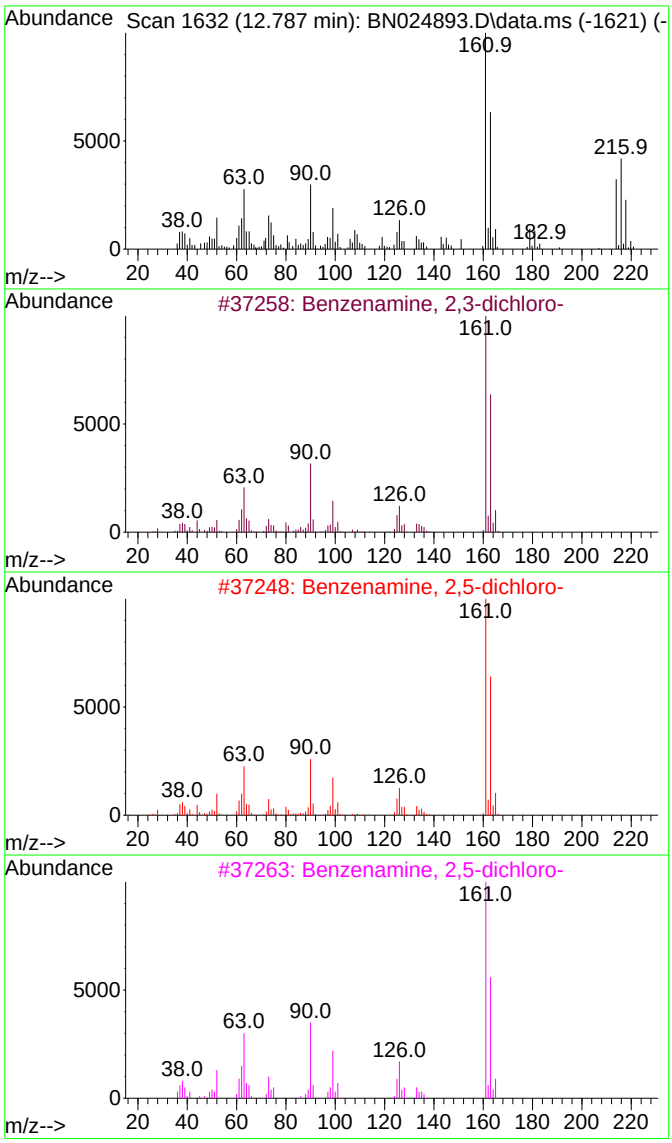
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

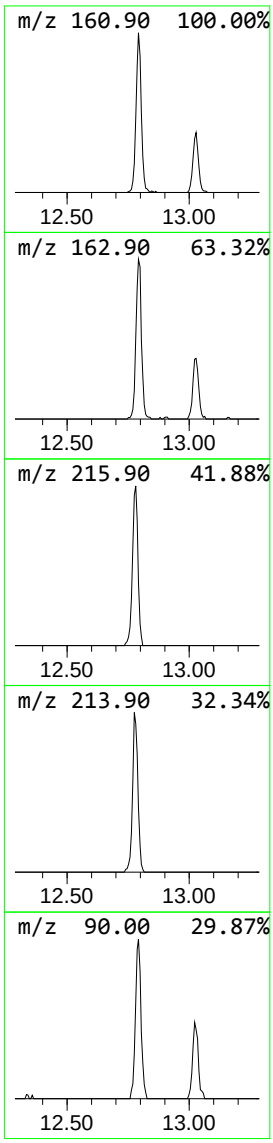
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzenamine, 2,3-dichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.787	2.01 ng/ul	332950	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,3-dichloro-	161	C6H5Cl2N	000608-27-5	98
2	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	98
3	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	98
4	Benzenamine, 2,4-dichloro-	161	C6H5Cl2N	000554-00-7	97
5	Benzenamine, 3,4-dichloro-	161	C6H5Cl2N	000095-76-1	96





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Sample : 02252-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ME1

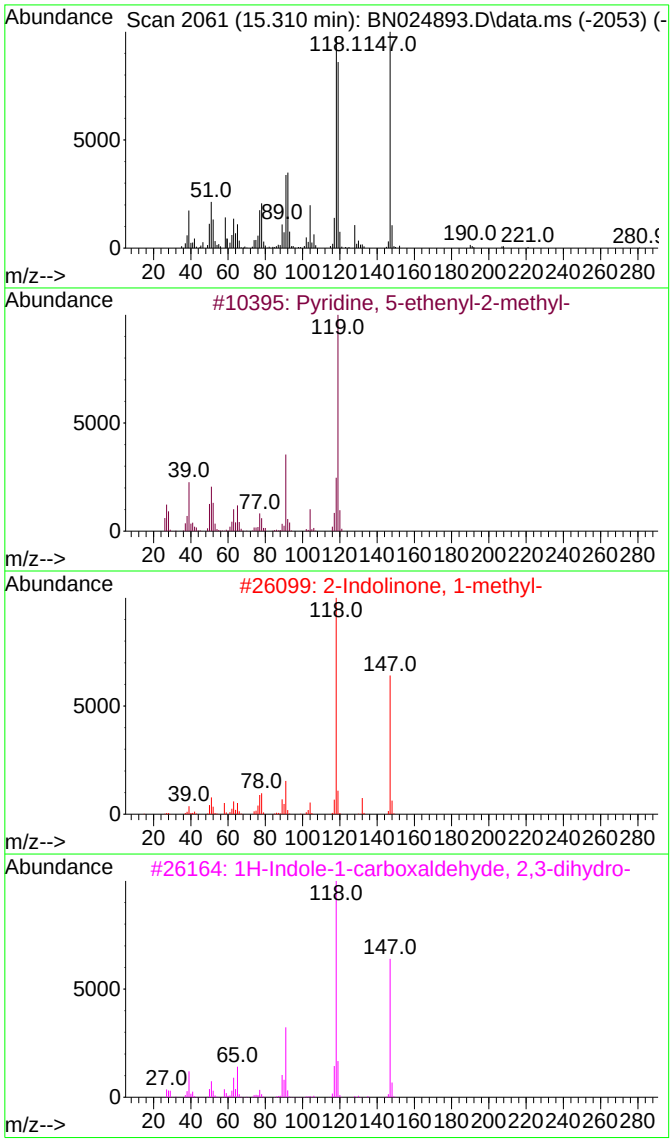
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

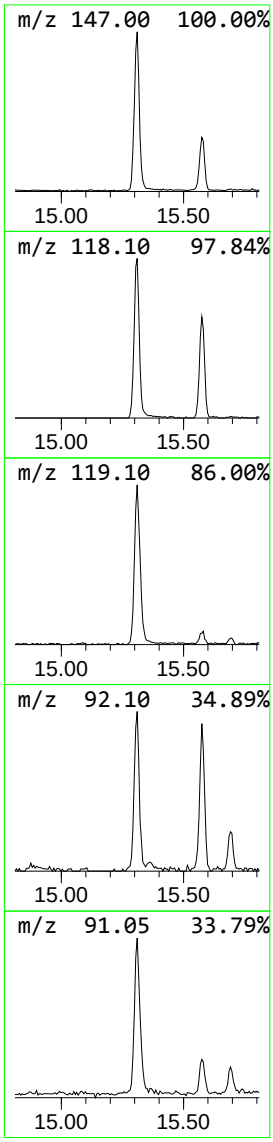
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pyridine, 5-ethenyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	2.42 ng/ul	399855	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	70
2	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	64
3	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	60
4	7-Benzofuranamine, 2-methyl-	147	C9H9NO	1000327-46-4	58
5	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	55





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Operator : CG/JU
Sample : 02252-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ME1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

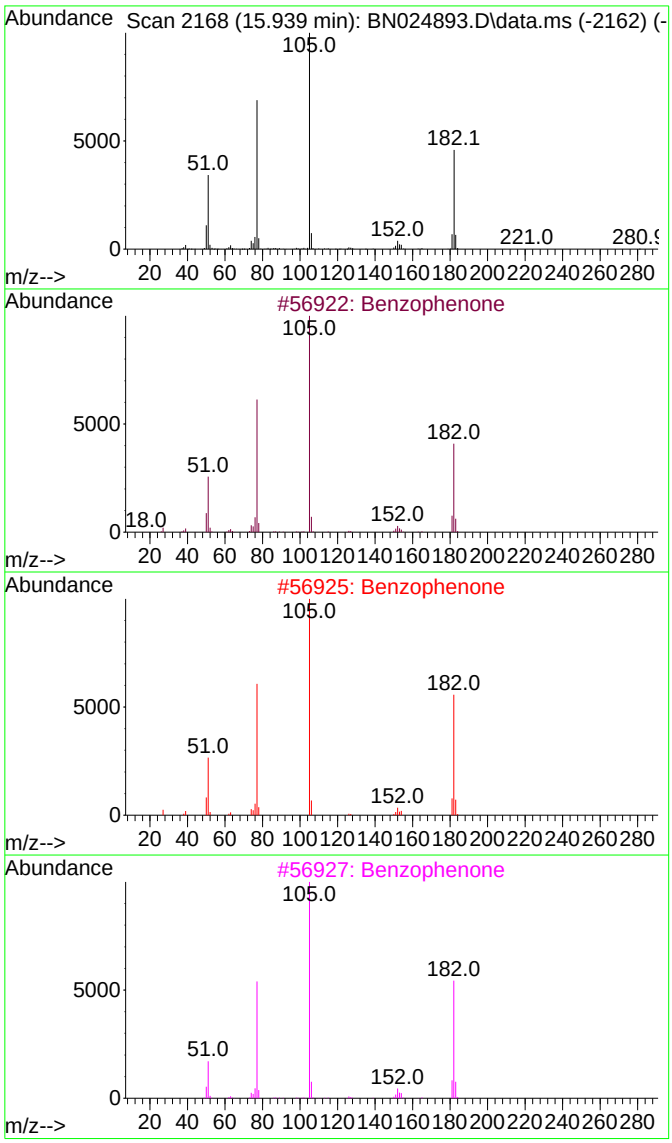
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

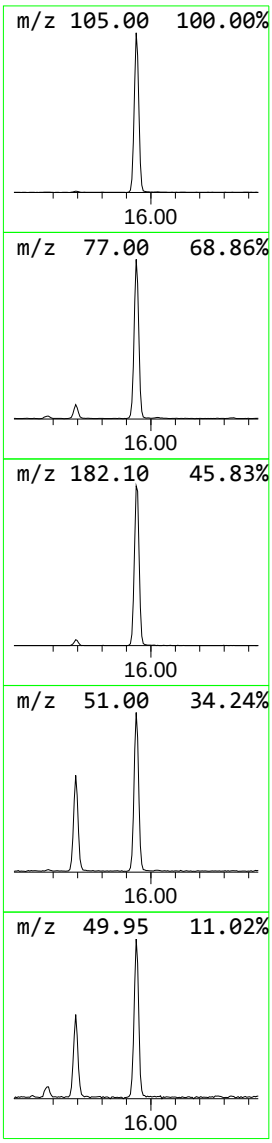
****

Peak Number 9 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.939	6.56 ng/ul	1083560	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	97
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Sample : 02252-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ME1

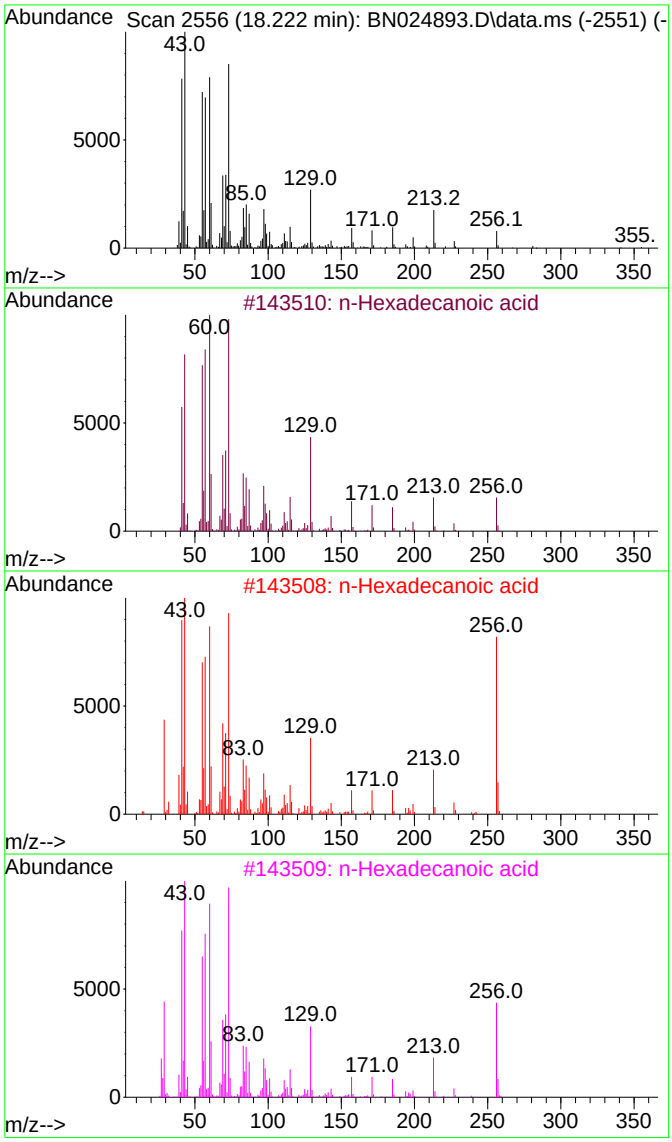
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

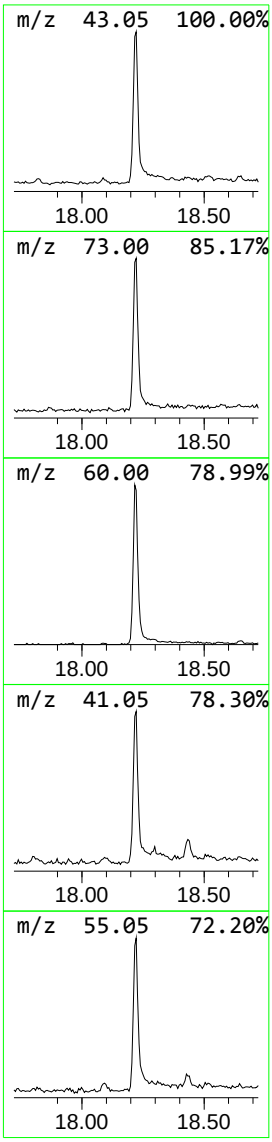
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	2.64 ng/ul	522719	Phenanthrene-d10	17.333

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	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





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Misc :
ALS Vial : 39 Sample Multiplier: 1

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C0ME1

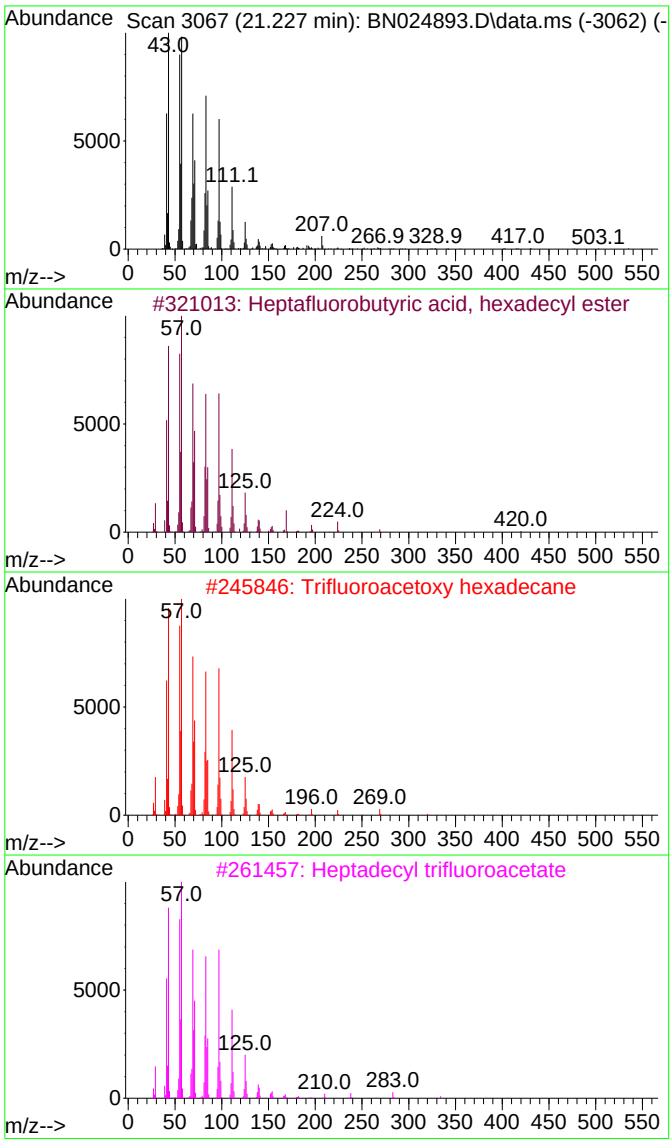
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

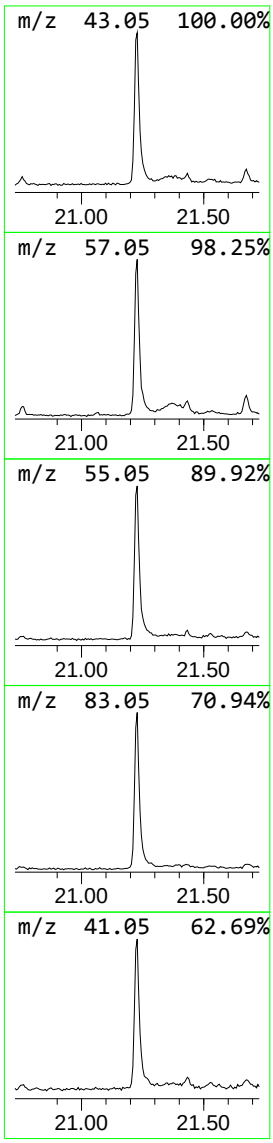
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Heptafluorobutyric acid, he... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	4.86 ng/ul	1114640	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	1-Docosene	308	C22H44	001599-67-3	93





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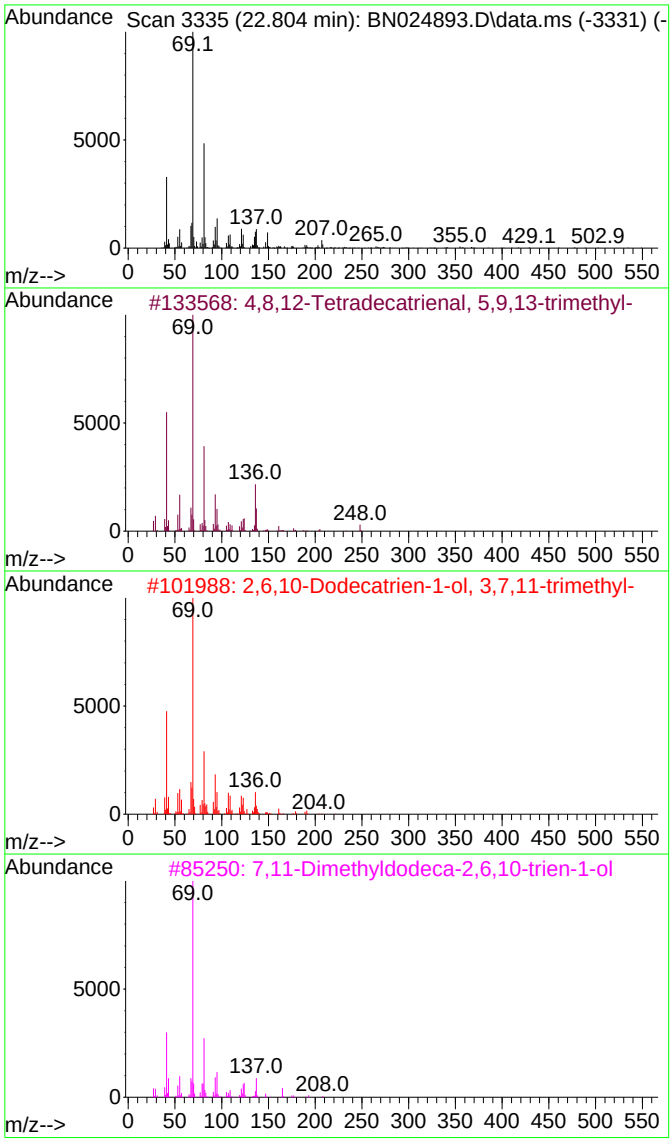
Quant Title : SVOA CALIBRATION

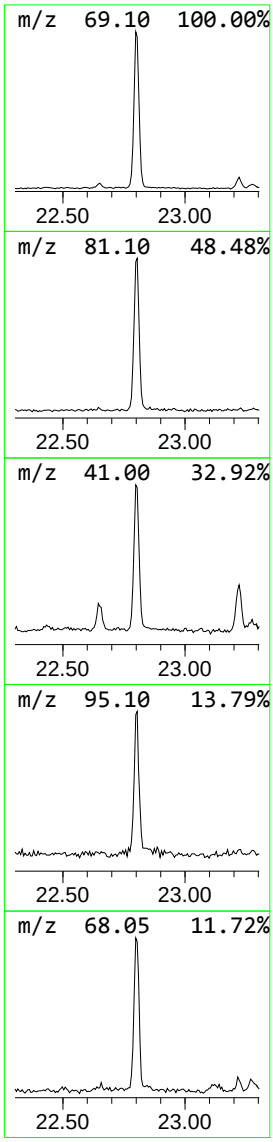
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4,8,12-Tetradecatrienal, 5,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.804	2.26 ng/ul	553261	Perylene-d12	23.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	64
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	59





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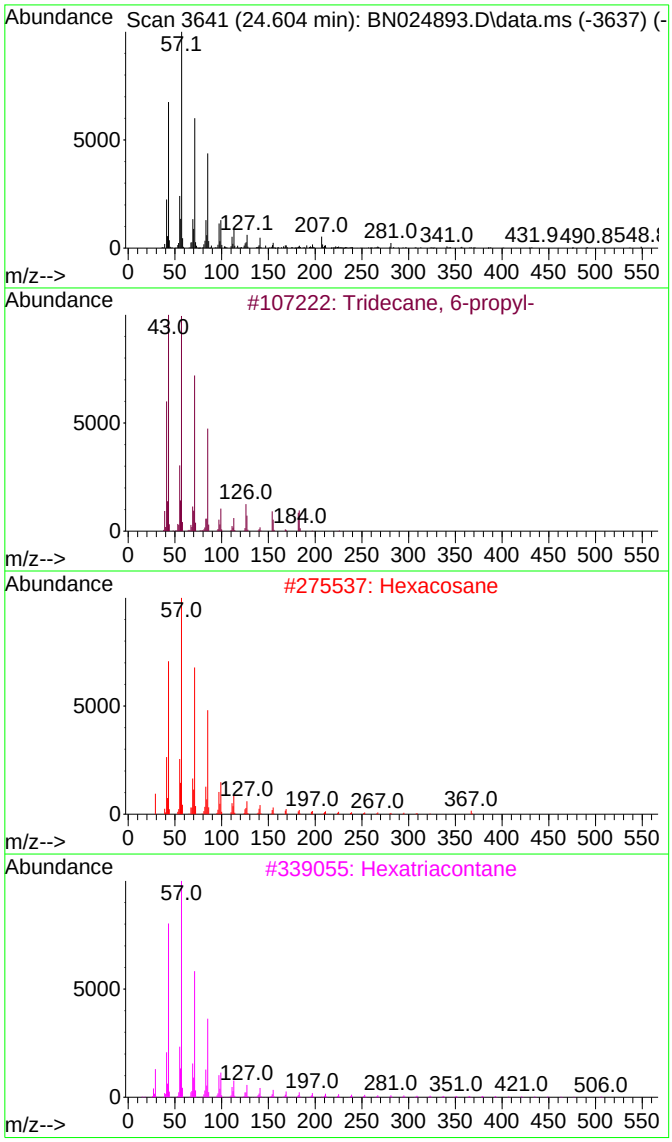
Quant Title : SVOA CALIBRATION

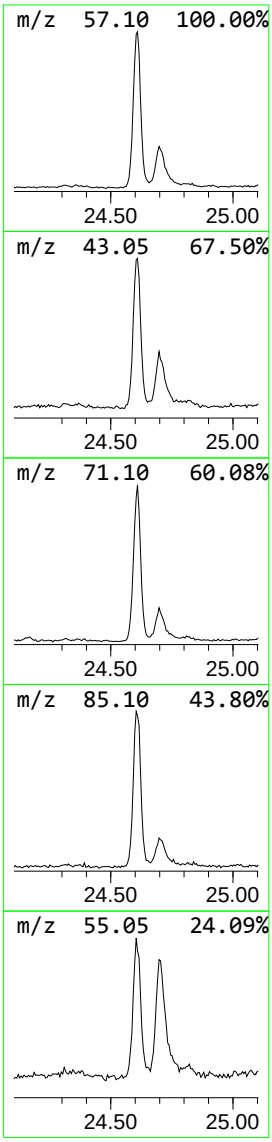
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.604	2.60 ng/ul	636746	Perylene-d12	23.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
Data File : BN024893.D
Acq On : 14 Apr 2023 12:11
Operator : CG/JU
Sample : 02252-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ME1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.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
m-Chloroaniline	9.775	16.9	ng/ul	2161760	2	10.751	2565100	20.0
Benzenamine, 2,...	12.787	2.0	ng/ul	332950	3	14.586	3305440	20.0
Pyridine, 5-eth...	15.310	2.4	ng/ul	399855	3	14.586	3305440	20.0
Benzophenone	15.939	6.6	ng/ul	1083560	3	14.586	3305440	20.0
n-Hexadecanoic ...	18.222	2.6	ng/ul	522719	4	17.333	3962990	20.0
Heptafluorobuty...	21.227	4.9	ng/ul	1114640	5	21.527	4589850	20.0
4,8,12-Tetradec...	22.804	2.3	ng/ul	553261	6	23.986	4902050	20.0
(DEL) Alkane: S...	24.604	2.6	ng/ul	636746	6	23.986	4902050	20.0