LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

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-BP032823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014454.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	30	34	36	rBV	53349	66128	1.20%	0.082%
2	3.422	36	40	54	rVB	1467298	1951257	35.28%	2.423%
3	3.669	78	82	90	rBV	179928	239947	4.34%	0.298%
4	3.828	107	109	126	rBV	256462	438424	7.93%	0.544%
5	4.040	140	145	155	rVB2	18663	43450	0.79%	0.054%
6	4.140	158	162	166	rBV2	13173	20870	0.38%	0.026%
7	4.222	171	176	181	rBV	278643	369206	6.68%	0.458%
8	4.528	224	228	233	rVB3	14524	19732	0.36%	0.024%
9	4.599	233	240	249	rBV2	248337	432968	7.83%	0.538%
10	4.975	298	304	309	rBV5	12420	21084	0.38%	0.026%
11	5.075	317	321	324	rBV	24683	32579	0.59%	0.040%
12	5.581	404	407	411	rVB5	18468	26766	0.48%	0.033%
13	5.769	431	439	440	rBV3	22208	38484	0.70%	0.048%
14	5.934	461	467	471	rVB2	18238	29993	0.54%	0.037%
15	6.275	519	525	531	rVV	88594	146615	2.65%	0.182%
16	6.393	540	545	550	rVB3	16337	26219	0.47%	0.033%
17	6.510	559	565	570	rBV	46551	73533	1.33%	0.091%
18	6.599	576	580	585	rVV	21614	39401	0.71%	0.049%
19	6.675	588	593	594	rVV2	18735	30078	0.54%	0.037%
20	6.710	594	599	609	rVB	186322	294212	5.32%	0.365%
21	6.963	636	642	651	rBV	9937	24399	0.44%	0.030%
22	7.057	651	658	662	rBV9	10370	26236	0.47%	0.033%
23	7.110	662	667	674	rBV	21018	49918	0.90%	0.062%
24	7.187	674	680	697	rVB	318746	591584	10.70%	0.734%
25	7.340	699	706	715	rBV	894577	1413240	25.55%	1.755%
26	7.452	721	725	729	rVB	14347	19897	0.36%	0.025%
27	7.546	734	741	750	rVV	998620	1590386	28.76%	1.975%
28	7.634	753	756	764	rVV6	18854	36557	0.66%	0.045%
29	7.734	768	773	779	rBV4	11451	24981	0.45%	0.031%
30	7.863	789	795	799	rBV6	16798	31263	0.57%	0.039%
31	7.916	800	804	808	rVV6	14571	28459	0.51%	0.035%
32	7.969	808	813	814	rVV5	18518	29646	0.54%	0.037%
33	8.010	814	820	828	rVV	908174	1467392	26.53%	1.822%
34	8.099	828	835	842	rVB2	78671	157500	2.85%	0.196%
35	8.328	870	874	883	rVV2	13317	42052	0.76%	0.052%
36	8.481	893	900	905	rVB10	13247	36872	0.67%	0.046%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

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-BP032823.M
Title : SVOA CALIBRATION

37	8.557	905	913	923	rBV10	20859	70685	1.28%	0.088%
38	8.740	932	944	952	rBV	900466	1583051	28.62%	1.965%
39	8.816	952	957	966	rVB4	58746	140832	2.55%	0.175%
40	9.087	996	1003	1005	rBV6	20709	37365	0.68%	0.046%
41	9.128	1006	1010	1014	rVB	48464	67458	1.22%	0.084%
42	9.193	1014	1021	1028	rBV	1195680	1966666	35.56%	2.442%
43	9.287	1033	1037	1045	rVB9	25438	69362	1.25%	0.086%
44	9.399	1052	1056	1061	rVB7	16550	28803	0.52%	0.036%
45	9.446	1061	1064	1070	rBV8	11837	20520	0.37%	0.025%
46	9.540	1073	1080	1089	rBV4	127428	262748	4.75%	0.326%
47	9.640	1094	1097	1101	rVB4	22456	31279	0.57%	0.039%
48	9.722	1106	1111	1117	rBV2	76760	143476	2.59%	0.178%
49	9.840	1124	1131	1138	rBV6	49622	111134	2.01%	0.138%
50	9.916	1138	1144	1156	rVB	1061339	1795487	32.47%	2.229%
51	10.022	1156	1162	1167	rBV9	32733	71206	1.29%	0.088%
52	10.240	1196	1199	1201	rBV4	14777	22650	0.41%	0.028%
53	10.387	1216	1224	1231	rVB	262825	488787	8.84%	0.607%
54	10.469	1231	1238	1245	rBV	1345990	2567231	46.42%	3.187%
55	10.604	1257	1261	1262	rBV3	23653	26078	0.47%	0.032%
56	10.781	1287	1291	1294	rBV	69528	108073	1.95%	0.134%
57	10.834	1294	1300	1307	rVB	1263688	2144555	38.78%	2.663%
58	10.987	1317	1326	1340	rBV	1083263	2239103	40.49%	2.780%
59	11.093	1341	1344	1349	rVB6	35607	57074	1.03%	0.071%
60	11.310	1376	1381	1387	rBV7	32916	68151	1.23%	0.085%
61	11.428	1396	1401	1408	rVB6	81792	151915	2.75%	0.189%
62	11.510	1412	1415	1416	rBV3	19925	20993	0.38%	0.026%
63	11.616	1428	1433	1434	rBV5	20976	35081	0.63%	0.044%
64	11.657	1435	1440	1443	rVV7	38201	74780	1.35%	0.093%
65	11.834	1463	1470	1477	rBV7	57962	182684	3.30%	0.227%
66	12.040	1501	1505	1511	rVB	140834	223317	4.04%	0.277%
67	12.187	1526	1530	1537	rVB	122544	210052	3.80%	0.261%
68	12.345	1550	1557	1564	rBV2	239768	487418	8.81%	0.605%
69	12.457	1573	1576	1588	rVB10	103477	266521	4.82%	0.331%
70	12.557	1590	1593	1602	rVV7	43973	110560	2.00%	0.137%
71	12.657	1604	1610	1615	rVB	398657	635385	11.49%	0.789%
72	13.228	1703	1707	1717	rVB6	106914	199492	3.61%	0.248%
73	13.398	1733	1736	1744	rBV8	61921	156936	2.84%	0.195%
74	13.722	1787	1791	1800	rBV	155346	281380	5.09%	0.349%
75	13.898	1817	1821	1832	rBV	268513	549715	9.94%	0.683%
76	14.075	1846	1851	1858	rVB	2693381	3901700	70.55%	4.844%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

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-BP032823.M
Title : SVOA CALIBRATION

77	14.181	1865	1869	1873	rVB	232616	314248	5.68%	0.390%
78	14.363	1894	1900	1906	rBV	2987173	4392795	79.43%	5.454%
79	14.492	1917	1922	1932	rBV2	349269	624871	11.30%	0.776%
80	14.592	1934	1939	1944	rVV	651065	913710	16.52%	1.134%
81	14.669	1947	1952	1961	rVB	1896998	2907564	52.57%	3.610%
82	14.934	1993	1997	2002	rBV2	135974	212635	3.84%	0.264%
83	15.039	2011	2015	2027	rVB2	219216	432225	7.82%	0.537%
84	15.410	2074	2078	2084	rBV	306964	497061	8.99%	0.617%
85	15.663	2116	2121	2128	rVB	3662809	5340531	96.57%	6.631%
86	15.792	2138	2143	2148	rVB	1248875	1695642	30.66%	2.105%
87	16.033	2180	2184	2188	rVB	260166	367816	6.65%	0.457%
88	16.198	2206	2212	2223	rVB	2299702	3270223	59.13%	4.060%
89	16.386	2240	2244	2250	rVB2	617271	976079	17.65%	1.212%
90	16.710	2294	2299	2303	rBV	1362675	1832441	33.13%	2.275%
91	17.433	2417	2422	2427	rBV	2283279	3192997	57.74%	3.964%
92	17.533	2433	2439	2448	rVB	3721686	5469544	98.90%	6.791%
93	18.304	2566	2570	2574	rBV	372418	506238	9.15%	0.629%
94	18.610	2619	2622	2626	rVB	254000	295898	5.35%	0.367%
95	19.063	2697	2699	2703	rVB	268741	293703	5.31%	0.365%
96	19.763	2812	2818	2823	rVB	4167770	5530359	100.00%	6.866%
97	19.821	2825	2828	2833	rVB2	305743	437655	7.91%	0.543%
98	21.521	3112	3117	3123	rVB	1862926	2566269	46.40%	3.186%
99	23.880	3512	3518	3529	rVB	2255581	4499712	81.36%	5.587%
100	24.045	3540	3546	3556	rVB2	1157194	2452561	44.35%	3.045%

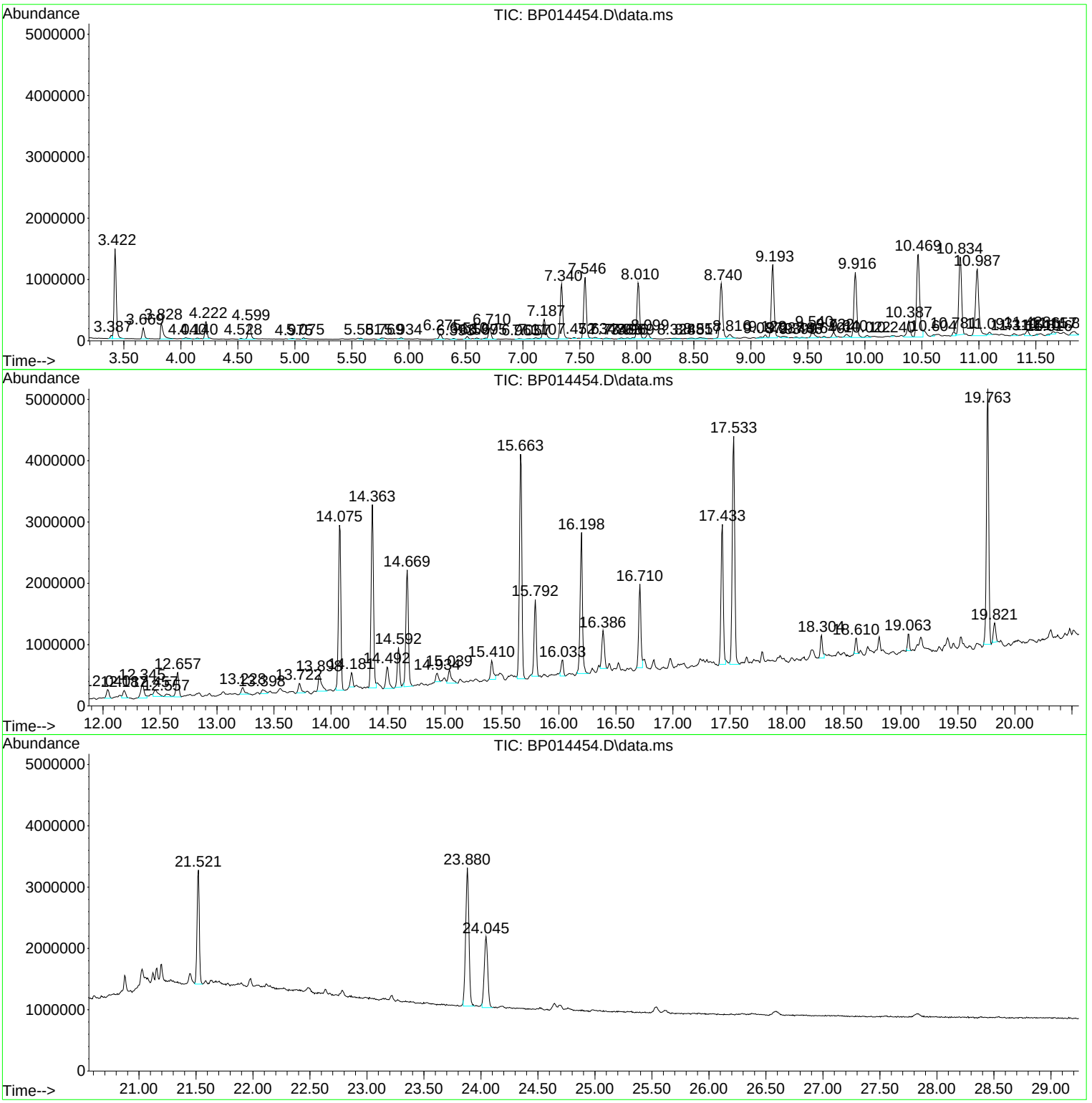
Sum of corrected areas: 80543808

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

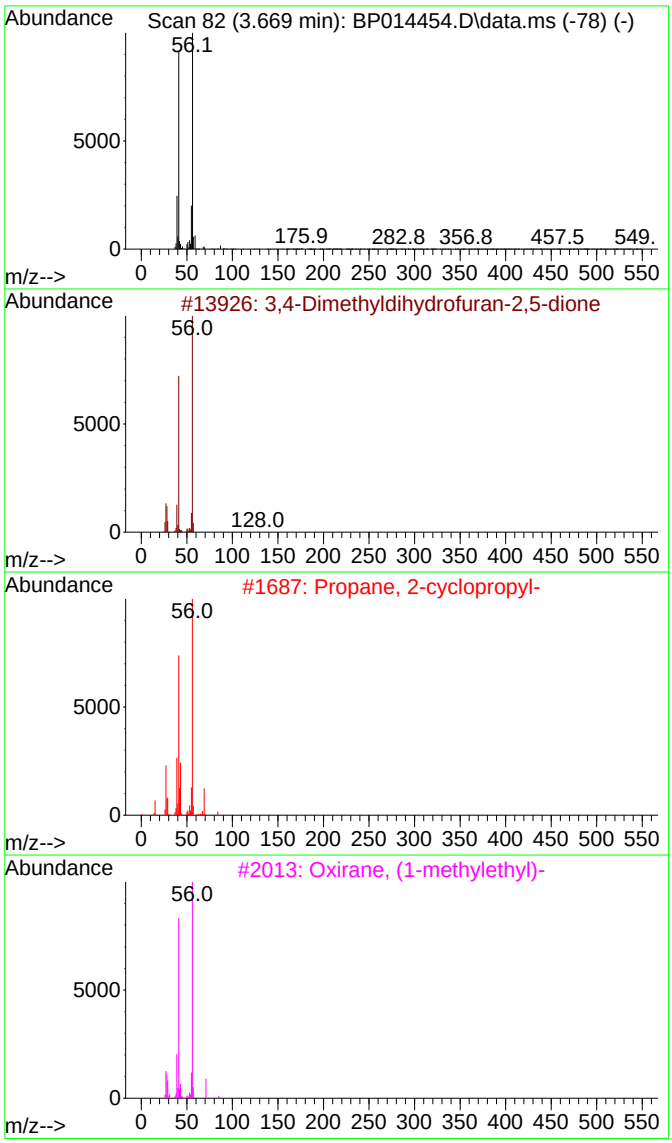
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

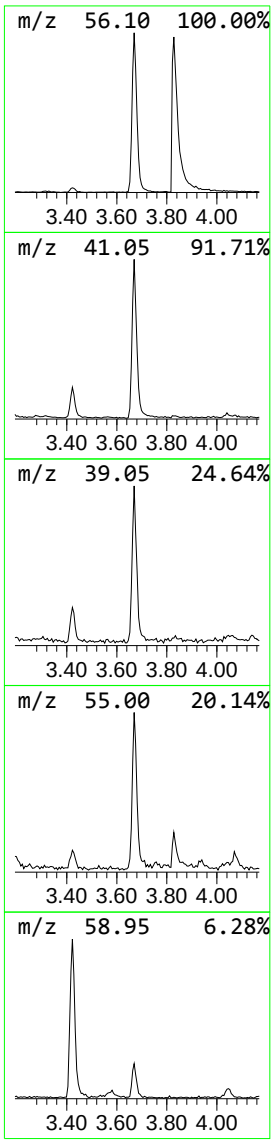
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3,4-Dimethyldihydrofuran-2,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.669	3.27 ng/ul	239947	1,4-Dichlorobenzene-d4	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	72
2	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	40
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	40
4	Cyclobutanecarbonitrile, 3,3-dim...	109	C7H11N	053783-86-1	39
5	Cyclobutane	56	C4H8	000287-23-0	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

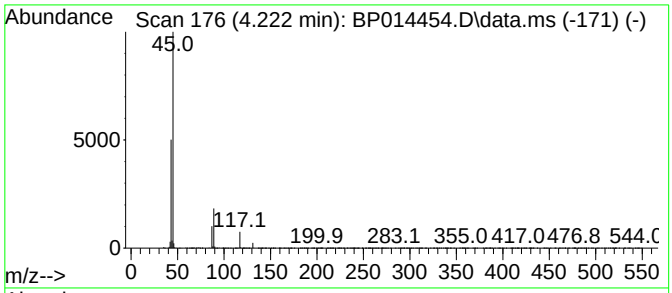
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

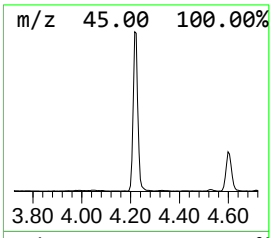
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

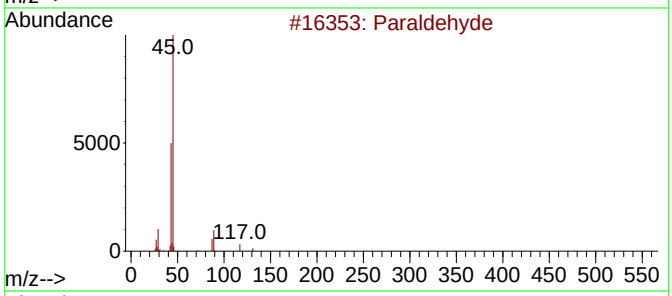
****
Peak Number 2 Paraldehyde Concentration Rank 7

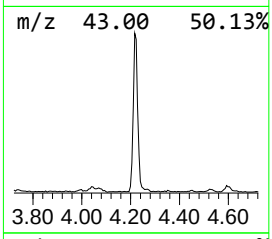
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.222	5.03 ng/ul	369206	1,4-Dichlorobenzene-d4	8.010

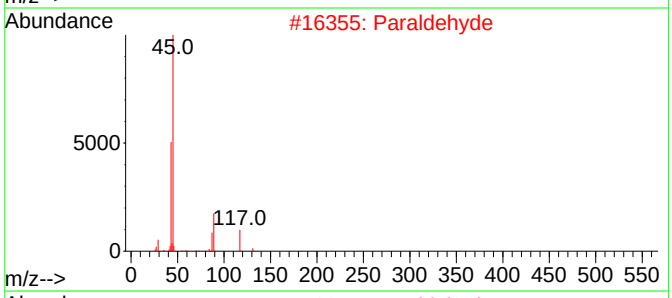
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Paraldehyde	132	C6H12O3	000123-63-7	83
2	Paraldehyde	132	C6H12O3	000123-63-7	83
3	Paraldehyde	132	C6H12O3	000123-63-7	56
4	Paraldehyde	132	C6H12O3	000123-63-7	47
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	39

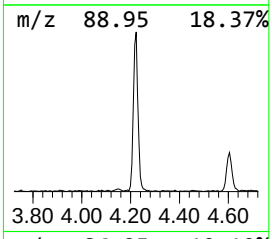


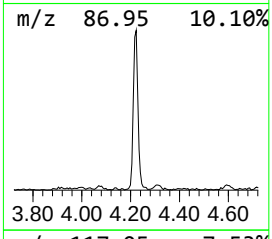


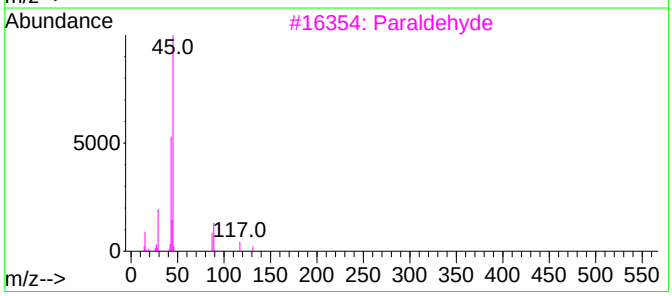


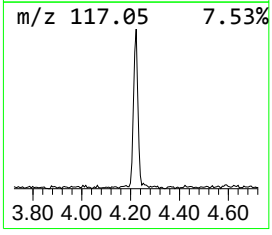












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

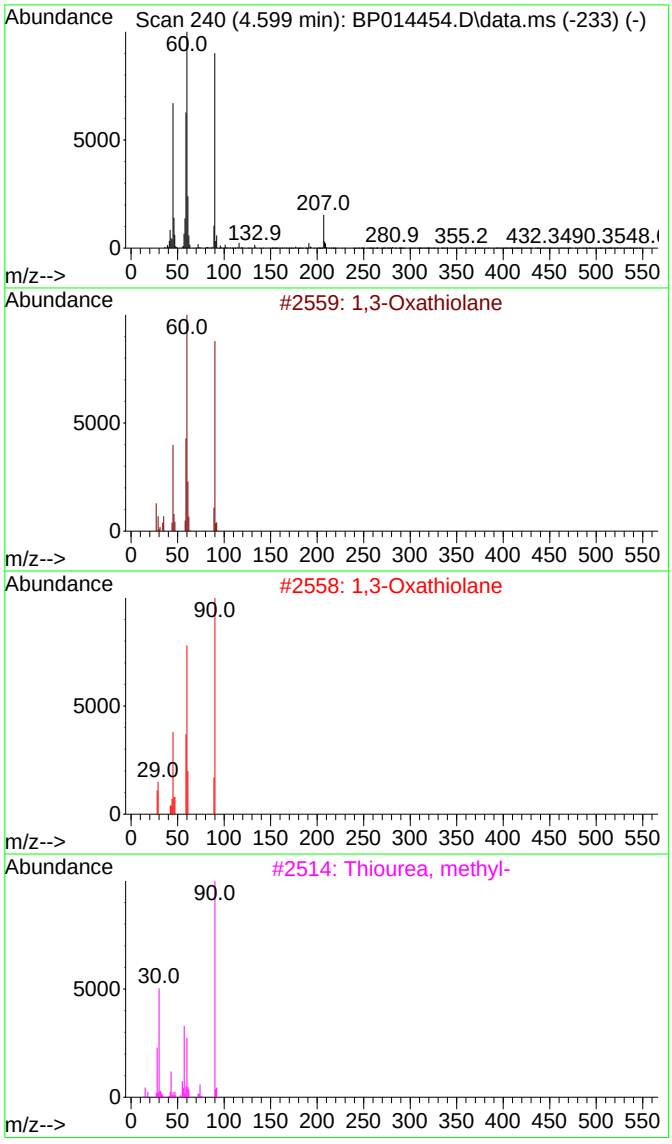
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

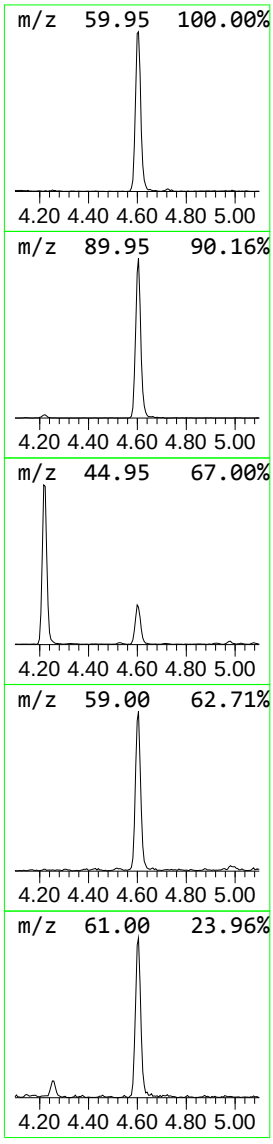
****

Peak Number 3 1,3-Oxathiolane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.599	5.90 ng/ul	432968	1,4-Dichlorobenzene-d4	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	90
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	74
3	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
4	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	38
5	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

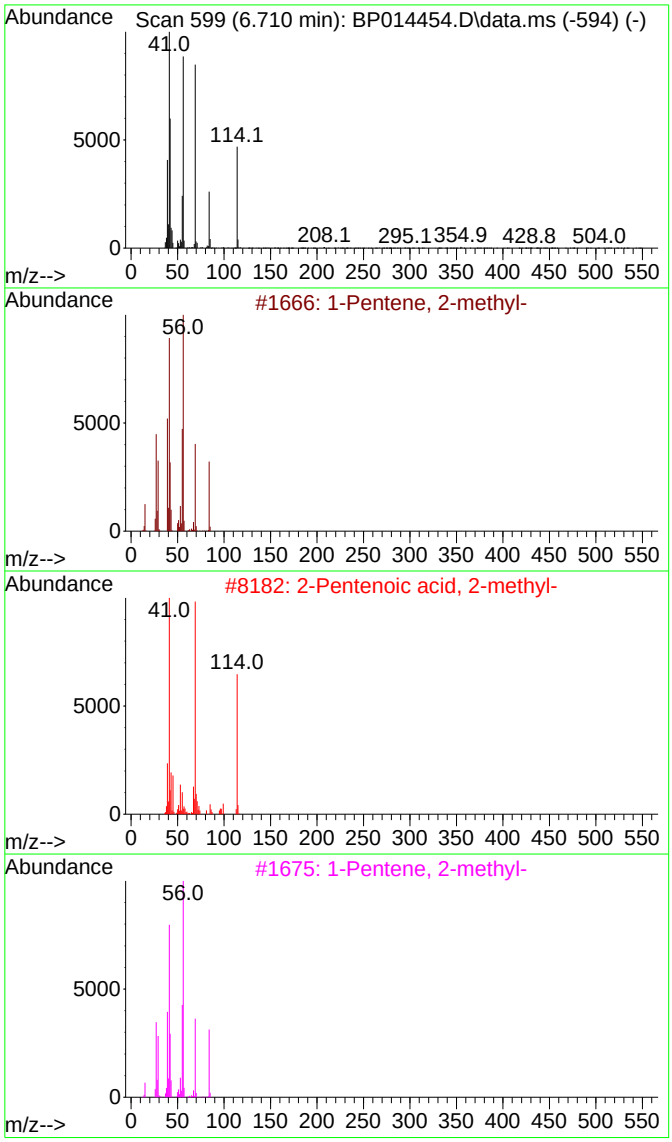
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

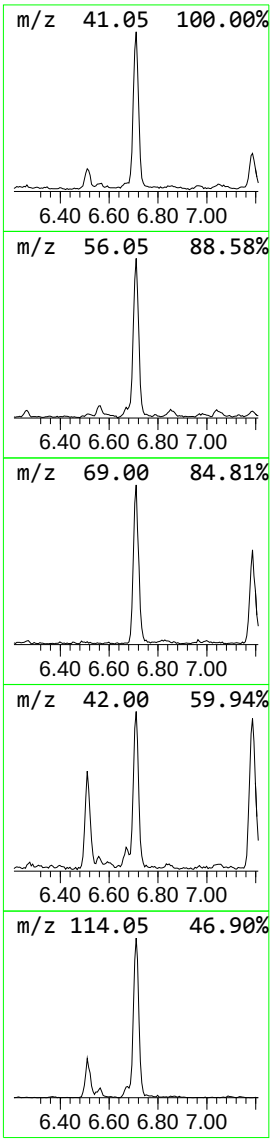
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.710	4.01 ng/ul	294212	1,4-Dichlorobenzene-d4	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43
2	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	35
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	32
4	1-Hexene	84	C6H12	000592-41-6	32
5	4-Methoxy-5H-furan-2-one	114	C5H6O3	069556-70-3	30





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Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

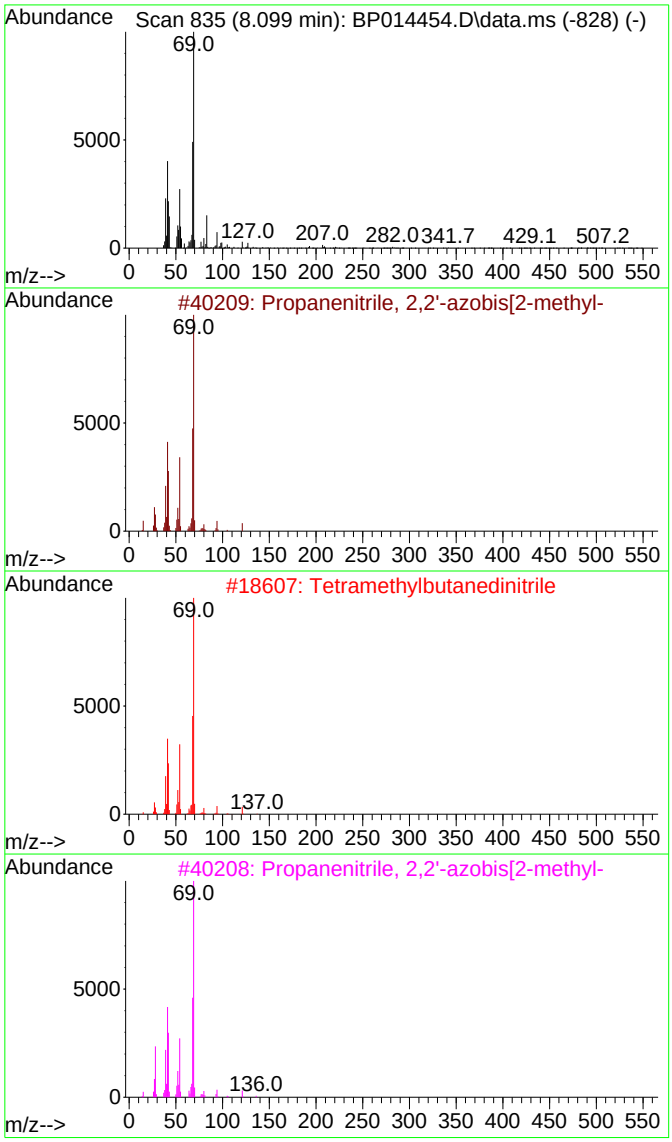
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

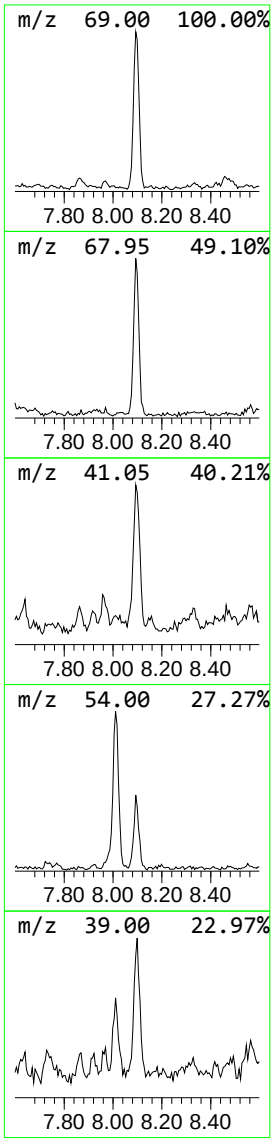
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propanenitrile, 2,2'-azobis... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.099	2.15 ng/ul	157500	1,4-Dichlorobenzene-d4	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	86
2	Tetramethylbutanedinitrile	136	C8H12N2	003333-52-6	86
3	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	78
4	Tetramethylbutanedinitrile	136	C8H12N2	003333-52-6	72
5	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	72





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Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

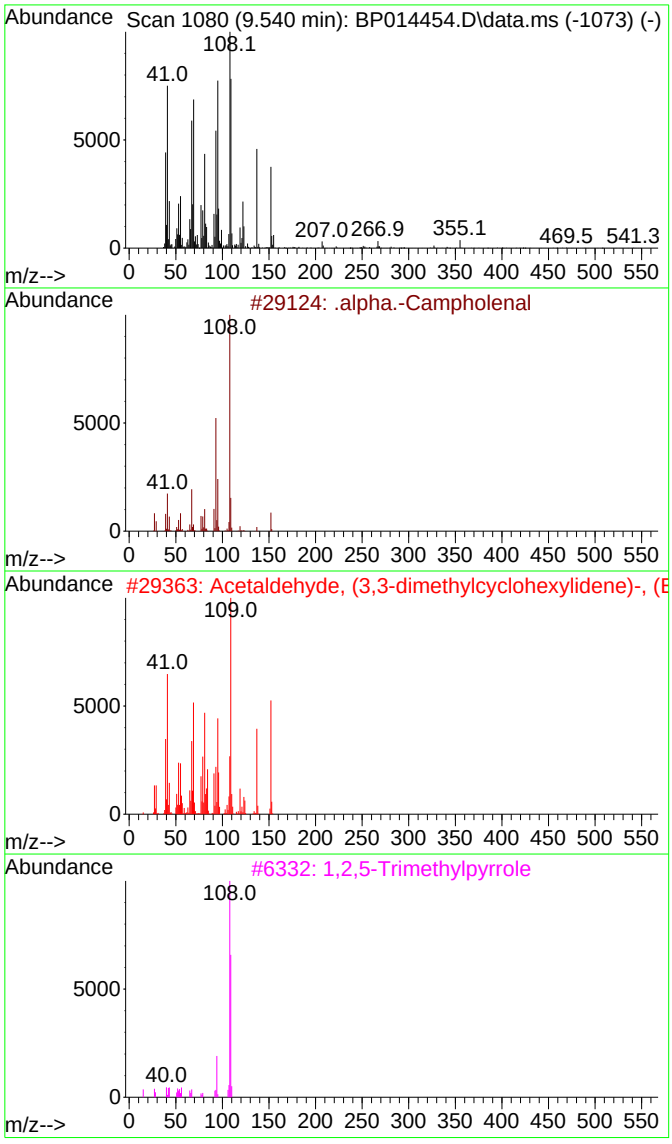
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

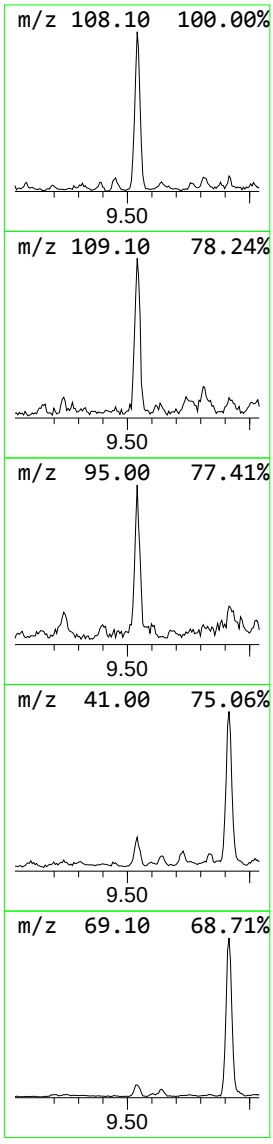
****

Peak Number 6 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.540	2.45 ng/ul	262748	Naphthalene-d8	10.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Campholenal	152	C10H16O	004501-58-0	43
2	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	42
3	1,2,5-Trimethylpyrrole	109	C7H11N	000930-87-0	38
4	Benzenamine, 4-ethoxy-	137	C8H11NO	000156-43-4	38
5	1(2H)-Naphthalenone, octahydro-,...	152	C10H16O	021370-71-8	25





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Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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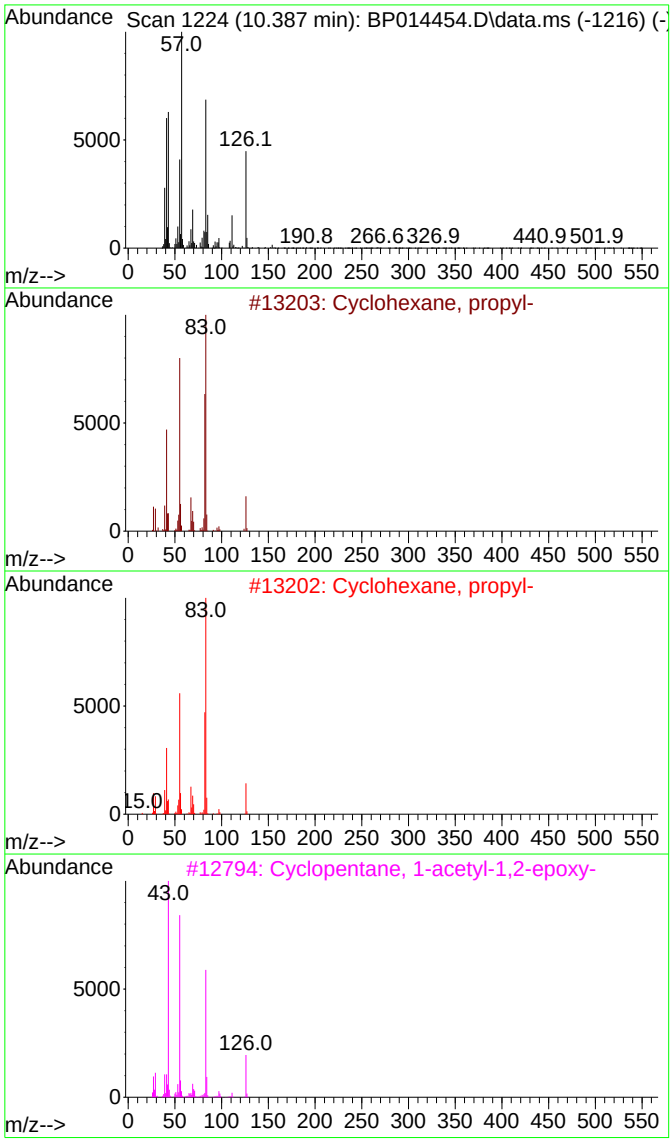
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

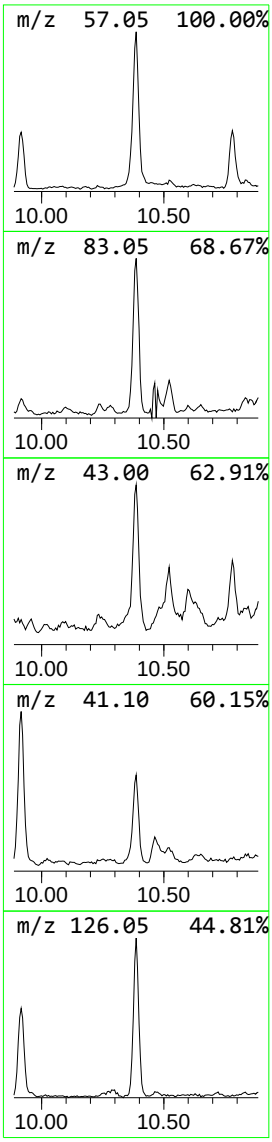
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic10.387 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.387	4.56 ng/ul	488787	Naphthalene-d8	10.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
3	Cyclopentane, 1-acetyl-1,2-epoxy-	126	C7H10O2	015121-02-5	53
4	Lomustine	233	C9H16ClN3O2	013010-47-4	50
5	3-Penten-2-one, 3-ethyl-4-methyl-	126	C8H14O	022287-11-2	50





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Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

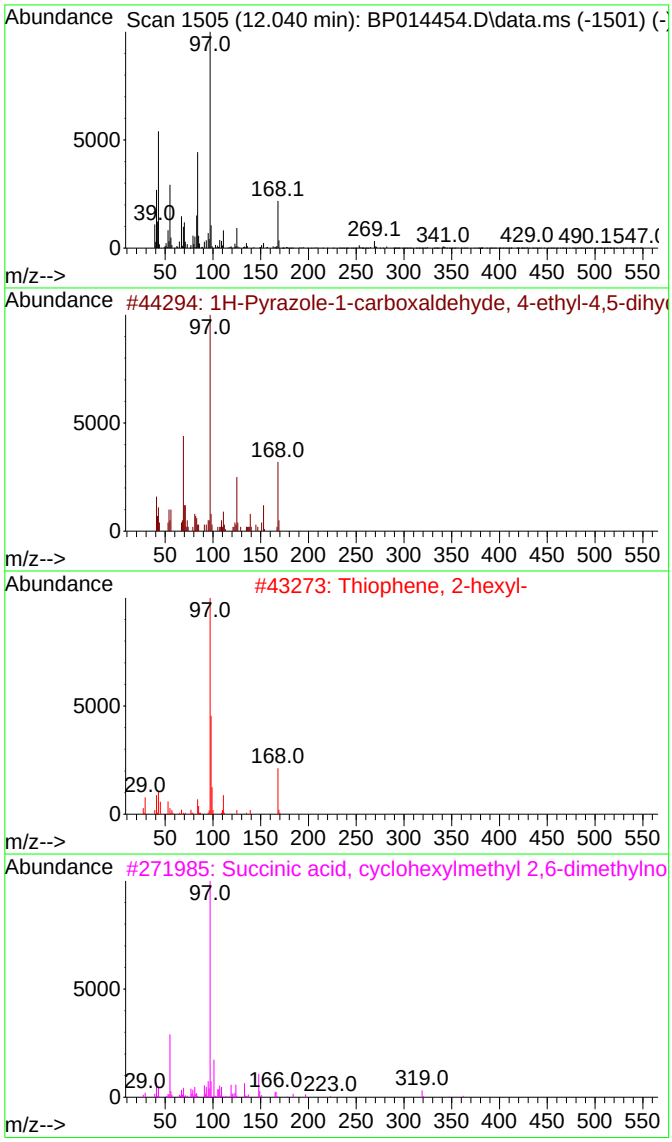
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

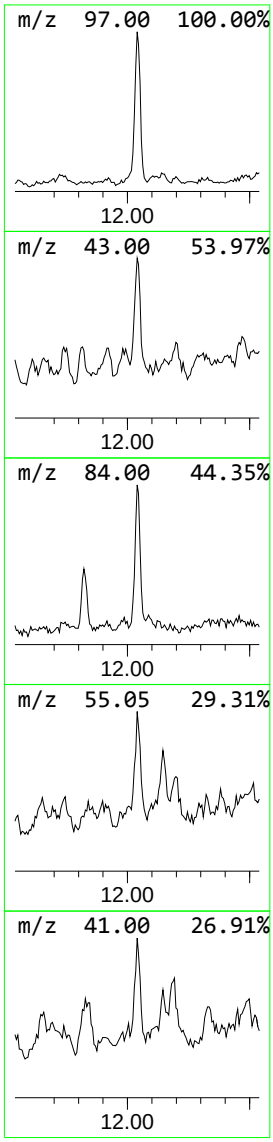
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Pyrazole-1-carboxaldehyd... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.040	2.08 ng/ul	223317	Naphthalene-d8	10.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole-1-carboxaldehyde, 4-...	168	C9H16N2O	054411-09-5	70
2	Thiophene, 2-hexyl-	168	C10H16S	018794-77-9	50
3	Succinic acid, cyclohexylmethyl ...	362	C22H34O4	1000391-01-7	43
4	3-Heptyn-2-ol, 2-methyl-	126	C8H14O	000763-19-9	43
5	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	43





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Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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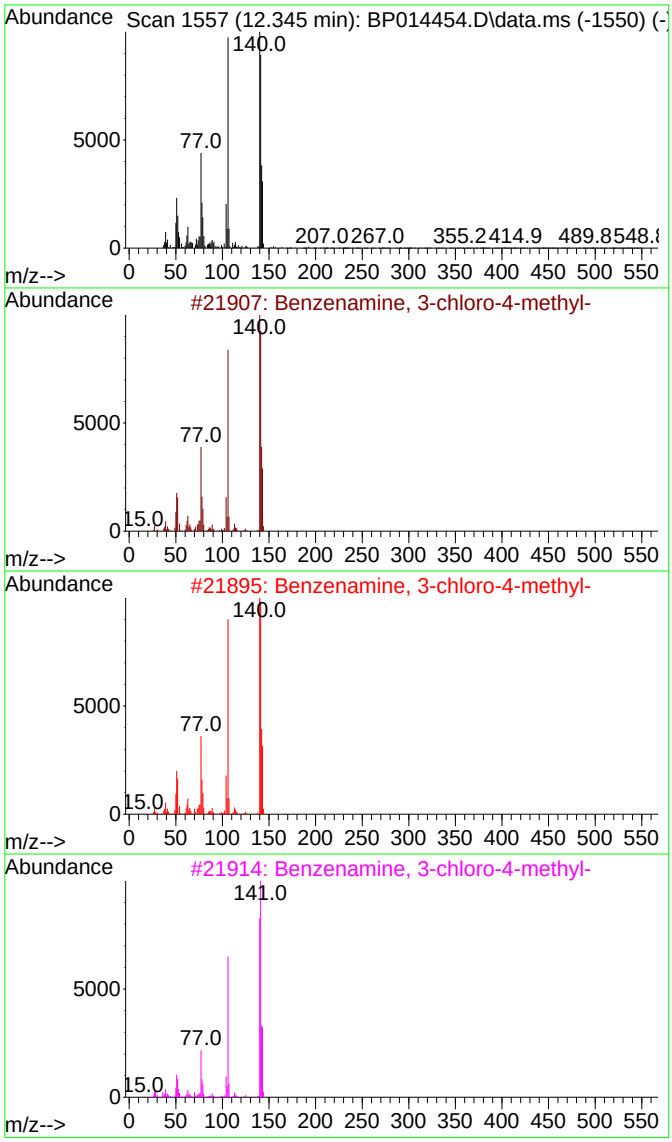
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

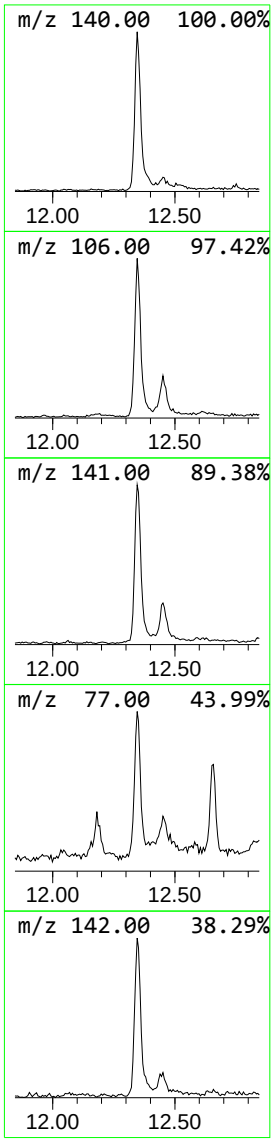
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzenamine, 3-chloro-4-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	4.55 ng/ul	487418	Naphthalene-d8	10.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
2	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
3	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	94
4	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	93
5	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	89





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Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

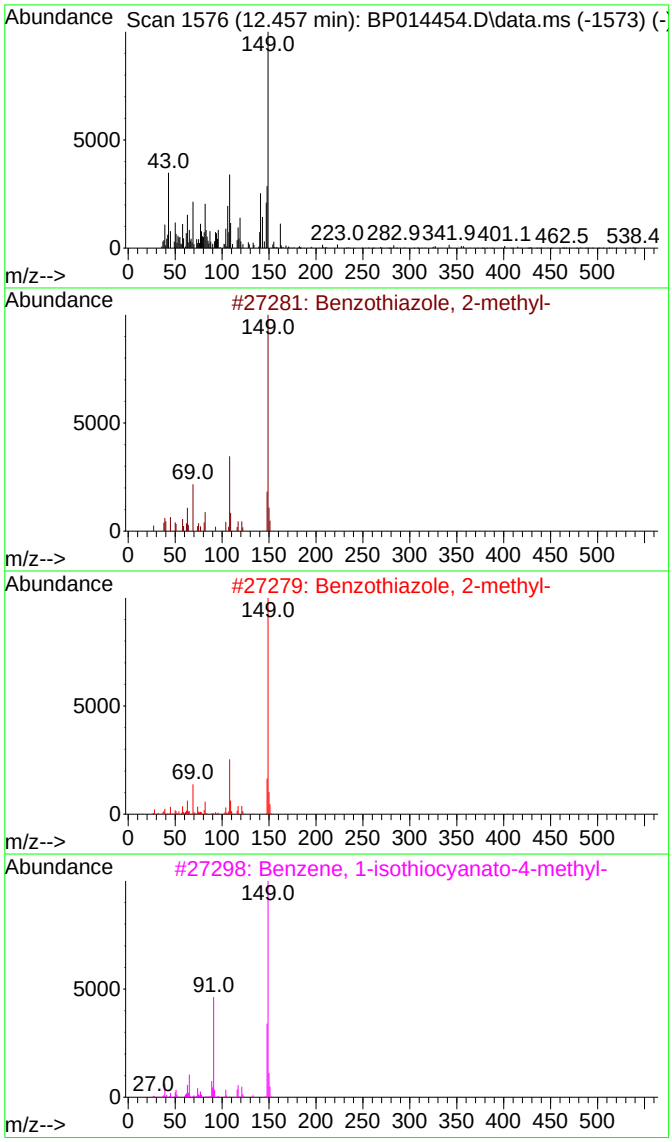
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

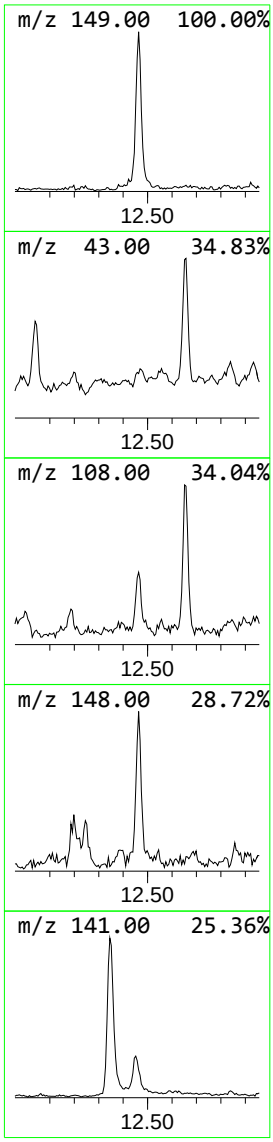
****

Peak Number 10 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	2.49 ng/ul	266521	Naphthalene-d8	10.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	49
2	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	43
3	Benzene, 1-isothiocyanato-4-methyl-	149	C8H7NS	000622-59-3	38
4	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	38
5	1H-Indole-3-thiol, 2TMS	233	C12H11NO2S	1000500-94-7	38





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Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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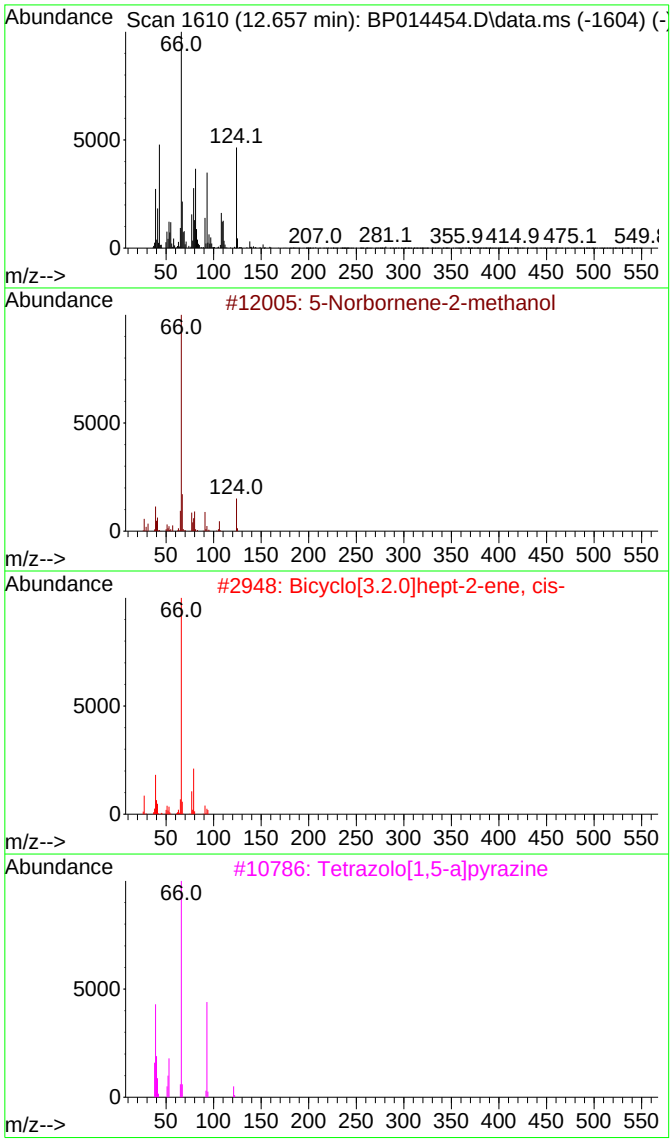
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

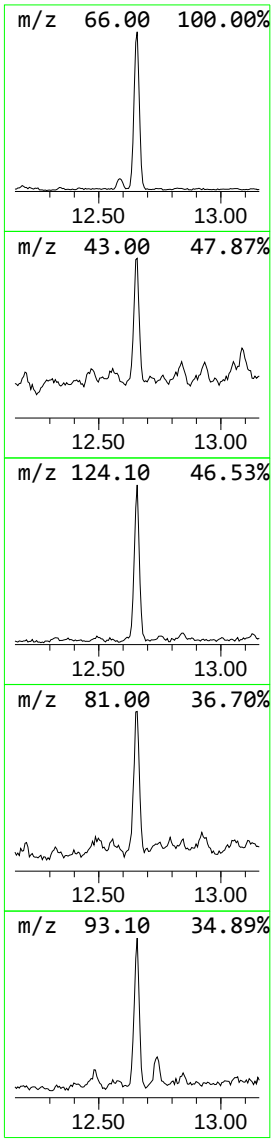
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 5-Norbornene-2-methanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	5.93 ng/ul	635385	Naphthalene-d8	10.840

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Norbornene-2-methanol	124	C8H12O	000095-12-5	64
2	Bicyclo[3.2.0]hept-2-ene, cis-	94	C7H10	1000155-54-0	64
3	Tetrazolo[1,5-a]pyrazine	121	C4H3N5	013349-87-6	59
4	Bicyclo[2.2.1]hept-5-ene-2-carbo...	152	C9H12O2	002903-75-5	58
5	Bicyclo[2.2.1]hept-5-ene-2-carbo...	138	C8H10O2	000120-74-1	58





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Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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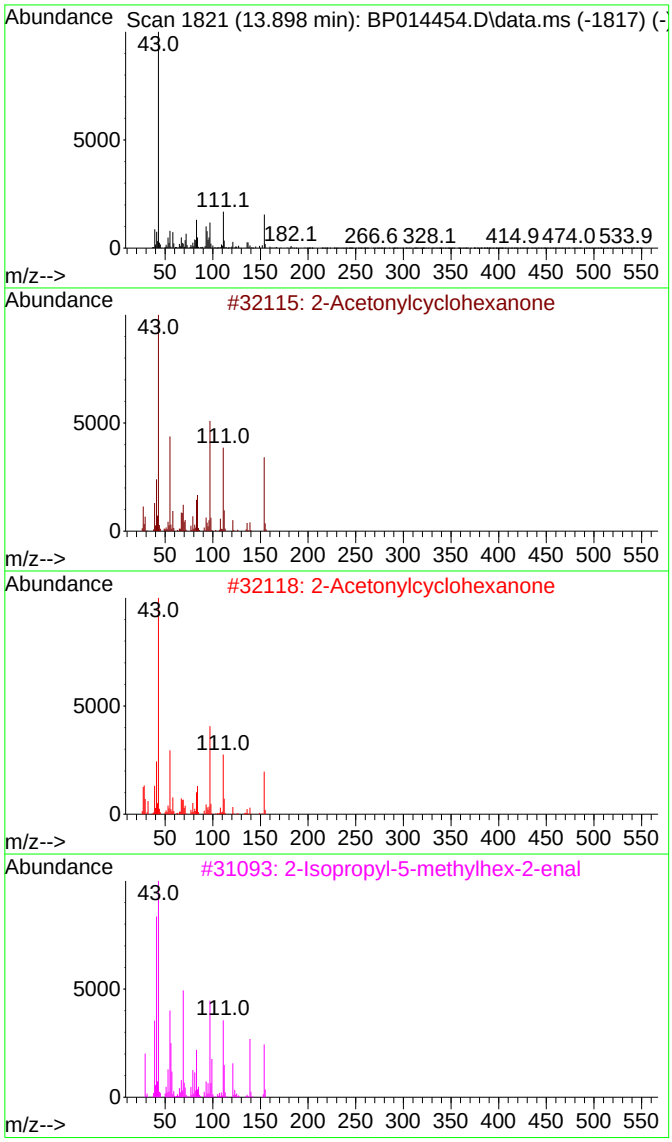
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

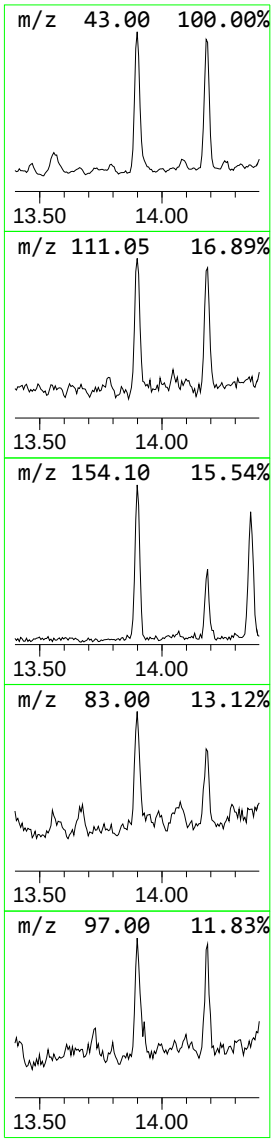
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	3.78 ng/ul	549715	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetonylcyclohexanone	154	C9H14O2	006126-53-0	47
2	2-Acetonylcyclohexanone	154	C9H14O2	006126-53-0	47
3	2-Isopropyl-5-methylhex-2-enal	154	C10H18O	035158-25-9	42
4	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	38
5	3-Ethylidene- heptan-2,6-dione	154	C9H14O2	1000223-47-9	38





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ClientSampleId :
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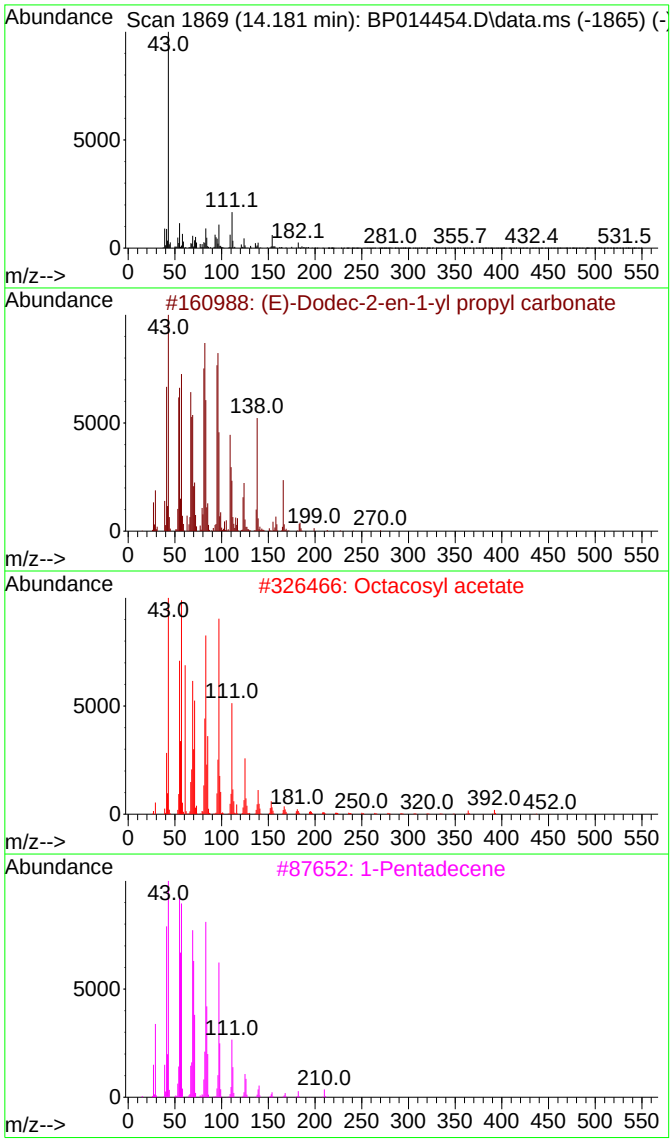
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

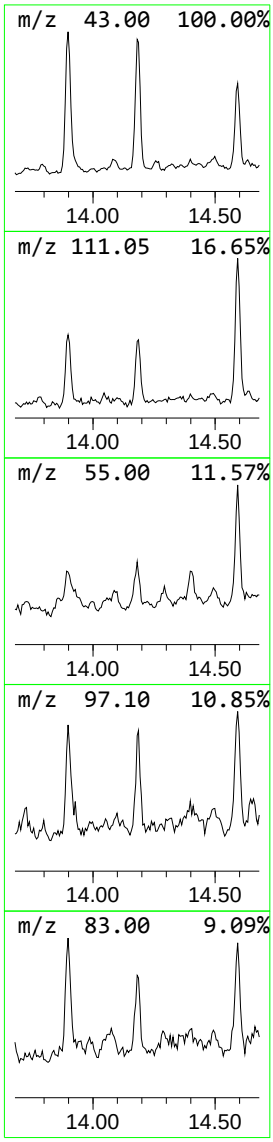
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (E)-Dodec-2-en-1-yl propyl ... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.181	2.16 ng/ul	314248	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Dodec-2-en-1-yl propyl carbo...	270	C16H30O3	1000372-79-9	70
2	Octacosyl acetate	452	C30H60O2	018206-97-8	47
3	1-Pentadecene	210	C15H30	013360-61-7	43
4	1-Octadecanol	270	C18H38O	000112-92-5	43
5	2-Isopropyl-5-methylhex-2-enal	154	C10H18O	035158-25-9	37





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Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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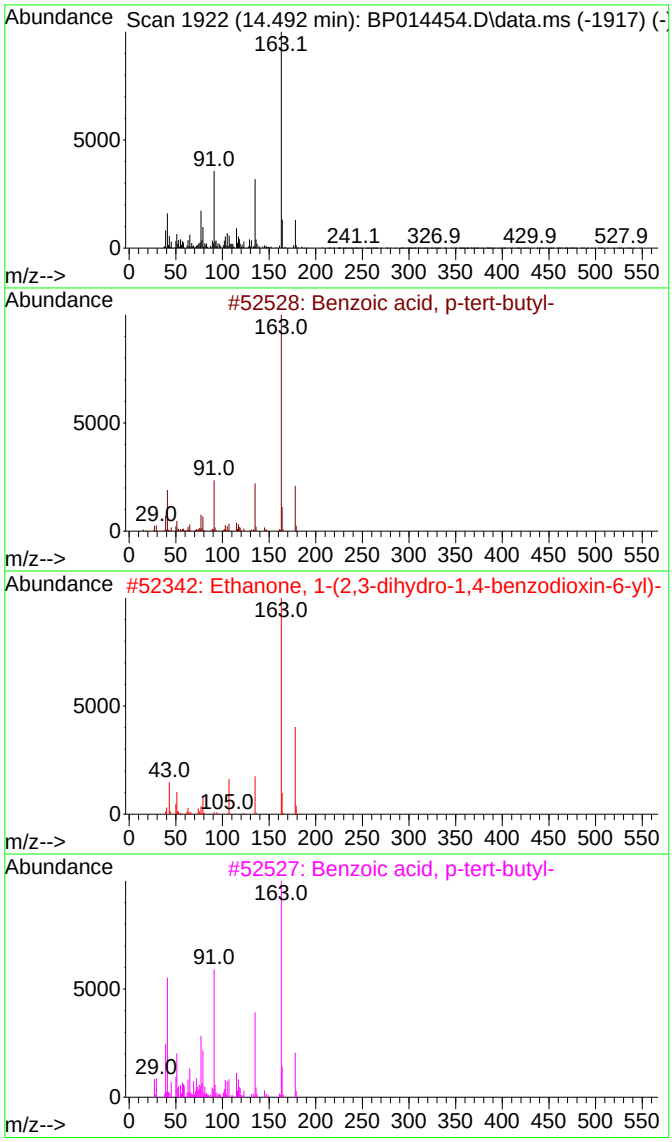
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

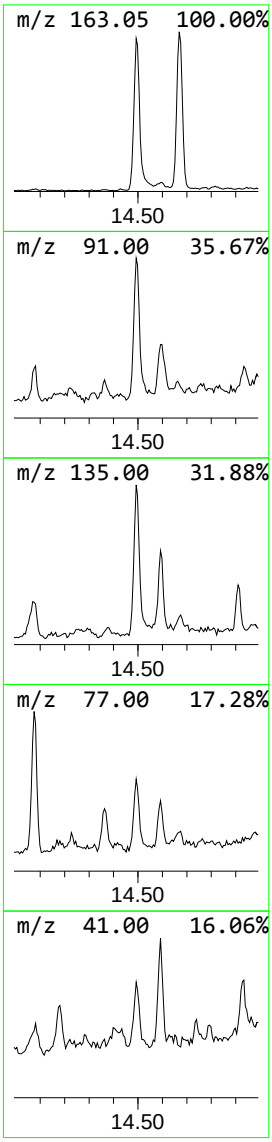
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzoic acid, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.492	4.30 ng/ul	624871	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	90
2	Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	74
3	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	64
4	5-Fluoro-8-quinolinol	163	C9H6FNO	000387-97-3	59
5	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	58





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Quant Title : SVOA CALIBRATION

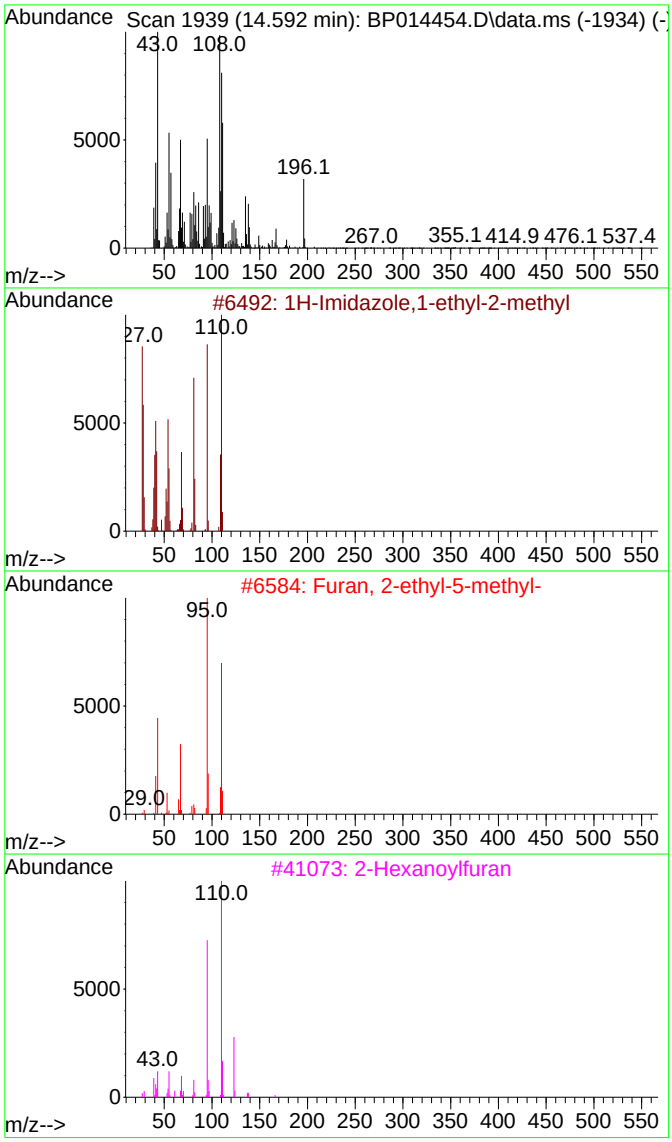
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

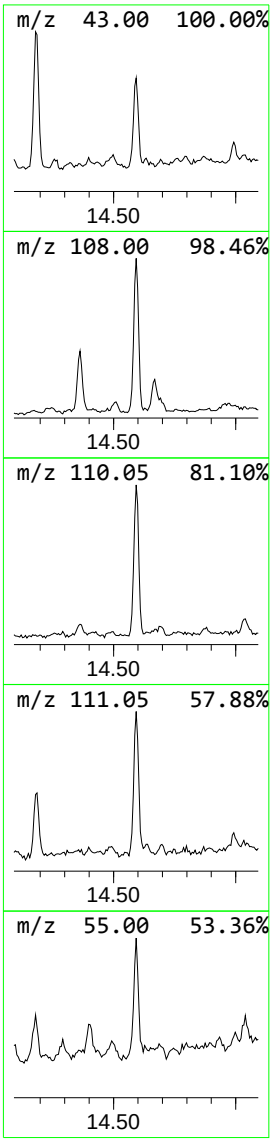
****

Peak Number 15 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.592	6.29 ng/ul	913710	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole,1-ethyl-2-methyl	110	C6H10N2	021202-52-8	27
2	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	25
3	2-Hexanoylfuran	166	C10H14O2	014360-50-0	22
4	Ethanone, 2-cyclopentyl-1-(1H-im...	178	C10H14N2O	069393-25-5	22
5	Hepten-2-yl tiglate, 6-methyl-5-	210	C13H22O2	1000383-64-5	22





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Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

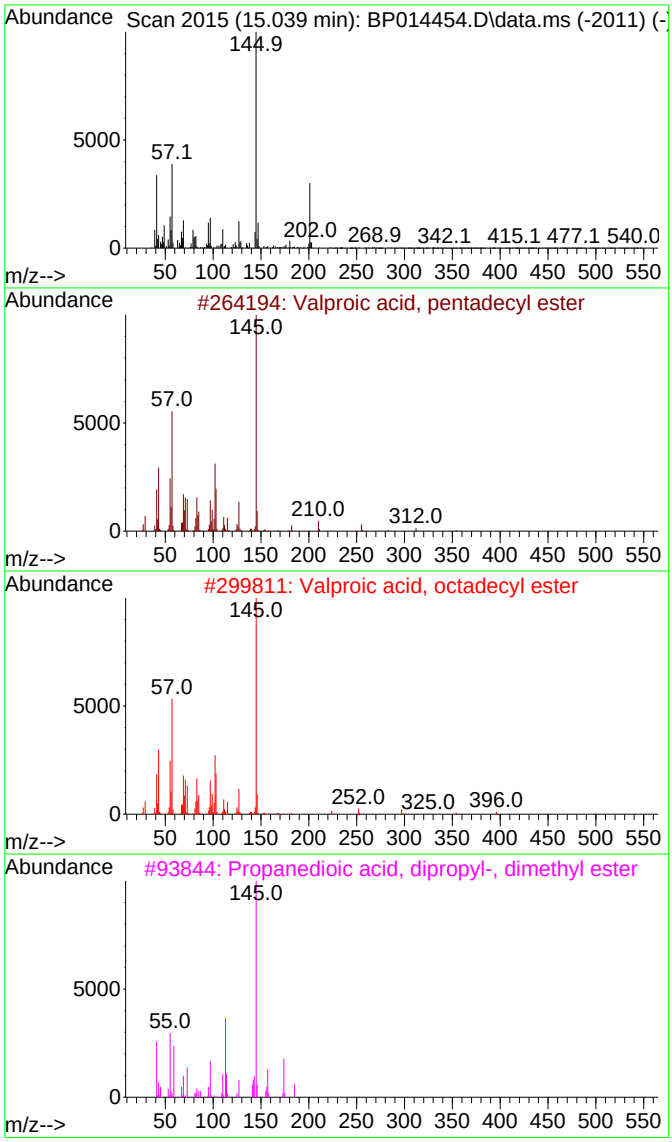
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

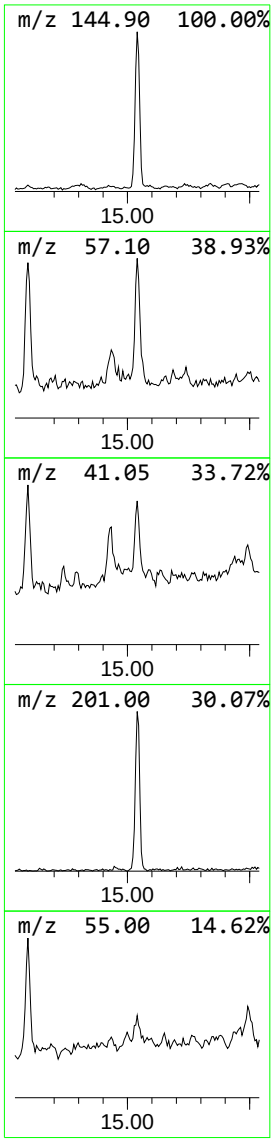
****

Peak Number 16 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.039	2.97 ng/ul	432225	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valproic acid, pentadecyl ester	354	C23H46O2	1010438-98-1	38
2	Valproic acid, octadecyl ester	396	C26H52O2	1000438-98-4	38
3	Propanedioic acid, dipropyl-, di...	216	C11H20O4	016644-05-6	33
4	Valproic acid, heptadecyl ester	382	C25H50O2	1000438-98-3	28
5	Valproic acid, tetradecyl ester	340	C22H44O2	1000438-98-0	28





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Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

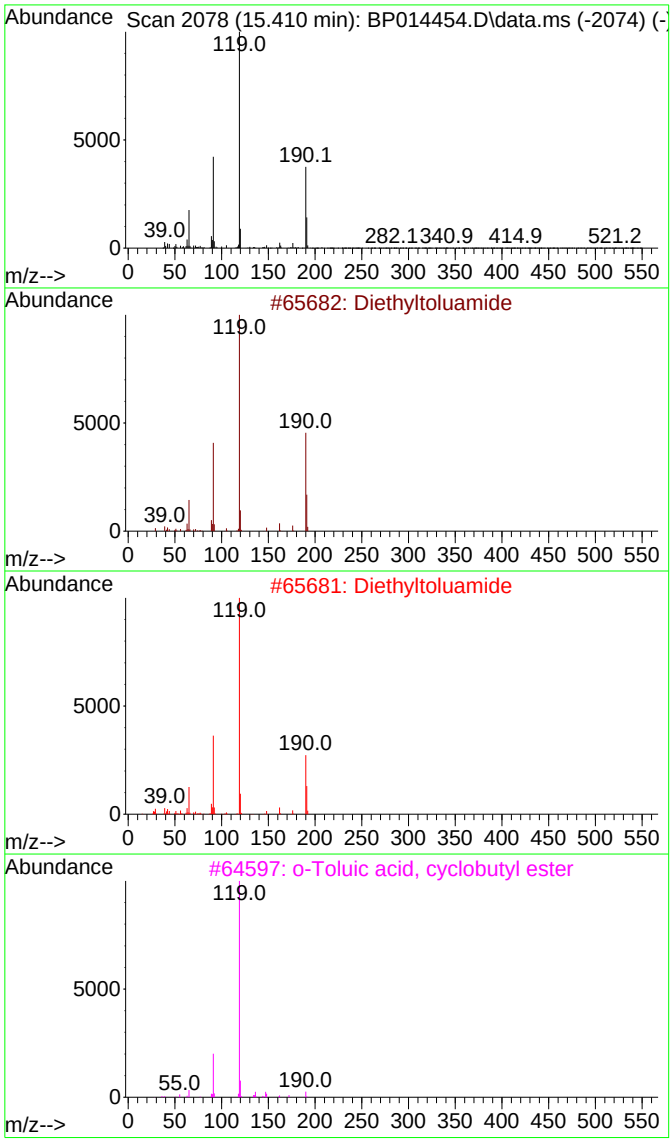
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

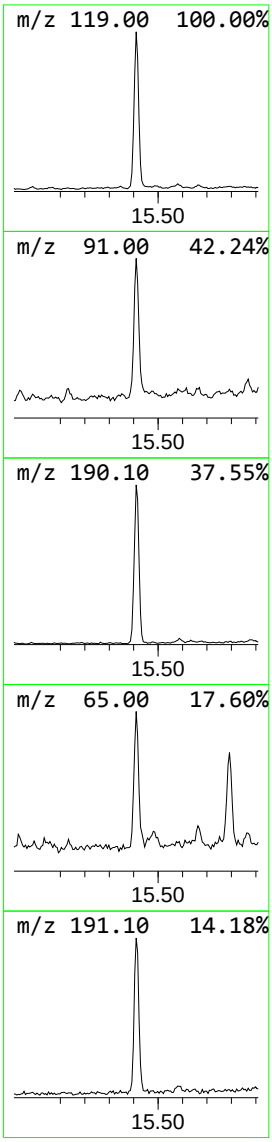
****

Peak Number 17 Diethyltoluamide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	3.42 ng/ul	497061	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Diethyltoluamide	191	C12H17NO	000134-62-3	94
3	o-Toluic acid, cyclobutyl ester	190	C12H14O2	1000292-22-3	87
4	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	87
5	Benzamide, 3-methyl-N-isobutyl-	191	C12H17NO	1000407-41-0	83





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Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

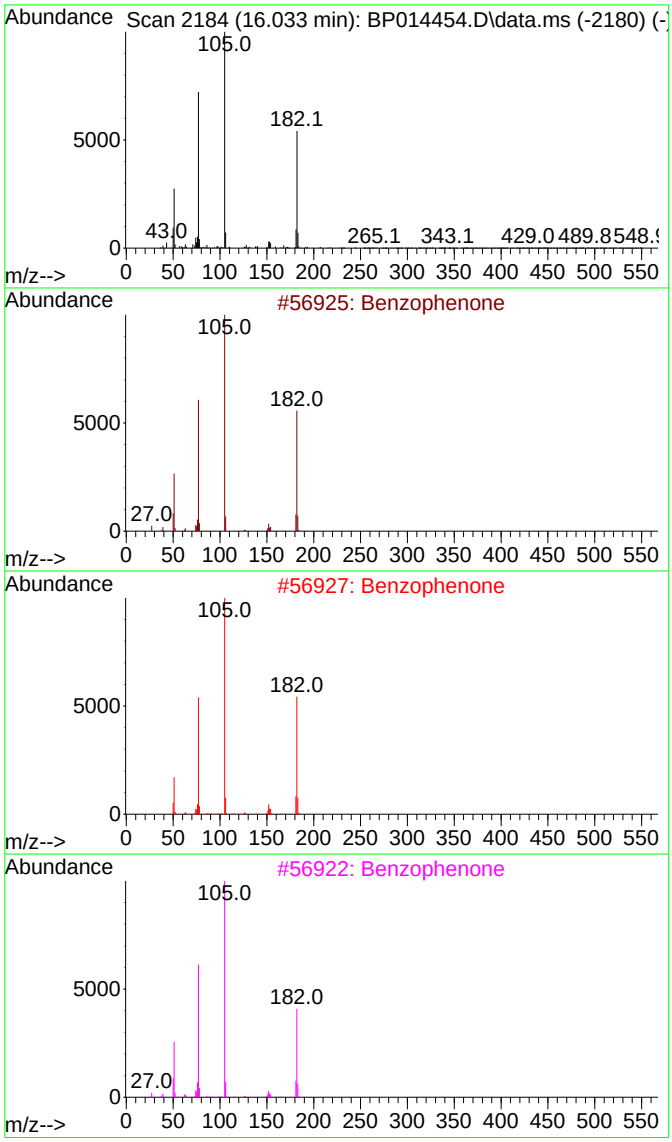
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

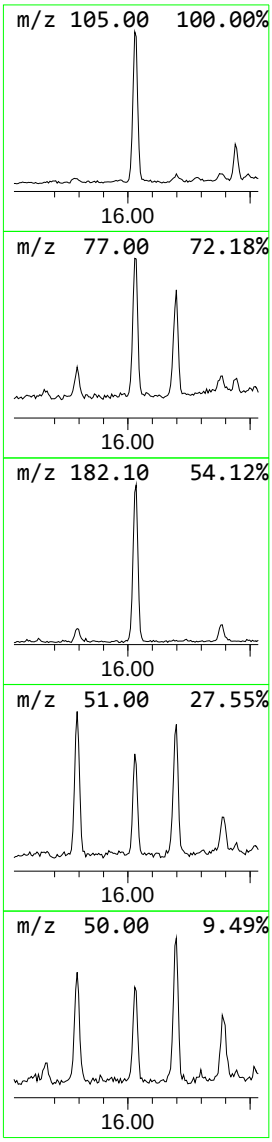
****

Peak Number 18 Benzophenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.034	2.53 ng/ul	367816	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

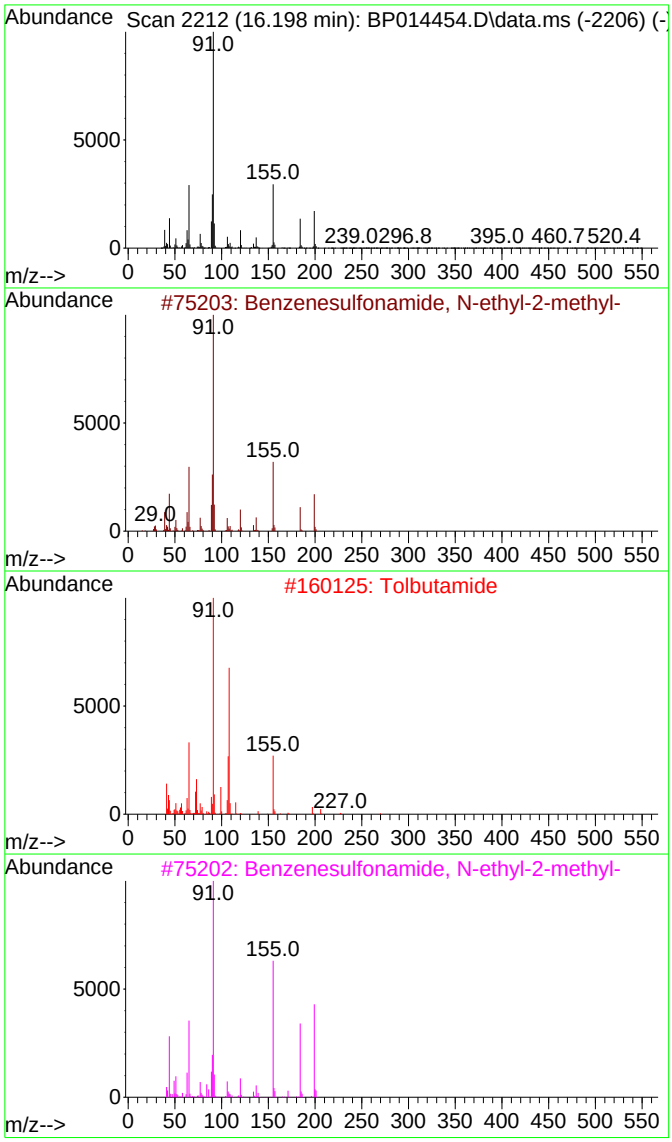
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

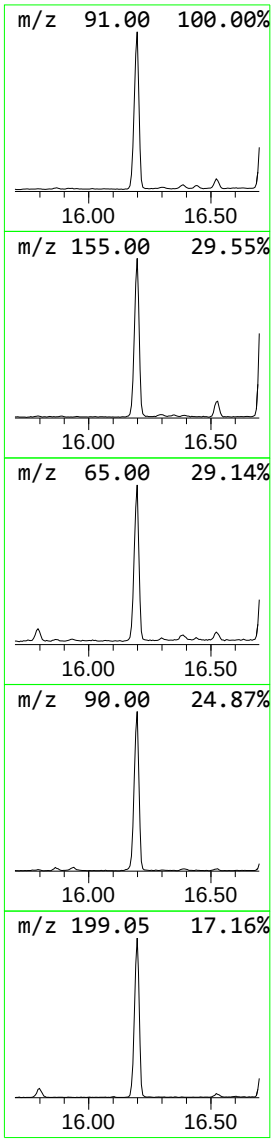
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzenesulfonamide, N-ethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	20.48 ng/ul	3270220	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	98
2	Tolbutamide	270	C12H18N2O3S	000064-77-7	50
3	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	49
4	benzenesulfonamide, 4-methyl-N-[...	369	C16H19NO5S2	1000402-61-7	47
5	Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	47





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Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

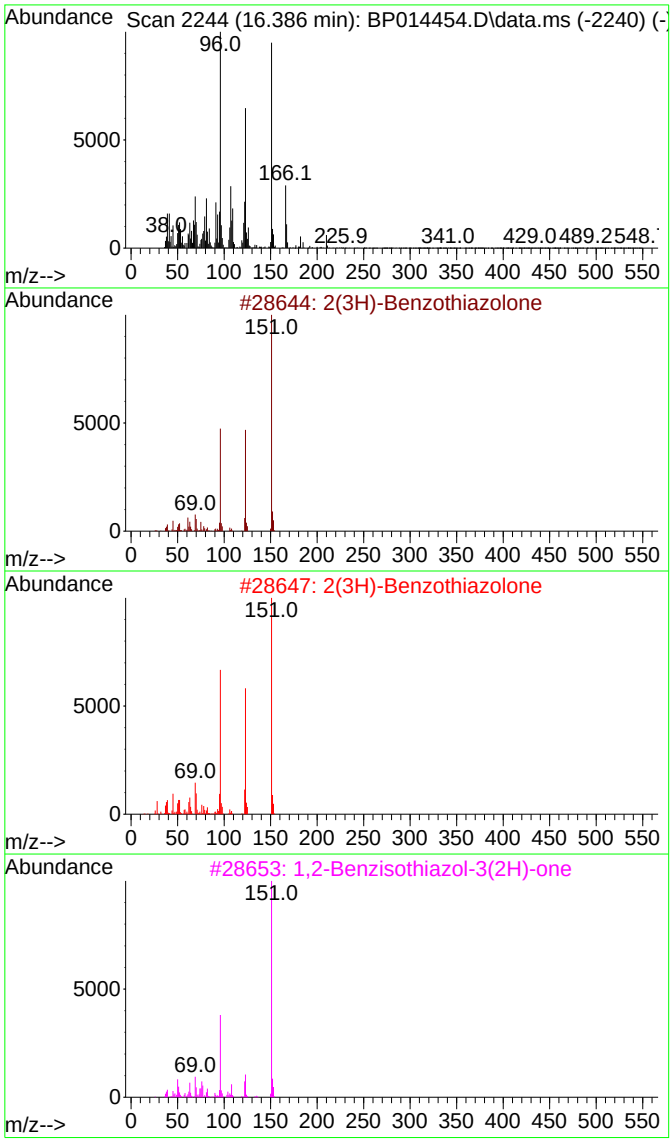
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

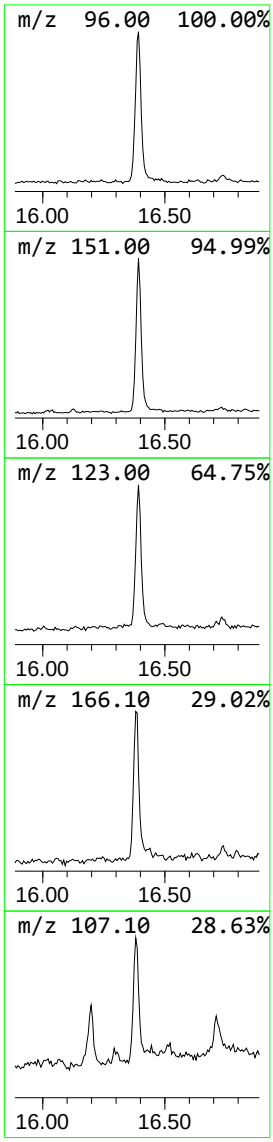
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2(3H)-Benzothiazolone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.386	6.11 ng/ul	976079	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	62
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	55
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	50
4	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	49
5	2(3H)-Benzofuranone, 3a,4,5,7a-t...	166	C10H14O2	033722-72-4	46





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Acq On : 31 Mar 2023 21:03
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Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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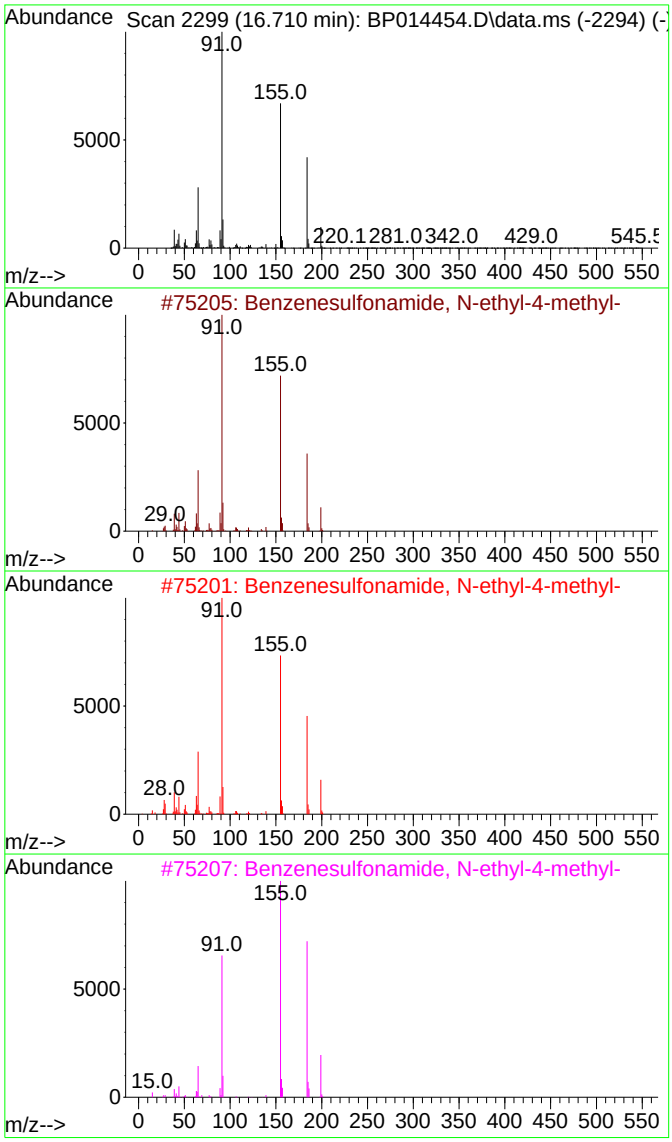
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

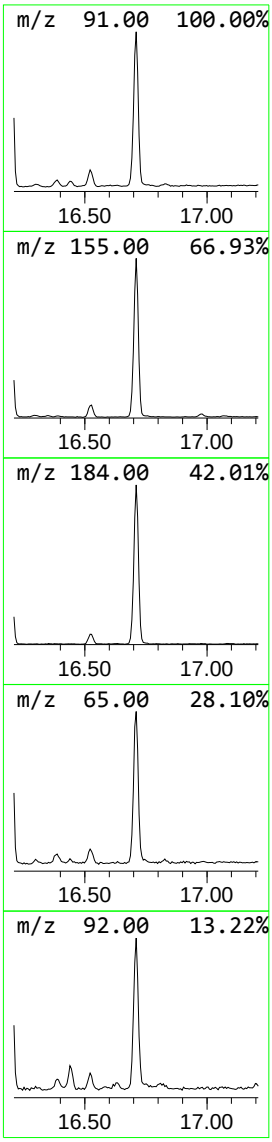
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzenesulfonamide, N-ethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.710	11.48 ng/ul	1832440	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	98
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
3	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	91
4	N-isobutyl-4-methylbenzenesulfon...	227	C11H17NO2S	023705-38-6	86
5	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

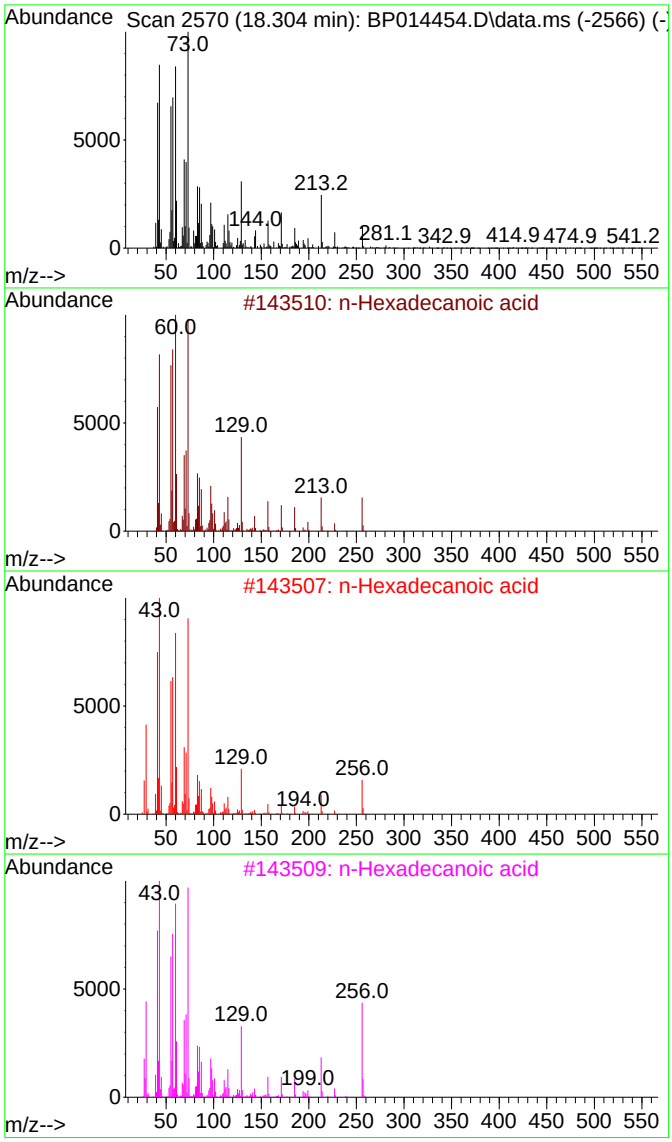
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

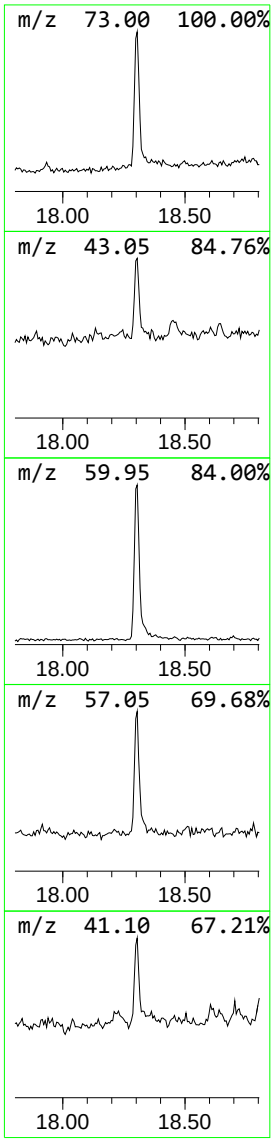
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	3.17 ng/ul	506238	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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Operator : CG/JU
Sample : 02092-09
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB973

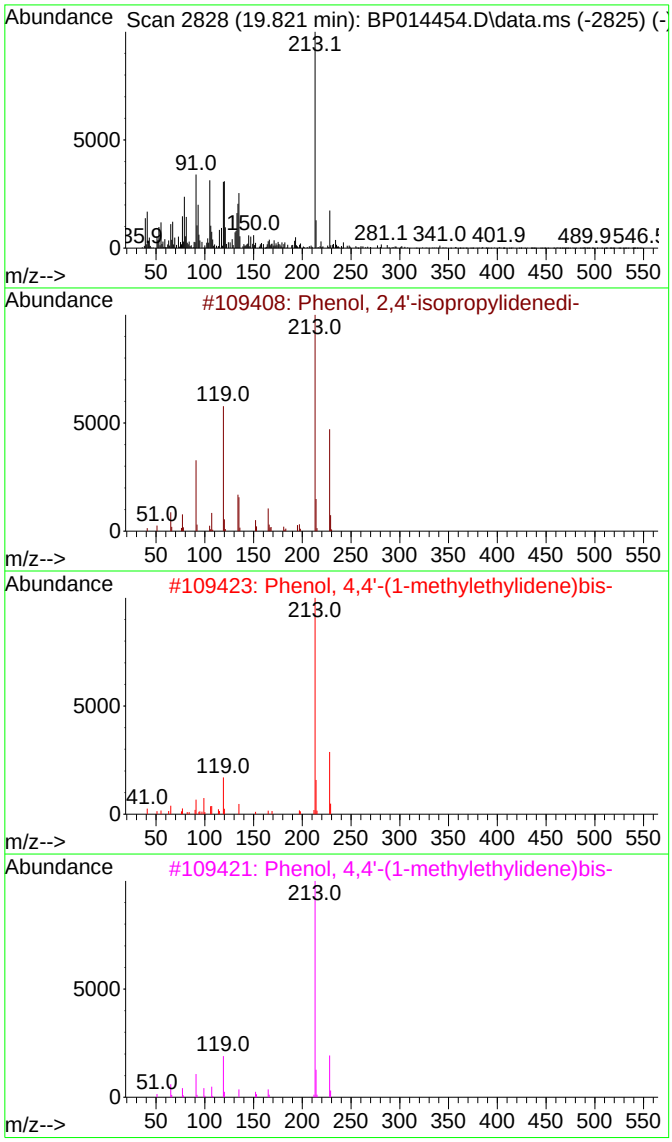
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

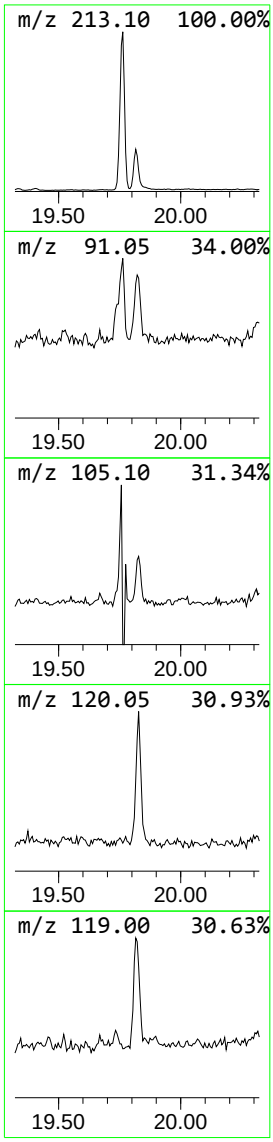
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenol, 2,4'-isopropylidenedi- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.822	3.41 ng/ul	437655	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	59
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	47
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	46
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	43
5	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014454.D
Acq On : 31 Mar 2023 21:03
Operator : CG/JU
Sample : 02092-09
Misc :
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Instrument :
BNA_P
ClientSampleId :
CB973

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.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
3,4-Dimethyldih...	3.669	3.3	ng/ul	239947	1	8.010	1467390	20.0
Paraldehyde	4.222	5.0	ng/ul	369206	1	8.010	1467390	20.0
1,3-Oxathiolane	4.599	5.9	ng/ul	432968	1	8.010	1467390	20.0
(DEL) Alkane: S...	6.710	4.0	ng/ul	294212	1	8.010	1467390	20.0
Propanenitrile,...	8.099	2.1	ng/ul	157500	1	8.010	1467390	20.0
unknown-01	9.540	2.5	ng/ul	262748	2	10.840	2144560	20.0
(DEL) Alkane: C...	10.387	4.6	ng/ul	488787	2	10.840	2144560	20.0
1H-Pyrazole-1-c...	12.040	2.1	ng/ul	223317	2	10.840	2144560	20.0
Benzenamine, 3-...	12.345	4.5	ng/ul	487418	2	10.840	2144560	20.0
unknown-02	12.457	2.5	ng/ul	266521	2	10.840	2144560	20.0
5-Norbornene-2-...	12.657	5.9	ng/ul	635385	2	10.840	2144560	20.0
unknown-03	13.898	3.8	ng/ul	549715	3	14.669	2907560	20.0
(E)-Dodec-2-en-...	14.181	2.2	ng/ul	314248	3	14.669	2907560	20.0
Benzoic acid, p...	14.492	4.3	ng/ul	624871	3	14.669	2907560	20.0
unknown-04	14.592	6.3	ng/ul	913710	3	14.669	2907560	20.0
unknown-05	15.039	3.0	ng/ul	432225	3	14.669	2907560	20.0
Diethyltoluamide	15.410	3.4	ng/ul	497061	3	14.669	2907560	20.0
Benzophenone	16.034	2.5	ng/ul	367816	3	14.669	2907560	20.0
Benzenesulfonam...	16.198	20.5	ng/ul	3270220	4	17.433	3193000	20.0
2(3H)-Benzothia...	16.386	6.1	ng/ul	976079	4	17.433	3193000	20.0
Benzenesulfonam...	16.710	11.5	ng/ul	1832440	4	17.433	3193000	20.0
n-Hexadecanoic ...	18.304	3.2	ng/ul	506238	4	17.433	3193000	20.0
Phenol, 2,4'-is...	19.822	3.4	ng/ul	437655	5	21.521	2566270	20.0