LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
Data File : BN030612.D
Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

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-BN032824.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN030612.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.157	24	29	52	rVB	3578944	6308063	3.46%	0.815%
2	3.440	73	77	88	rVB	197858	345054	0.19%	0.045%
3	3.599	100	104	115	rBV	350656	565871	0.31%	0.073%
4	3.934	152	161	181	rVV3	26218247	69347899	38.01%	8.962%
5	4.446	239	248	263	rVB	22825591	48511327	26.59%	6.269%
6	4.857	313	318	323	rVV	277316	411184	0.23%	0.053%
7	5.028	340	347	362	rVB	11912103	20497967	11.24%	2.649%
8	5.222	371	380	389	rBV	7286870	11645830	6.38%	1.505%
9	5.357	395	403	412	rBV	16250318	38909634	21.33%	5.028%
10	5.428	412	415	424	rVB2	409589	612037	0.34%	0.079%
11	5.716	457	464	474	rVV	9728609	15544861	8.52%	2.009%
12	6.187	538	544	554	rVB	1600816	2413299	1.32%	0.312%
13	6.675	620	627	635	rBV	2476499	3768096	2.07%	0.487%
14	6.787	638	646	651	rBV	5956798	9555992	5.24%	1.235%
15	6.845	651	656	662	rVV	3283536	5332871	2.92%	0.689%
16	6.916	662	668	681	rVB	3540297	5428747	2.98%	0.702%
17	7.034	681	688	691	rBV	1011623	1620712	0.89%	0.209%
18	7.081	691	696	702	rVB	3051452	4750002	2.60%	0.614%
19	7.222	712	720	729	rBV	1022087	1713746	0.94%	0.221%
20	7.345	733	741	748	rVB	8091795	13801180	7.56%	1.784%
21	7.587	773	782	793	rBV	10887078	20029453	10.98%	2.588%
22	7.751	793	810	816	rBV2	23612364	63672217	34.90%	8.228%
23	7.810	816	820	829	rVB	3495762	5340495	2.93%	0.690%
24	8.051	848	861	869	rBV2	14998188	30151501	16.53%	3.896%
25	8.122	869	873	878	rVB2	480244	722239	0.40%	0.093%
26	8.181	878	883	887	rVB	329661	476096	0.26%	0.062%
27	8.234	887	892	897	rBV	913374	1396971	0.77%	0.181%
28	8.322	902	907	913	rVV2	1742160	2765658	1.52%	0.357%
29	8.392	913	919	925	rVV	940021	1668612	0.91%	0.216%
30	8.451	925	929	931	rVV	170003	277624	0.15%	0.036%
31	8.487	931	935	945	rVB	572264	906447	0.50%	0.117%
32	8.639	955	961	965	rBV	1253212	1974476	1.08%	0.255%
33	8.687	965	969	977	rVB	1272418	1983218	1.09%	0.256%
34	8.792	977	987	992	rBV	2672715	4359940	2.39%	0.563%
35	8.851	992	997	1007	rVV3	1291091	3183195	1.74%	0.411%
36	9.004	1014	1023	1036	rVV5	341684	976897	0.54%	0.126%

LSC Area Percent Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

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-BN032824.MA.M
Title : SVOA CALIBRATION

37	9.122	1036	1043	1049	rVB	923148	1514717	0.83%	0.196%
38	9.310	1069	1075	1080	rVV	1513108	2703792	1.48%	0.349%
39	9.375	1080	1086	1094	rVB	2412133	4318120	2.37%	0.558%
40	9.569	1109	1119	1124	rBV	878022	1733423	0.95%	0.224%
41	9.622	1124	1128	1135	rVV	1082503	1927916	1.06%	0.249%
42	9.692	1135	1140	1141	rVV2	107443	193845	0.11%	0.025%
43	9.734	1141	1147	1157	rVB	1111441	2051668	1.12%	0.265%
44	9.881	1165	1172	1184	rBV3	1838775	4897762	2.68%	0.633%
45	10.116	1202	1212	1231	rVB2	1135328	3137635	1.72%	0.405%
46	10.428	1242	1265	1268	rBV2	32120124	182442780	100.00%	23.577%
47	10.534	1278	1283	1286	rBV	1599835	2392796	1.31%	0.309%
48	10.575	1286	1290	1295	rVV	6784949	10028244	5.50%	1.296%
49	10.639	1295	1301	1311	rVV	952636	1914297	1.05%	0.247%
50	10.728	1311	1316	1324	rVB	107889	209059	0.11%	0.027%
51	10.922	1331	1349	1353	rBV2	25428109	84202580	46.15%	10.881%
52	11.157	1383	1389	1397	rVB2	87224	199159	0.11%	0.026%
53	11.422	1424	1434	1445	rVV2	200572	624289	0.34%	0.081%
54	12.145	1551	1557	1563	rVB	214788	340728	0.19%	0.044%
55	12.257	1571	1576	1582	rBV	116710	214067	0.12%	0.028%
56	12.510	1607	1619	1625	rBV	663384	1237646	0.68%	0.160%
57	12.575	1625	1630	1643	rVB	1745543	2556891	1.40%	0.330%
58	12.822	1667	1672	1685	rVB	585567	987148	0.54%	0.128%
59	12.963	1690	1696	1703	rBV	312638	472498	0.26%	0.061%
60	13.127	1718	1724	1727	rBV2	332976	618237	0.34%	0.080%
61	13.163	1727	1730	1736	rVV	408914	603843	0.33%	0.078%
62	13.751	1824	1830	1836	rVB	2886871	3983591	2.18%	0.515%
63	13.869	1843	1850	1855	rBV2	177215	270762	0.15%	0.035%
64	13.992	1866	1871	1872	rVV2	259735	317465	0.17%	0.041%
65	14.027	1872	1877	1889	rVB2	3385558	5140726	2.82%	0.664%
66	14.333	1921	1929	1938	rBV	1984597	3112292	1.71%	0.402%
67	14.533	1955	1963	1973	rVB	376253	612194	0.34%	0.079%
68	14.774	2000	2004	2009	rVV	144073	242804	0.13%	0.031%
69	14.874	2017	2021	2026	rVV	472633	618759	0.34%	0.080%
70	14.945	2029	2033	2039	rVV3	130166	220042	0.12%	0.028%
71	15.245	2079	2084	2092	rVB	167311	287532	0.16%	0.037%
72	15.333	2092	2099	2105	rBV	4186200	6221087	3.41%	0.804%
73	15.445	2112	2118	2127	rBV	1182479	1690228	0.93%	0.218%
74	15.880	2188	2192	2199	rVB	461595	605595	0.33%	0.078%
75	17.086	2388	2397	2403	rBV	2406710	3532364	1.94%	0.456%
76	17.186	2407	2414	2425	rVB	4450478	6646341	3.64%	0.859%

LSC Area Percent Report

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Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

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-BN032824.MA.M
Title : SVOA CALIBRATION

77	17.568	2475	2479	2489	rVV	207898	346860	0.19%	0.045%
78	17.992	2546	2551	2559	rBV	363898	580914	0.32%	0.075%
79	18.662	2660	2665	2675	rBV	614051	862742	0.47%	0.111%
80	19.274	2765	2769	2779	rBV	227032	349041	0.19%	0.045%
81	19.486	2799	2805	2810	rBV	5634845	7679858	4.21%	0.992%
82	20.645	2998	3002	3012	rBV	636732	871819	0.48%	0.113%
83	20.980	3054	3059	3063	rBV	1194181	1633396	0.90%	0.211%
84	21.321	3111	3117	3126	rBV	2769011	3868134	2.12%	0.500%
85	24.068	3574	3584	3598	rVB	3071111	7666429	4.20%	0.991%
86	24.262	3609	3617	3635	rVB	1511732	3961576	2.17%	0.512%

Sum of corrected areas: 773815102

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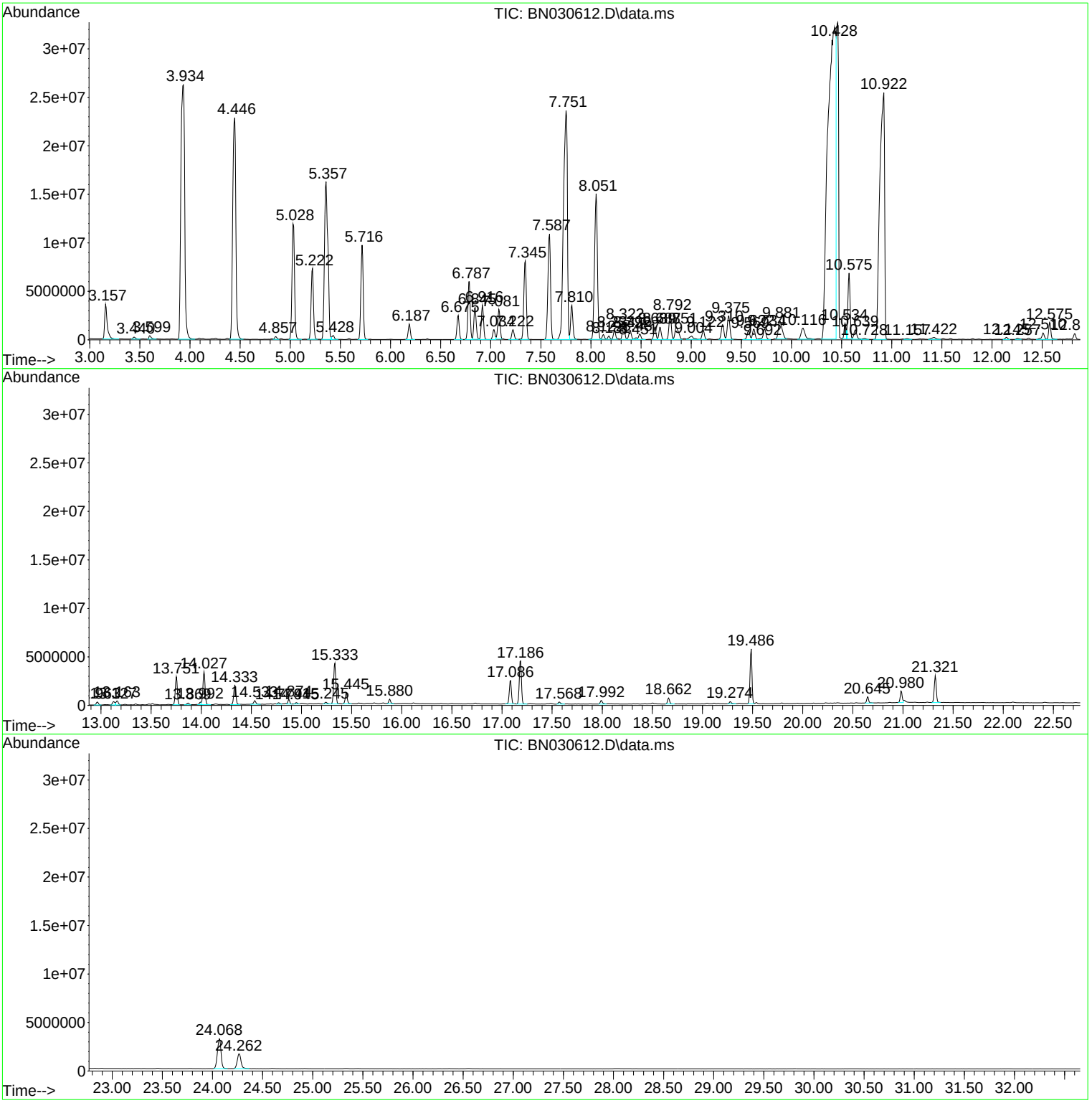
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
Data File : BN030612.D
Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

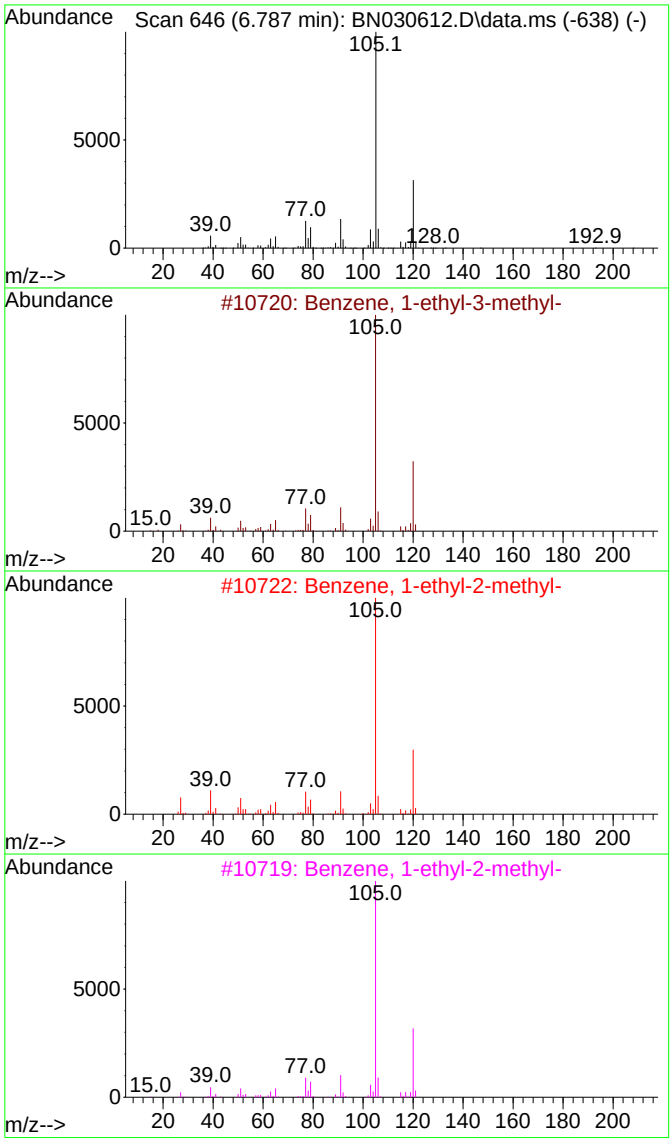
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

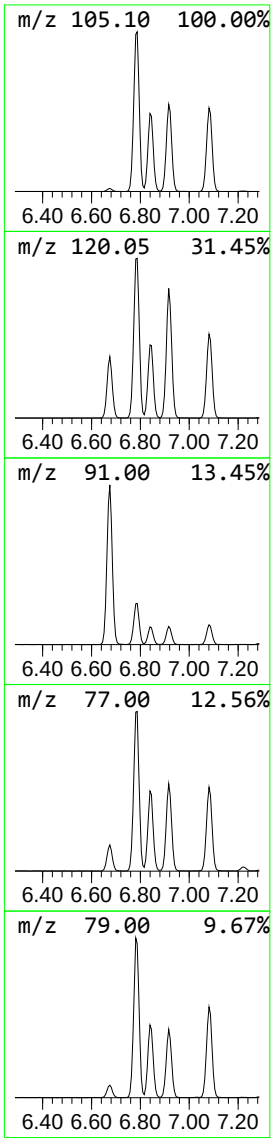
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.787	3.00 ng/ul	9555990	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
Data File : BN030612.D
Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

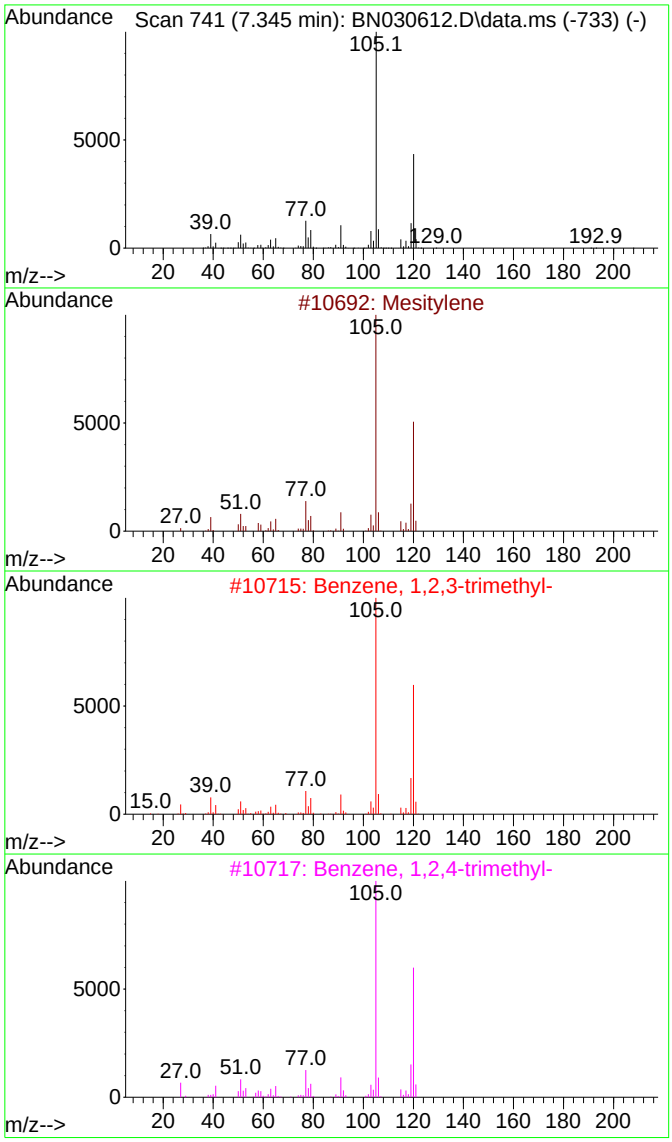
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

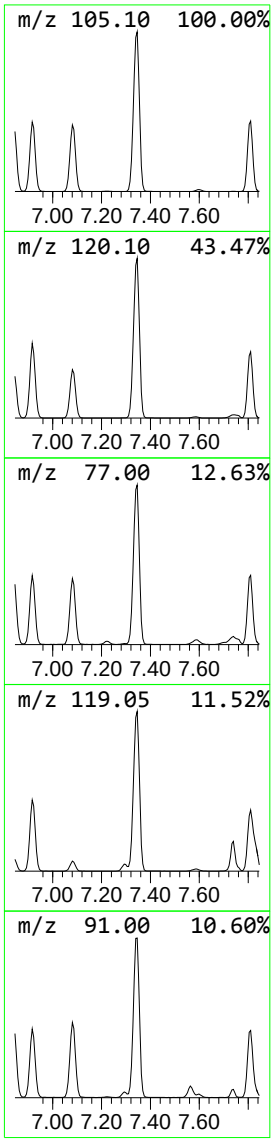
****

Peak Number 8 Mesitylene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.345	4.34 ng/ul	13801200	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





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Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

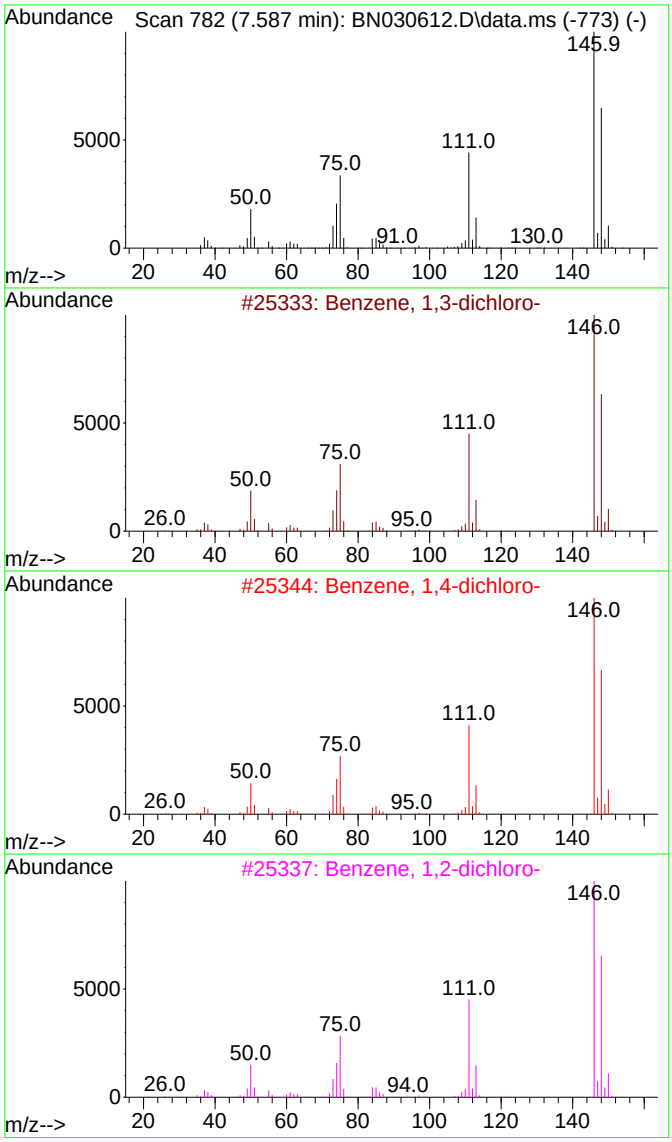
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

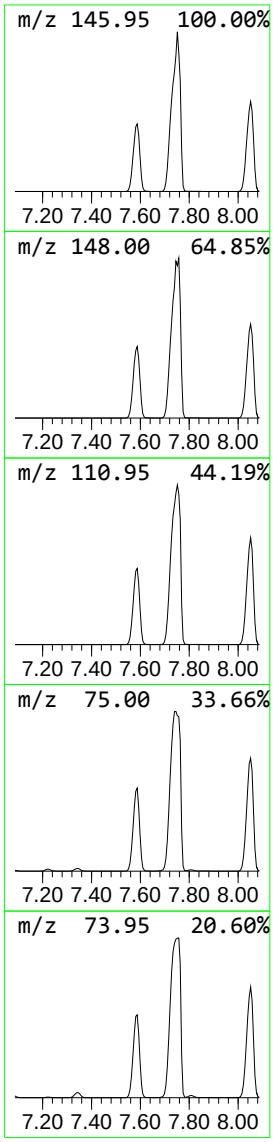
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,3-dichloro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.587	6.29 ng/ul	20029500	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96





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Instrument :
BNA_N
ClientSampleId :
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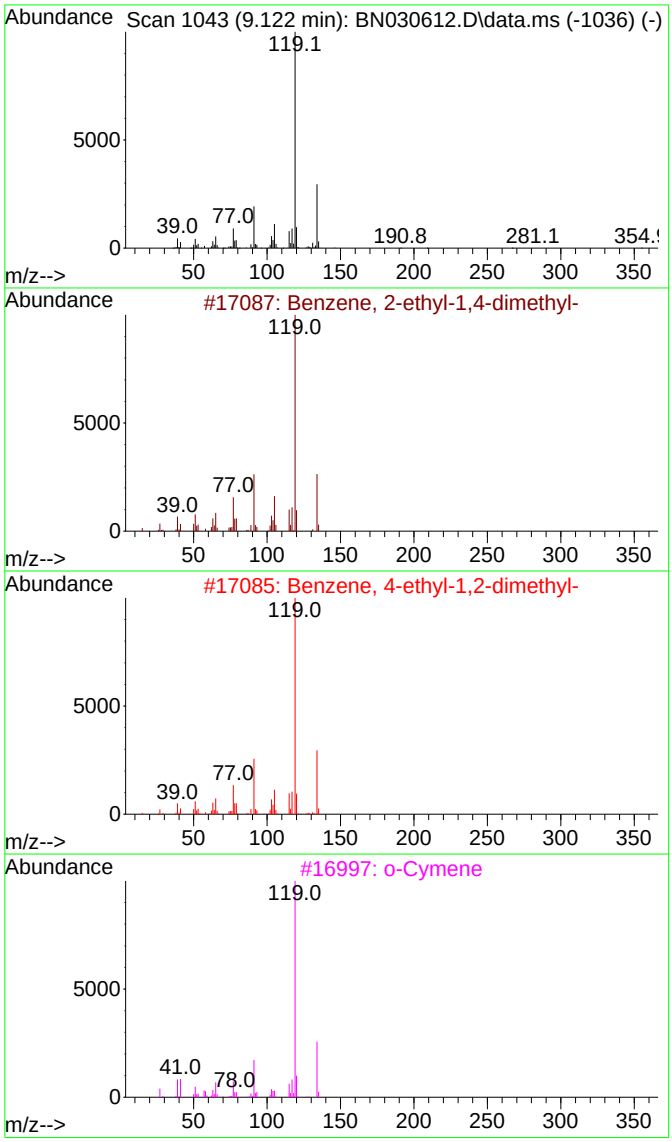
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

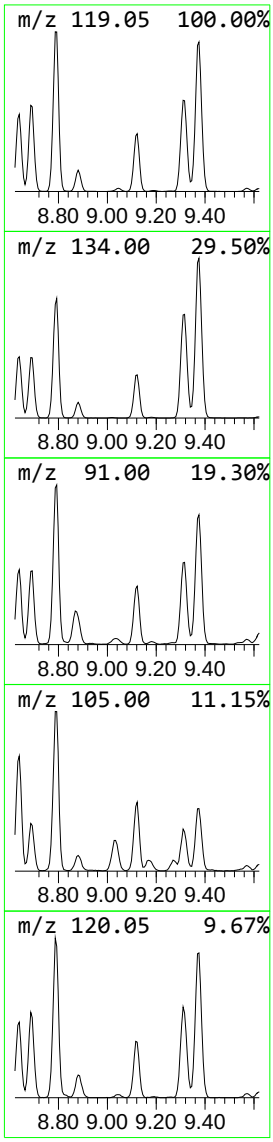
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.122	12.66 ng/ul	1514720	Naphthalene-d8	10.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

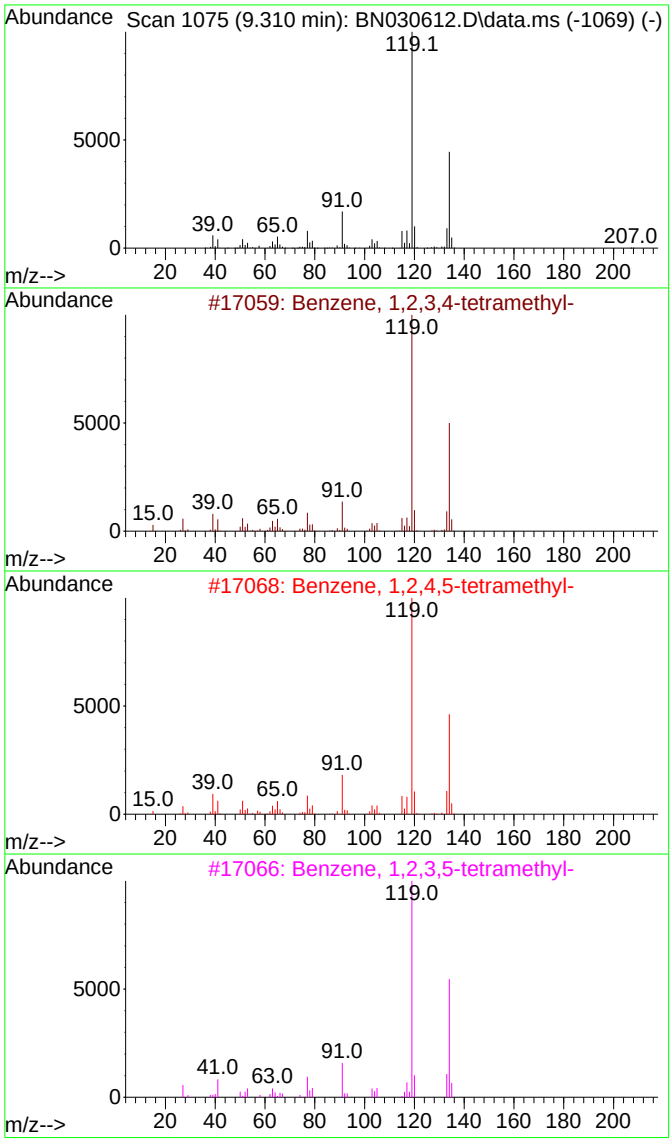
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

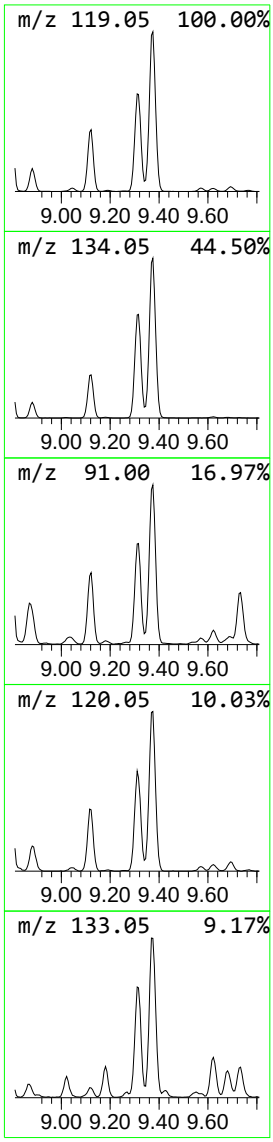
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	22.60 ng/ul	2703790	Naphthalene-d8	10.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





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Instrument :
BNA_N
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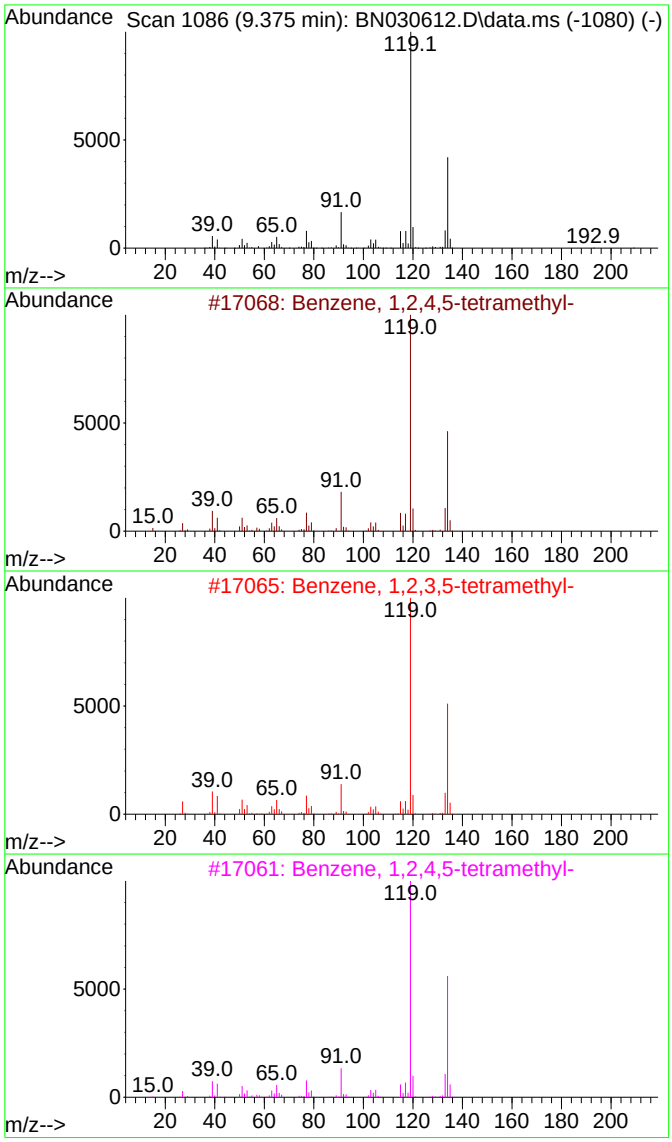
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

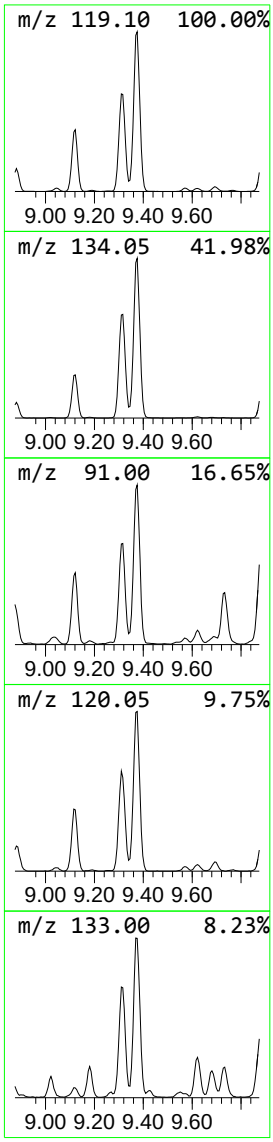
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.375	36.09 ng/ul	4318120	Naphthalene-d8	10.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

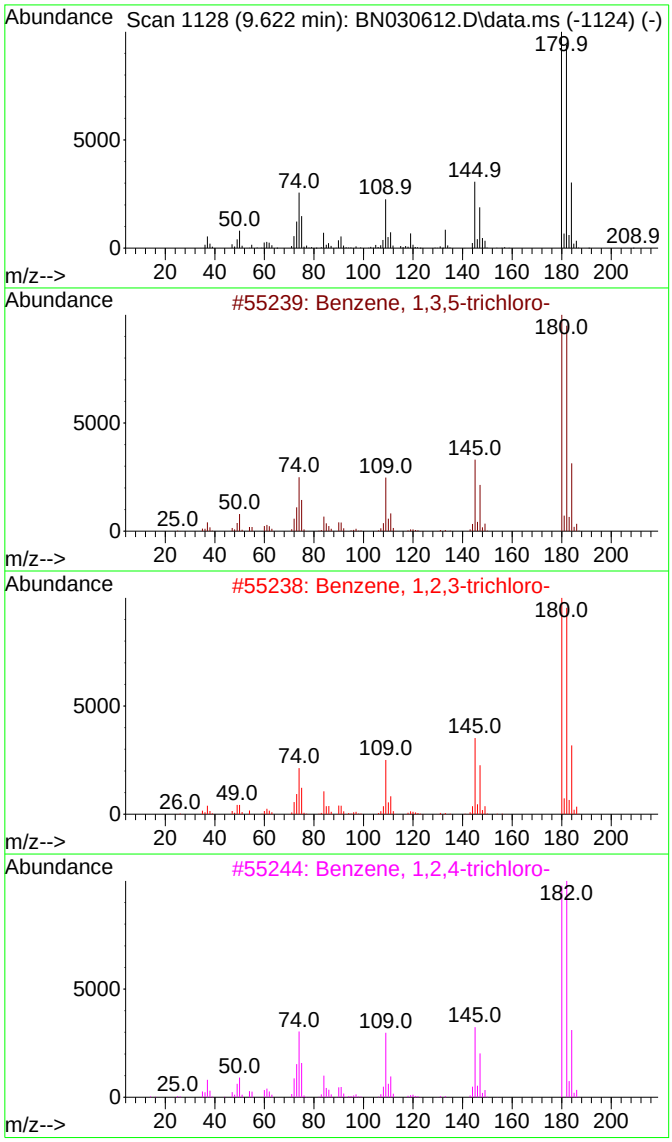
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

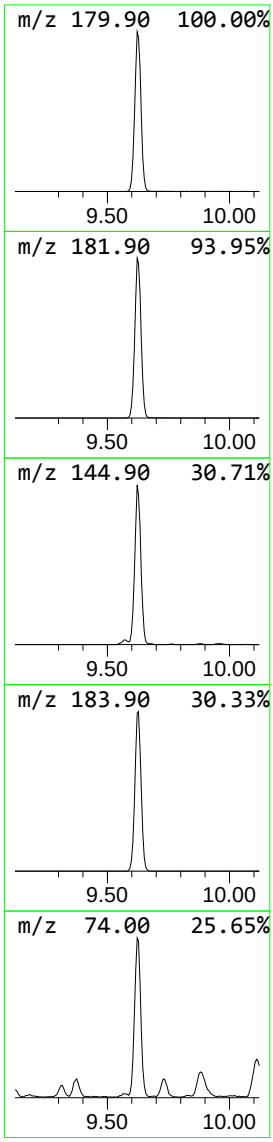
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,3,5-trichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	16.11 ng/ul	1927920	Naphthalene-d8	10.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	95





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Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

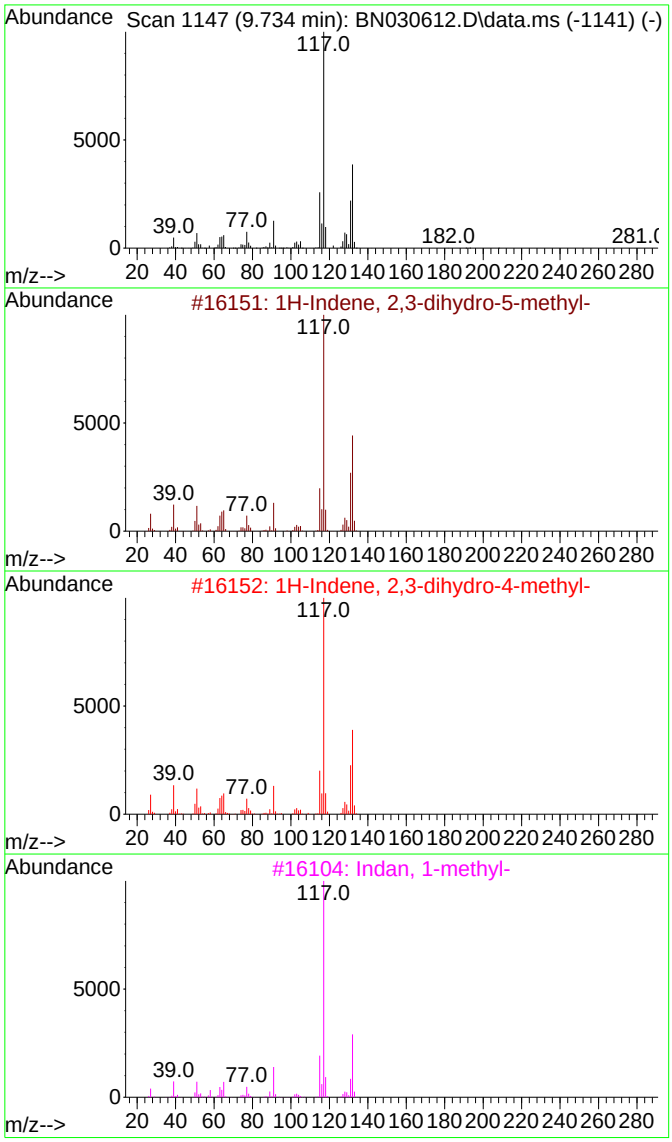
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

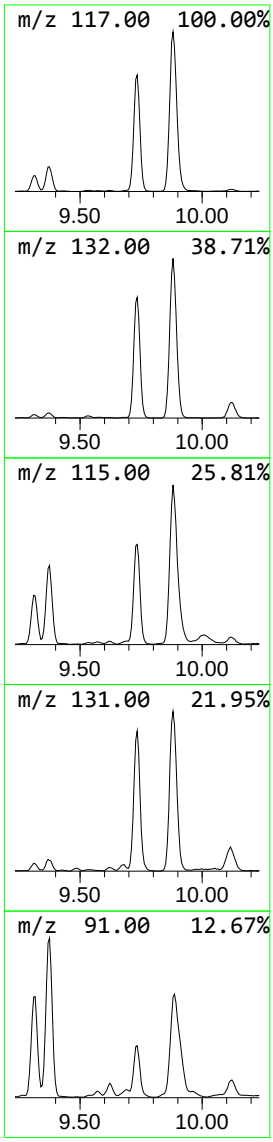
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.734	17.15 ng/ul	2051670	Naphthalene-d8	10.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	86
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	80





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Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

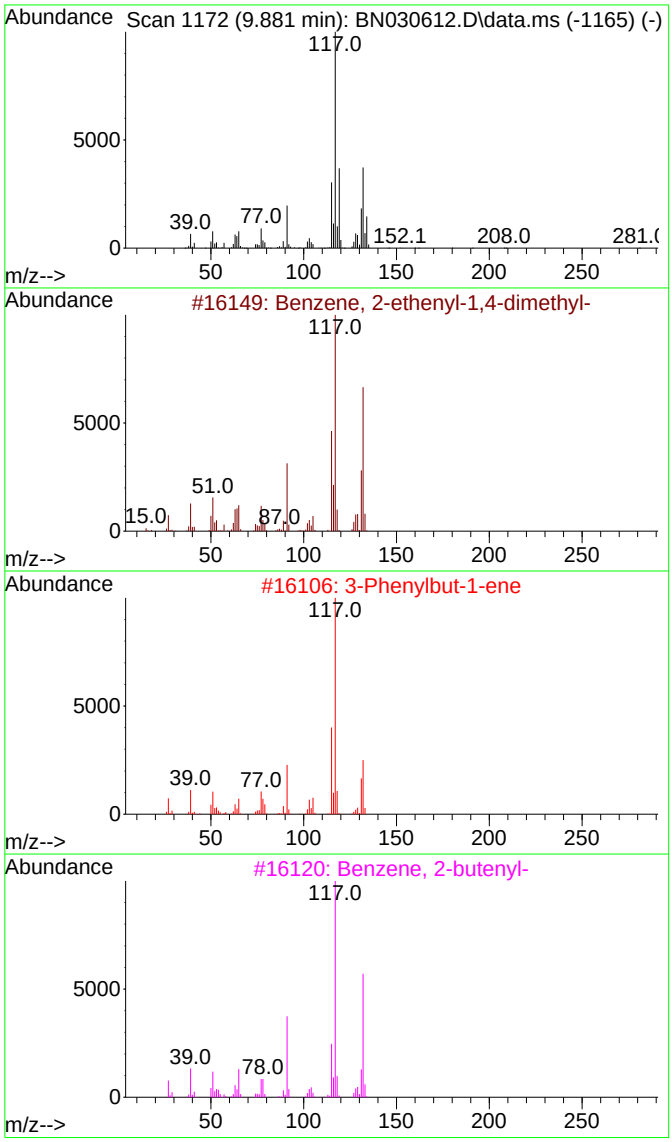
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

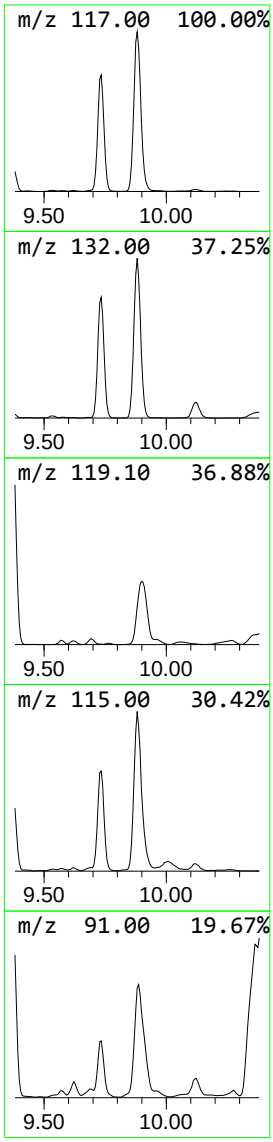
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.881	40.94 ng/ul	4897760	Naphthalene-d8	10.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83





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Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

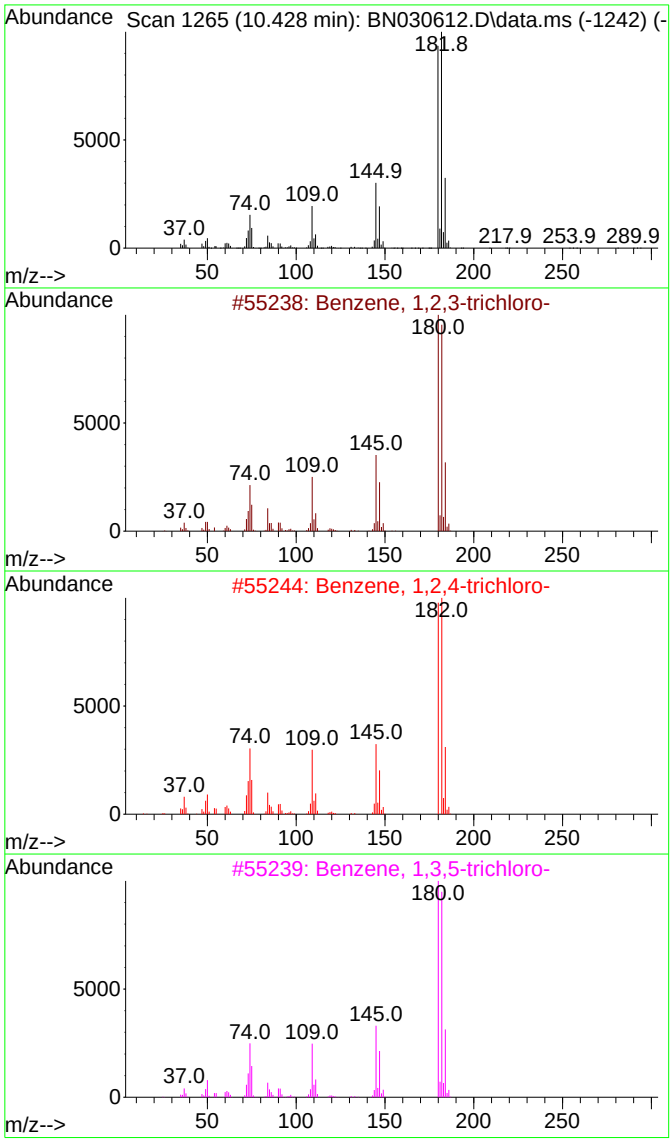
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

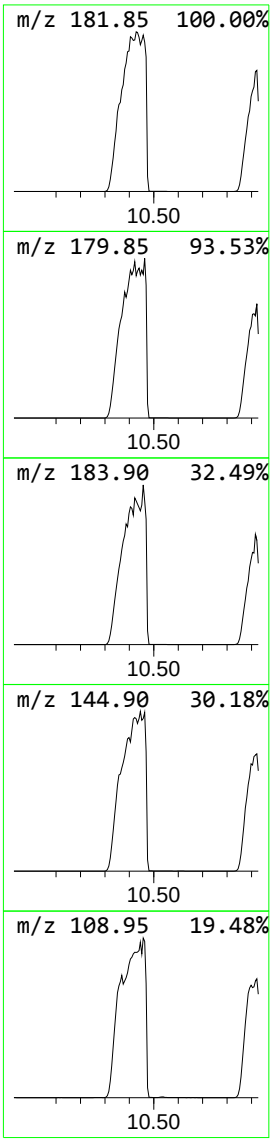
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,3-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	1524.93 ng/ul	182443000	Naphthalene-d8	10.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





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Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PMW-5(20240328)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

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

****

Peak Number 20 Capro lactam Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.422	5.22 ng/ul	624289	Naphthalene-d8	10.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caprolactam	113	C6H11NO	000105-60-2	96
2	Caprolactam	113	C6H11NO	000105-60-2	93
3	Caprolactam	113	C6H11NO	000105-60-2	87
4	Caprolactam	113	C6H11NO	000105-60-2	81
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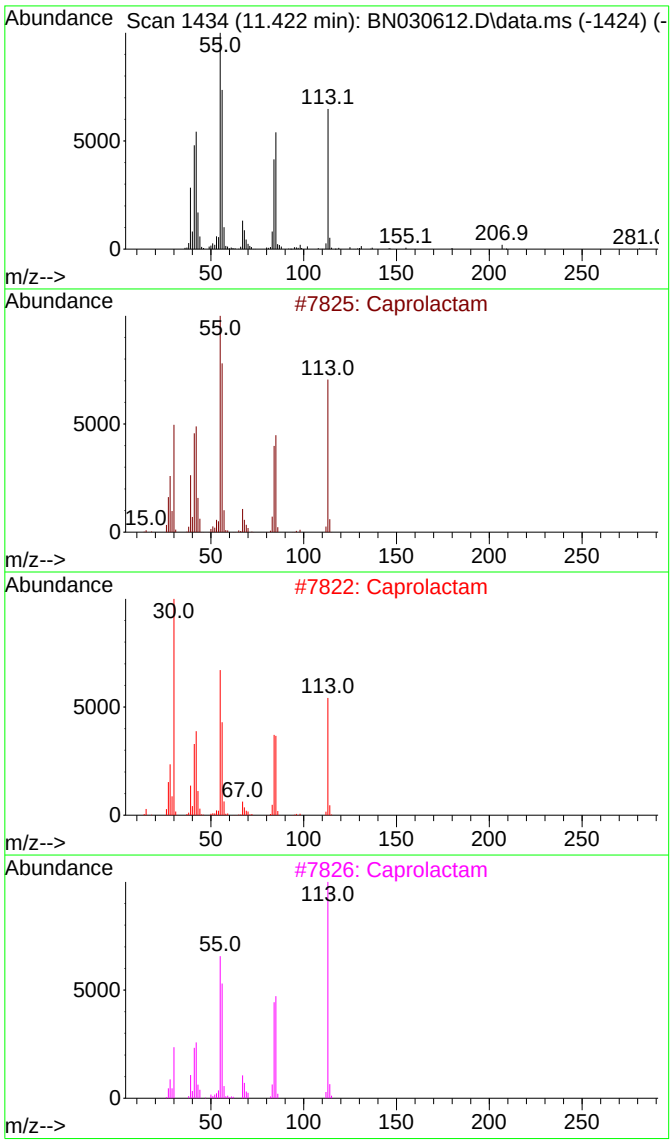

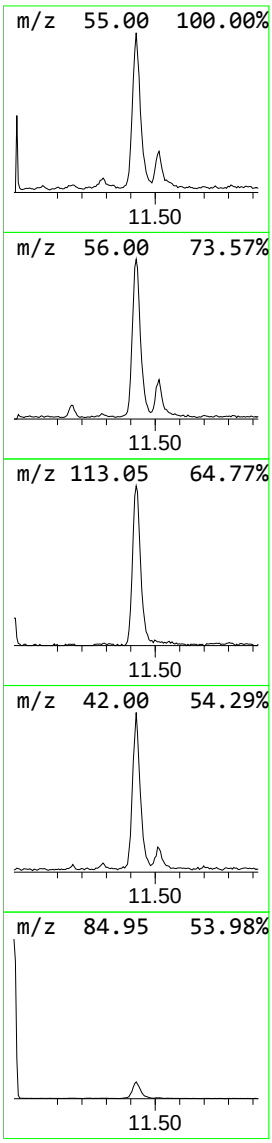

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Acq On : 02 Apr 2024 13:52
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Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PMW-5(20240328)

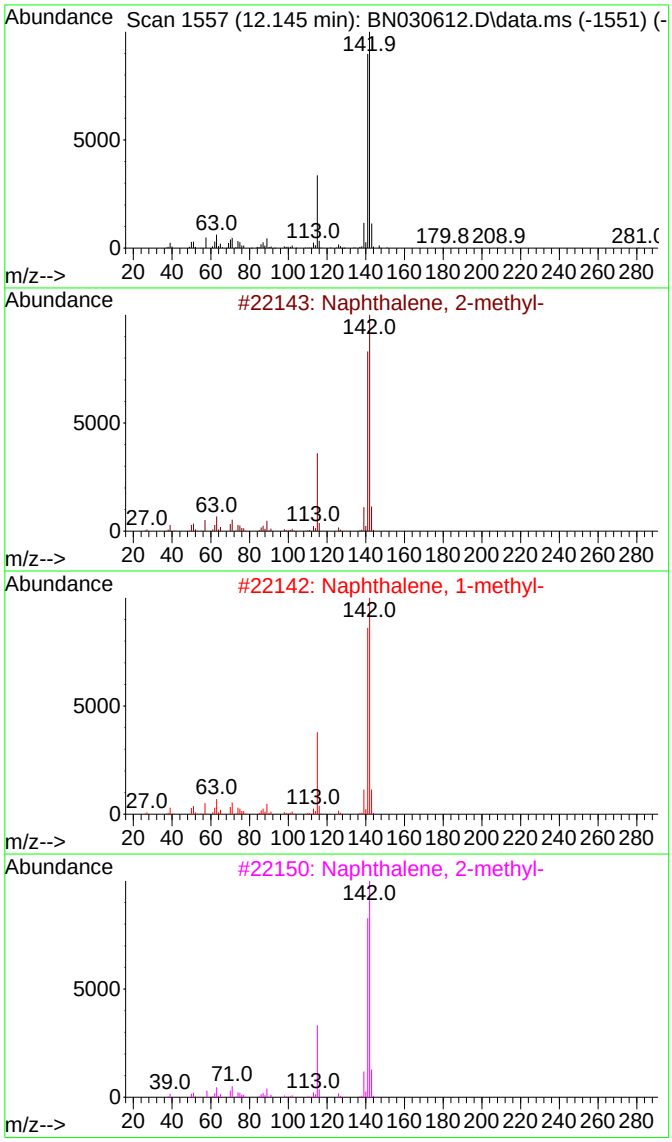
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

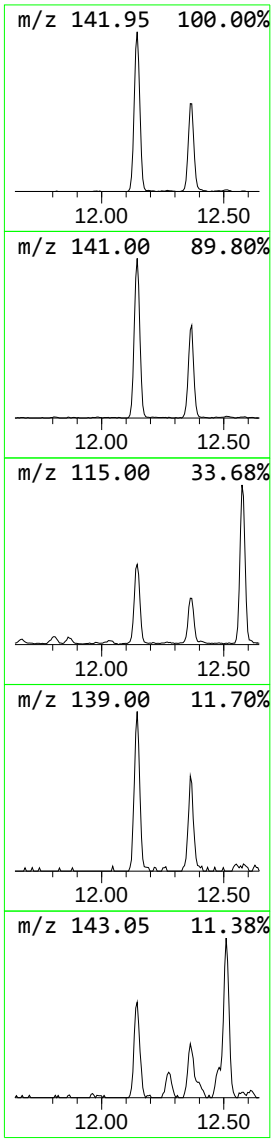
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	2.85 ng/ul	340728	Naphthalene-d8	10.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





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Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

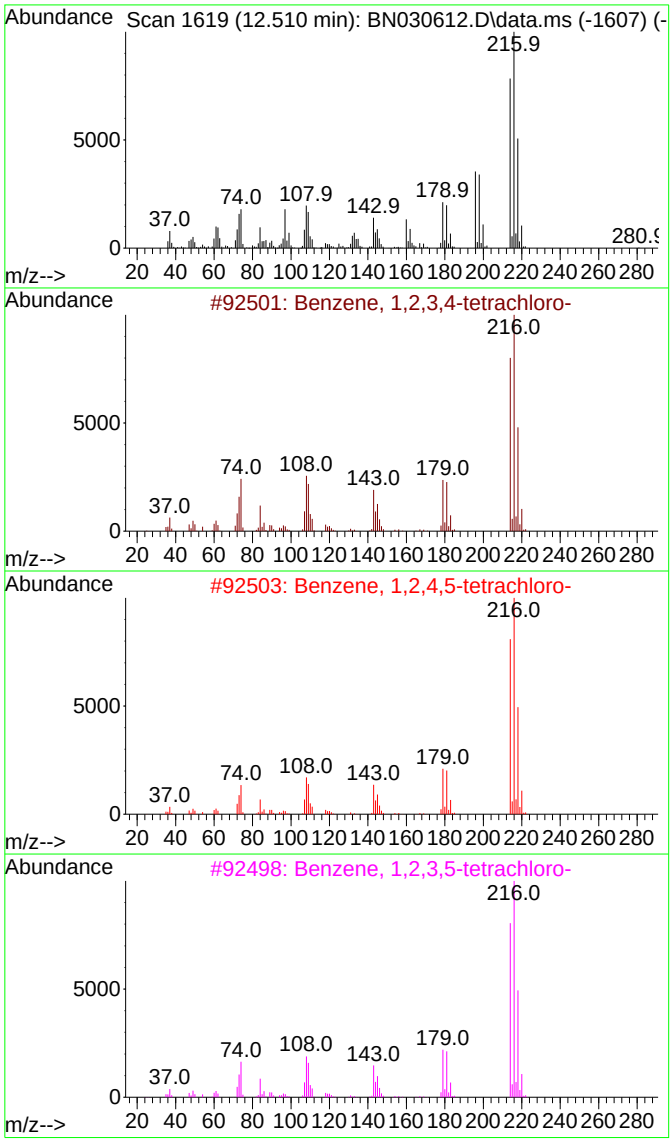
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

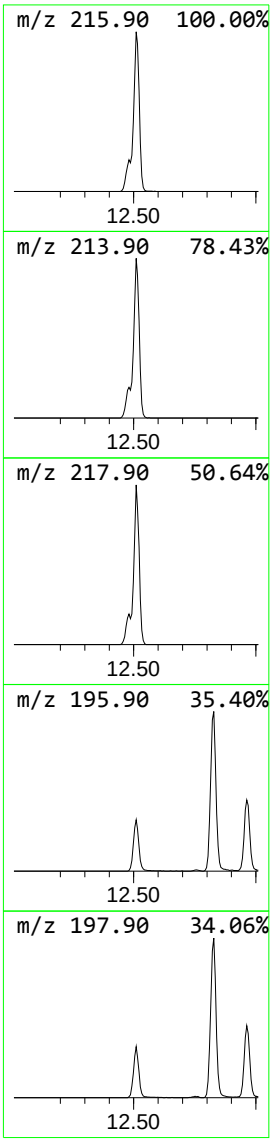
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	7.95 ng/ul	1237650	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
2	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
3	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
4	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
5	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	98





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Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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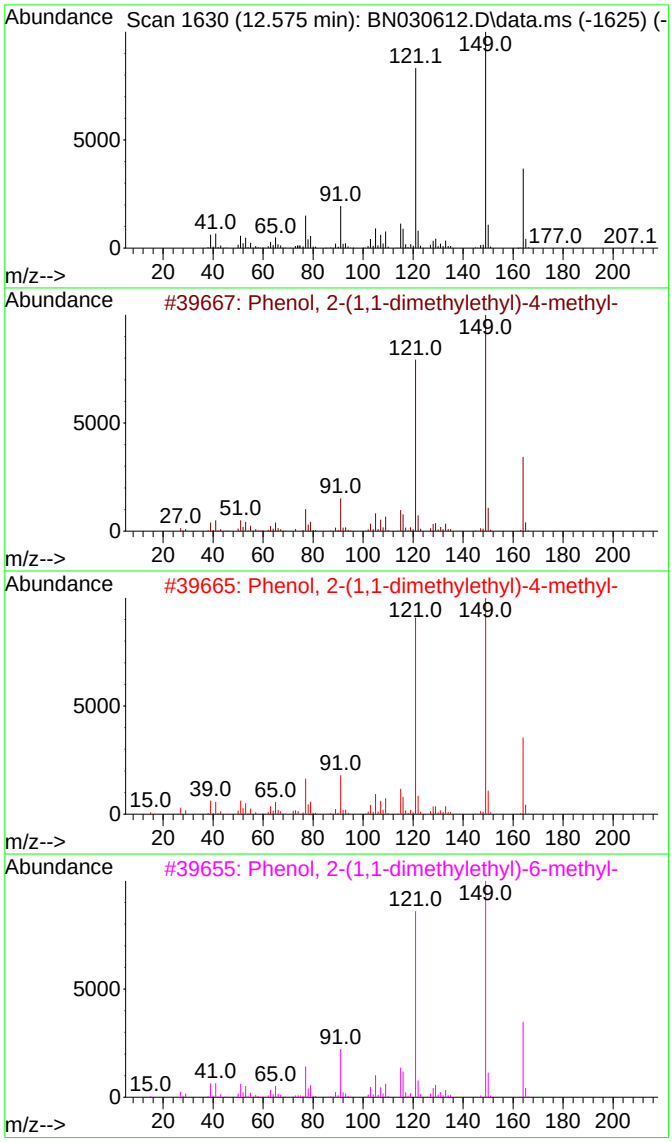
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

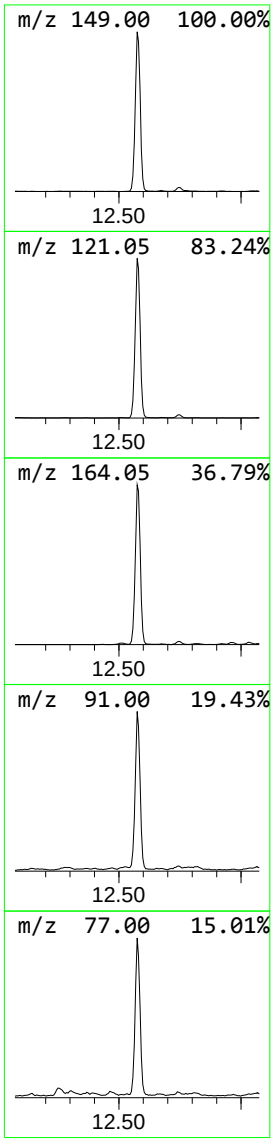
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenol, 2-(1,1-dimethylethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	16.43 ng/ul	2556890	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	97
2	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	97
3	Phenol, 2-(1,1-dimethylethyl)-6-...	164	C11H16O	002219-82-1	96
4	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	94
5	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	93





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Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

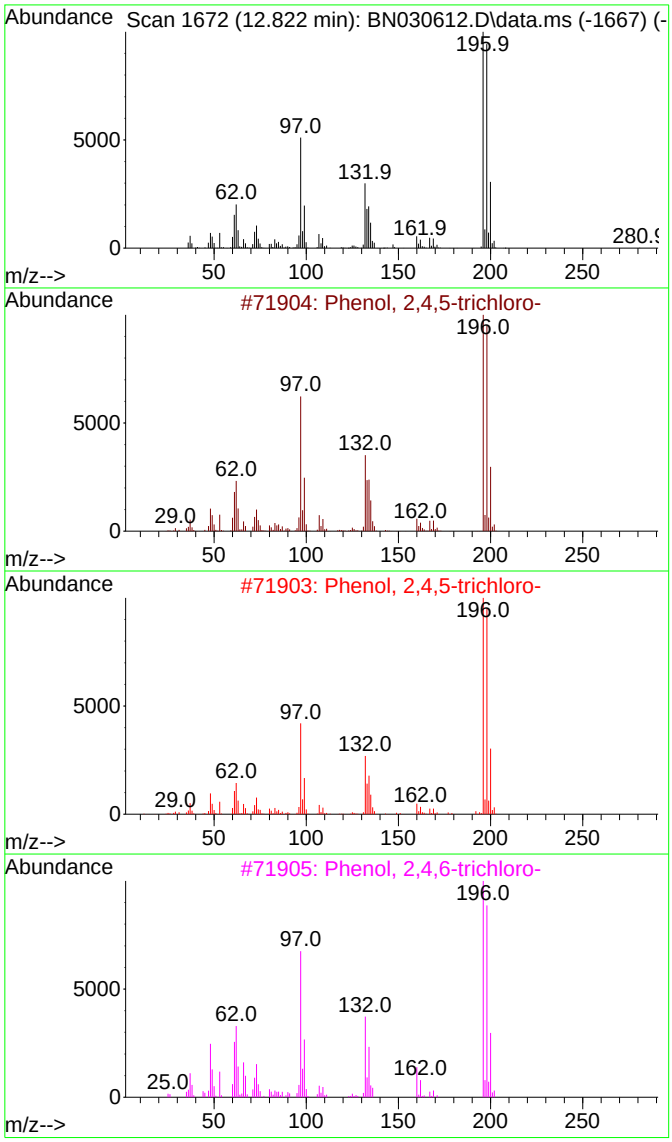
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

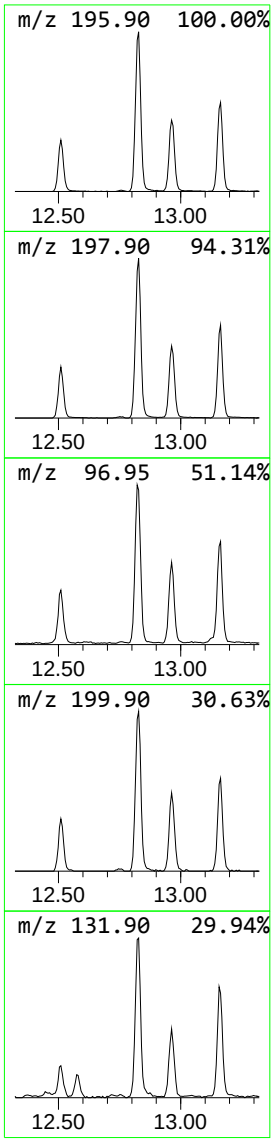
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenol, 2,4,5-trichloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.822	6.34 ng/ul	987148	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	99
2	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	95
3	Phenol, 2,4,6-trichloro-	196	C6H3Cl3O	000088-06-2	94
4	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	93
5	Phenol, 2,3,6-trichloro-	196	C6H3Cl3O	000933-75-5	91





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Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

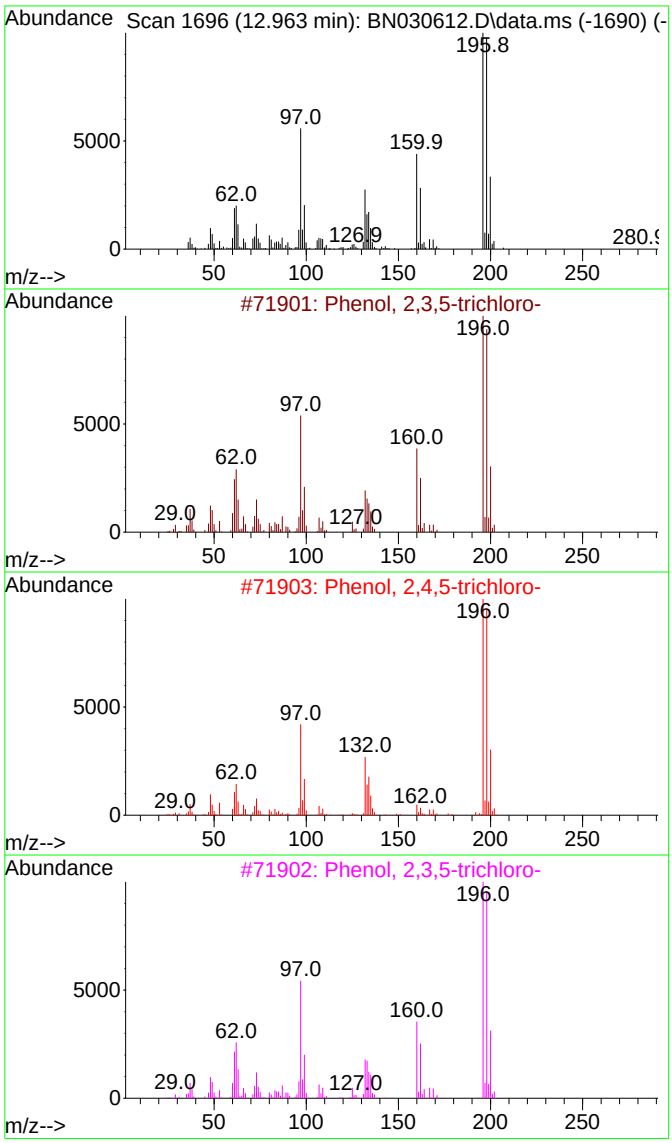
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

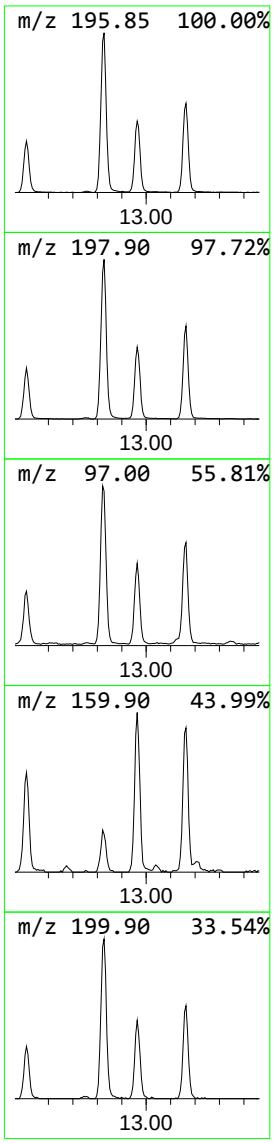
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Phenol, 2,3,5-trichloro- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	3.04 ng/ul	472498	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	99
2	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	99
3	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	99
4	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	99
5	Phenol, 2,3,4-trichloro-	196	C6H3Cl3O	015950-66-0	97





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Sample : P1925-18
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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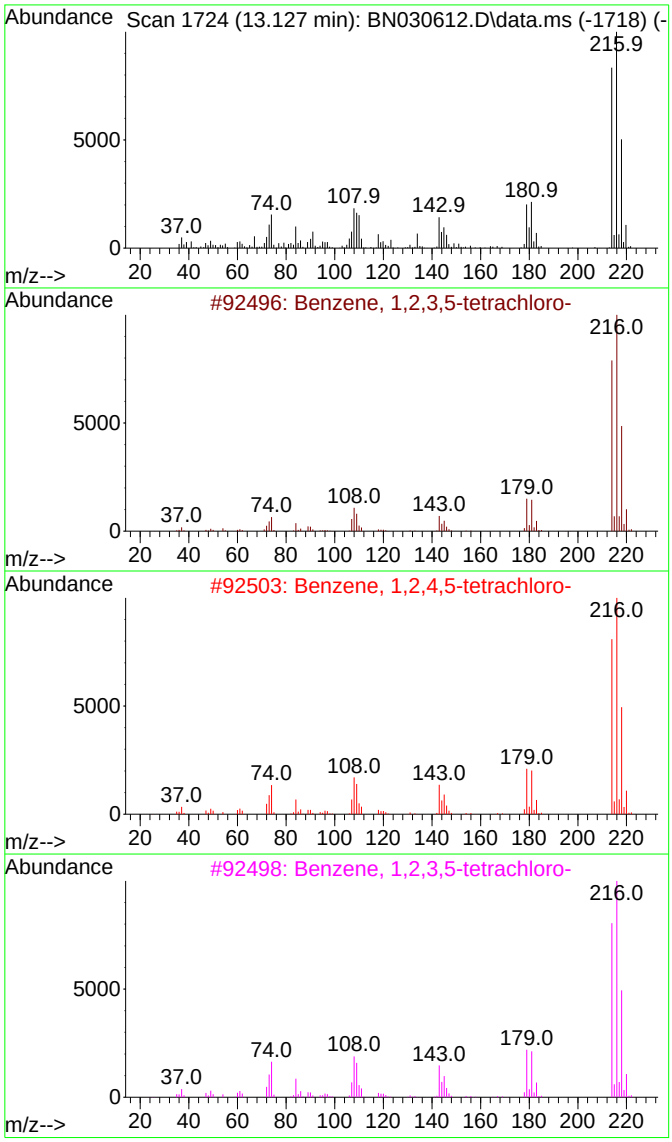
Quant Title : SVOA CALIBRATION

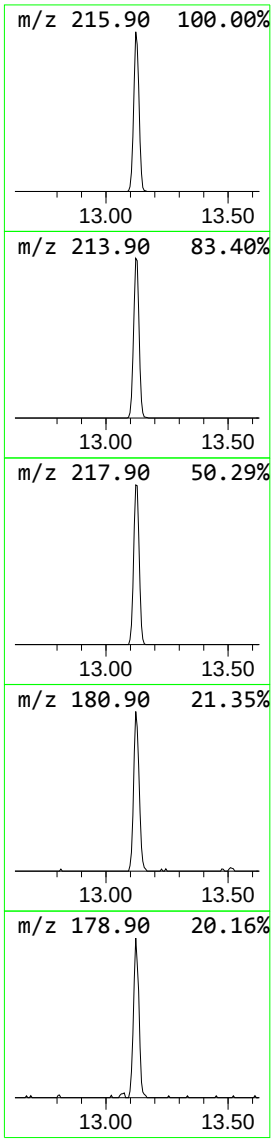
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1,2,3,5-tetrachloro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.128	3.97 ng/ul	618237	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
2	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
3	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
4	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
5	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	98





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Data File : BN030612.D
Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

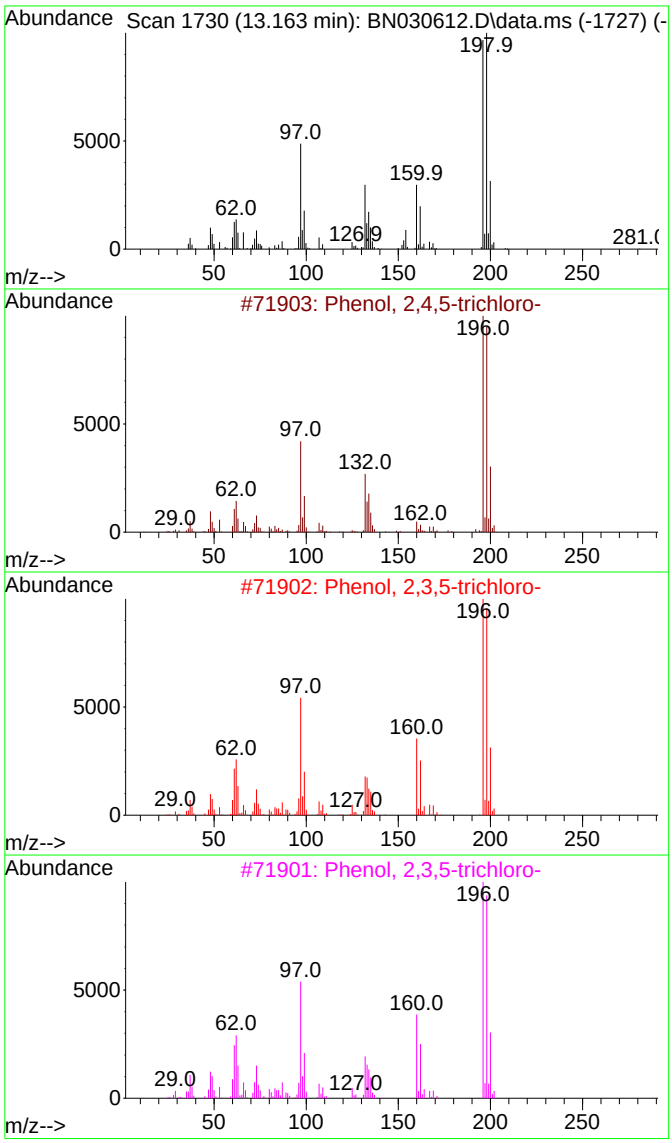
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

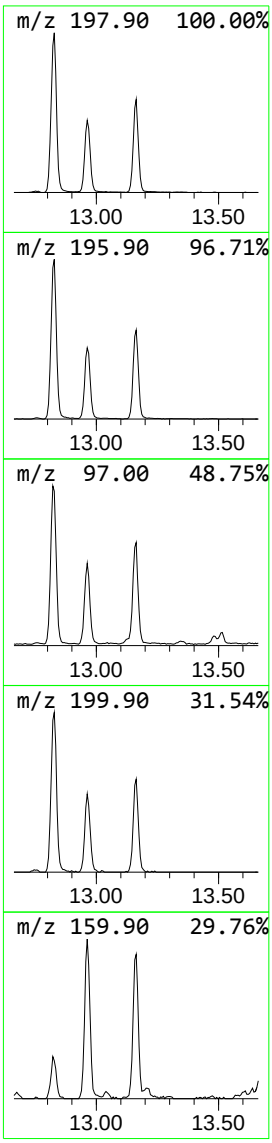
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Phenol, 2,3,6-trichloro- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	3.88 ng/ul	603843	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trichloro-	196	C6H3Cl3O	000095-95-4	99
2	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	98
3	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	98
4	Phenol, 2,3,6-trichloro-	196	C6H3Cl3O	000933-75-5	98
5	Phenol, 2,3,6-trichloro-	196	C6H3Cl3O	000933-75-5	98





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Data File : BN030612.D
Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

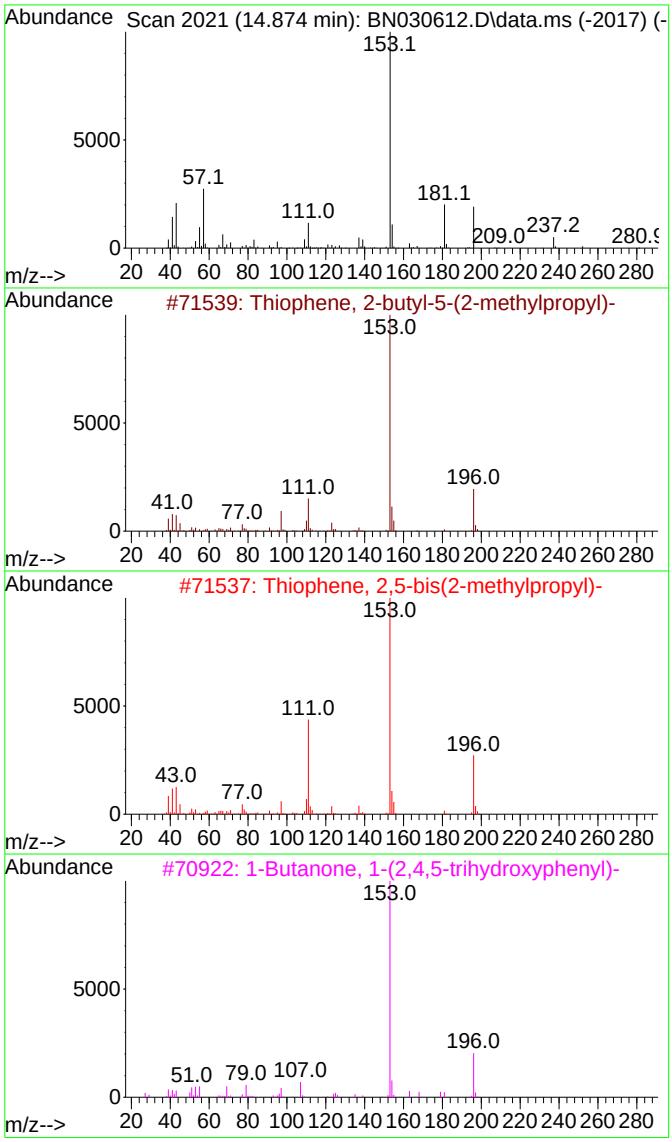
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

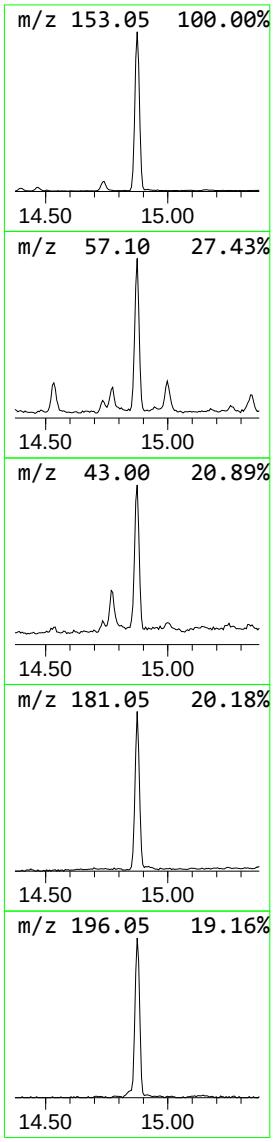
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Thiophene, 2-butyl-5-(2-met... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.874	3.98 ng/ul	618759	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-butyl-5-(2-methylpr...	196	C12H20S	054845-35-1	59
2	Thiophene, 2,5-bis(2-methylpropyl)-	196	C12H20S	054845-33-9	36
3	1-Butanone, 1-(2,4,5-trihydroxyp...	196	C10H12O4	001421-63-2	36
4	1-Butanone, 1-(2,4,5-trihydroxyp...	196	C10H12O4	001421-63-2	36
5	4-Methyl-1-(2-thienyl)-1,3-penta...	196	C10H12O2S	030984-27-1	34





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Data File : BN030612.D
Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

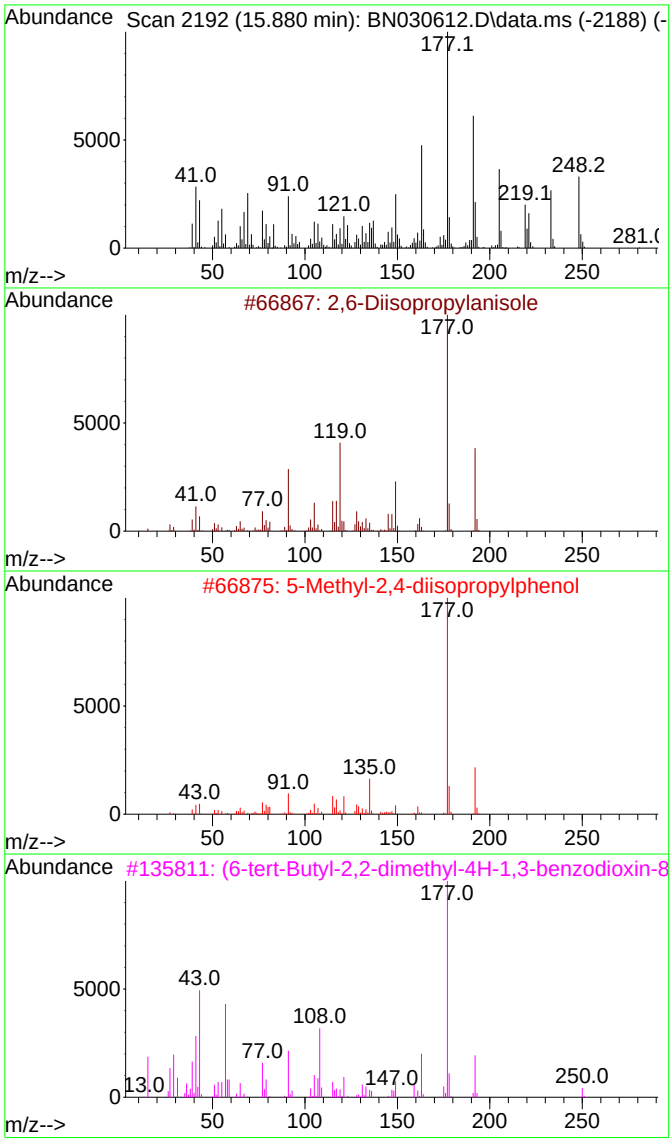
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

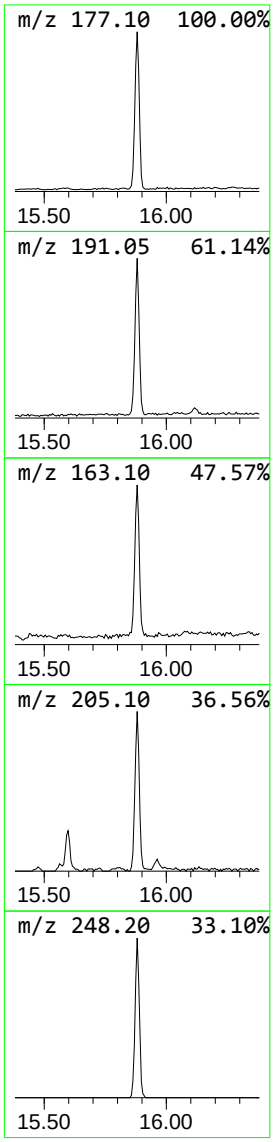
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.880	3.43 ng/ul	605595	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Diisopropylanisole	192	C13H20O	002944-52-7	42
2	5-Methyl-2,4-diisopropylphenol	192	C13H20O	040625-96-5	38
3	(6-tert-Butyl-2,2-dimethyl-4H-1,...	250	C15H22O3	206879-68-7	38
4	Octamethyl-1,3-cyclohexadiene	192	C14H24	1000110-41-8	38
5	(3R,4R)-3-Hydroxy-7,8-dimethyl-4...	248	C14H20N2O2	213343-29-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
Data File : BN030612.D
Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

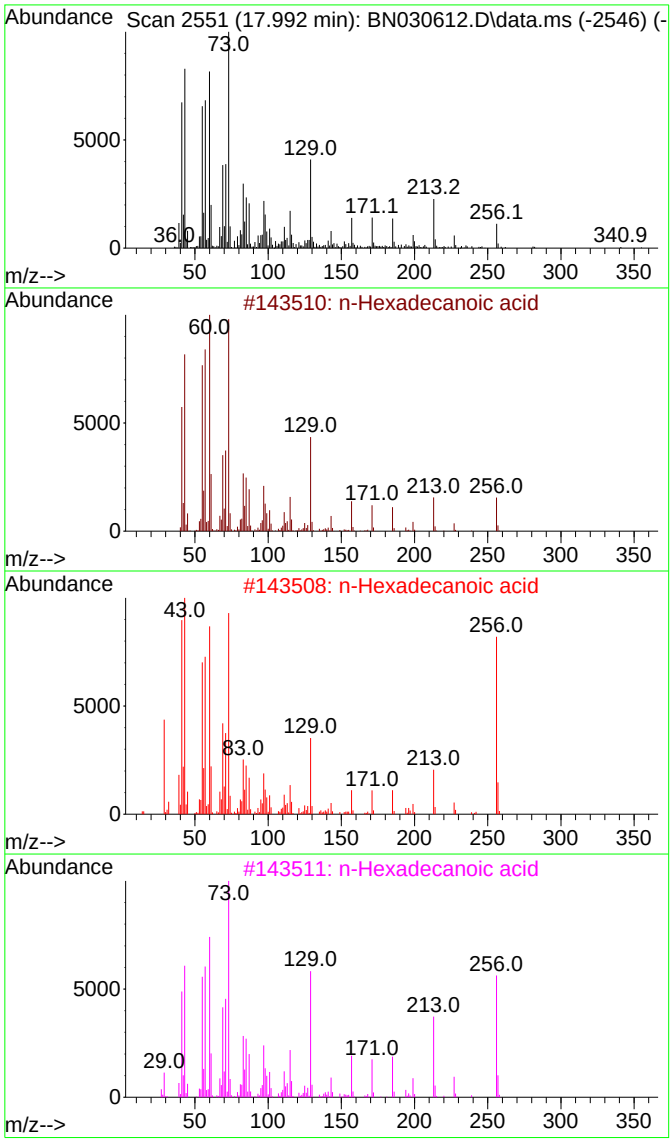
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

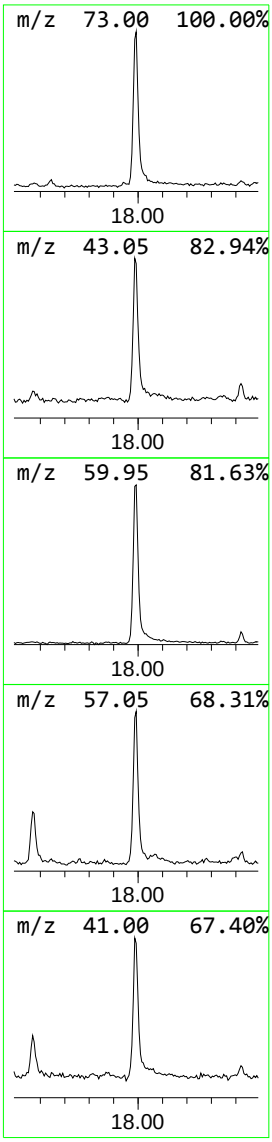
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 n-Hexadecanoic acid Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	3.29 ng/ul	580914	Phenanthrene-d10	17.086

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
Data File : BN030612.D
Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

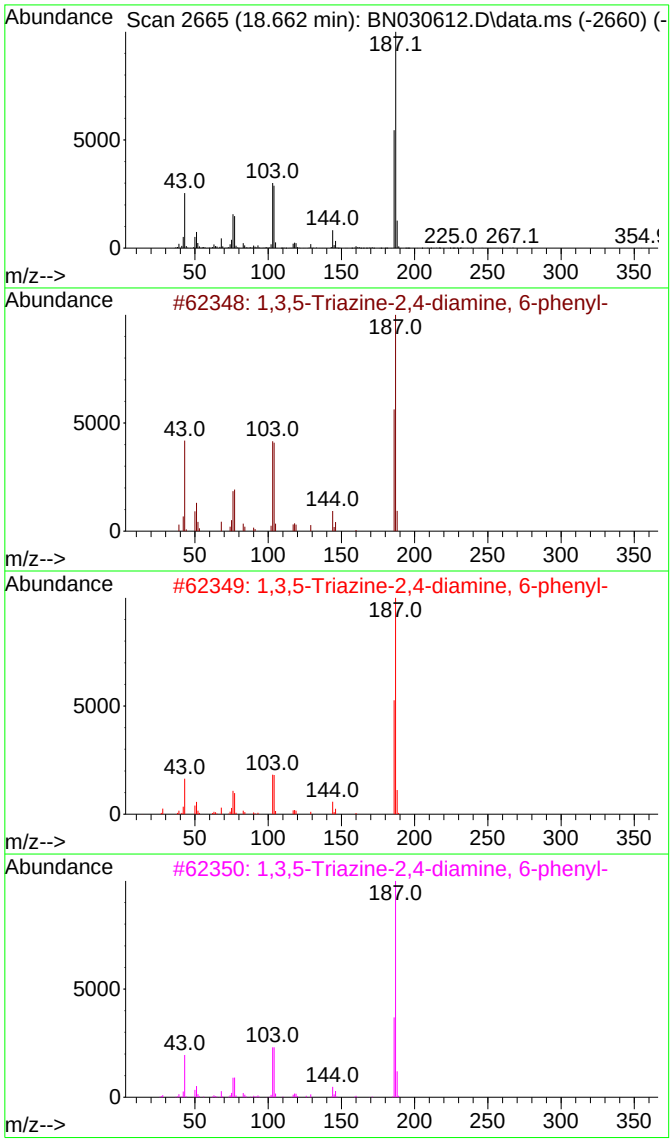
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

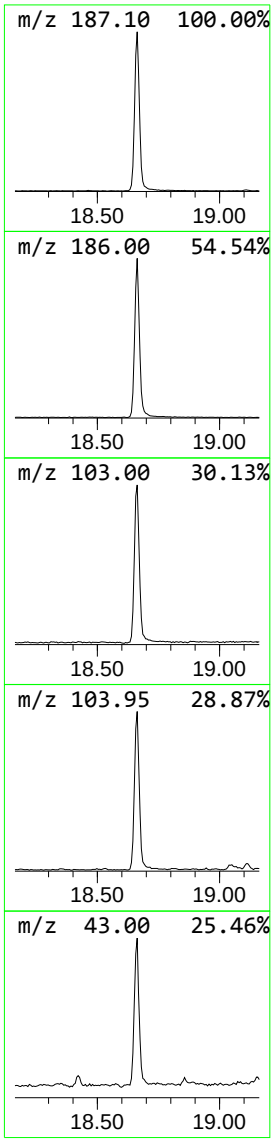
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 1,3,5-Triazine-2,4-diamine,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.663	4.88 ng/ul	862742	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4-diamine, 6-ph...	187	C9H9N5	000091-76-9	97
2	1,3,5-Triazine-2,4-diamine, 6-ph...	187	C9H9N5	000091-76-9	97
3	1,3,5-Triazine-2,4-diamine, 6-ph...	187	C9H9N5	000091-76-9	96
4	Imidazo[2,1-b]quinazolin-5-1H-on...	187	C10H9N3O	032725-30-7	59
5	4-Quinolinol, 8-ethyl-2-methyl-	187	C12H13NO	1010351-72-3	53





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Data File : BN030612.D
Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

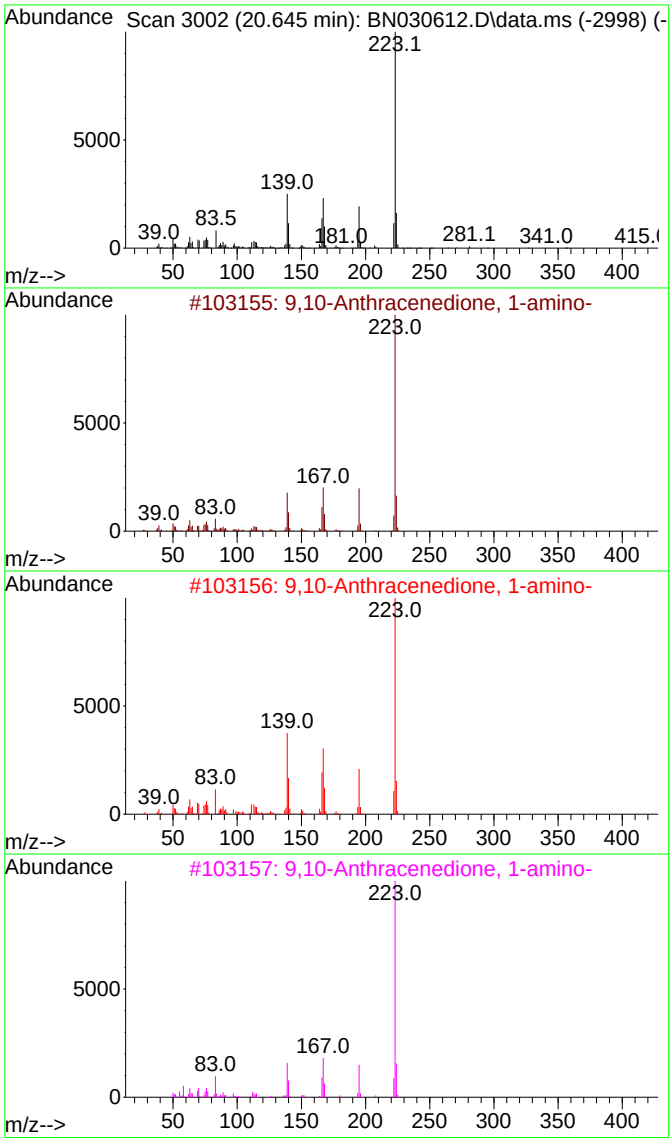
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

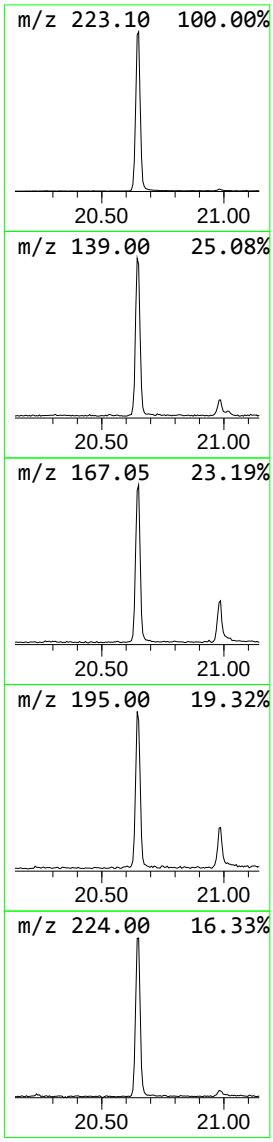
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 9,10-Anthracenedione, 1-amino- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.645	4.51 ng/ul	871819	Chrysene-d12	21.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	98
2	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	98
3	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	95
4	Anthraquinone, 2-amino-	223	C14H9NO2	000117-79-3	94
5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
Data File : BN030612.D
Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

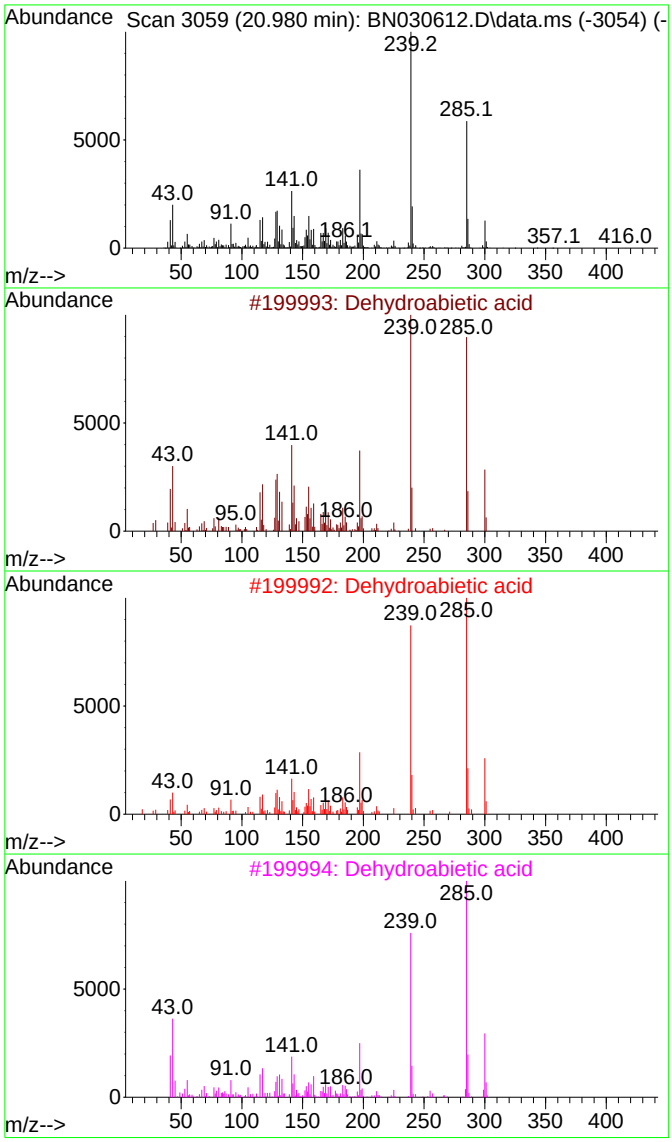
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

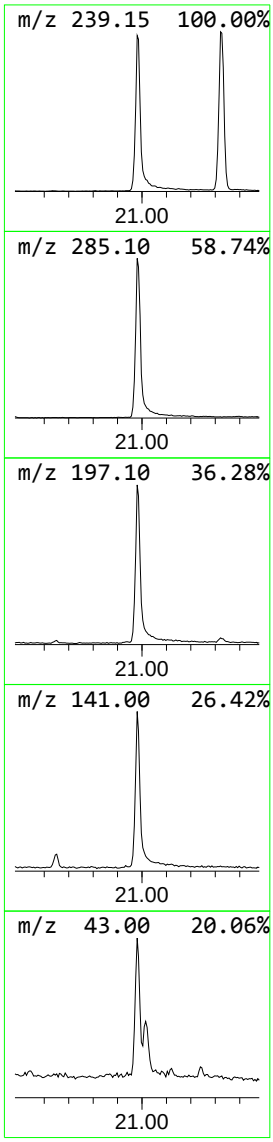
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Dehydroabietic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	8.45 ng/ul	1633400	Chrysene-d12	21.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	93
5	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
Data File : BN030612.D
Acq On : 02 Apr 2024 13:52
Operator : MA/JU
Sample : P1925-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-5(20240328)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.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
Benzene, 1-ethy...	6.787	3.0	ng/ul	9555990	1	7.698	63672200	20.0
Mesitylene	7.345	4.3	ng/ul	13801200	1	7.698	63672200	20.0
Benzene, 1,3-di...	7.587	6.3	ng/ul	20029500	1	7.698	63672200	20.0
Benzene, 2-ethy...	9.122	12.7	ng/ul	1514720	2	10.534	2392800	20.0
Benzene, 1,2,3,...	9.310	22.6	ng/ul	2703790	2	10.534	2392800	20.0
Benzene, 1,2,4,...	9.375	36.1	ng/ul	4318120	2	10.534	2392800	20.0
Benzene, 1,3,5-...	9.622	16.1	ng/ul	1927920	2	10.534	2392800	20.0
1H-Indene, 2,3-...	9.734	17.1	ng/ul	2051670	2	10.534	2392800	20.0
Benzene, 2-ethe...	9.881	40.9	ng/ul	4897760	2	10.534	2392800	20.0
Benzene, 1,2,3-...	10.428	1524.9	ng/ul	182443000	2	10.534	2392800	20.0
Capro lactam	11.422	5.2	ng/ul	624289	2	10.534	2392800	20.0
Naphthalene, 2-...	12.145	2.9	ng/ul	340728	2	10.534	2392800	20.0
Benzene, 1,2,3,...	12.510	8.0	ng/ul	1237650	3	14.333	3112290	20.0
Phenol, 2-(1,1-...	12.575	16.4	ng/ul	2556890	3	14.333	3112290	20.0
Phenol, 2,4,5-t...	12.822	6.3	ng/ul	987148	3	14.333	3112290	20.0
Phenol, 2,3,5-t...	12.963	3.0	ng/ul	472498	3	14.333	3112290	20.0
Benzene, 1,2,3,...	13.128	4.0	ng/ul	618237	3	14.333	3112290	20.0
Phenol, 2,3,6-t...	13.163	3.9	ng/ul	603843	3	14.333	3112290	20.0
Thiophene, 2-bu...	14.874	4.0	ng/ul	618759	3	14.333	3112290	20.0
unknown-01	15.880	3.4	ng/ul	605595	4	17.086	3532360	20.0
n-Hexadecanoic ...	17.992	3.3	ng/ul	580914	4	17.086	3532360	20.0
1,3,5-Triazine-...	18.663	4.9	ng/ul	862742	4	17.086	3532360	20.0
9,10-Anthracene...	20.645	4.5	ng/ul	871819	5	21.321	3868130	20.0
Dehydroabietic ...	20.980	8.4	ng/ul	1633400	5	21.321	3868130	20.0