LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

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-BN042924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031330.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.552	94	96	112	rBV	99557	200984	0.12%	0.025%
2	5.052	328	351	355	rBV3	28329011	172541429	100.00%	21.673%
3	6.310	557	565	575	rBV	352620	588672	0.34%	0.074%
4	6.599	611	614	621	rVB	111652	190723	0.11%	0.024%
5	6.799	642	648	666	rVB	264911	513407	0.30%	0.064%
6	6.981	670	679	690	rBV	630479	1569305	0.91%	0.197%
7	7.157	701	709	725	rBV	770111	1777699	1.03%	0.223%
8	7.357	733	743	756	rVB2	64689	196380	0.11%	0.025%
9	7.528	760	772	785	rBV2	16352988	64804780	37.56%	8.140%
10	7.752	785	810	815	rVV	28502980	169510416	98.24%	21.293%
11	8.081	841	866	867	rBV	28449534	158506804	91.87%	19.911%
12	8.334	902	909	922	rVB	760696	1245901	0.72%	0.157%
13	8.781	977	985	988	rBV	1126404	1860240	1.08%	0.234%
14	8.828	988	993	1006	rVB	3006730	4858806	2.82%	0.610%
15	9.104	1034	1040	1047	rBV	956693	1564256	0.91%	0.196%
16	9.328	1072	1078	1082	rBV	207489	338140	0.20%	0.042%
17	9.375	1082	1086	1088	rBV	146515	217794	0.13%	0.027%
18	9.416	1088	1093	1099	rVB	496234	878135	0.51%	0.110%
19	9.493	1099	1106	1112	rBV	976946	1689700	0.98%	0.212%
20	10.028	1183	1197	1205	rBV	1240111	2351808	1.36%	0.295%
21	10.322	1229	1247	1251	rBV2	25261082	97885493	56.73%	12.296%
22	10.422	1258	1264	1269	rBV	1174076	1752499	1.02%	0.220%
23	10.551	1278	1286	1295	rBV	782645	1352332	0.78%	0.170%
24	10.798	1315	1328	1334	rBV	16162967	35633361	20.65%	4.476%
25	11.004	1356	1363	1371	rBV	2213941	3509533	2.03%	0.441%
26	11.216	1392	1399	1409	rVB	495963	880805	0.51%	0.111%
27	11.693	1467	1480	1494	rBV2	189476	429405	0.25%	0.054%
28	12.398	1593	1600	1602	rBV2	496772	893728	0.52%	0.112%
29	12.434	1602	1606	1615	rVV	3396672	5337298	3.09%	0.670%
30	13.051	1700	1711	1723	rBV	7131919	11756801	6.81%	1.477%
31	13.281	1745	1750	1757	rVV2	155118	231731	0.13%	0.029%
32	13.681	1807	1818	1823	rBV	2855253	4172226	2.42%	0.524%
33	13.951	1858	1864	1873	rVB	3021105	4594928	2.66%	0.577%
34	14.263	1907	1917	1931	rBV	1683304	2551952	1.48%	0.321%
35	14.481	1948	1954	1965	rBV	286551	490961	0.28%	0.062%
36	14.575	1965	1970	1976	rVB	316965	446679	0.26%	0.056%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

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-BN042924.MA.M
Title : SVOA CALIBRATION

37	15.257	2076	2086	2092	rBV	3787742	5692059	3.30%	0.715%
38	15.310	2092	2095	2101	rVV	166207	246370	0.14%	0.031%
39	15.386	2102	2108	2123	rVV	1380446	1919615	1.11%	0.241%
40	17.010	2378	2384	2391	rBV	2118510	3036260	1.76%	0.381%
41	17.110	2395	2401	2413	rBV2	4410281	6342889	3.68%	0.797%
42	18.392	2607	2619	2628	rBV	1106855	1563136	0.91%	0.196%
43	18.886	2695	2703	2709	rBV	145367	208895	0.12%	0.026%
44	19.416	2787	2793	2802	rBV	5255154	7247302	4.20%	0.910%
45	21.251	3099	3105	3112	rBV	2083106	2977676	1.73%	0.374%
46	21.363	3120	3124	3131	rVB	383668	514384	0.30%	0.065%
47	23.945	3554	3563	3574	rVB2	2400791	5791200	3.36%	0.727%
48	24.139	3588	3596	3609	rVB	1116386	2672515	1.55%	0.336%
49	24.568	3663	3669	3679	rVB	239558	557704	0.32%	0.070%

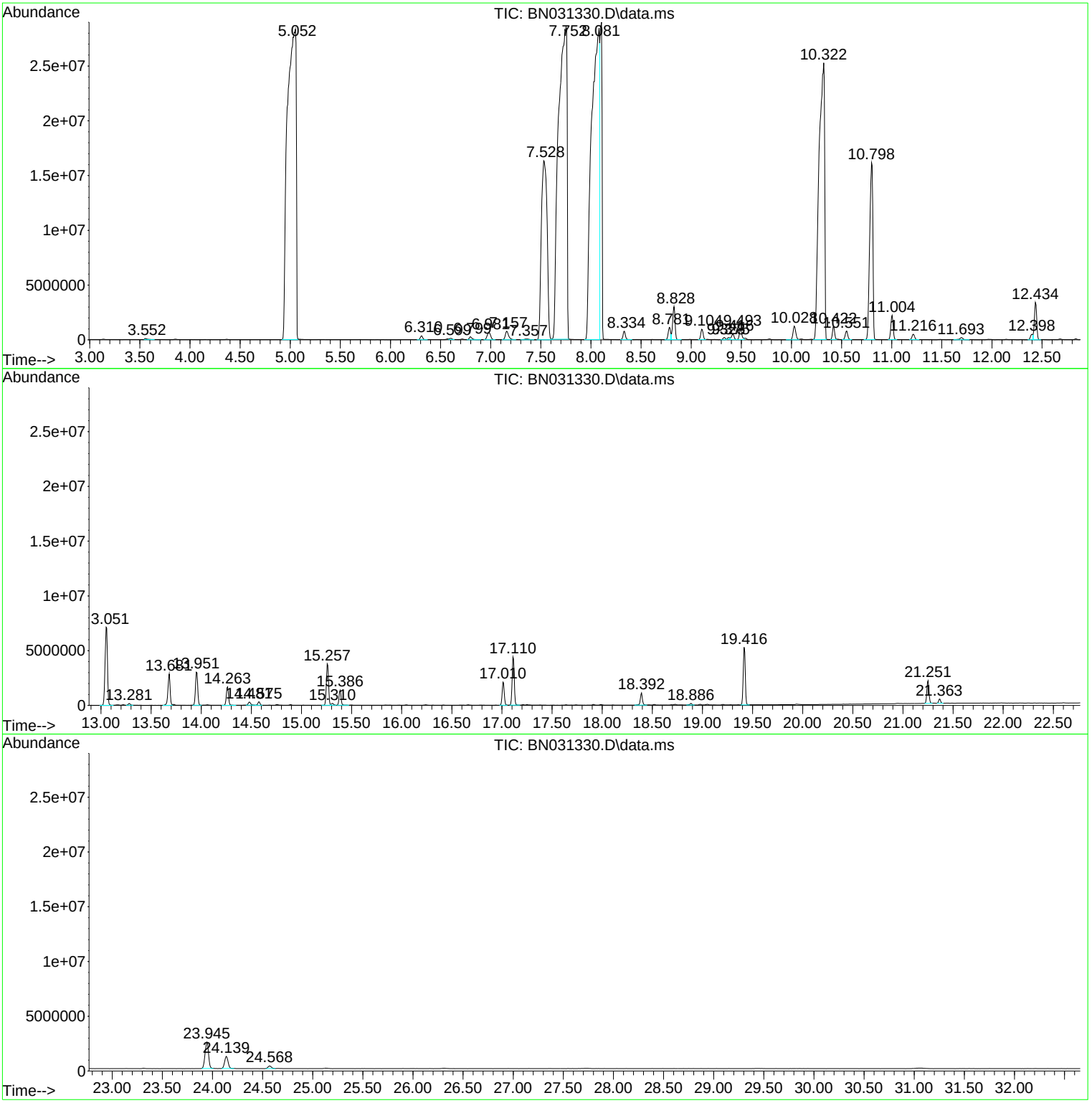
Sum of corrected areas: 796095116

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.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\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

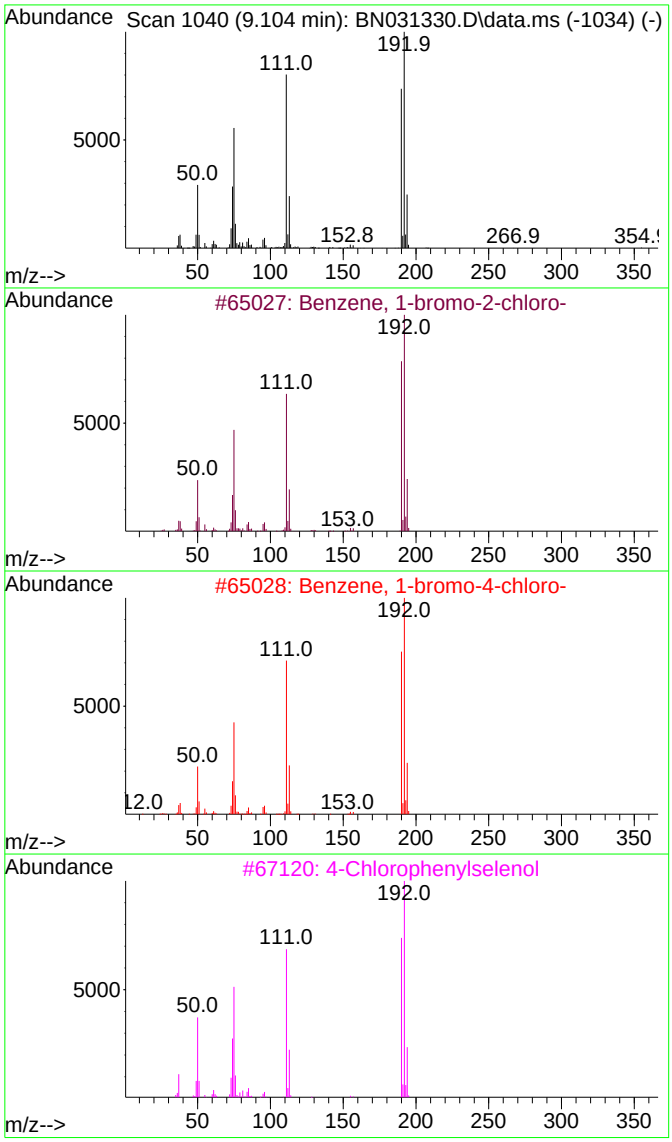
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

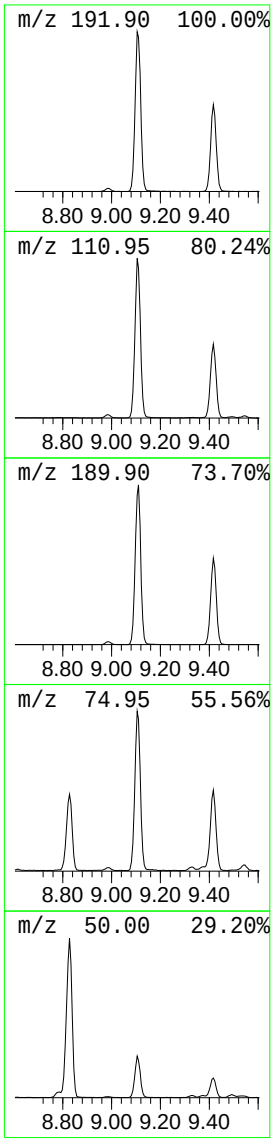
****

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	17.85 ng/ul	1564260	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

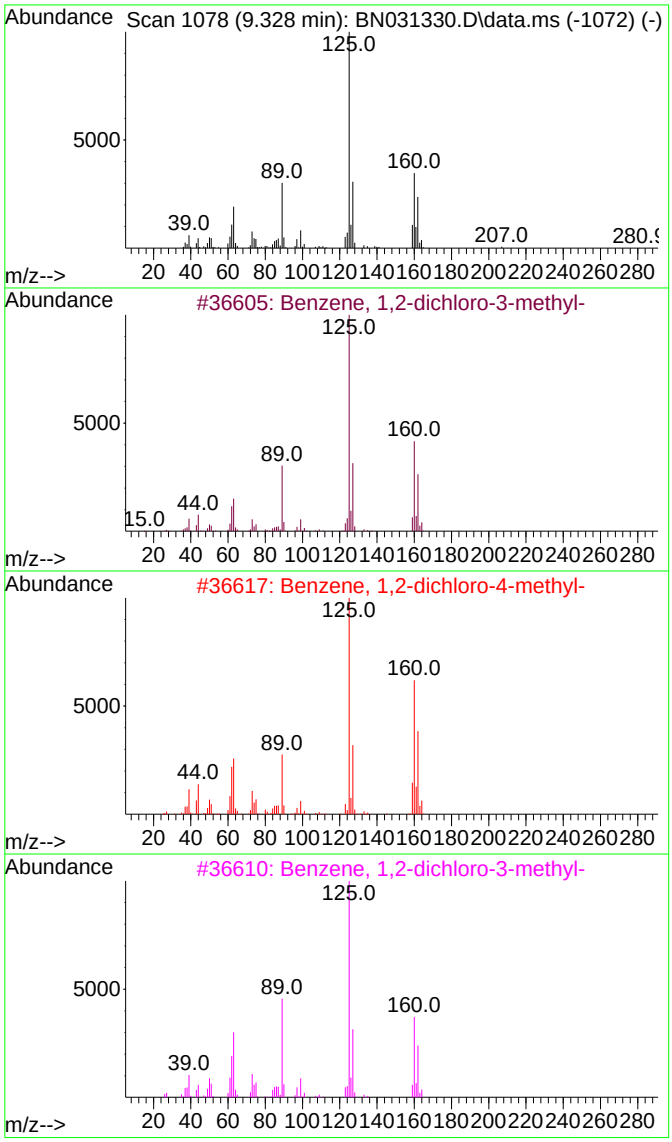
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

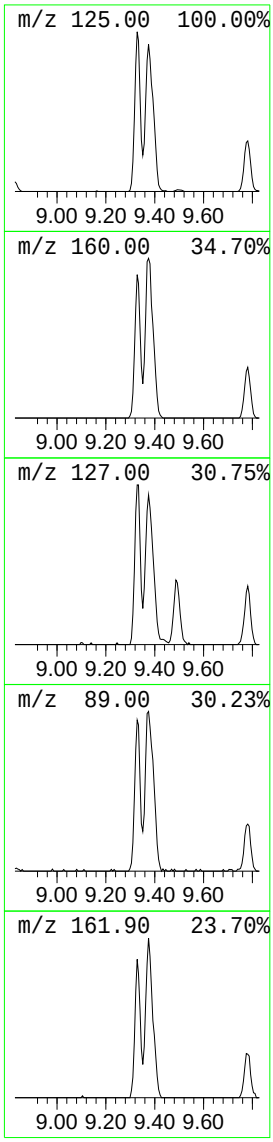
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2-dichloro-3-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	3.86 ng/ul	338140	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	97
3	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
4	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	96
5	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

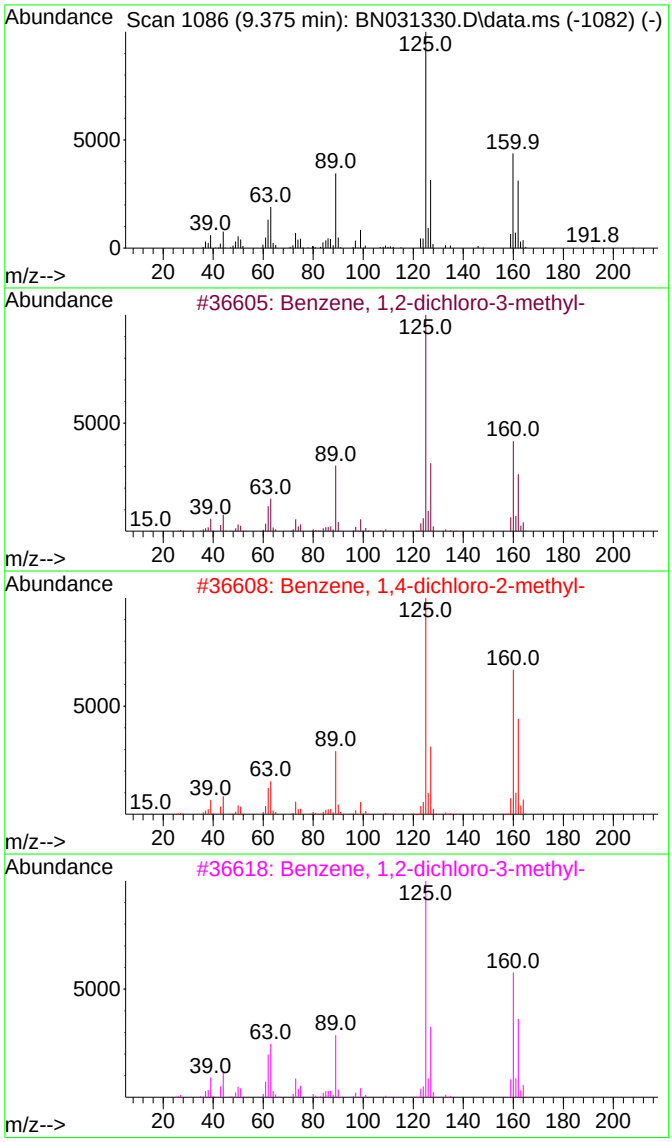
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

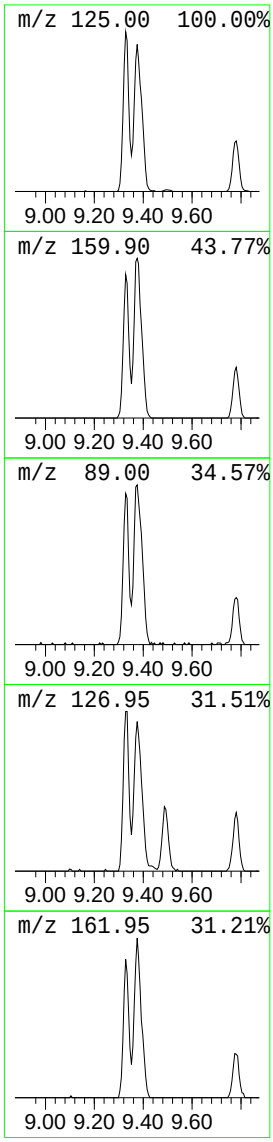
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,4-dichloro-2-met... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.375	2.49 ng/ul	217794	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
2	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
3	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96
4	Benzene, 1-chloro-2-(chloromethyl)-	160	C7H6Cl2	000611-19-8	96
5	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

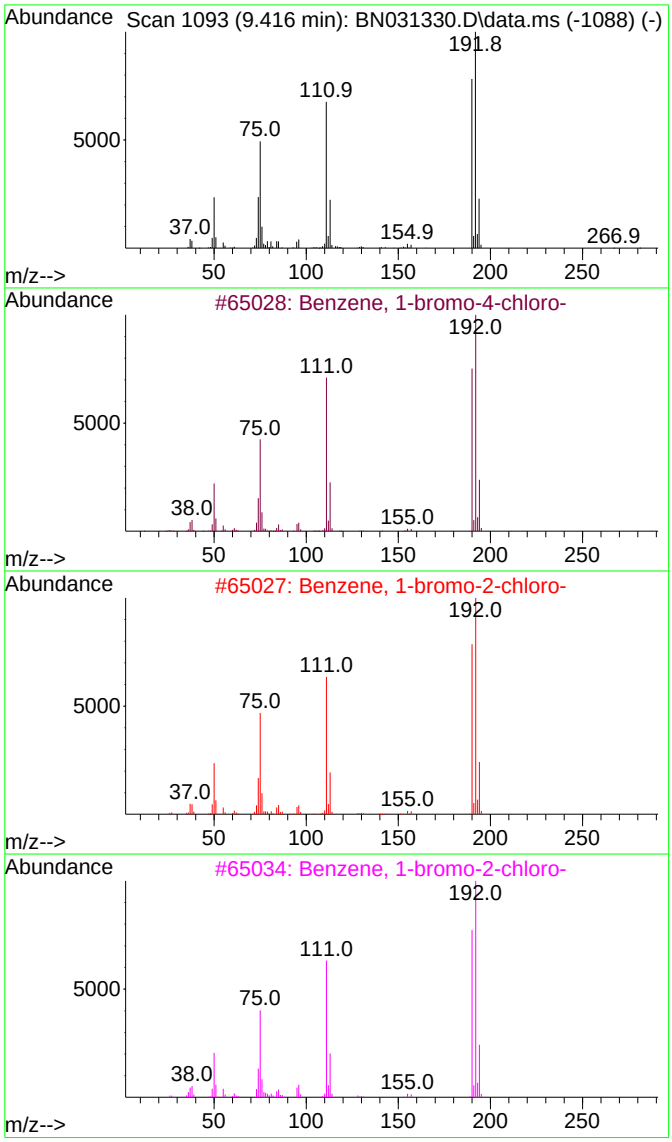
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

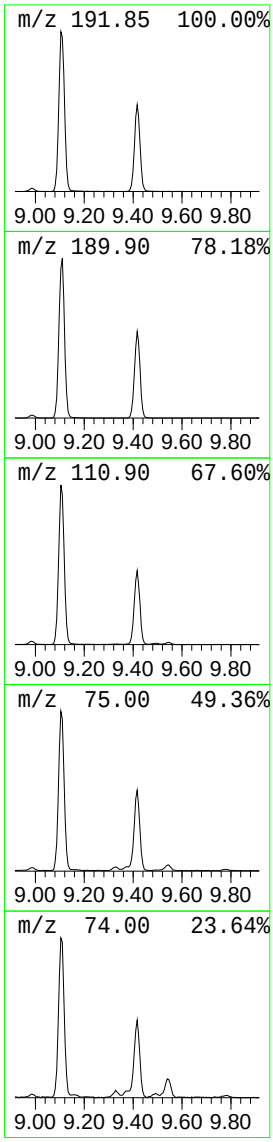
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-bromo-4-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	10.02 ng/ul	878135	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

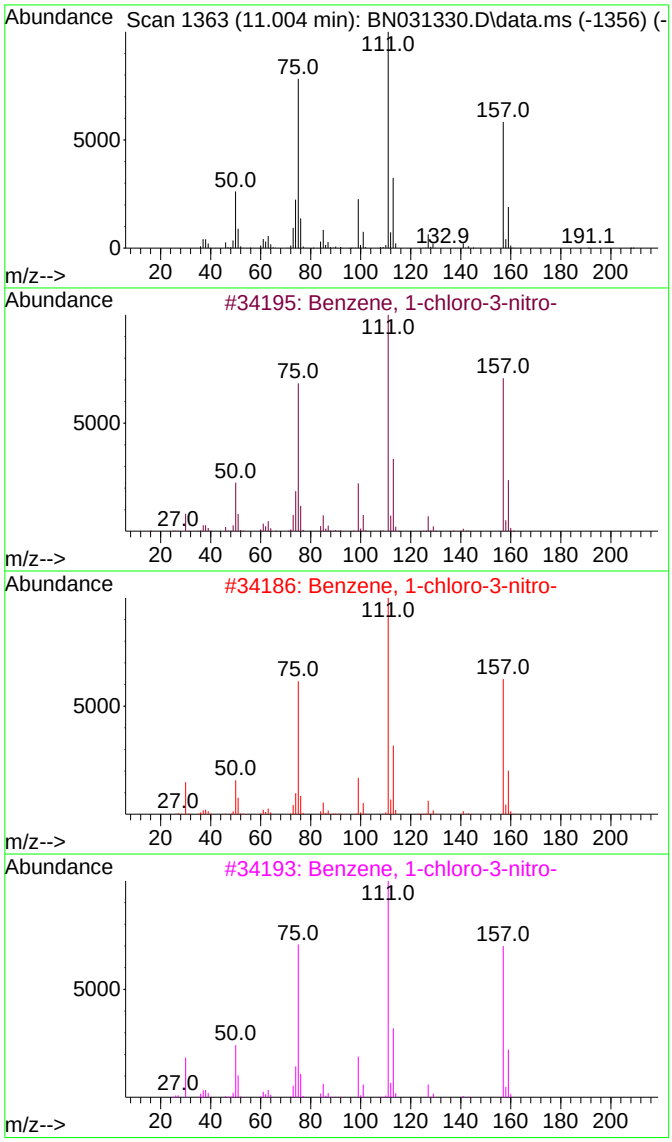
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

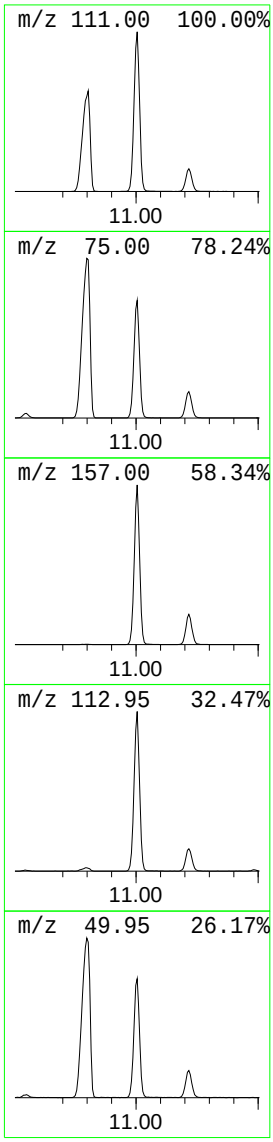
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-chloro-3-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	40.05 ng/ul	3509530	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

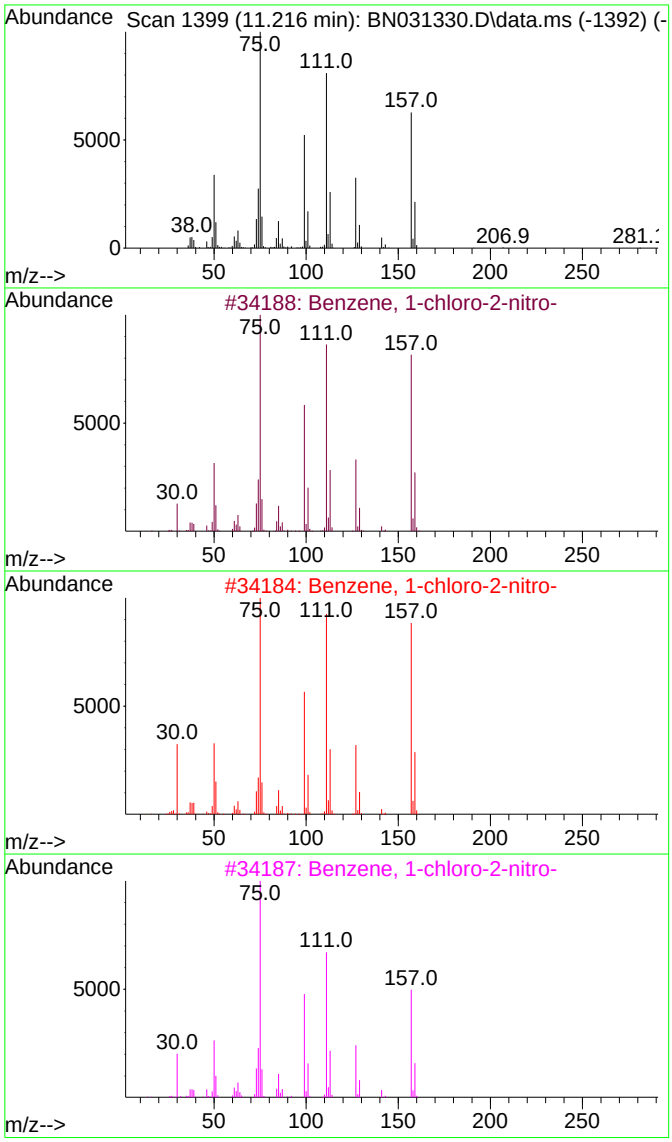
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

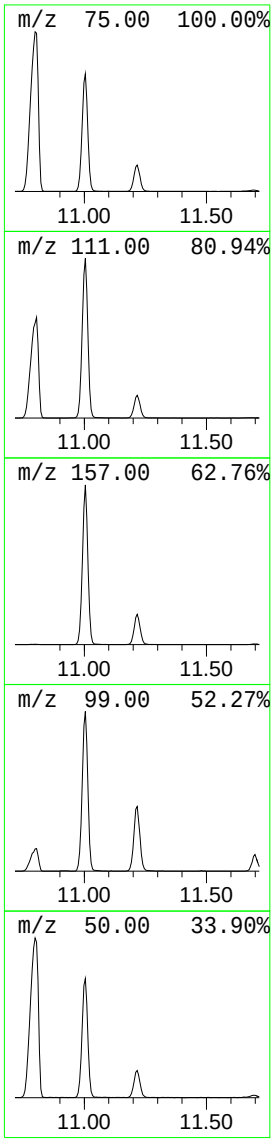
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-chloro-2-nitro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	10.05 ng/ul	880805	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

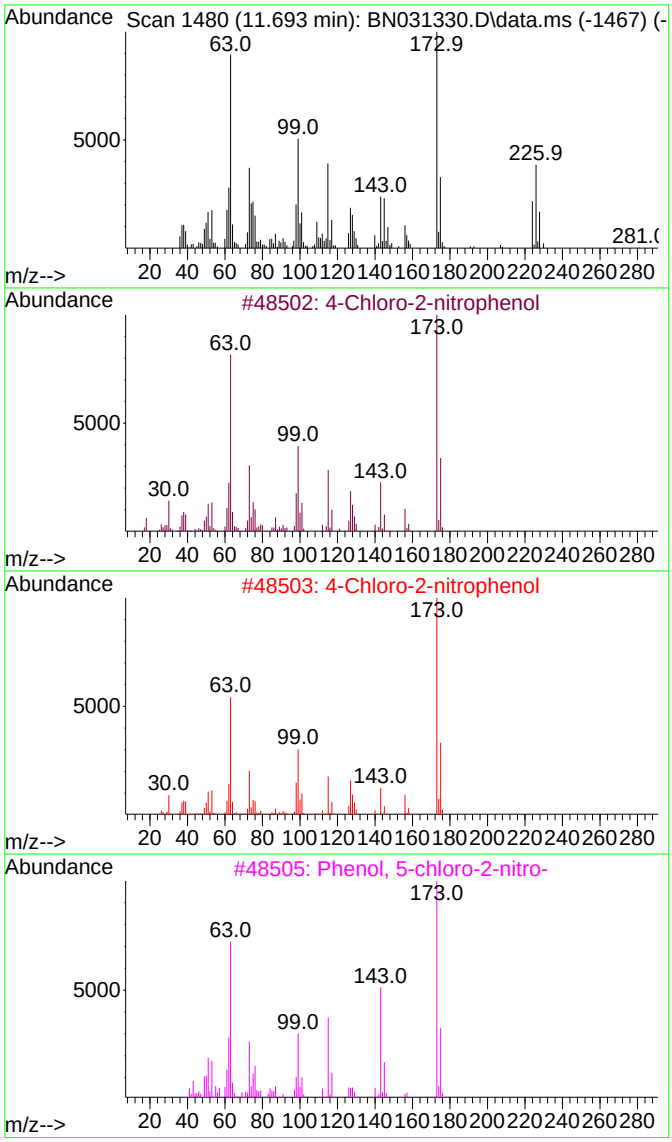
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

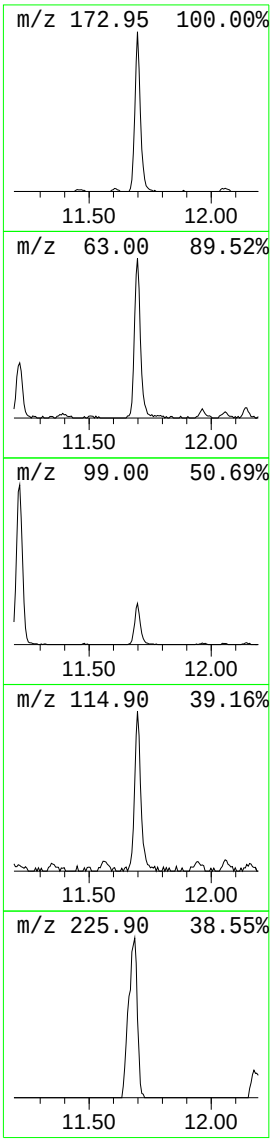
****

Peak Number 13 4-Chloro-2-nitrophenol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.693	4.90 ng/ul	429405	Naphthalene-d8	10.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	99
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	94
3	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	91
4	2-Chloro-6-nitrophenol	173	C6H4ClNO3	000603-86-1	90
5	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

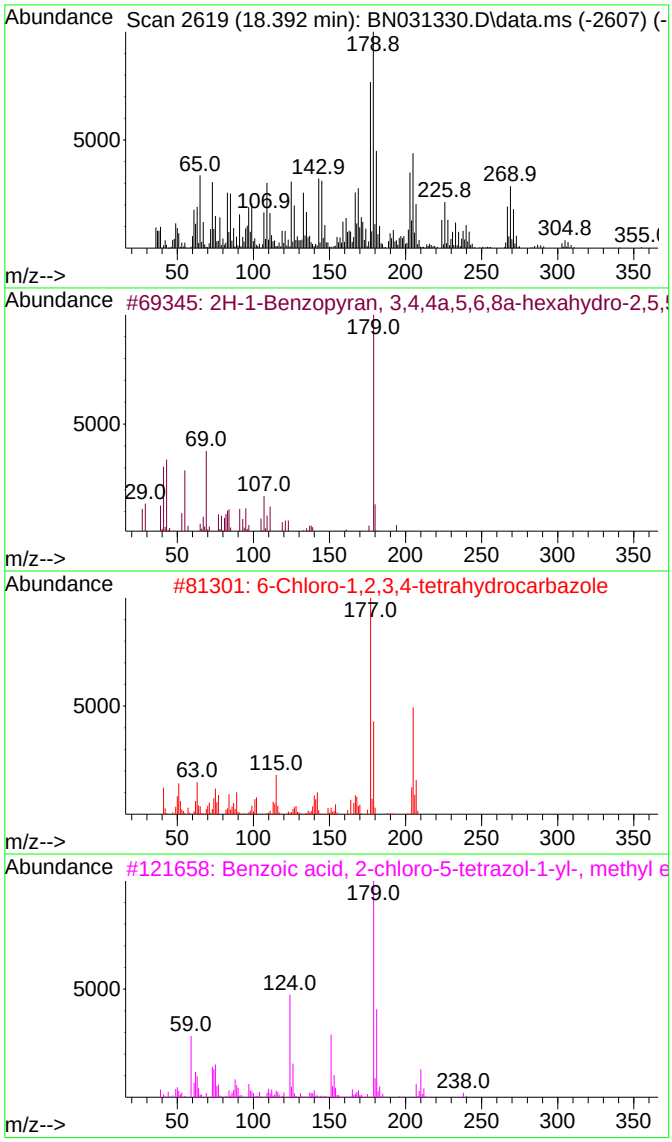
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

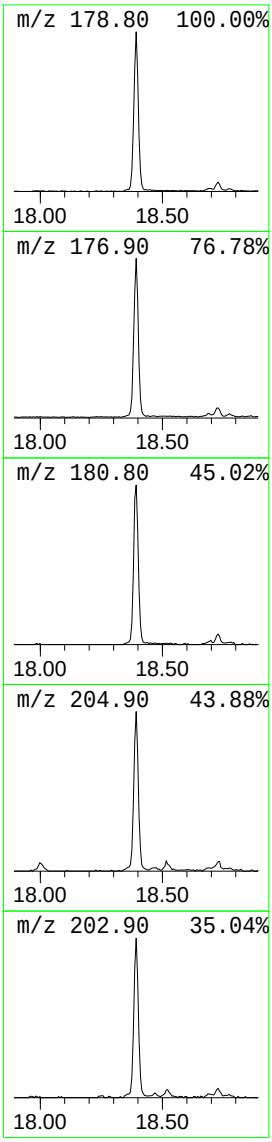
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2H-1-Benzopyran, 3,4,4a,5,6... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	10.30 ng/ul	1563140	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	041678-32-4	53
2	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
3	Benzoic acid, 2-chloro-5-tetrazo...	238	C9H7ClN4O2	1010310-73-5	22
4	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	15
5	1,2,2-Trimethyl-3-trifluoromethy...	224	C10H12F4O	1010322-33-7	15





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Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

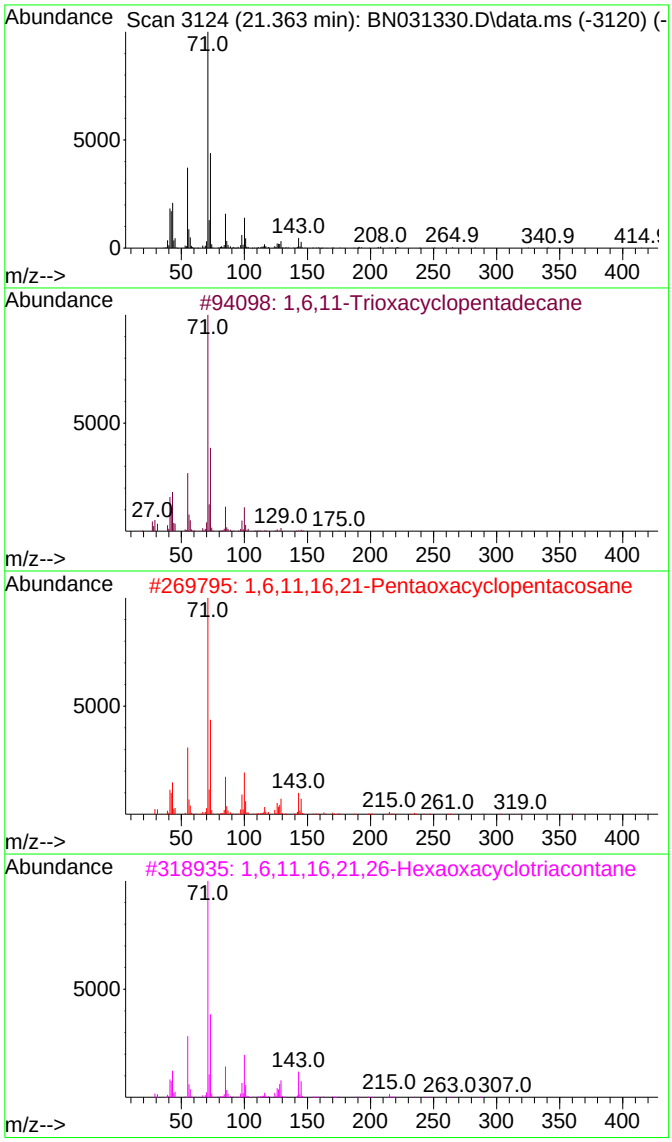
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

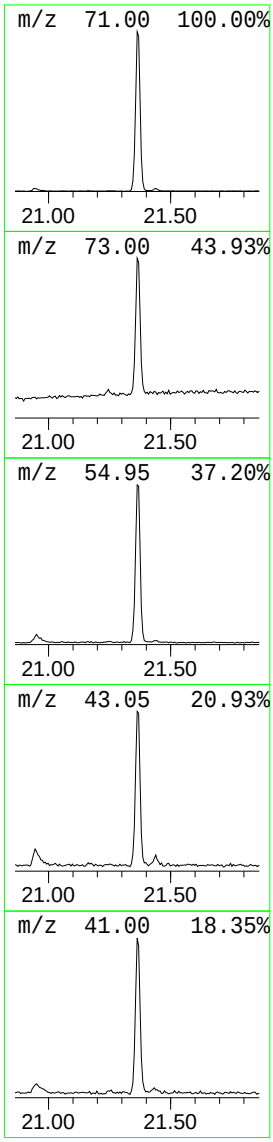
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,6,11-Trioxacyclopentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.363	3.45 ng/ul	514384	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	91
2	1,6,11,16,21-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	91
3	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	87
4	1,6,11,16,21,26,31-Heptaoxacyclo...	504	C28H56O7	066055-34-3	83
5	1,6,11,16-Tetraoxacycloeicosane	288	C16H32O4	017043-02-6	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

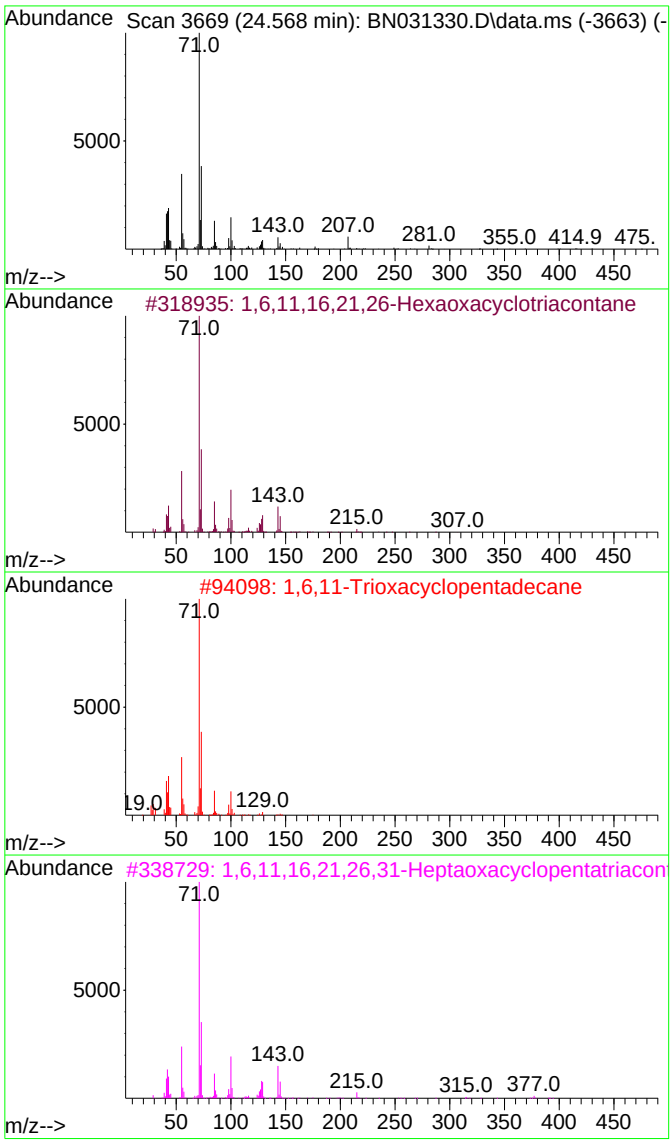
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

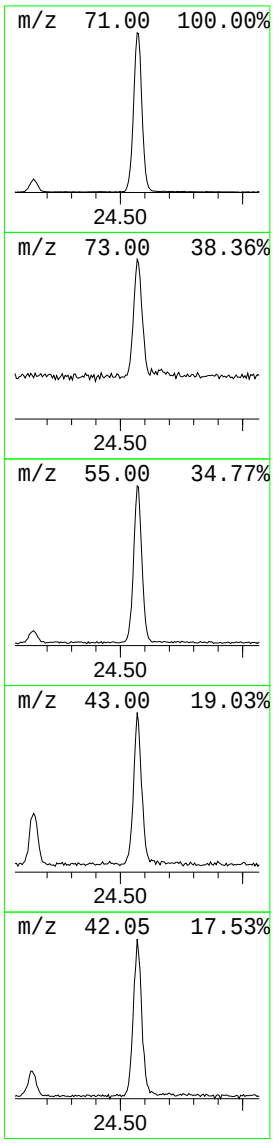
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,6,11,16,21,26-Hexaoxacycl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.568	4.17 ng/ul	557704	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	83
2	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	80
3	1,6,11,16,21,26,31-Heptaoxacyclo...	504	C28H56O7	066055-34-3	80
4	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	53
5	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031330.D
Acq On : 30 Apr 2024 21:14
Operator : MA/JU
Sample : P2269-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.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-brom...	9.104	17.9	ng/ul	1564260	2	10.422	1752500	20.0
Benzene, 1,2-di...	9.328	3.9	ng/ul	338140	2	10.422	1752500	20.0
Benzene, 1,4-di...	9.375	2.5	ng/ul	217794	2	10.422	1752500	20.0
Benzene, 1-brom...	9.416	10.0	ng/ul	878135	2	10.422	1752500	20.0
Benzene, 1-chlo...	11.004	40.0	ng/ul	3509530	2	10.422	1752500	20.0
Benzene, 1-chlo...	11.216	10.1	ng/ul	880805	2	10.422	1752500	20.0
4-Chloro-2-nitr...	11.693	4.9	ng/ul	429405	2	10.422	1752500	20.0
2H-1-Benzopyran...	18.392	10.3	ng/ul	1563140	4	17.010	3036260	20.0
1,6,11-Trioxacy...	21.363	3.5	ng/ul	514384	5	21.251	2977680	20.0
1,6,11,16,21,26...	24.568	4.2	ng/ul	557704	6	24.139	2672520	20.0