LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

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-BN041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031285.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.558	95	97	111	rBV	79116	165516	0.11%	0.023%
2	5.046	329	350	355	rBV4	27702961	157457849	100.00%	22.166%
3	6.317	557	566	574	rBV	308707	516899	0.33%	0.073%
4	6.605	612	615	628	rVV	105377	191355	0.12%	0.027%
5	6.805	643	649	660	rVB	230154	438001	0.28%	0.062%
6	6.987	669	680	691	rBV	589915	1428683	0.91%	0.201%
7	7.164	701	710	729	rBV	692780	1616537	1.03%	0.228%
8	7.358	734	743	757	rVB2	60827	176005	0.11%	0.025%
9	7.540	760	774	786	rBV2	15601458	59532669	37.81%	8.381%
10	7.740	786	808	809	rBV2	27386807	126168839	80.13%	17.761%
11	8.081	842	866	867	rBV	26668406	143435306	91.09%	20.192%
12	8.340	903	910	919	rBV	687244	1114521	0.71%	0.157%
13	8.787	978	986	989	rBV	1028825	1699782	1.08%	0.239%
14	8.834	989	994	1006	rVB	2728375	4352236	2.76%	0.613%
15	9.110	1035	1041	1048	rBV	866239	1412712	0.90%	0.199%
16	9.334	1072	1079	1083	rBV	195728	306630	0.19%	0.043%
17	9.381	1083	1087	1089	rBV	138771	202103	0.13%	0.028%
18	9.422	1089	1094	1100	rVB	453187	800692	0.51%	0.113%
19	9.499	1100	1107	1114	rBV	900201	1595627	1.01%	0.225%
20	10.034	1191	1198	1206	rBV	1140217	2120939	1.35%	0.299%
21	10.328	1230	1248	1252	rBV	24758768	91158098	57.89%	12.833%
22	10.428	1258	1265	1270	rBV	1336312	1979351	1.26%	0.279%
23	10.552	1279	1286	1297	rBV	709963	1238956	0.79%	0.174%
24	10.804	1315	1329	1336	rBV	15415614	33278528	21.13%	4.685%
25	11.010	1356	1364	1372	rBV	2023429	3241464	2.06%	0.456%
26	11.222	1392	1400	1411	rVB	466555	823283	0.52%	0.116%
27	11.704	1470	1482	1493	rVB2	187943	412280	0.26%	0.058%
28	12.404	1593	1601	1603	rBV2	475027	839632	0.53%	0.118%
29	12.440	1603	1607	1616	rVV	3233992	4997371	3.17%	0.703%
30	13.057	1705	1712	1723	rVB	6773014	11070948	7.03%	1.558%
31	13.287	1745	1751	1759	rVB2	141981	219866	0.14%	0.031%
32	13.687	1808	1819	1824	rBV	2636031	4015605	2.55%	0.565%
33	13.963	1859	1866	1874	rVB	2843901	4344795	2.76%	0.612%
34	14.269	1908	1918	1932	rBV	1978606	2928351	1.86%	0.412%
35	14.487	1950	1955	1965	rBV	300254	499077	0.32%	0.070%
36	14.581	1965	1971	1977	rVB	311489	441486	0.28%	0.062%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

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-BN041924.MA.M
Title : SVOA CALIBRATION

37	15.263	2076	2087	2093	rBV	3663760	5425136	3.45%	0.764%
38	15.316	2093	2096	2103	rVV	168952	247323	0.16%	0.035%
39	15.392	2103	2109	2121	rVV	1397182	1966836	1.25%	0.277%
40	17.022	2377	2386	2396	rBV	2506107	3708609	2.36%	0.522%
41	17.116	2396	2402	2412	rBV2	4321874	6193331	3.93%	0.872%
42	18.398	2615	2620	2628	rVB	1079774	1526873	0.97%	0.215%
43	18.892	2696	2704	2708	rVB	156206	226873	0.14%	0.032%
44	19.422	2788	2794	2802	rVV	5618120	7552727	4.80%	1.063%
45	21.251	3100	3105	3115	rBV	2778444	4068664	2.58%	0.573%
46	21.369	3121	3125	3130	rBV	504116	625935	0.40%	0.088%
47	23.951	3555	3564	3575	rVB2	3053551	7538474	4.79%	1.061%
48	24.145	3589	3597	3612	rVB2	1676850	4192290	2.66%	0.590%
49	24.580	3664	3671	3680	rVB	362440	868247	0.55%	0.122%

Sum of corrected areas: 710363310

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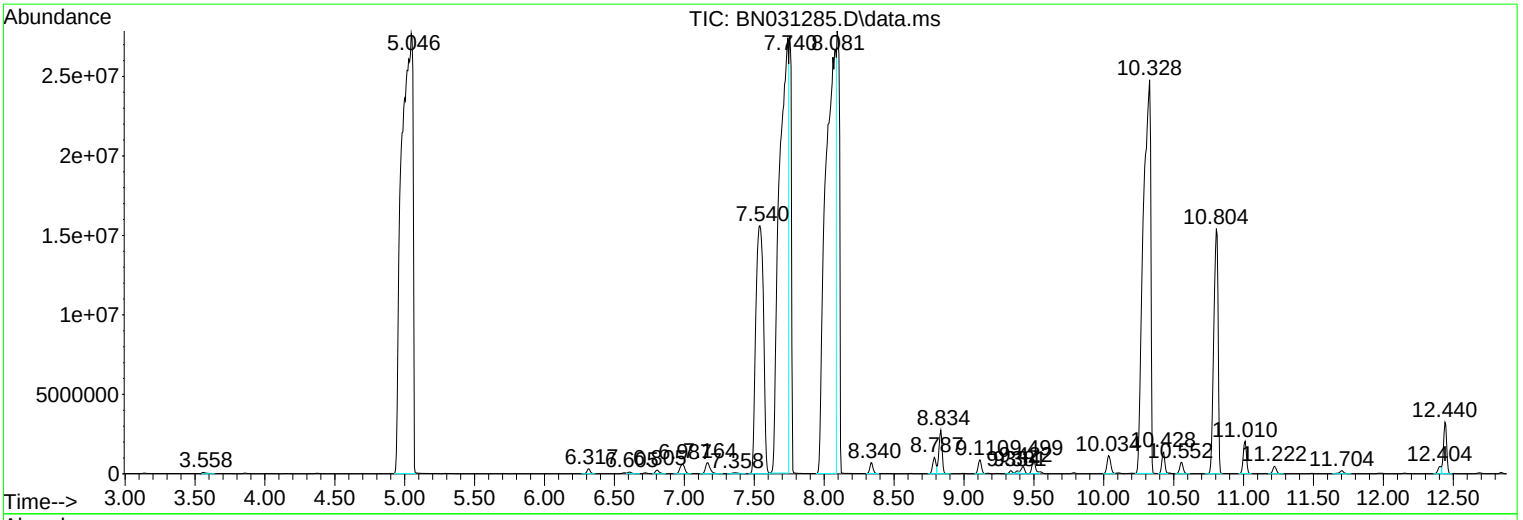
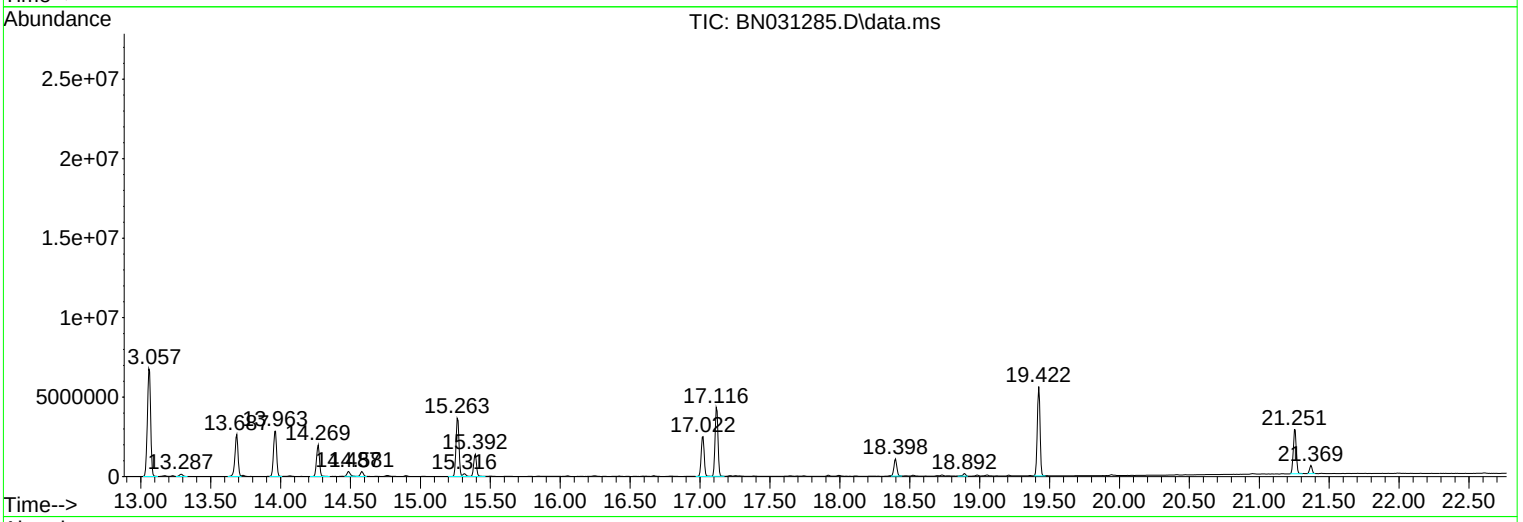
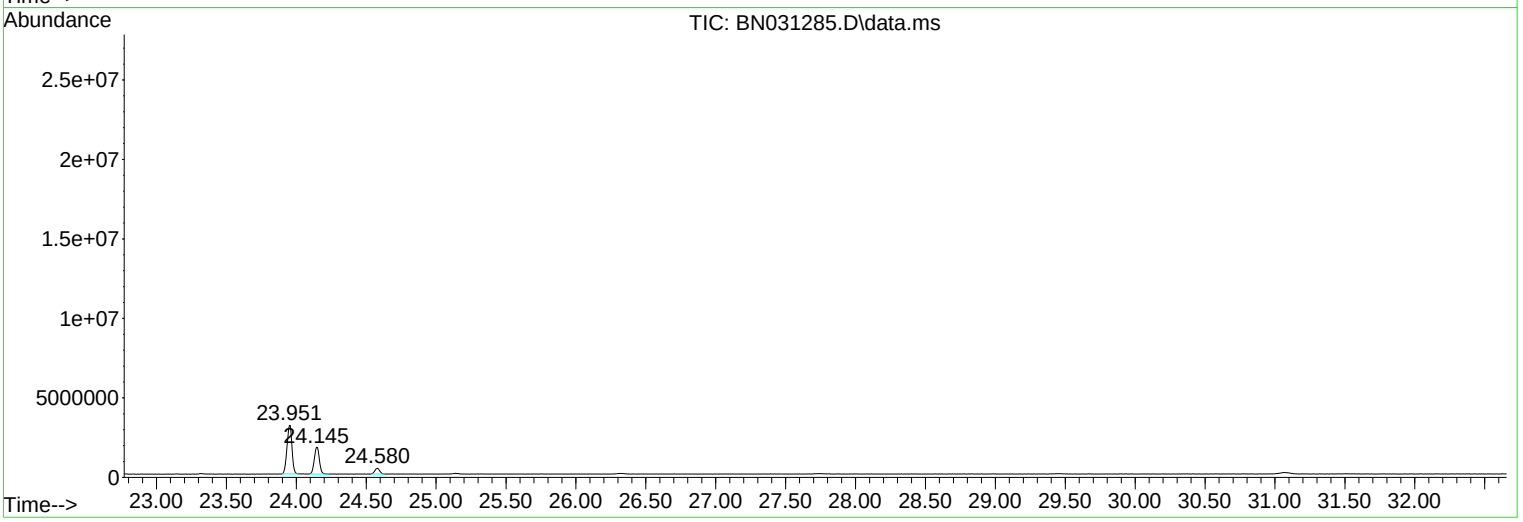
Instrument :
BNA_N
ClientSampleId :
C0RQ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.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\BN042724\
Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

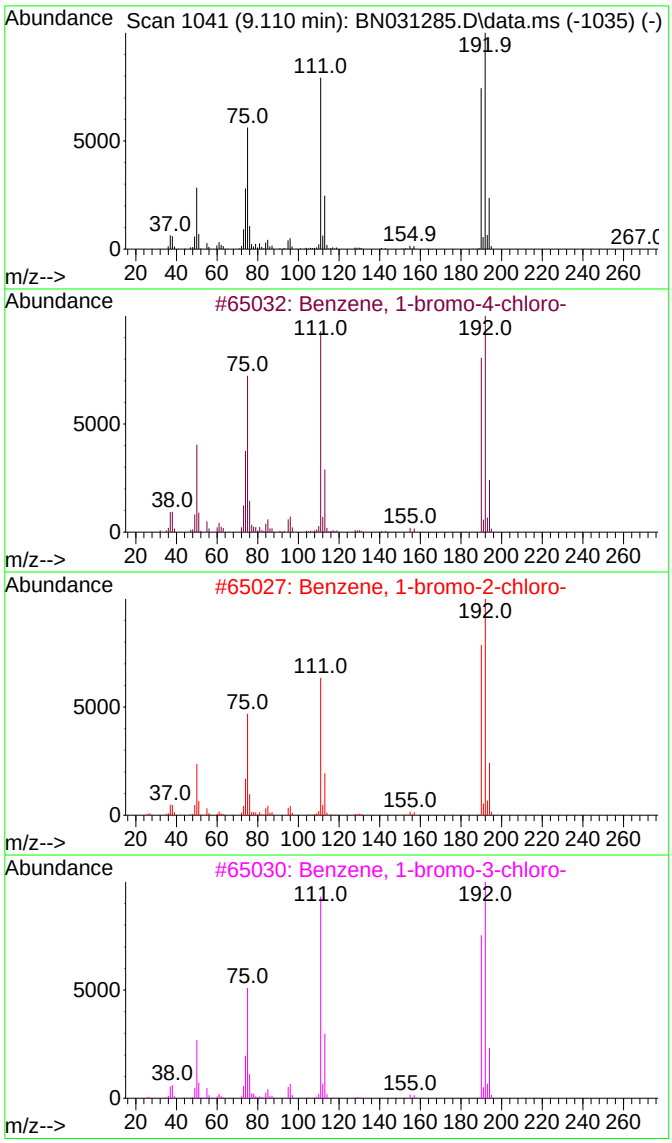
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

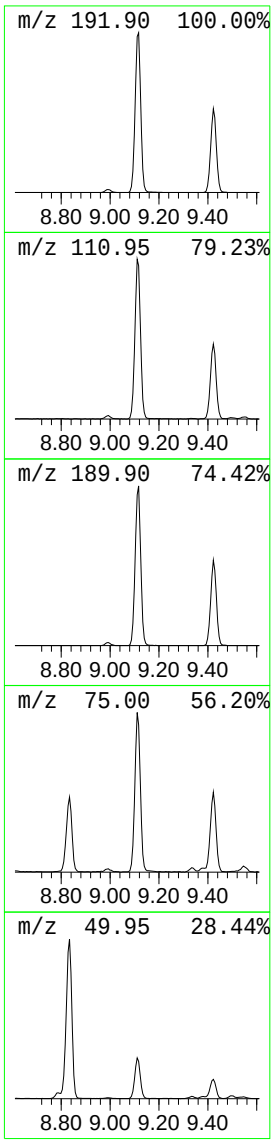
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.110	14.27 ng/ul	1412710	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	99
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

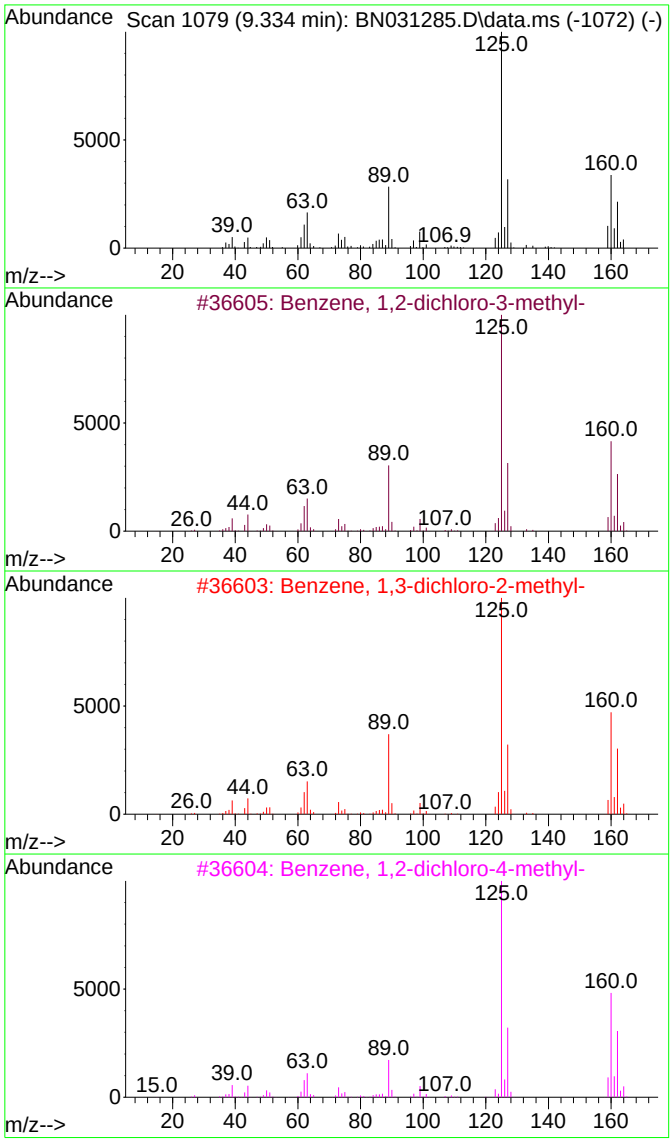
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

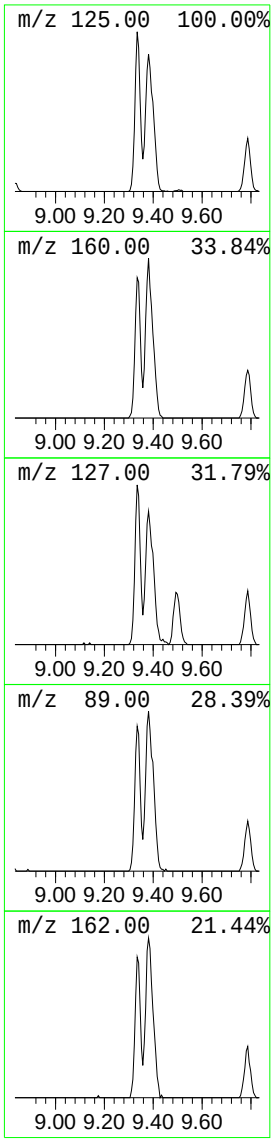
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.334	3.10 ng/ul	306630	Naphthalene-d8	10.428

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

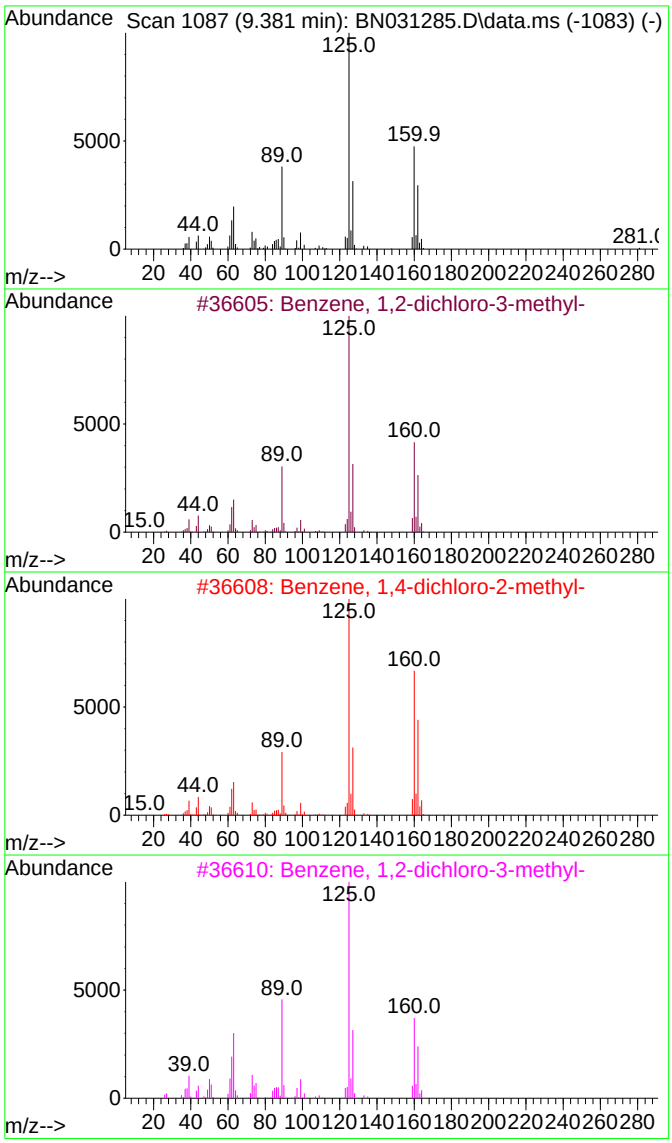
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

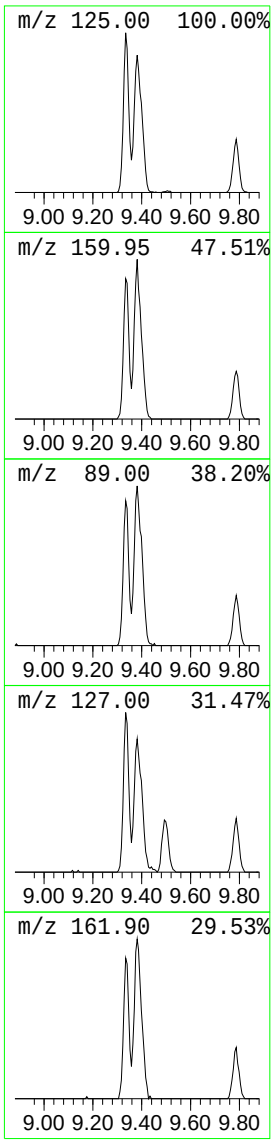
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	2.04 ng/ul	202103	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
3	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96
4	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96
5	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

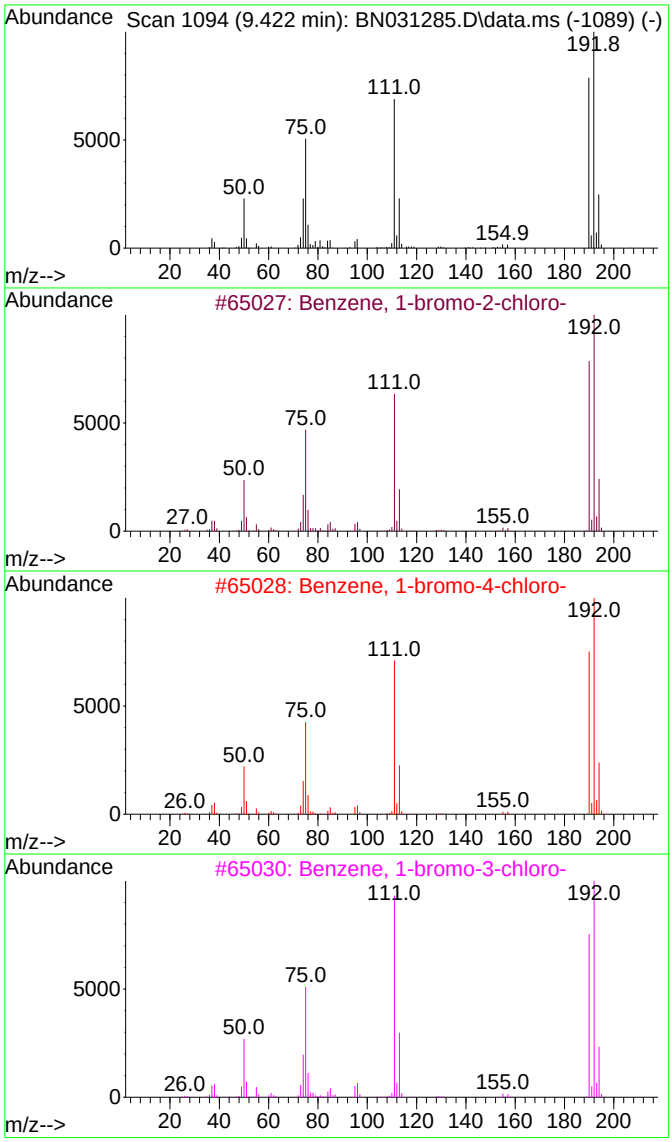
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

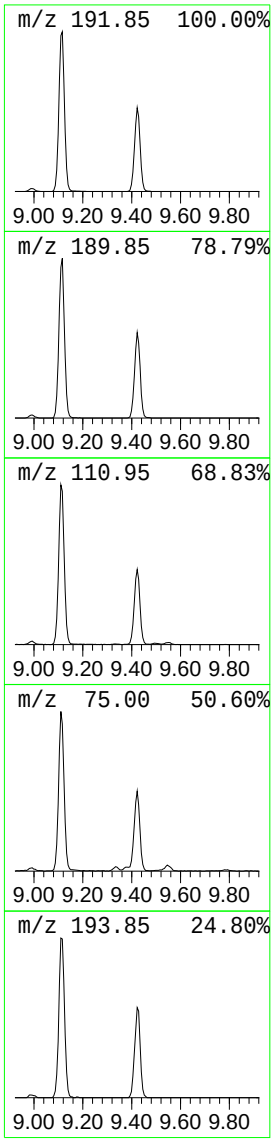
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-bromo-2-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	8.09 ng/ul	800692	Naphthalene-d8	10.428

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	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

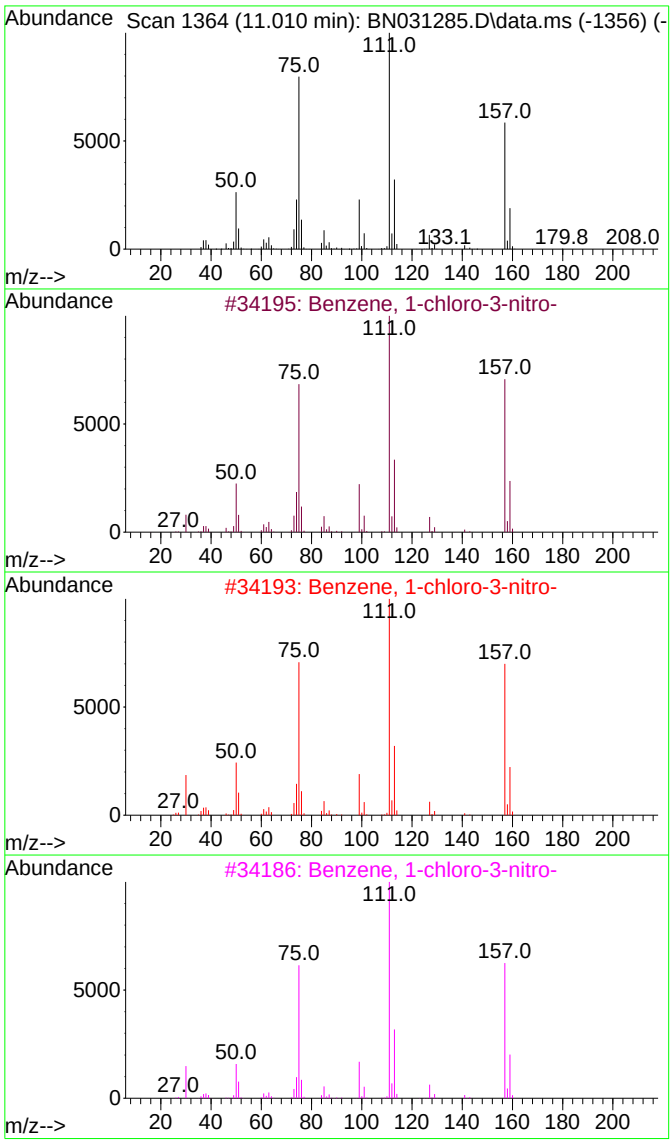
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

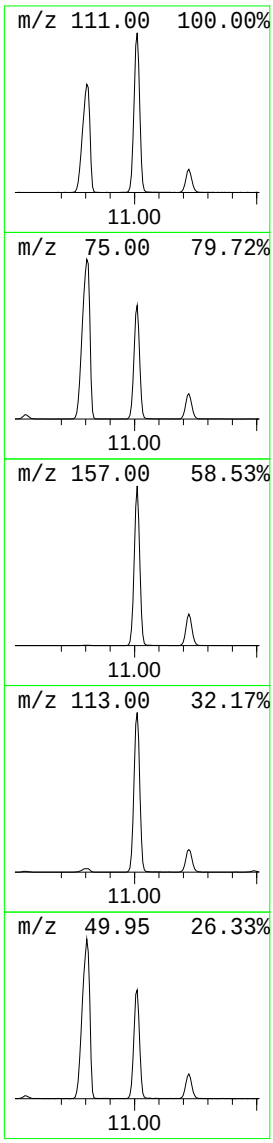
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.010	32.75 ng/ul	3241460	Naphthalene-d8	10.428

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





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Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

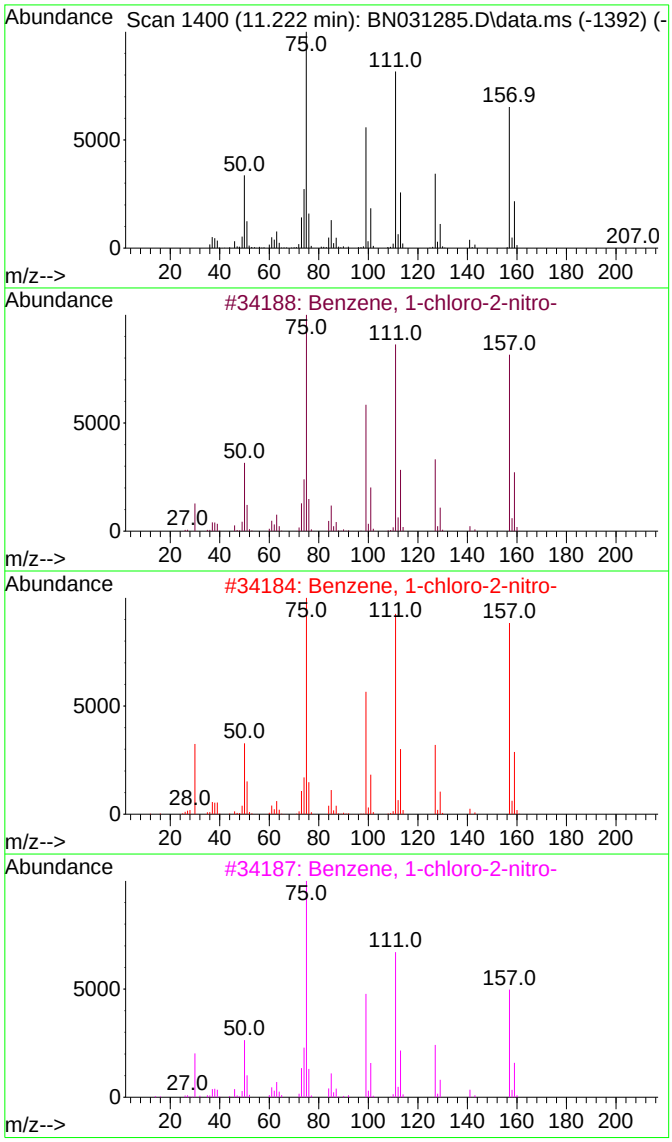
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

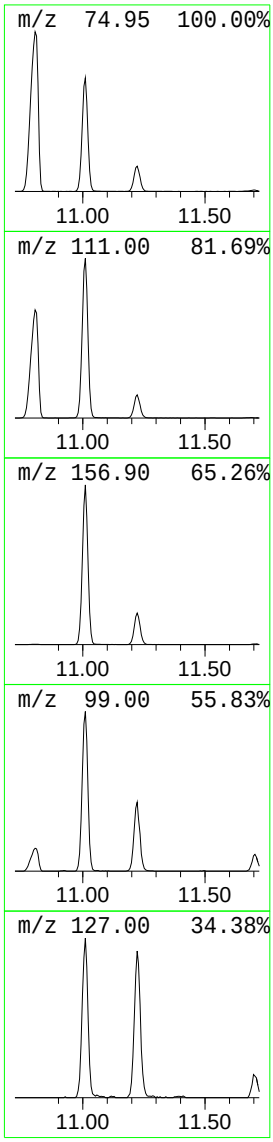
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-chloro-2-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	8.32 ng/ul	823283	Naphthalene-d8	10.428

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	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

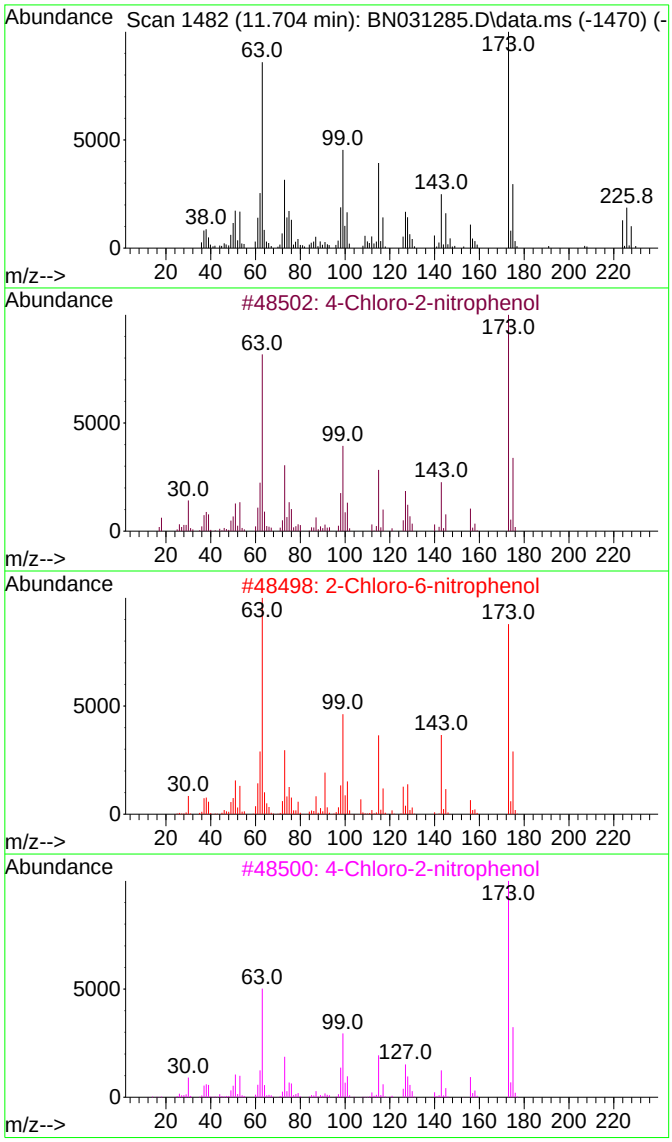
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

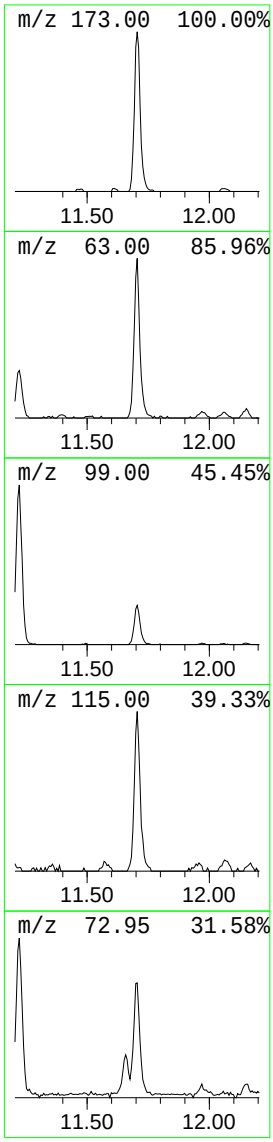
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	4.17 ng/ul	412280	Naphthalene-d8	10.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	99
2	2-Chloro-6-nitrophenol	173	C6H4ClNO3	000603-86-1	95
3	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	94
4	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	93
5	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

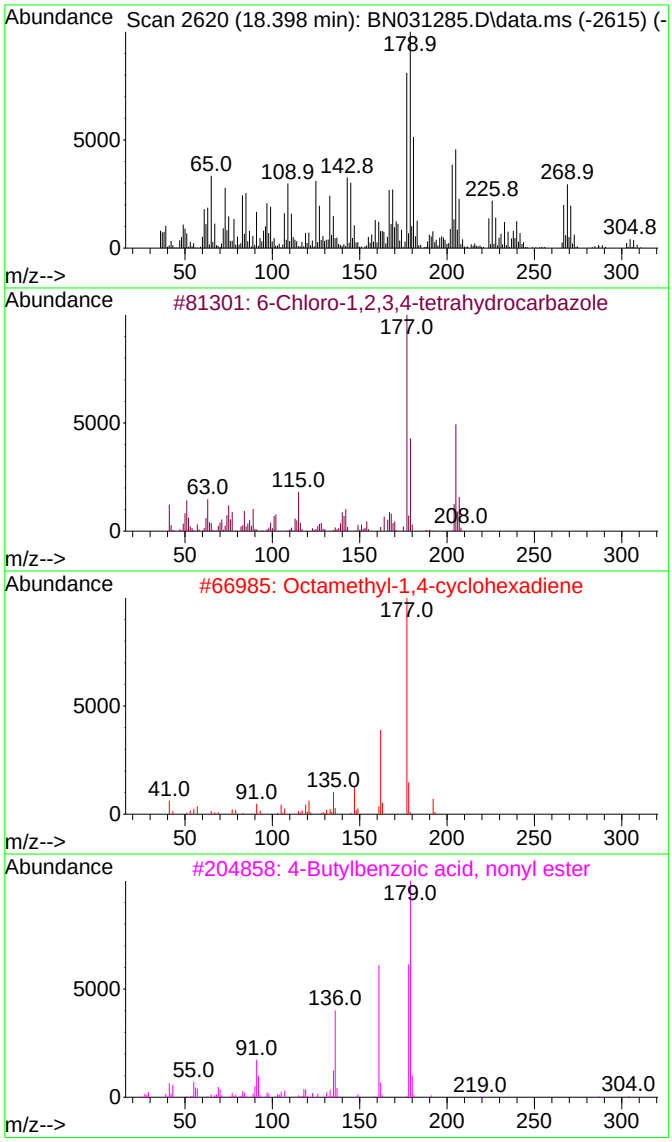
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

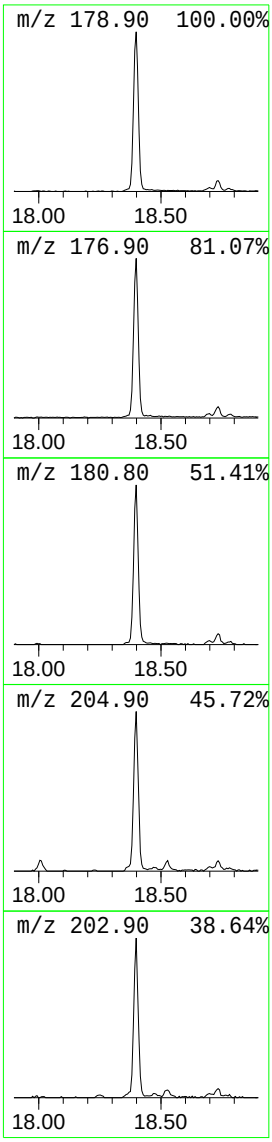
****

Peak Number 14 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	8.23 ng/ul	1526870	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
2	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	25
3	4-Butylbenzoic acid, nonyl ester	304	C20H32O2	1000292-20-6	25
4	Cloxyquin	179	C9H6ClNO	000130-16-5	22
5	4,5-Dichloro-2-fluoroaniline	179	C6H4Cl2FN	002729-36-4	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

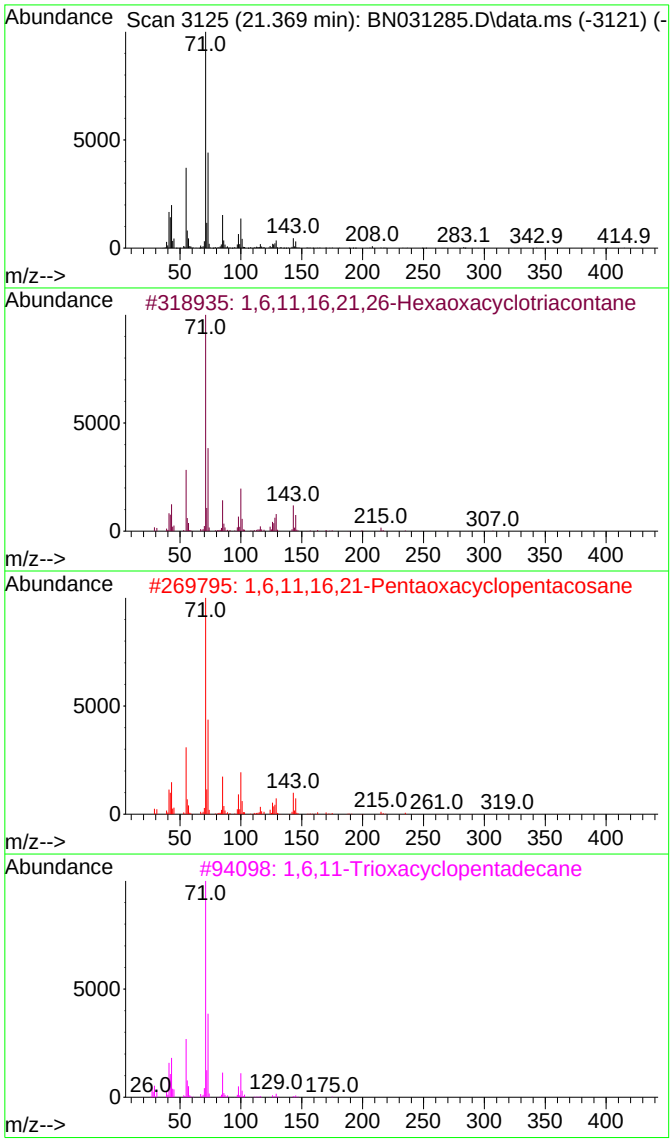
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

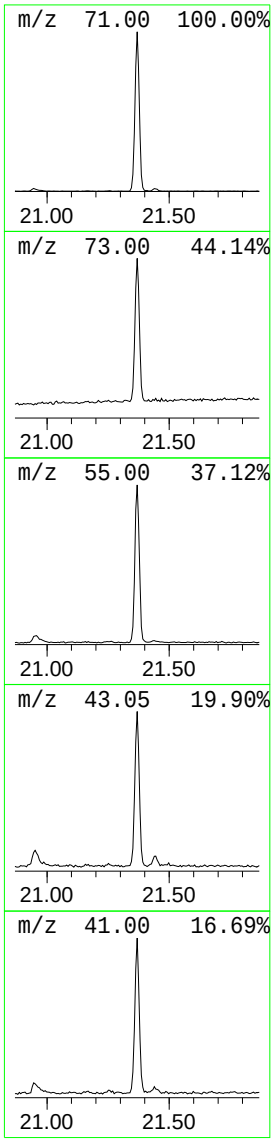
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,6,11,16,21,26-Hexaoxacycl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.369	3.08 ng/ul	625935	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	91
2	1,6,11,16,21-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	91
3	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	91
4	1,6,11,16-Tetraoxacycloeicosane	288	C16H32O4	017043-02-6	83
5	2-Undecen-4-ol	170	C11H22O	022381-86-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

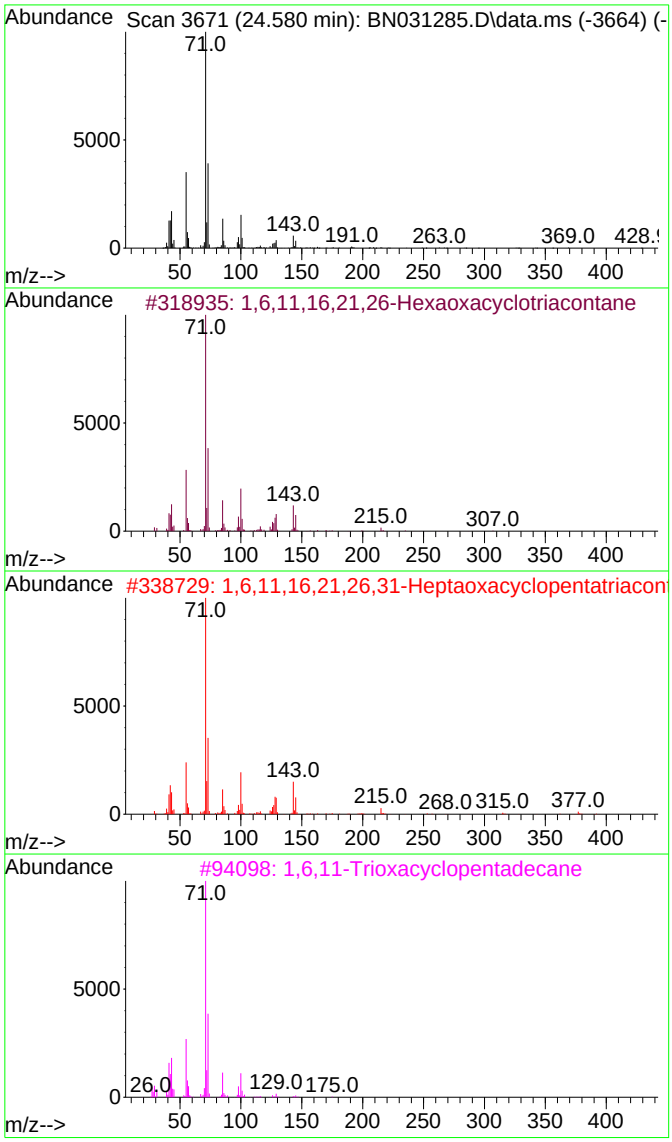
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

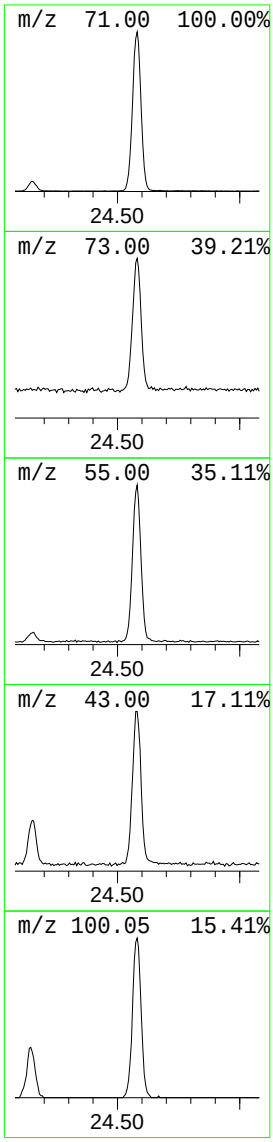
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,6,11,16,21,26,31-Heptaoxa... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.580	4.14 ng/ul	868247	Perylene-d12	24.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	91
2	1,6,11,16,21,26,31-Heptaoxacyclo...	504	C28H56O7	066055-34-3	91
3	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	53
4	Acrolein,dimethyl acetal	102	C5H10O2	006044-68-4	50
5	3-Tetrahydro-2-furanylpropanoic ...	144	C7H12O3	000935-12-6	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031285.D
Acq On : 28 Apr 2024 00:38
Operator : MA/JU
Sample : P2269-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0RQ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.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...	9.110	14.3	ng/ul	1412710	2	10.428	1979350	20.0
Benzene, 1,2-di...	9.334	3.1	ng/ul	306630	2	10.428	1979350	20.0
Benzene, 1,4-di...	9.381	2.0	ng/ul	202103	2	10.428	1979350	20.0
Benzene, 1-brom...	9.422	8.1	ng/ul	800692	2	10.428	1979350	20.0
Benzene, 1-chlo...	11.010	32.8	ng/ul	3241460	2	10.428	1979350	20.0
Benzene, 1-chlo...	11.222	8.3	ng/ul	823283	2	10.428	1979350	20.0
4-Chloro-2-nitr...	11.704	4.2	ng/ul	412280	2	10.428	1979350	20.0
unknown-01	18.398	8.2	ng/ul	1526870	4	17.022	3708610	20.0
1,6,11,16,21,26...	21.369	3.1	ng/ul	625935	5	21.251	4068660	20.0
1,6,11,16,21,26...	24.580	4.1	ng/ul	868247	6	24.151	4192290	20.0