LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025091.D
Acq On : 23 Apr 2023 00:40
Operator : CG/JU
Sample : 02399-01DL 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML8DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BN025091.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.205	336	343	366	rBV	25985818	43865972	100.00%	37.205%
2	7.246	683	690	701	rVB	64259	112233	0.26%	0.095%
3	7.446	718	724	732	rBV	52896	89676	0.20%	0.076%
4	7.804	778	785	794	rBV	881599	1375748	3.14%	1.167%
5	7.957	805	811	829	rVB	13900532	22792441	51.96%	19.331%
6	8.275	857	865	889	rBV	9927045	16307012	37.17%	13.831%
7	8.634	919	926	934	rBV	39930	71340	0.16%	0.061%
8	9.087	997	1003	1004	rBV	74903	105655	0.24%	0.090%
9	9.128	1004	1010	1023	rVB	1751559	2863711	6.53%	2.429%
10	9.810	1121	1126	1136	rVB	47443	83178	0.19%	0.071%
11	10.351	1210	1218	1227	rBV	71213	124749	0.28%	0.106%
12	10.592	1251	1259	1266	rBV	1661461	2715876	6.19%	2.303%
13	10.728	1273	1282	1291	rBV	1715608	2860502	6.52%	2.426%
14	10.875	1298	1307	1319	rBV	70682	146351	0.33%	0.124%
15	11.116	1341	1348	1357	rVB	208026	349938	0.80%	0.297%
16	11.334	1378	1385	1397	rBV	240899	411297	0.94%	0.349%
17	11.551	1415	1422	1430	rBV2	67135	127346	0.29%	0.108%
18	12.757	1617	1627	1638	rVB2	65491	119157	0.27%	0.101%
19	13.363	1724	1730	1737	rVB2	88383	152920	0.35%	0.130%
20	13.975	1827	1834	1843	rBV	179135	259609	0.59%	0.220%
21	14.257	1876	1882	1890	rBV2	159126	241162	0.55%	0.205%
22	14.563	1927	1934	1945	rBV	2652326	3895189	8.88%	3.304%
23	15.557	2089	2103	2110	rBV	261364	388409	0.89%	0.329%
24	15.680	2117	2124	2130	rBV4	32935	56794	0.13%	0.048%
25	17.310	2395	2401	2412	rBV	3437949	4792067	10.92%	4.064%
26	17.410	2412	2418	2430	rVB	270493	407591	0.93%	0.346%
27	19.704	2803	2808	2813	rBV	394265	522370	1.19%	0.443%
28	21.504	3108	3114	3126	rBV	4644030	5811381	13.25%	4.929%
29	23.786	3498	3502	3514	rVB	238650	553722	1.26%	0.470%
30	23.945	3522	3529	3545	rVB2	3160607	6300908	14.36%	5.344%

Sum of corrected areas: 117904304

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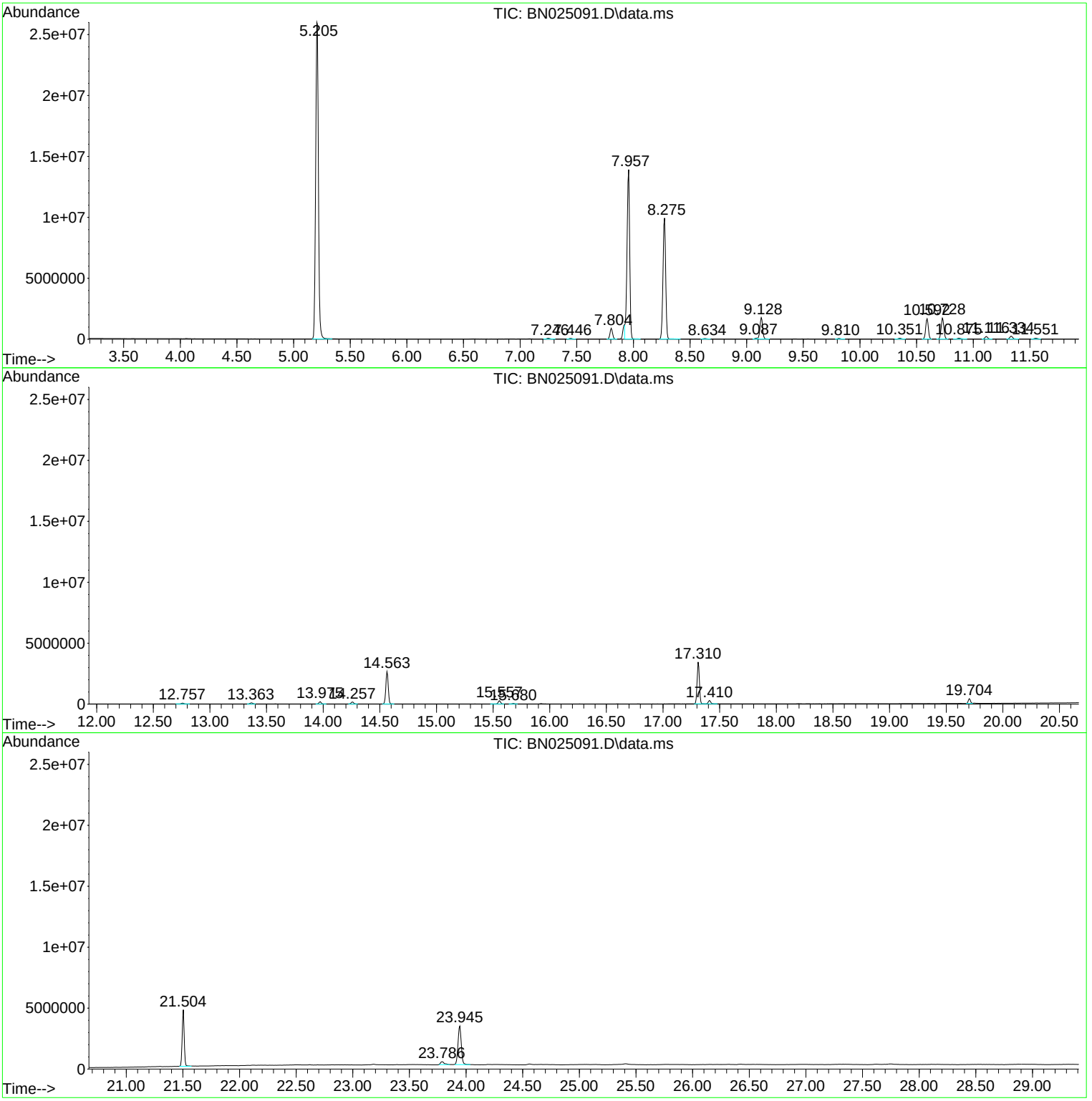
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML8DL

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

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



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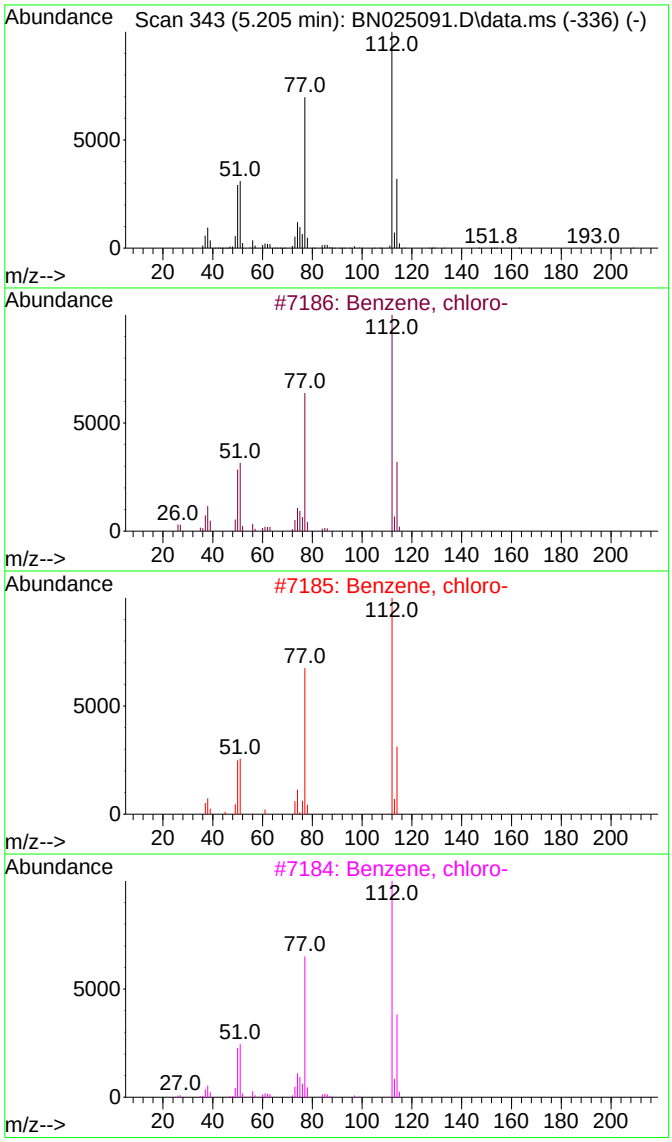
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

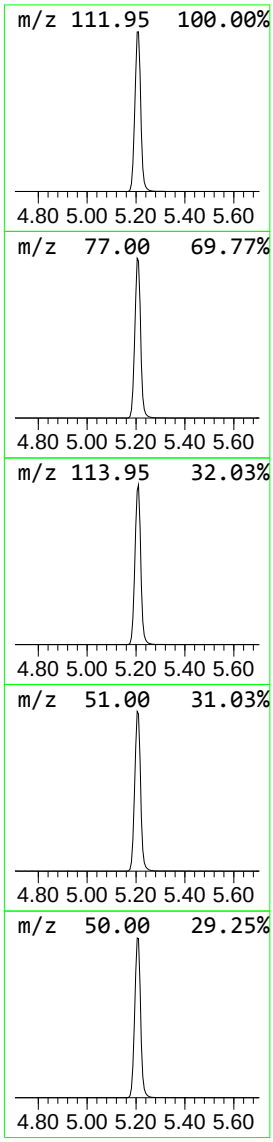
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.205	38.49 ng/ul	43866000	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
5	Benzene, chloro-	112	C6H5Cl	000108-90-7	94





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML8DL

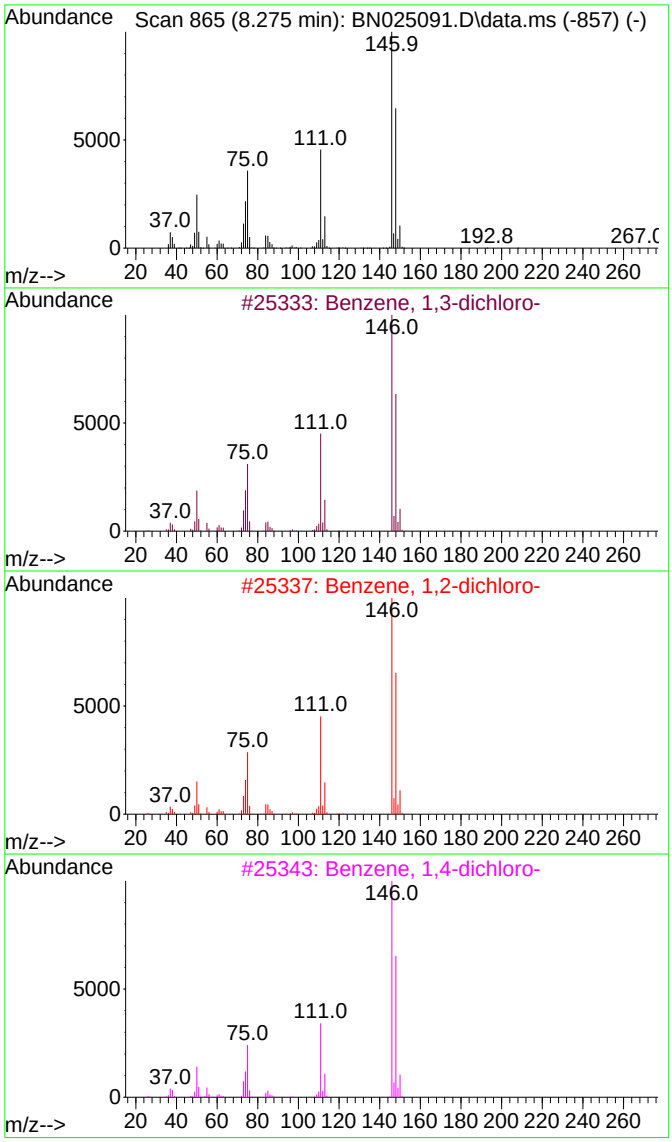
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

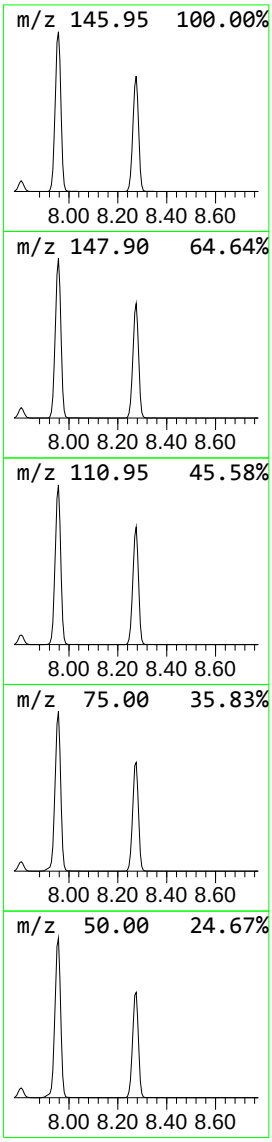
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	14.31 ng/ul	16307000	1,4-Dichlorobenzene-d4	7.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97





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Data File : BN025091.D
Acq On : 23 Apr 2023 00:40
Operator : CG/JU
Sample : 02399-01DL 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML8DL

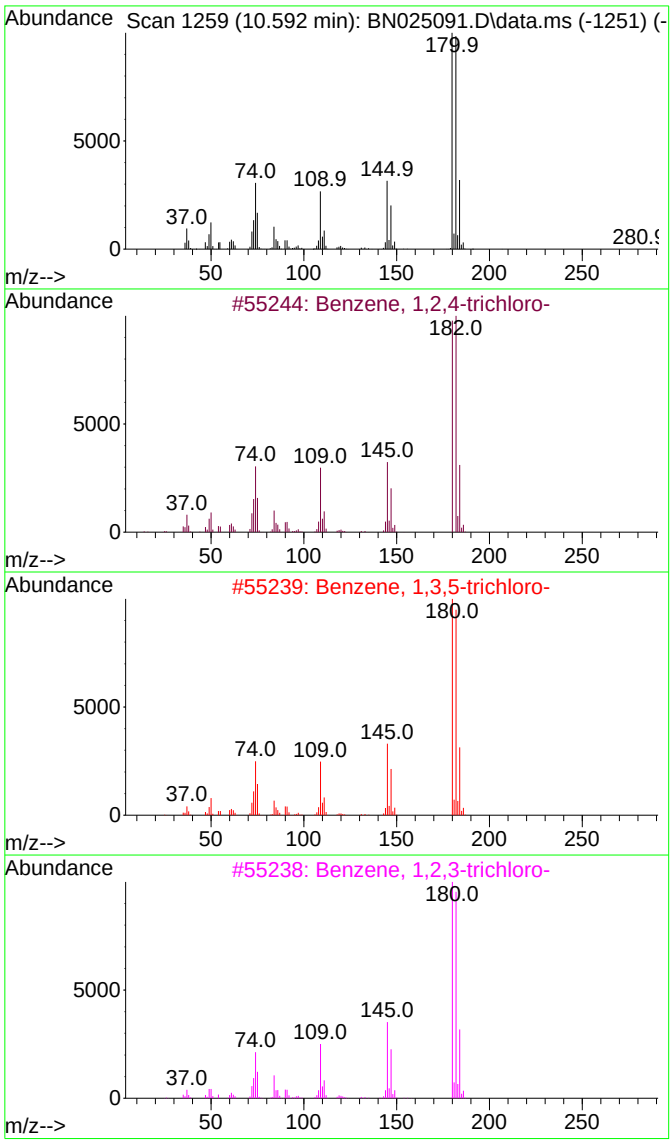
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

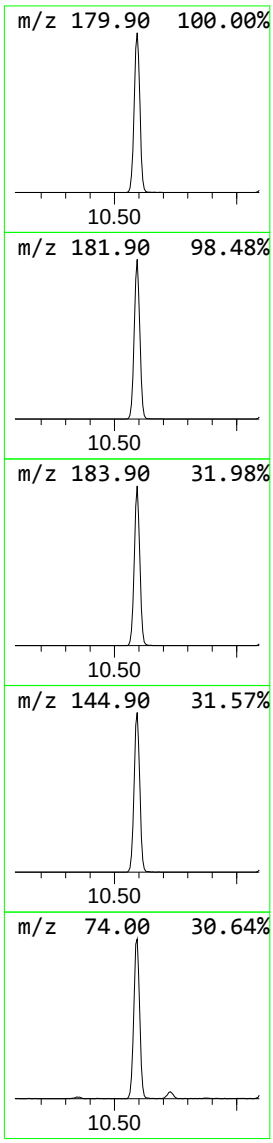
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,4-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	18.99 ng/ul	2715880	Naphthalene-d8	10.728

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





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML8DL

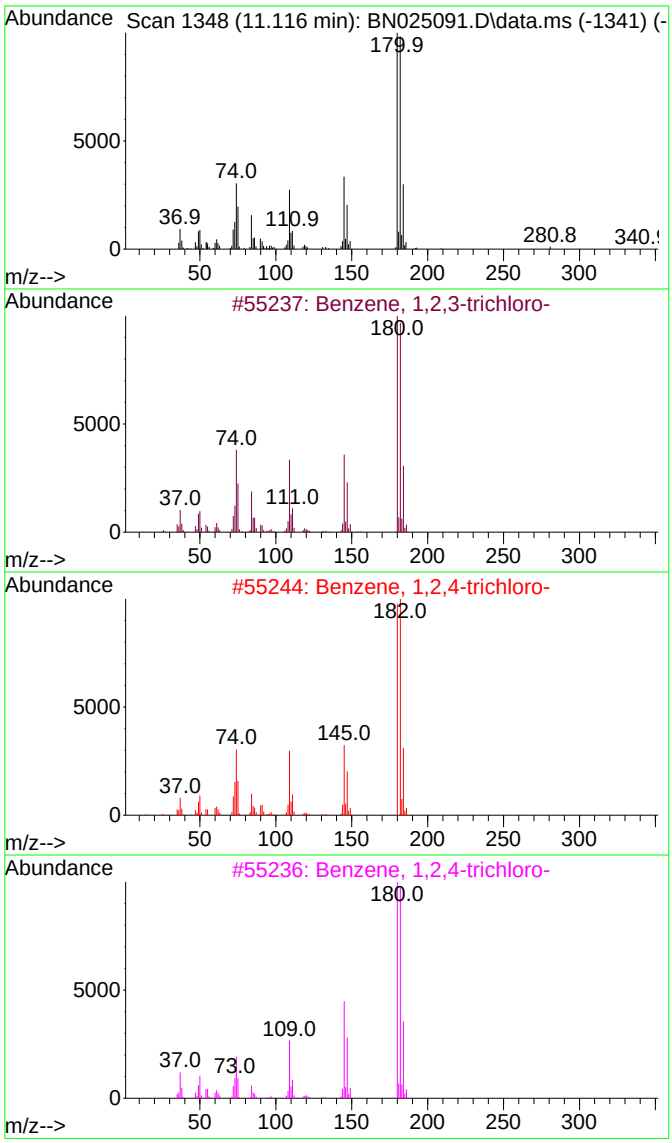
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

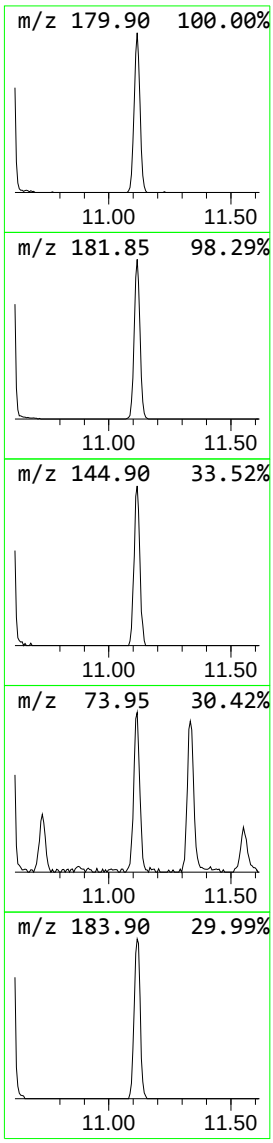
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	2.45 ng/ul	349938	Naphthalene-d8	10.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	99
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
3	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98





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Sample : 02399-01DL 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML8DL

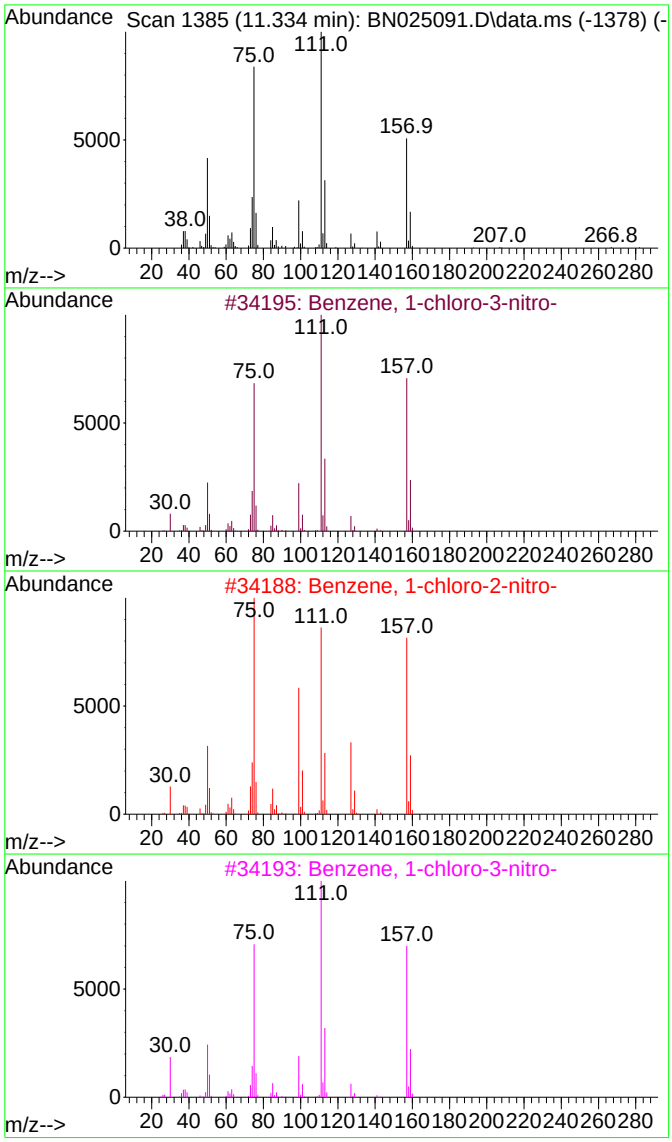
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

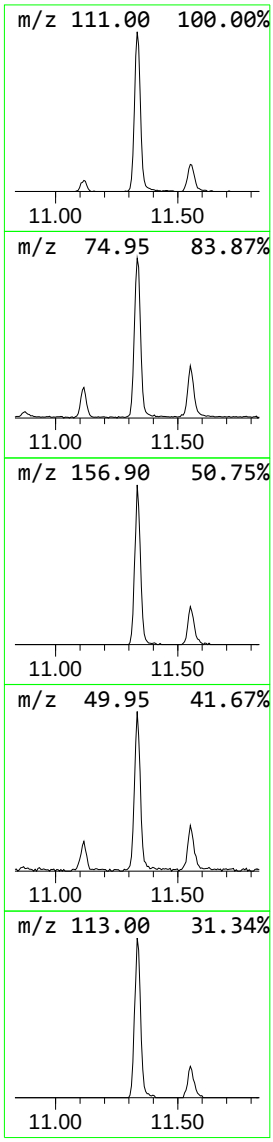
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-chloro-3-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.334	2.88 ng/ul	411297	Naphthalene-d8	10.728

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-2-nitro-	157	C6H4ClNO2	000088-73-3	93
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	91
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	86
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	83





Tentatively Identified Compound (LSC) summary

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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, chloro-	5.205	38.5	ng/ul	43866000	1	7.916	22792400	20.0
Benzene, 1,3-di...	8.275	14.3	ng/ul	16307000	1	7.916	22792400	20.0
Benzene, 1,2,4-...	10.592	19.0	ng/ul	2715880	2	10.728	2860500	20.0
Benzene, 1,2,3-...	11.116	2.5	ng/ul	349938	2	10.728	2860500	20.0
Benzene, 1-chlo...	11.334	2.9	ng/ul	411297	2	10.728	2860500	20.0