LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045273.D
Acq On : 16 Apr 2024 09:33
Operator : MA/JU
Sample : P2051-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MC0R51

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_M\Methods\SFAM-EPA-BM040524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM045273.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.046	309	333	337	rBV3	52153232	242648978	100.00%	50.425%
2	6.946	647	656	675	rBV	4689701	7348204	3.03%	1.527%
3	7.122	680	686	705	rVB	163503	306419	0.13%	0.064%
4	7.475	738	746	757	rVB	2283503	3897931	1.61%	0.810%
5	7.681	759	781	785	rBV	28757494	106403738	43.85%	22.112%
6	7.981	816	832	836	rBV	24162787	78363178	32.29%	16.285%
7	8.828	956	976	980	rBV	11270985	22259525	9.17%	4.626%
8	9.398	1063	1073	1078	rBV	599392	977922	0.40%	0.203%
9	9.457	1078	1083	1096	rVB	178378	311241	0.13%	0.065%
10	9.987	1166	1173	1181	rBV	245219	421586	0.17%	0.088%
11	10.216	1204	1212	1220	rBV	1865923	2924399	1.21%	0.608%
12	10.351	1229	1235	1249	rVB	325060	558318	0.23%	0.116%
13	10.486	1249	1258	1279	rBV2	1989220	3901124	1.61%	0.811%
14	10.975	1331	1341	1361	rBV	259426	522875	0.22%	0.109%
15	13.663	1792	1798	1809	rVB	448887	677209	0.28%	0.141%
16	13.922	1835	1842	1853	rVB	543928	810563	0.33%	0.168%
17	14.227	1888	1894	1902	rBV	446520	687853	0.28%	0.143%
18	15.233	2059	2065	2072	rBV	695076	1005187	0.41%	0.209%
19	15.380	2084	2090	2104	rBV	204281	316546	0.13%	0.066%
20	16.992	2358	2364	2373	rBV	570624	801514	0.33%	0.167%
21	17.092	2375	2381	2393	rVV2	740366	1105011	0.46%	0.230%
22	19.398	2768	2773	2782	rBV2	961978	1341669	0.55%	0.279%
23	21.209	3076	3081	3089	rBV	672578	929254	0.38%	0.193%
24	23.268	3424	3431	3437	rBV	894801	1605744	0.66%	0.334%
25	23.409	3448	3455	3467	rVB	532351	1083267	0.45%	0.225%

Sum of corrected areas: 481209255

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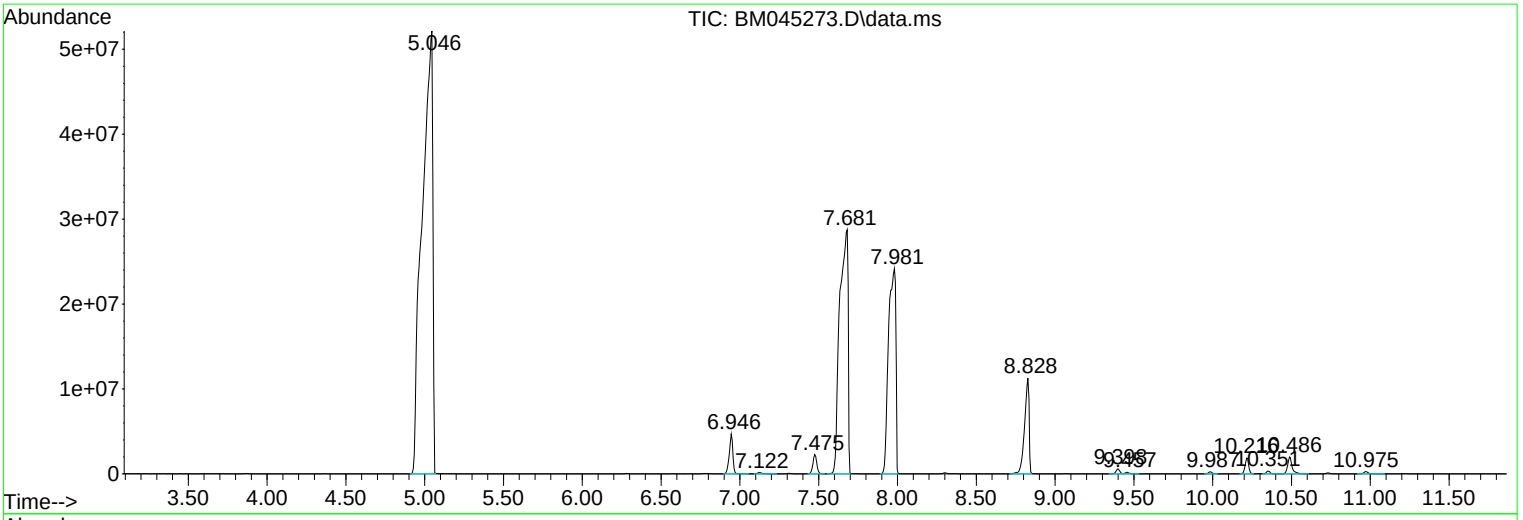
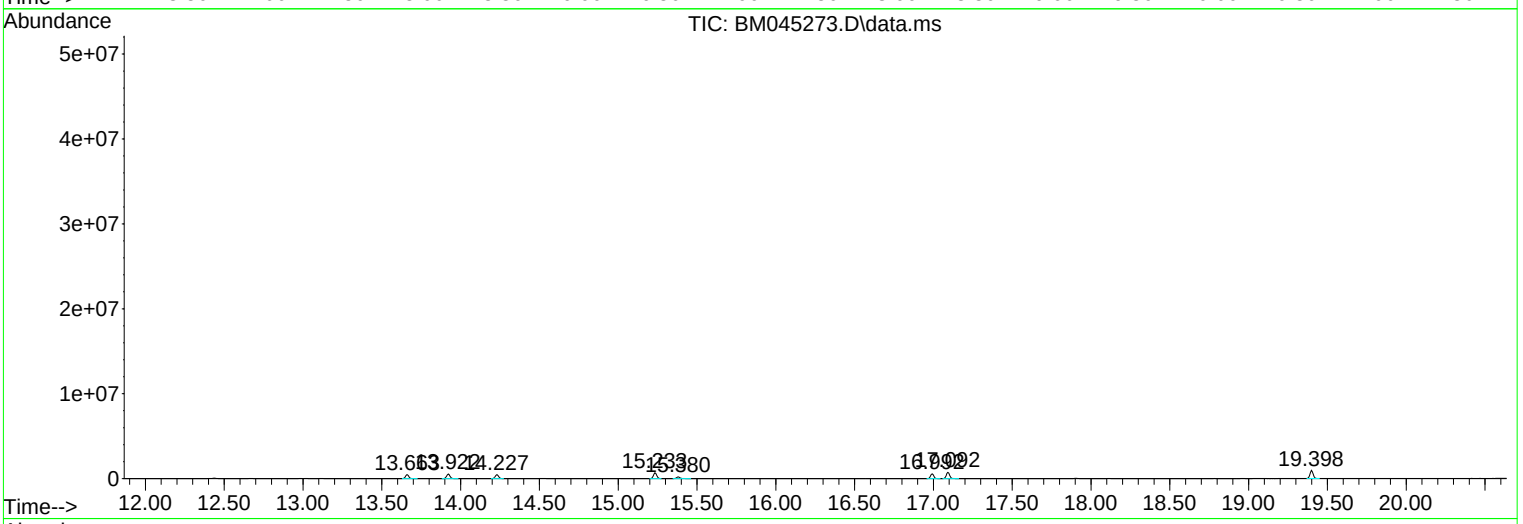
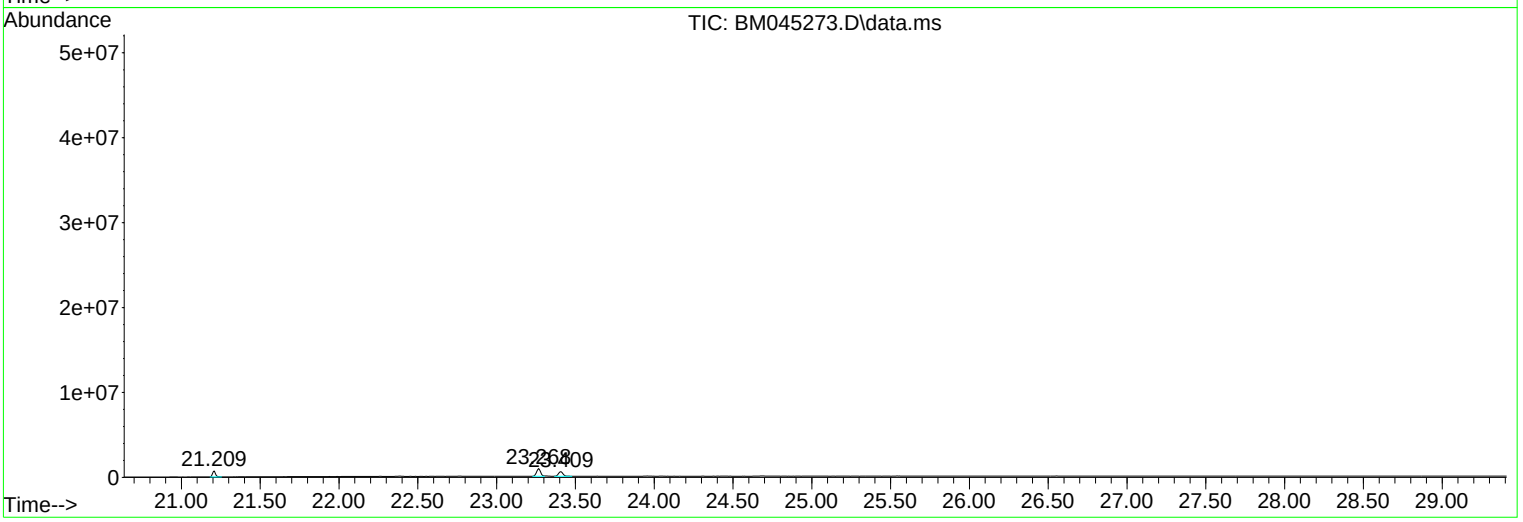
BNA_M
ClientSampleId :
MC0R51

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

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







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Acq On : 16 Apr 2024 09:33
Operator : MA/JU
Sample : P2051-08
Misc :
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Instrument :
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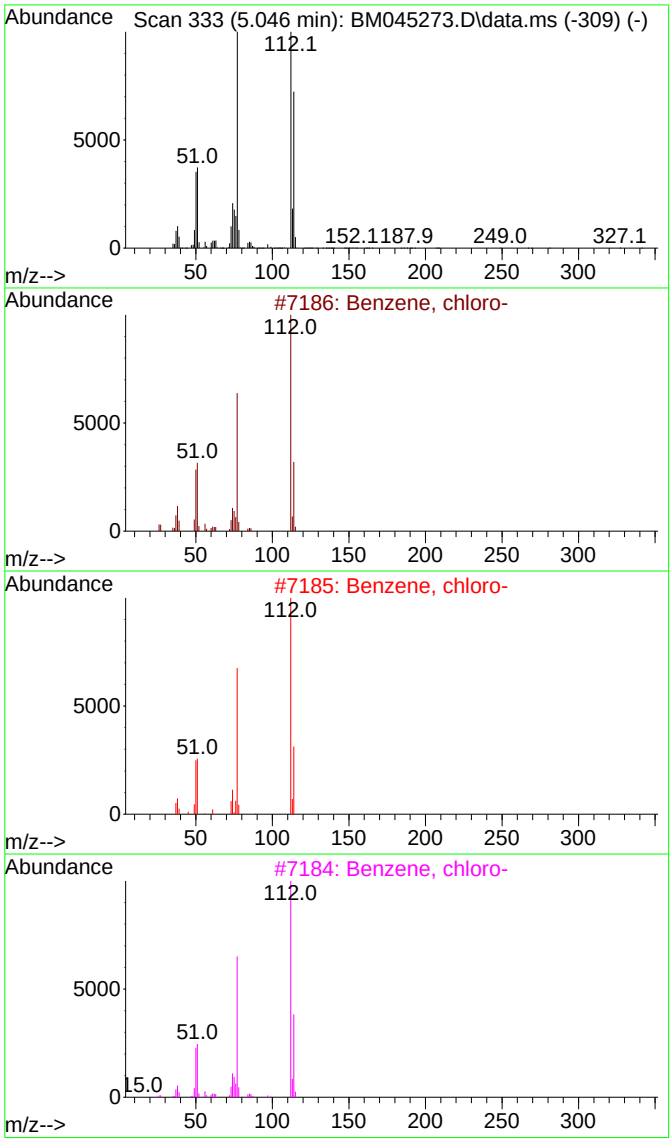
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

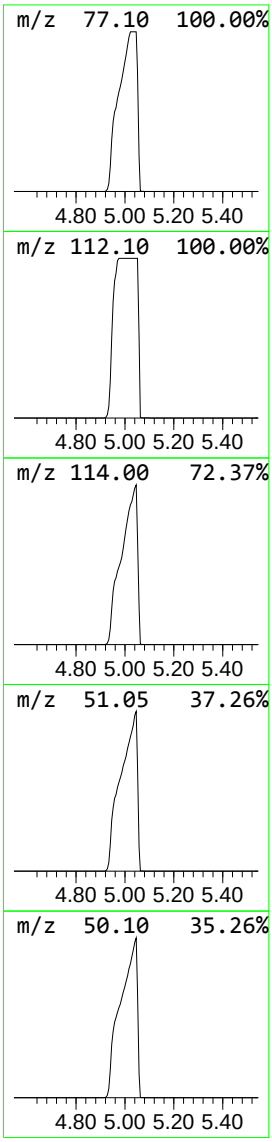
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.046	45.61 ng/ul	242649000	1,4-Dichlorobenzene-d4	7.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	93
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	72
5	Benzene, chloro-	112	C6H5Cl	000108-90-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045273.D
Acq On : 16 Apr 2024 09:33
Operator : MA/JU
Sample : P2051-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MC0R51

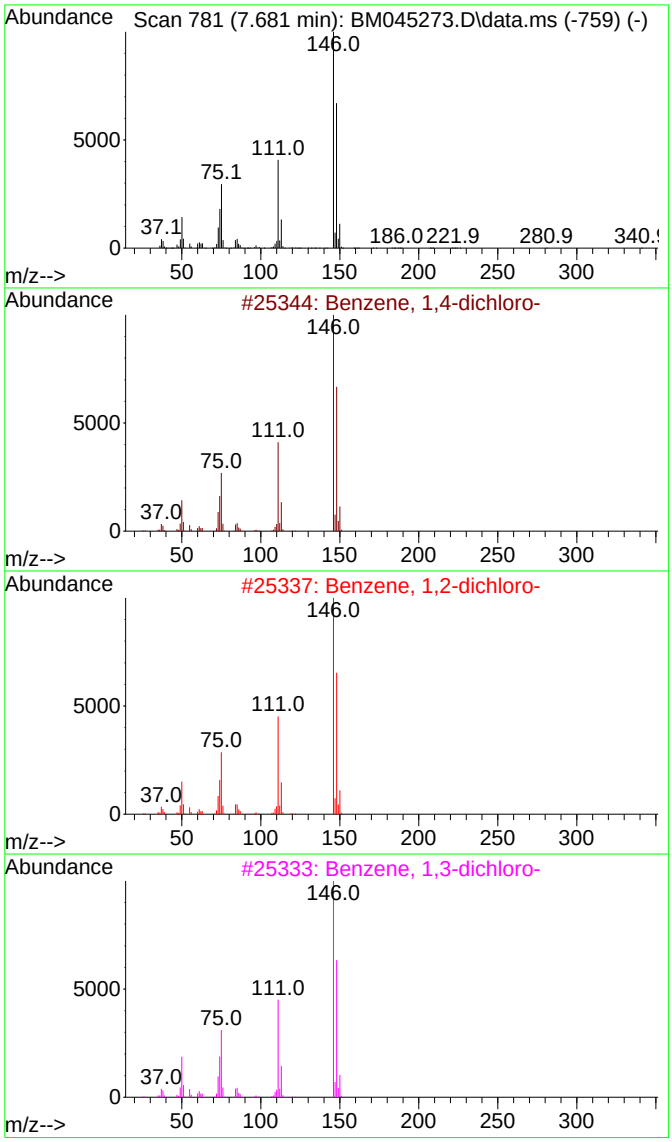
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

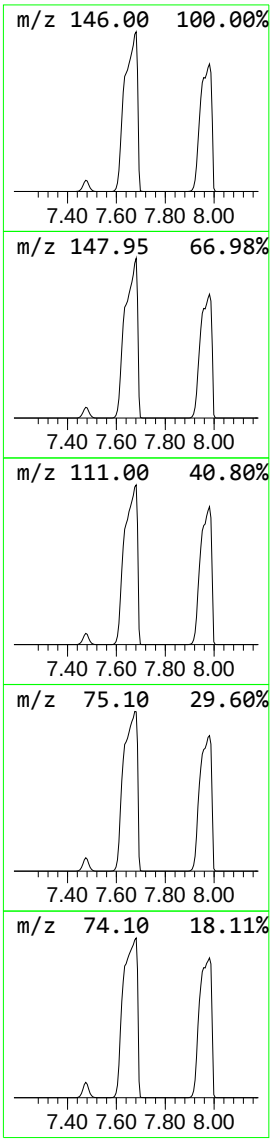
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.681	20.00 ng/ul	106404000	1,4-Dichlorobenzene-d4	7.622

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045273.D
Acq On : 16 Apr 2024 09:33
Operator : MA/JU
Sample : P2051-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MC0R51

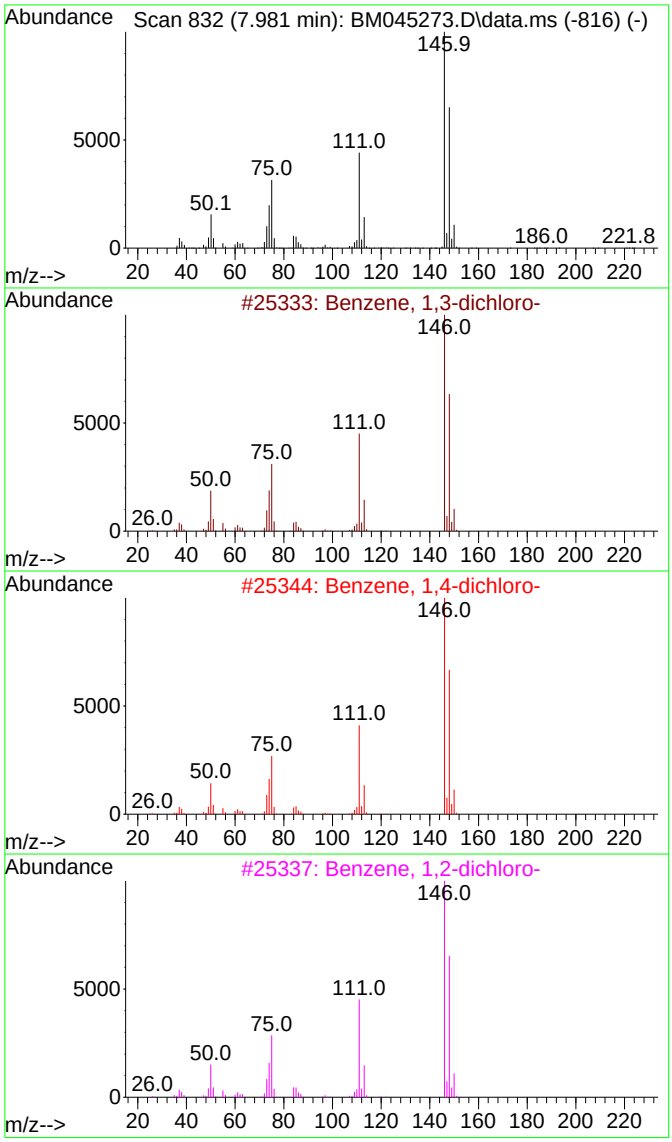
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

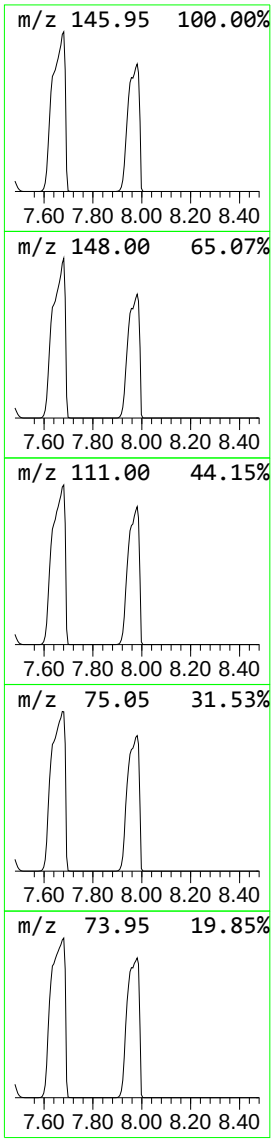
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.981	14.73 ng/ul	78363200	1,4-Dichlorobenzene-d4	7.622

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, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045273.D
Acq On : 16 Apr 2024 09:33
Operator : MA/JU
Sample : P2051-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MC0R51

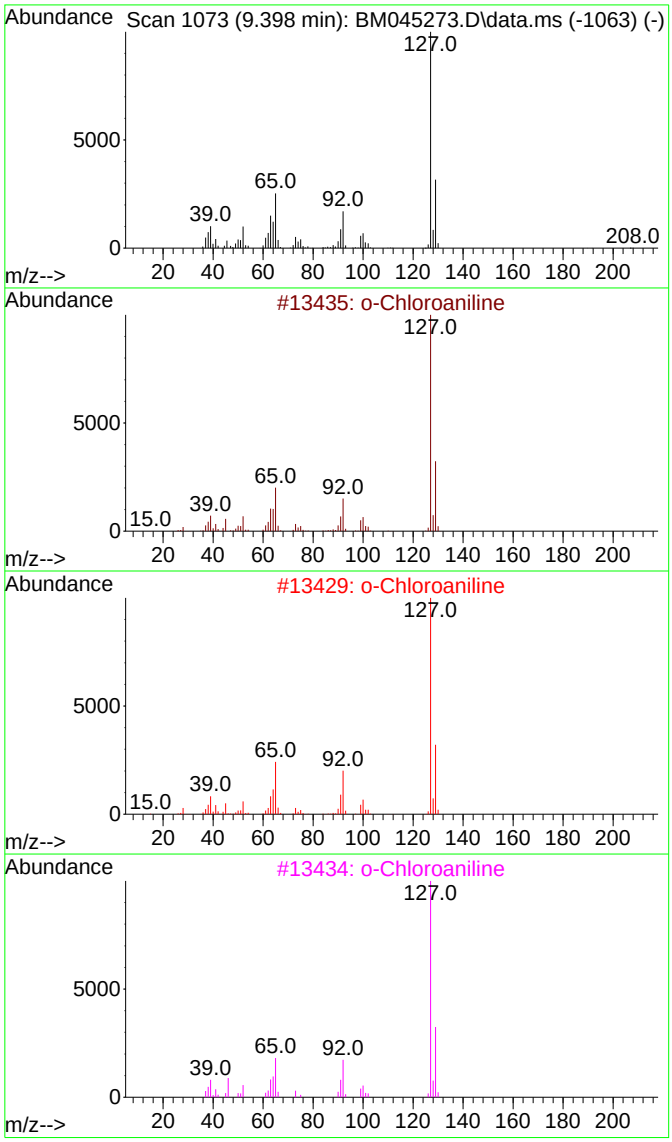
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

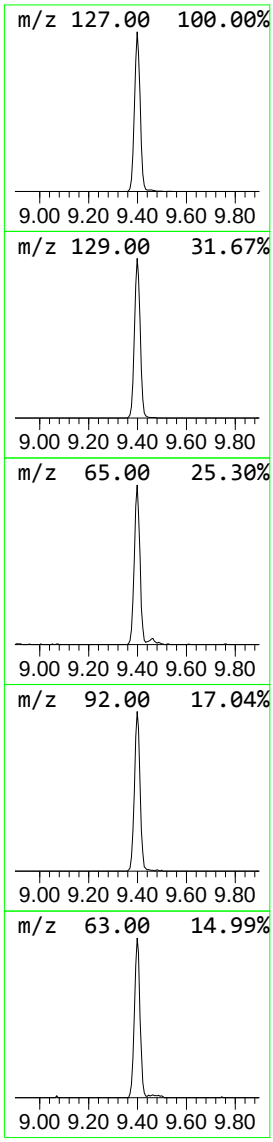
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 o-Chloroaniline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	35.03 ng/ul	977922	Naphthalene-d8	10.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Chloroaniline	127	C6H6ClN	000095-51-2	96
2	o-Chloroaniline	127	C6H6ClN	000095-51-2	96
3	o-Chloroaniline	127	C6H6ClN	000095-51-2	95
4	m-Chloroaniline	127	C6H6ClN	000108-42-9	95
5	m-Chloroaniline	127	C6H6ClN	000108-42-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045273.D
Acq On : 16 Apr 2024 09:33
Operator : MA/JU
Sample : P2051-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MC0R51

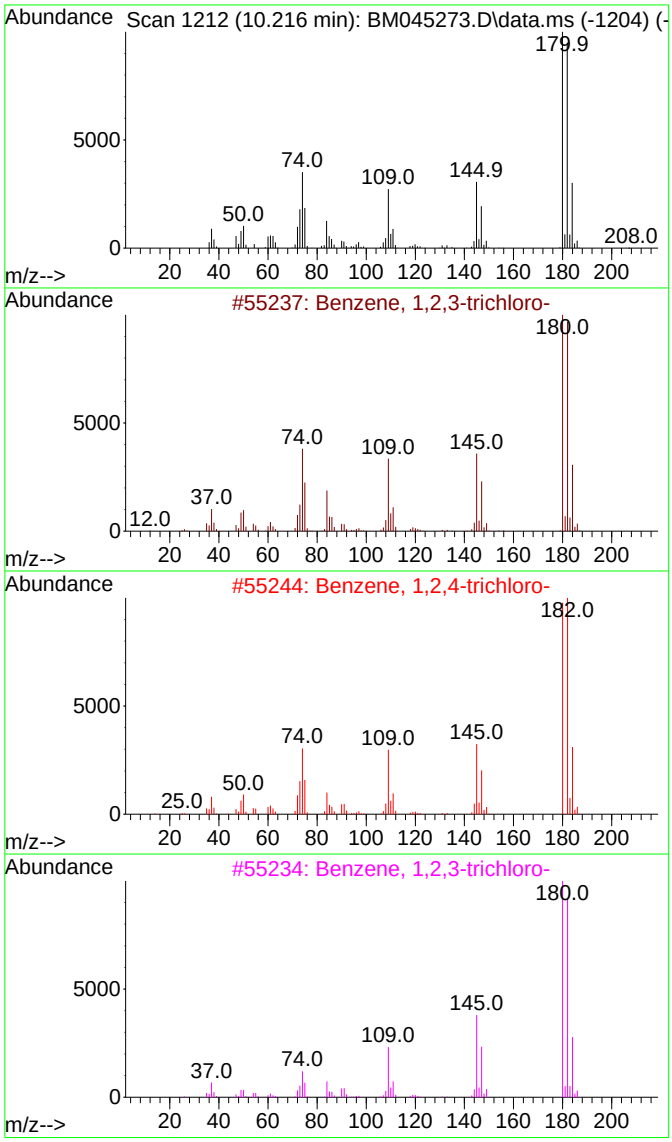
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION

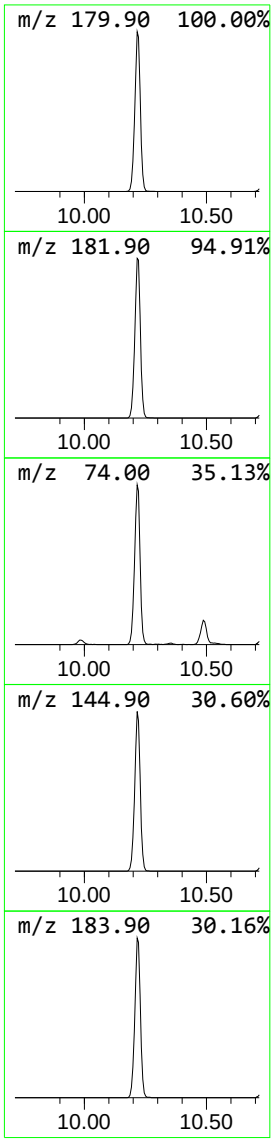
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.216	104.76 ng/ul	2924400	Naphthalene-d8	10.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





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Quant Title : SVOA CALIBRATION

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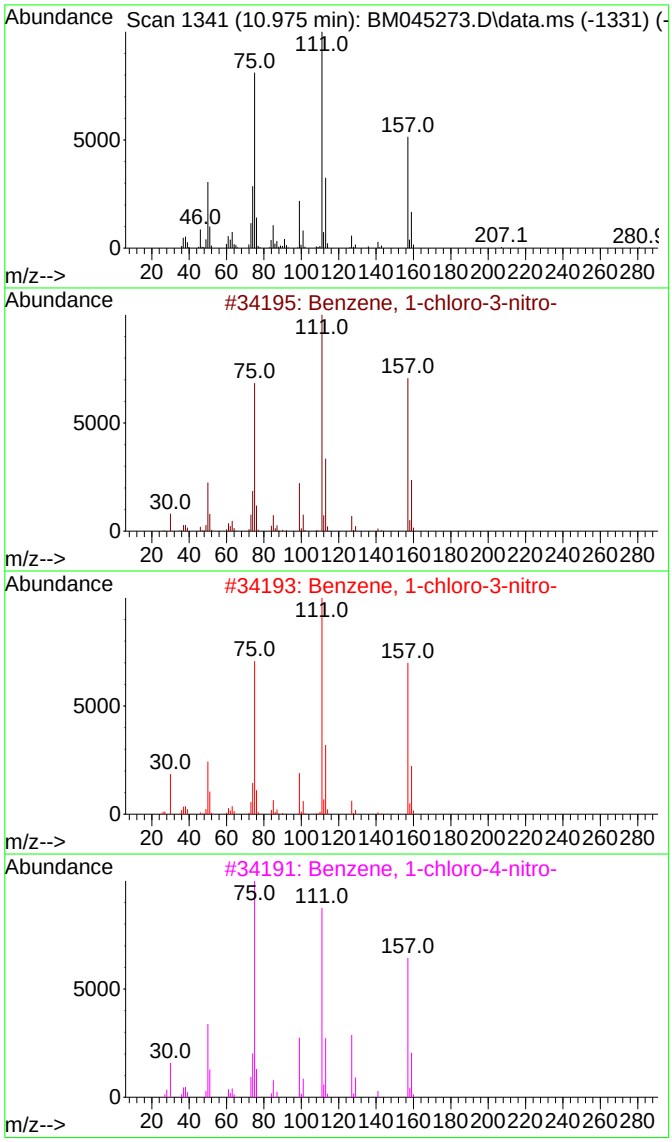
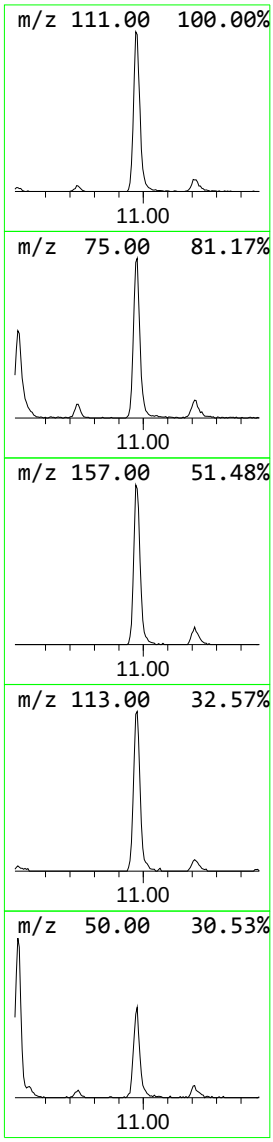
****
Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.975	18.73 ng/ul	522875	Naphthalene-d8	10.351

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	94
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	93
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.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, chloro-	5.046	45.6	ng/ul	242649000	1	7.622	106404000	20.0
Benzene, 1,4-di...	7.681	20.0	ng/ul	106404000	1	7.622	106404000	20.0
Benzene, 1,3-di...	7.981	14.7	ng/ul	78363200	1	7.622	106404000	20.0
o-Chloroaniline	9.398	35.0	ng/ul	977922	2	10.351	558318	20.0
Benzene, 1,2,3-...	10.216	104.8	ng/ul	2924400	2	10.351	558318	20.0
Benzene, 1-chlo...	10.975	18.7	ng/ul	522875	2	10.351	558318	20.0