LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033369.D
Acq On : 09 Dec 2021 22:12
Operator : CG/JU
Sample : M4960-11DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGKS4DL

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-BM120921.M
Title : SVOA CALIBRATION

Signal : TIC: BM033369.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.102	143	147	153	rVB	168350	226797	0.18%	0.148%
2	5.549	387	393	405	rVB	148096	308812	0.24%	0.201%
3	5.919	448	456	461	rBV	84452	140231	0.11%	0.091%
4	6.590	562	570	578	rVB	168023	270558	0.21%	0.176%
5	7.243	673	681	687	rBV	151424	265086	0.21%	0.172%
6	7.907	788	794	800	rBV	190030	302343	0.24%	0.197%
7	8.807	940	947	959	rBV	406842	885914	0.70%	0.576%
8	9.737	1098	1105	1116	rVB	260719	450801	0.35%	0.293%
9	10.054	1149	1159	1165	rBV3	64548	165928	0.13%	0.108%
10	10.701	1263	1269	1274	rBV	250974	428757	0.34%	0.279%
11	10.754	1274	1278	1285	rVB	155079	253847	0.20%	0.165%
12	10.984	1285	1317	1321	rBV	25390001	127232710	100.00%	82.754%
13	12.178	1514	1520	1525	rBV	127697	209214	0.16%	0.136%
14	12.260	1525	1534	1547	rVV	7950666	12830979	10.08%	8.345%
15	12.978	1650	1656	1664	rVB	138572	226030	0.18%	0.147%
16	13.783	1787	1793	1800	rVV	109676	178008	0.14%	0.116%
17	13.883	1800	1810	1816	rVV	94371	172633	0.14%	0.112%
18	14.530	1914	1920	1929	rBV	409238	647592	0.51%	0.421%
19	14.707	1942	1950	1956	rBV	94359	149686	0.12%	0.097%
20	15.342	2041	2058	2067	rBV	3012701	5619107	4.42%	3.655%
21	15.524	2084	2089	2096	rBV2	115862	174856	0.14%	0.114%
22	17.271	2380	2386	2398	rVB	501379	744156	0.58%	0.484%
23	19.654	2785	2791	2799	rBV2	91388	147061	0.12%	0.096%
24	21.430	3089	3093	3100	rVV	605764	795075	0.62%	0.517%
25	23.612	3460	3464	3470	rVB2	93451	166731	0.13%	0.108%
26	23.753	3482	3488	3498	rVB2	374766	755383	0.59%	0.491%

Sum of corrected areas: 153748295

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Instrument :
BNA_M
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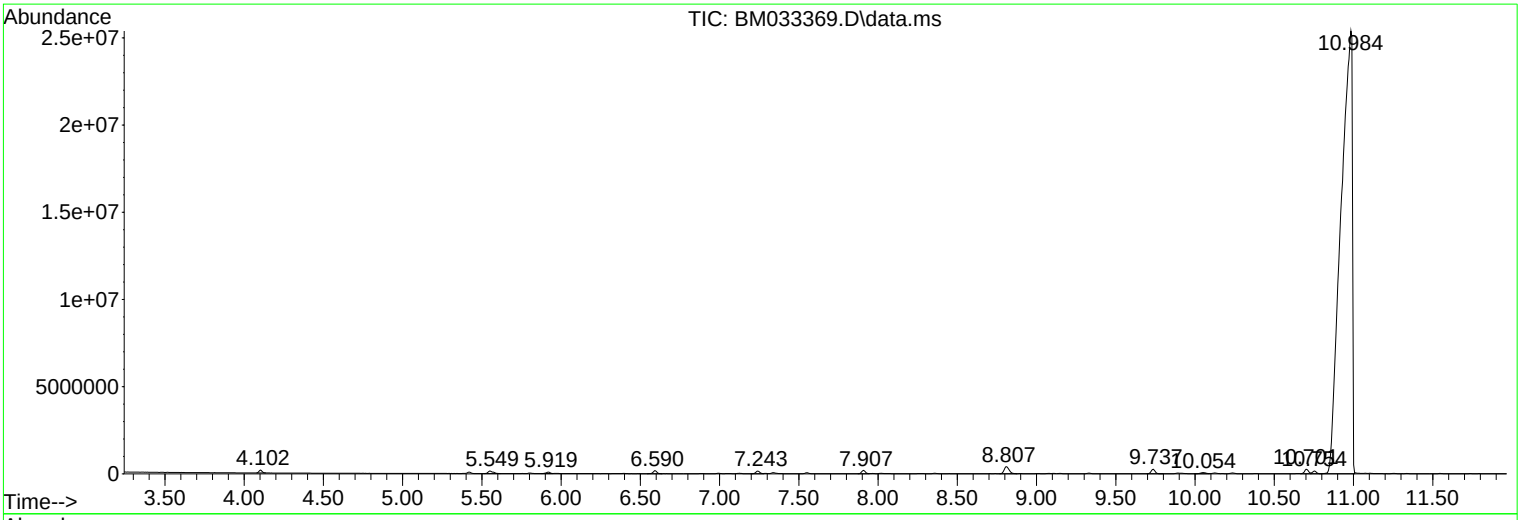
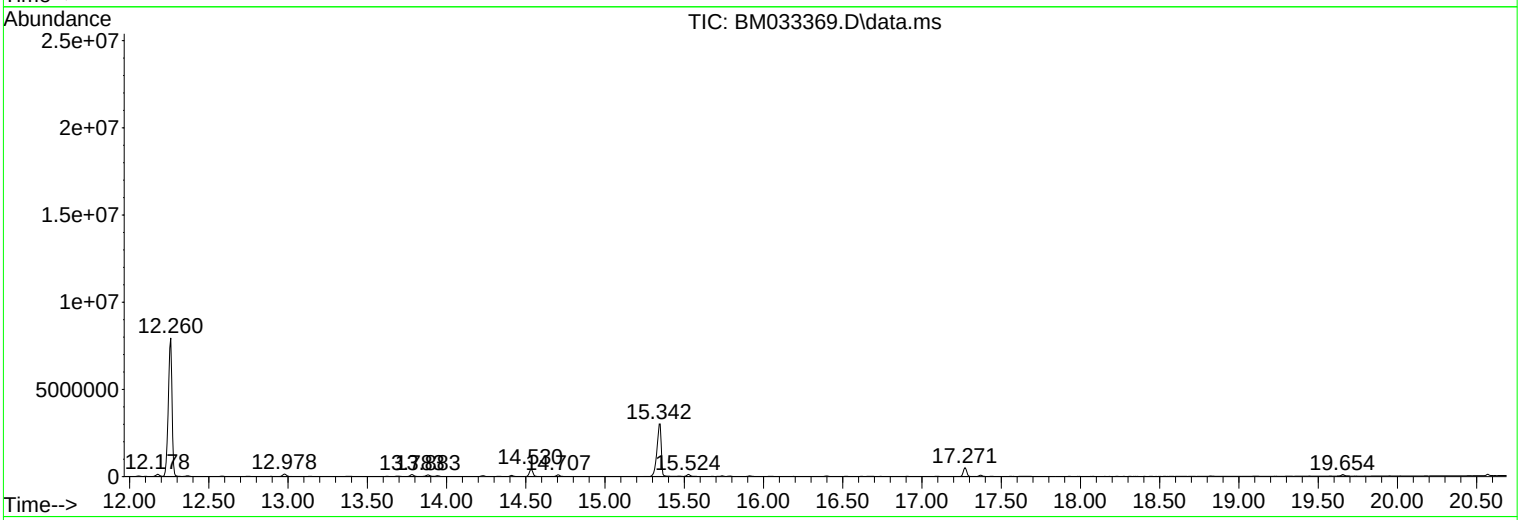
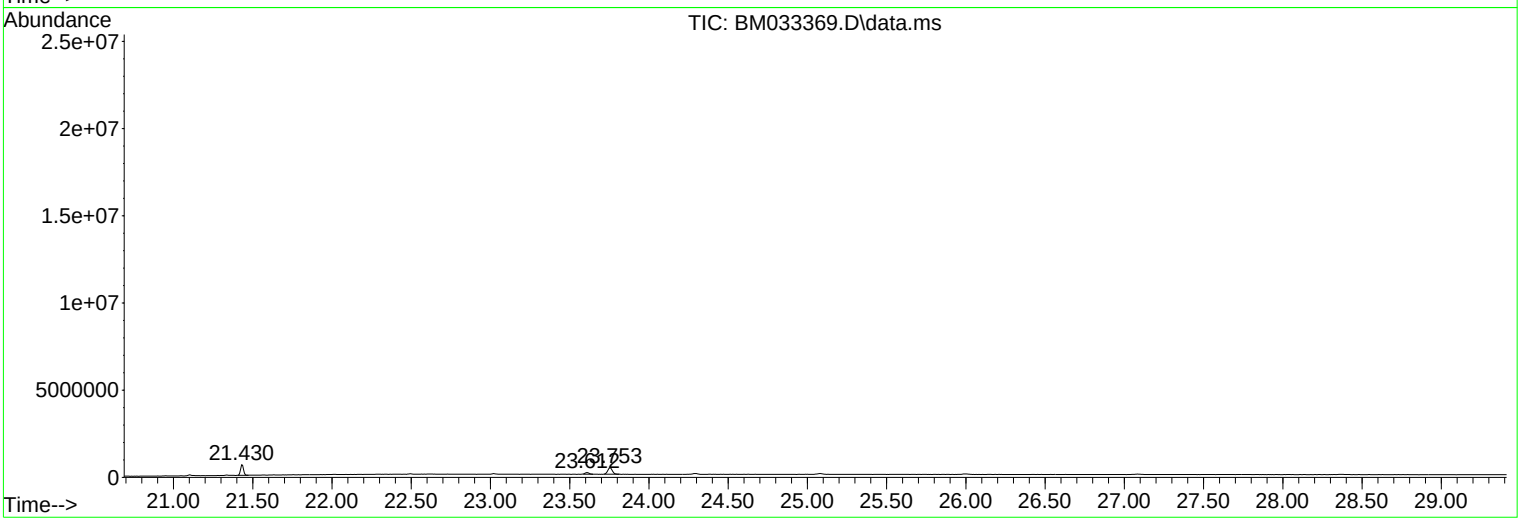
BGKS4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

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







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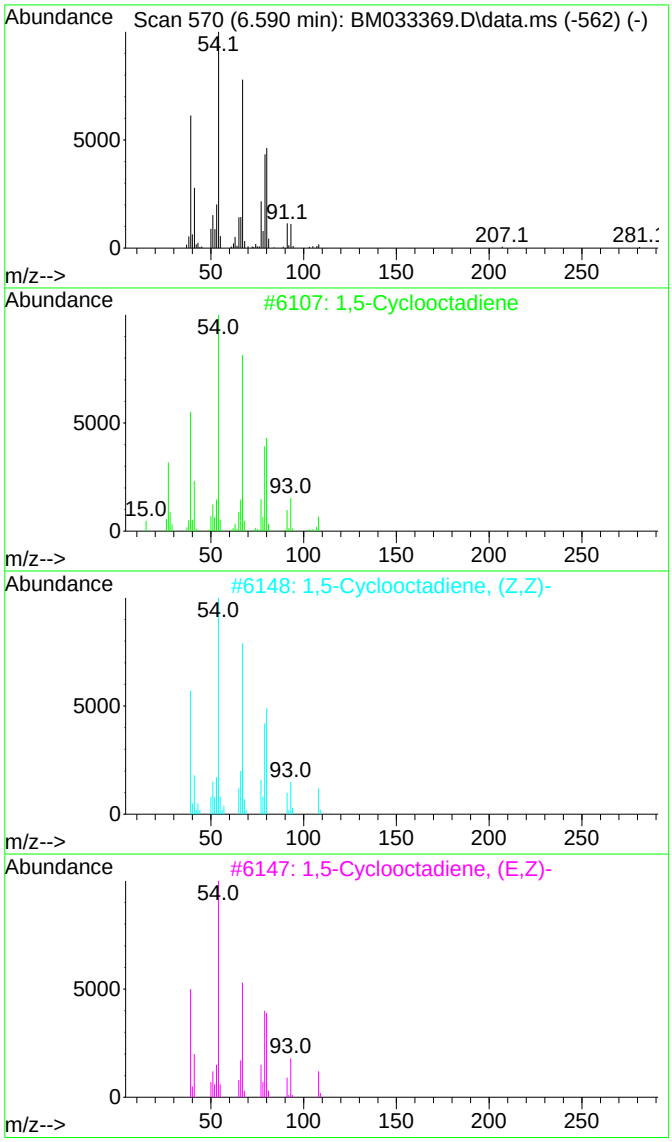
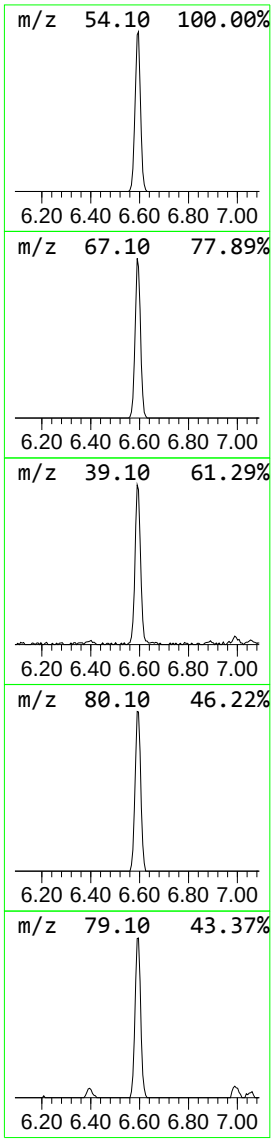
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,5-Cyclooctadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.590	17.90 ng/ul	270558	1,4-Dichlorobenzene-d4	7.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclooctadiene	108	C8H12	000111-78-4	90
2	1,5-Cyclooctadiene, (Z,Z)-	108	C8H12	001552-12-1	90
3	1,5-Cyclooctadiene, (E,Z)-	108	C8H12	005259-71-2	83
4	2H-Pyran, 2,5-diethenyltetrahydro-	138	C9H14O	025724-33-8	72
5	1,3-Octadiene	110	C8H14	001002-33-1	59





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Data File : BM033369.D
Acq On : 09 Dec 2021 22:12
Operator : CG/JU
Sample : M4960-11DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGKS4DL

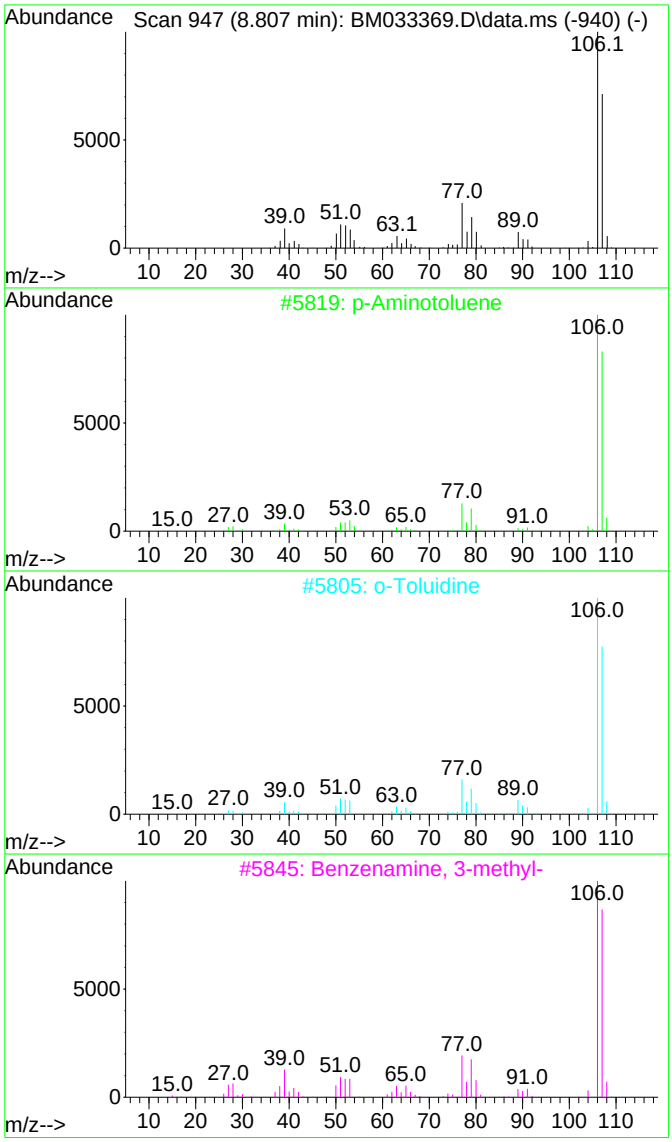
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

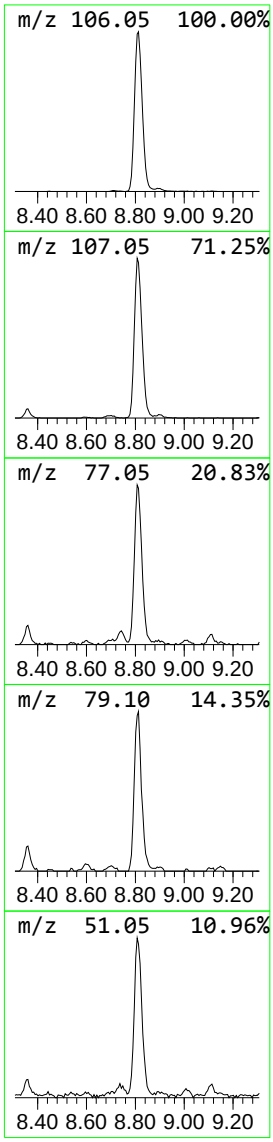
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 p-Aminotoluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.807	58.60 ng/ul	885914	1,4-Dichlorobenzene-d4	7.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Aminotoluene	107	C7H9N	000106-49-0	95
2	o-Toluidine	107	C7H9N	000095-53-4	95
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	93
5	p-Aminotoluene	107	C7H9N	000106-49-0	91





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Acq On : 09 Dec 2021 22:12
Operator : CG/JU
Sample : M4960-11DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGKS4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

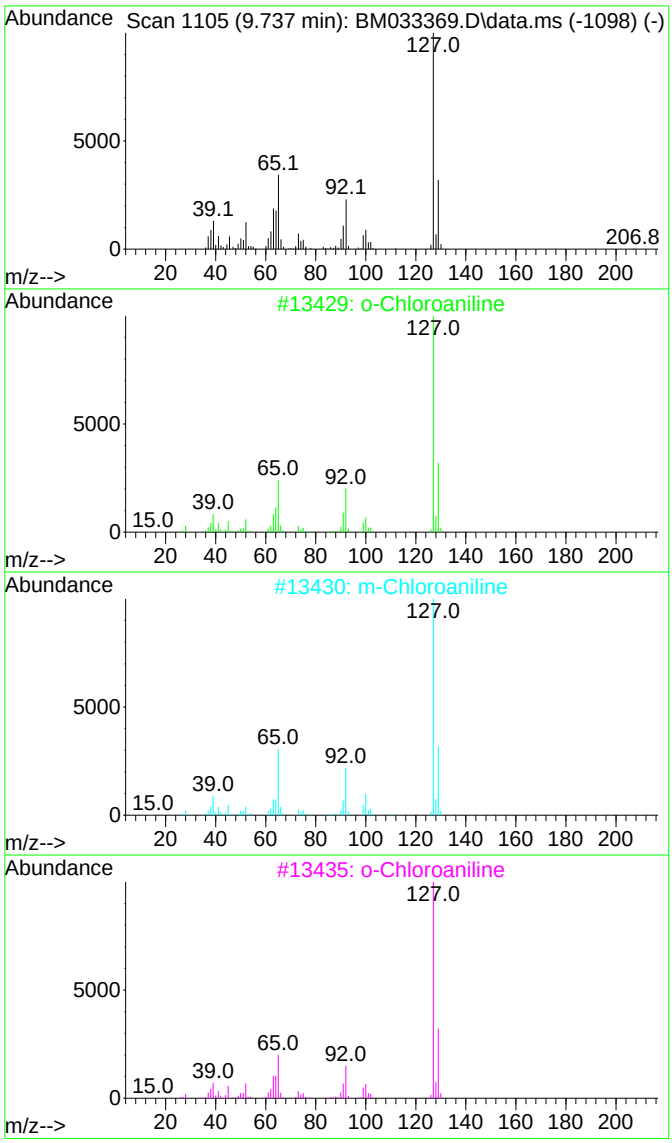
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

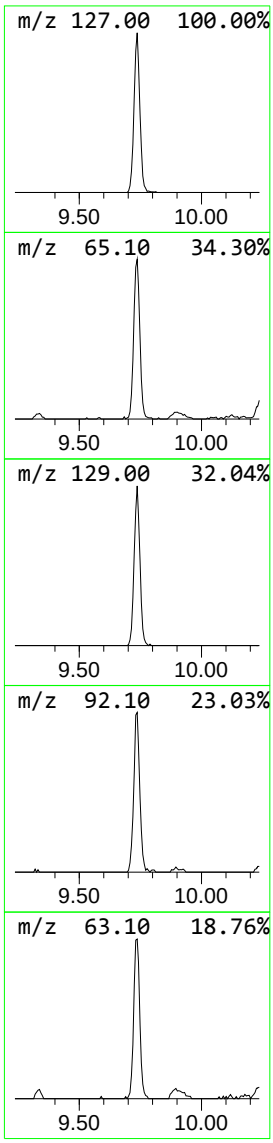
****

Peak Number 6 o-Chloroaniline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.737	21.03 ng/ul	450801	Naphthalene-d8	10.701

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





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Operator : CG/JU
Sample : M4960-11DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGKS4DL

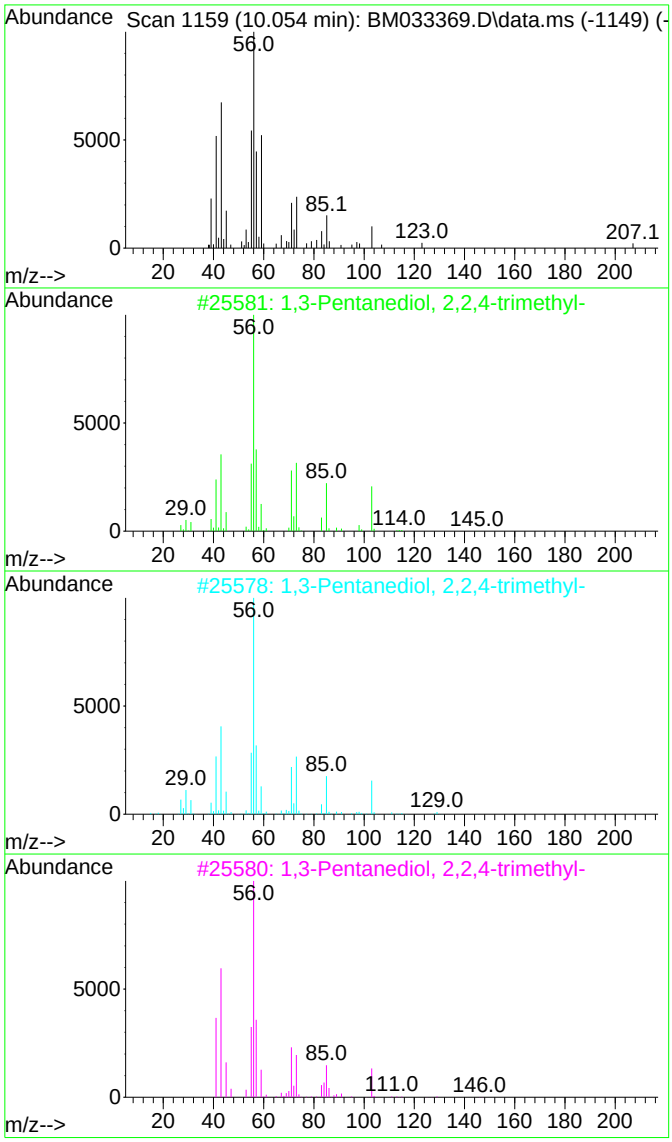
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

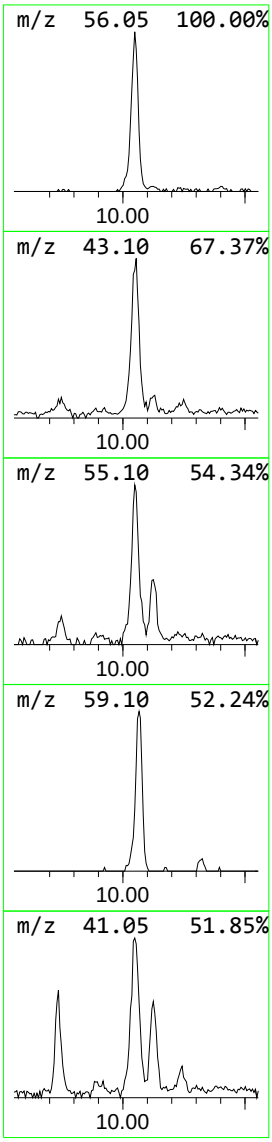
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.054	7.74 ng/ul	165928	Naphthalene-d8	10.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	64
2	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	59
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	53
4	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	53
5	5-Methyl-5-hexen-3-ol	114	C7H14O	067760-89-8	52





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Sample : M4960-11DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGKS4DL

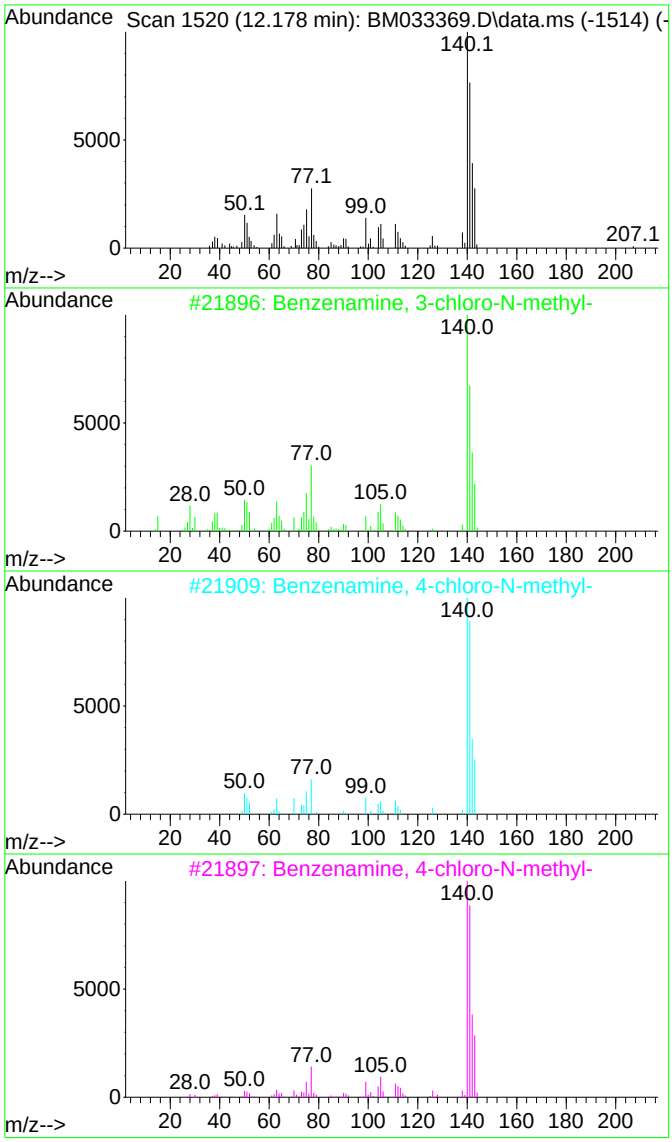
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

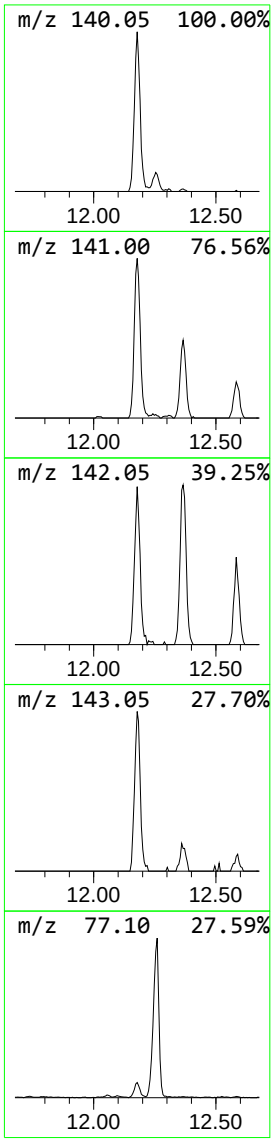
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzenamine, 3-chloro-N-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.178	9.76 ng/ul	209214	Naphthalene-d8	10.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-chloro-N-methyl-	141	C7H8ClN	007006-52-2	96
2	Benzenamine, 4-chloro-N-methyl-	141	C7H8ClN	000932-96-7	95
3	Benzenamine, 4-chloro-N-methyl-	141	C7H8ClN	000932-96-7	93
4	Benzenamine, 3-chloro-N-methyl-	141	C7H8ClN	007006-52-2	87
5	Benzenamine, 2-chloro-N-methyl-	141	C7H8ClN	000932-32-1	81





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Quant Title : SVOA CALIBRATION

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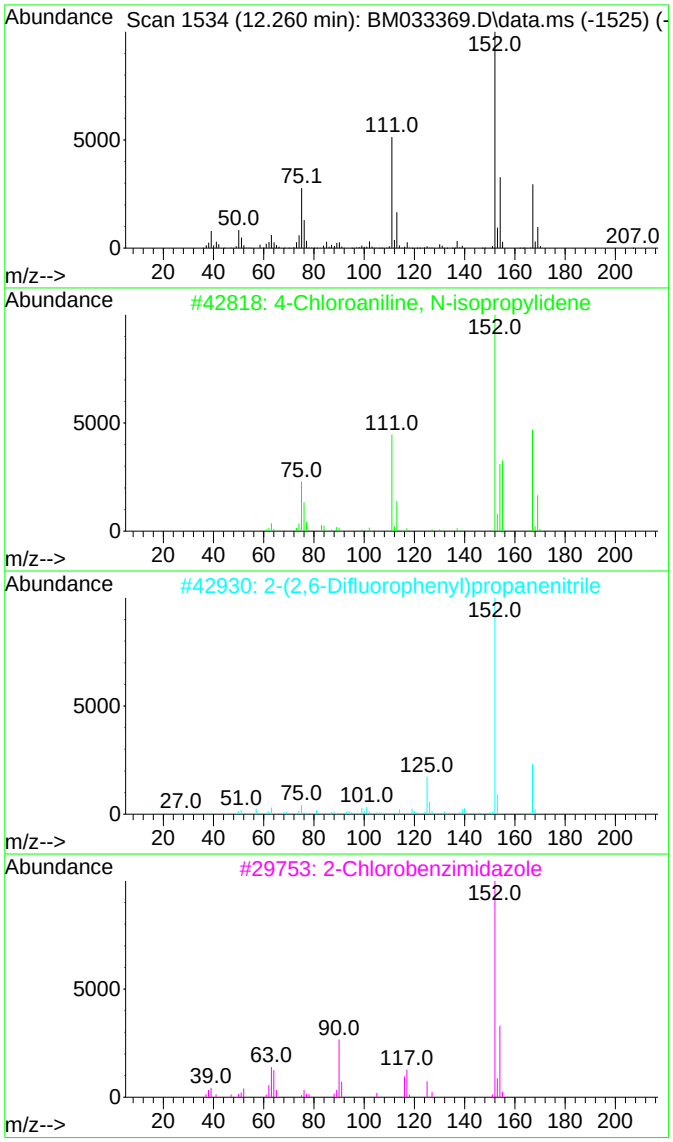
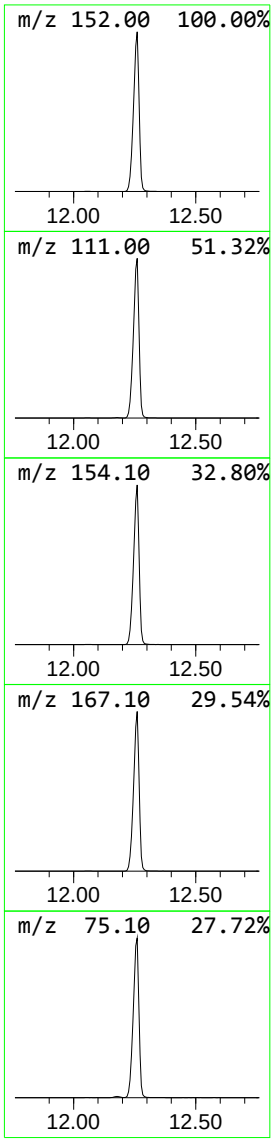
****
Peak Number 9 4-Chloroaniline, N-isopropy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.260	598.52 ng/ul	12831000	Naphthalene-d8	10.701

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloroaniline, N-isopropylidene	167	C9H10ClN	040938-43-0	94
2	2-(2,6-Difluorophenyl)propanenit...	167	C9H7F2N	149680-18-2	38
3	2-Chlorobenzimidazole	152	C7H5ClN2	004857-06-1	38
4	3-Pyridinol, TMS derivative	167	C8H13NOSi	041571-88-4	38
5	Benzonitrile, 2-amino-5-chloro-	152	C7H5ClN2	005922-60-1	38





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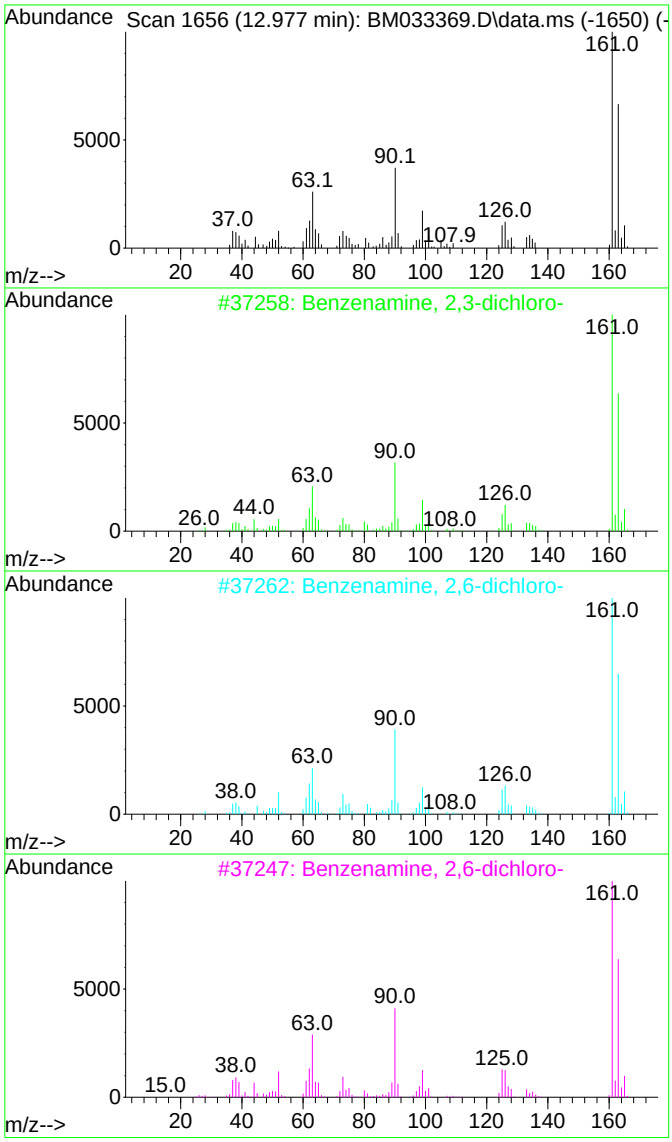
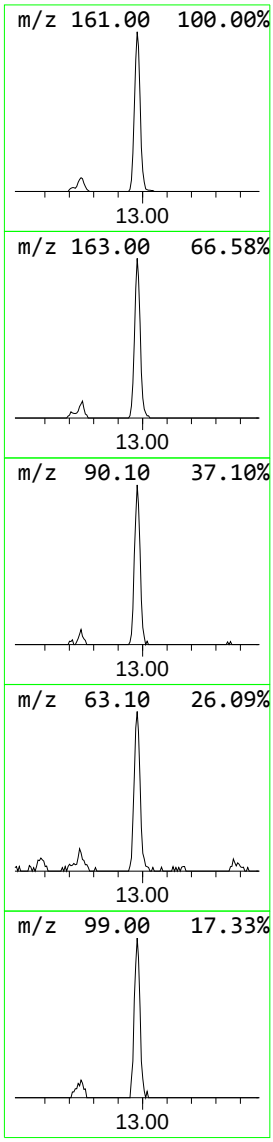
****
Peak Number 10 Benzenamine, 2,3-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	6.98 ng/ul	226030	Acenaphthene-d10	14.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,3-dichloro-	161	C6H5Cl2N	000608-27-5	98
2	Benzenamine, 2,6-dichloro-	161	C6H5Cl2N	000608-31-1	97
3	Benzenamine, 2,6-dichloro-	161	C6H5Cl2N	000608-31-1	97
4	Benzenamine, 2,4-dichloro-	161	C6H5Cl2N	000554-00-7	97
5	Benzenamine, 2,4-dichloro-	161	C6H5Cl2N	000554-00-7	97





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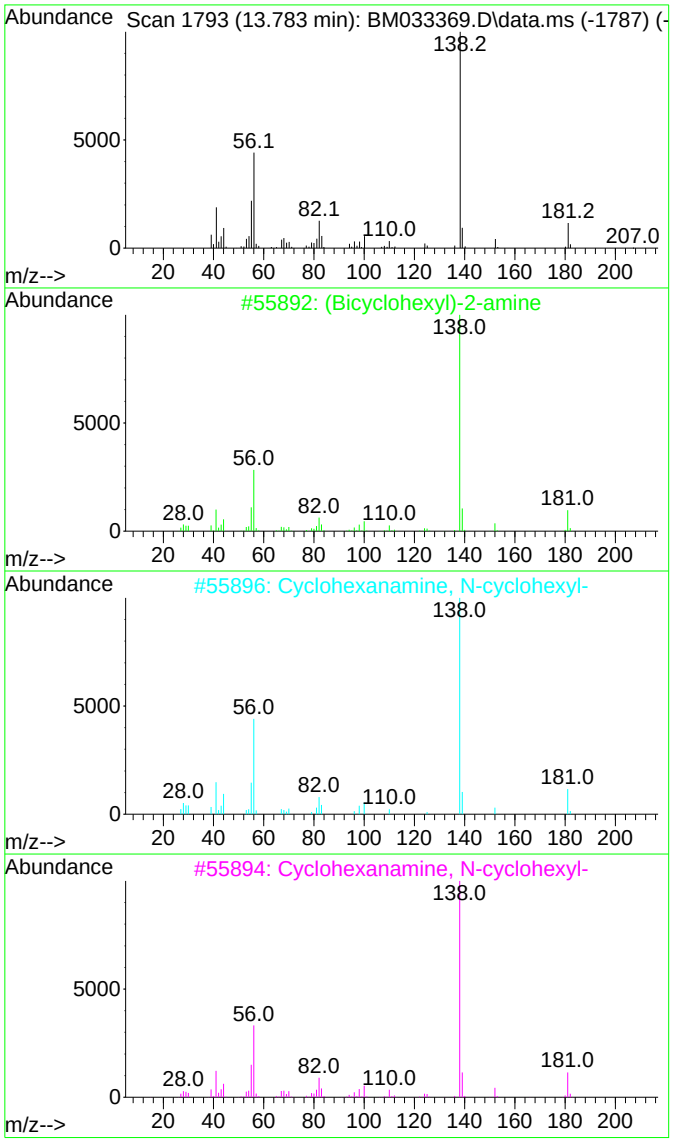
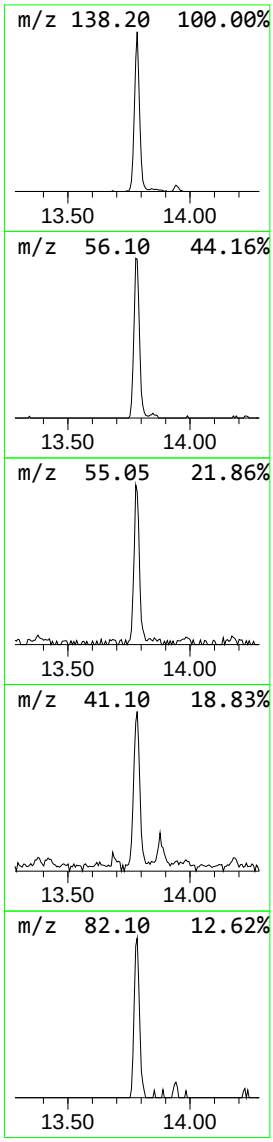
****

Peak Number 11 (Bicyclohexyl)-2-amine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.783	5.50 ng/ul	178008	Acenaphthene-d10	14.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	95
2	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	94
3	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	94
4	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	91
5	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	87





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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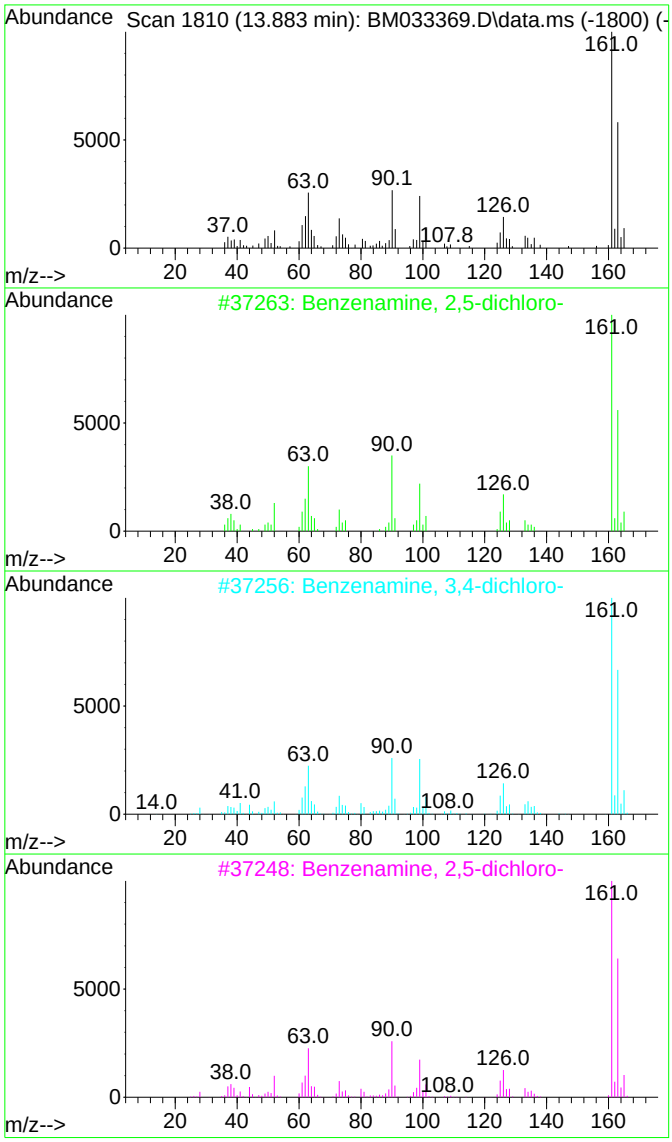
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

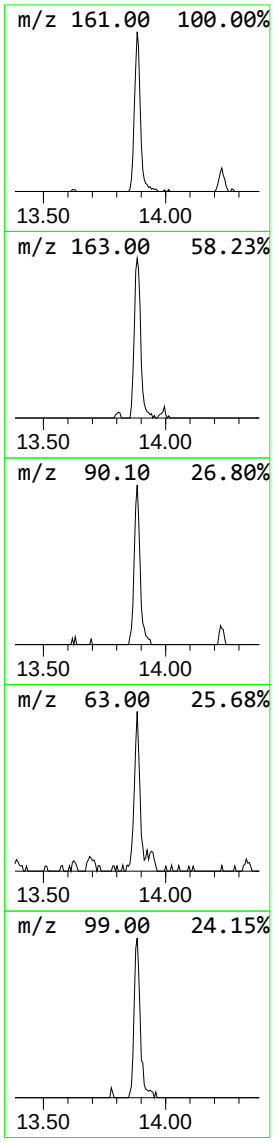
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzenamine, 2,5-dichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.883	5.33 ng/ul	172633	Acenaphthene-d10	14.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	98
2	Benzenamine, 3,4-dichloro-	161	C6H5Cl2N	000095-76-1	98
3	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	96
4	Benzenamine, 2,3-dichloro-	161	C6H5Cl2N	000608-27-5	96
5	Benzenamine, 3,4-dichloro-	161	C6H5Cl2N	000095-76-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033369.D
Acq On : 09 Dec 2021 22:12
Operator : CG/JU
Sample : M4960-11DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGKS4DL

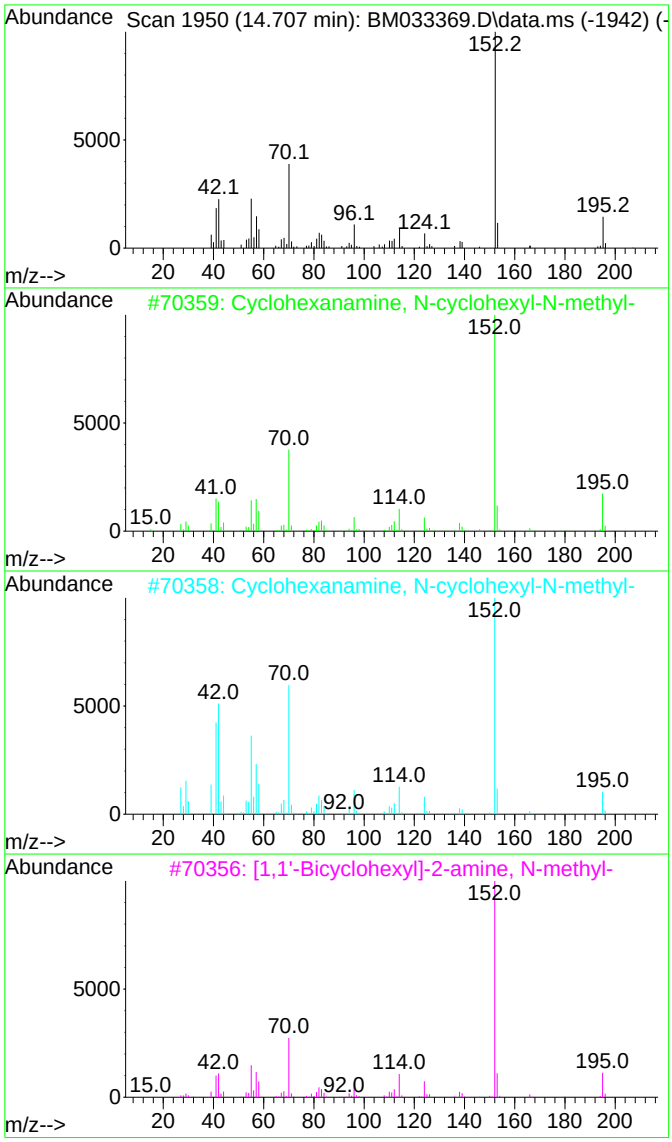
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION

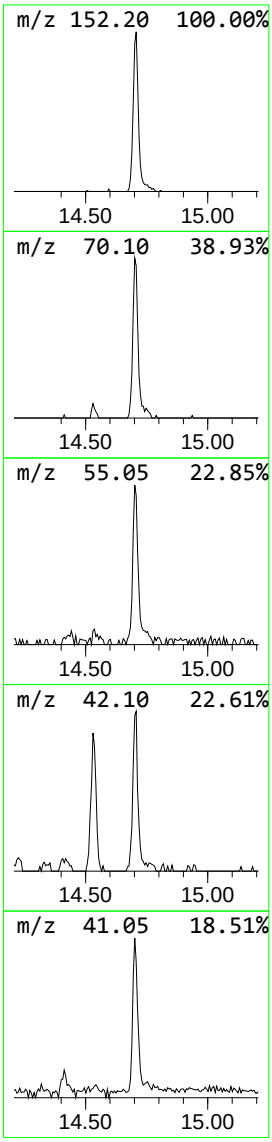
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexanamine, N-cyclohex... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.707	4.62 ng/ul	149686	Acenaphthene-d10	14.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-N-...	195	C13H25N	007560-83-0	97
2	Cyclohexanamine, N-cyclohexyl-N-...	195	C13H25N	007560-83-0	94
3	[1,1'-Bicyclohexyl]-2-amine, N-m...	195	C13H25N	1010452-63-0	90
4	Cyclohexanamine, N-cyclohexyl-N-...	195	C13H25N	007560-83-0	80
5	(1H)Imidazol-4-amine, 2,5-diisob...	195	C11H21N3	1000196-17-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033369.D
Acq On : 09 Dec 2021 22:12
Operator : CG/JU
Sample : M4960-11DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGKS4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.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
1,5-Cyclooctadiene	6.590	17.9	ng/ul	270558	1	7.907	302343	20.0
p-Aminotoluene	8.807	58.6	ng/ul	885914	1	7.907	302343	20.0
o-Chloroaniline	9.737	21.0	ng/ul	450801	2	10.701	428757	20.0
1,3-Pentanediol...	10.054	7.7	ng/ul	165928	2	10.701	428757	20.0
Benzenamine, 3-...	12.178	9.8	ng/ul	209214	2	10.701	428757	20.0
4-Chloroaniline...	12.260	598.5	ng/ul	12831000	2	10.701	428757	20.0
Benzenamine, 2,...	12.977	7.0	ng/ul	226030	3	14.530	647592	20.0
(Bicyclohexyl)-...	13.783	5.5	ng/ul	178008	3	14.530	647592	20.0
Benzenamine, 2,...	13.883	5.3	ng/ul	172633	3	14.530	647592	20.0
Cyclohexanamine...	14.707	4.6	ng/ul	149686	3	14.530	647592	20.0