LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025839.D
Acq On : 27 Mar 2020 15:51
Operator : CG/JU
Sample : L2005-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE9

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\SOM-EPA-BM031420MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	340	357	371	rBV7	67624187	548341580	100.00%	30.849%
2	6.275	567	576	585	rBV	382509	618017	0.11%	0.035%
3	6.946	679	690	702	rBV	324307	1041009	0.19%	0.059%
4	7.122	712	720	739	rVB2	507962	1680983	0.31%	0.095%
5	7.487	770	782	797	rBV	13485897	66618840	12.15%	3.748%
6	7.687	797	816	825	rBV10	72352759	524602780	95.67%	29.513%
7	8.034	852	875	882	rBV7	72360907	502099973	91.57%	28.247%
8	8.287	912	918	929	rVB	531180	835441	0.15%	0.047%
9	8.722	985	992	996	rBV	868068	1379034	0.25%	0.078%
10	9.051	1042	1048	1056	rBV	484008	749577	0.14%	0.042%
11	9.381	1095	1104	1109	rBV	3229215	5381303	0.98%	0.303%
12	9.434	1109	1113	1121	rVB	717587	1099702	0.20%	0.062%
13	9.963	1197	1203	1210	rBV	1017107	1694954	0.31%	0.095%
14	10.028	1210	1214	1223	rVB	405348	672009	0.12%	0.038%
15	10.122	1223	1230	1237	rBV	631413	1144129	0.21%	0.064%
16	10.228	1237	1248	1258	rBV	32828219	58840763	10.73%	3.310%
17	10.339	1261	1267	1274	rVB	844510	1321957	0.24%	0.074%
18	10.451	1278	1286	1292	rBV	4693136	7715862	1.41%	0.434%
19	10.728	1324	1333	1340	rBV	8152849	13308635	2.43%	0.749%
20	10.928	1360	1367	1377	rBV	473075	759044	0.14%	0.043%
21	12.386	1607	1615	1623	rVB2	794989	1237375	0.23%	0.070%
22	12.622	1646	1655	1662	rVB2	316658	563534	0.10%	0.032%
23	13.622	1817	1825	1830	rBV	1822457	2475453	0.45%	0.139%
24	13.892	1865	1871	1878	rVB	2236571	3128164	0.57%	0.176%
25	14.204	1918	1924	1931	rVB	1246266	1769480	0.32%	0.100%
26	15.198	2087	2093	2106	rVB	2685547	3874608	0.71%	0.218%
27	15.321	2109	2114	2124	rBV	826890	1131680	0.21%	0.064%
28	16.951	2384	2391	2398	rVB	1511396	2105932	0.38%	0.118%
29	17.051	2401	2408	2415	rBV	3040133	4274295	0.78%	0.240%
30	19.345	2790	2798	2805	rBV	3836333	5148618	0.94%	0.290%
31	21.139	3098	3103	3114	rBV	2106851	2606038	0.48%	0.147%
32	23.156	3439	3446	3453	rBV	3613931	5847474	1.07%	0.329%
33	23.292	3462	3469	3480	rVB	1570132	2805252	0.51%	0.158%
34	25.580	3852	3858	3867	rVB2	275106	649134	0.12%	0.037%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025839.D
Acq On : 27 Mar 2020 15:51
Operator : CG/JU
Sample : L2005-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0DE9

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\SOM-EPA-BM031420MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 1777522629

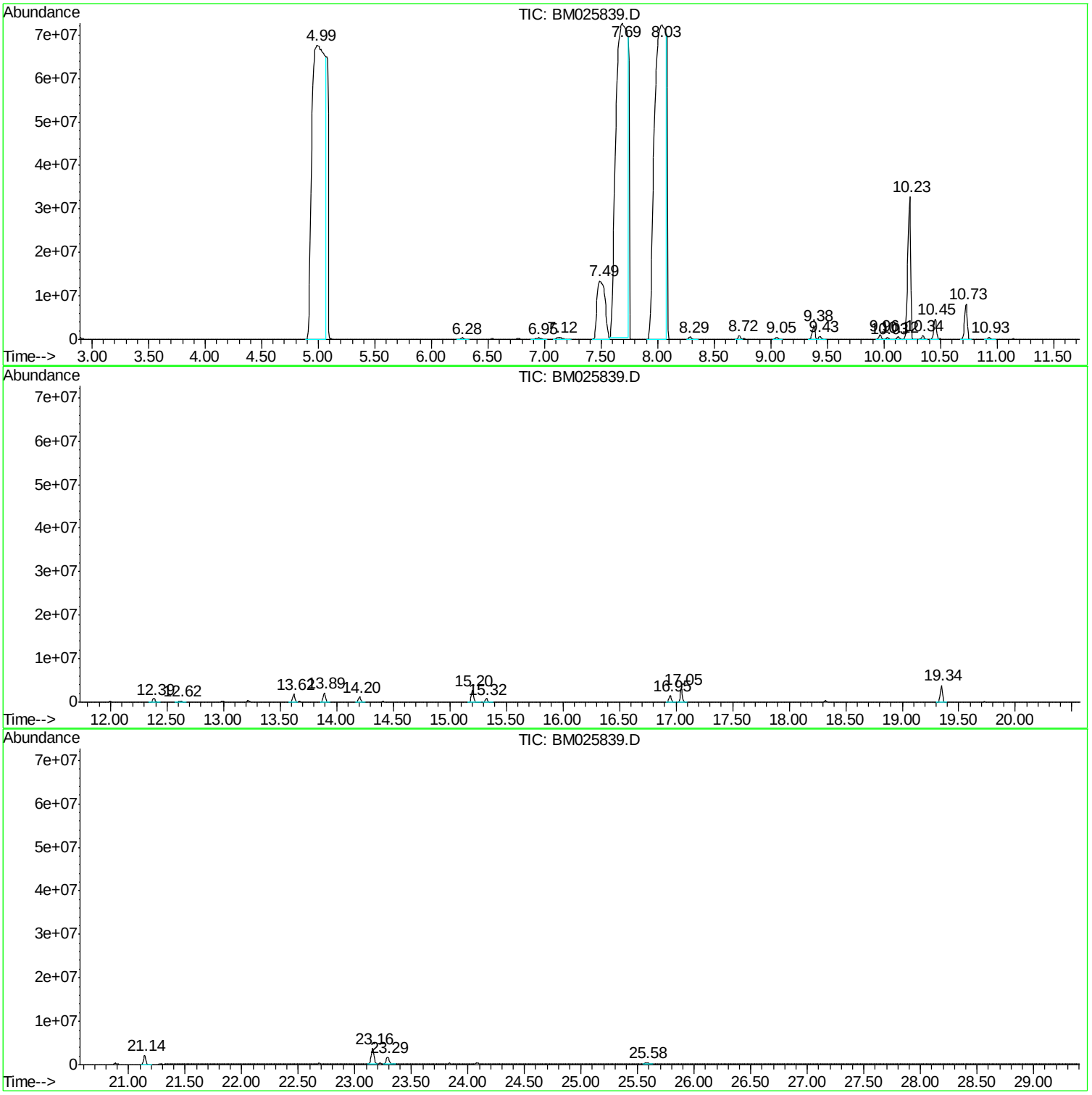
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025839.D
Acq On : 27 Mar 2020 15:51
Operator : CG/JU
Sample : L2005-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025839.D
Acq On : 27 Mar 2020 15:51
Operator : CG/JU
Sample : L2005-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

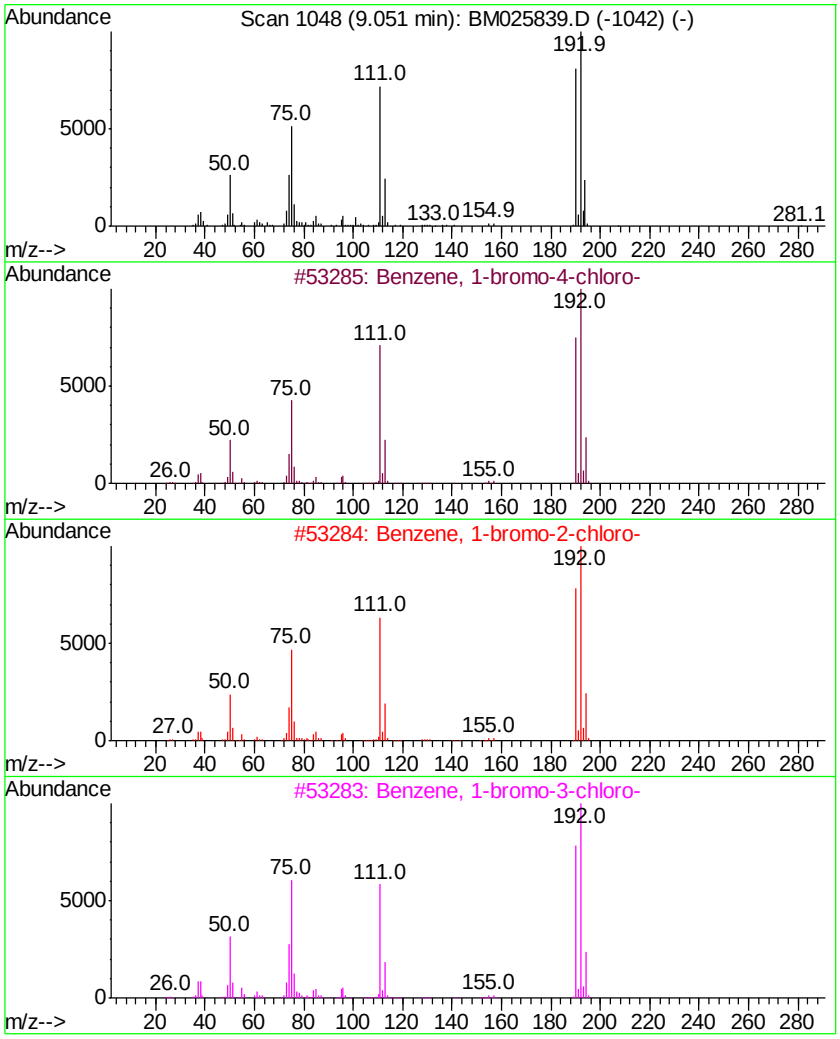
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

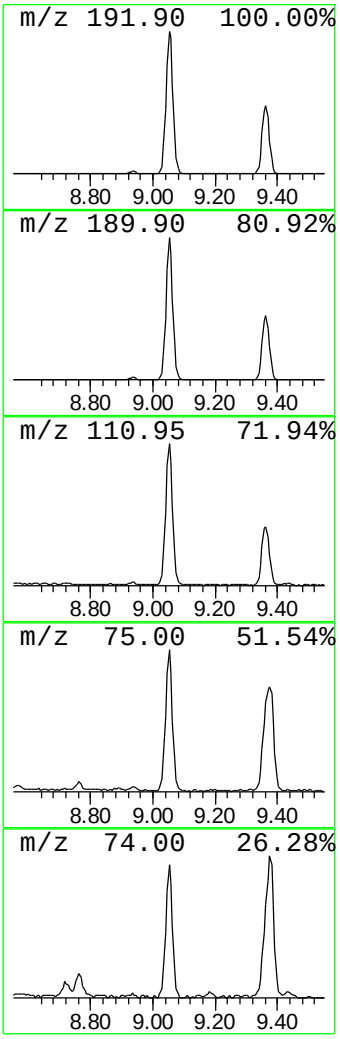
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	11.34 ng/ul	749577	Naphthalene-d8	10.34

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-3-chloro-	190	C6H4BrCl	000108-37-2	98
4	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025839.D
Acq On : 27 Mar 2020 15:51
Operator : CG/JU
Sample : L2005-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

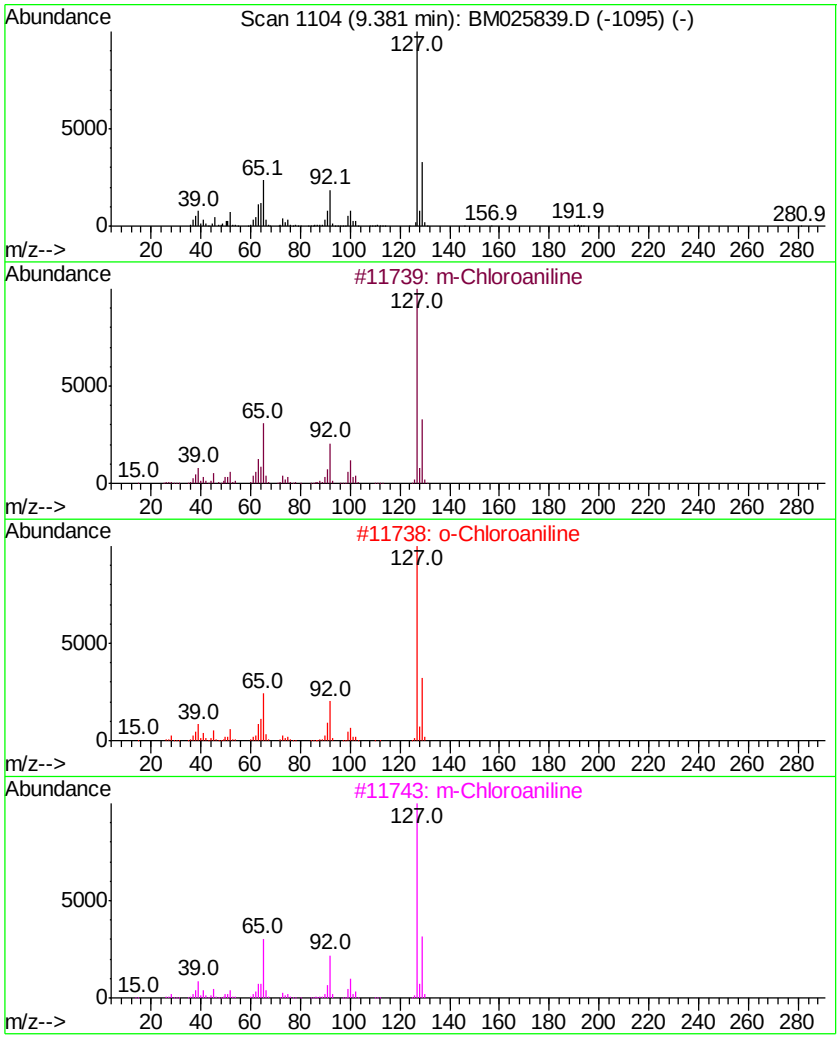
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

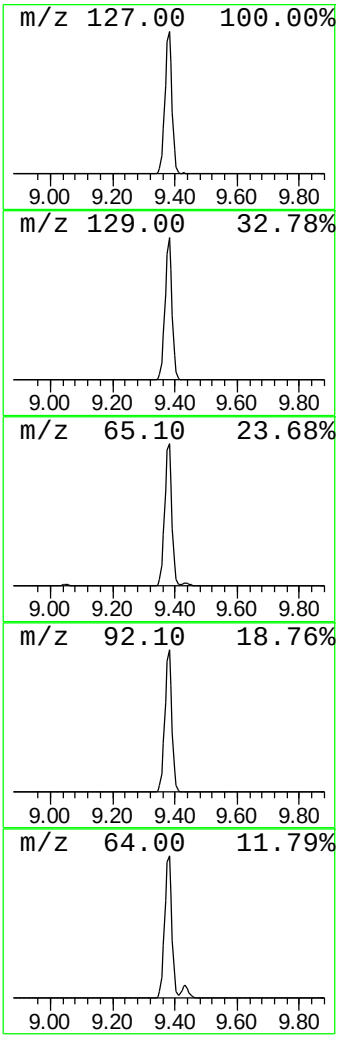
****

Peak Number 5 m-Chloroaniline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	81.41 ng/ul	5381300	Naphthalene-d8	10.34

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025839.D
Acq On : 27 Mar 2020 15:51
Operator : CG/JU
Sample : L2005-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

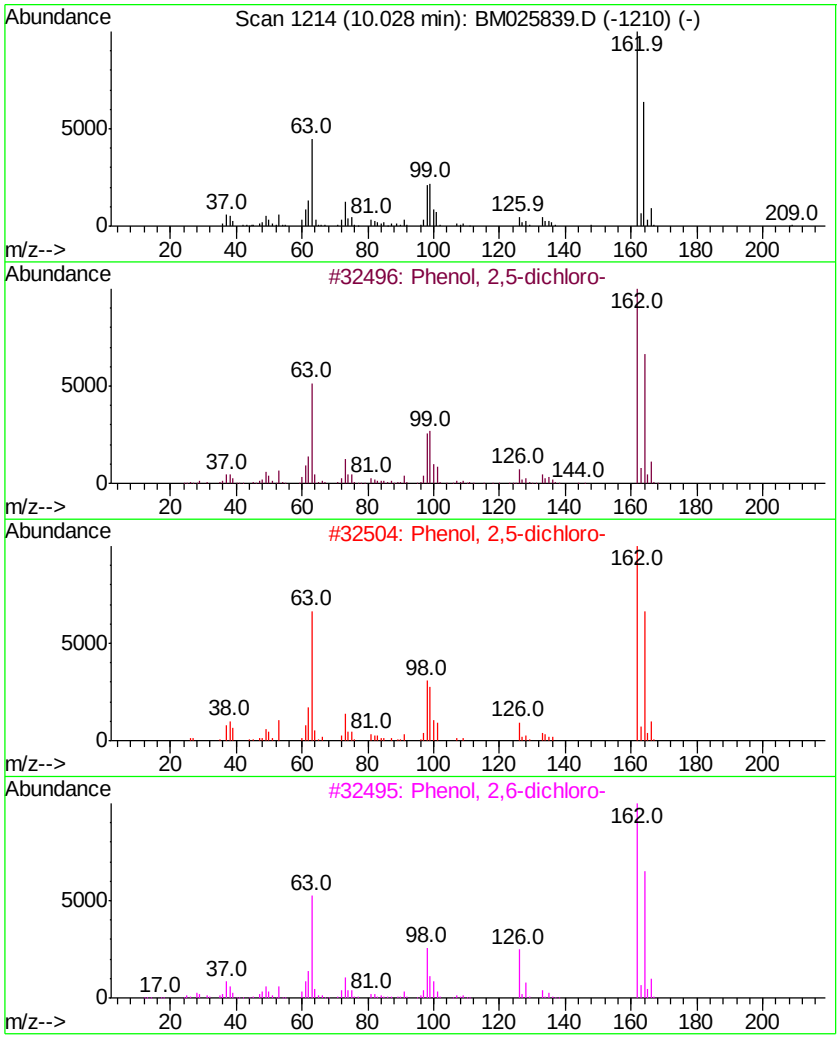
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

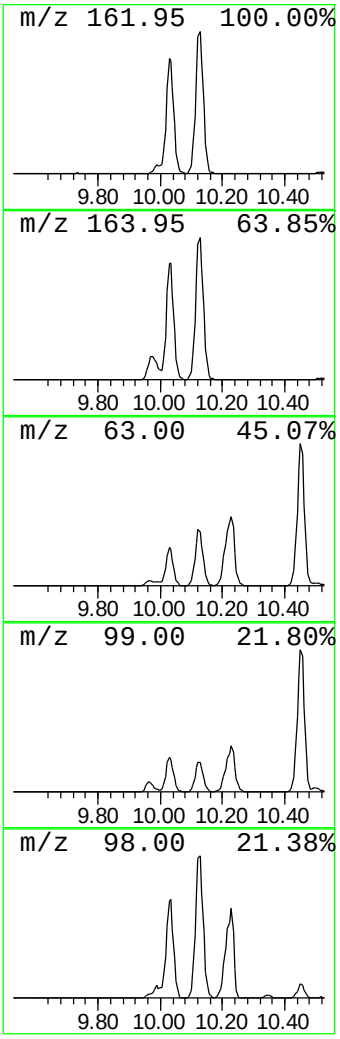
****

Peak Number 6 Phenol, 2,5-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	10.17 ng/ul	672009	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	98
2	Phenol, 2,5-dichloro-	162	C6H4Cl2O	000583-78-8	94
3	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	94
4	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	94
5	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025839.D
Acq On : 27 Mar 2020 15:51
Operator : CG/JU
Sample : L2005-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

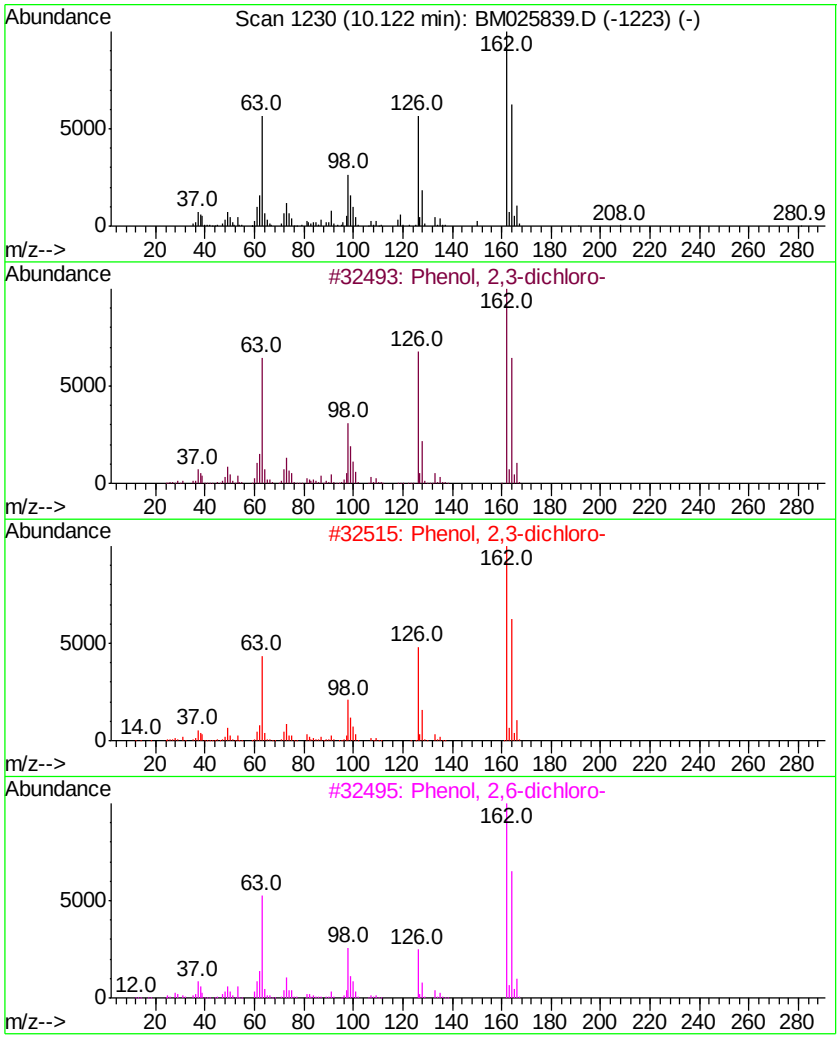
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

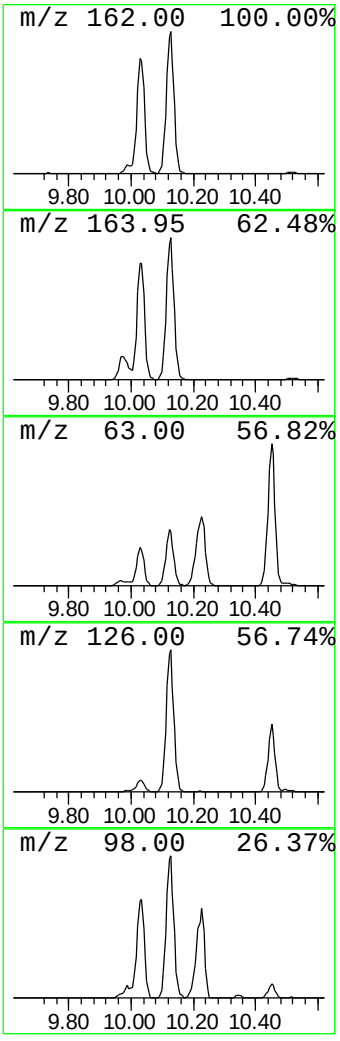
****

Peak Number 7 Phenol, 2,3-dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	17.31 ng/ul	1144130	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	99
2	Phenol, 2,3-dichloro-	162	C6H4Cl2O	000576-24-9	98
3	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	98
4	Phenol, 2,6-dichloro-	162	C6H4Cl2O	000087-65-0	96
5	Phenol, 2,4-dichloro-	162	C6H4Cl2O	000120-83-2	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025839.D
Acq On : 27 Mar 2020 15:51
Operator : CG/JU
Sample : L2005-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

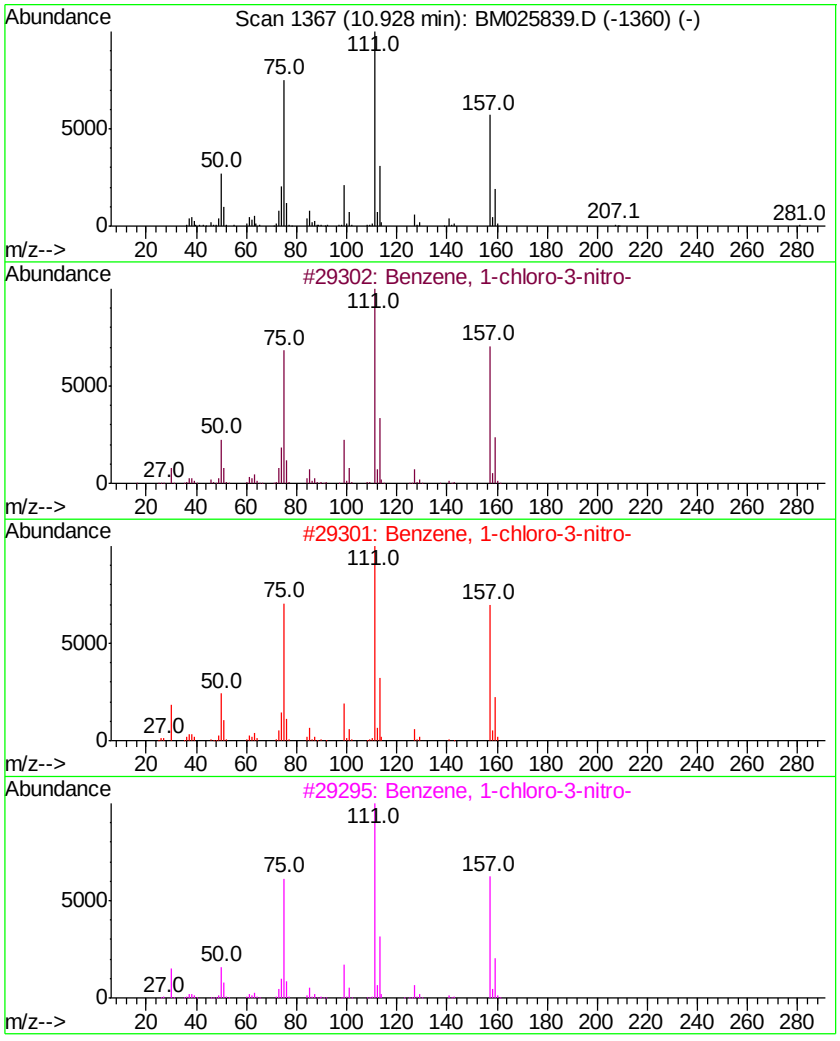
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

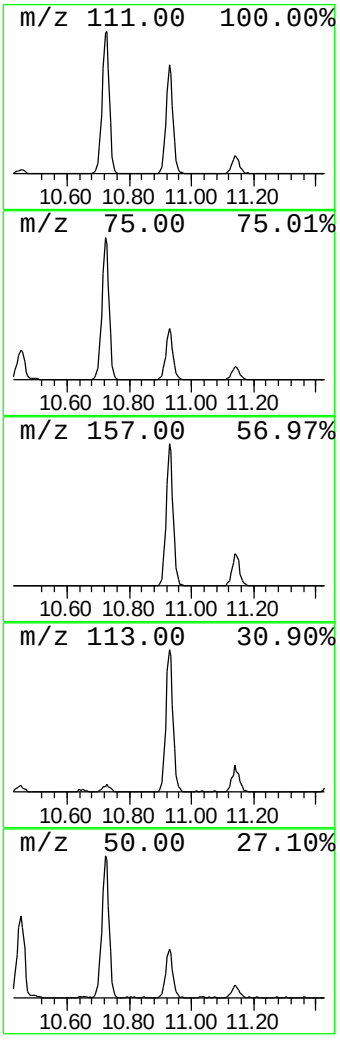
****

Peak Number 10 Benzene, 1-chloro-3-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	11.48 ng/ul	759044	Naphthalene-d8	10.34

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	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025839.D
Acq On : 27 Mar 2020 15:51
Operator : CG/JU
Sample : L2005-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

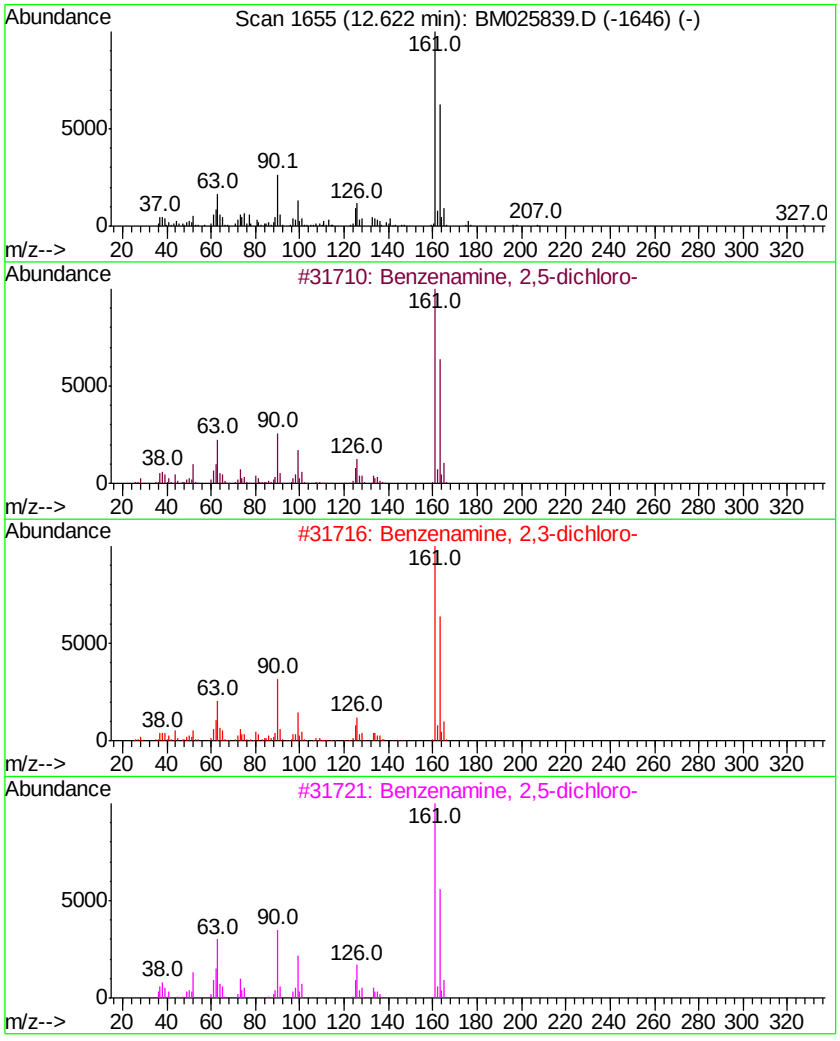
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

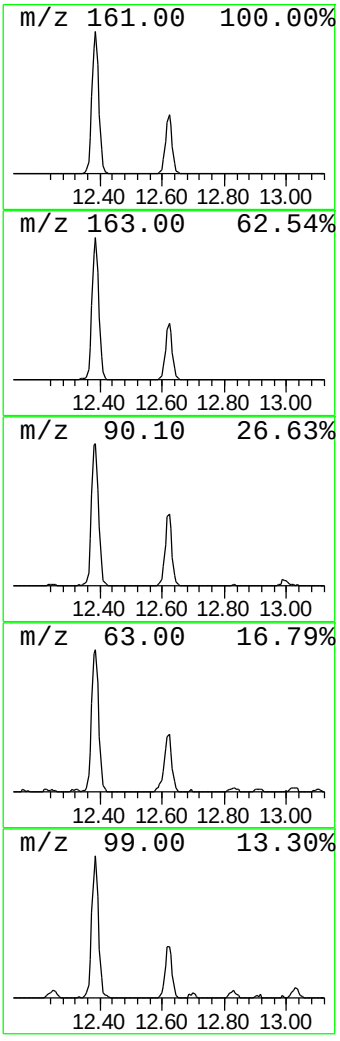
****

Peak Number 11 Benzenamine, 2,5-dichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	6.37 ng/ul	563534	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	98
2	Benzenamine, 2,3-dichloro-	161	C6H5Cl2N	000608-27-5	98
3	Benzenamine, 2,5-dichloro-	161	C6H5Cl2N	000095-82-9	96
4	Benzenamine, 2,6-dichloro-	161	C6H5Cl2N	000608-31-1	96
5	Benzenamine, 2,6-dichloro-	161	C6H5Cl2N	000608-31-1	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025839.D
Acq On : 27 Mar 2020 15:51
Operator : CG/JU
Sample : L2005-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

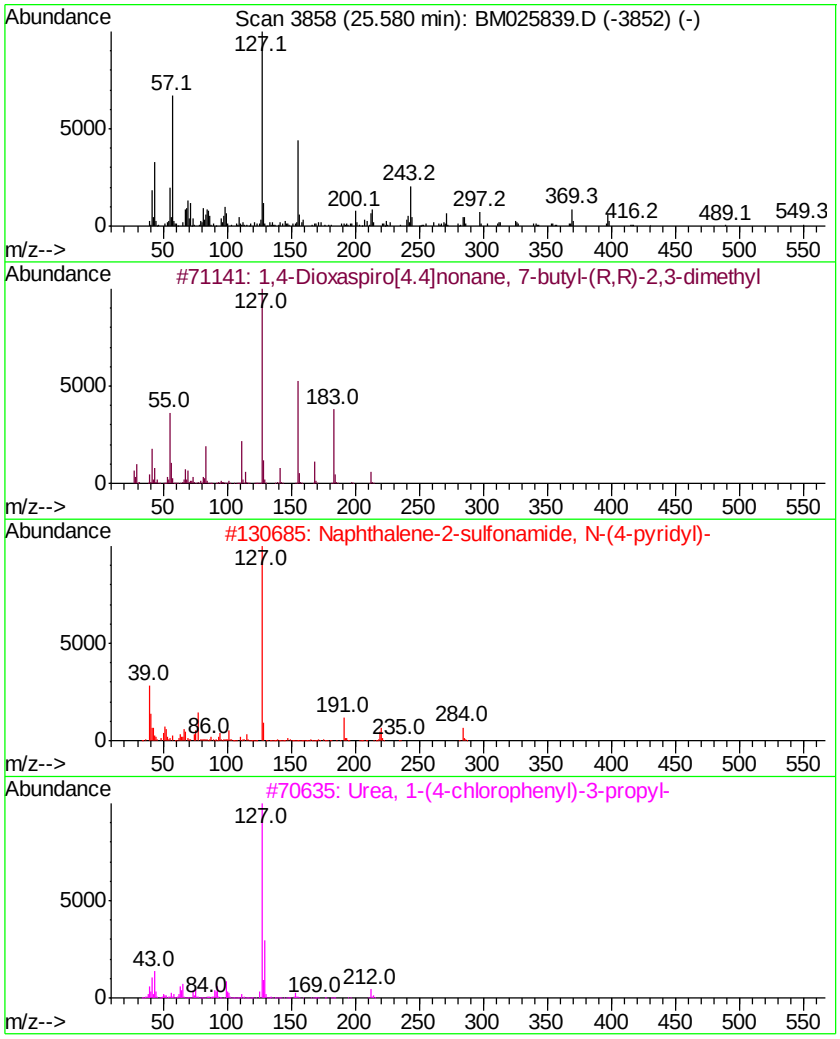
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

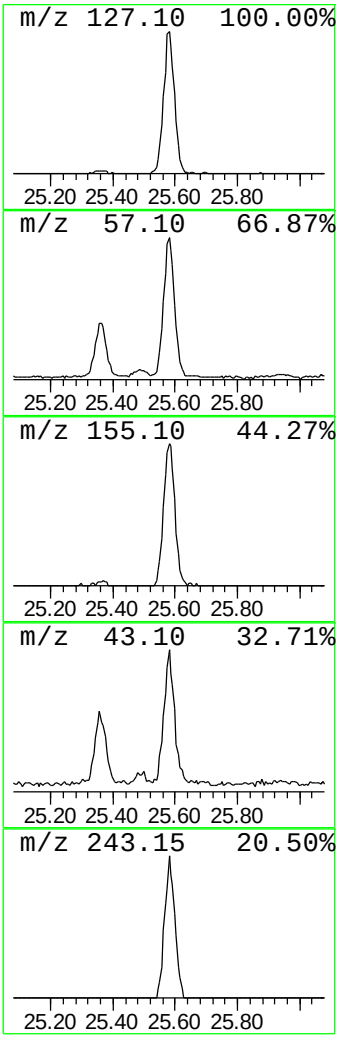
****

Peak Number 12 1,4-Dioxaspiro[4.4]nonane, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.58	4.63 ng/ul	649134	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxaspiro[4.4]nonane, 7-but...	212	C13H24O2	104807-77-4	53
2	Naphthalene-2-sulfonamide, N-(4-...	284	C15H12N2O2S	312915-16-5	38
3	Urea, 1-(4-chlorophenyl)-3-propyl-	212	C10H13ClN2O	013208-64-5	38
4	Isobutyramide, N-(4-chlorophenyl)-	197	C10H12ClNO	1000339-96-3	38
5	Spiro[bicyclo[2.2.1]heptane-2,2'...	212	C12H20O3	035972-92-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032620\
Data File : BM025839.D
Acq On : 27 Mar 2020 15:51
Operator : CG/JU
Sample : L2005-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-bromo-...	9.05	11.3	ng/ul	749577	2	10.34	1321960	20.0
m-Chloroaniline	9.38	81.4	ng/ul	5381300	2	10.34	1321960	20.0
Phenol, 2,5-dichl...	10.03	10.2	ng/ul	672009	2	10.34	1321960	20.0
Phenol, 2,3-dichl...	10.12	17.3	ng/ul	1144130	2	10.34	1321960	20.0
Benzene, 1-chloro...	10.93	11.5	ng/ul	759044	2	10.34	1321960	20.0
Benzenamine, 2,5-...	12.62	6.4	ng/ul	563534	3	14.20	1769480	20.0
1,4-Dioxaspiro[4....	25.58	4.6	ng/ul	649134	6	23.29	2805250	20.0