LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025810.D
Acq On : 26 Mar 2020 21:18
Operator : CG/JU
Sample : L1968-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE0

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	4.957	341	352	357	rBV3	59717521	121340803	100.00%	28.469%
2	6.751	651	657	664	rVB	165295	251589	0.21%	0.059%
3	6.910	678	684	693	rBV	578889	902084	0.74%	0.212%
4	7.104	708	717	726	rBV	675709	1028816	0.85%	0.241%
5	7.463	770	778	787	rBV	8025052	12525475	10.32%	2.939%
6	7.622	790	805	810	rBV	39380762	69409442	57.20%	16.285%
7	7.945	847	860	865	rBV2	44799427	89572439	73.82%	21.016%
8	8.275	910	916	923	rBV	461388	725136	0.60%	0.170%
9	8.710	983	990	994	rBV	753849	1233649	1.02%	0.289%
10	8.751	994	997	1003	rVB	104473	151823	0.13%	0.036%
11	9.039	1040	1046	1055	rBV	464161	725713	0.60%	0.170%
12	9.275	1081	1086	1090	rBV	109260	176561	0.15%	0.041%
13	9.316	1090	1093	1095	rVV	98446	147035	0.12%	0.034%
14	9.351	1095	1099	1105	rVV	257372	442815	0.36%	0.104%
15	9.422	1105	1111	1119	rVV	615098	1007779	0.83%	0.236%
16	9.963	1196	1203	1210	rBV	924726	1531674	1.26%	0.359%
17	10.227	1236	1248	1253	rBV	35239366	66113511	54.49%	15.512%
18	10.339	1260	1267	1273	rBV	947068	1428191	1.18%	0.335%
19	10.722	1322	1332	1344	rVB	9433540	15034485	12.39%	3.527%
20	11.627	1476	1486	1492	rBV3	103336	190239	0.16%	0.045%
21	12.345	1595	1608	1610	rBV	162467	251505	0.21%	0.059%
22	12.380	1610	1614	1622	rVB	714928	1046640	0.86%	0.246%
23	12.992	1712	1718	1725	rBV	2518397	3738555	3.08%	0.877%
24	13.221	1751	1757	1763	rBV	212648	300544	0.25%	0.071%
25	13.621	1820	1825	1830	rVV	1795914	2322790	1.91%	0.545%
26	13.668	1830	1833	1841	rVB	247189	333144	0.27%	0.078%
27	13.892	1865	1871	1880	rVB	2171332	3027668	2.50%	0.710%
28	14.204	1918	1924	1935	rVB2	1364641	1939179	1.60%	0.455%
29	14.410	1954	1959	1968	rBV	135971	204844	0.17%	0.048%
30	14.527	1973	1979	1984	rBV	208092	295415	0.24%	0.069%
31	15.204	2087	2094	2100	rBV	2760634	3783601	3.12%	0.888%
32	15.327	2107	2115	2124	rBV	822750	1133580	0.93%	0.266%
33	16.951	2385	2391	2397	rBV	1677147	2277305	1.88%	0.534%
34	17.051	2401	2408	2418	rVV	3061756	4117864	3.39%	0.966%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1968-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE0

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

35	19.350	2790	2799	2805	rBV	3540660	4848280	4.00%	1.138%
36	20.886	3056	3060	3066	rBV2	130266	205870	0.17%	0.048%
37	21.144	3099	3104	3109	rBV	2267027	2736333	2.26%	0.642%
38	21.756	3204	3208	3211	rBV	122362	136851	0.11%	0.032%
39	22.203	3280	3284	3288	rBV	130098	163761	0.13%	0.038%
40	22.685	3362	3366	3371	rBV	164540	223497	0.18%	0.052%
41	23.162	3440	3447	3453	rBV	3288986	5475181	4.51%	1.285%
42	23.227	3454	3458	3462	rVV	186632	281249	0.23%	0.066%
43	23.291	3463	3469	3477	rVB	1694510	2921872	2.41%	0.686%
44	23.838	3558	3562	3569	rVB	153681	268497	0.22%	0.063%
45	24.544	3677	3682	3690	rVB2	116970	244134	0.20%	0.057%

Sum of corrected areas: 426217418

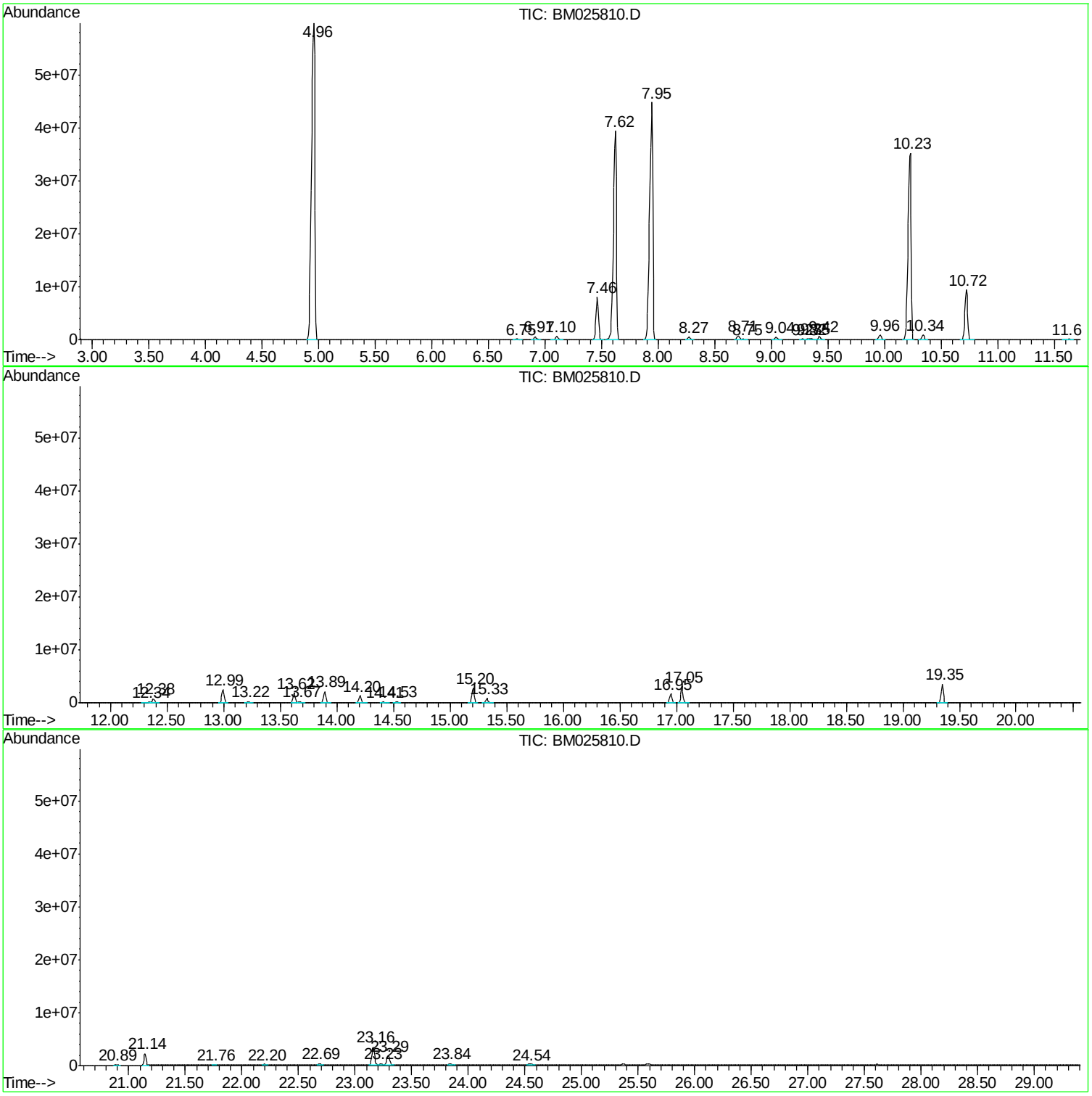
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025810.D
Acq On : 26 Mar 2020 21:18
Operator : CG/JU
Sample : L1968-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE0

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 : BM025810.D
Acq On : 26 Mar 2020 21:18
Operator : CG/JU
Sample : L1968-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE0

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

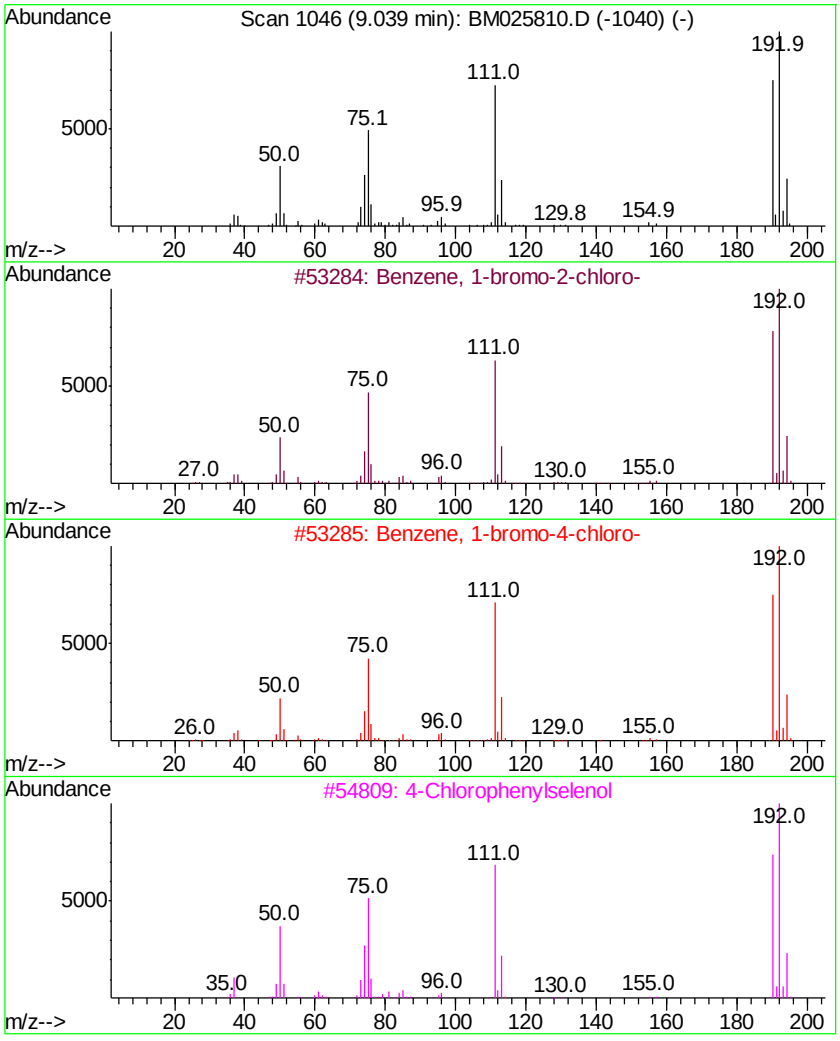
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

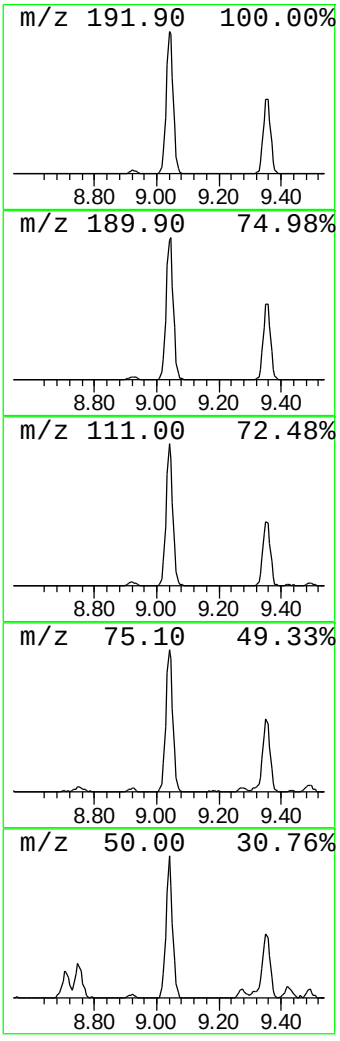
****

Peak Number 4 4-Chlorophenylselenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	10.16 ng/ul	725713	Naphthalene-d8	10.34

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	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	95
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025810.D
Acq On : 26 Mar 2020 21:18
Operator : CG/JU
Sample : L1968-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE0

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

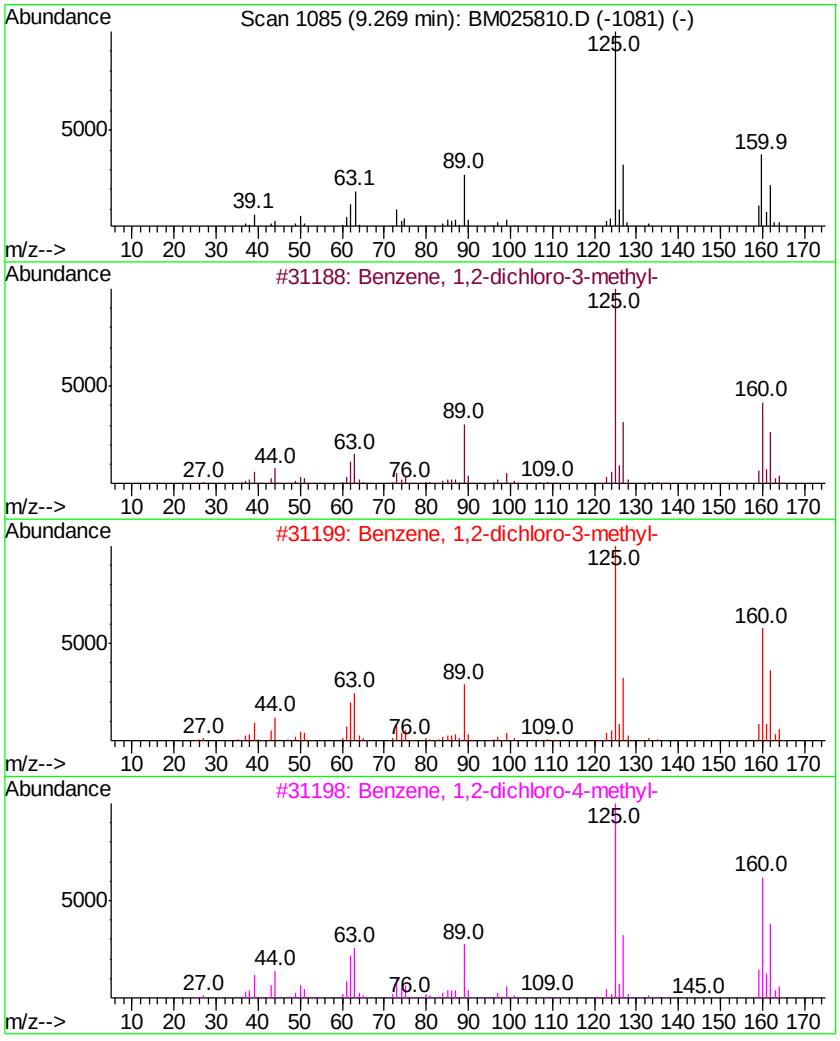
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

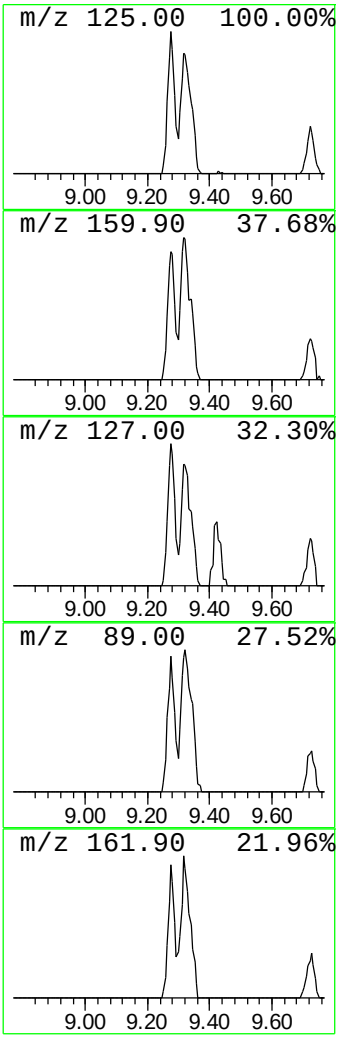
****

Peak Number 5 Benzene, 1,2-dichloro-3-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.47 ng/ul	176561	Naphthalene-d8	10.34

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





Library Search Compound Report

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Data File : BM025810.D
Acq On : 26 Mar 2020 21:18
Operator : CG/JU
Sample : L1968-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE0

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

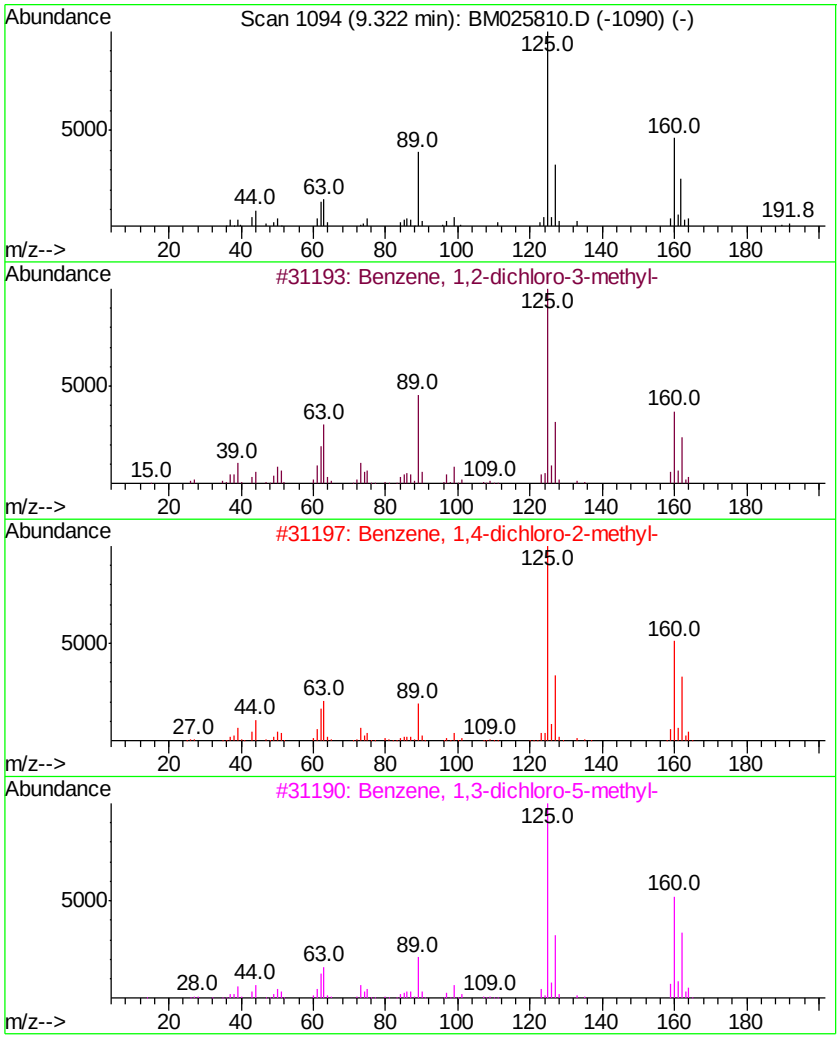
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

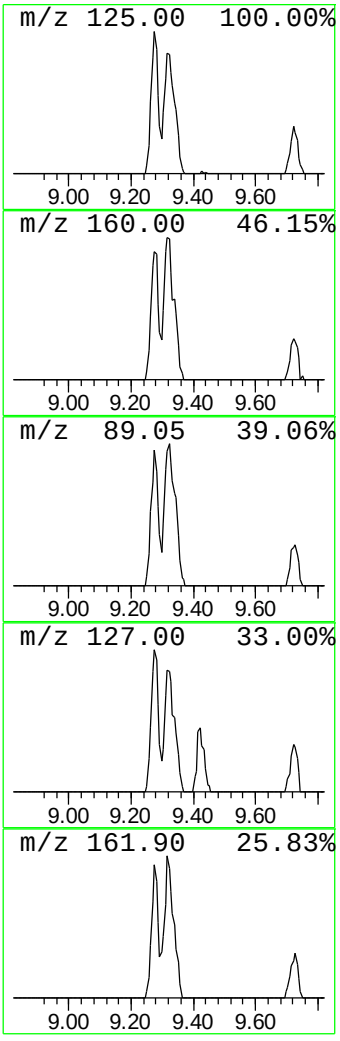
****

Peak Number 6 Benzene, 1,4-dichloro-2-met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	2.06 ng/ul	147035	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96
2	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
3	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96
4	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	94
5	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025810.D
Acq On : 26 Mar 2020 21:18
Operator : CG/JU
Sample : L1968-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE0

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

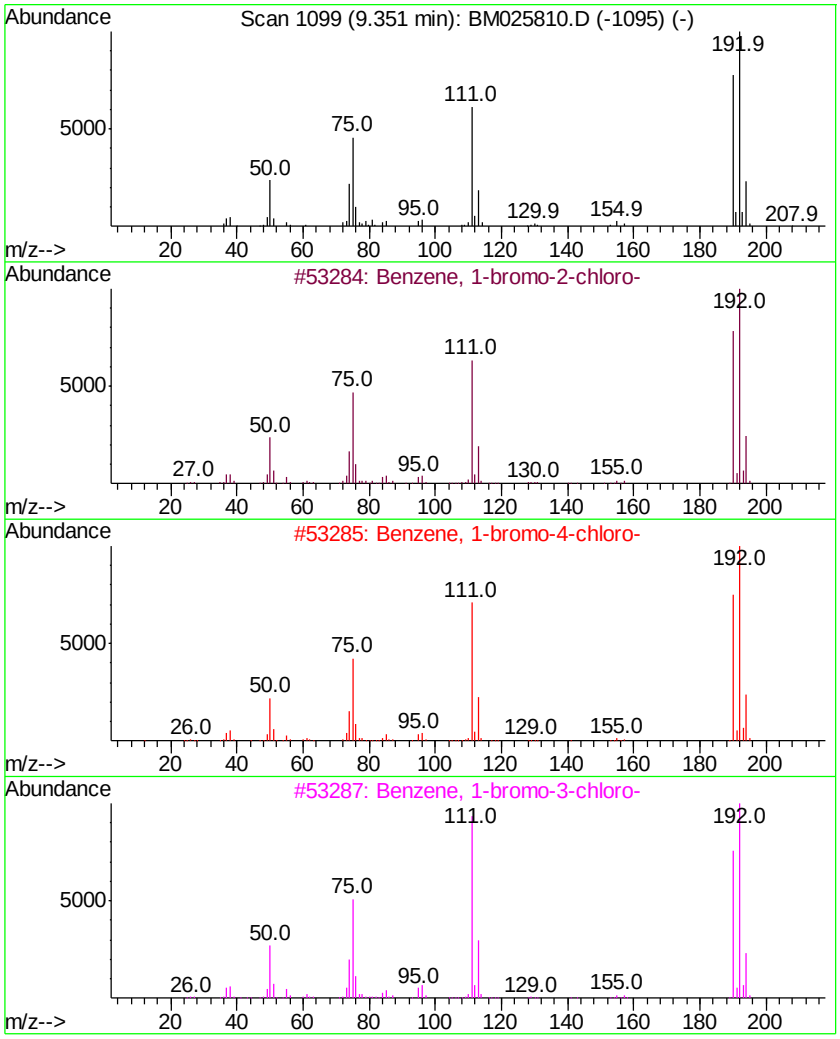
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

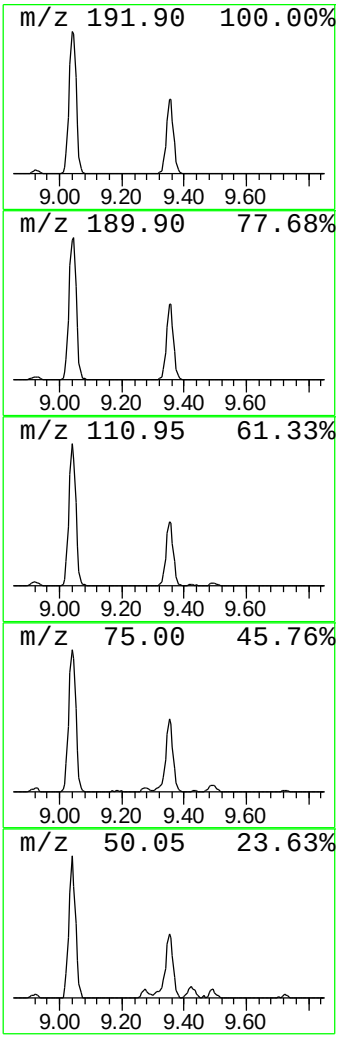
****

Peak Number 7 Benzene, 1-bromo-2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	6.20 ng/ul	442815	Naphthalene-d8	10.34

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025810.D
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DE0

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

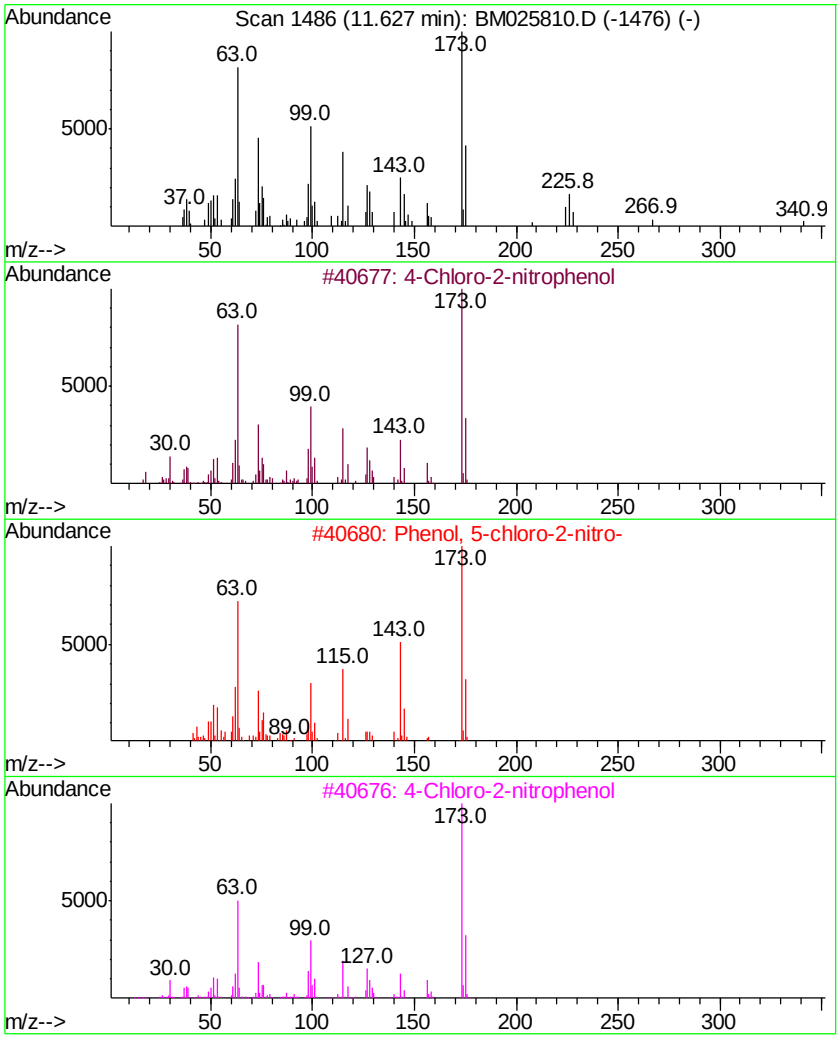
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

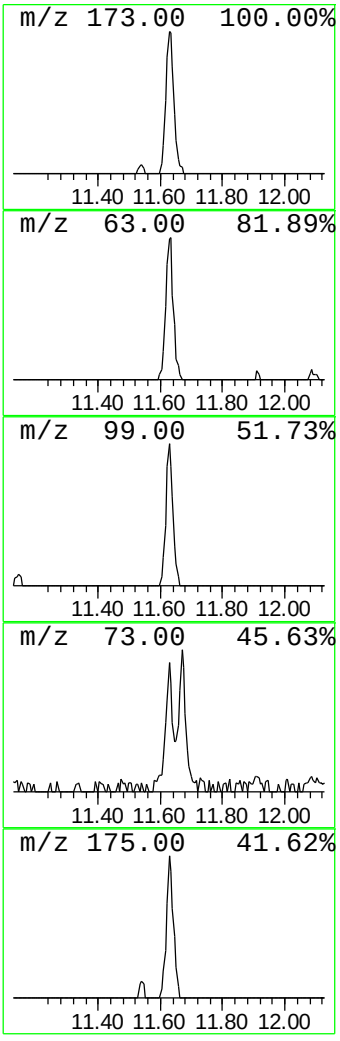
****

Peak Number 10 4-Chloro-2-nitrophenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	2.66 ng/ul	190239	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	99
2	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	93
3	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	87
4	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	81
5	4-Chloro-3-nitrophenol	173	C6H4ClNO3	000610-78-6	60





Library Search Compound Report

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

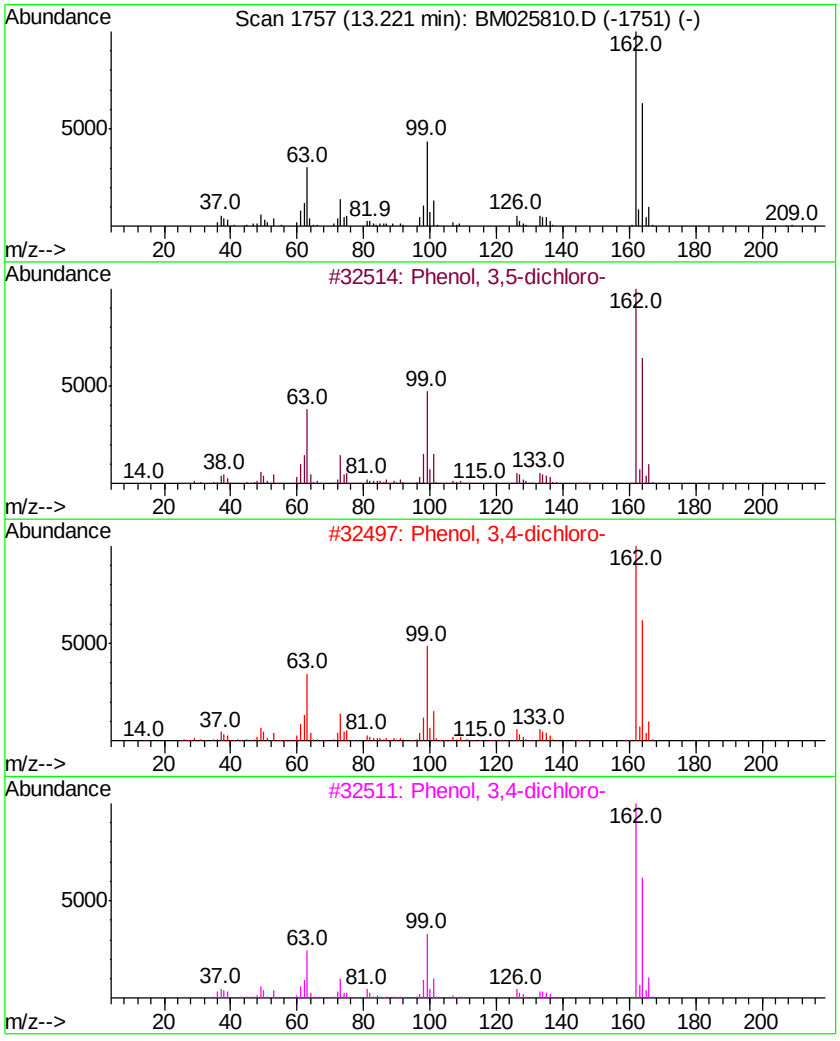
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

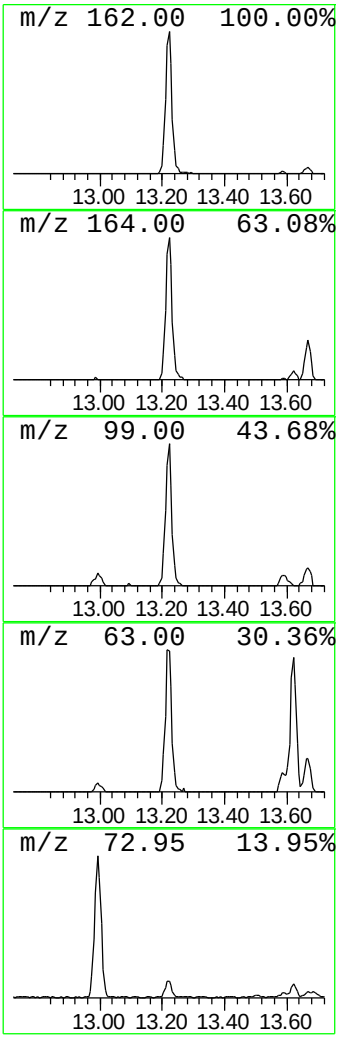
****

Peak Number 11 Phenol, 3,5-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.10 ng/ul	300544	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	98
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	98
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	98
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	98
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96





Tentatively Identified Compound (LSC) summary

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Acq On : 26 Mar 2020 21:18
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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
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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
4-Chlorophenylsel...	9.04	10.2	ng/ul	725713	2	10.34	1428190	20.0
Benzene, 1,2-dich...	9.27	2.5	ng/ul	176561	2	10.34	1428190	20.0
Benzene, 1,4-dich...	9.32	2.1	ng/ul	147035	2	10.34	1428190	20.0
Benzene, 1-bromo-...	9.35	6.2	ng/ul	442815	2	10.34	1428190	20.0
4-Chloro-2-nitrop...	11.63	2.7	ng/ul	190239	2	10.34	1428190	20.0
Phenol, 3,5-dichl...	13.22	3.1	ng/ul	300544	3	14.20	1939180	20.0