LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016810.D
Acq On : 19 Sep 2018 23:38
Operator : SJ/JU
Sample : J4896-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N6

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-BM091018MA.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	3.016	3	5	18	rVB	2636495	2849767	1.69%	0.406%
2	3.269	44	48	57	rVB	128698	174345	0.10%	0.025%
3	5.099	348	359	367	rBV4	51455270	168687920	100.00%	24.030%
4	6.893	657	664	672	rBV	1016569	1546632	0.92%	0.220%
5	7.069	687	694	706	rVB	783128	1224612	0.73%	0.174%
6	7.257	719	726	737	rBV	1041554	1639055	0.97%	0.233%
7	7.622	778	788	798	rBV	22515888	37439814	22.19%	5.333%
8	7.787	800	816	821	rBV2	51659877	121173962	71.83%	17.261%
9	8.104	856	870	876	rBV2	50699761	125993451	74.69%	17.948%
10	8.422	917	924	934	rBV	1252867	1943450	1.15%	0.277%
11	8.875	993	1001	1005	rBV	914265	1503265	0.89%	0.214%
12	8.916	1005	1008	1015	rVB	168381	254826	0.15%	0.036%
13	9.210	1050	1058	1066	rVB	1029331	1688362	1.00%	0.241%
14	9.434	1090	1096	1100	rBV	299774	496104	0.29%	0.071%
15	9.481	1100	1104	1106	rVV	287419	461748	0.27%	0.066%
16	9.516	1106	1110	1117	rVV	576478	1067316	0.63%	0.152%
17	9.592	1117	1123	1128	rVV	675750	1095183	0.65%	0.156%
18	9.651	1128	1133	1142	rVB	167653	268128	0.16%	0.038%
19	10.128	1207	1214	1221	rBV	1169357	1949993	1.16%	0.278%
20	10.398	1247	1260	1265	rBV2	52011086	123714199	73.34%	17.623%
21	10.516	1272	1280	1285	rBV	1609515	2472190	1.47%	0.352%
22	10.645	1294	1302	1310	rBV	1004977	1751508	1.04%	0.250%
23	10.898	1334	1345	1355	rBV	21020628	36694585	21.75%	5.227%
24	11.792	1487	1497	1507	rBV5	78811	173598	0.10%	0.025%
25	12.504	1608	1618	1620	rBV	538605	839946	0.50%	0.120%
26	12.539	1620	1624	1630	rVB	1822310	2773877	1.64%	0.395%
27	12.775	1656	1664	1670	rBV2	147357	226014	0.13%	0.032%
28	13.151	1721	1728	1739	rVB	8001988	12004037	7.12%	1.710%
29	13.775	1822	1834	1838	rBV	1949064	2702310	1.60%	0.385%
30	13.816	1838	1841	1850	rVB	220330	321456	0.19%	0.046%
31	14.051	1869	1881	1893	rBV	2367178	3426201	2.03%	0.488%
32	14.363	1922	1934	1943	rBV2	2107727	3231655	1.92%	0.460%
33	14.557	1961	1967	1976	rVB	962536	1374906	0.82%	0.196%
34	14.674	1982	1987	1993	rVB	504089	710435	0.42%	0.101%

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Title : SVOA CALIBRATION

35	14.845	2011	2016	2022	rBV2	128627	192500	0.11%	0.027%
36	15.357	2096	2103	2113	rBV	3022632	4238757	2.51%	0.604%
37	15.469	2117	2122	2133	rBV	734039	1012650	0.60%	0.144%
38	16.068	2219	2224	2230	rBV	132022	189129	0.11%	0.027%
39	17.110	2394	2401	2407	rBV	2713377	3767849	2.23%	0.537%
40	17.210	2411	2418	2435	rVB2	3085747	4700827	2.79%	0.670%
41	17.357	2438	2443	2448	rBV	131101	187032	0.11%	0.027%
42	18.015	2550	2555	2561	rBV	179948	261478	0.16%	0.037%
43	19.298	2769	2773	2781	rBV	185171	275450	0.16%	0.039%
44	19.504	2802	2808	2815	rBV	4330866	5740028	3.40%	0.818%
45	21.298	3107	3113	3124	rBV	3933058	4944475	2.93%	0.704%
46	22.880	3379	3382	3390	rVB2	188043	263247	0.16%	0.037%
47	23.392	3462	3469	3475	rBV	3521028	6375230	3.78%	0.908%
48	23.450	3476	3479	3485	rVV	255569	420900	0.25%	0.060%
49	23.533	3486	3493	3506	rVB	2714256	5168884	3.06%	0.736%
50	24.097	3586	3589	3596	rVB	226617	389300	0.23%	0.055%

Sum of corrected areas: 702002586

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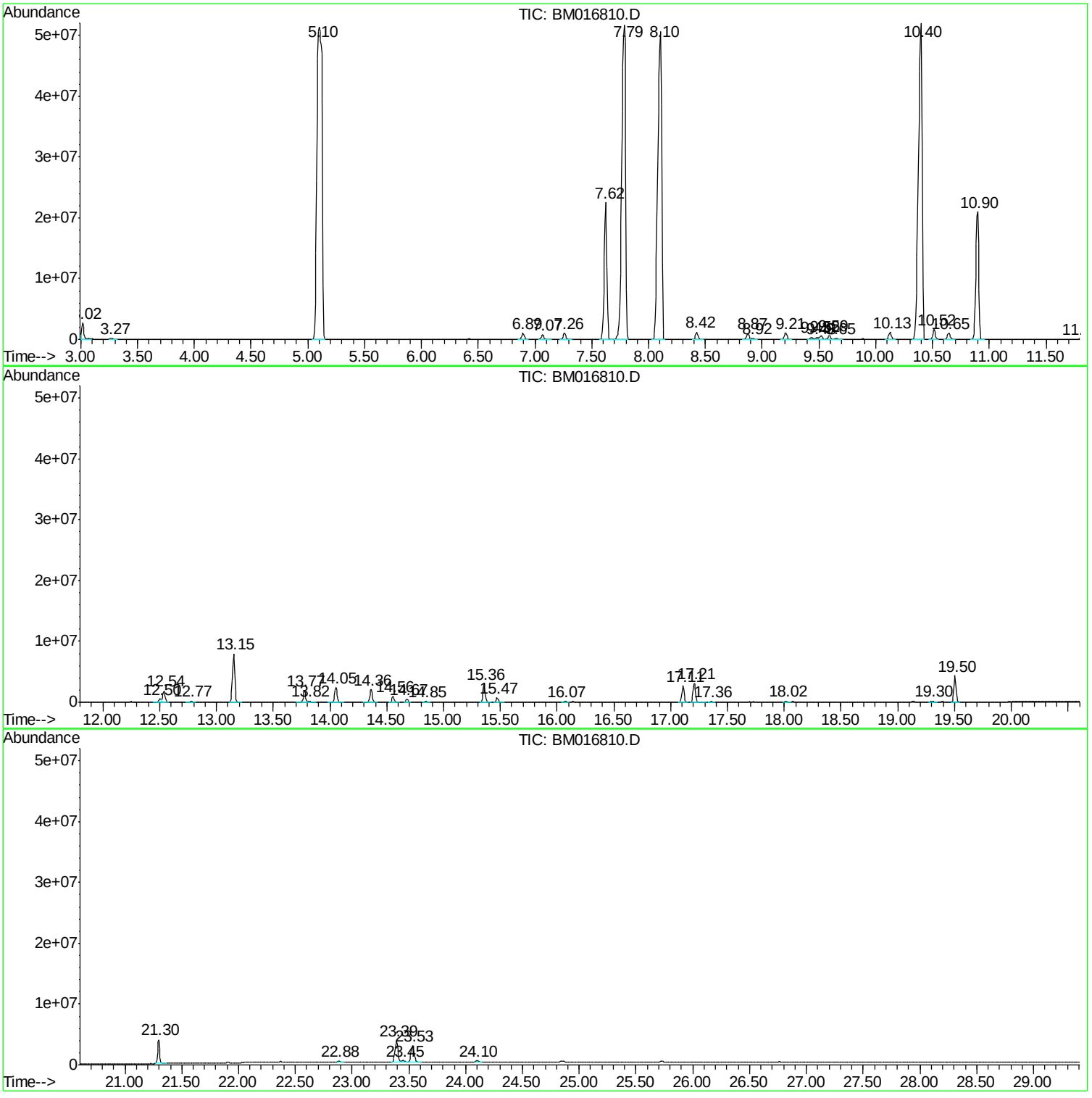
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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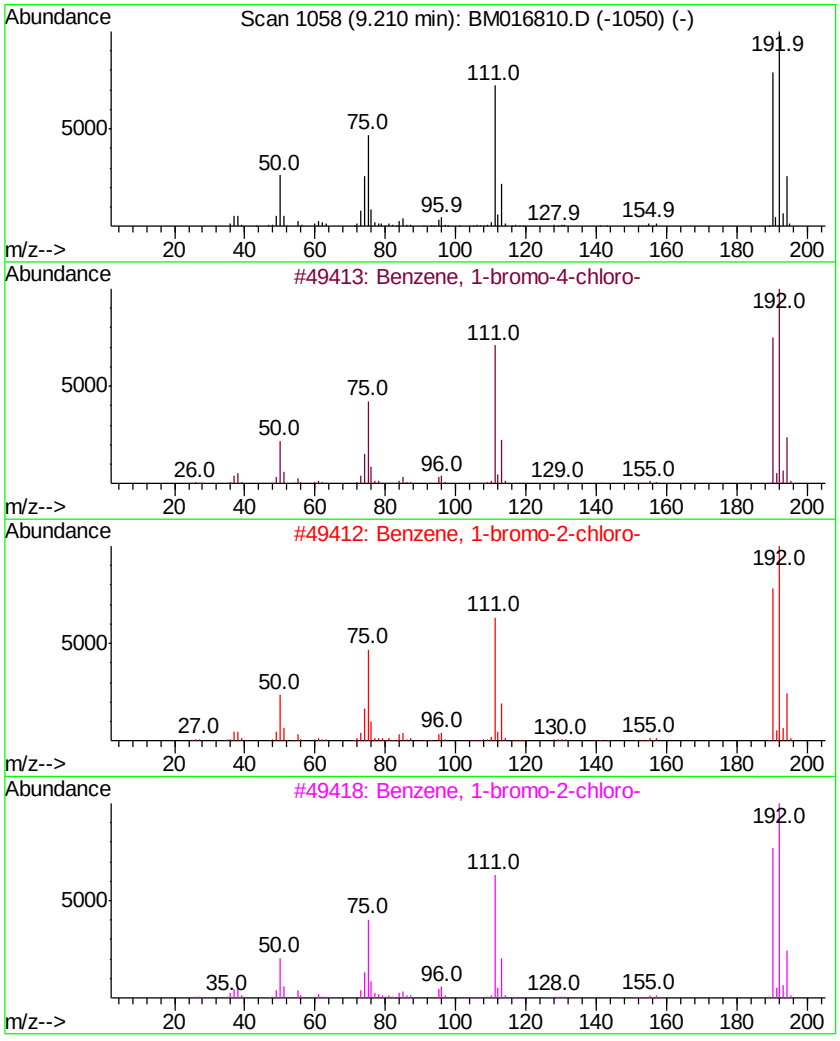
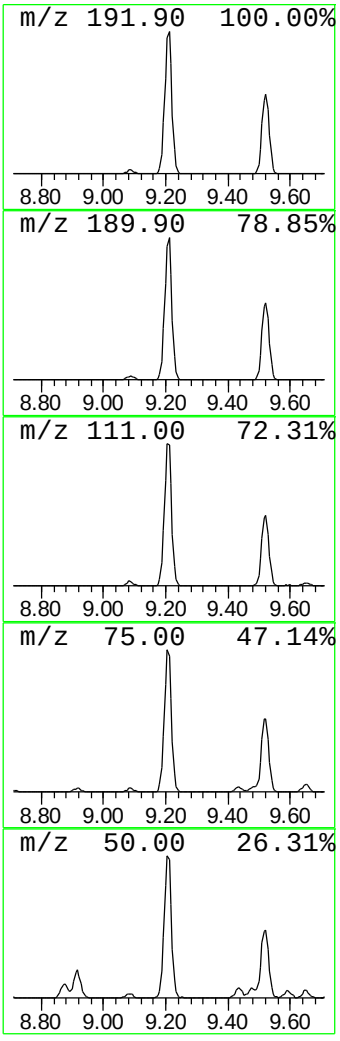
Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	13.66 ng/ul	1688360	Naphthalene-d8	10.52

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-2-chloro-	190	C6H4BrCl	000694-80-4	98
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

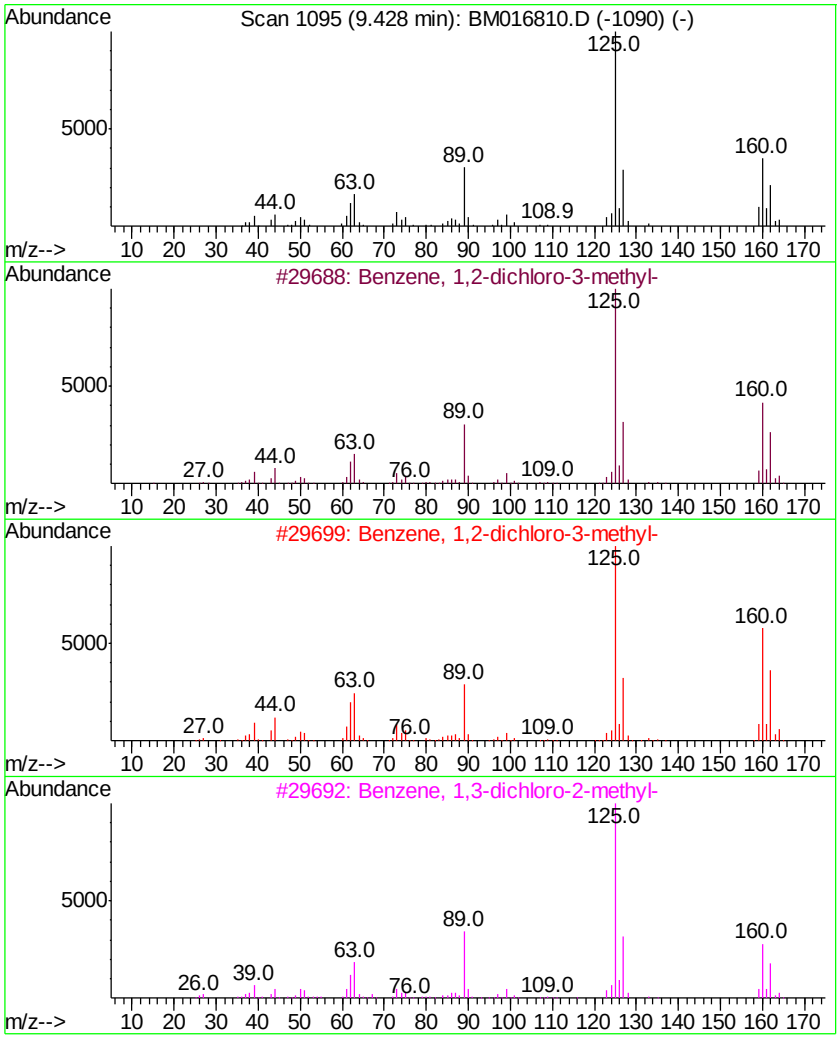
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

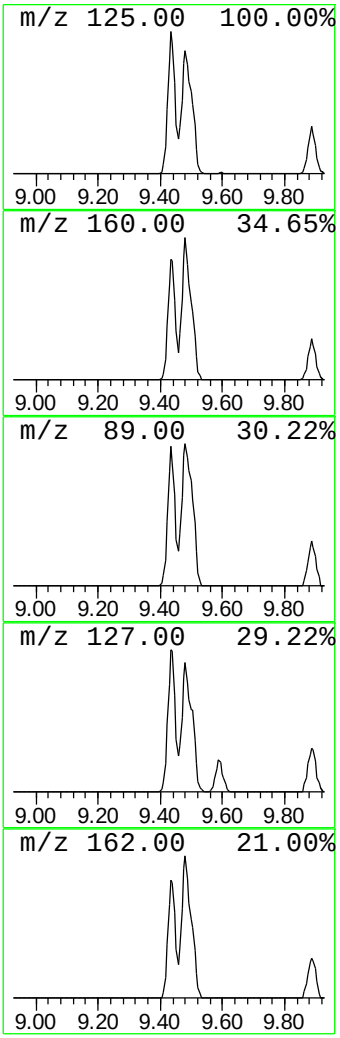
****

Peak Number 6 Benzene, 1,2-dichloro-3-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	4.01 ng/ul	496104	Naphthalene-d8	10.52

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, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
4	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	97
5	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	96





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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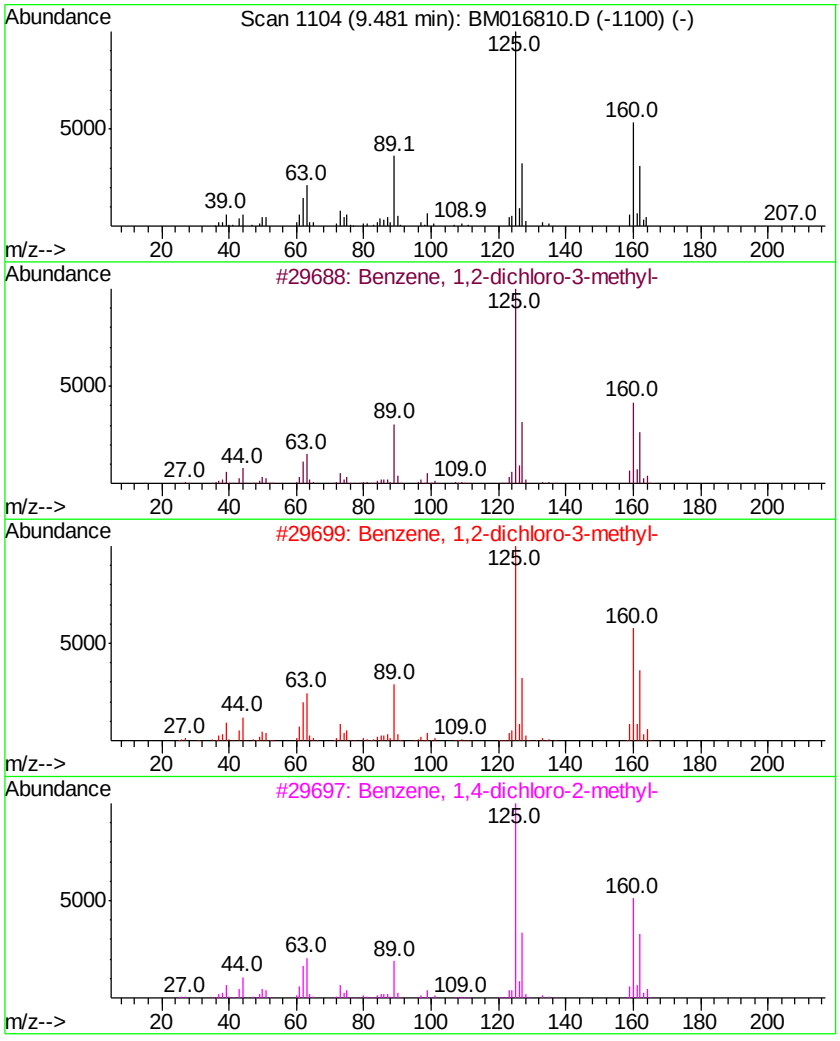
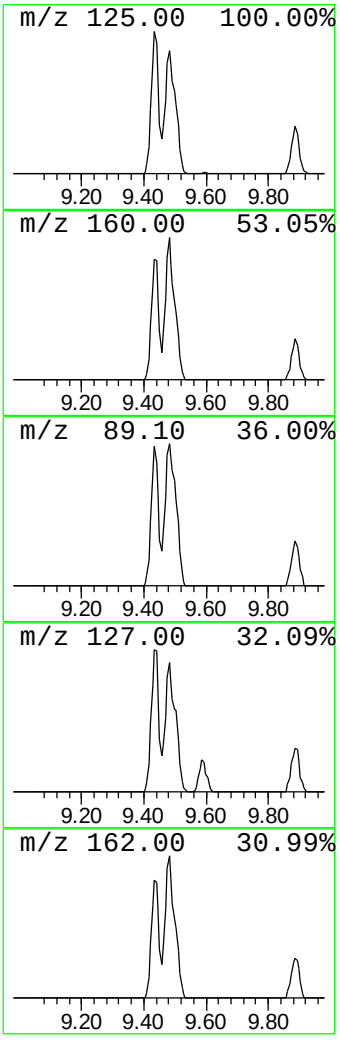
Peak Number 7 Benzene, 1,4-dichloro-2-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	3.74 ng/ul	461748	Naphthalene-d8	10.52

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, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
4	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
5	Benzene, 1-chloro-2-(chloromethyl)-	160	C7H6Cl2	000611-19-8	96





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-bromo-...	9.21	13.7	ng/ul	1688360	2	10.52	2472190	20.0
Benzene, 1,2-dich...	9.43	4.0	ng/ul	496104	2	10.52	2472190	20.0
Benzene, 1,4-dich...	9.48	3.7	ng/ul	461748	2	10.52	2472190	20.0