LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023663.D
Acq On : 12 Nov 2019 14:15
Operator : JU
Sample : K5559-03DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CP8DL

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-BM111119MA.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	3.787	150	153	156	rVB2	14914	17641	0.22%	0.030%
2	4.893	335	341	346	rVB	67133	106634	1.33%	0.182%
3	6.728	648	653	662	rBV	55362	101871	1.27%	0.174%
4	6.893	673	681	694	rBV	217399	386316	4.82%	0.660%
5	7.081	707	713	723	rBV	237569	394193	4.91%	0.673%
6	7.434	768	773	779	rVB3	14943	23288	0.29%	0.040%
7	7.545	783	792	805	rBV	1352419	2379017	29.66%	4.062%
8	7.892	844	851	860	rBV	625938	1009938	12.59%	1.724%
9	8.257	906	913	922	rBV	185417	318161	3.97%	0.543%
10	8.692	978	987	990	rBV	293390	486013	6.06%	0.830%
11	8.734	990	994	1003	rVB	1222761	1971689	24.58%	3.367%
12	9.151	1061	1065	1070	rBV3	18423	30532	0.38%	0.052%
13	9.410	1101	1109	1120	rVV	208620	395934	4.94%	0.676%
14	9.951	1192	1201	1212	rBV	377598	638757	7.96%	1.091%
15	10.110	1224	1228	1232	rVB7	8091	11774	0.15%	0.020%
16	10.186	1235	1241	1249	rVV	286679	468126	5.84%	0.799%
17	10.316	1256	1263	1275	rVB	2043569	3472375	43.29%	5.929%
18	10.469	1282	1289	1294	rBV4	23382	46398	0.58%	0.079%
19	10.704	1321	1329	1338	rBV	268075	448136	5.59%	0.765%
20	10.922	1355	1366	1378	rBV	1113368	1852026	23.09%	3.162%
21	11.133	1395	1402	1412	rBV	238309	435716	5.43%	0.744%
22	11.628	1481	1486	1495	rVB5	27986	63586	0.79%	0.109%
23	11.922	1531	1536	1541	rVB4	8191	13321	0.17%	0.023%
24	12.316	1597	1603	1609	rBV3	41029	71927	0.90%	0.123%
25	12.375	1609	1613	1619	rVB4	9285	17038	0.21%	0.029%
26	12.610	1649	1653	1660	rVB3	14140	26496	0.33%	0.045%
27	12.769	1675	1680	1686	rBV3	38689	60827	0.76%	0.104%
28	12.986	1712	1717	1726	rVB	156926	275276	3.43%	0.470%
29	13.110	1734	1738	1741	rBV5	9183	14194	0.18%	0.024%
30	13.151	1742	1745	1751	rVV7	15698	29107	0.36%	0.050%
31	13.222	1751	1757	1763	rVB5	20487	49561	0.62%	0.085%
32	13.616	1815	1824	1829	rBV	954958	1389627	17.32%	2.373%
33	13.663	1829	1832	1839	rVB	94973	142488	1.78%	0.243%
34	13.886	1864	1870	1880	rBV	944128	1392274	17.36%	2.377%

LSC Area Percent Report

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ClientSampleId : C0CP8DL

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-BM111119MA.M
Title : SVOA CALIBRATION

35	14.198	1915	1923	1935	rBV2	3814398	5614153	69.99%	9.586%
36	14.286	1935	1938	1942	rVB4	5034	8092	0.10%	0.014%
37	14.427	1954	1962	1970	rBV2	43940	95226	1.19%	0.163%
38	14.692	2003	2007	2010	rBV4	24263	33683	0.42%	0.058%
39	14.968	2050	2054	2058	rVB6	6637	11152	0.14%	0.019%
40	15.198	2087	2093	2102	rBV	1413283	1997943	24.91%	3.411%
41	15.327	2109	2115	2125	rBV	300809	440965	5.50%	0.753%
42	15.439	2130	2134	2140	rVB4	15248	24191	0.30%	0.041%
43	15.780	2188	2192	2196	rBV6	9776	13890	0.17%	0.024%
44	15.986	2224	2227	2232	rVB6	10966	14605	0.18%	0.025%
45	16.180	2255	2260	2266	rBV7	51474	74181	0.92%	0.127%
46	16.345	2285	2288	2292	rBV5	8475	11228	0.14%	0.019%
47	16.515	2313	2317	2322	rVB6	26615	38643	0.48%	0.066%
48	16.739	2349	2355	2357	rBV	21511	31833	0.40%	0.054%
49	16.951	2384	2391	2401	rBV	4803171	6973914	86.95%	11.908%
50	17.045	2401	2407	2417	rVV	1778259	2444545	30.48%	4.174%
51	17.145	2421	2424	2428	rVV5	18441	29069	0.36%	0.050%
52	17.186	2428	2431	2439	rVB9	18379	36733	0.46%	0.063%
53	17.315	2450	2453	2458	rBV5	7551	11477	0.14%	0.020%
54	17.568	2493	2496	2502	rVB7	15529	24639	0.31%	0.042%
55	17.674	2509	2514	2516	rVB6	15988	18140	0.23%	0.031%
56	17.868	2543	2547	2551	rBV2	54463	70153	0.87%	0.120%
57	17.921	2552	2556	2563	rVB7	21672	44848	0.56%	0.077%
58	18.321	2619	2624	2630	rVB	1049951	1440295	17.96%	2.459%
59	18.404	2635	2638	2640	rVB3	15062	16078	0.20%	0.027%
60	18.451	2642	2646	2651	rBV7	45522	59512	0.74%	0.102%
61	18.621	2672	2675	2678	rBV5	15440	18751	0.23%	0.032%
62	18.656	2678	2681	2684	rVB5	15438	20596	0.26%	0.035%
63	19.162	2764	2767	2772	rVB6	17929	24356	0.30%	0.042%
64	19.351	2793	2799	2809	rBV	2239874	3092614	38.56%	5.281%
65	21.150	3099	3105	3112	rBV	6179049	8021010	100.00%	13.696%
66	23.174	3443	3449	3455	rBV	1359343	2457629	30.64%	4.196%
67	23.309	3466	3472	3480	rVB	3827153	6812019	84.93%	11.631%

Sum of corrected areas: 58566420

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Misc :
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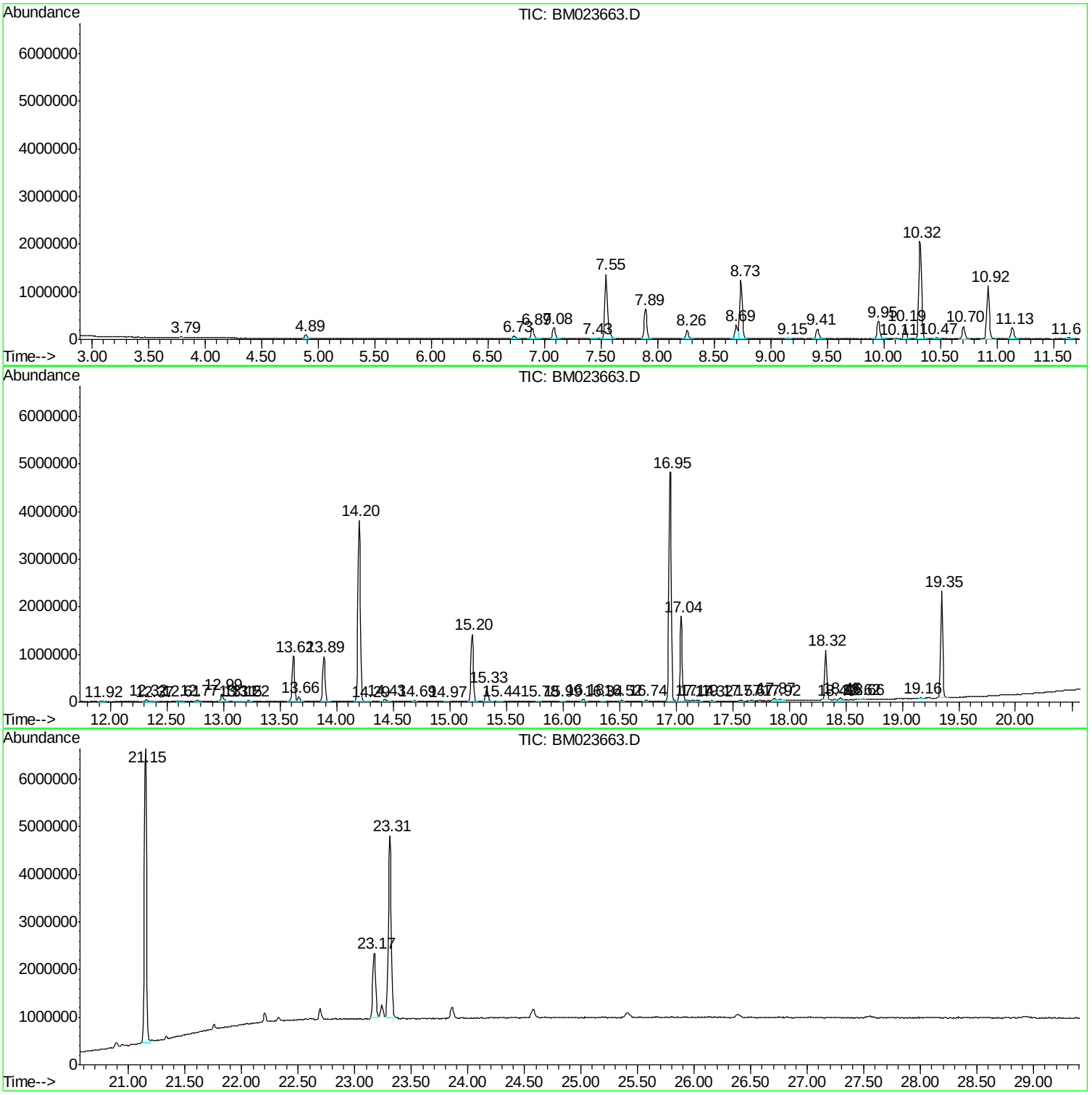
Instrument : BNA_M
ClientSampleId : C0CP8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Acq On : 12 Nov 2019 14:15
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Quant Title : SVOA CALIBRATION

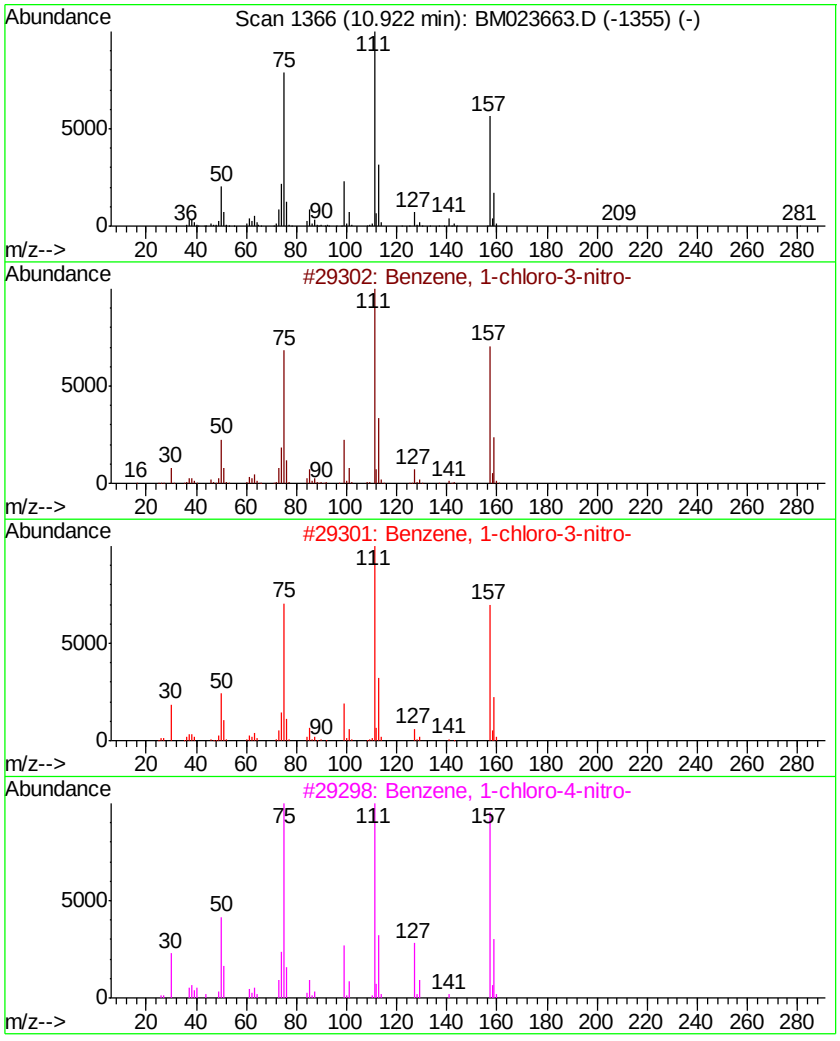
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

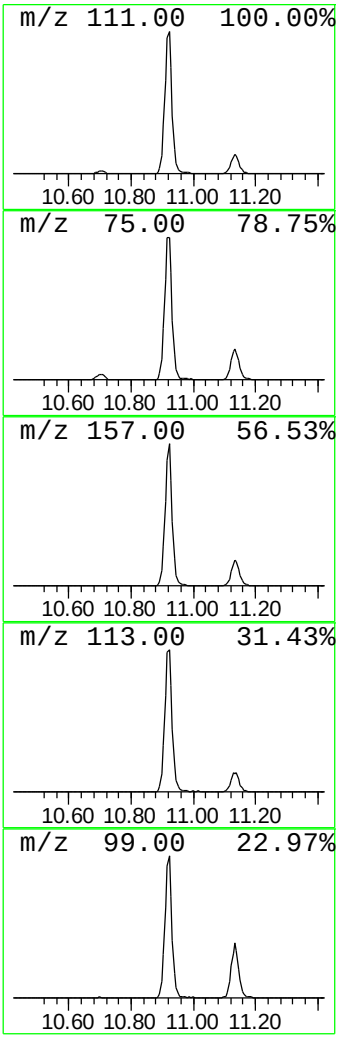
****

Peak Number 4 Benzene, 1-chloro-3-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	10.67 ng/ul	1852030	Naphthalene-d8	10.32

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	96
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	92
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Library Search Compound Report

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Sample : K5559-03DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0CP8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

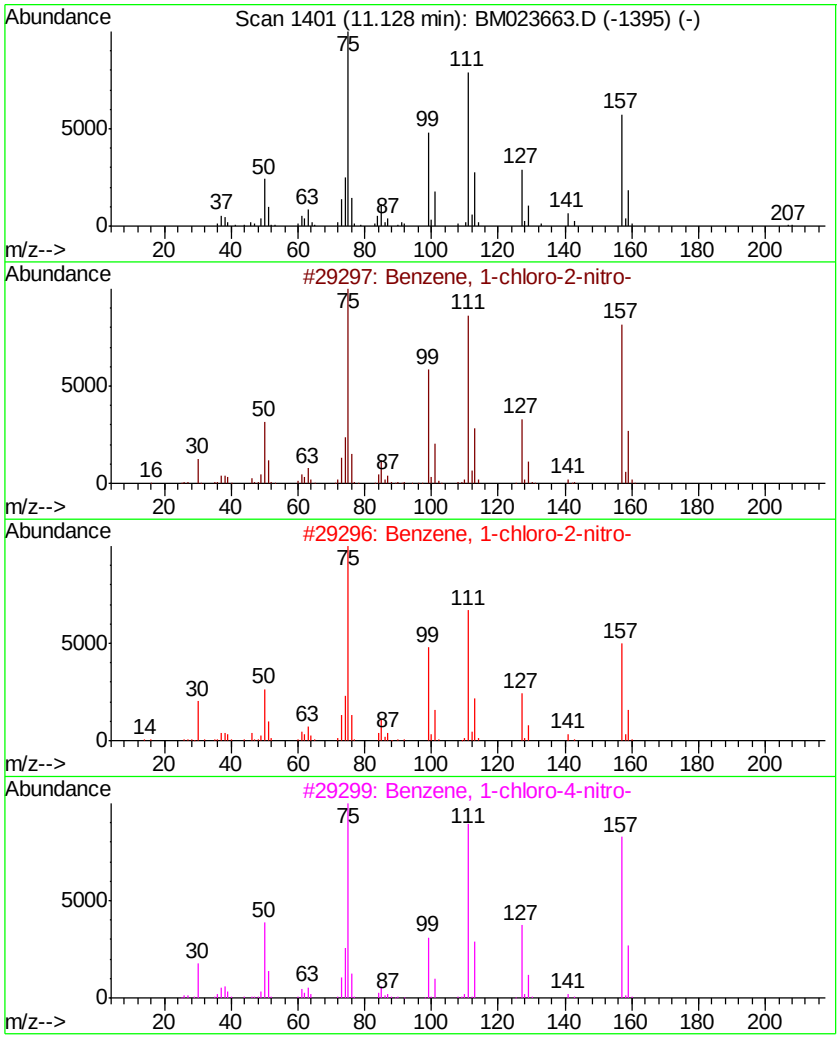
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

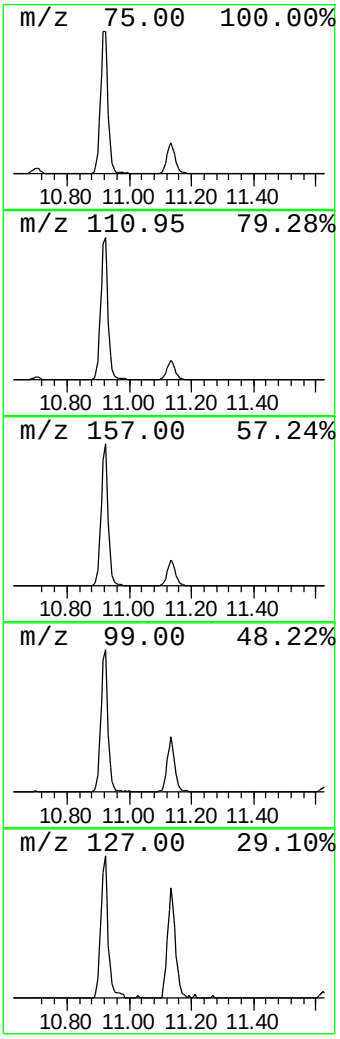
****

Peak Number 5 Benzene, 1-chloro-2-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.51 ng/ul	435716	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95





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ClientSampleId : C0CP8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

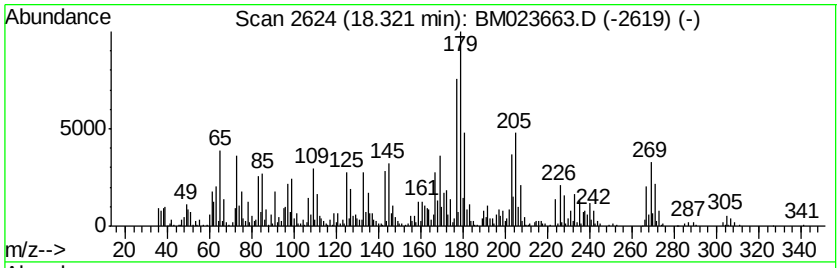
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

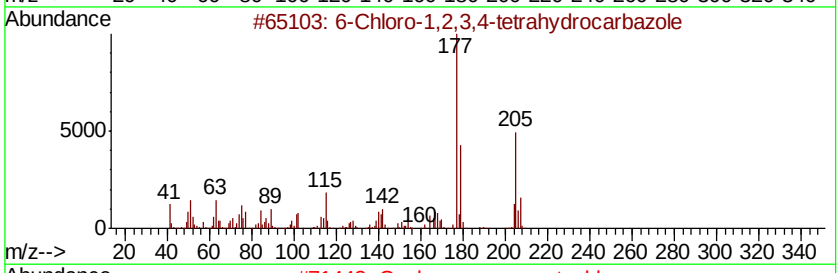
****

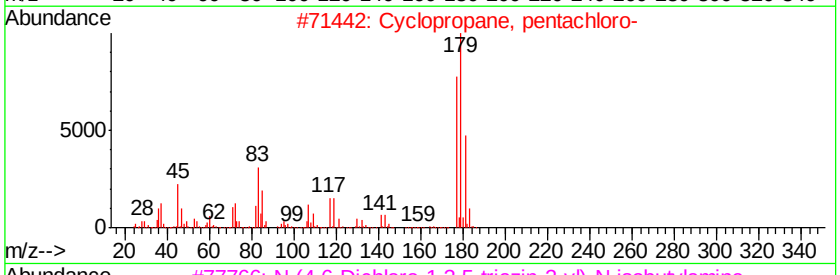
Peak Number 6 unknown-01 Concentration Rank 3

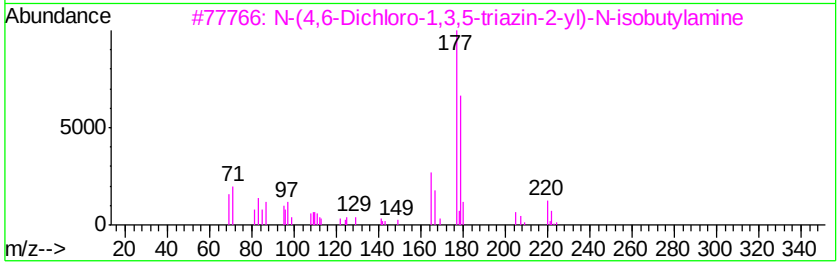
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.13 ng/ul	1440300	Phenanthrene-d10	16.95

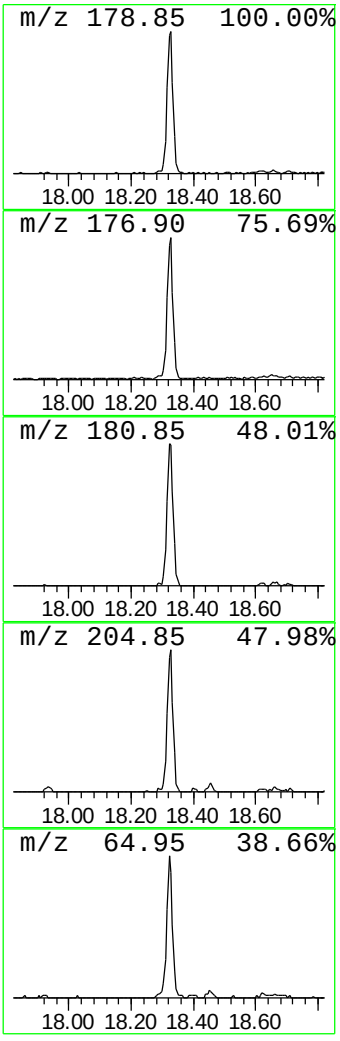
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
2	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	16
3	N-(4,6-Dichloro-1,3,5-triazin-2-...	220	C7H10Cl2N4	1000326-88-2	16
4	2,4,6-Trifluoronitrobenzene	177	C6H2F3NO2	000315-14-0	15
5	Phenol, 4-amino-2,6-dichloro-	177	C6H5Cl2NO	005930-28-9	11











Tentatively Identified Compound (LSC) summary

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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-chloro...	10.92	10.7	ng/ul	1852030	2	10.32	3472380	20.0
Benzene, 1-chloro...	11.13	2.5	ng/ul	435716	2	10.32	3472380	20.0
unknown-01	18.32	4.1	ng/ul	1440300	4	16.95	6973910	20.0