LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017059.D
Acq On : 08 Oct 2018 09:39
Operator : MJ/SJ
Sample : J5250-01DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0908DL

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-BM100418MA.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	5.052	347	351	363	rVB	445886	656826	13.11%	1.366%
2	6.869	655	660	669	rVB2	107981	191690	3.83%	0.399%
3	7.034	683	688	696	rVB	392257	600469	11.98%	1.249%
4	7.228	715	721	738	rVB2	414464	748864	14.94%	1.558%
5	7.581	777	781	790	rVB2	77483	129160	2.58%	0.269%
6	7.693	794	800	803	rVV	710402	1139304	22.74%	2.370%
7	7.728	803	806	817	rVB	808923	1247626	24.90%	2.595%
8	8.040	852	859	867	rVB	3172322	5011008	100.00%	10.424%
9	8.398	913	920	930	rVB	302155	489763	9.77%	1.019%
10	8.516	936	940	942	rBV4	7462	10624	0.21%	0.022%
11	8.845	989	996	999	rBV	484094	793508	15.84%	1.651%
12	8.887	999	1003	1014	rVB	1527844	2501799	49.93%	5.204%
13	9.175	1046	1052	1057	rBV5	4892	7672	0.15%	0.016%
14	9.263	1062	1067	1070	rVV2	12740	19680	0.39%	0.041%
15	9.298	1070	1073	1079	rVB3	8442	10697	0.21%	0.022%
16	9.492	1102	1106	1111	rBV5	8034	12377	0.25%	0.026%
17	9.563	1111	1118	1128	rVB	334208	579682	11.57%	1.206%
18	10.092	1201	1208	1216	rBV	577359	920072	18.36%	1.914%
19	10.157	1216	1219	1226	rVV	28105	45087	0.90%	0.094%
20	10.251	1230	1235	1240	rVB6	14201	23937	0.48%	0.050%
21	10.334	1243	1249	1261	rVV	965448	1613641	32.20%	3.357%
22	10.469	1265	1272	1280	rVV	1029235	1716598	34.26%	3.571%
23	10.610	1291	1296	1304	rVB	23094	37866	0.76%	0.079%
24	10.851	1330	1337	1347	rBV	638013	1056480	21.08%	2.198%
25	11.069	1367	1374	1382	rBV	1195424	1947842	38.87%	4.052%
26	11.286	1403	1411	1420	rVB	250290	427564	8.53%	0.889%
27	11.569	1451	1459	1463	rVB3	4419	7016	0.14%	0.015%
28	11.769	1483	1493	1502	rVB6	35584	74520	1.49%	0.155%
29	12.063	1539	1543	1548	rVB	9965	13834	0.28%	0.029%
30	12.457	1605	1610	1615	rBV2	50745	77188	1.54%	0.161%
31	12.510	1615	1619	1624	rVB2	49827	70909	1.42%	0.148%
32	12.745	1653	1659	1666	rBV3	20293	33408	0.67%	0.069%
33	12.904	1682	1686	1690	rBV2	28714	37904	0.76%	0.079%
34	13.122	1717	1723	1730	rVB	316520	469858	9.38%	0.977%

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Sample : J5250-01DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0908DL

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-BM100418MA.M
Title : SVOA CALIBRATION

35	13.233	1737	1742	1747	rVB5	9341	13293	0.27%	0.028%
36	13.292	1747	1752	1755	rBV2	13930	18987	0.38%	0.039%
37	13.345	1755	1761	1769	rVB2	59990	87674	1.75%	0.182%
38	13.745	1819	1829	1835	rBV	1129706	1640474	32.74%	3.413%
39	13.792	1836	1837	1841	rVB	16535	13103	0.26%	0.027%
40	14.022	1870	1876	1889	rVV	1299272	1878358	37.48%	3.907%
41	14.116	1889	1892	1898	rVB3	6823	8136	0.16%	0.017%
42	14.333	1922	1929	1939	rBV2	1479727	2232862	44.56%	4.645%
43	14.533	1958	1963	1972	rVB4	49792	86777	1.73%	0.181%
44	14.651	1980	1983	1989	rVB3	4851	7174	0.14%	0.015%
45	14.822	2008	2012	2015	rBV2	19060	22931	0.46%	0.048%
46	14.963	2032	2036	2039	rBV2	8882	10683	0.21%	0.022%
47	15.086	2050	2057	2060	rBV4	4572	6736	0.13%	0.014%
48	15.327	2092	2098	2105	rBV	1722095	2356581	47.03%	4.902%
49	15.451	2113	2119	2126	rBV	291154	392480	7.83%	0.816%
50	15.569	2135	2139	2143	rBV2	14131	18152	0.36%	0.038%
51	15.904	2194	2196	2200	rBV3	5622	5801	0.12%	0.012%
52	16.304	2258	2264	2270	rVB5	4655	7981	0.16%	0.017%
53	16.480	2290	2294	2298	rVB4	11836	14546	0.29%	0.030%
54	16.727	2333	2336	2341	rBV3	19588	25007	0.50%	0.052%
55	16.863	2356	2359	2360	rBV2	5322	5874	0.12%	0.012%
56	16.886	2361	2363	2367	rVB2	7695	9813	0.20%	0.020%
57	17.080	2390	2396	2406	rVB2	1754240	2423911	48.37%	5.042%
58	17.180	2406	2413	2426	rBV	1685720	2370325	47.30%	4.931%
59	17.280	2426	2430	2433	rBV3	9658	13202	0.26%	0.027%
60	17.315	2433	2436	2439	rVV3	13799	12632	0.25%	0.026%
61	17.704	2499	2502	2507	rVB2	9021	10885	0.22%	0.023%
62	17.804	2515	2519	2522	rVB5	10318	12438	0.25%	0.026%
63	17.980	2545	2549	2555	rBV4	5396	7804	0.16%	0.016%
64	18.057	2557	2562	2568	rVB4	61339	82167	1.64%	0.171%
65	18.310	2600	2605	2609	rVB3	21751	25271	0.50%	0.053%
66	18.457	2621	2630	2636	rBV	837583	1186083	23.67%	2.467%
67	18.533	2640	2643	2646	rVB2	5625	5989	0.12%	0.012%
68	18.580	2646	2651	2654	rBV5	47085	77355	1.54%	0.161%
69	18.757	2677	2681	2683	rBV4	10082	16547	0.33%	0.034%
70	18.786	2683	2686	2691	rVV3	47387	60020	1.20%	0.125%
71	18.833	2691	2694	2699	rVB5	6946	9802	0.20%	0.020%

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Instrument : BNA_M
ClientSampleId : C0908DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Title : SVOA CALIBRATION

72	19.109	2738	2741	2745	rVB	14904	19765	0.39%	0.041%
73	19.362	2781	2784	2789	rVB3	8180	10084	0.20%	0.021%
74	19.474	2797	2803	2811	rBV	1890200	2506701	50.02%	5.215%
75	21.268	3103	3108	3118	rBV	2051372	2534525	50.58%	5.272%
76	23.345	3455	3461	3476	rBV	1270496	2563096	51.15%	5.332%
77	23.486	3479	3485	3498	rVB2	1302063	2535034	50.59%	5.273%

Sum of corrected areas: 48071532

LSC Report - Integrated Chromatogram

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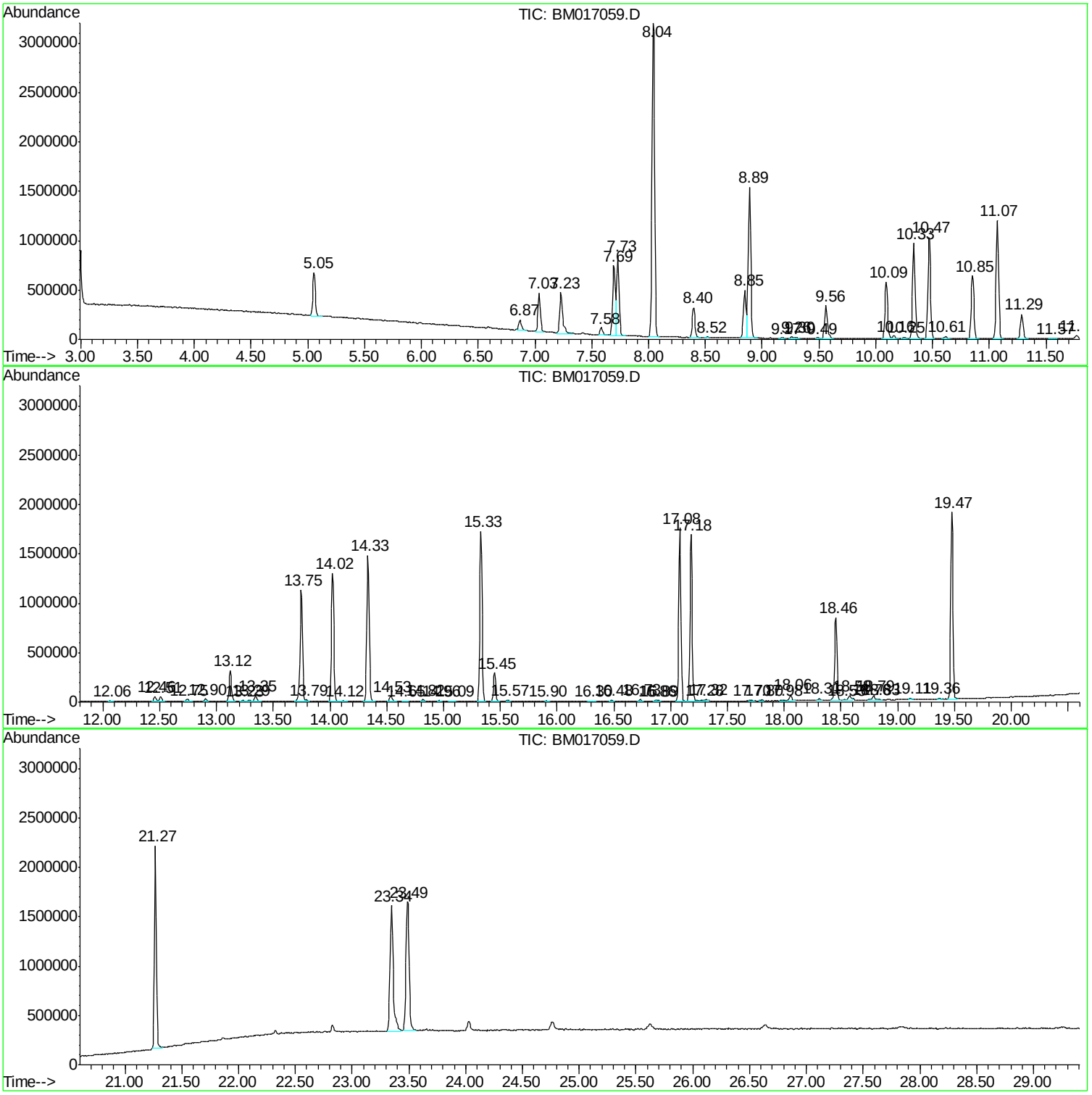
Operator : MJ/SJ
Sample : J5250-01DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0908DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017059.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0908DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

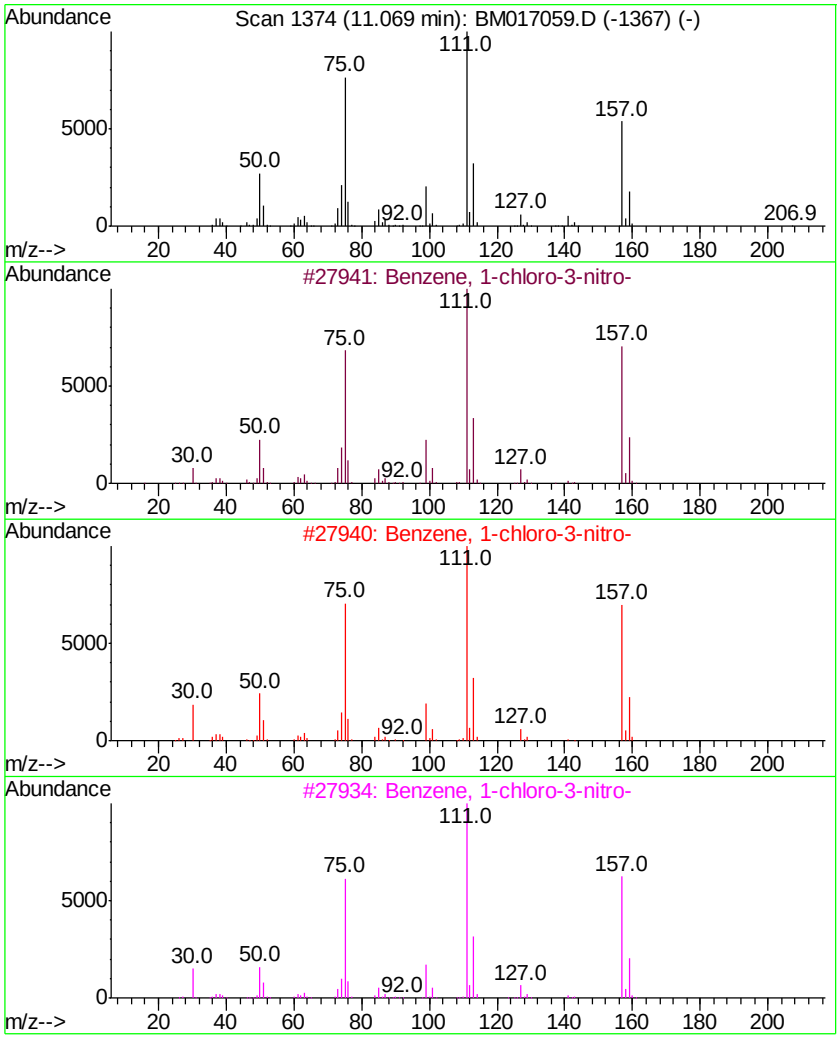
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

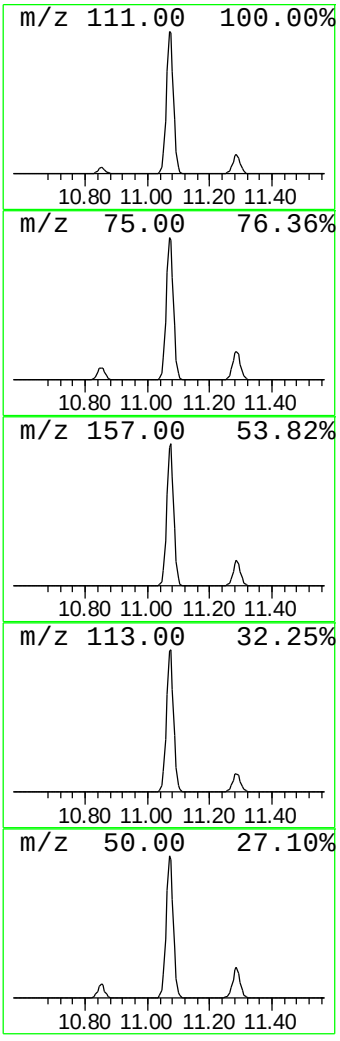
****

Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	22.69 ng/ul	1947840	Naphthalene-d8	10.47

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	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
Data File : BM017059.D
Acq On : 08 Oct 2018 09:39
Operator : MJ/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0908DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

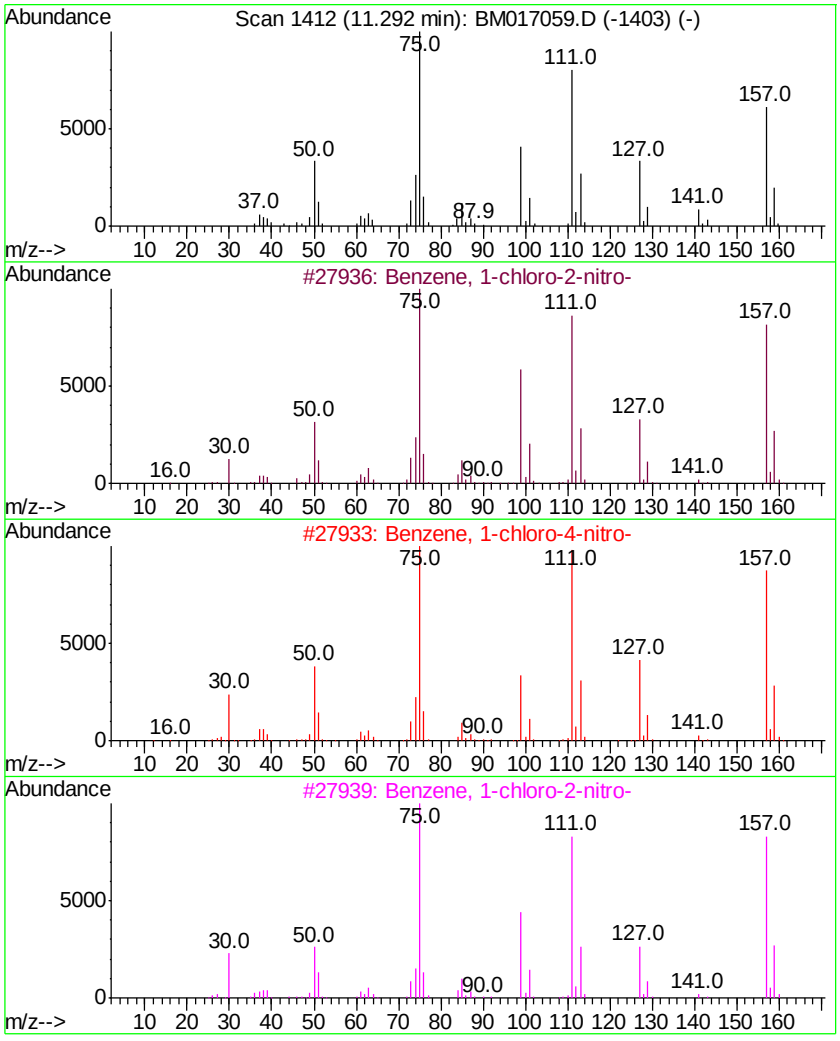
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

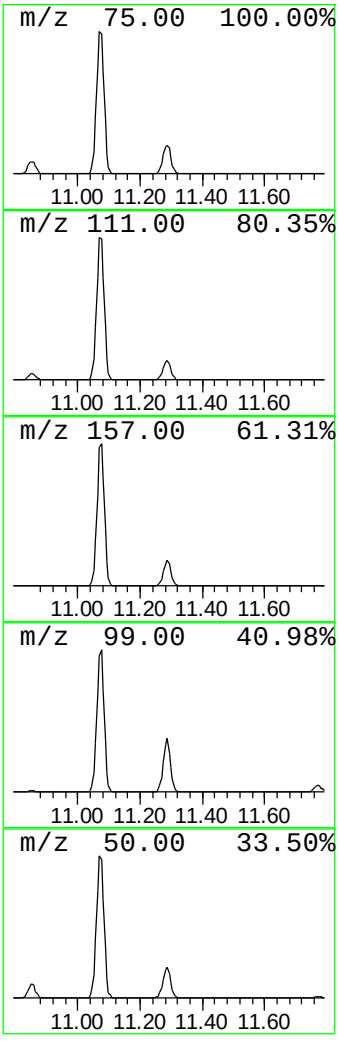
****

Peak Number 7 Benzene, 1-chloro-2-nitro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	4.98 ng/ul	427564	Naphthalene-d8	10.47

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-4-nitro-	157	C6H4ClNO2	000100-00-5	97
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100818\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

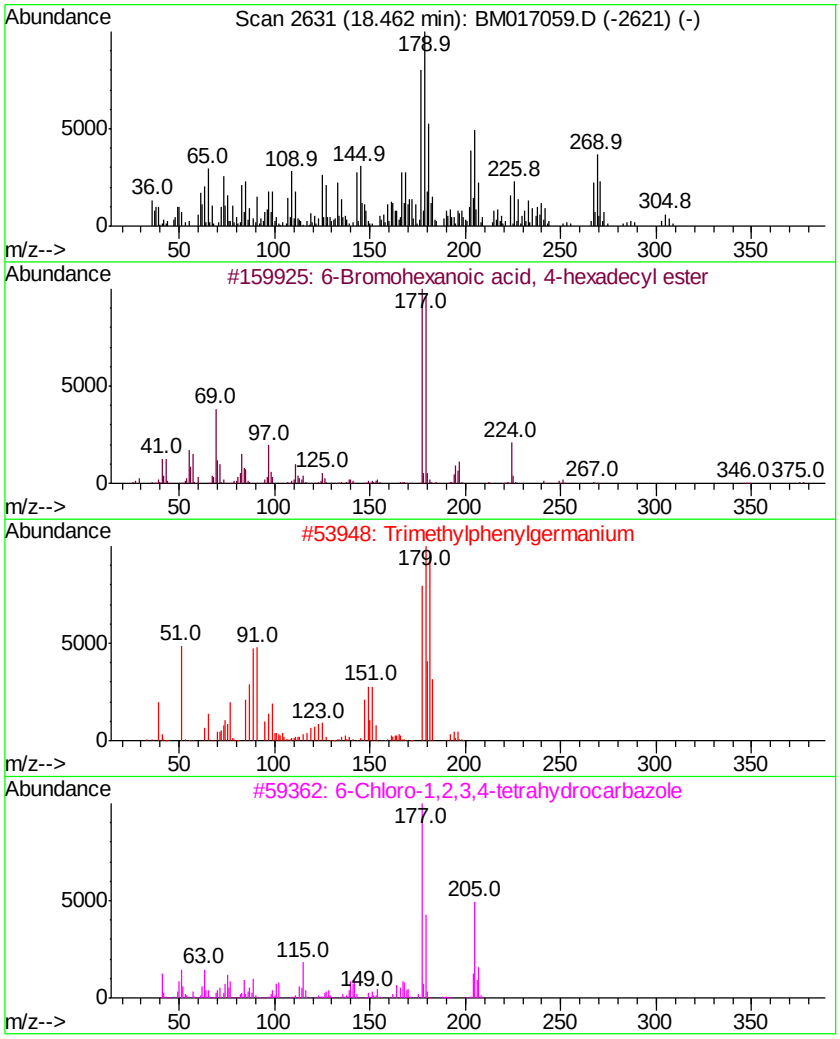
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

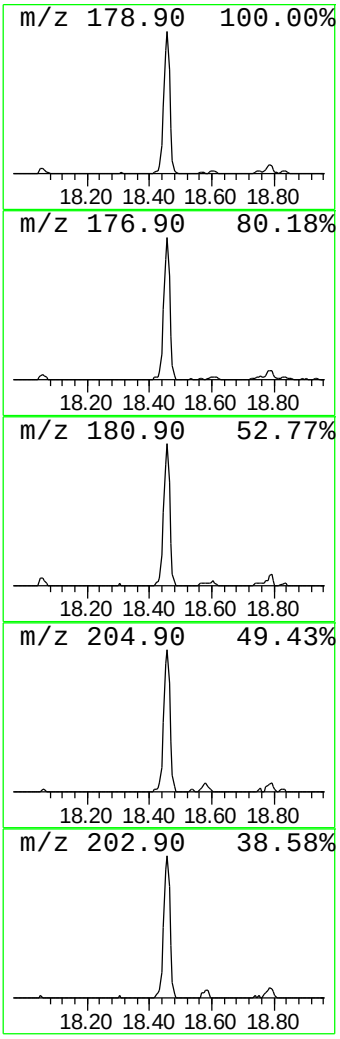
****

Peak Number 8 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	9.79 ng/ul	1186080	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromohexanoic acid, 4-hexadecv...	418	C22H43BrO2	1000282-90-6	38
2	Trimethylphenylgermanium	196	C9H14Ge	001626-00-2	35
3	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	30
4	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	25
5	2-Amino-4,6-dichlorophenol	177	C6H5Cl2NO	000527-62-8	22





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-chloro...	11.07	22.7	ng/ul	1947840	2	10.47	1716600	20.0
Benzene, 1-chloro...	11.29	5.0	ng/ul	427564	2	10.47	1716600	20.0
unknown-01	18.46	9.8	ng/ul	1186080	4	17.08	2423910	20.0