

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022619\
 Data File : BN004518.D
 Acq On : 27 Feb 2019 02:37
 Operator : JU/SJ
 Sample : K1623-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C09R3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.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	3.234	39	42	48	rVB2	3194	5226	0.31%	0.034%
2	5.075	350	355	364	rBB	77622	119344	7.02%	0.766%
3	6.899	660	665	672	rBB	21938	33550	1.97%	0.215%
4	7.075	690	695	707	rBB	81901	122781	7.22%	0.788%
5	7.263	722	727	737	rBB	97613	157676	9.28%	1.012%
6	7.458	757	760	763	rBB	1507	1789	0.11%	0.011%
7	7.622	784	788	793	rBB	19731	28036	1.65%	0.180%
8	7.740	802	808	810	rBV	99635	156789	9.23%	1.006%
9	7.769	810	813	820	rVB	193753	303948	17.89%	1.950%
10	8.087	860	867	874	rBB	857877	1379461	81.17%	8.850%
11	8.428	920	925	932	rBB	77501	116457	6.85%	0.747%
12	8.899	999	1005	1008	rBV	117153	192495	11.33%	1.235%
13	8.946	1008	1013	1021	rVB	519364	817750	48.12%	5.246%
14	9.610	1120	1126	1136	rBB	102861	168245	9.90%	1.079%
15	10.140	1210	1216	1223	rBB	171398	266947	15.71%	1.713%
16	10.205	1224	1227	1230	rBB	2334	2935	0.17%	0.019%
17	10.299	1239	1243	1246	rBB	2636	3678	0.22%	0.024%
18	10.381	1251	1257	1264	rBB	337611	551977	32.48%	3.541%
19	10.522	1274	1281	1288	rBV	161938	264033	15.54%	1.694%
20	10.663	1301	1305	1309	rBB	1960	2920	0.17%	0.019%
21	10.904	1339	1346	1352	rBB	228214	365086	21.48%	2.342%
22	11.128	1377	1384	1391	rBB	423416	680325	40.03%	4.365%
23	11.340	1414	1420	1427	rBB	95555	163539	9.62%	1.049%
24	11.822	1498	1502	1507	rBB2	11863	15643	0.92%	0.100%
25	12.110	1548	1551	1554	rBB	2180	2719	0.16%	0.017%
26	12.510	1614	1619	1622	rBV	17500	23630	1.39%	0.152%
27	12.551	1622	1626	1631	rVB	16589	22603	1.33%	0.145%
28	12.793	1663	1667	1670	rBB2	3664	4219	0.25%	0.027%
29	12.951	1690	1694	1698	rBB	13885	17997	1.06%	0.115%
30	13.163	1725	1730	1737	rBB	128691	194851	11.47%	1.250%
31	13.281	1748	1750	1753	rBB	2411	2121	0.12%	0.014%
32	13.340	1756	1760	1763	rBB	5957	6960	0.41%	0.045%
33	13.381	1763	1767	1772	rBB2	11704	16517	0.97%	0.106%
34	13.787	1827	1836	1842	rBV	357194	509691	29.99%	3.270%

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35	13.834	1842	1844	1848	rVB	3811	3904	0.23%	0.025%
36	14.069	1878	1884	1892	rBB	411233	591213	34.79%	3.793%
37	14.375	1930	1936	1944	rBB2	260184	390529	22.98%	2.505%
38	14.569	1965	1969	1974	rBB	28743	38623	2.27%	0.248%
39	14.687	1986	1989	1992	rVB	2348	2812	0.17%	0.018%
40	14.857	2015	2018	2021	rBB	5054	4441	0.26%	0.028%
41	14.998	2039	2042	2045	rBB	2502	2515	0.15%	0.016%
42	15.116	2059	2062	2065	rBB	3976	4588	0.27%	0.029%
43	15.369	2099	2105	2111	rVB	544114	763860	44.95%	4.901%
44	15.487	2120	2125	2131	rBB	117729	147702	8.69%	0.948%
45	15.610	2142	2146	2149	rBB2	4888	5551	0.33%	0.036%
46	16.351	2267	2272	2275	rBB	26856	29682	1.75%	0.190%
47	16.687	2326	2329	2331	rBB	6818	5945	0.35%	0.038%
48	16.769	2339	2343	2346	rBB	5693	6633	0.39%	0.043%
49	16.928	2364	2370	2373	rBB2	7471	9710	0.57%	0.062%
50	17.122	2397	2403	2409	rBV2	358969	497534	29.28%	3.192%
51	17.222	2414	2420	2428	rBB2	641788	867383	51.04%	5.565%
52	17.322	2432	2437	2440	rBB2	1935	2131	0.13%	0.014%
53	17.363	2440	2444	2449	rBV3	3030	6620	0.39%	0.042%
54	17.745	2506	2509	2512	rVB2	3639	3463	0.20%	0.022%
55	18.004	2549	2553	2557	rBV2	4972	5345	0.31%	0.034%
56	18.098	2564	2569	2574	rVB2	11047	10804	0.64%	0.069%
57	18.498	2630	2637	2642	rBB	309448	391528	23.04%	2.512%
58	18.622	2655	2658	2665	rVB	7689	9113	0.54%	0.058%
59	18.833	2691	2694	2697	rVB2	2169	2320	0.14%	0.015%
60	19.157	2745	2749	2752	rBV2	6152	7366	0.43%	0.047%
61	19.292	2769	2772	2777	rBV2	5872	6226	0.37%	0.040%
62	19.410	2788	2792	2798	rBV	4943	6079	0.36%	0.039%
63	19.522	2805	2811	2820	rBV	824647	1144539	67.35%	7.343%
64	20.345	2947	2951	2954	rBV2	3693	4515	0.27%	0.029%
65	20.557	2983	2987	2989	rBV3	2631	2962	0.17%	0.019%
66	21.016	3062	3065	3071	rVB2	6408	8774	0.52%	0.056%
67	21.316	3111	3116	3122	rBV	660772	816427	48.04%	5.238%
68	21.457	3137	3140	3144	rBV	10085	10087	0.59%	0.065%
69	21.892	3210	3214	3218	rVB	17245	20056	1.18%	0.129%
70	22.357	3289	3293	3299	rBV	33400	43304	2.55%	0.278%
71	22.869	3376	3380	3385	rVB	44032	60528	3.56%	0.388%

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72	23.439	3469	3477	3486	rBV	901103	1699456	100.00%	10.903%
73	23.586	3494	3502	3512	rVB2	499271	933270	54.92%	5.987%
74	24.086	3582	3587	3596	rVB	46586	88523	5.21%	0.568%
75	24.839	3709	3715	3724	rVB	40582	89638	5.27%	0.575%
76	25.721	3859	3865	3875	rVB	25654	66287	3.90%	0.425%
77	26.757	4035	4041	4051	rVB3	18812	53293	3.14%	0.342%

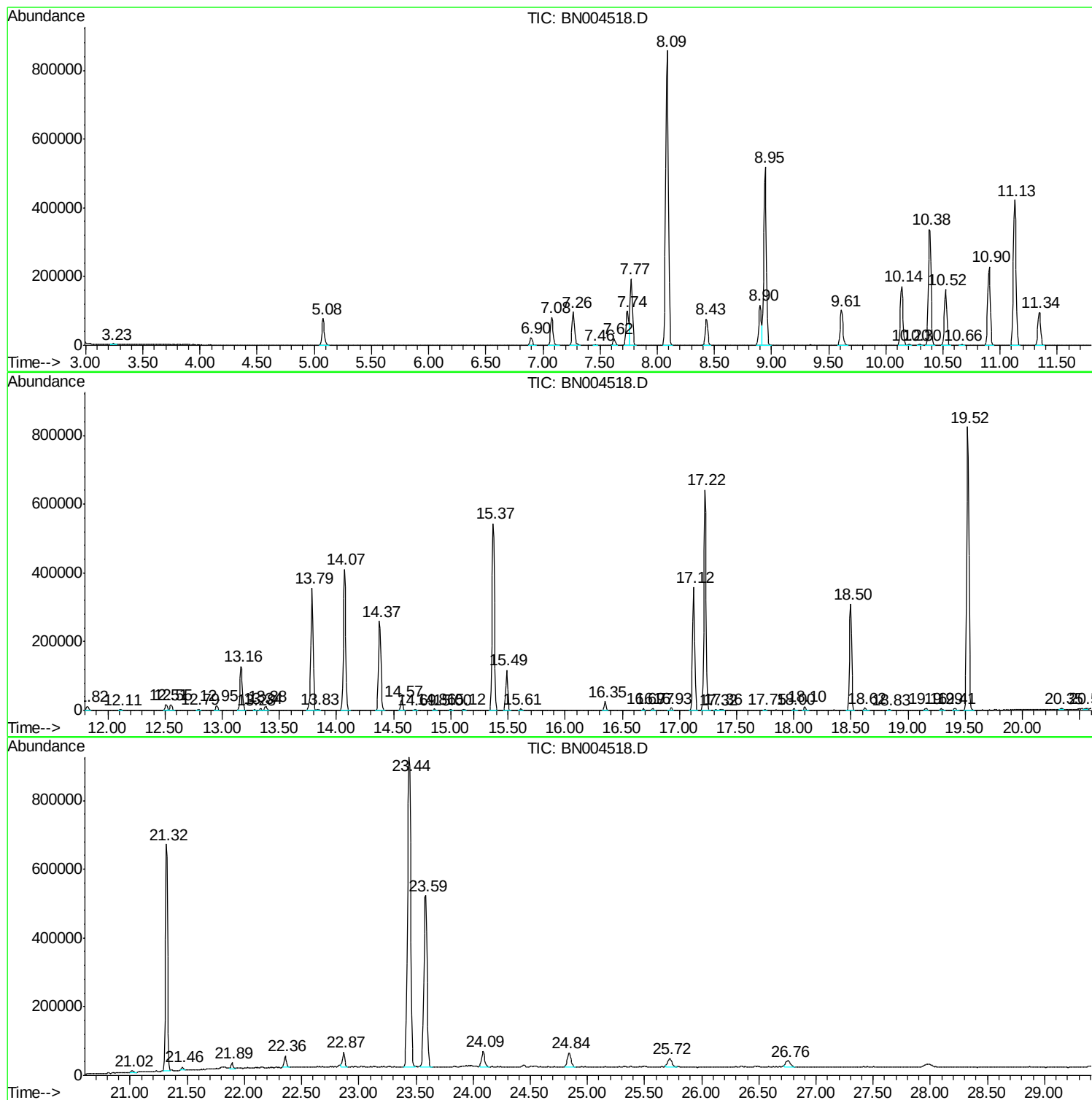
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

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



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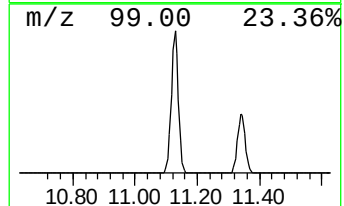
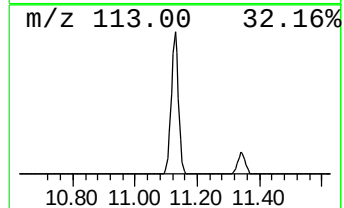
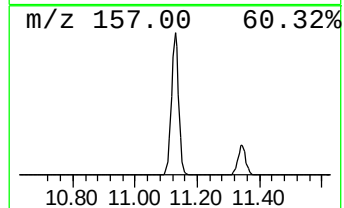
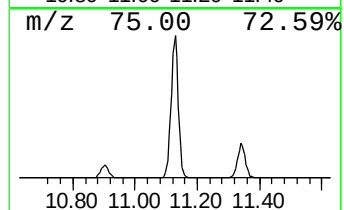
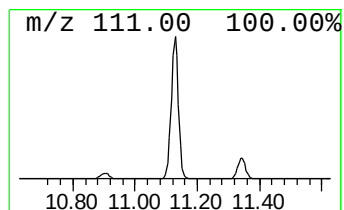
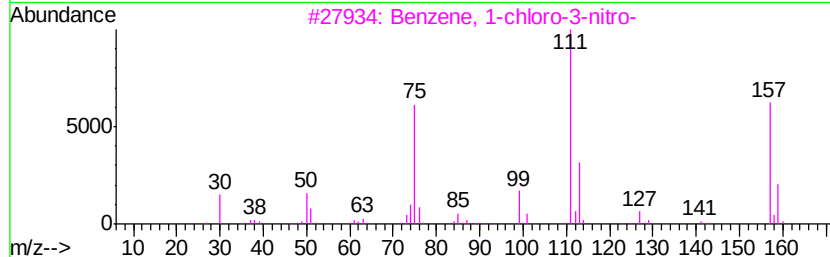
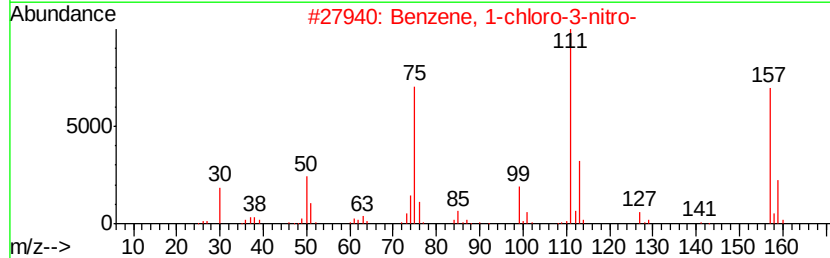
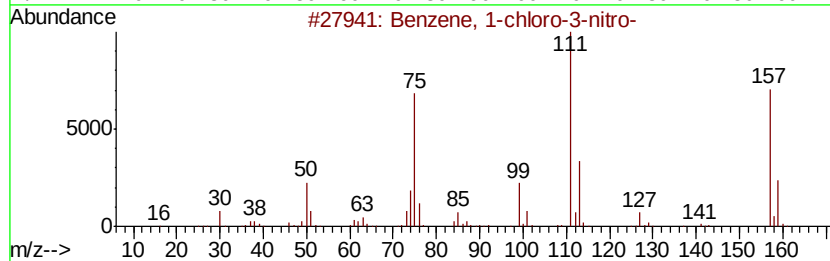
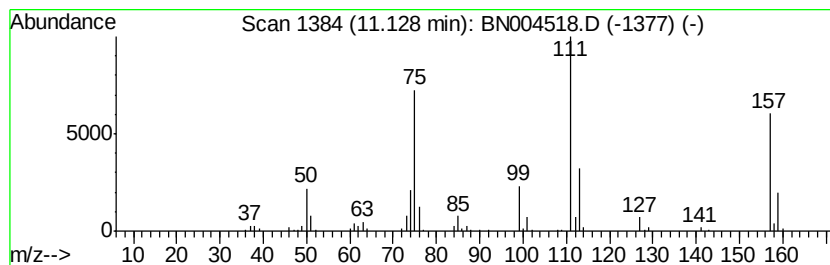
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

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.
11.13	51.53 ng/ul	680325	Naphthalene-d8	10.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98	
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	94	
5	Benzene,	1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90	



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Instrument :
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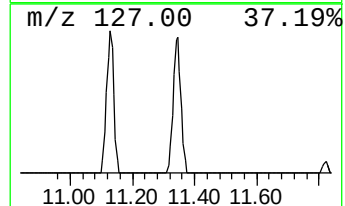
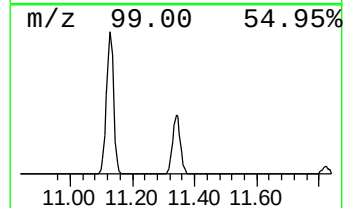
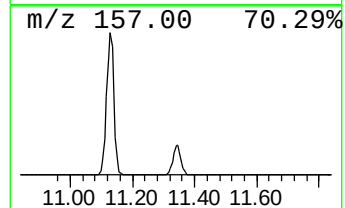
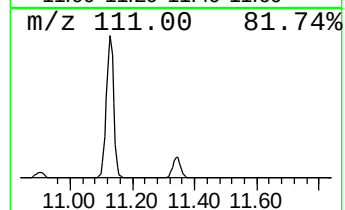
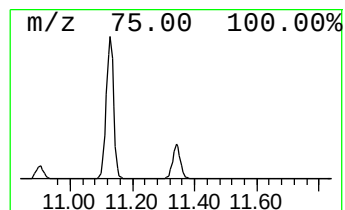
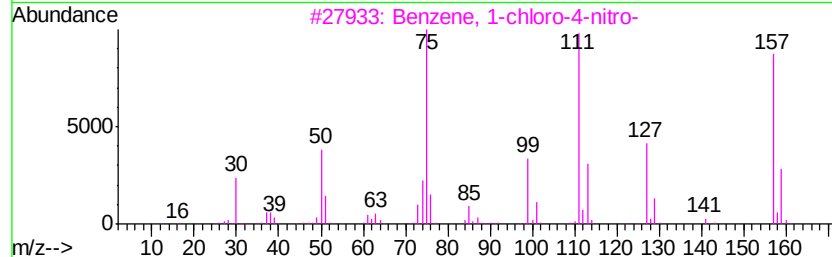
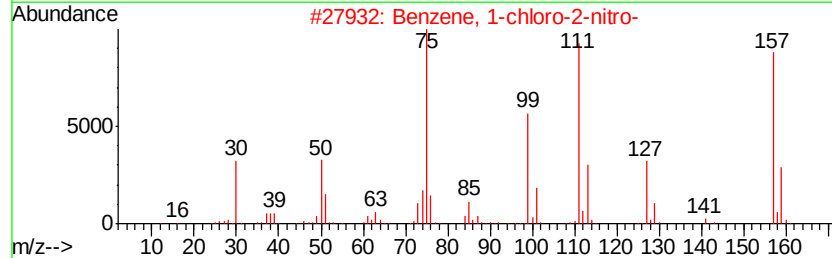
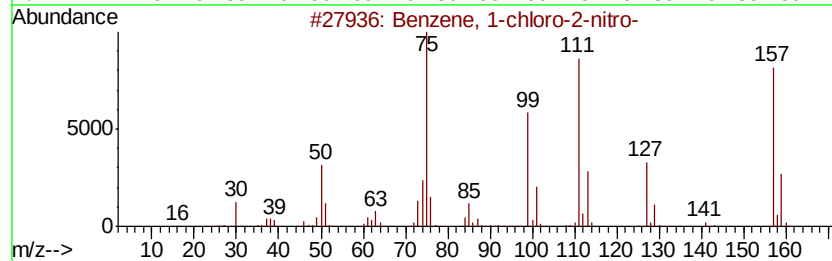
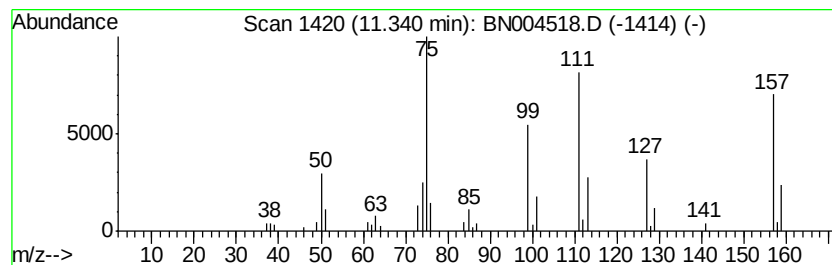
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

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.
11.34	12.39 ng/ul	163539	Naphthalene-d8	10.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	98
4		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96



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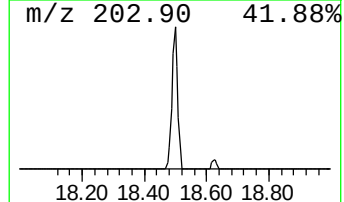
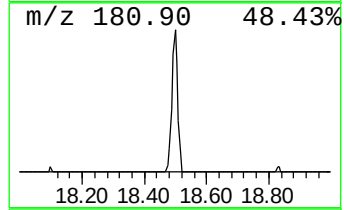
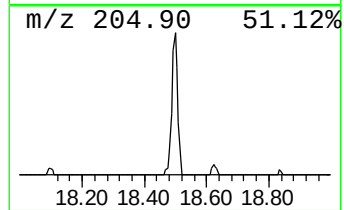
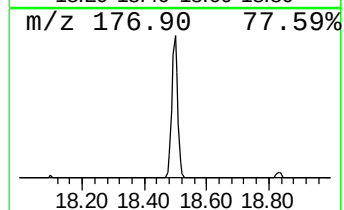
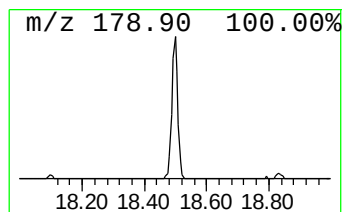
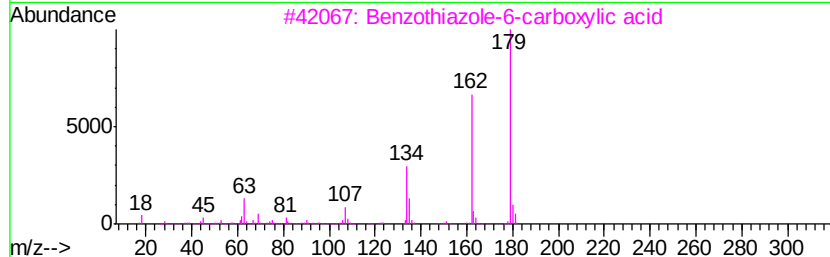
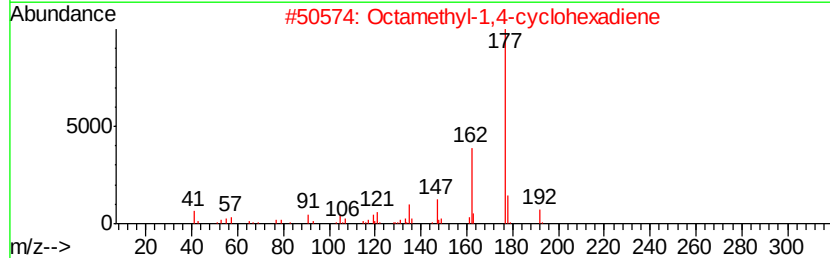
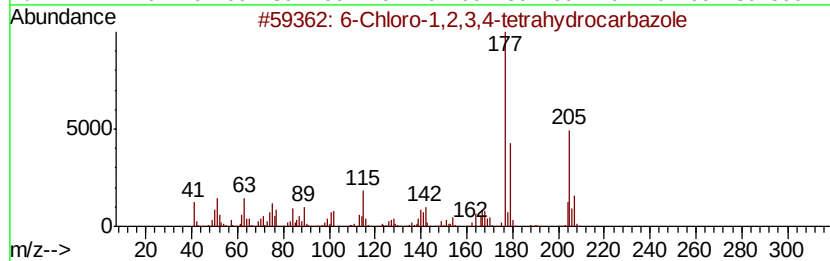
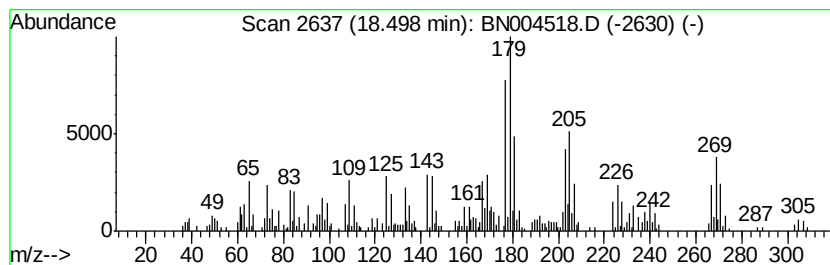
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 8 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	15.74 ng/ul	391528	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	38
2		Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	25
3		Benzothiazole-6-carboxylic acid	179	C8H5N02S	003622-35-3	25
4		4-Chloro-3-quinolinol	179	C9H6ClNO	032435-60-2	18
5		3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	15



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-chloro...	11.13	51.5	ng/ul	680325	2	10.52	264033	20.0
Benzene, 1-chloro...	11.34	12.4	ng/ul	163539	2	10.52	264033	20.0
unknown-01	18.50	15.7	ng/ul	391528	4	17.12	497534	20.0