

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005778.D
 Acq On : 19 May 2019 06:18
 Operator : JU/SJ
 Sample : K2742-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C26

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-BN051819MA.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	4.952	330	334	342	rVB	217696	345531	7.74%	0.679%
2	6.769	638	643	655	rVB	67674	135167	3.03%	0.265%
3	6.916	663	668	678	rBV	280006	454176	10.17%	0.892%
4	7.110	696	701	714	rVB	324644	578511	12.95%	1.136%
5	7.463	756	761	766	rVB	57537	90804	2.03%	0.178%
6	7.569	773	779	782	rBV	384481	649072	14.53%	1.275%
7	7.605	782	785	798	rVB	452042	705433	15.79%	1.385%
8	7.916	830	838	849	rVB	2230762	3733732	83.59%	7.333%
9	8.281	895	900	913	rVB	218328	432508	9.68%	0.849%
10	8.716	968	974	977	rBV	441266	754544	16.89%	1.482%
11	8.763	977	982	999	rVB	1668712	2788699	62.44%	5.477%
12	9.363	1080	1084	1087	rBV5	5460	8200	0.18%	0.016%
13	9.434	1090	1096	1112	rVB	378219	706601	15.82%	1.388%
14	9.975	1181	1188	1200	rBV	454684	922097	20.64%	1.811%
15	10.199	1220	1226	1235	rBV	828049	1378160	30.86%	2.707%
16	10.328	1240	1248	1256	rBV	596737	984076	22.03%	1.933%
17	10.716	1305	1314	1324	rBV	615944	1029837	23.06%	2.023%
18	10.940	1345	1352	1370	rBV	1444990	2575973	57.67%	5.059%
19	11.157	1382	1389	1412	rVB	257042	653646	14.63%	1.284%
20	11.622	1463	1468	1472	rVB3	8974	11792	0.26%	0.023%
21	11.675	1472	1477	1485	rBV2	38300	77108	1.73%	0.151%
22	11.940	1518	1522	1531	rVB3	7385	14349	0.32%	0.028%
23	12.357	1587	1593	1597	rBV2	64045	120965	2.71%	0.238%
24	12.393	1597	1599	1605	rVB3	40671	54720	1.23%	0.107%
25	12.645	1636	1642	1649	rBV5	9625	18710	0.42%	0.037%
26	12.804	1663	1669	1677	rBV3	48216	86871	1.94%	0.171%
27	13.004	1697	1703	1714	rBV	305581	521937	11.69%	1.025%
28	13.181	1729	1733	1737	rVB3	22344	29642	0.66%	0.058%
29	13.216	1737	1739	1745	rVB2	14342	19447	0.44%	0.038%
30	13.281	1745	1750	1760	rVB2	21585	40186	0.90%	0.079%
31	13.628	1802	1809	1816	rVV	1209912	1839363	41.18%	3.612%
32	13.716	1816	1824	1835	rVB7	42671	134207	3.00%	0.264%
33	13.898	1848	1855	1865	rBV	1350072	2036372	45.59%	3.999%
34	13.975	1865	1868	1873	rVB7	4098	6220	0.14%	0.012%

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35	14.210	1901	1908	1918	rBV2	957763	1459448	32.68%	2.866%
36	14.281	1918	1920	1927	rVB4	5246	7029	0.16%	0.014%
37	14.492	1948	1956	1963	rBV5	41150	115135	2.58%	0.226%
38	14.545	1963	1965	1973	rVB6	16371	32381	0.72%	0.064%
39	14.722	1990	1995	2002	rBV3	19124	30831	0.69%	0.061%
40	14.875	2017	2021	2028	rBV2	8028	12216	0.27%	0.024%
41	14.975	2032	2038	2044	rBV2	21808	31840	0.71%	0.063%
42	15.210	2071	2078	2088	rBV	1778712	2612896	58.50%	5.132%
43	15.369	2100	2105	2116	rBV	466582	883153	19.77%	1.734%
44	15.457	2116	2120	2128	rVB3	26270	46096	1.03%	0.091%
45	15.798	2173	2178	2183	rVB5	8111	10363	0.23%	0.020%
46	15.998	2208	2212	2215	rBV3	6794	8577	0.19%	0.017%
47	16.034	2215	2218	2224	rVB4	3871	5962	0.13%	0.012%
48	16.210	2244	2248	2254	rVB4	4925	6816	0.15%	0.013%
49	16.375	2271	2276	2281	rVB3	11958	14388	0.32%	0.028%
50	16.557	2305	2307	2312	rBV3	3064	4737	0.11%	0.009%
51	16.657	2319	2324	2334	rVB8	8170	15092	0.34%	0.030%
52	16.763	2337	2342	2343	rBV2	4185	5379	0.12%	0.011%
53	16.792	2343	2347	2358	rVB	31956	53809	1.20%	0.106%
54	16.969	2370	2377	2387	rBV	1392466	1940247	43.44%	3.811%
55	17.069	2387	2394	2407	rVV2	2003576	3077921	68.91%	6.045%
56	17.169	2407	2411	2415	rVV4	22218	36124	0.81%	0.071%
57	17.210	2415	2418	2425	rVB4	22644	35288	0.79%	0.069%
58	17.357	2437	2443	2446	rBV4	5013	8700	0.19%	0.017%
59	17.610	2480	2486	2492	rVB3	12119	19764	0.44%	0.039%
60	17.716	2499	2504	2510	rBV5	16172	25100	0.56%	0.049%
61	17.880	2529	2532	2539	rBV2	28292	52539	1.18%	0.103%
62	17.945	2539	2543	2547	rVV5	26639	36767	0.82%	0.072%
63	18.063	2560	2563	2571	rVB3	7778	11134	0.25%	0.022%
64	18.345	2603	2611	2621	rBV	1107803	1577289	35.31%	3.098%
65	18.433	2621	2626	2628	rVV2	9605	14240	0.32%	0.028%
66	18.480	2628	2634	2640	rVB4	47835	67010	1.50%	0.132%
67	18.645	2658	2662	2665	rBV3	8799	11290	0.25%	0.022%
68	18.686	2665	2669	2672	rVV4	7779	8951	0.20%	0.018%
69	18.733	2672	2677	2681	rVB4	7957	11355	0.25%	0.022%
70	18.839	2690	2695	2700	rVB6	5329	8187	0.18%	0.016%
71	19.016	2721	2725	2730	rVB	21057	29177	0.65%	0.057%

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72	19.180	2746	2753	2760	rBV7	25073	52355	1.17%	0.103%
73	19.269	2764	2768	2774	rVB	20207	28935	0.65%	0.057%
74	19.380	2781	2787	2802	rBV	2804497	3838457	85.94%	7.539%
75	19.927	2875	2880	2882	rBV4	11498	18585	0.42%	0.037%
76	20.445	2965	2968	2975	rBV7	10401	15515	0.35%	0.030%
77	20.604	2992	2995	2997	rBV4	4344	5090	0.11%	0.010%
78	20.921	3045	3049	3053	rVB4	16841	19345	0.43%	0.038%
79	20.992	3059	3061	3064	rBV4	6336	7025	0.16%	0.014%
80	21.198	3091	3096	3111	rBV	1726036	2526805	56.57%	4.963%
81	21.363	3120	3124	3127	rBV2	29642	34487	0.77%	0.068%
82	21.792	3193	3197	3202	rVB	56449	62591	1.40%	0.123%
83	22.245	3269	3274	3278	rBV	105006	131401	2.94%	0.258%
84	22.733	3353	3357	3363	rVB	121047	170935	3.83%	0.336%
85	23.263	3439	3447	3460	rBV2	2272351	4466510	100.00%	8.772%
86	23.404	3463	3471	3485	rVB	1298431	2631604	58.92%	5.168%
87	23.904	3551	3556	3563	rVB	140622	248195	5.56%	0.487%
88	24.627	3673	3679	3686	rVB2	110340	235887	5.28%	0.463%
89	25.457	3816	3820	3828	rVB3	75491	157964	3.54%	0.310%

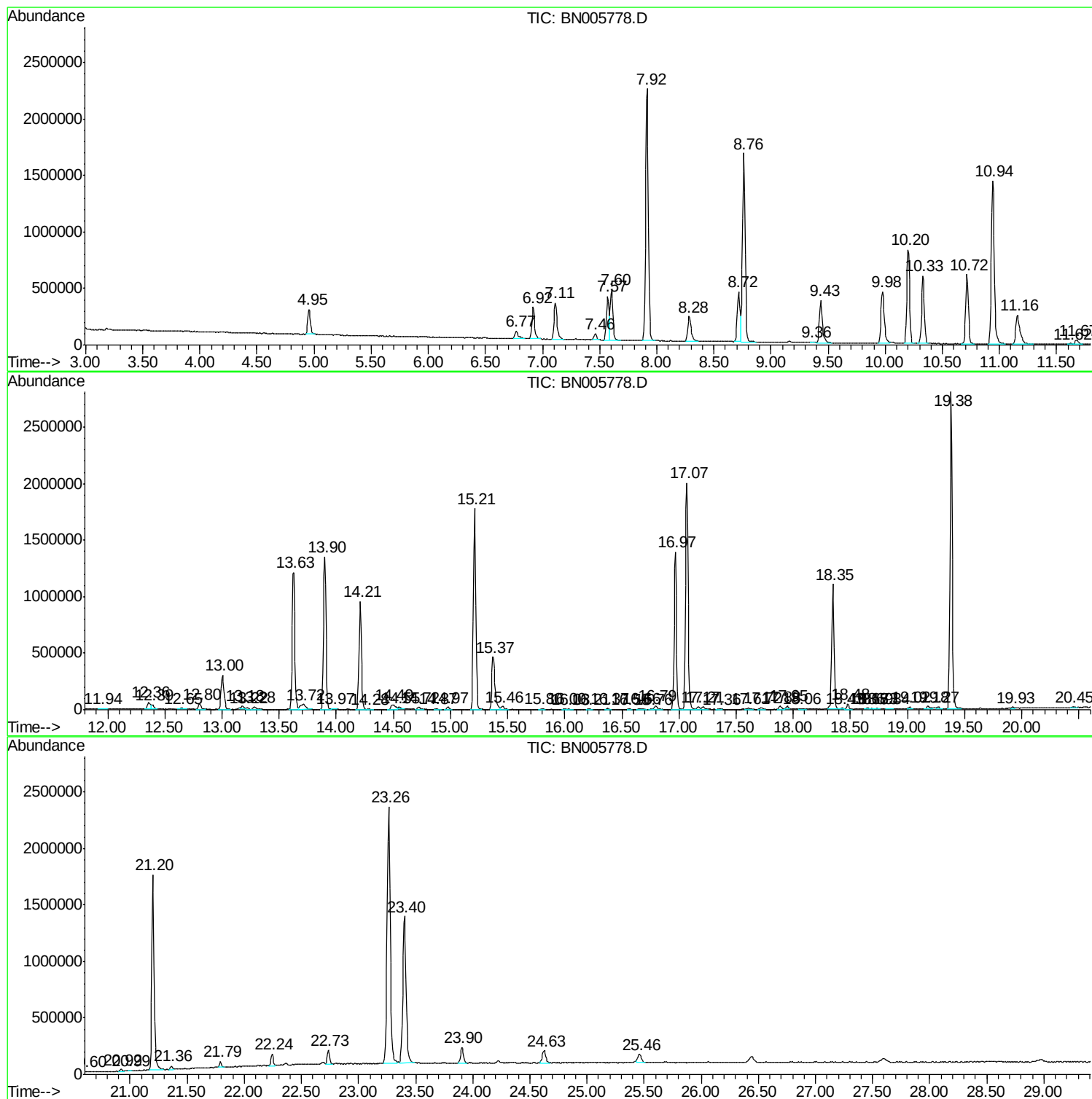
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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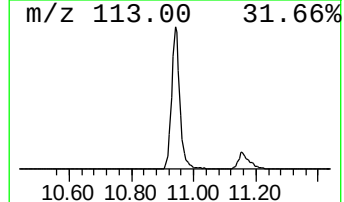
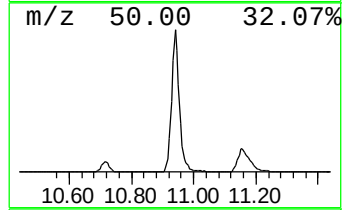
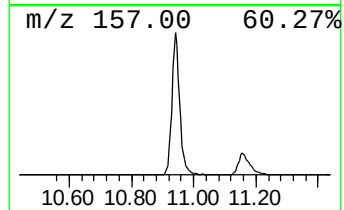
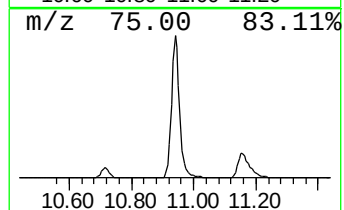
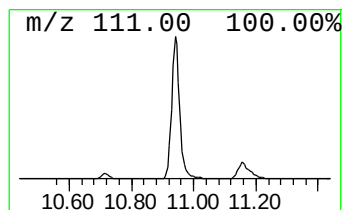
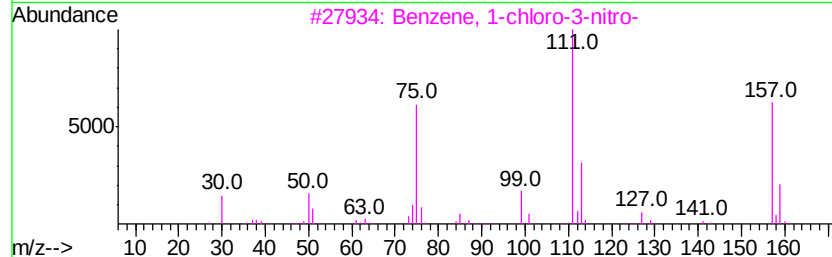
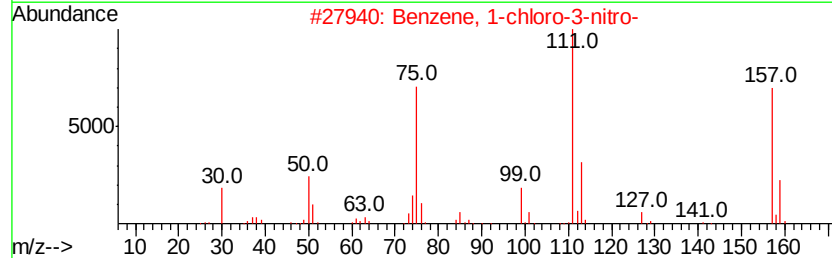
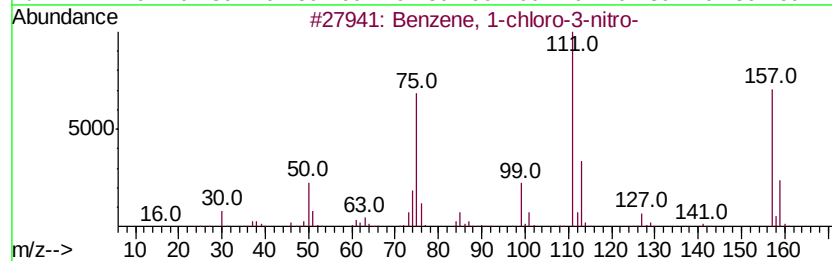
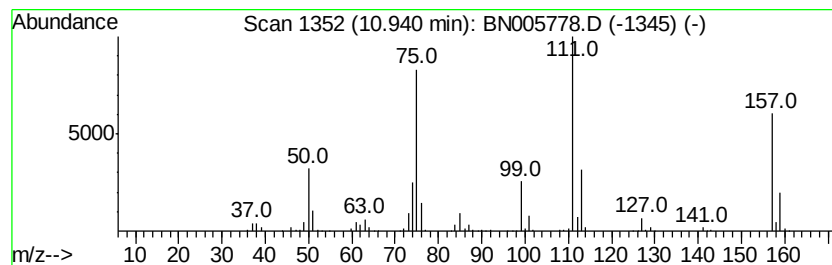
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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.
10.94	52.35 ng/ul	2575970	Naphthalene-d8	10.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	95
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94



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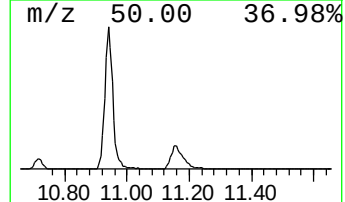
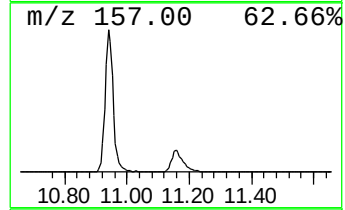
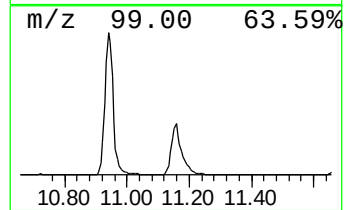
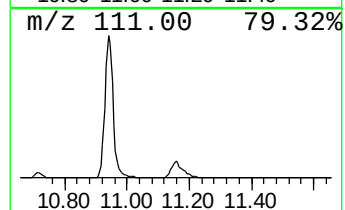
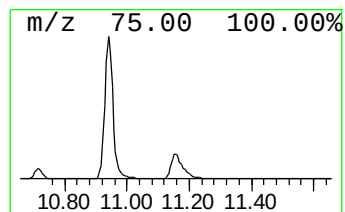
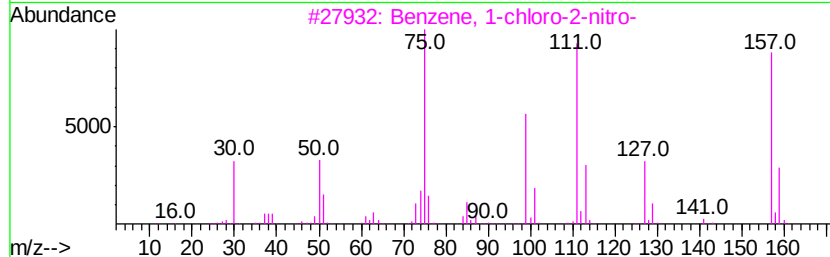
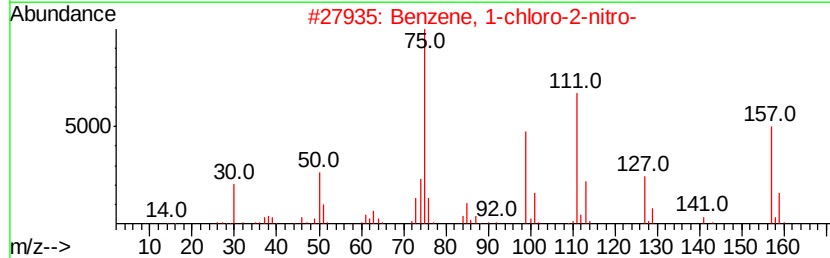
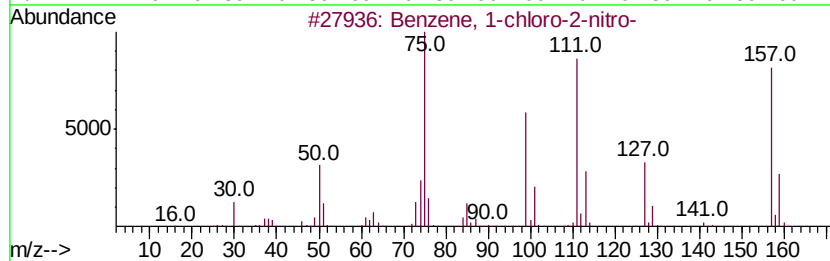
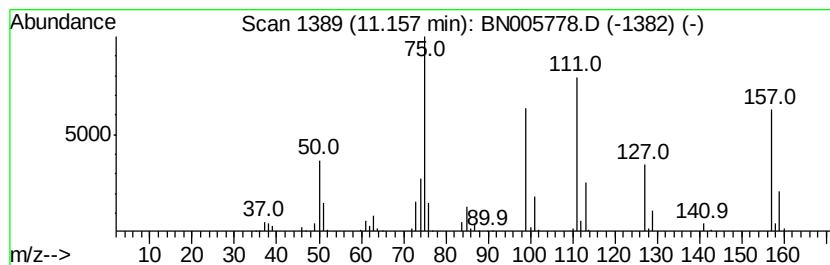
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	13.28 ng/ul	653646	Napthalene-d8	10.33

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



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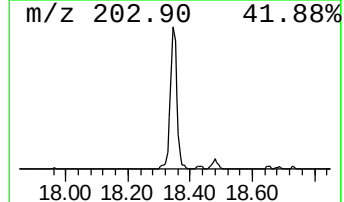
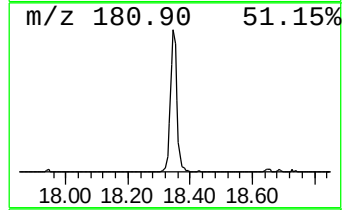
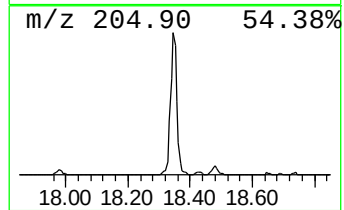
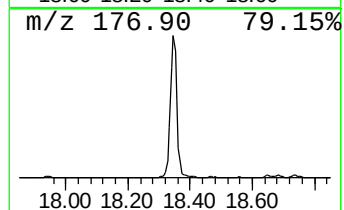
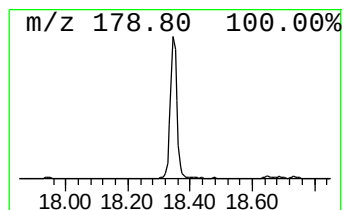
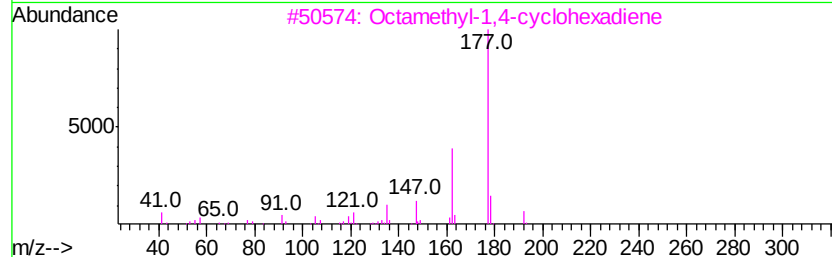
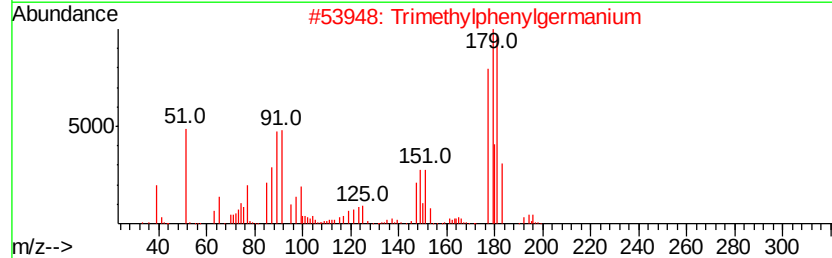
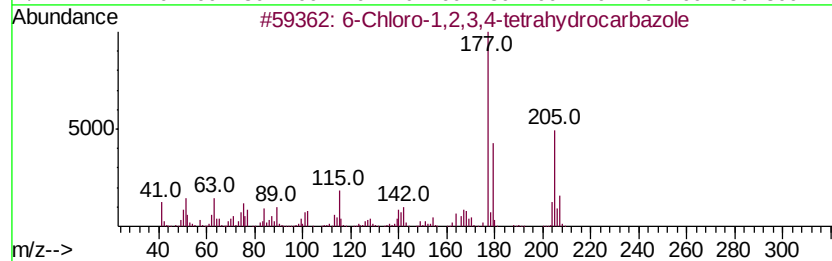
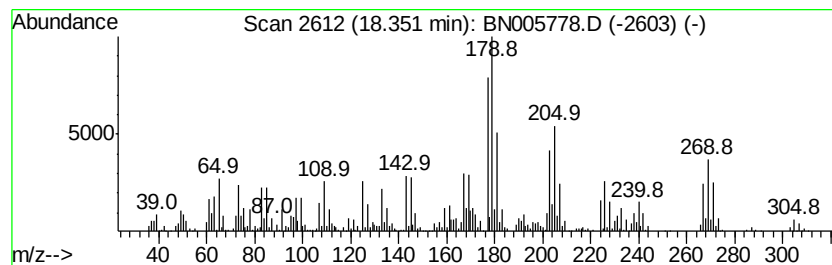
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 8 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	16.26 ng/ul	1577290	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	30
2		Trimethylphenylgermanium	196	C9H14Ge	001626-00-2	27
3		Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	25
4		4-Chloro-3-quinolinol	179	C9H6ClNO	032435-60-2	18
5		2,4,6-Trifluoronitrobenzene	177	C6H2F3NO2	000315-14-0	18



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-chloro...	10.94	52.4	ng/ul	2575970	2	10.33	984076	20.0
Benzene, 1-chloro...	11.16	13.3	ng/ul	653646	2	10.33	984076	20.0
unknown-01	18.35	16.3	ng/ul	1577290	4	16.97	1940250	20.0