

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008583.D
 Acq On : 15 Nov 2019 09:59
 Operator : JU
 Sample : K5739-03DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0CR1DL

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-BN111319MA.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	3.922	157	159	165	rBV4	20213	27699	0.45%	0.055%
2	5.005	339	343	348	rBV2	32934	51452	0.84%	0.102%
3	5.205	375	377	381	rVB4	5431	6414	0.11%	0.013%
4	6.028	515	517	520	rBV4	4681	6753	0.11%	0.013%
5	6.334	566	569	574	rBV6	6883	11555	0.19%	0.023%
6	6.416	581	583	586	rVB4	6368	7139	0.12%	0.014%
7	6.811	645	650	664	rVB2	80952	173668	2.85%	0.345%
8	6.975	671	678	688	rVB	221942	360710	5.91%	0.716%
9	7.169	705	711	720	rBV	259394	420265	6.89%	0.834%
10	7.528	768	772	774	rBV5	7861	11068	0.18%	0.022%
11	7.628	782	789	801	rBV	1582051	2593687	42.52%	5.150%
12	7.787	813	816	820	rVB6	4222	6396	0.10%	0.013%
13	7.981	843	849	855	rVB	290026	473813	7.77%	0.941%
14	8.263	894	897	900	rBV4	4604	6300	0.10%	0.013%
15	8.328	903	908	918	rVB	212266	350443	5.75%	0.696%
16	8.763	974	982	985	rBV	302559	510492	8.37%	1.014%
17	8.810	985	990	997	rVB	1252654	2072230	33.97%	4.114%
18	9.228	1055	1061	1064	rBV4	11649	20489	0.34%	0.041%
19	9.263	1064	1067	1069	rVB2	8675	9864	0.16%	0.020%
20	9.481	1098	1104	1117	rVB2	232626	425320	6.97%	0.844%
21	10.016	1188	1195	1203	rBV	386671	616488	10.11%	1.224%
22	10.257	1229	1236	1243	rBV	143781	244276	4.00%	0.485%
23	10.393	1250	1259	1267	rBV	2149885	3564229	58.43%	7.077%
24	10.528	1276	1282	1287	rVB3	28729	47022	0.77%	0.093%
25	10.775	1317	1324	1331	rVB	135728	226649	3.72%	0.450%
26	10.981	1350	1359	1367	rBV	1059671	1686769	27.65%	3.349%
27	11.193	1386	1395	1404	rVB	252002	421350	6.91%	0.837%
28	11.681	1471	1478	1484	rBV4	32988	60735	1.00%	0.121%
29	11.746	1486	1489	1493	rVB5	8020	11906	0.20%	0.024%
30	11.981	1525	1529	1534	rBV7	8144	16082	0.26%	0.032%
31	12.369	1591	1595	1603	rVB5	41360	65015	1.07%	0.129%
32	12.663	1641	1645	1649	rVB5	11400	16479	0.27%	0.033%
33	12.816	1667	1671	1677	rVB4	42952	65815	1.08%	0.131%
34	12.881	1677	1682	1686	rVB6	5880	9186	0.15%	0.018%

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35	12.951	1692	1694	1698	rVB4	5068	6292	0.10%	0.012%
36	13.045	1704	1710	1717	rBV3	99364	167339	2.74%	0.332%
37	13.145	1724	1727	1732	rBV5	13927	19972	0.33%	0.040%
38	13.204	1732	1737	1741	rVB5	20745	29426	0.48%	0.058%
39	13.257	1741	1746	1752	rBV5	31687	51963	0.85%	0.103%
40	13.640	1805	1811	1812	rBV3	59456	90653	1.49%	0.180%
41	13.669	1812	1816	1821	rVV	795135	1084253	17.78%	2.153%
42	13.716	1821	1824	1829	rVB	67105	96768	1.59%	0.192%
43	13.816	1839	1841	1846	rBV4	4263	8501	0.14%	0.017%
44	13.892	1850	1854	1856	rBV4	10061	10943	0.18%	0.022%
45	13.940	1856	1862	1869	rVB	792373	1169290	19.17%	2.322%
46	14.010	1872	1874	1877	rBV3	5353	6289	0.10%	0.012%
47	14.251	1908	1915	1923	rBV	3207057	4886177	80.10%	9.701%
48	14.445	1943	1948	1956	rBV2	70747	119387	1.96%	0.237%
49	14.528	1960	1962	1967	rVB4	13483	15164	0.25%	0.030%
50	14.657	1979	1984	1985	rBV4	4969	7050	0.12%	0.014%
51	14.740	1994	1998	2001	rVB4	24865	31536	0.52%	0.063%
52	15.016	2042	2045	2048	rVB4	12080	15668	0.26%	0.031%
53	15.087	2055	2057	2060	rVB3	5584	6528	0.11%	0.013%
54	15.181	2071	2073	2076	rVB4	7300	6332	0.10%	0.013%
55	15.251	2076	2085	2092	rBV	1037910	1513869	24.82%	3.006%
56	15.363	2099	2104	2113	rBV2	223720	324028	5.31%	0.643%
57	15.487	2122	2125	2130	rVB7	12627	15869	0.26%	0.032%
58	15.563	2135	2138	2140	rVB3	5943	6299	0.10%	0.013%
59	15.592	2140	2143	2148	rBV6	5639	9982	0.16%	0.020%
60	15.822	2178	2182	2186	rVB5	9223	9107	0.15%	0.018%
61	15.904	2192	2196	2197	rVB	6503	6641	0.11%	0.013%
62	15.992	2207	2211	2214	rBV4	8832	13133	0.22%	0.026%
63	16.116	2229	2232	2234	rBV4	5354	6671	0.11%	0.013%
64	16.222	2245	2250	2255	rBV6	45722	61585	1.01%	0.122%
65	16.275	2257	2259	2264	rVB5	6951	7997	0.13%	0.016%
66	16.392	2276	2279	2282	rVV5	8608	13128	0.22%	0.026%
67	16.445	2286	2288	2292	rVB4	8344	6444	0.11%	0.013%
68	16.557	2299	2307	2311	rBV9	24270	33365	0.55%	0.066%
69	16.781	2341	2345	2346	rBV3	19148	19839	0.33%	0.039%
70	16.998	2375	2382	2390	rBV	4104334	5664804	92.87%	11.247%
71	17.092	2392	2398	2405	rBV2	1193752	1673035	27.43%	3.322%

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72	17.192	2412	2415	2418	rBV5	15085	18208	0.30%	0.036%
73	17.233	2418	2422	2427	rVV8	12531	25152	0.41%	0.050%
74	17.275	2427	2429	2434	rVB5	7271	9901	0.16%	0.020%
75	17.363	2440	2444	2447	rBV5	11811	16419	0.27%	0.033%
76	17.616	2484	2487	2491	rBV6	10407	16428	0.27%	0.033%
77	17.704	2496	2502	2507	rBV6	14700	25651	0.42%	0.051%
78	17.922	2536	2539	2542	rBV5	20380	23224	0.38%	0.046%
79	17.963	2544	2546	2550	rVB5	16115	16339	0.27%	0.032%
80	18.333	2606	2609	2610	rBV3	16674	14806	0.24%	0.029%
81	18.369	2610	2615	2621	rVB2	775492	1036590	16.99%	2.058%
82	18.445	2626	2628	2631	rVV3	10635	12479	0.20%	0.025%
83	18.498	2633	2637	2644	rVB10	32949	52099	0.85%	0.103%
84	18.669	2661	2666	2667	rBV5	17748	22709	0.37%	0.045%
85	18.698	2669	2671	2676	rVV6	32287	41616	0.68%	0.083%
86	18.739	2676	2678	2684	rVB7	11741	18834	0.31%	0.037%
87	19.392	2783	2789	2797	rBV	1407853	1926703	31.59%	3.825%
88	20.945	3050	3053	3057	rBV4	105631	148079	2.43%	0.294%
89	20.992	3058	3061	3066	rVB	131555	163812	2.69%	0.325%
90	21.192	3090	3095	3102	rBV	4912249	6099814	100.00%	12.111%
91	22.280	3277	3280	3285	rVB2	216622	263841	4.33%	0.524%
92	22.774	3361	3364	3369	rVB	285925	406031	6.66%	0.806%
93	23.233	3437	3442	3451	rVB	984436	1740935	28.54%	3.457%
94	23.327	3455	3458	3460	rVV	374055	547636	8.98%	1.087%
95	23.374	3460	3466	3475	rVB	3184780	5905973	96.82%	11.726%

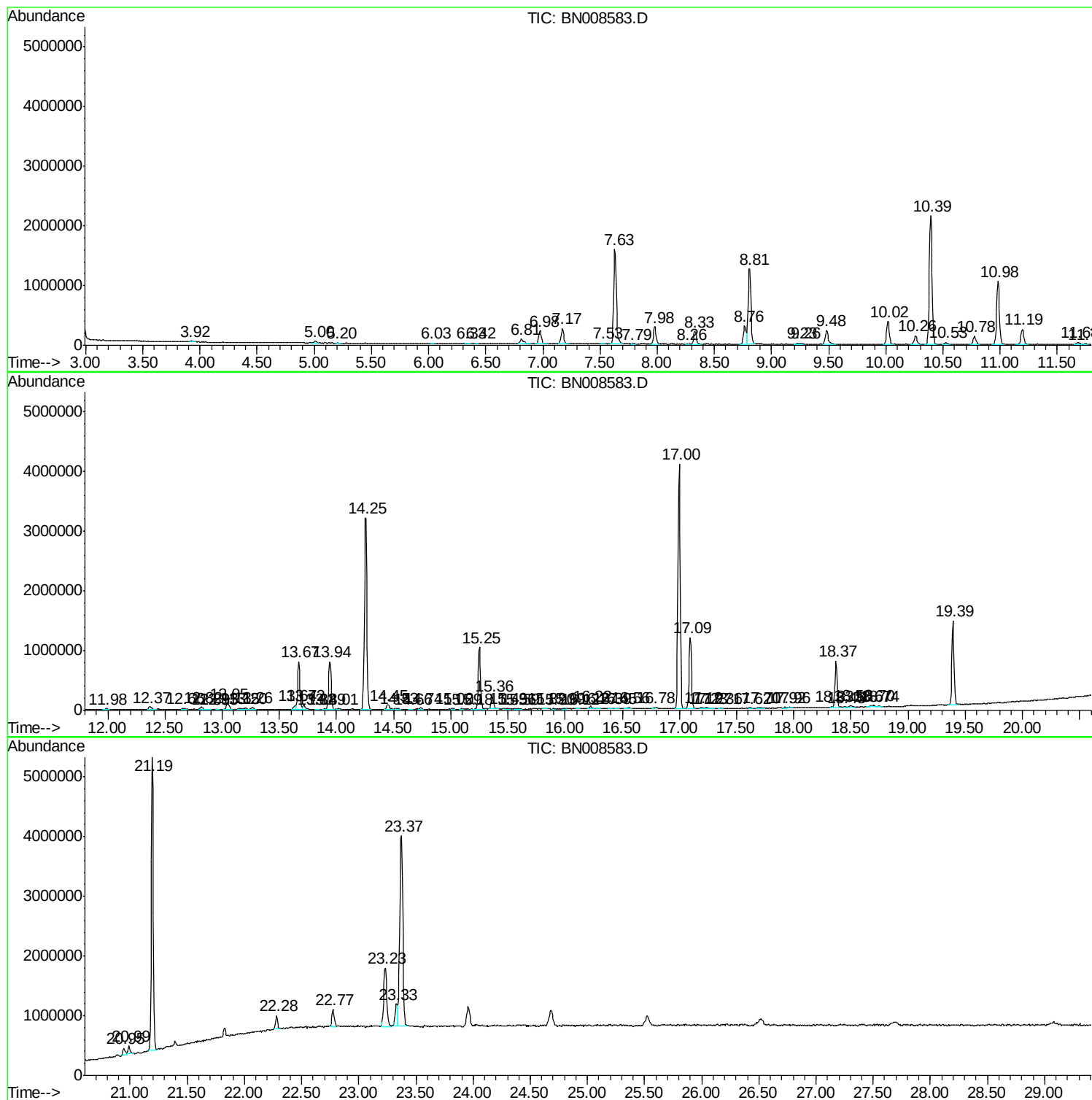
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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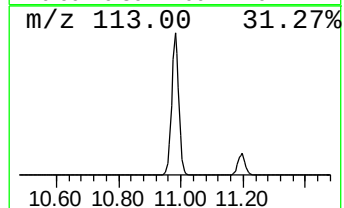
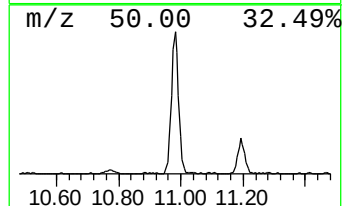
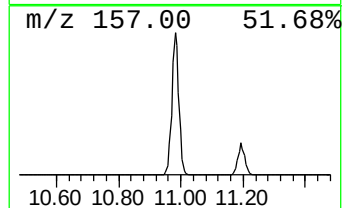
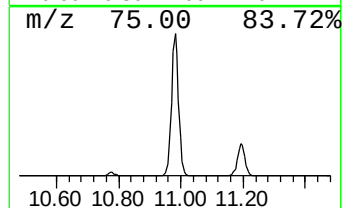
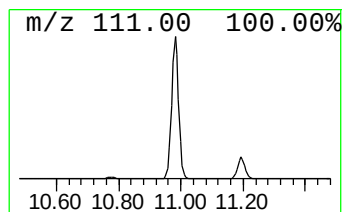
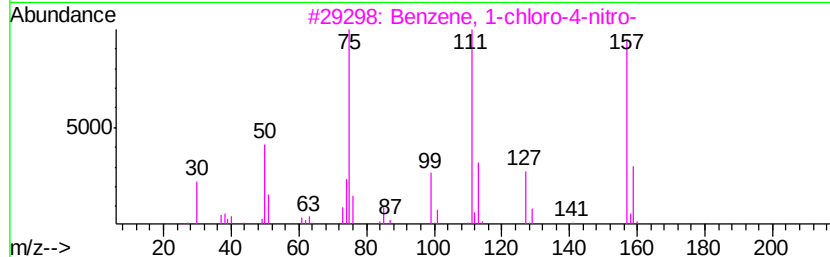
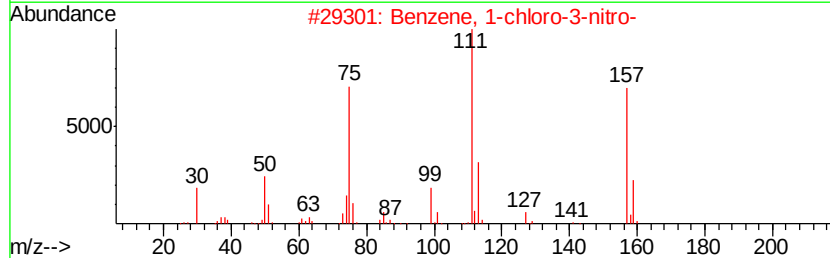
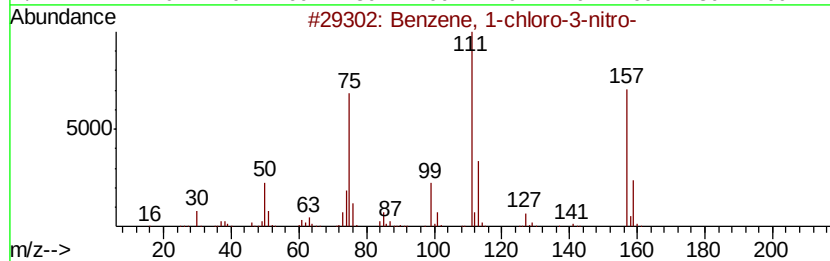
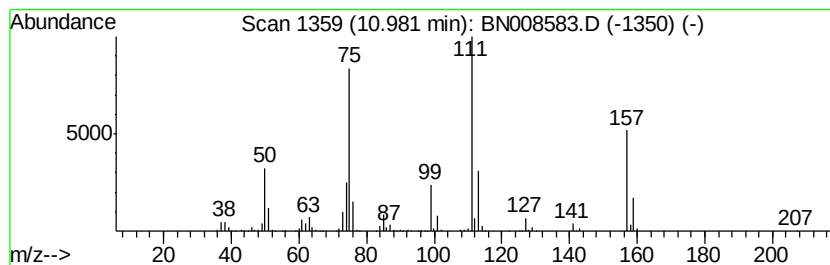
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	9.46 ng/ul	1686770	Naphthalene-d8	10.39
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 94
3		Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5 94
4		Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5 87
5		Benzene, 1-chloro-3-nitro-	157 C6H4ClNO2	000121-73-3 87



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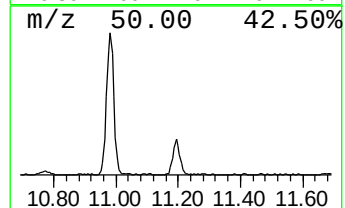
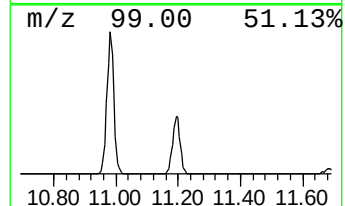
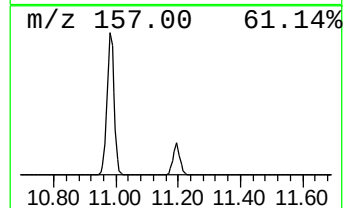
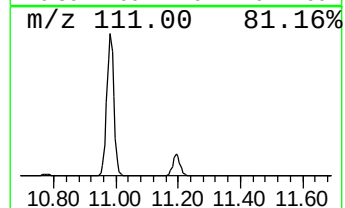
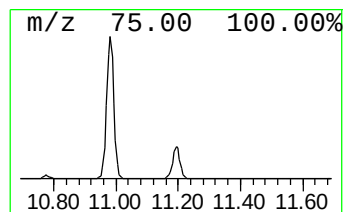
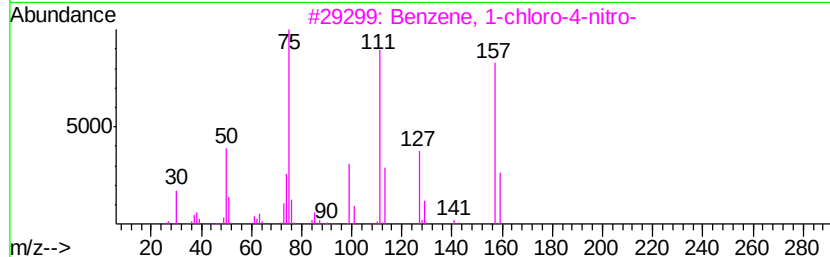
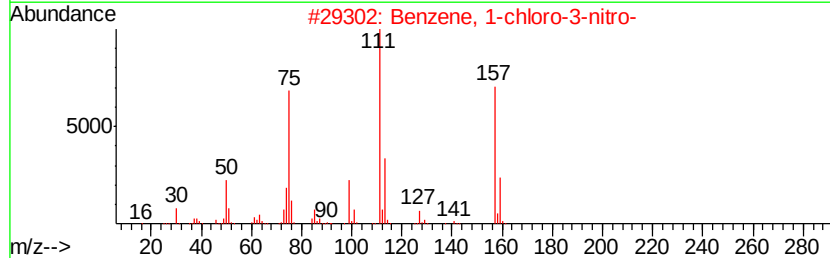
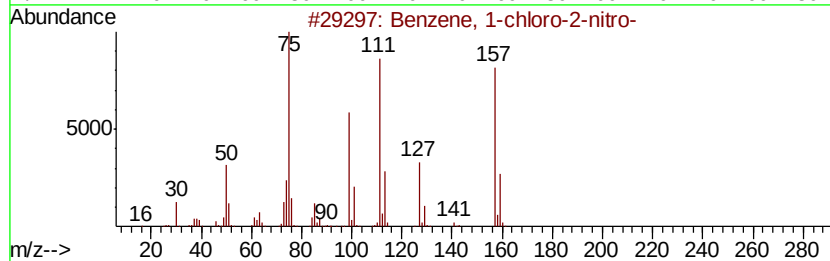
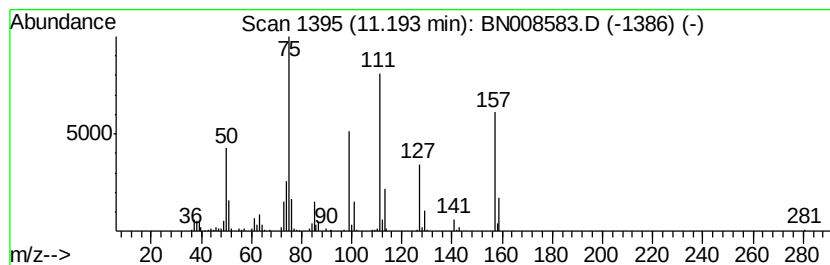
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1-chloro-2-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.36 ng/ul	421350	Napthalene-d8	10.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	97
2	Benzene, 1-chloro-3-nitro-	157 C6H4ClNO2	000121-73-3	94
3	Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5	93
4	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	91
5	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	83



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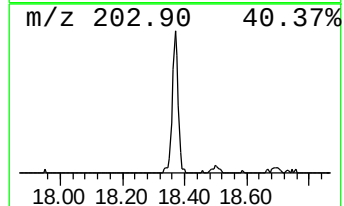
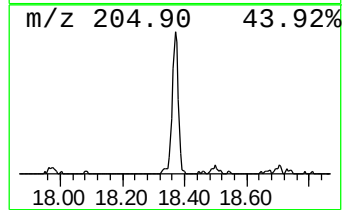
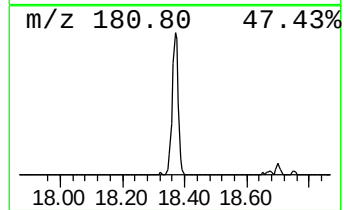
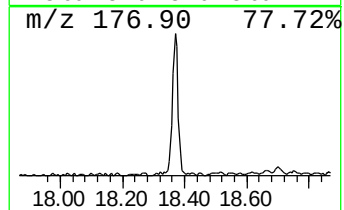
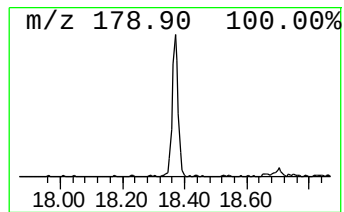
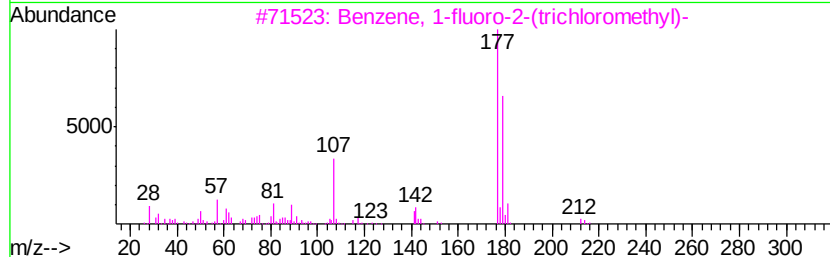
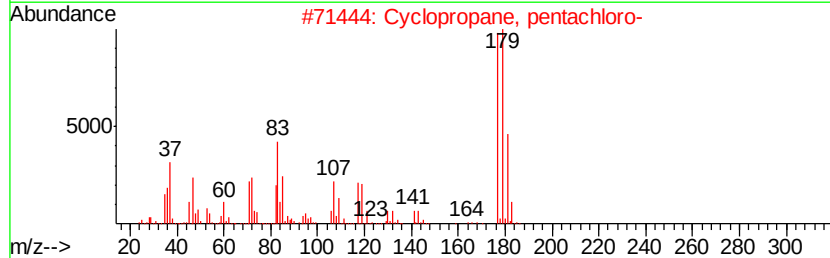
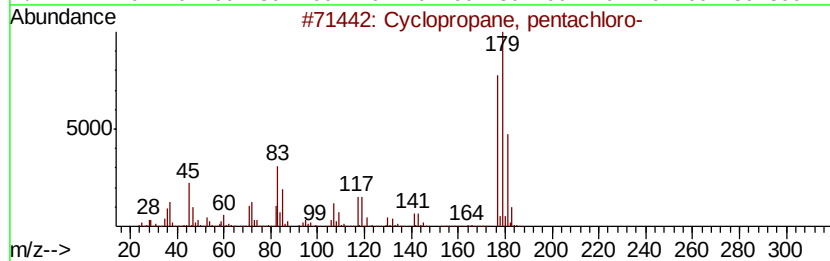
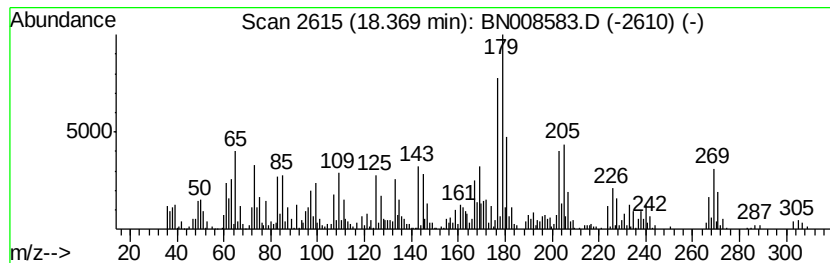
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.37	3.66 ng/ul	1036590	Phenanthrene-d10	17.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	12
2	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	12
3	Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	11
4	2-Amino-7-chloroquinoxaline	179	C8H6ClN3	002427-70-5	10
5	3,4-Methylenedioxyphenyl isothio...	179	C8H5NO2S	113504-93-1	10



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Data File : BN008583.D
Acq On : 15 Nov 2019 09:59
Operator : JU
Sample : K5739-03DL 5X
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CR1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-chloro...	10.98	9.5	ng/ul	1686770	2	10.39	3564230	20.0
Benzene, 1-chloro...	11.19	2.4	ng/ul	421350	2	10.39	3564230	20.0
unknown-01	18.37	3.7	ng/ul	1036590	4	17.00	5664800	20.0