

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006402.D
 Acq On : 19 Jun 2019 18:32
 Operator : JU/SJ
 Sample : K3224-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C59

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-BN061919MA.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	3.140	23	26	35	rVB2	18214	35494	0.35%	0.030%
2	4.969	331	337	349	rBV	313197	526192	5.24%	0.449%
3	6.528	597	602	610	rBV4	6260	14106	0.14%	0.012%
4	6.805	644	649	662	rVB	292648	492351	4.90%	0.420%
5	6.963	670	676	690	rBV	1003974	1564951	15.58%	1.335%
6	7.157	703	709	722	rBV	942828	1607713	16.01%	1.371%
7	7.516	763	770	777	rVB	54055	91838	0.91%	0.078%
8	7.622	782	788	792	rBV	797396	1344454	13.39%	1.147%
9	7.657	792	794	804	rVB	318478	487544	4.86%	0.416%
10	7.975	840	848	867	rBV	2020433	3284995	32.71%	2.802%
11	8.340	899	910	926	rBV	864595	1473511	14.67%	1.257%
12	8.457	926	930	941	rVB3	11997	24469	0.24%	0.021%
13	8.781	978	985	988	rBV	1212717	2003785	19.95%	1.709%
14	8.834	988	994	1011	rVB	4898991	8411518	83.76%	7.174%
15	9.193	1051	1055	1057	rBV3	9674	13009	0.13%	0.011%
16	9.222	1057	1060	1068	rVB3	27742	48824	0.49%	0.042%
17	9.499	1100	1107	1126	rBV	1050437	1938673	19.31%	1.654%
18	10.034	1192	1198	1219	rBV	1459076	2571270	25.61%	2.193%
19	10.193	1222	1225	1232	rVV5	10094	18036	0.18%	0.015%
20	10.275	1232	1239	1255	rVV	873714	1481777	14.76%	1.264%
21	10.410	1255	1262	1275	rVB	1287128	2193570	21.84%	1.871%
22	10.557	1281	1287	1296	rBV	120104	226916	2.26%	0.194%
23	10.793	1321	1327	1336	rBV	686425	1147307	11.43%	0.979%
24	11.016	1358	1365	1382	rVV	4503069	7675922	76.44%	6.547%
25	11.228	1393	1401	1421	rBV	1041876	1934375	19.26%	1.650%
26	11.687	1474	1479	1480	rBV	17243	20032	0.20%	0.017%
27	11.722	1480	1485	1500	rVB2	128312	270947	2.70%	0.231%
28	12.004	1529	1533	1539	rVB	21673	33973	0.34%	0.029%
29	12.410	1596	1602	1607	rBV	217770	377220	3.76%	0.322%
30	12.457	1608	1610	1617	rVB	42431	56124	0.56%	0.048%
31	12.698	1645	1651	1660	rBV4	54432	115513	1.15%	0.099%
32	12.857	1673	1678	1689	rBV2	145403	250270	2.49%	0.213%
33	13.075	1709	1715	1725	rVV2	444776	789535	7.86%	0.673%
34	13.198	1731	1736	1740	rBV4	33140	56987	0.57%	0.049%

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35	13.245	1740	1744	1748	rVV2	74038	112518	1.12%	0.096%
36	13.287	1748	1751	1753	rVV	52112	73453	0.73%	0.063%
37	13.316	1753	1756	1762	rVB	69434	105378	1.05%	0.090%
38	13.698	1811	1821	1827	rBV	3535773	5239361	52.17%	4.469%
39	13.757	1827	1831	1841	rVB	102244	177728	1.77%	0.152%
40	13.822	1841	1842	1854	rVB8	9191	19016	0.19%	0.016%
41	13.922	1854	1859	1861	rBV5	25050	32413	0.32%	0.028%
42	13.975	1861	1868	1876	rBV	3671096	5587054	55.64%	4.765%
43	14.098	1886	1889	1895	rVB5	18694	29386	0.29%	0.025%
44	14.281	1912	1920	1927	rBV2	2052671	3120452	31.07%	2.662%
45	14.510	1953	1959	1970	rBV	276271	568629	5.66%	0.485%
46	14.610	1971	1976	1980	rVB4	24044	50483	0.50%	0.043%
47	14.781	2000	2005	2010	rBV2	64848	116367	1.16%	0.099%
48	15.039	2042	2049	2055	rBV	36163	53268	0.53%	0.045%
49	15.086	2055	2057	2065	rVB2	14315	19989	0.20%	0.017%
50	15.281	2084	2090	2103	rBV	4792335	6923571	68.95%	5.905%
51	15.416	2108	2113	2126	rVV	1729896	2549787	25.39%	2.175%
52	15.522	2126	2131	2136	rVB2	62220	92157	0.92%	0.079%
53	15.816	2177	2181	2185	rBV5	14964	23821	0.24%	0.020%
54	15.863	2185	2189	2193	rVV3	36829	52109	0.52%	0.044%
55	15.945	2199	2203	2207	rVB5	11109	15850	0.16%	0.014%
56	16.010	2211	2214	2219	rVB4	8382	14010	0.14%	0.012%
57	16.081	2219	2226	2231	rBV3	24091	38783	0.39%	0.033%
58	16.263	2253	2257	2264	rVB7	22673	43047	0.43%	0.037%
59	16.398	2273	2280	2282	rBV5	8003	15464	0.15%	0.013%
60	16.439	2282	2287	2294	rVV2	74441	111842	1.11%	0.095%
61	16.551	2303	2306	2311	rBV4	7952	13870	0.14%	0.012%
62	16.610	2312	2316	2326	rVB8	17518	35119	0.35%	0.030%
63	16.845	2349	2356	2366	rVB2	44144	77858	0.78%	0.066%
64	17.039	2382	2389	2399	rBV2	2640050	3786988	37.71%	3.230%
65	17.139	2399	2406	2417	rVV2	5159858	7644748	76.13%	6.520%
66	17.233	2417	2422	2426	rVV2	84804	166652	1.66%	0.142%
67	17.275	2426	2429	2442	rVV4	78294	162397	1.62%	0.139%
68	17.369	2442	2445	2447	rVV3	10933	14752	0.15%	0.013%
69	17.404	2448	2451	2462	rVB3	20495	44343	0.44%	0.038%
70	17.628	2485	2489	2491	rBV4	20526	30429	0.30%	0.026%
71	17.663	2491	2495	2501	rVB	57873	98411	0.98%	0.084%

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72	17.769	2507	2513	2518	rBV5	71900	104989	1.05%	0.090%
73	17.939	2538	2542	2549	rBV3	46080	74729	0.74%	0.064%
74	18.016	2549	2555	2562	rVB4	96211	168245	1.68%	0.143%
75	18.133	2569	2575	2580	rVB5	31634	48731	0.49%	0.042%
76	18.251	2590	2595	2604	rVB7	12341	28770	0.29%	0.025%
77	18.416	2613	2623	2632	rBV	4421988	6320791	62.94%	5.391%
78	18.492	2632	2636	2640	rVV4	79278	129519	1.29%	0.110%
79	18.545	2640	2645	2657	rVB2	215788	333675	3.32%	0.285%
80	18.716	2669	2674	2676	rBV2	101337	143520	1.43%	0.122%
81	18.751	2676	2680	2684	rVV	253956	374811	3.73%	0.320%
82	18.798	2684	2688	2695	rVV4	81860	142362	1.42%	0.121%
83	18.886	2699	2703	2707	rVB4	31787	43055	0.43%	0.037%
84	19.039	2724	2729	2733	rBV4	37232	65251	0.65%	0.056%
85	19.080	2733	2736	2741	rVB	55625	68905	0.69%	0.059%
86	19.233	2758	2762	2767	rBV3	27377	41335	0.41%	0.035%
87	19.310	2770	2775	2776	rVV4	42406	51925	0.52%	0.044%
88	19.333	2776	2779	2784	rVB	60546	76952	0.77%	0.066%
89	19.451	2792	2799	2816	rBV	6369016	8913333	88.76%	7.602%
90	19.969	2882	2887	2889	rBV4	40506	62743	0.62%	0.054%
91	21.257	3100	3106	3118	rBV	3173015	4205315	41.88%	3.587%
92	21.410	3130	3132	3137	rVB2	28972	27216	0.27%	0.023%
93	21.845	3202	3206	3210	rBV	68402	81315	0.81%	0.069%
94	22.304	3280	3284	3293	rBV	138246	180891	1.80%	0.154%
95	22.804	3365	3369	3375	rVB	173862	240561	2.40%	0.205%
96	23.351	3453	3462	3477	rBV	5247257	10041913	100.00%	8.565%
97	23.486	3478	3485	3498	rVB	2460849	4518669	45.00%	3.854%
98	23.998	3567	3572	3579	rVB	187320	330573	3.29%	0.282%
99	24.727	3691	3696	3706	rVB	154121	335226	3.34%	0.286%
100	25.586	3837	3842	3852	rVB2	102063	243886	2.43%	0.208%

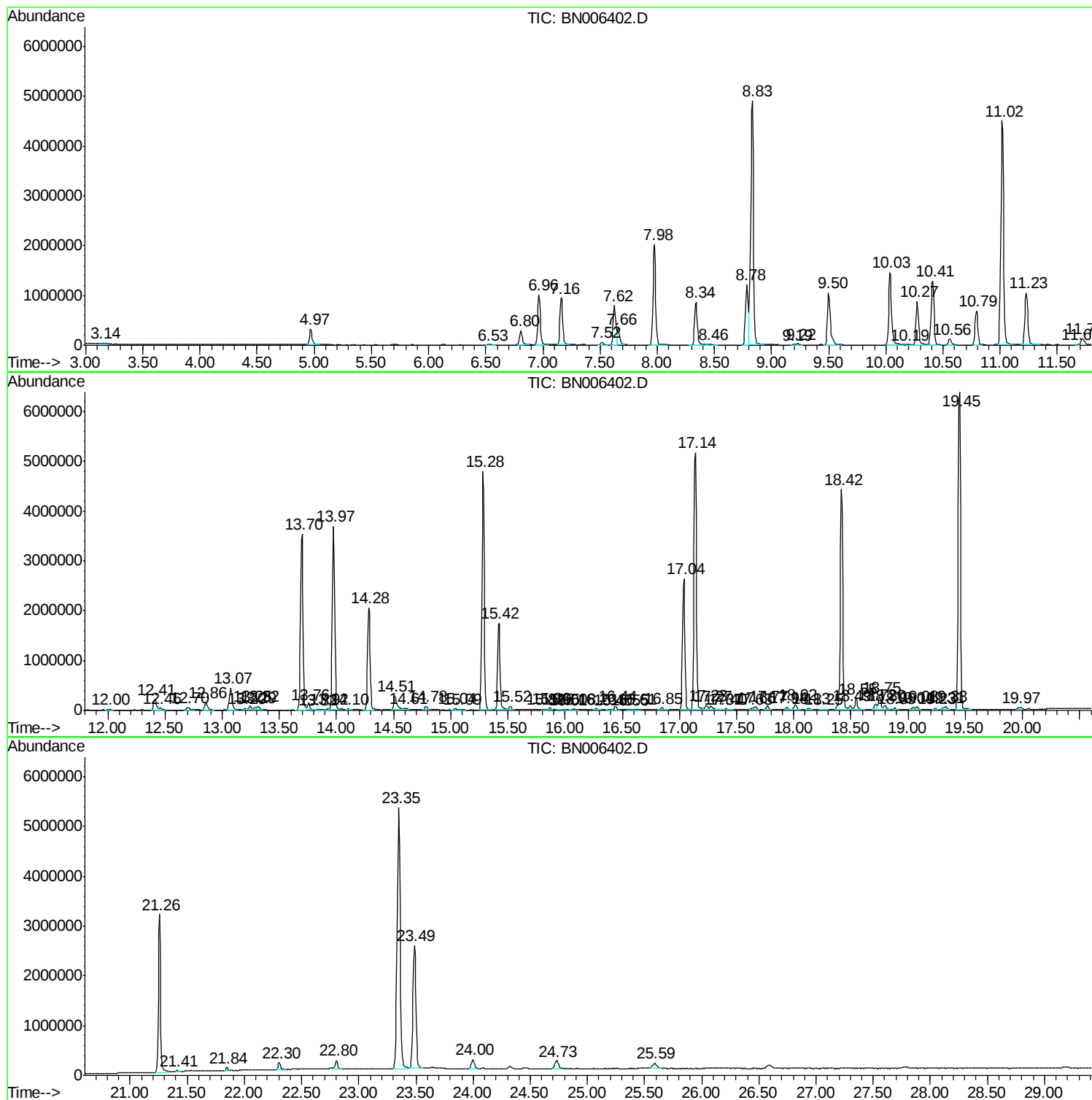
Sum of corrected areas: 117243910

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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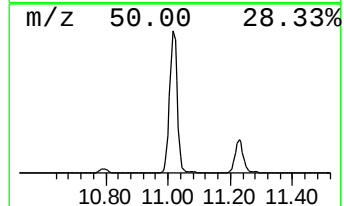
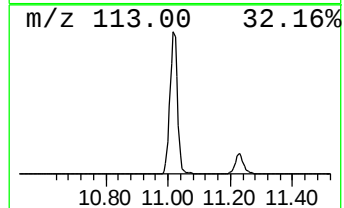
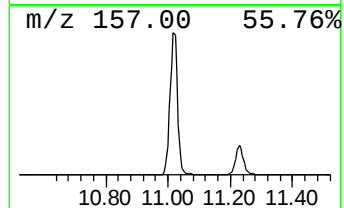
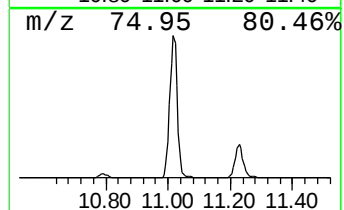
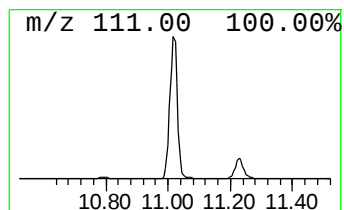
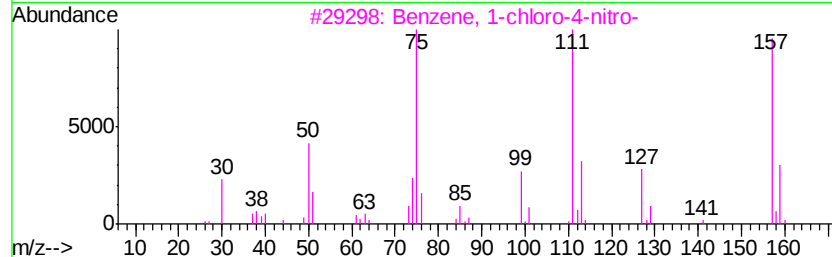
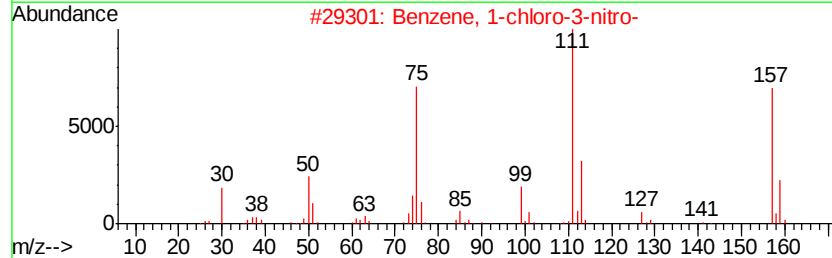
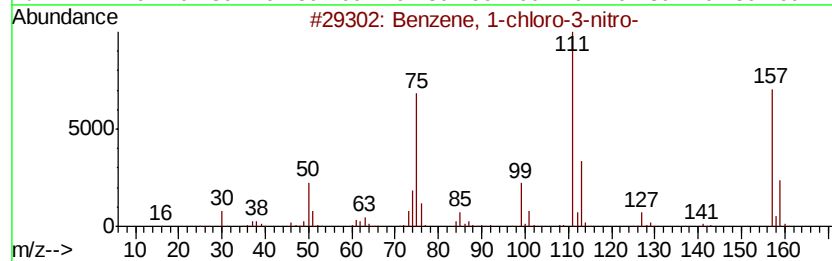
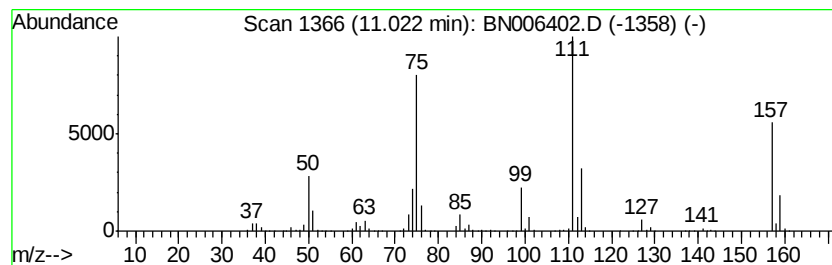
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-chloro-3-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	69.99 ng/ul	7675920	Naphthalene-d8	10.41

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-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90



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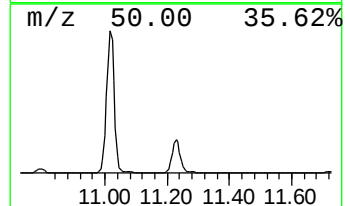
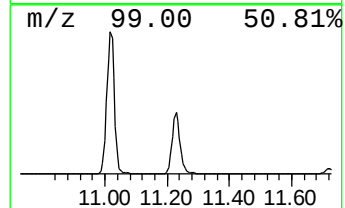
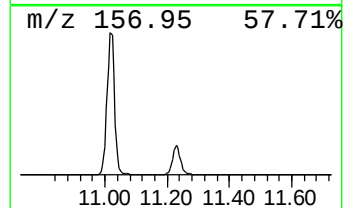
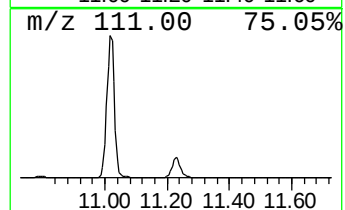
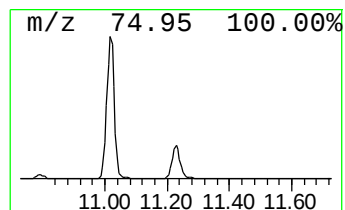
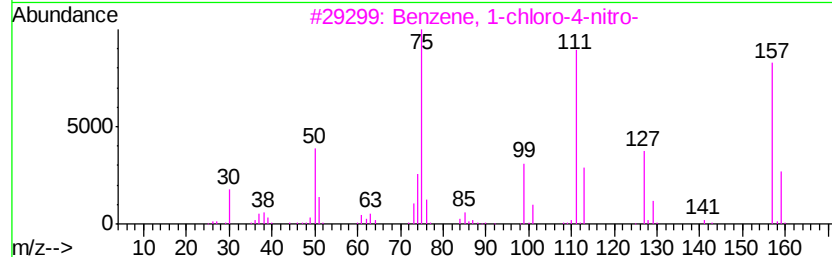
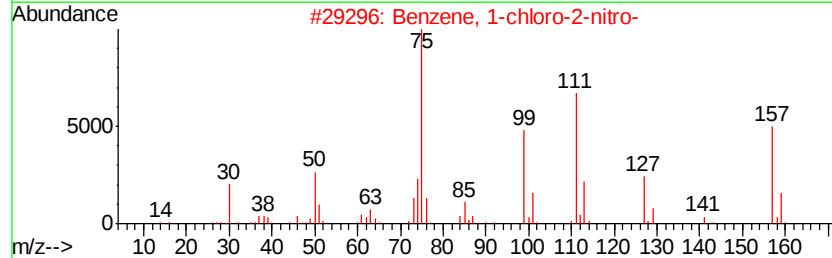
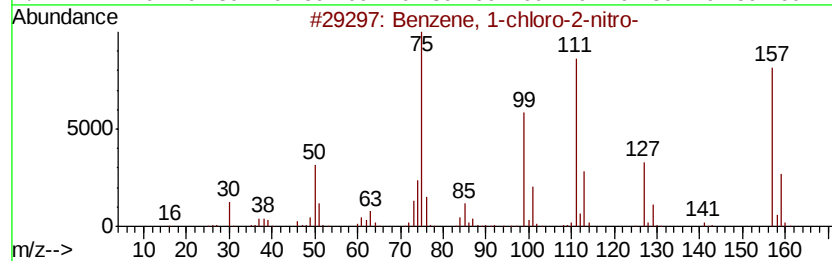
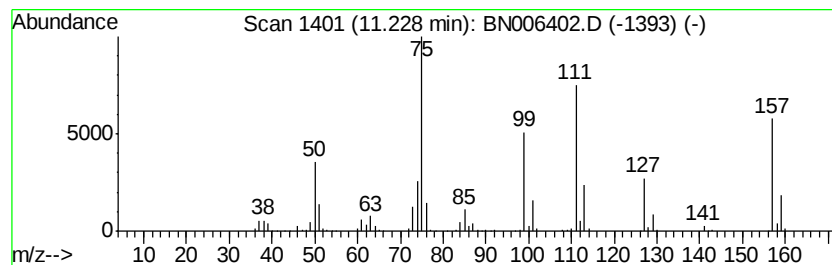
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1-chloro-2-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	17.64 ng/ul	1934380	Naphthalene-d8	10.41

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-4-nitro-	157	C6H4ClNO2	000100-00-5	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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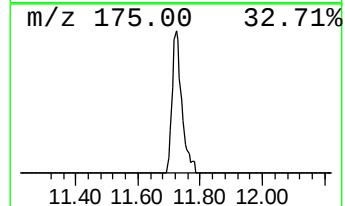
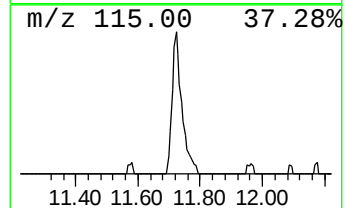
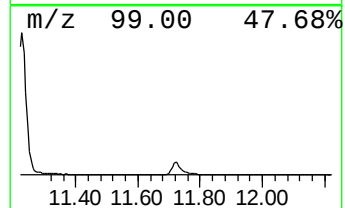
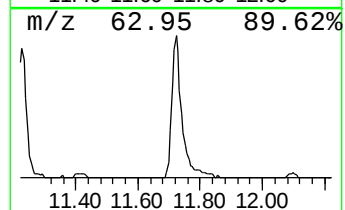
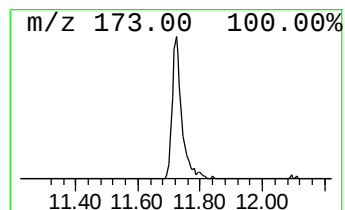
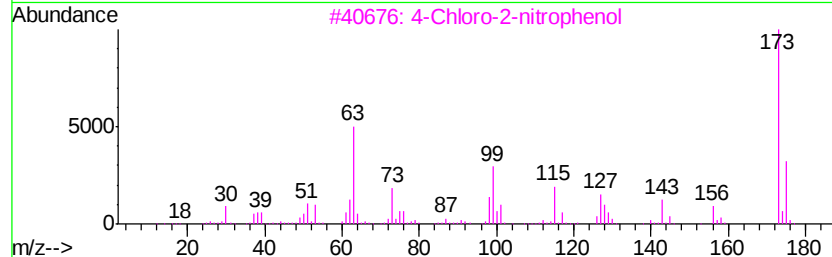
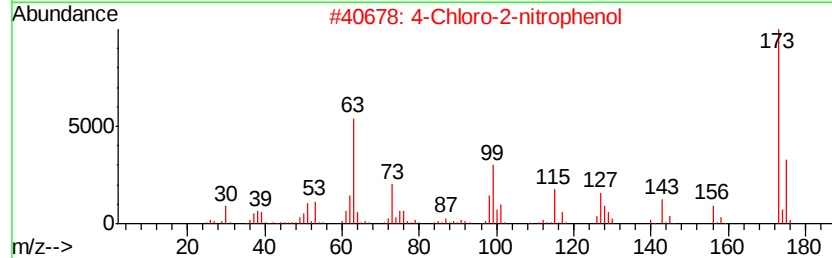
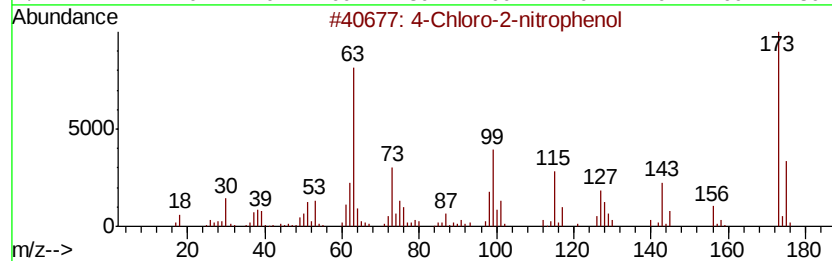
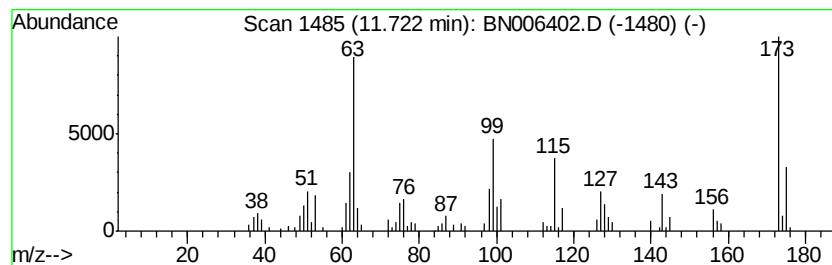
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 4-Chloro-2-nitrophenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.47 ng/ul	270947	Naphthalene-d8	10.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	96
2		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	95
3		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	95
4		Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	83
5		Propane, 1,1,2-trichloro-	146	C3H5Cl3	000598-77-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006402.D
Acq On : 19 Jun 2019 18:32
Operator : JU/SJ
Sample : K3224-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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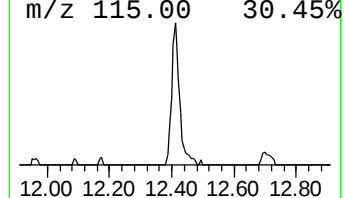
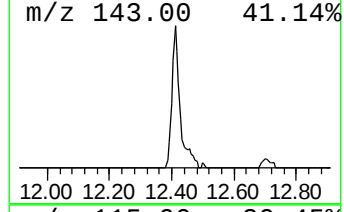
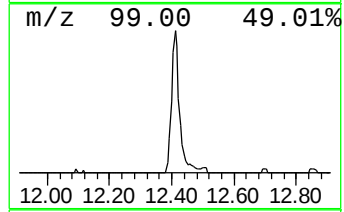
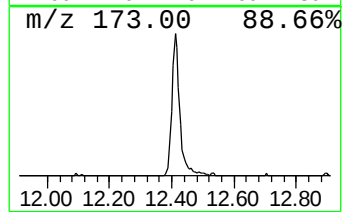
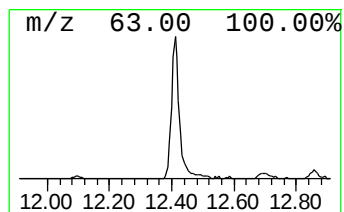
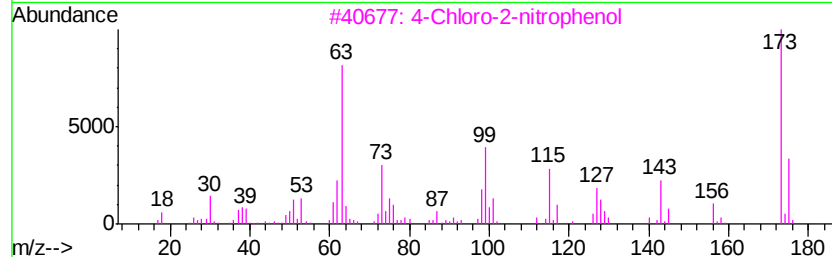
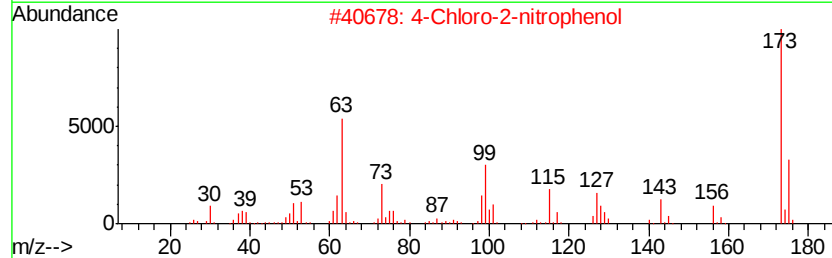
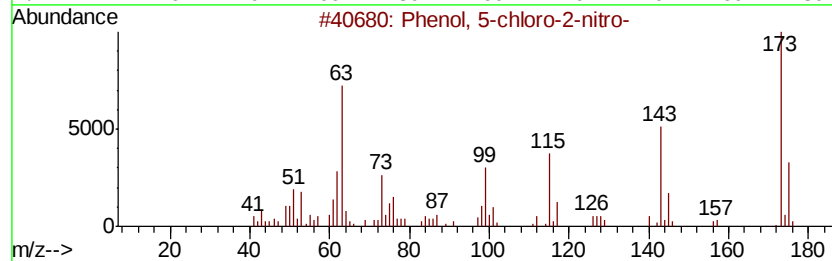
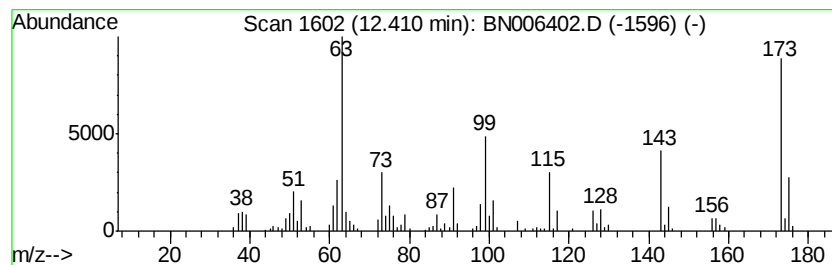
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenol, 5-chloro-2-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	2.42 ng/ul	377220	Acenaphthene-d10	14.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	91
2		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	83
3		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	81
4		4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	80
5		3-Chloro-4-nitrophenol	173	C6H4ClNO3	000491-11-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006402.D
Acq On : 19 Jun 2019 18:32
Operator : JU/SJ
Sample : K3224-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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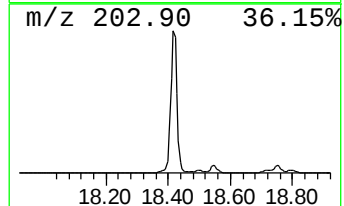
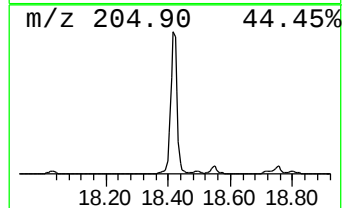
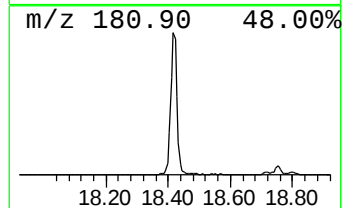
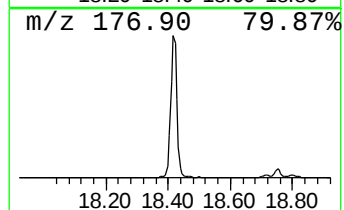
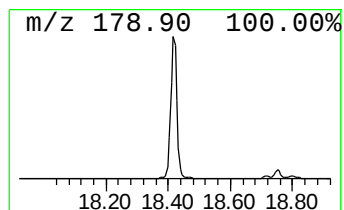
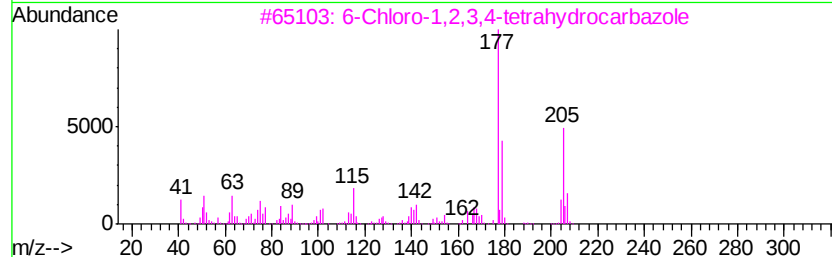
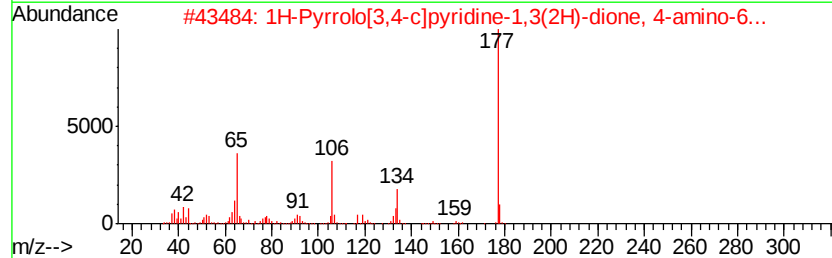
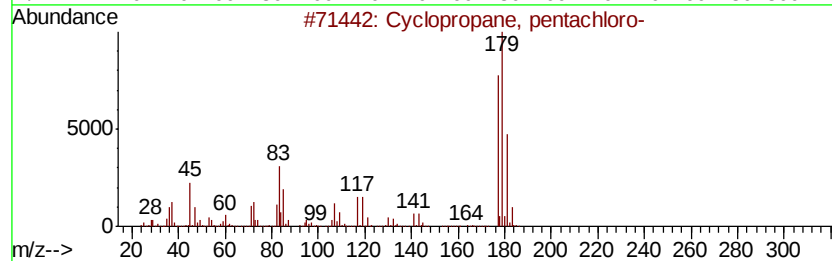
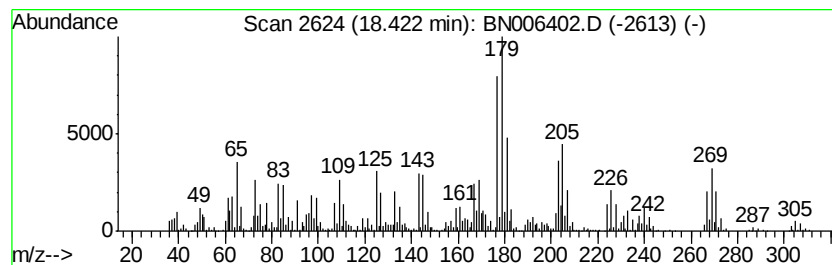
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	33.38 ng/ul	6320790	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	27
2		1H-Pyrrolo[3,4-c]pyridine-1,3(2H)...	177	C8H7N3O2	090004-20-9	25
3		6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
4		N-(4,6-Dichloro-1,3,5-triazin-2-...	220	C7H10Cl2N4	1000326-88-2	16
5		Benzene, 1-fluoro-2-(trichlorome...	212	C7H4Cl3F	000488-98-2	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C59

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.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...	11.02	70.0	ng/ul	7675920	2	10.41	2193570	20.0
Benzene, 1-chloro...	11.23	17.6	ng/ul	1934380	2	10.41	2193570	20.0
4-Chloro-2-nitrop...	11.72	2.5	ng/ul	270947	2	10.41	2193570	20.0
Phenol, 5-chloro-...	12.41	2.4	ng/ul	377220	3	14.28	3120450	20.0
unknown-01	18.42	33.4	ng/ul	6320790	4	17.04	3786990	20.0