

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
 Data File : BM018445.D
 Acq On : 07 Jan 2019 15:38
 Operator : JU/SJ
 Sample : K1048-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0945

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_M\METHODS\SOM-EPA-BM010719MA.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	3.258	26	29	33	rBV	66301	70811	0.45%	0.047%
2	5.099	336	342	352	rVB	1222287	1771822	11.31%	1.173%
3	5.834	462	467	471	rBV6	15630	27617	0.18%	0.018%
4	6.669	605	609	617	rVB4	22527	42326	0.27%	0.028%
5	6.863	638	642	647	rVB3	28253	43418	0.28%	0.029%
6	6.940	647	655	666	rBV	309454	555066	3.54%	0.368%
7	7.104	677	683	691	rBV	1079894	1630664	10.41%	1.080%
8	7.298	710	716	734	rVB	1250875	2152294	13.74%	1.425%
9	7.487	743	748	753	rVB2	29281	49138	0.31%	0.033%
10	7.651	770	776	783	rVB	282257	440182	2.81%	0.291%
11	7.763	789	795	798	rBV	1362834	2199786	14.04%	1.457%
12	7.798	798	801	810	rVB	1780596	2656055	16.95%	1.759%
13	8.116	846	855	864	rBV	9752153	15669006	100.00%	10.375%
14	8.475	909	916	926	rVB	884699	1445436	9.22%	0.957%
15	8.592	932	936	943	rVB5	16228	30806	0.20%	0.020%
16	8.928	986	993	996	rBV	1358397	2280195	14.55%	1.510%
17	8.975	996	1001	1016	rVB	6442717	10337281	65.97%	6.845%
18	9.287	1051	1054	1060	rVB	48387	76430	0.49%	0.051%
19	9.381	1064	1070	1074	rBV5	34586	61672	0.39%	0.041%
20	9.569	1096	1102	1107	rBV4	31816	54428	0.35%	0.036%
21	9.645	1107	1115	1127	rVV	1144300	2049527	13.08%	1.357%
22	10.187	1199	1207	1215	rBV	1690655	2916890	18.62%	1.931%
23	10.257	1215	1219	1225	rVB2	47777	85815	0.55%	0.057%
24	10.345	1229	1234	1239	rVB3	27209	41234	0.26%	0.027%
25	10.416	1239	1246	1254	rBV	3312019	5461700	34.86%	3.616%
26	10.557	1263	1270	1277	rBV	1868939	3056682	19.51%	2.024%
27	10.722	1294	1298	1308	rVB4	16892	36619	0.23%	0.024%
28	10.934	1322	1334	1342	rVB	2261039	3762800	24.01%	2.491%
29	11.163	1365	1373	1386	rVB	4992766	8053317	51.40%	5.332%
30	11.381	1400	1410	1420	rBV	1120212	2007047	12.81%	1.329%
31	11.857	1484	1491	1498	rBV2	169380	303256	1.94%	0.201%
32	12.098	1526	1532	1536	rBV2	25110	44631	0.28%	0.030%
33	12.145	1536	1540	1548	rVB3	35672	58641	0.37%	0.039%
34	12.545	1602	1608	1612	rVV	256166	427190	2.73%	0.283%

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35	12.586	1612	1615	1623	rVB	144005	214063	1.37%	0.142%
36	12.833	1649	1657	1665	rBV2	88661	156189	1.00%	0.103%
37	12.986	1678	1683	1689	rBV	195435	295407	1.89%	0.196%
38	13.198	1713	1719	1729	rVB	1165345	1828325	11.67%	1.211%
39	13.316	1734	1739	1744	rVV7	59537	101583	0.65%	0.067%
40	13.375	1744	1749	1754	rVB2	92179	139881	0.89%	0.093%
41	13.445	1754	1761	1766	rBV2	128732	248547	1.59%	0.165%
42	13.822	1815	1825	1831	rBV	3641974	5270751	33.64%	3.490%
43	14.045	1858	1863	1867	rVV6	29652	42805	0.27%	0.028%
44	14.104	1867	1873	1882	rVV	3855072	5648123	36.05%	3.740%
45	14.239	1890	1896	1902	rBV5	50908	93696	0.60%	0.062%
46	14.410	1919	1925	1936	rVB2	2766597	4148830	26.48%	2.747%
47	14.651	1959	1966	1974	rBV2	242795	479691	3.06%	0.318%
48	14.722	1974	1978	1983	rVB2	56377	88027	0.56%	0.058%
49	14.898	2002	2008	2014	rBV3	97595	151528	0.97%	0.100%
50	15.039	2027	2032	2035	rVB5	40442	55959	0.36%	0.037%
51	15.157	2047	2052	2056	rBV	32095	49973	0.32%	0.033%
52	15.198	2056	2059	2063	rVV2	18189	30220	0.19%	0.020%
53	15.404	2087	2094	2105	rBV	4962341	7014736	44.77%	4.645%
54	15.521	2108	2114	2126	rVV	1378306	1939748	12.38%	1.284%
55	15.645	2130	2135	2141	rVB2	70409	100726	0.64%	0.067%
56	15.945	2180	2186	2189	rBV6	20579	41969	0.27%	0.028%
57	15.986	2189	2193	2198	rVV7	52907	85564	0.55%	0.057%
58	16.027	2198	2200	2203	rVV4	17135	26539	0.17%	0.018%
59	16.063	2203	2206	2211	rVV7	21747	45049	0.29%	0.030%
60	16.116	2211	2215	2219	rVV7	20118	31616	0.20%	0.021%
61	16.192	2223	2228	2234	rVV6	36560	60876	0.39%	0.040%
62	16.374	2253	2259	2268	rVB8	43397	101043	0.64%	0.067%
63	16.563	2287	2291	2295	rVB4	84328	114442	0.73%	0.076%
64	16.804	2327	2332	2338	rVB3	62681	94591	0.60%	0.063%
65	16.939	2350	2355	2356	rBV5	25432	37154	0.24%	0.025%
66	16.968	2356	2360	2366	rVB2	48206	81391	0.52%	0.054%
67	17.163	2384	2393	2399	rBV2	3329632	4876863	31.12%	3.229%
68	17.257	2403	2409	2419	rVV2	5357837	7487768	47.79%	4.958%
69	17.357	2421	2426	2430	rVV5	83573	151247	0.97%	0.100%
70	17.398	2430	2433	2447	rVV8	91636	189950	1.21%	0.126%
71	17.521	2452	2454	2461	rVB6	23858	37107	0.24%	0.025%

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72	17.751	2489	2493	2496	rBV6	27555	47178	0.30%	0.031%
73	17.786	2496	2499	2504	rVV2	58117	89009	0.57%	0.059%
74	17.886	2508	2516	2520	rVV7	72739	131361	0.84%	0.087%
75	18.045	2538	2543	2553	rBV	137022	236385	1.51%	0.157%
76	18.133	2553	2558	2564	rVV4	117528	197011	1.26%	0.130%
77	18.251	2574	2578	2584	rBV9	32041	52617	0.34%	0.035%
78	18.380	2595	2600	2604	rVB8	21697	35795	0.23%	0.024%
79	18.539	2616	2627	2634	rBV	3516768	4941505	31.54%	3.272%
80	18.615	2637	2640	2643	rVV4	58238	81314	0.52%	0.054%
81	18.662	2643	2648	2656	rVB6	164040	296985	1.90%	0.197%
82	18.839	2672	2678	2679	rBV5	82298	119140	0.76%	0.079%
83	18.868	2679	2683	2687	rVV2	269202	401424	2.56%	0.266%
84	18.915	2688	2691	2698	rVB8	68274	111608	0.71%	0.074%
85	19.004	2703	2706	2710	rVB5	34691	45648	0.29%	0.030%
86	19.157	2728	2732	2734	rBV4	30275	44617	0.28%	0.030%
87	19.186	2734	2737	2748	rVB	62601	114557	0.73%	0.076%
88	19.333	2757	2762	2767	rBV4	110065	162225	1.04%	0.107%
89	19.445	2774	2781	2786	rBV	57230	109182	0.70%	0.072%
90	19.556	2794	2800	2809	rBV	6330162	8704321	55.55%	5.763%
91	19.792	2836	2840	2843	rBV2	26680	33439	0.21%	0.022%
92	20.074	2885	2888	2890	rBV4	60874	79948	0.51%	0.053%
93	21.350	3100	3105	3110	rBV	4814687	5823593	37.17%	3.856%
94	21.498	3127	3130	3134	rVB4	95706	92824	0.59%	0.061%
95	21.939	3201	3205	3209	rVB2	182119	239072	1.53%	0.158%
96	22.409	3281	3285	3291	rVB	326888	432064	2.76%	0.286%
97	22.927	3369	3373	3380	rVB	414972	620485	3.96%	0.411%
98	23.492	3462	3469	3479	rVB	5222820	9836573	62.78%	6.513%
99	23.639	3487	3494	3502	rVB2	3036755	5709515	36.44%	3.780%
100	24.168	3580	3584	3593	rVB2	412225	777221	4.96%	0.515%

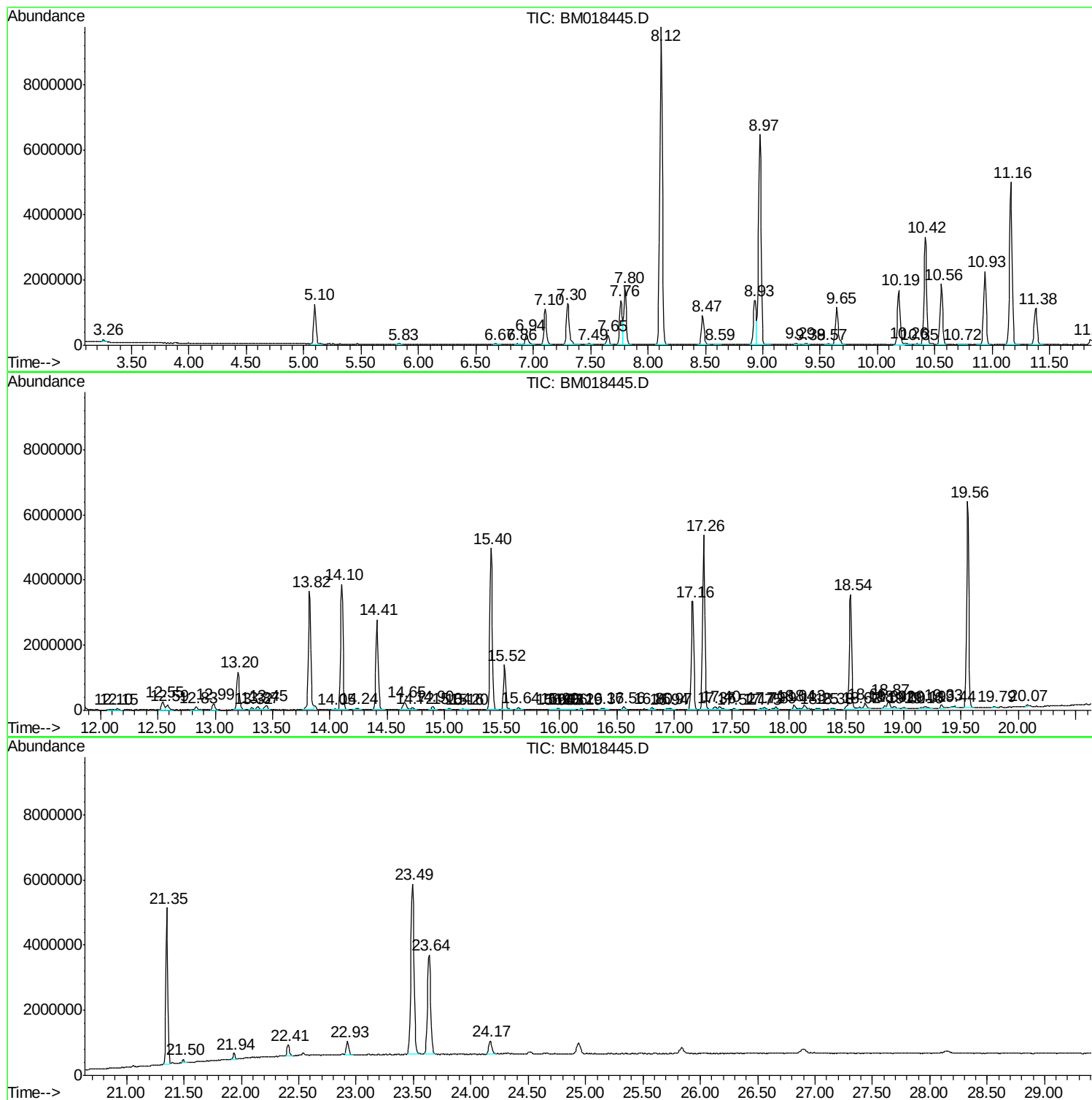
Sum of corrected areas: 151028375

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION

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



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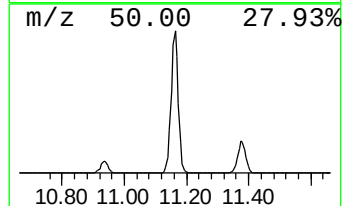
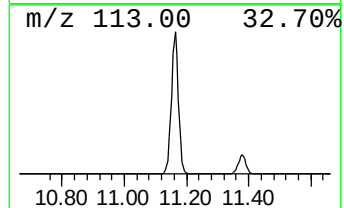
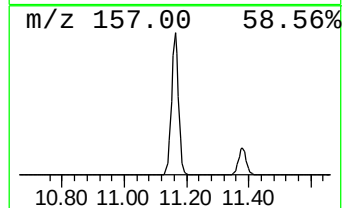
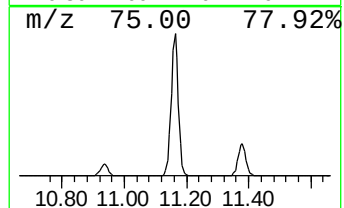
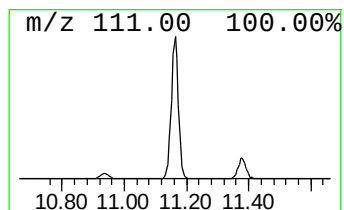
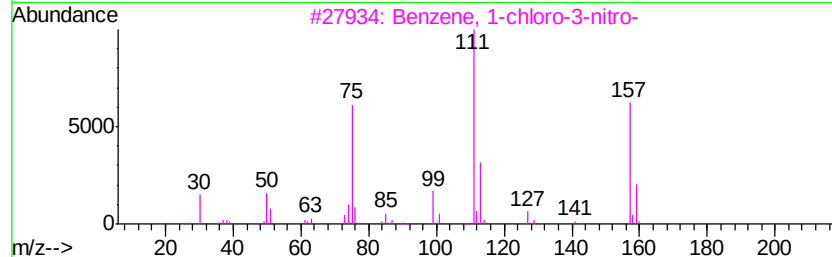
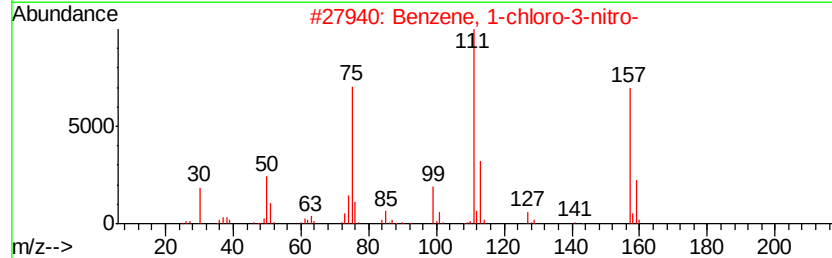
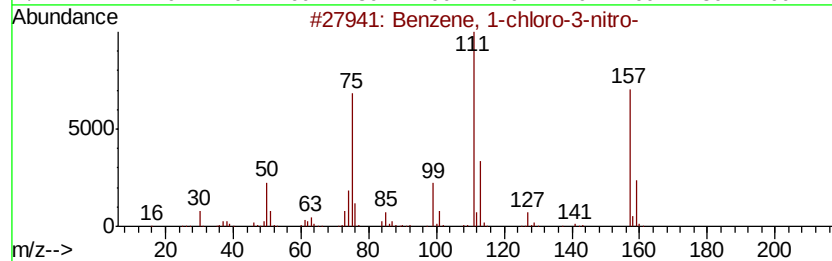
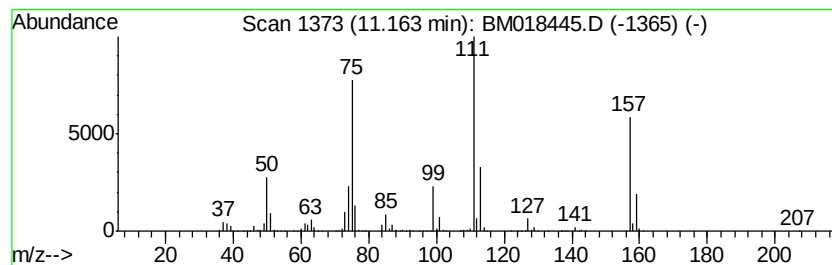
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION

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.
11.16	52.69 ng/ul	8053320	Naphthalene-d8	10.56

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	96
3		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91



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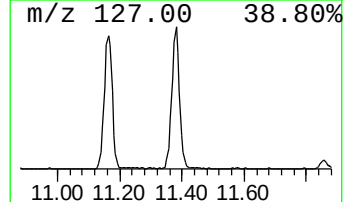
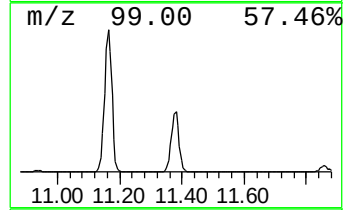
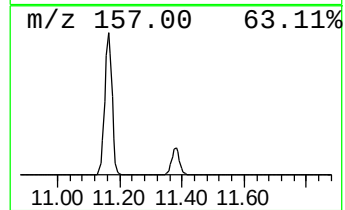
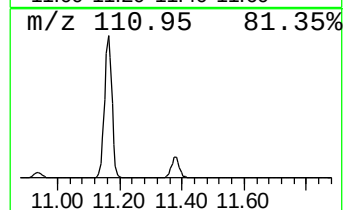
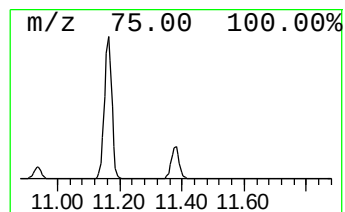
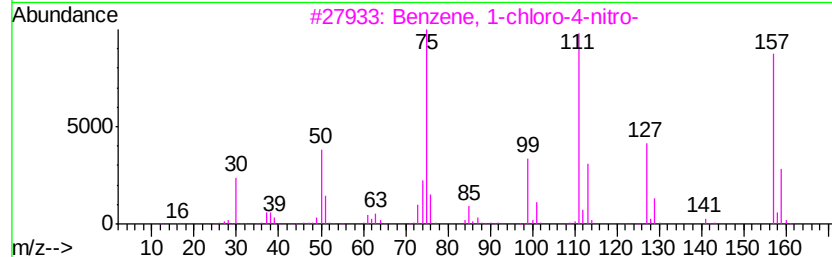
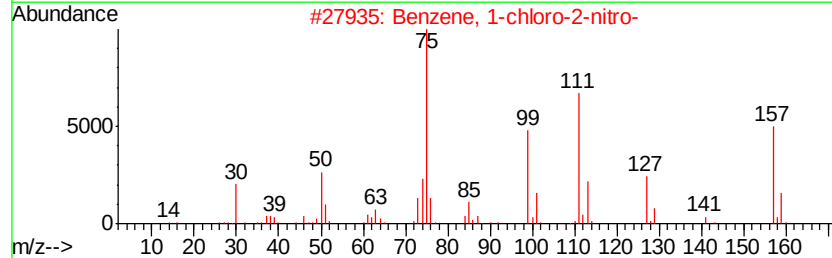
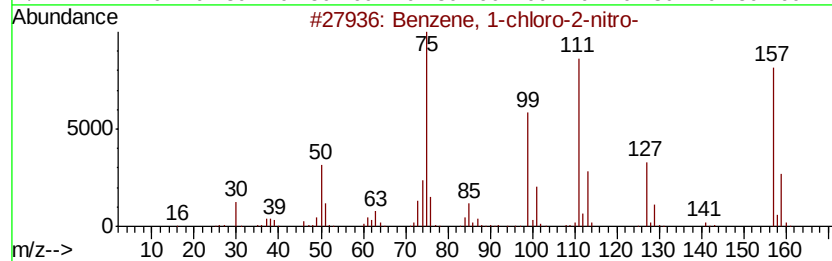
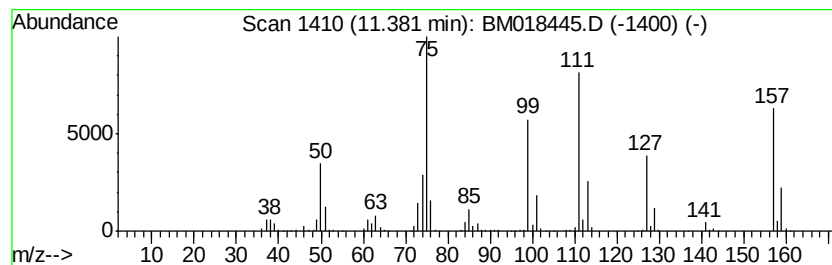
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION

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.
11.38	13.13 ng/ul	2007050	Naphthalene-d8	10.56

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	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



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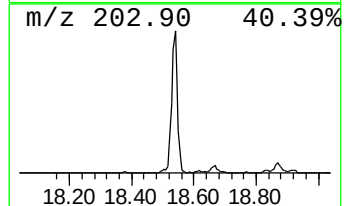
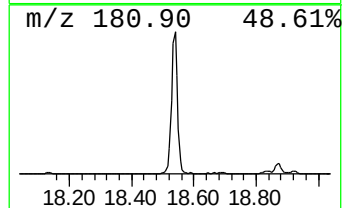
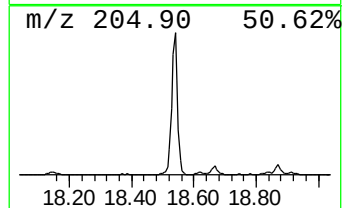
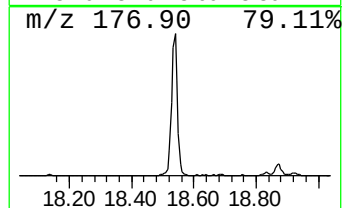
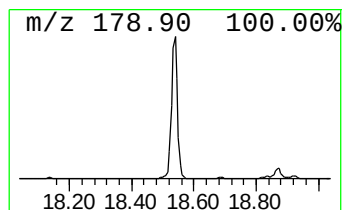
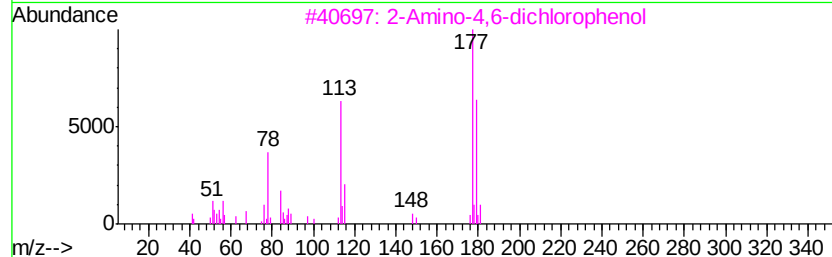
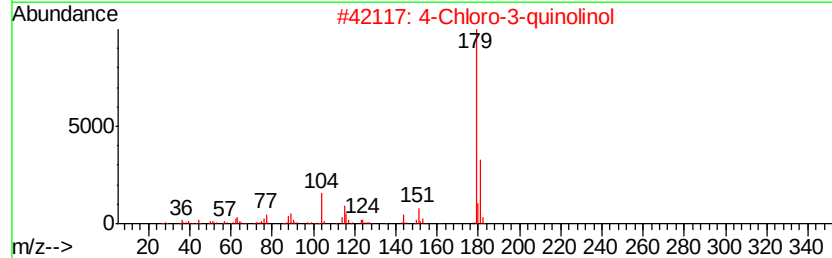
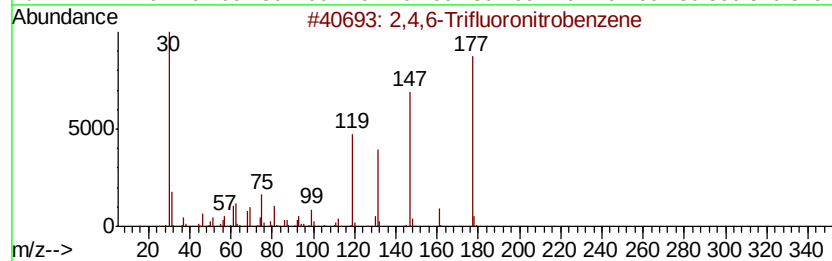
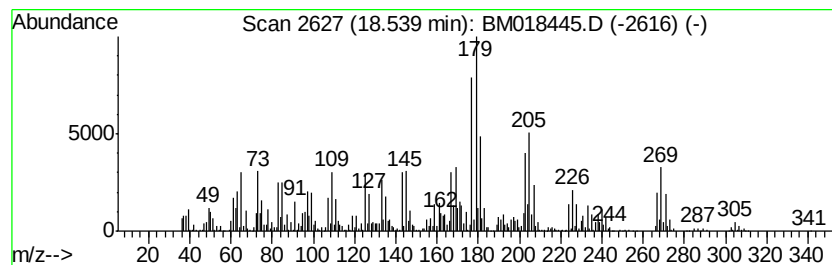
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	20.27 ng/ul	4941510	Phenanthrene-d10	17.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,6-Trifluoronitrobenzene	177	C6H2F3NO2	000315-14-0	18
2		4-Chloro-3-quinolinol	179	C9H6ClNO	032435-60-2	18
3		2-Amino-4,6-dichlorophenol	177	C6H5Cl2NO	000527-62-8	18
4		6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	14
5		4-Chloro-2(1H)-quinolinone	179	C9H6ClNO	020146-59-2	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018445.D
Acq On : 07 Jan 2019 15:38
Operator : JU/SJ
Sample : K1048-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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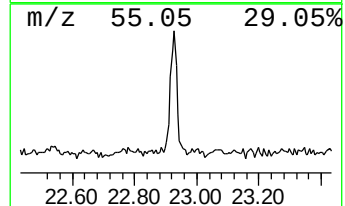
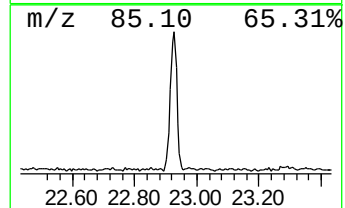
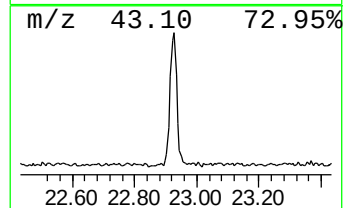
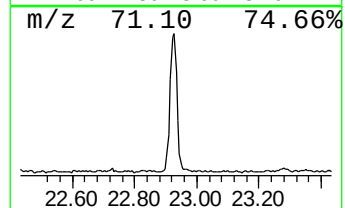
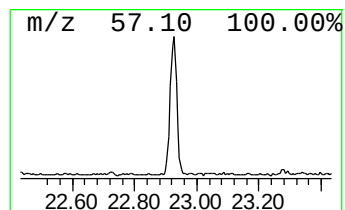
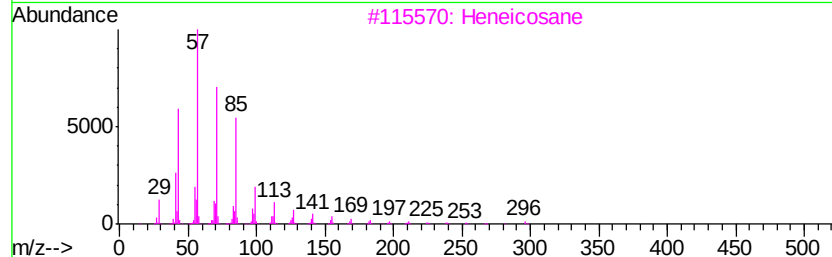
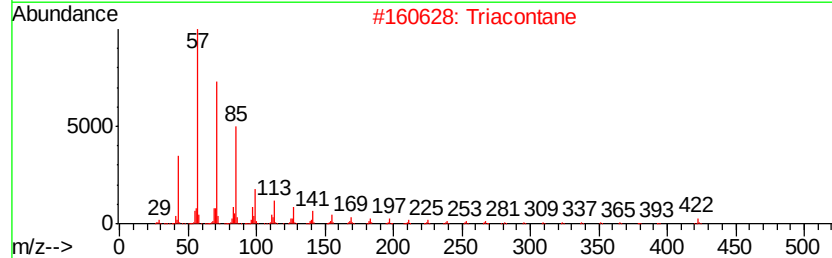
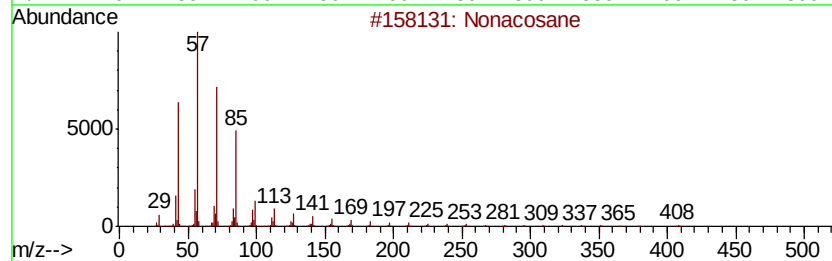
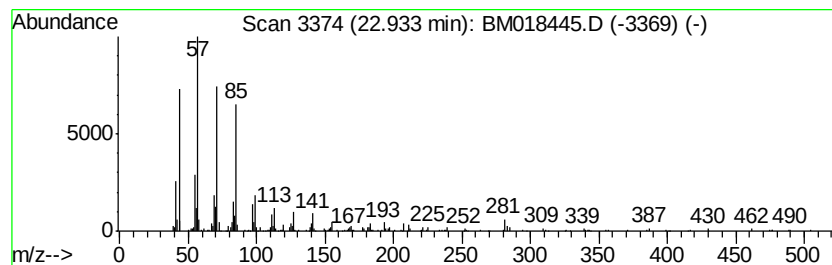
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	2.17 ng/ul	620485	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	90
2		triacontane	422	C30H62	000638-68-6	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
Data File : BM018445.D
Acq On : 07 Jan 2019 15:38
Operator : JU/SJ
Sample : K1048-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0945

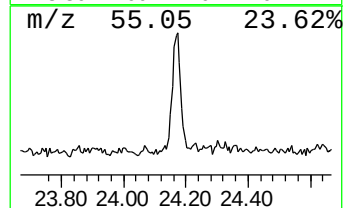
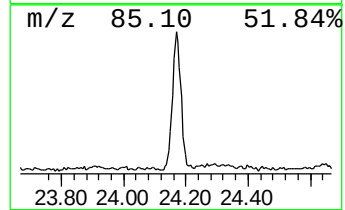
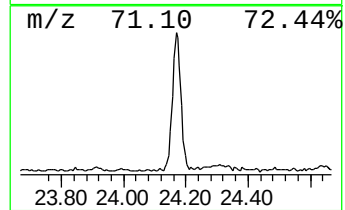
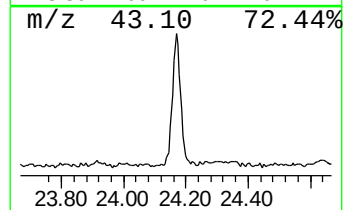
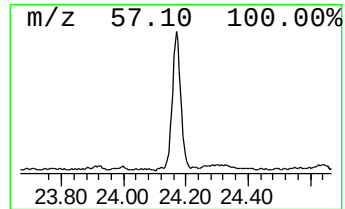
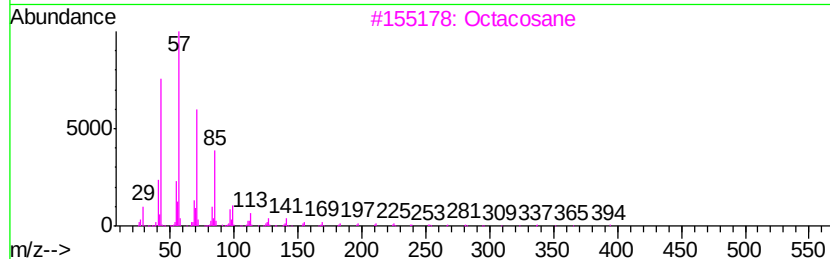
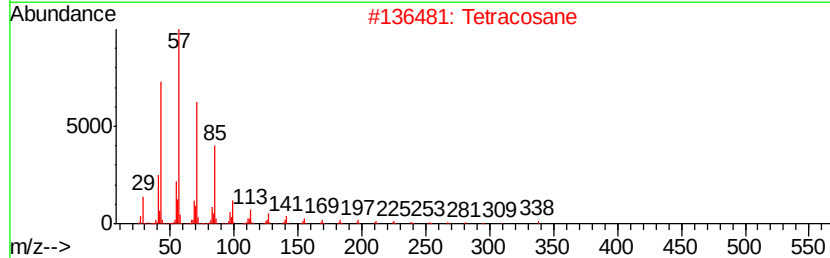
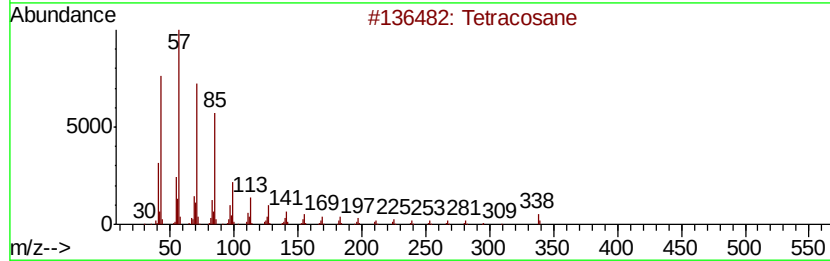
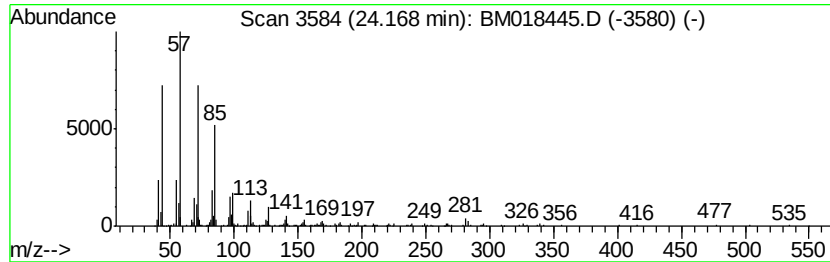
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	2.72 ng/ul	777221	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Tetracosane	338	C24H50	000646-31-1	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM010719\
Data File : BM018445.D
Acq On : 07 Jan 2019 15:38
Operator : JU/SJ
Sample : K1048-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0945

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
Quant Title : SVOA CALIBRATION

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...	11.16	52.7	ng/ul	8053320	2	10.56	3056680	20.0
Benzene, 1-chloro...	11.38	13.1	ng/ul	2007050	2	10.56	3056680	20.0
unknown-01	18.54	20.3	ng/ul	4941510	4	17.16	4876860	20.0
(DEL) Alkane: Str...	22.93	2.2	ng/ul	620485	6	23.64	5709520	20.0
(DEL) Alkane: Str...	24.17	2.7	ng/ul	777221	6	23.64	5709520	20.0