

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027093.D
 Acq On : 14 Aug 2020 17:53
 Operator : JU/CG
 Sample : L3684-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0F89

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-BM080720MA.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	3.205	34	37	42	rVB	18642	24473	0.70%	0.060%
2	3.828	138	143	148	rVB2	7681	13587	0.39%	0.033%
3	3.916	154	158	164	rVB4	9429	14690	0.42%	0.036%
4	5.004	337	343	352	rVB	366192	522487	14.94%	1.274%
5	6.816	645	651	662	rVB	117520	209132	5.98%	0.510%
6	6.981	672	679	688	rBV	324815	507008	14.50%	1.236%
7	7.175	706	712	723	rVV	398840	658616	18.83%	1.606%
8	7.263	723	727	735	rVV3	8736	18750	0.54%	0.046%
9	7.363	739	744	749	rVB4	4936	8874	0.25%	0.022%
10	7.534	766	773	780	rVB	74958	119092	3.40%	0.290%
11	7.640	784	791	794	rBV	421192	695840	19.89%	1.696%
12	7.675	794	797	804	rVB	587546	805312	23.02%	1.963%
13	7.987	843	850	861	rVB	2204141	3497689	100.00%	8.527%
14	8.339	902	910	918	rBV	302764	482817	13.80%	1.177%
15	8.451	923	929	931	rBV3	3223	4514	0.13%	0.011%
16	8.781	978	985	988	rBV	428785	702724	20.09%	1.713%
17	8.822	988	992	1005	rVB	1163614	1872888	53.55%	4.566%
18	9.116	1036	1042	1047	rVB5	5559	7718	0.22%	0.019%
19	9.257	1058	1066	1072	rBV5	12596	29899	0.85%	0.073%
20	9.434	1091	1096	1100	rBV4	7361	11563	0.33%	0.028%
21	9.498	1100	1107	1120	rVV	371462	629855	18.01%	1.535%
22	10.034	1191	1198	1206	rBV	573808	947599	27.09%	2.310%
23	10.104	1206	1210	1215	rVB5	10836	19465	0.56%	0.047%
24	10.192	1218	1225	1231	rVB2	46990	75808	2.17%	0.185%
25	10.281	1231	1240	1255	rVB	863614	1422902	40.68%	3.469%
26	10.410	1255	1262	1269	rBV	496556	817359	23.37%	1.993%
27	10.545	1276	1285	1294	rVB3	42723	83496	2.39%	0.204%
28	10.792	1320	1327	1334	rBV	513273	844320	24.14%	2.058%
29	11.004	1353	1363	1372	rBV	963868	1555712	44.48%	3.793%
30	11.216	1391	1399	1407	rBV	238754	395465	11.31%	0.964%
31	11.704	1476	1482	1487	rBV2	46741	77554	2.22%	0.189%
32	11.757	1487	1491	1495	rVB2	12241	17617	0.50%	0.043%
33	12.010	1528	1534	1538	rVB2	7533	11513	0.33%	0.028%
34	12.392	1593	1599	1606	rBV2	60641	103565	2.96%	0.252%

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35	12.457	1606	1610	1615	rVB	33090	49387	1.41%	0.120%
36	12.686	1642	1649	1655	rVV6	19212	32932	0.94%	0.080%
37	12.769	1659	1663	1670	rVV7	9573	13005	0.37%	0.032%
38	12.839	1670	1675	1680	rVV2	37080	54385	1.55%	0.133%
39	12.898	1681	1685	1691	rVB4	10154	16341	0.47%	0.040%
40	13.063	1707	1713	1725	rVB	264327	432544	12.37%	1.054%
41	13.169	1725	1731	1734	rVV4	17973	31555	0.90%	0.077%
42	13.227	1738	1741	1745	rVV4	18411	26055	0.74%	0.064%
43	13.286	1745	1751	1757	rVV2	53366	88838	2.54%	0.217%
44	13.686	1808	1819	1824	rBV	1147434	1698242	48.55%	4.140%
45	13.733	1824	1827	1837	rVB	251034	339677	9.71%	0.828%
46	13.916	1852	1858	1859	rBV4	7812	8996	0.26%	0.022%
47	13.963	1859	1866	1873	rVV	1195925	1724776	49.31%	4.205%
48	14.057	1875	1882	1886	rVB6	12772	19454	0.56%	0.047%
49	14.274	1910	1919	1930	rBV	756745	1102637	31.52%	2.688%
50	14.469	1943	1952	1962	rBV	118411	193690	5.54%	0.472%
51	14.557	1962	1967	1971	rVV2	10995	19070	0.55%	0.046%
52	14.598	1971	1974	1977	rVB2	7318	9125	0.26%	0.022%
53	14.710	1989	1993	1996	rVB3	3078	4537	0.13%	0.011%
54	14.757	1996	2001	2006	rBV2	31825	46821	1.34%	0.114%
55	14.904	2022	2026	2031	rVB5	5529	6628	0.19%	0.016%
56	15.027	2042	2047	2052	rVB2	7634	11282	0.32%	0.028%
57	15.104	2055	2060	2066	rBV6	2934	5777	0.17%	0.014%
58	15.268	2082	2088	2094	rBV	1614849	2195903	62.78%	5.353%
59	15.316	2094	2096	2101	rVV4	7901	10009	0.29%	0.024%
60	15.386	2102	2108	2122	rVV	448053	626321	17.91%	1.527%
61	15.510	2122	2129	2133	rVB2	19354	30358	0.87%	0.074%
62	15.845	2182	2186	2191	rBV7	7486	9793	0.28%	0.024%
63	15.980	2205	2209	2213	rBV5	3526	4530	0.13%	0.011%
64	16.015	2213	2215	2218	rVV4	4313	4850	0.14%	0.012%
65	16.051	2218	2221	2229	rVB2	14690	21393	0.61%	0.052%
66	16.245	2247	2254	2258	rVV	75817	98964	2.83%	0.241%
67	16.286	2258	2261	2264	rVB4	5559	7119	0.20%	0.017%
68	16.415	2279	2283	2286	rBV3	6097	6700	0.19%	0.016%
69	16.574	2304	2310	2318	rVB6	25986	37698	1.08%	0.092%
70	16.810	2343	2350	2356	rBV7	5852	16036	0.46%	0.039%
71	17.015	2378	2385	2391	rBV	926971	1270164	36.31%	3.096%

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72	17.115	2394	2402	2411	rBV	1868665	2511888	71.82%	6.124%
73	17.215	2416	2419	2422	rBV5	7670	9614	0.27%	0.023%
74	17.257	2422	2426	2427	rBV3	9204	12956	0.37%	0.032%
75	17.380	2444	2447	2451	rVB3	7986	8421	0.24%	0.021%
76	17.633	2486	2490	2494	rVB3	12485	19476	0.56%	0.047%
77	17.727	2503	2506	2511	rVB5	9454	12865	0.37%	0.031%
78	17.933	2535	2541	2546	rBV	133851	179655	5.14%	0.438%
79	17.986	2546	2550	2558	rVV7	24933	55218	1.58%	0.135%
80	18.039	2558	2559	2564	rVV5	3819	5530	0.16%	0.013%
81	18.098	2566	2569	2573	rVB6	4283	6381	0.18%	0.016%
82	18.233	2589	2592	2594	rVV3	4561	4355	0.12%	0.011%
83	18.392	2610	2619	2625	rBV	583536	799728	22.86%	1.950%
84	18.468	2628	2632	2635	rBV3	6336	8617	0.25%	0.021%
85	18.515	2637	2640	2649	rVB5	27444	39875	1.14%	0.097%
86	18.609	2649	2656	2659	rBV8	4669	11376	0.33%	0.028%
87	18.686	2665	2669	2671	rBV4	10758	14157	0.40%	0.035%
88	18.721	2672	2675	2680	rVV5	18559	27421	0.78%	0.067%
89	18.762	2680	2682	2686	rVB5	6376	7183	0.21%	0.018%
90	18.856	2692	2698	2702	rBV8	9532	15404	0.44%	0.038%
91	19.051	2727	2731	2733	rBV2	16528	18034	0.52%	0.044%
92	19.221	2756	2760	2767	rBV2	51714	73736	2.11%	0.180%
93	19.298	2770	2773	2777	rVB	16532	24143	0.69%	0.059%
94	19.415	2787	2793	2799	rBV	2317161	3044808	87.05%	7.423%
95	19.927	2877	2880	2883	rBV4	16024	24652	0.70%	0.060%
96	20.221	2928	2930	2933	rBV4	13622	15204	0.43%	0.037%
97	20.945	3049	3053	3061	rBV	217161	276871	7.92%	0.675%
98	21.209	3093	3098	3104	rBV	1297453	1542830	44.11%	3.761%
99	23.268	3441	3448	3456	rBV	1809227	3204322	91.61%	7.812%
100	23.403	3465	3471	3479	rVB2	859652	1559452	44.59%	3.802%

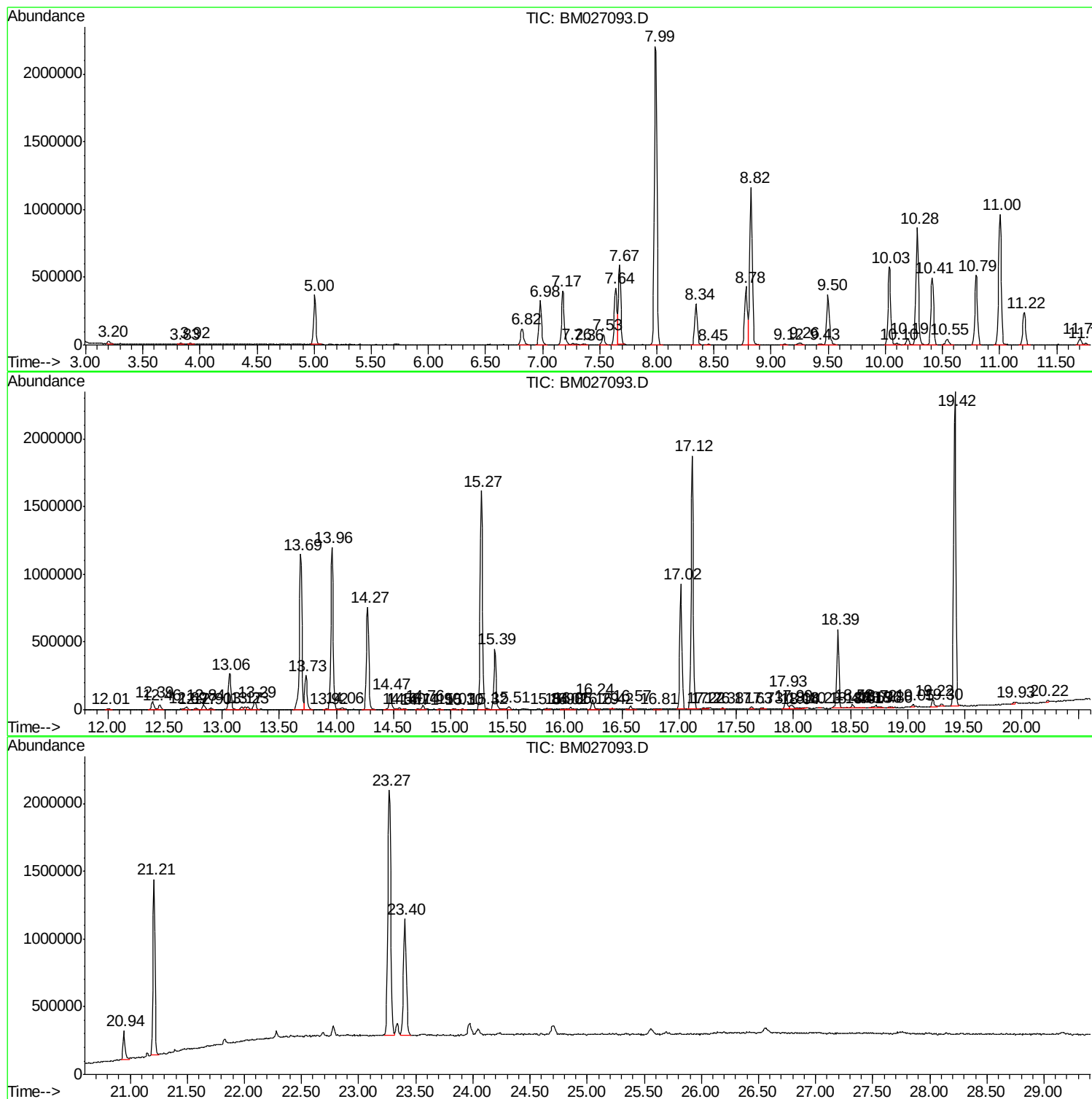
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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



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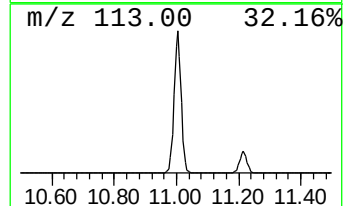
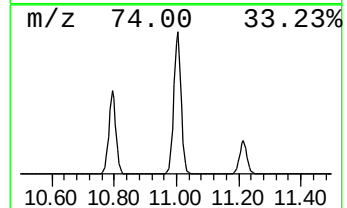
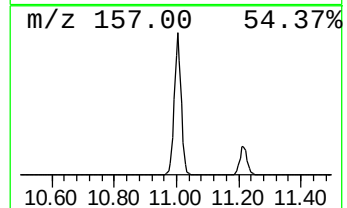
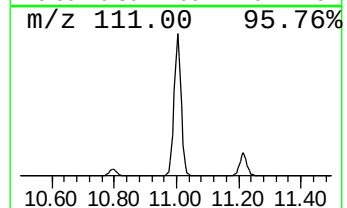
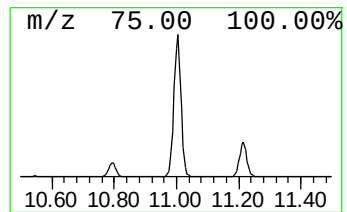
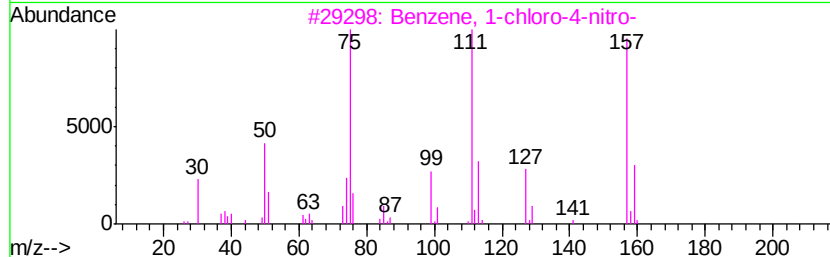
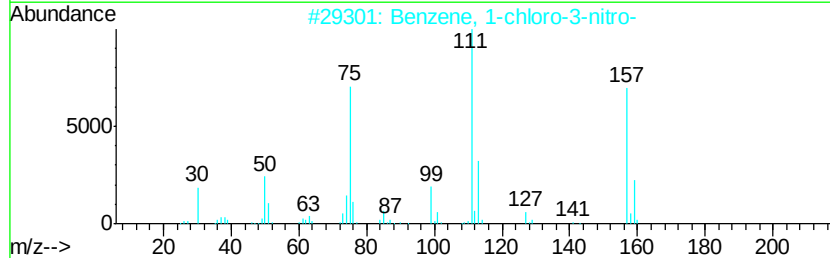
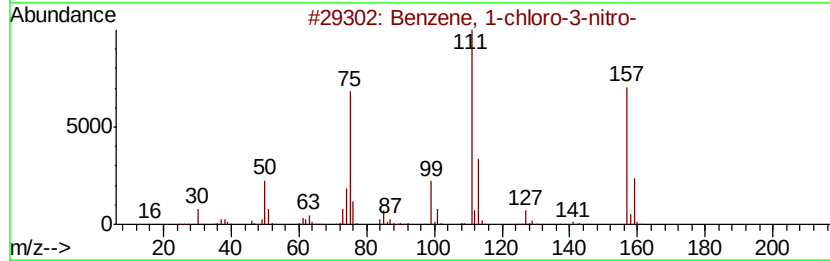
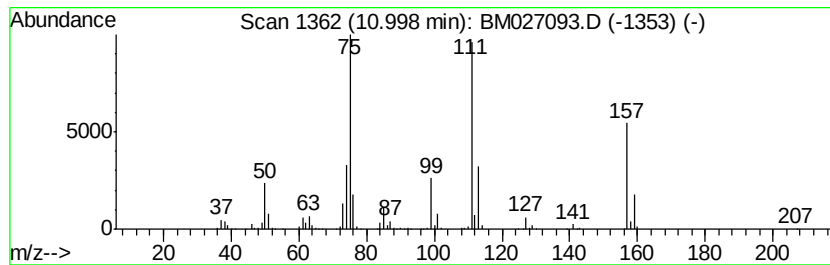
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
11.00	38.07 ng/ul	1555710	Naphthalene-d8	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
2		Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	92
3		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
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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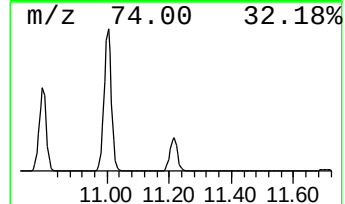
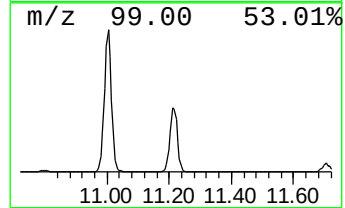
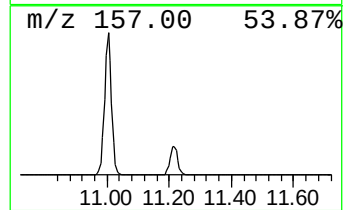
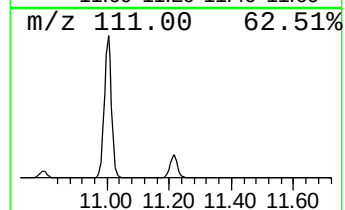
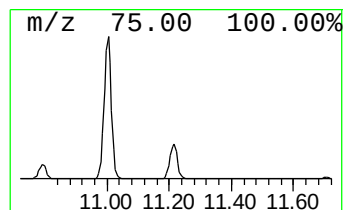
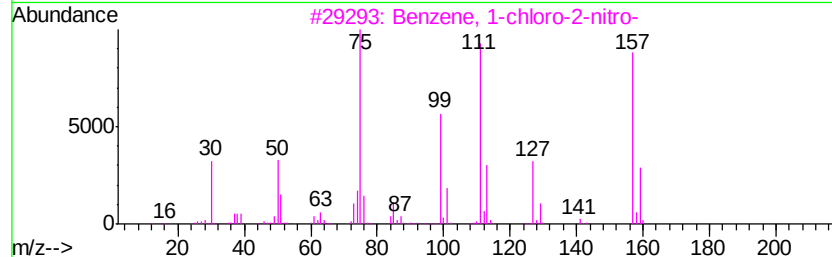
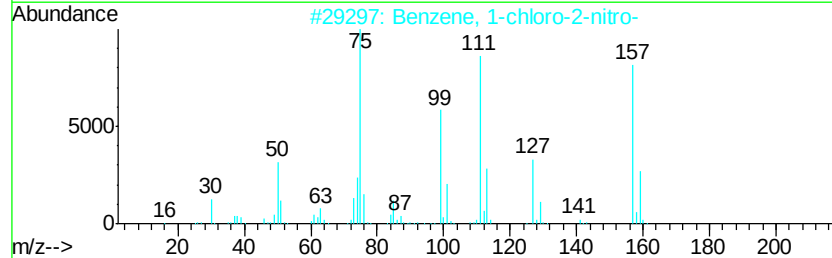
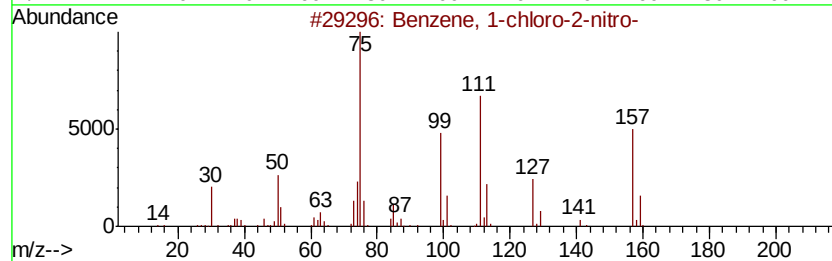
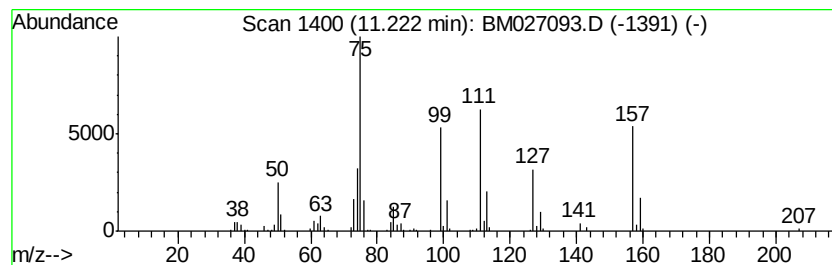
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
11.22	9.68 ng/ul	395465	Naphthalene-d8	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
2		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
3		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	94
4		Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	92
5		Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	76



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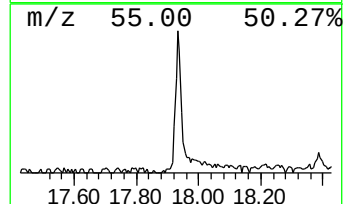
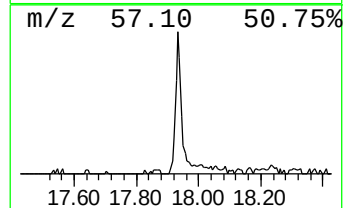
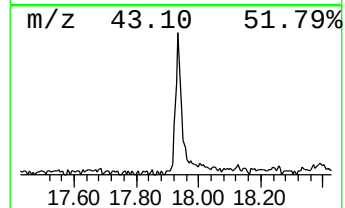
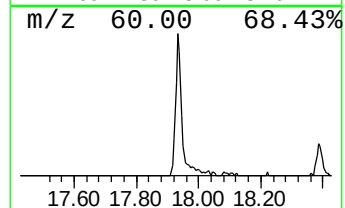
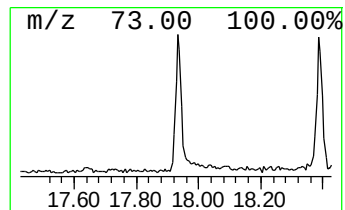
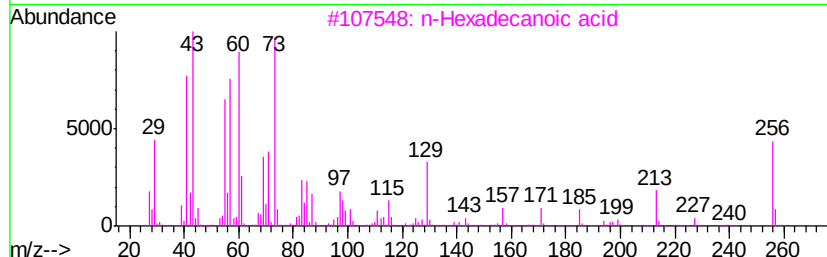
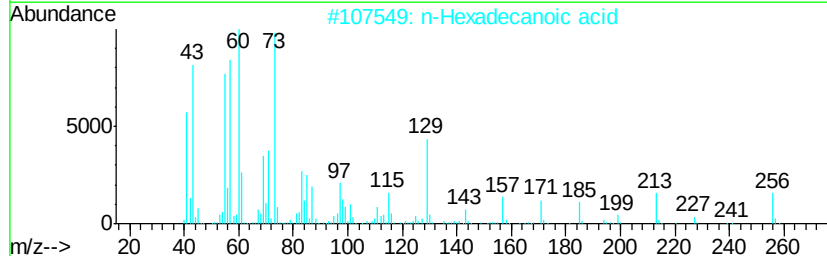
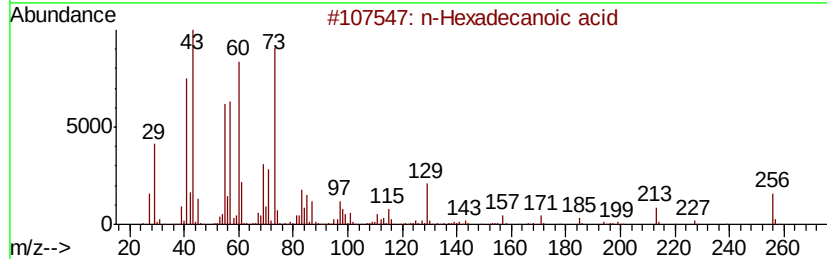
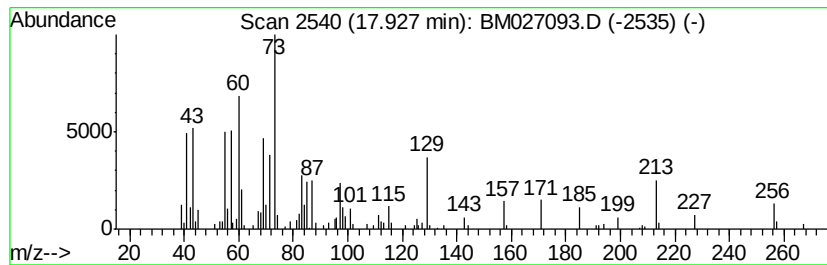
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.83 ng/ul	179655	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027093.D
Acq On : 14 Aug 2020 17:53
Operator : JU/CG
Sample : L3684-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

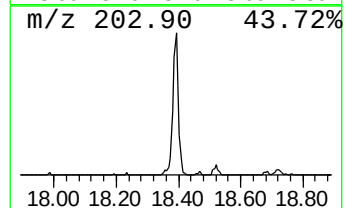
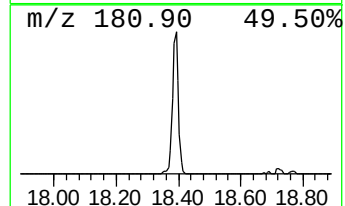
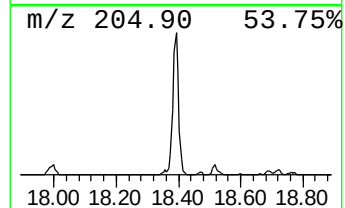
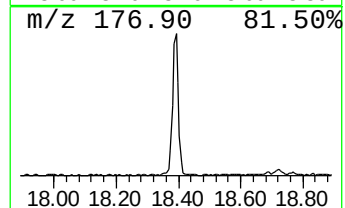
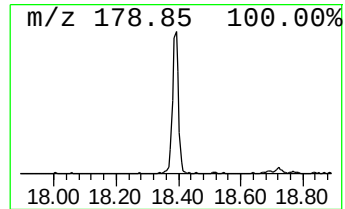
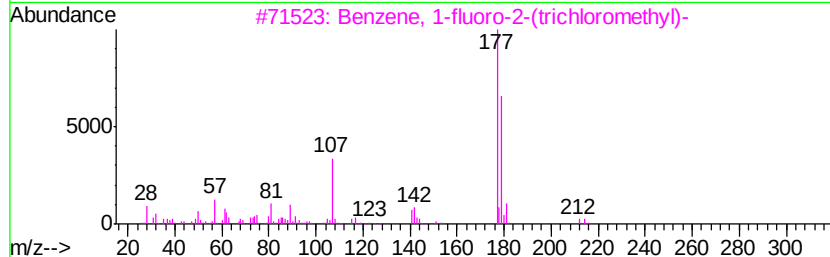
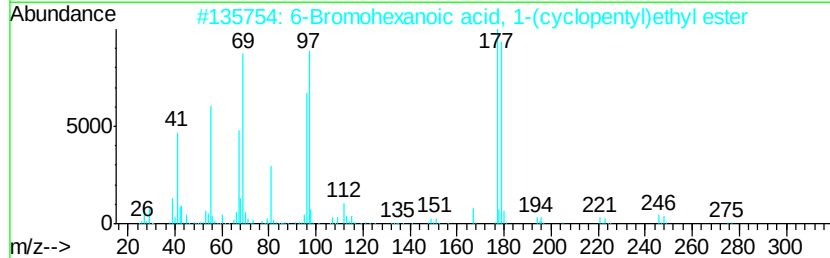
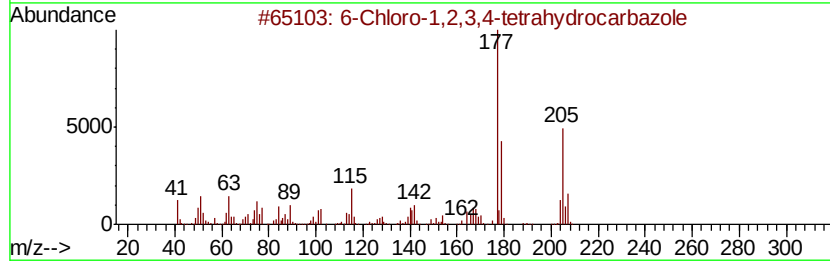
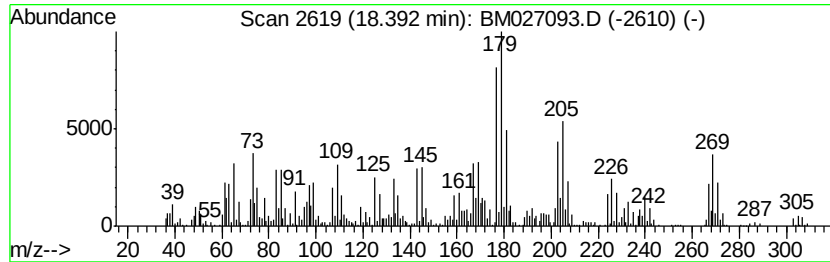
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	12.59 ng/ul	799728	Phenanthrene-d10	17.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205 C12H12ClN	036684-65-8	38
2	6-Bromohexanoic acid, 1-(cyclope...	290 C13H23BrO2	1000293-29-6	27
3	Benzene, 1-fluoro-2-(trichlorome...	212 C7H4Cl3F	000488-98-2	18
4	2,4-Dimethoxyphenyl isocyanate	179 C9H9NO3	084370-87-6	15
5	Octamethyl-1,4-cyclohexadiene	192 C14H24	172684-93-4	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027093.D
Acq On : 14 Aug 2020 17:53
Operator : JU/CG
Sample : L3684-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0F89

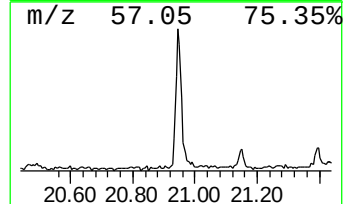
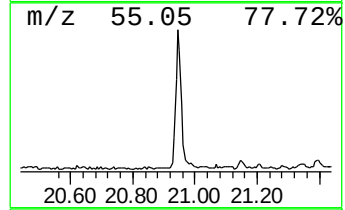
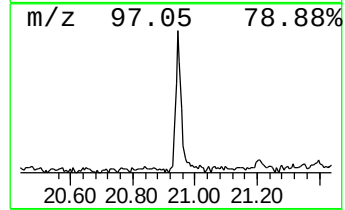
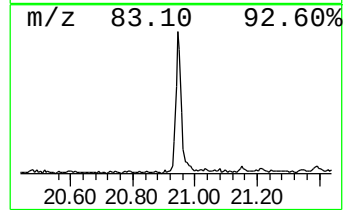
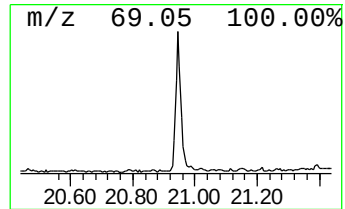
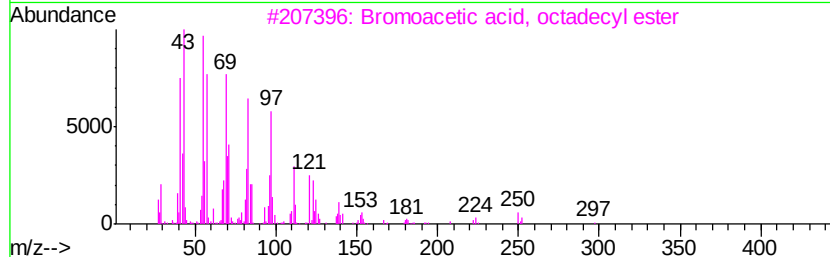
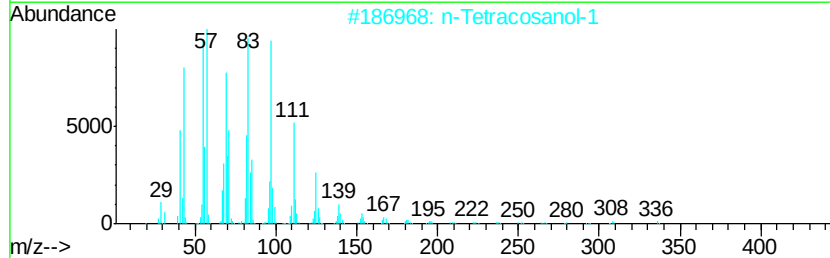
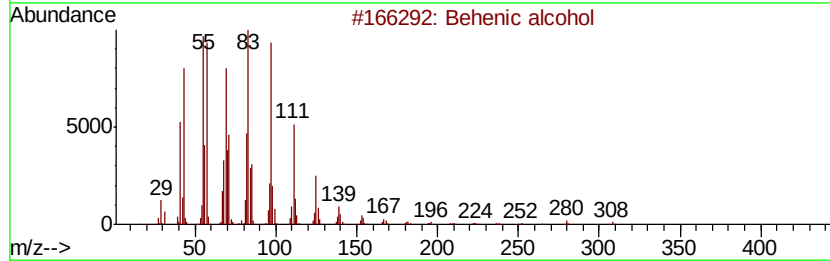
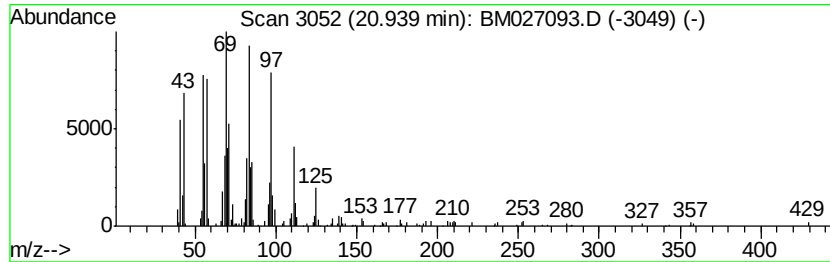
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Behenic alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.59 ng/ul	276871	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	93
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081320\
Data File : BM027093.D
Acq On : 14 Aug 2020 17:53
Operator : JU/CG
Sample : L3684-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0F89

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.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...	11.00	38.1	ng/ul	1555710	2	10.41	817359	20.0
Benzene, 1-chloro...	11.22	9.7	ng/ul	395465	2	10.41	817359	20.0
n-Hexadecanoic acid	17.93	2.8	ng/ul	179655	4	17.02	1270160	20.0
unknown-01	18.39	12.6	ng/ul	799728	4	17.02	1270160	20.0
Behenic alcohol	20.94	3.6	ng/ul	276871	5	21.21	1542830	20.0