

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022329.D
 Acq On : 26 Aug 2019 14:06
 Operator : HP/JU
 Sample : K4373-18DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE4DL

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-BM082219MA.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	6.769	635	643	658	rBV	190123	343071	38.17%	4.197%
2	6.910	662	667	673	rBV	18417	30538	3.40%	0.374%
3	7.087	692	697	704	rBB2	27904	40576	4.51%	0.496%
4	7.545	769	775	784	rBB	160878	253258	28.18%	3.098%
5	7.898	830	835	841	rBB	19698	27892	3.10%	0.341%
6	8.069	860	864	869	rBB	4855	6720	0.75%	0.082%
7	8.281	896	900	908	rBB	17789	27662	3.08%	0.338%
8	8.357	908	913	917	rBB2	2355	4241	0.47%	0.052%
9	8.728	969	976	981	rBV	27129	50171	5.58%	0.614%
10	8.763	981	982	987	rVB2	5463	6330	0.70%	0.077%
11	9.434	1091	1096	1104	rBB2	24178	40526	4.51%	0.496%
12	9.540	1110	1114	1115	rBV	2705	3087	0.34%	0.038%
13	9.563	1115	1118	1124	rVB3	5684	8877	0.99%	0.109%
14	9.669	1132	1136	1137	rBV2	2150	3035	0.34%	0.037%
15	9.739	1142	1148	1151	rVB3	8810	12755	1.42%	0.156%
16	9.851	1163	1167	1171	rVB2	2578	3552	0.40%	0.043%
17	9.981	1183	1189	1198	rBV2	33577	64464	7.17%	0.789%
18	10.316	1240	1246	1250	rBV	245875	397749	44.26%	4.866%
19	10.369	1250	1255	1266	rVB	551805	898763	100.00%	10.994%
20	10.492	1271	1276	1282	rVB	26356	40174	4.47%	0.491%
21	10.957	1344	1355	1366	rBV	115937	263184	29.28%	3.219%
22	11.433	1431	1436	1441	rVB4	1922	3777	0.42%	0.046%
23	11.692	1475	1480	1482	rBV2	2240	2935	0.33%	0.036%
24	11.998	1526	1532	1538	rBB	27277	43417	4.83%	0.531%
25	12.092	1544	1548	1552	rBV	5119	6628	0.74%	0.081%
26	12.216	1561	1569	1576	rBB	41352	66029	7.35%	0.808%
27	13.028	1704	1707	1712	rBB	5938	7957	0.89%	0.097%
28	13.227	1737	1741	1746	rBB2	2512	3887	0.43%	0.048%
29	13.357	1758	1763	1766	rVV	2448	4346	0.48%	0.053%
30	13.516	1785	1790	1796	rBV2	7210	12421	1.38%	0.152%
31	13.575	1796	1800	1804	rVV2	4276	7107	0.79%	0.087%
32	13.627	1804	1809	1815	rVV	93561	132703	14.77%	1.623%
33	13.680	1815	1818	1822	rVB	10735	12177	1.35%	0.149%
34	13.763	1828	1832	1834	rBV2	2831	3930	0.44%	0.048%

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35	13.898	1849	1855	1865	rVB2	102886	152222	16.94%	1.862%
36	14.204	1900	1907	1913	rBV2	425987	612223	68.12%	7.489%
37	14.269	1913	1918	1925	rVV	123337	171948	19.13%	2.103%
38	14.369	1929	1935	1939	rBV2	16235	20275	2.26%	0.248%
39	14.510	1954	1959	1960	rBV	3302	4537	0.50%	0.056%
40	14.527	1960	1962	1963	rVV	3070	3108	0.35%	0.038%
41	14.539	1963	1964	1968	rVB2	4378	3786	0.42%	0.046%
42	14.610	1970	1976	1982	rBV	36241	51071	5.68%	0.625%
43	14.727	1992	1996	1997	rBV	2336	2933	0.33%	0.036%
44	14.751	1997	2000	2003	rVV	2532	3916	0.44%	0.048%
45	14.816	2010	2011	2017	rVV2	2433	3374	0.38%	0.041%
46	15.139	2063	2066	2070	rVB3	3311	3959	0.44%	0.048%
47	15.210	2072	2078	2083	rBV	140816	202583	22.54%	2.478%
48	15.263	2083	2087	2095	rVB	42027	64760	7.21%	0.792%
49	15.386	2102	2108	2113	rBV4	33822	55896	6.22%	0.684%
50	15.680	2154	2158	2161	rVB4	6980	8676	0.97%	0.106%
51	15.716	2161	2164	2170	rVB2	3698	7003	0.78%	0.086%
52	15.792	2175	2177	2181	rVB	3278	3633	0.40%	0.044%
53	15.851	2184	2187	2188	rBV3	2698	2775	0.31%	0.034%
54	15.974	2203	2208	2220	rVV	79008	126597	14.09%	1.549%
55	16.057	2220	2222	2227	rVV3	5191	7783	0.87%	0.095%
56	16.104	2227	2230	2231	rVV2	3568	3692	0.41%	0.045%
57	16.186	2239	2244	2248	rVB3	3871	6464	0.72%	0.079%
58	16.257	2248	2256	2261	rBV3	17599	26877	2.99%	0.329%
59	16.310	2263	2265	2270	rVB5	2900	3279	0.36%	0.040%
60	16.392	2277	2279	2283	rVB3	3612	3745	0.42%	0.046%
61	16.763	2336	2342	2352	rVV6	12667	32370	3.60%	0.396%
62	16.874	2356	2361	2365	rBV4	9683	18822	2.09%	0.230%
63	16.968	2370	2377	2381	rBV	597657	814309	90.60%	9.961%
64	17.010	2381	2384	2388	rVB	60979	78361	8.72%	0.959%
65	17.068	2388	2394	2398	rBV2	167554	243064	27.04%	2.973%
66	17.174	2408	2412	2416	rVB6	4828	8373	0.93%	0.102%
67	17.357	2440	2443	2445	rVV2	4549	5889	0.66%	0.072%
68	17.392	2445	2449	2455	rVB	23883	33073	3.68%	0.405%
69	17.451	2455	2459	2460	rBV3	2982	3696	0.41%	0.045%
70	17.498	2463	2467	2472	rVB5	6613	8844	0.98%	0.108%
71	17.563	2474	2478	2482	rBV	10082	14205	1.58%	0.174%

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72	17.615	2483	2487	2488	rBV4	3506	3958	0.44%	0.048%
73	17.739	2504	2508	2511	rBV5	4165	5073	0.56%	0.062%
74	17.821	2517	2522	2526	rBV3	14996	26376	2.93%	0.323%
75	17.862	2526	2529	2533	rBV3	36555	41207	4.58%	0.504%
76	17.992	2546	2551	2556	rVB4	11883	14058	1.56%	0.172%
77	18.057	2556	2562	2566	rBV5	8962	15446	1.72%	0.189%
78	18.145	2573	2577	2578	rBV4	2880	3671	0.41%	0.045%
79	18.257	2592	2596	2601	rBV3	6789	8177	0.91%	0.100%
80	18.304	2601	2604	2608	rBV5	2929	4268	0.47%	0.052%
81	18.421	2622	2624	2625	rBV2	3455	2908	0.32%	0.036%
82	18.527	2640	2642	2644	rBV3	2905	2844	0.32%	0.035%
83	18.692	2666	2670	2671	rBV4	4637	4212	0.47%	0.052%
84	18.780	2683	2685	2692	rVB4	4204	6344	0.71%	0.078%
85	19.004	2719	2723	2726	rBV4	5769	8911	0.99%	0.109%
86	19.039	2726	2729	2733	rVB	10004	12399	1.38%	0.152%
87	19.151	2745	2748	2753	rBV3	30165	38632	4.30%	0.473%
88	19.257	2762	2766	2769	rBV6	5277	6446	0.72%	0.079%
89	19.374	2781	2786	2795	rBV2	220381	297523	33.10%	3.640%
90	19.445	2795	2798	2803	rVB6	7116	9570	1.06%	0.117%
91	19.580	2819	2821	2825	rBV4	3417	3111	0.35%	0.038%
92	19.909	2875	2877	2879	rVB2	6536	5566	0.62%	0.068%
93	20.404	2959	2961	2965	rVB3	7617	6661	0.74%	0.081%
94	20.874	3035	3041	3046	rBV6	25183	46621	5.19%	0.570%
95	21.180	3088	3093	3101	rBV	674699	872103	97.03%	10.668%
96	21.733	3184	3187	3190	rBV3	24891	26508	2.95%	0.324%
97	22.180	3260	3263	3266	rVB	35049	37503	4.17%	0.459%
98	22.668	3343	3346	3351	rVB2	39870	56019	6.23%	0.685%
99	23.227	3435	3441	3448	rVB2	120128	270168	30.06%	3.305%
100	23.374	3459	3466	3474	rVB	367698	686376	76.37%	8.396%

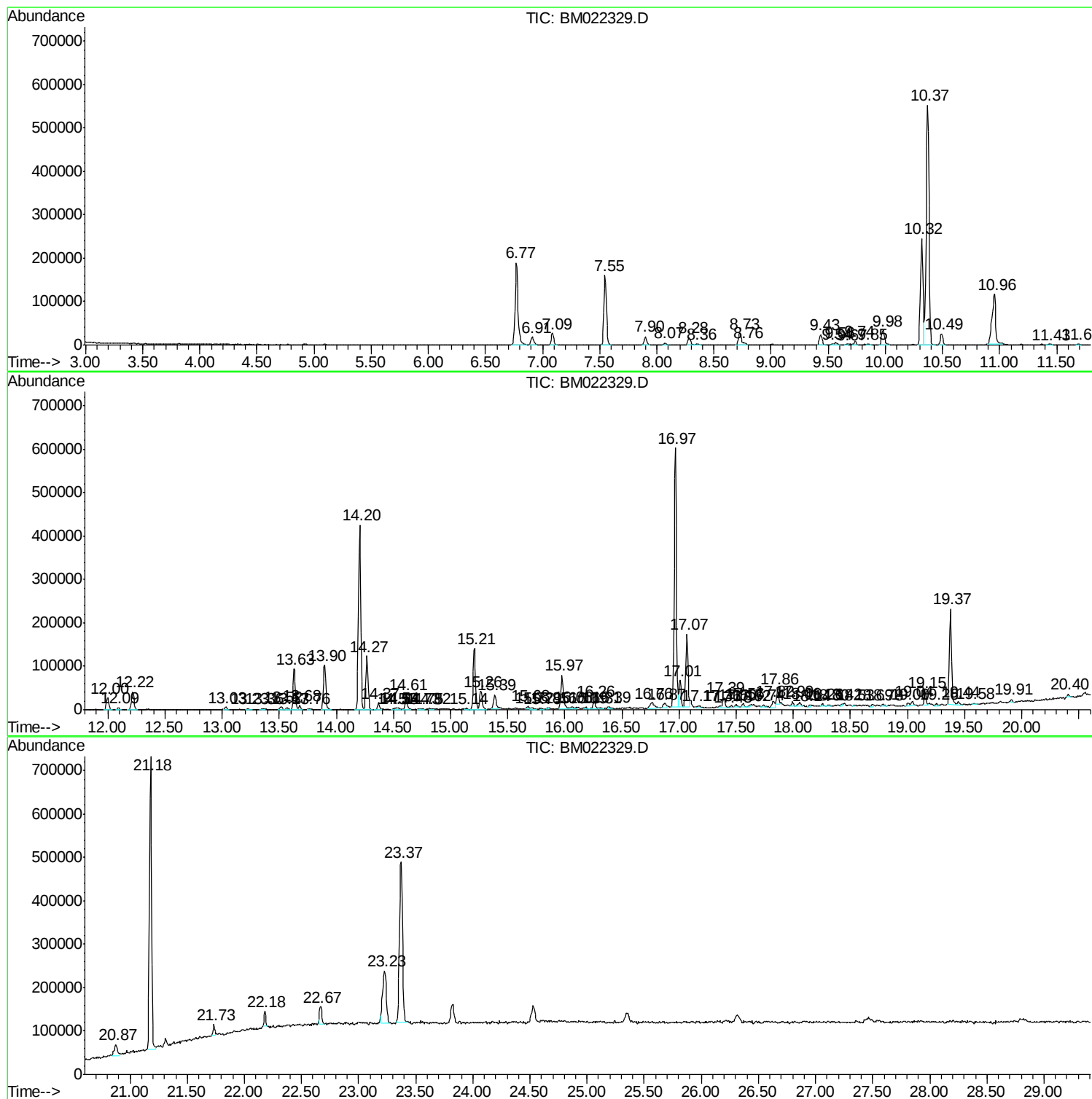
Sum of corrected areas: 8174719

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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



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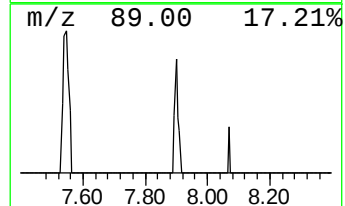
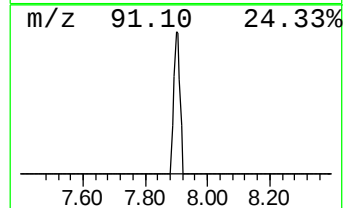
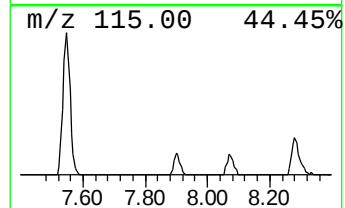
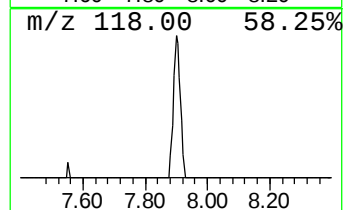
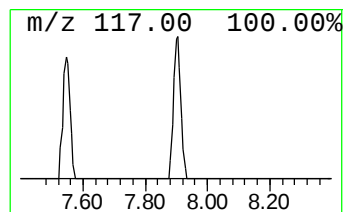
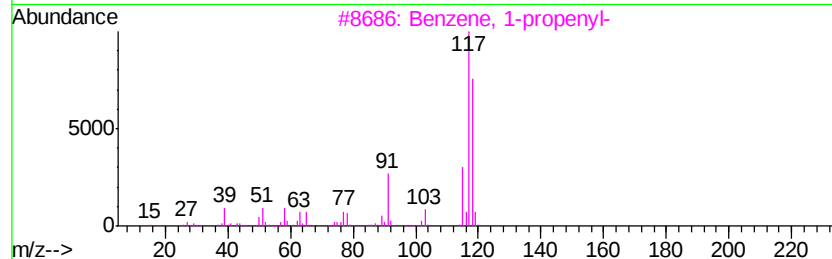
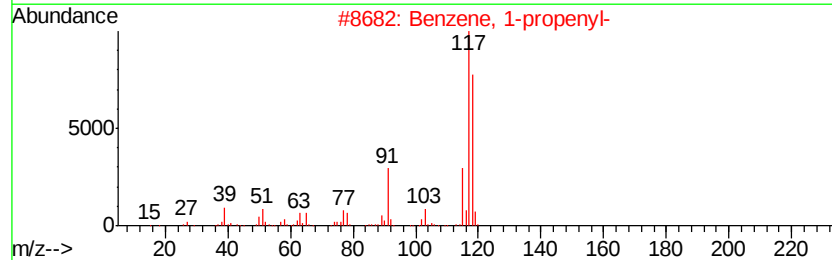
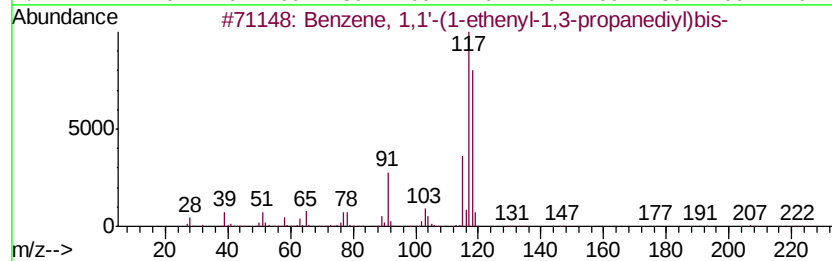
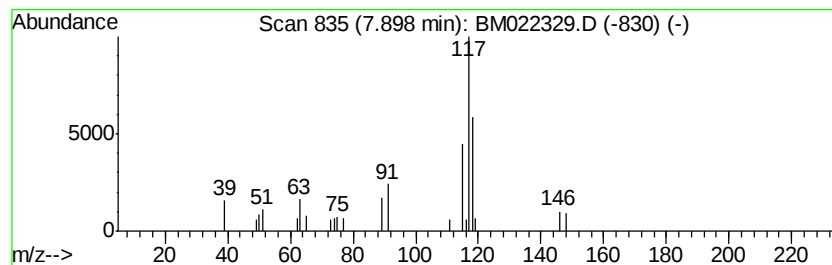
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	2.20 ng/ul	27892	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	53
2		Benzene, 1-propenyl-	118	C9H10	000637-50-3	52
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	52
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	52
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	52



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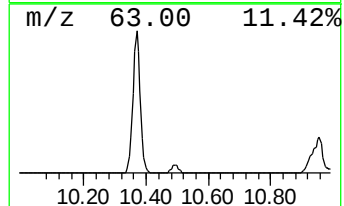
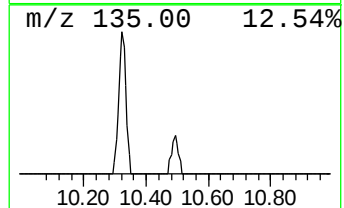
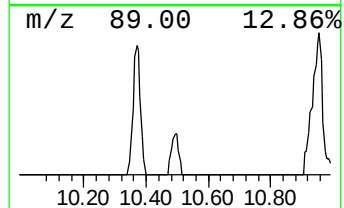
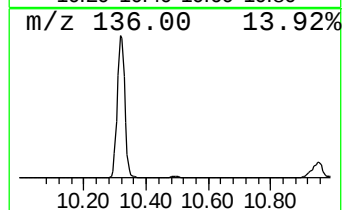
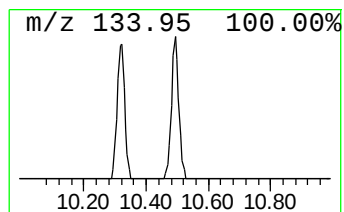
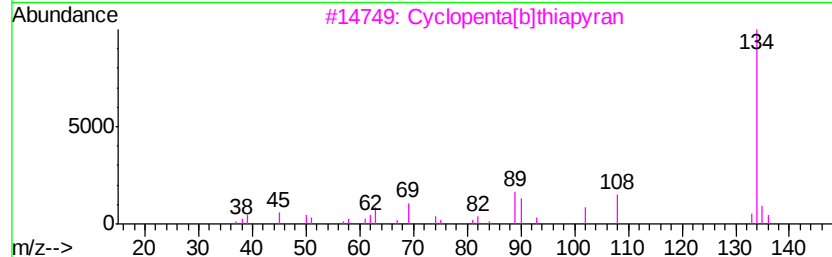
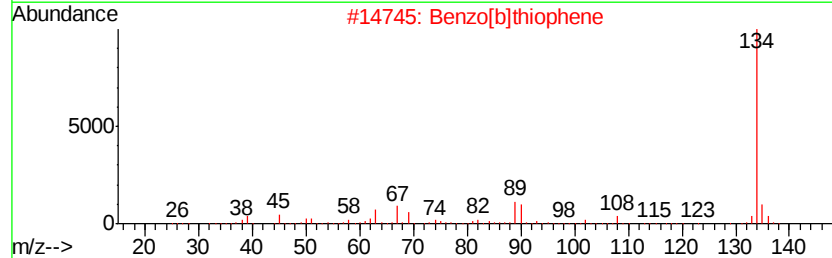
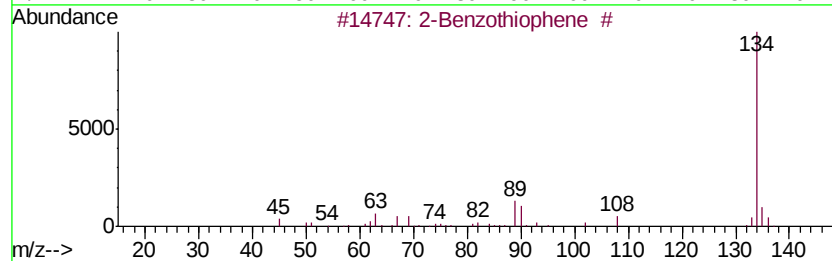
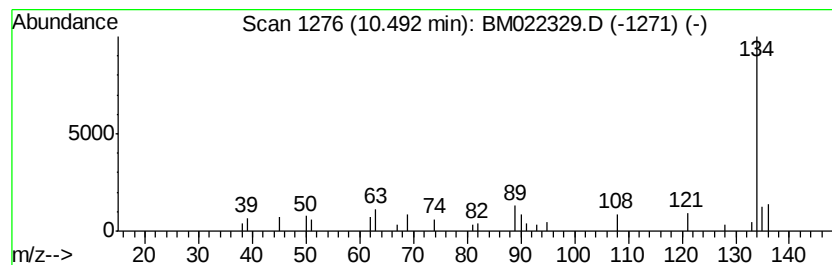
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-Benzothiophene # Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	2.02 ng/ul	40174	Napthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Benzothiophene #	134	C8H6S	000270-82-6	80
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	80
3		Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	80
4		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	80
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	72



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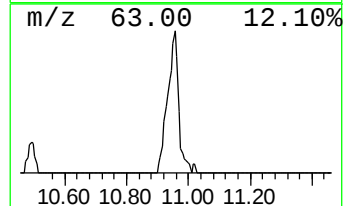
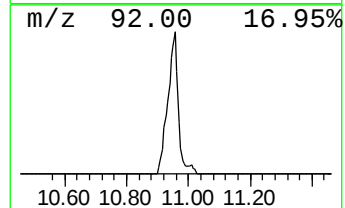
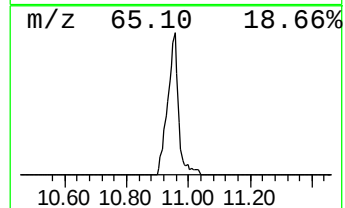
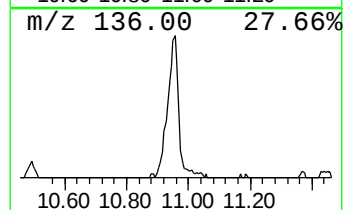
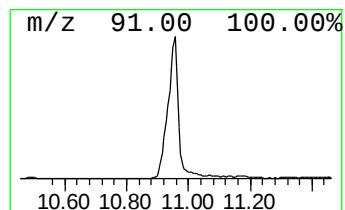
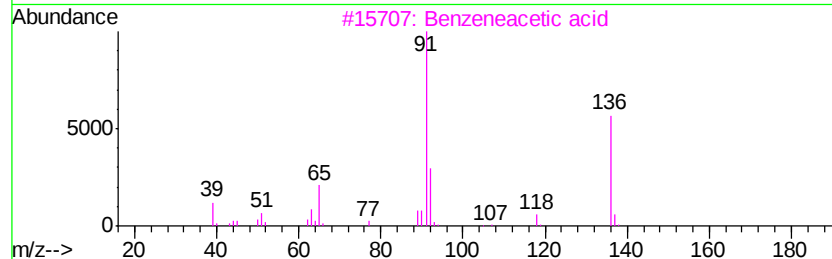
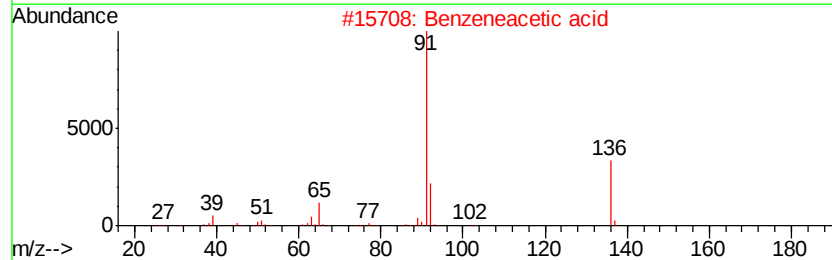
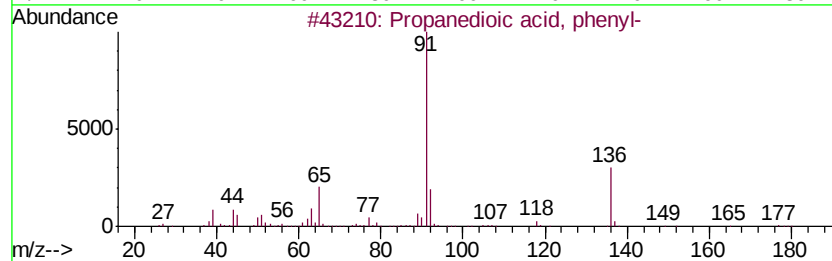
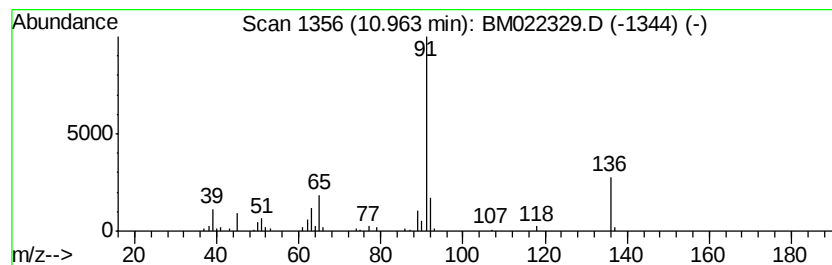
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Propanedioic acid, phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	13.23 ng/ul	263184	Naphthalene-d8	10.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	86
2		Benzeneacetic acid	136	C8H8O2	000103-82-2	72
3		Benzeneacetic acid	136	C8H8O2	000103-82-2	64
4		Benzeneacetaldehyde	120	C8H8O	000122-78-1	50
5		Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022329.D
Acq On : 26 Aug 2019 14:06
Operator : HP/JU
Sample : K4373-18DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE4DL

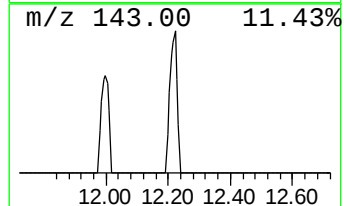
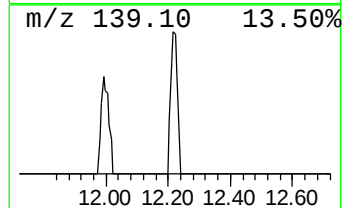
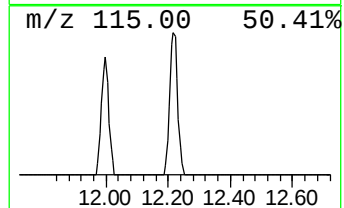
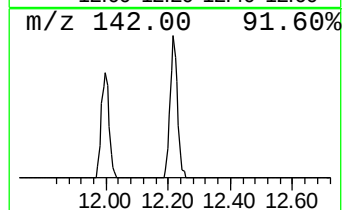
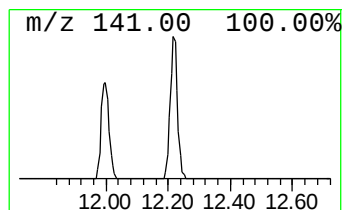
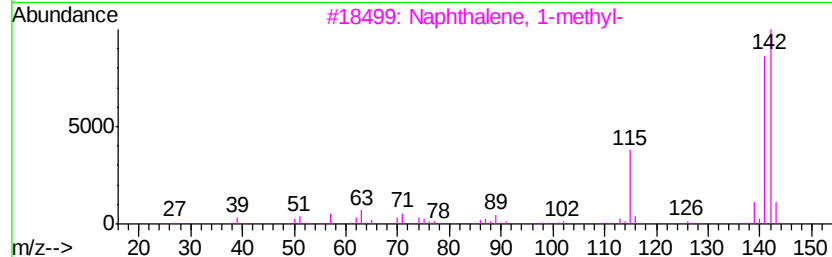
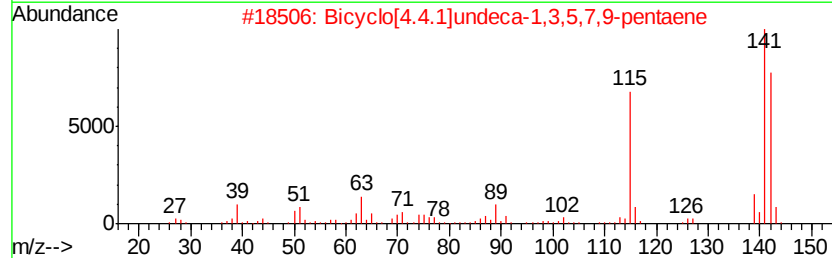
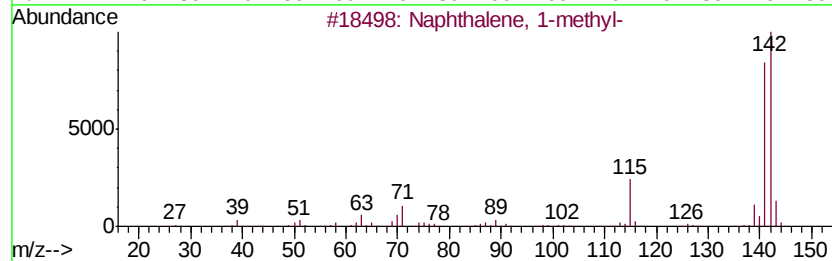
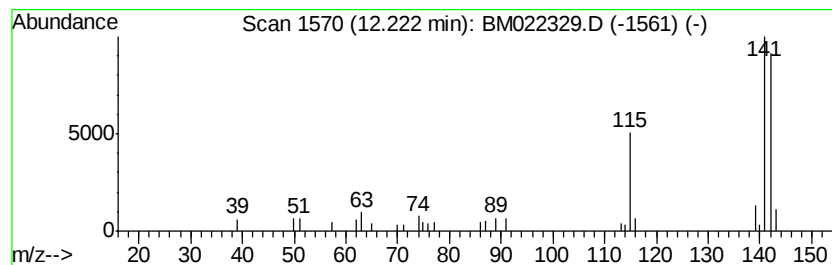
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	3.32 ng/ul	66029	Naphthalene-d8	10.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022329.D
Acq On : 26 Aug 2019 14:06
Operator : HP/JU
Sample : K4373-18DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

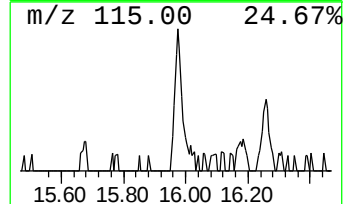
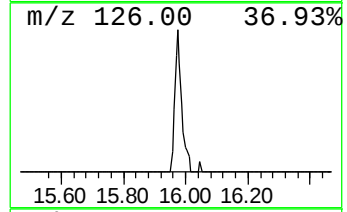
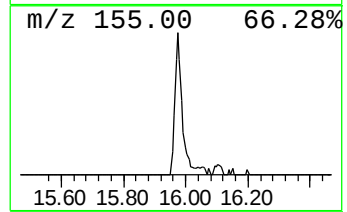
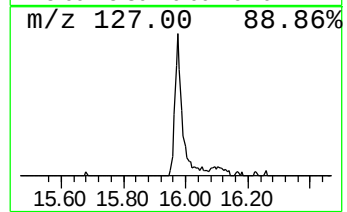
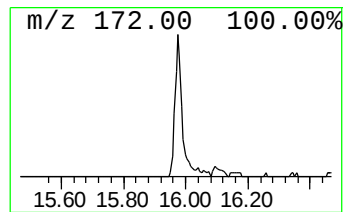
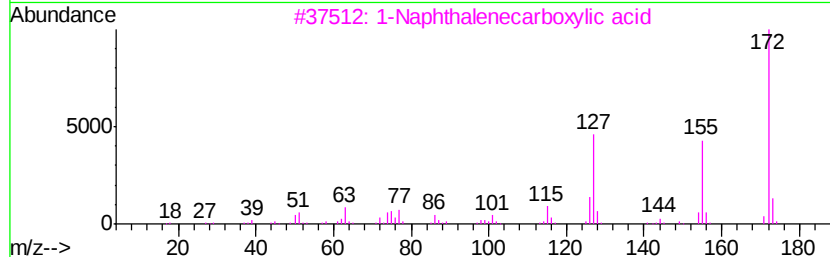
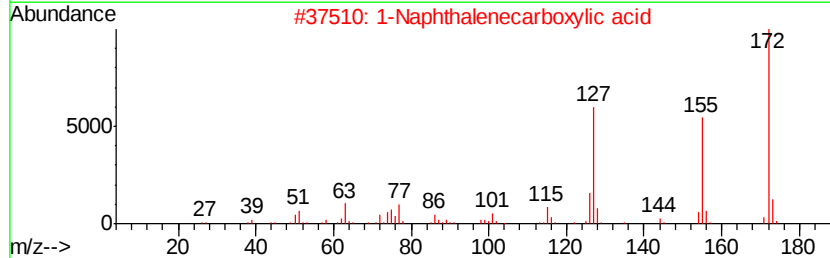
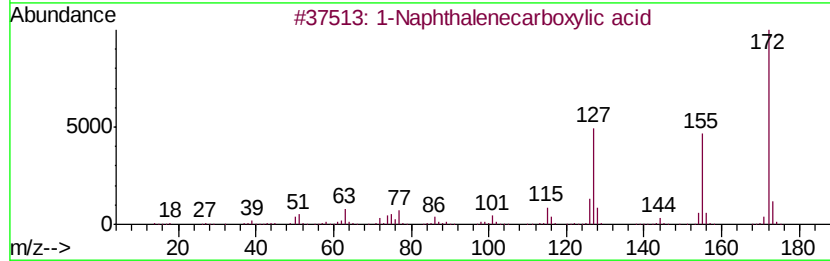
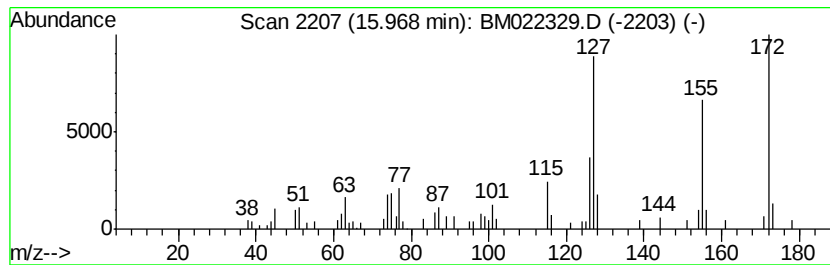
Instrument :
BNA_M
ClientSampleId :
C0AE4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Naphthalenecarboxylic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.97	3.11 ng/ul	126597	Phenanthrene-d10		16.97		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	96
2			1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	95
3			1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	94
4			2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	93
5			2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.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, 1,1'-(1-...	7.90	2.2	ng/ul	27892	1	7.55	253258	20.0
2-Benzothiophene #	10.49	2.0	ng/ul	40174	2	10.32	397749	20.0
Propanedioic acid...	10.96	13.2	ng/ul	263184	2	10.32	397749	20.0
Naphthalene, 1-me...	12.22	3.3	ng/ul	66029	2	10.32	397749	20.0
1-Naphthalenecarb...	15.97	3.1	ng/ul	126597	4	16.97	814309	20.0