

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026989.D
 Acq On : 03 Aug 2020 21:40
 Operator : JU/CG
 Sample : L3424-03DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S78DL

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-BM072720MA.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	6.840	645	655	664	rBV	28322	53980	1.02%	0.147%
2	6.999	676	682	689	rVB2	21256	34650	0.65%	0.094%
3	7.199	711	716	722	rVB3	30199	45322	0.86%	0.123%
4	7.663	787	795	804	rBV	437120	668504	12.63%	1.816%
5	8.199	879	886	898	rBV	36441	70311	1.33%	0.191%
6	8.363	909	914	921	rVB	33143	52088	0.98%	0.141%
7	8.799	982	988	997	rVB	26598	43851	0.83%	0.119%
8	9.516	1105	1110	1117	rBV2	19847	33170	0.63%	0.090%
9	10.057	1197	1202	1208	rVB2	34056	56451	1.07%	0.153%
10	10.434	1257	1266	1271	rBV	552670	920728	17.40%	2.501%
11	10.481	1271	1274	1283	rVV	71576	116791	2.21%	0.317%
12	10.569	1283	1289	1293	rVV2	12655	24353	0.46%	0.066%
13	11.928	1516	1520	1528	rBV6	5731	11836	0.22%	0.032%
14	12.098	1543	1549	1556	rVB	22636	35238	0.67%	0.096%
15	12.322	1581	1587	1591	rBV2	9324	13680	0.26%	0.037%
16	13.704	1818	1822	1826	rVV	56986	79206	1.50%	0.215%
17	13.751	1826	1830	1836	rVB	23105	32405	0.61%	0.088%
18	13.981	1862	1869	1870	rBV	65363	81299	1.54%	0.221%
19	14.010	1870	1874	1889	rVB	173860	300230	5.67%	0.816%
20	14.292	1915	1922	1929	rVV2	801525	1174363	22.19%	3.190%
21	14.351	1929	1932	1939	rVB	21721	35025	0.66%	0.095%
22	14.486	1950	1955	1962	rVB5	16148	28500	0.54%	0.077%
23	14.692	1985	1990	1995	rBV	31679	44140	0.83%	0.120%
24	15.175	2066	2072	2077	rBV2	8124	15766	0.30%	0.043%
25	15.286	2084	2091	2096	rBV	87929	122841	2.32%	0.334%
26	15.345	2096	2101	2106	rVV	23910	38743	0.73%	0.105%
27	15.404	2106	2111	2115	rVB4	12597	17934	0.34%	0.049%
28	15.545	2129	2135	2139	rBV7	8653	18928	0.36%	0.051%
29	15.639	2147	2151	2154	rBV4	8094	11645	0.22%	0.032%
30	15.680	2154	2158	2162	rVB3	8468	14300	0.27%	0.039%
31	15.786	2173	2176	2182	rVB5	8961	15842	0.30%	0.043%
32	16.010	2207	2214	2218	rBV2	35126	61550	1.16%	0.167%
33	16.069	2221	2224	2230	rVB2	10784	15640	0.30%	0.042%
34	16.616	2312	2317	2321	rVV	31240	44991	0.85%	0.122%

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35	16.686	2325	2329	2338	rVB	34185	54047	1.02%	0.147%
36	16.833	2349	2354	2355	rBV3	9095	14682	0.28%	0.040%
37	17.033	2382	2388	2392	rBV	994904	1369491	25.88%	3.720%
38	17.074	2392	2395	2400	rVV	158082	214141	4.05%	0.582%
39	17.133	2400	2405	2406	rVV	97767	130128	2.46%	0.353%
40	17.163	2406	2410	2429	rVV	729991	1131755	21.38%	3.074%
41	17.433	2447	2456	2462	rBV	62145	116064	2.19%	0.315%
42	17.563	2474	2478	2484	rVB7	14516	21678	0.41%	0.059%
43	17.692	2496	2500	2504	rVV7	12434	20887	0.39%	0.057%
44	17.733	2504	2507	2515	rVB6	19255	31986	0.60%	0.087%
45	17.910	2531	2537	2540	rBV2	18517	27595	0.52%	0.075%
46	17.951	2540	2544	2549	rVB2	59429	82572	1.56%	0.224%
47	18.039	2553	2559	2564	rBV	71776	113628	2.15%	0.309%
48	18.104	2565	2570	2575	rBV3	56879	103285	1.95%	0.281%
49	18.298	2598	2603	2610	rVB	72258	105592	2.00%	0.287%
50	18.386	2614	2618	2620	rVV3	27873	39653	0.75%	0.108%
51	18.410	2620	2622	2625	rVV2	25063	31153	0.59%	0.085%
52	18.445	2625	2628	2636	rVB	71595	91108	1.72%	0.247%
53	18.710	2671	2673	2676	rBV4	8386	12613	0.24%	0.034%
54	18.751	2678	2680	2683	rVB4	12389	13458	0.25%	0.037%
55	18.827	2689	2693	2697	rBV4	42919	70135	1.33%	0.191%
56	18.910	2701	2707	2712	rVV4	91408	136616	2.58%	0.371%
57	18.968	2712	2717	2726	rVB	110561	164589	3.11%	0.447%
58	19.045	2726	2730	2733	rBV	53773	70378	1.33%	0.191%
59	19.092	2733	2738	2744	rVV	1018885	1352290	25.55%	3.673%
60	19.239	2759	2763	2768	rBV2	94123	146408	2.77%	0.398%
61	19.427	2790	2795	2796	rBV	260705	310765	5.87%	0.844%
62	19.457	2796	2800	2808	rVV	1223128	1677994	31.71%	4.558%
63	19.539	2810	2814	2820	rVB3	39794	81865	1.55%	0.222%
64	19.639	2827	2831	2836	rBV	60776	89579	1.69%	0.243%
65	19.692	2837	2840	2849	rVB3	41071	74681	1.41%	0.203%
66	19.798	2851	2858	2861	rBV3	125815	252131	4.76%	0.685%
67	19.921	2874	2879	2890	rVB3	169453	464809	8.78%	1.263%
68	20.051	2898	2901	2905	rVB	69888	87057	1.64%	0.236%
69	20.110	2906	2911	2915	rVV2	155877	244987	4.63%	0.665%
70	20.151	2915	2918	2922	rVB4	48628	66170	1.25%	0.180%
71	20.251	2931	2935	2939	rBV	145327	198946	3.76%	0.540%

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72	20.298	2939	2943	2946	rBV4	67817	118064	2.23%	0.321%
73	20.510	2976	2979	2983	rBV5	66688	108663	2.05%	0.295%
74	20.615	2995	2997	3000	rBV3	39735	42957	0.81%	0.117%
75	20.657	3001	3004	3007	rVV	55864	70415	1.33%	0.191%
76	20.698	3008	3011	3018	rVB2	182145	296425	5.60%	0.805%
77	20.868	3033	3040	3043	rBV2	183836	372338	7.04%	1.011%
78	20.904	3043	3046	3049	rVV2	165511	219395	4.15%	0.596%
79	20.945	3049	3053	3058	rVV2	360034	558782	10.56%	1.518%
80	20.992	3058	3061	3065	rVB2	119677	164879	3.12%	0.448%
81	21.215	3092	3099	3103	rBV2	1483596	3182668	60.14%	8.645%
82	21.257	3103	3106	3113	rVB	1478813	1987643	37.56%	5.399%
83	21.392	3124	3129	3133	rBV2	173079	294823	5.57%	0.801%
84	21.474	3141	3143	3147	rVB3	121748	142322	2.69%	0.387%
85	21.521	3148	3151	3155	rVV2	184697	262837	4.97%	0.714%
86	21.580	3158	3161	3169	rVB3	125493	213745	4.04%	0.581%
87	21.715	3181	3184	3187	rBV3	65927	111441	2.11%	0.303%
88	21.768	3190	3193	3197	rVV	213942	278213	5.26%	0.756%
89	21.821	3198	3202	3207	rVB2	176605	266981	5.04%	0.725%
90	21.956	3222	3225	3228	rBV3	121818	169824	3.21%	0.461%
91	22.503	3314	3318	3321	rBV	163808	299718	5.66%	0.814%
92	22.633	3335	3340	3345	rVB2	267639	441108	8.33%	1.198%
93	22.780	3357	3365	3369	rBV2	2181208	5292327	100.00%	14.376%
94	22.939	3387	3392	3397	rBV	293995	460586	8.70%	1.251%
95	23.068	3410	3414	3424	rVB2	148368	335317	6.34%	0.911%
96	23.239	3438	3443	3449	rVB	889055	1569086	29.65%	4.262%
97	23.333	3454	3459	3466	rVB	761685	1410175	26.65%	3.831%
98	23.427	3469	3475	3480	rBV2	752550	1345711	25.43%	3.655%
99	25.633	3842	3850	3861	rVB2	815717	2359023	44.57%	6.408%
100	26.309	3958	3965	3979	rVB3	302906	889420	16.81%	2.416%

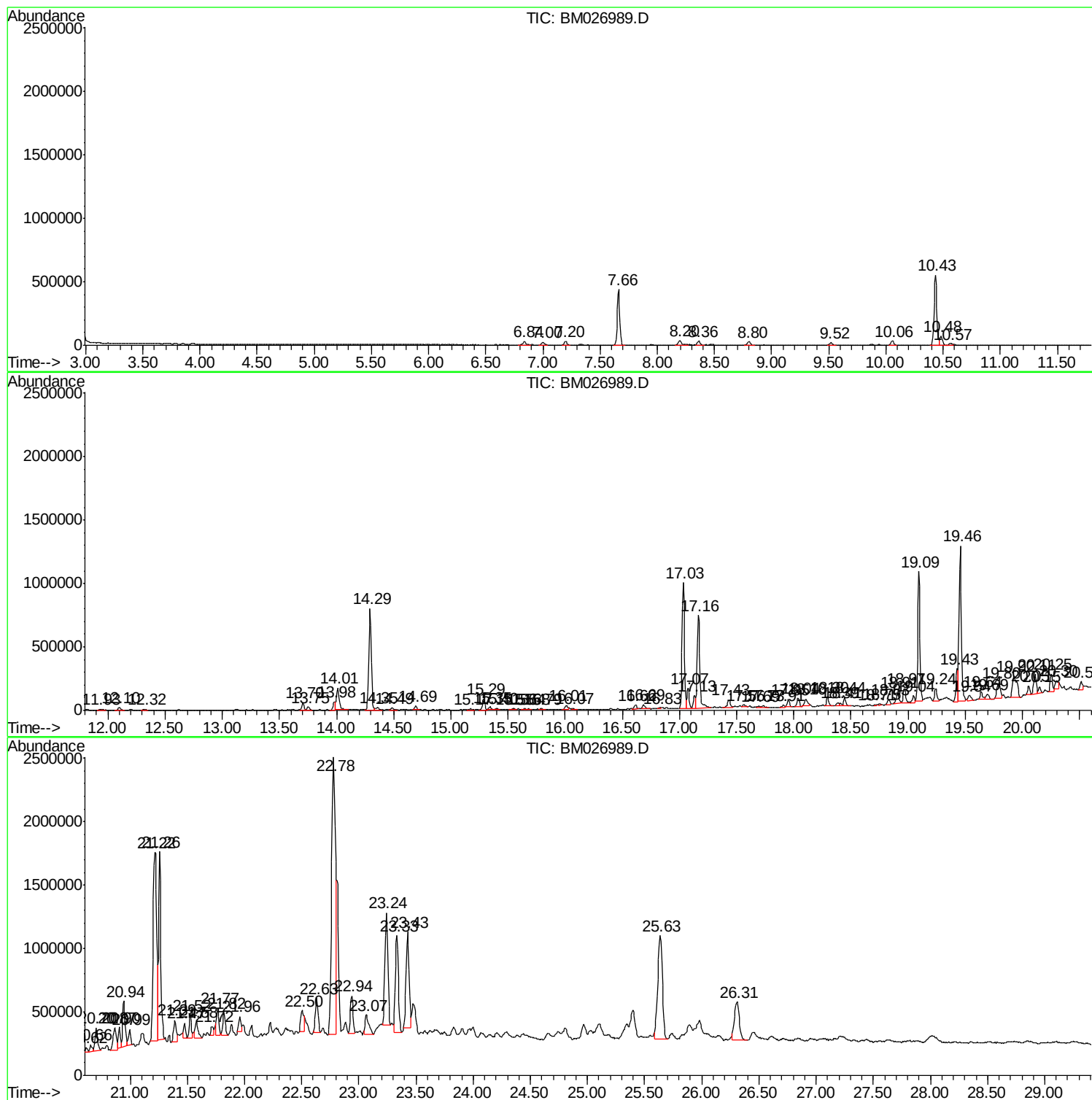
Sum of corrected areas: 36814103

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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



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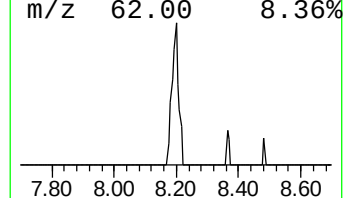
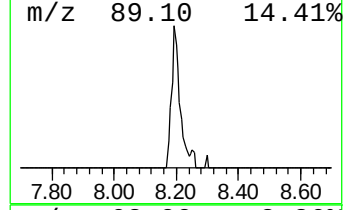
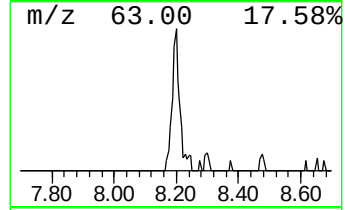
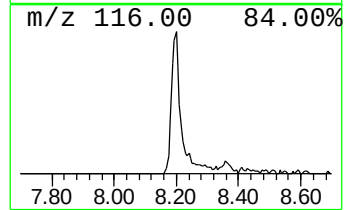
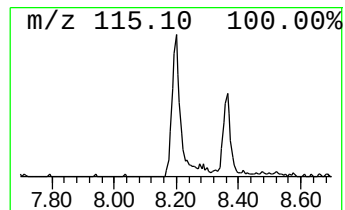
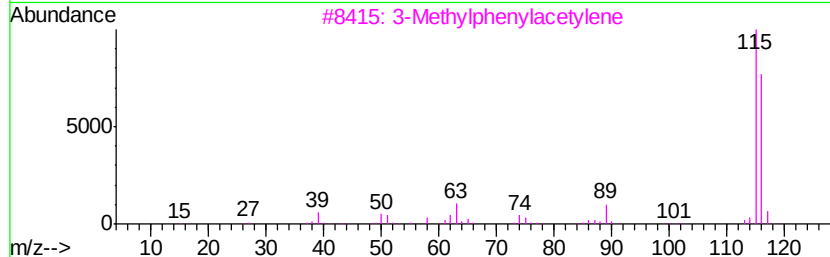
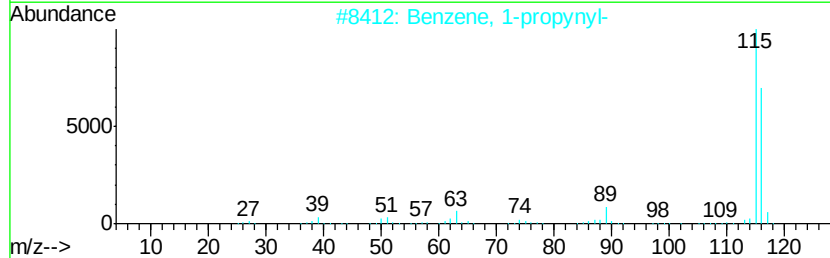
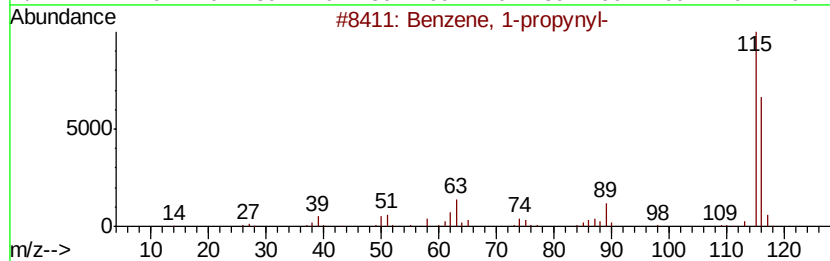
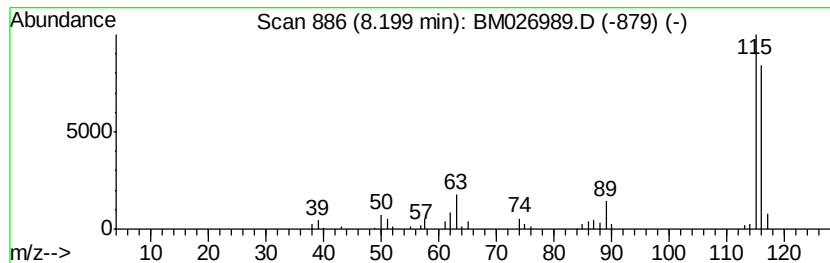
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	2.10 ng/ul	70311	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91



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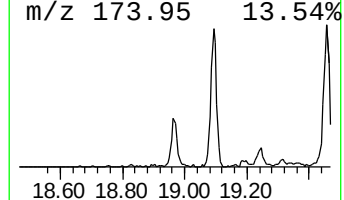
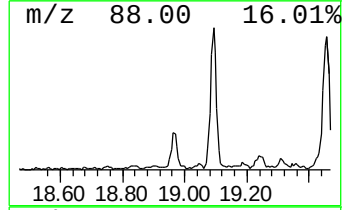
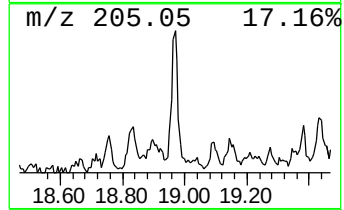
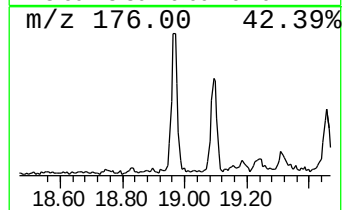
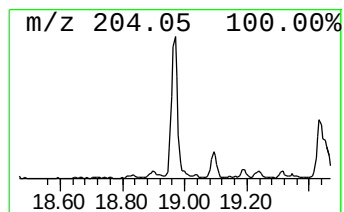
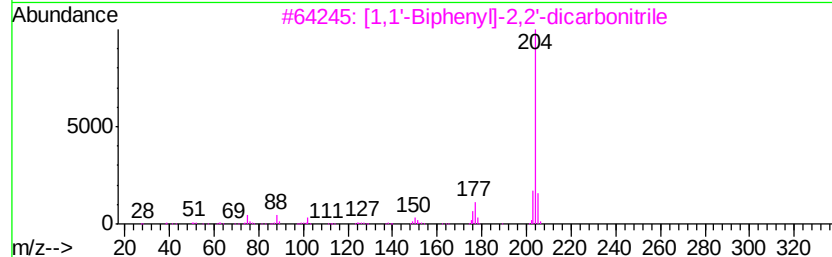
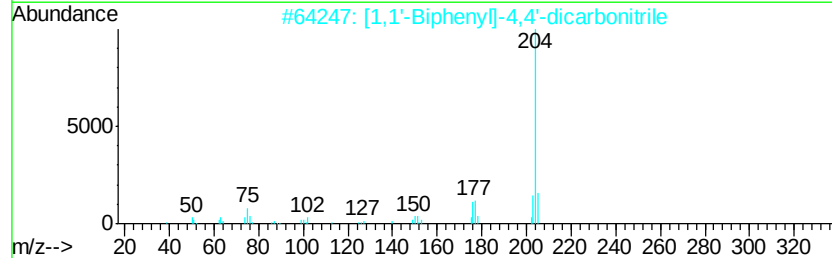
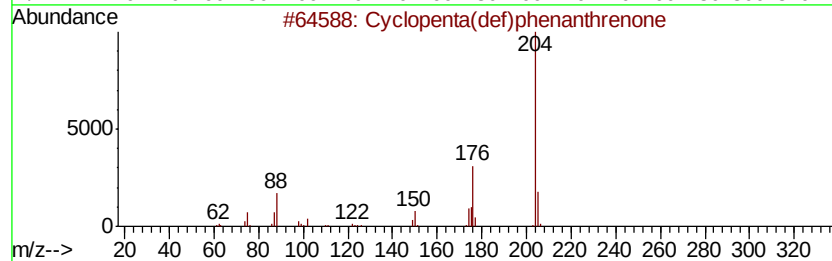
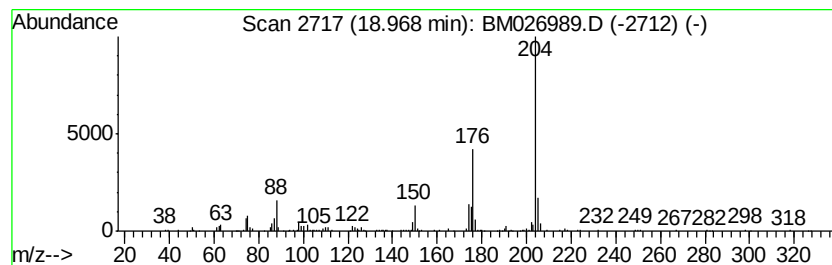
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.97	2.40 ng/ul	164589	Phenanthrene-d10		17.03		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46



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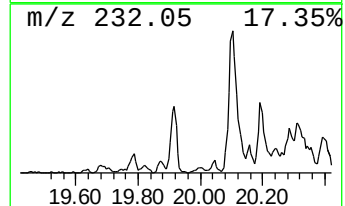
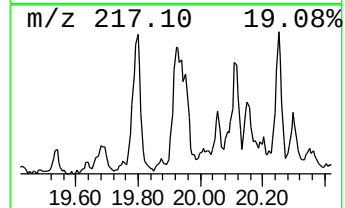
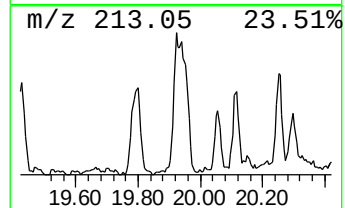
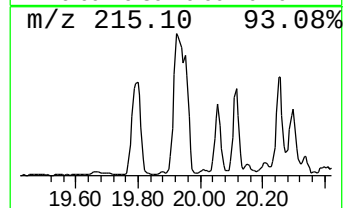
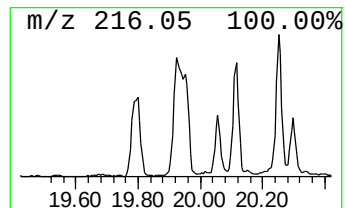
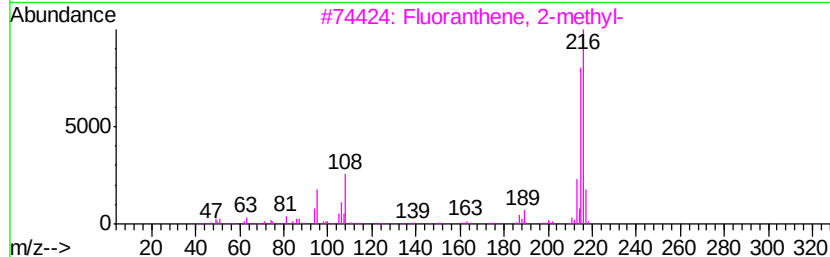
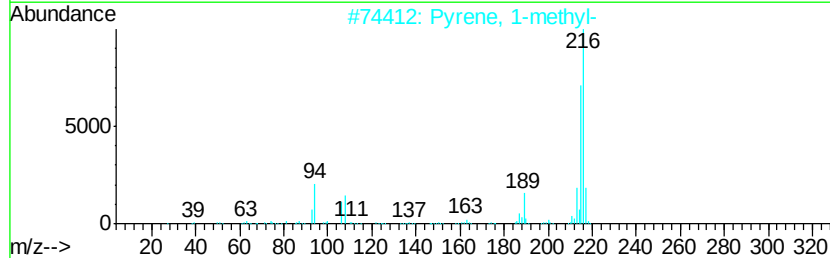
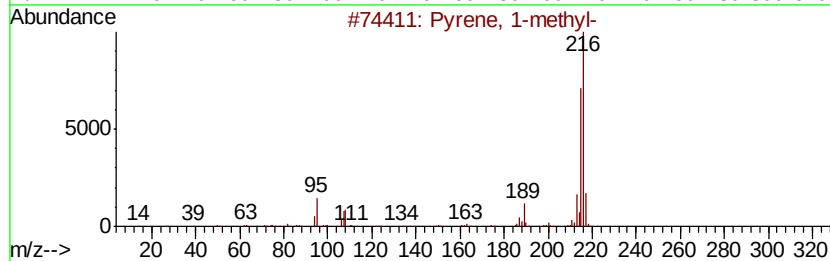
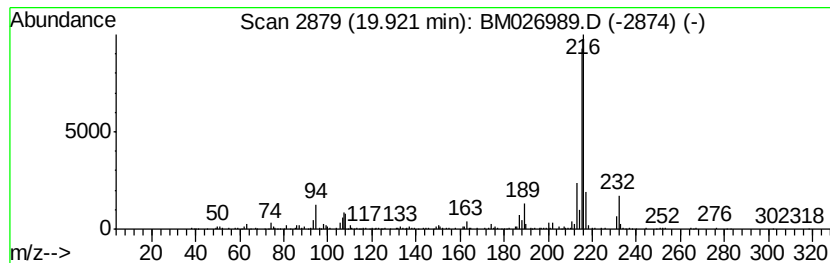
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Peak Number 3 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.92 ng/ul	464809	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216 C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216 C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216 C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216 C17H12	000243-17-4	90
5	Fluoranthene, 2-methyl-	216 C17H12	033543-31-6	90



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Acq On : 03 Aug 2020 21:40
Operator : JU/CG
Sample : L3424-03DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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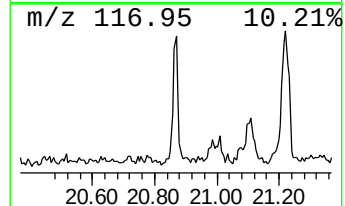
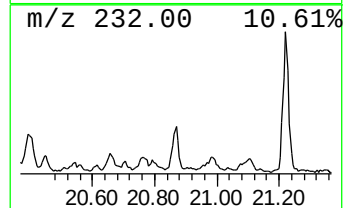
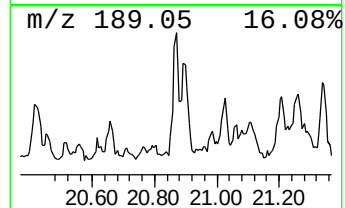
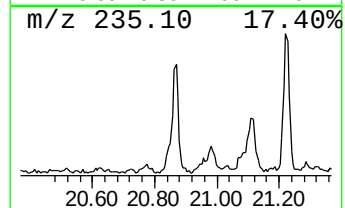
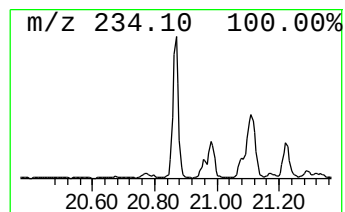
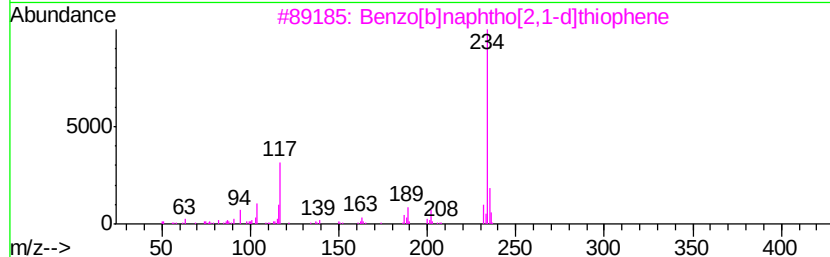
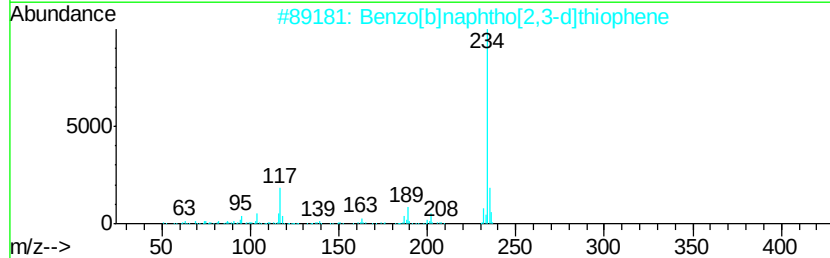
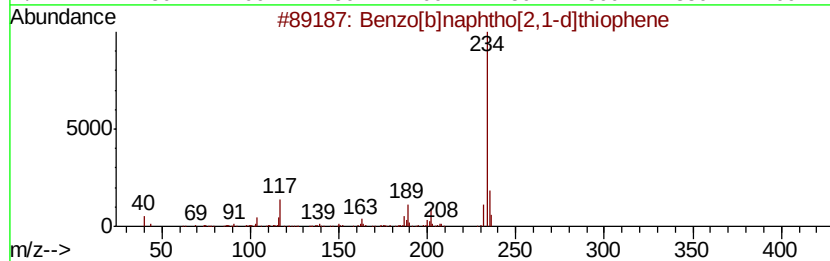
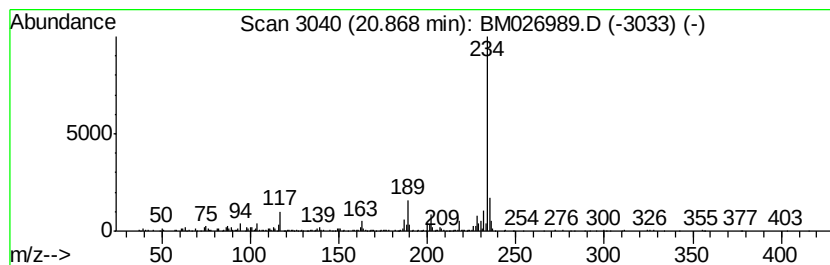
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.34 ng/ul	372338	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026989.D
Acq On : 03 Aug 2020 21:40
Operator : JU/CG
Sample : L3424-03DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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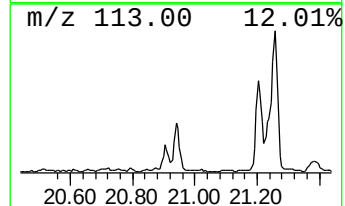
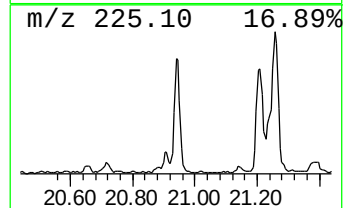
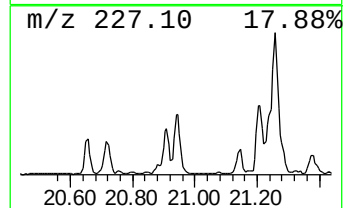
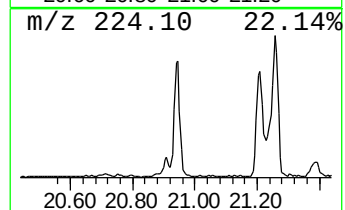
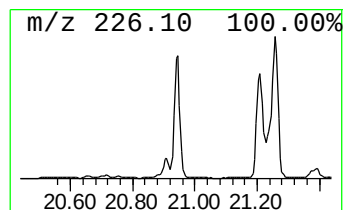
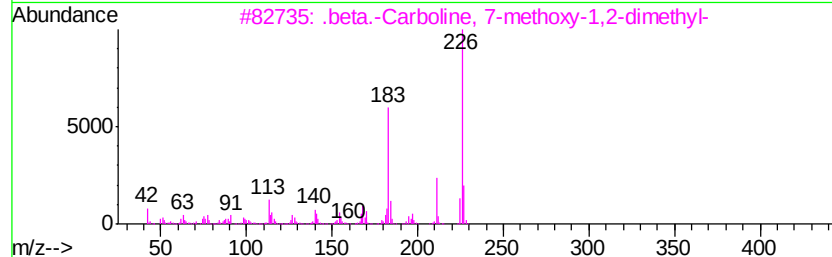
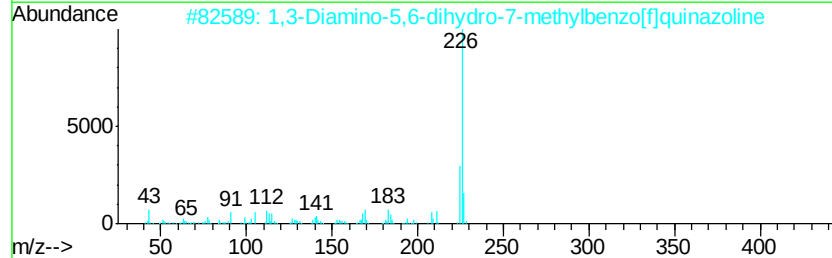
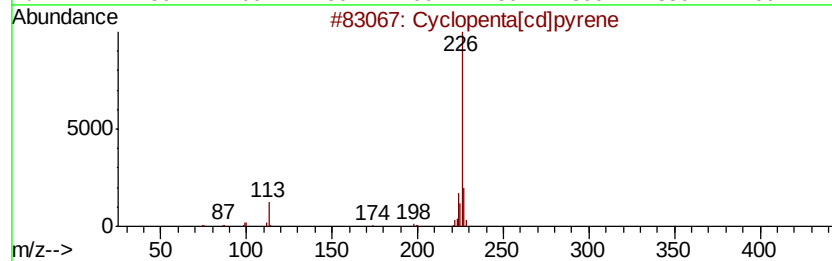
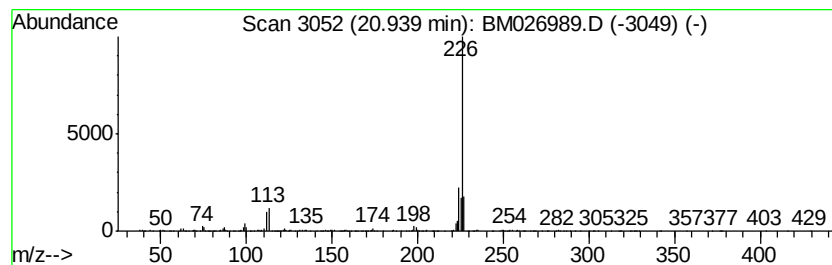
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.51 ng/ul	558782	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
3		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
4		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
5		9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
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Sample : L3424-03DL 10X
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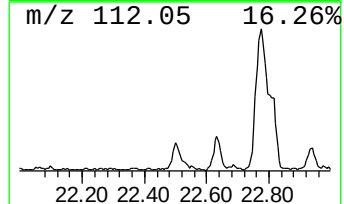
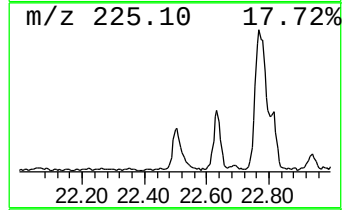
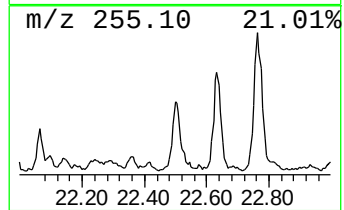
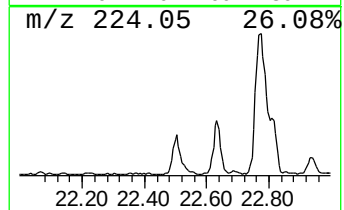
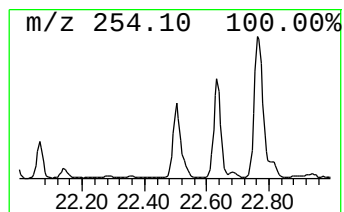
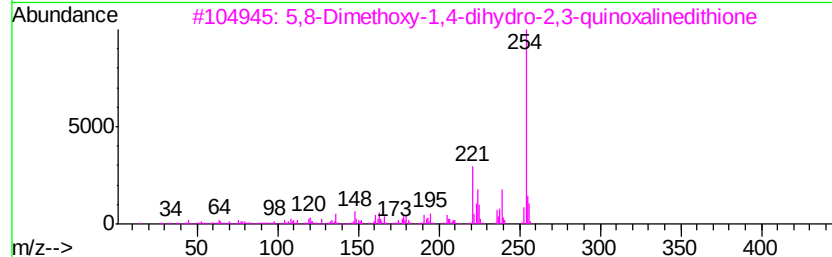
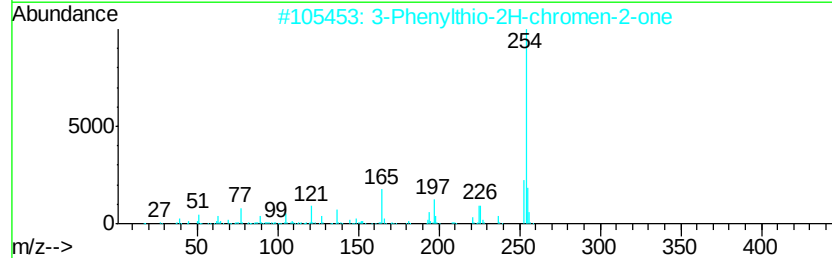
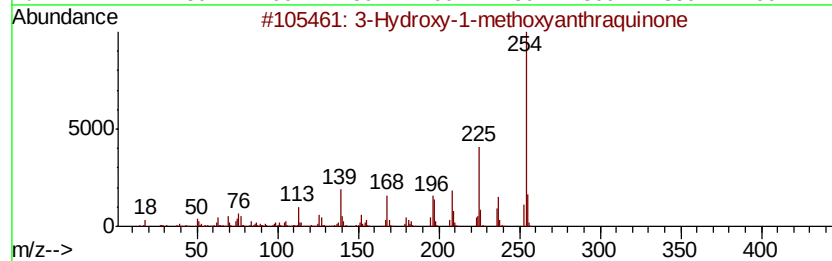
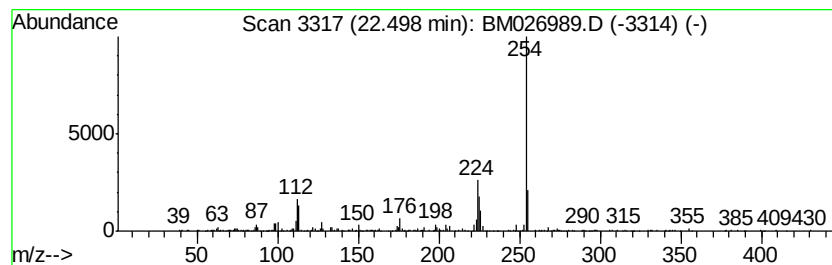
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	4.45 ng/ul	299718	Perylene-d12	23.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Hydroxy-1-methoxyanthraquinone	254 C15H10O4	028504-24-7 64
2		3-Phenylthio-2H-chromen-2-one	254 C15H10O2S	072167-95-4 52
3		5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254 C10H10N2O2S2	001790-96-1 50
4		Anthracene, 9-phenyl-	254 C20H14	000602-55-1 50
5		Anthracene, 9-phenyl-	254 C20H14	000602-55-1 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
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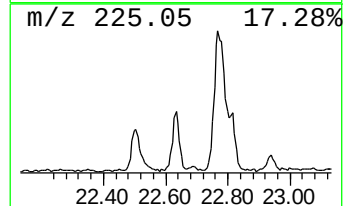
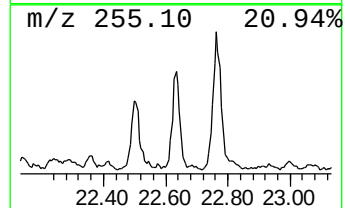
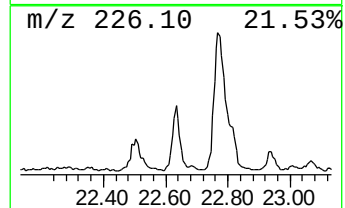
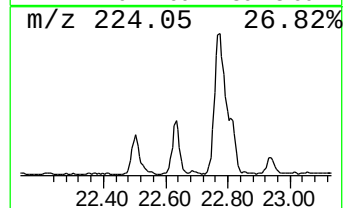
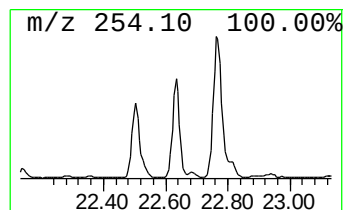
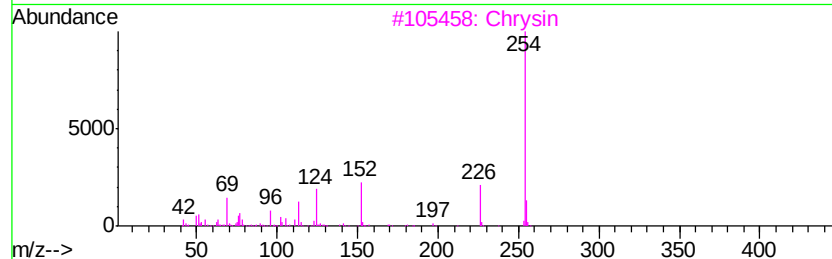
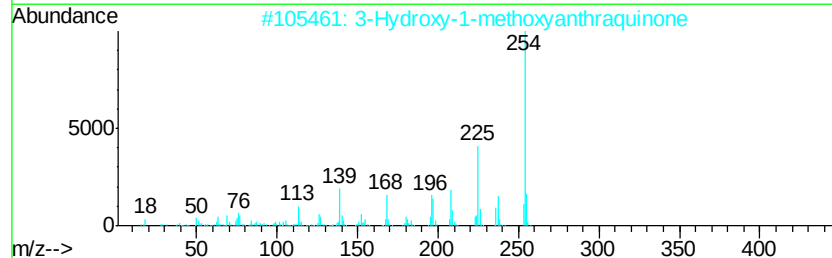
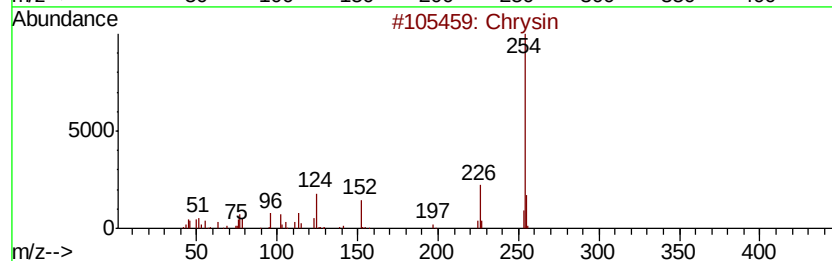
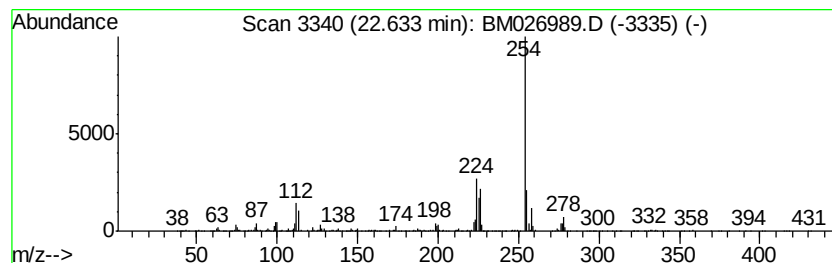
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Chrysin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	6.56 ng/ul	441108	Perylene-d12	23.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Chrysin	254 C15H10O4	000480-40-0	53
2	3-Hydroxy-1-methoxyvanthraquinone	254 C15H10O4	028504-24-7	50
3	Chrysin	254 C15H10O4	000480-40-0	47
4	Phenanthrene, 2-phenyl-	254 C20H14	004325-77-3	47
5	1,1'-Binaphthalene	254 C20H14	000604-53-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026989.D
Acq On : 03 Aug 2020 21:40
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Sample : L3424-03DL 10X
Misc :
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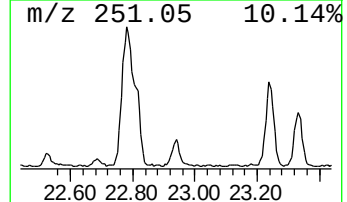
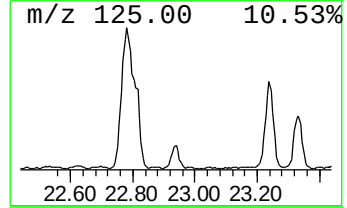
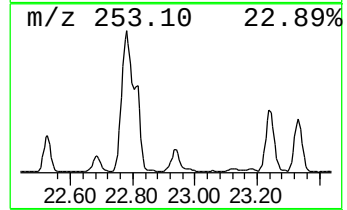
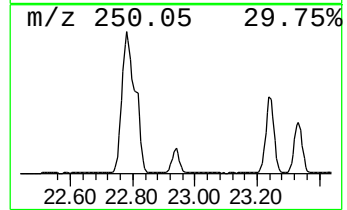
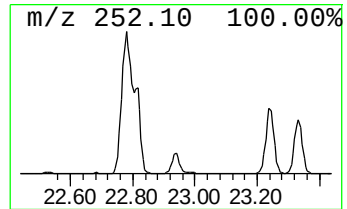
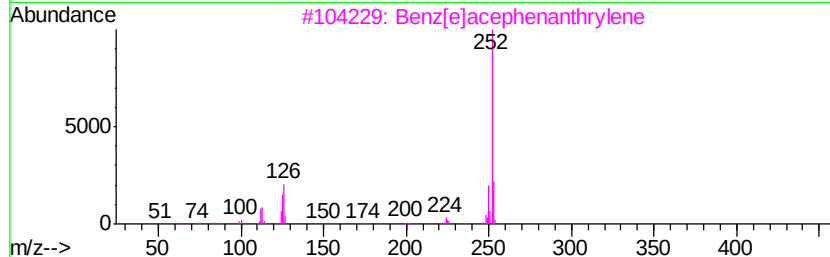
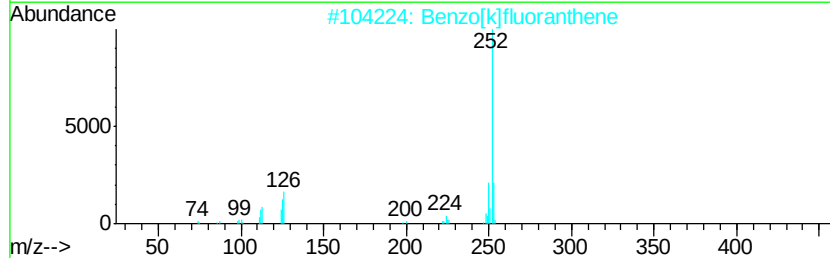
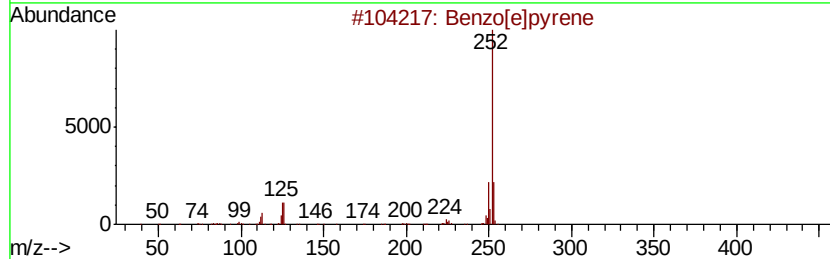
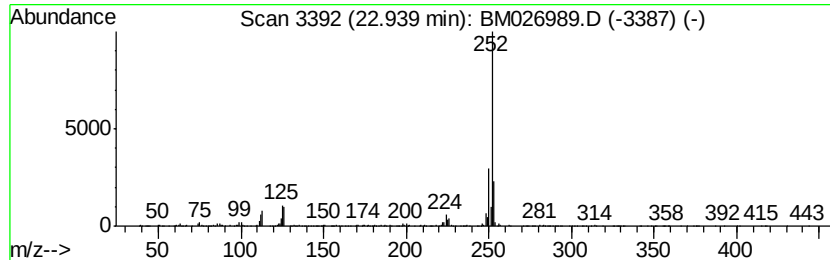
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	6.85 ng/ul	460586	Perylene-d12	23.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
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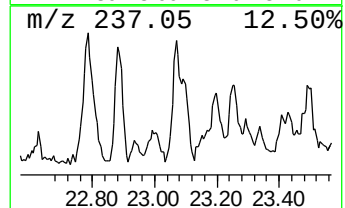
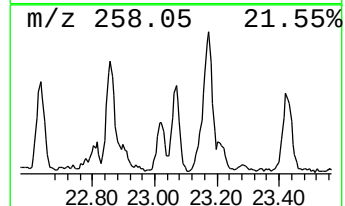
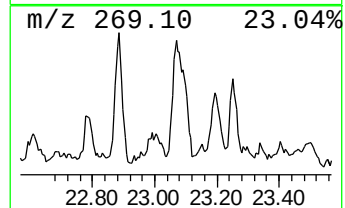
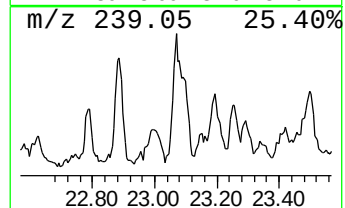
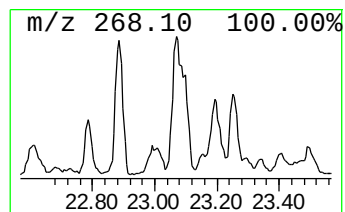
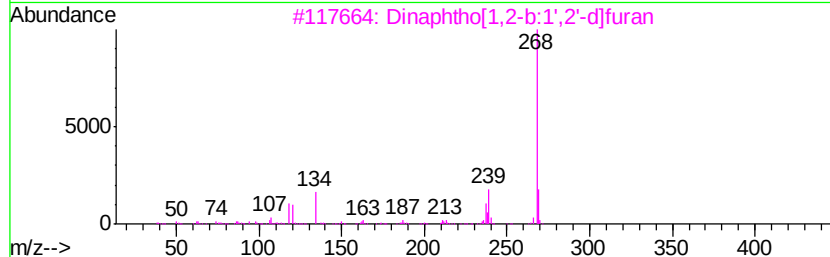
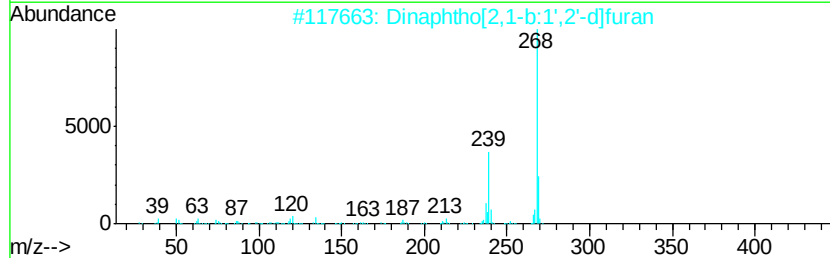
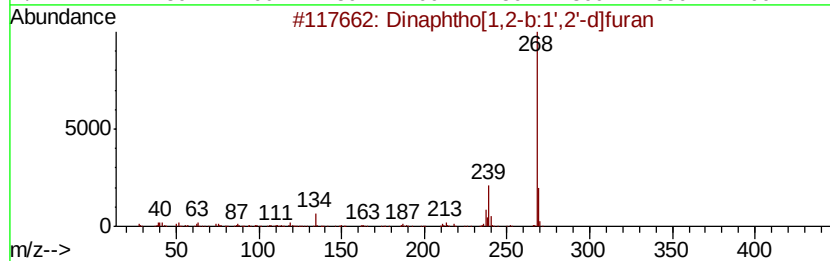
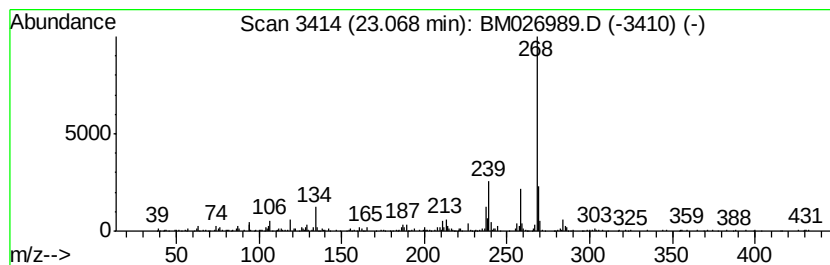
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	4.98 ng/ul	335317	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
3		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
4		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	53
5		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080320\
Data File : BM026989.D
Acq On : 03 Aug 2020 21:40
Operator : JU/CG
Sample : L3424-03DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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
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Cyclopenta(def)ph...	18.97	2.4	ng/ul	164589	4	17.03	1369490	20.0
Pyrene, 1-methyl-	19.92	2.9	ng/ul	464809	5	21.22	3182670	20.0
Benzo[b]naphtho[2...	20.87	2.3	ng/ul	372338	5	21.22	3182670	20.0
Cyclopenta[cd]pyrene	20.94	3.5	ng/ul	558782	5	21.22	3182670	20.0
3-Hydroxy-1-metho...	22.50	4.5	ng/ul	299718	6	23.43	1345710	20.0
Chrysin	22.63	6.6	ng/ul	441108	6	23.43	1345710	20.0
Benzo[e]pyrene	22.94	6.8	ng/ul	460586	6	23.43	1345710	20.0
Dinaphtho[1,2-b:1...	23.07	5.0	ng/ul	335317	6	23.43	1345710	20.0