

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
 Data File : BP002047.D
 Acq On : 04 Mar 2020 12:53
 Operator : CG/JU
 Sample : L1616-14DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBDQ8DL

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_P\METHODS\SOM-EPA-BP022720MA.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	2.917	3	5	20	rVB	835027	1166571	7.52%	0.877%
2	3.164	44	47	57	rVB	29536	47452	0.31%	0.036%
3	4.787	319	323	333	rVB	27761	44249	0.29%	0.033%
4	6.816	659	668	679	rBV	546377	902138	5.82%	0.678%
5	6.975	689	695	705	rBV	457190	732607	4.72%	0.551%
6	7.175	720	729	741	rBV	619838	975312	6.29%	0.733%
7	7.640	800	808	818	rBV	946760	1494468	9.64%	1.123%
8	8.175	890	899	911	rBV	97323	186673	1.20%	0.140%
9	8.346	921	928	937	rBV	654540	1076556	6.94%	0.809%
10	8.781	992	1002	1015	rBV	496157	817920	5.27%	0.615%
11	9.499	1116	1124	1133	rBV	381398	630415	4.07%	0.474%
12	10.034	1208	1215	1232	rBV	710052	1258643	8.12%	0.946%
13	10.410	1271	1279	1295	rBV	1316186	2177176	14.04%	1.636%
14	10.546	1295	1302	1321	rBV	345472	688495	4.44%	0.517%
15	11.916	1527	1535	1546	rBV	35800	85506	0.55%	0.064%
16	13.022	1717	1723	1732	rBV4	23069	40343	0.26%	0.030%
17	13.687	1830	1836	1841	rBV	1244326	1744892	11.25%	1.311%
18	13.734	1841	1844	1850	rVV	112537	162630	1.05%	0.122%
19	13.963	1876	1883	1902	rBV2	1537942	2596651	16.74%	1.951%
20	14.275	1929	1936	1943	rBV	2021966	2884611	18.60%	2.168%
21	14.475	1964	1970	1982	rBV	260936	505143	3.26%	0.380%
22	14.681	2001	2005	2017	rVB	19696	50993	0.33%	0.038%
23	15.269	2099	2105	2112	rBV	2011088	2930894	18.90%	2.203%
24	15.328	2112	2115	2121	rVV	40124	61619	0.40%	0.046%
25	15.392	2121	2126	2134	rVV	286325	406752	2.62%	0.306%
26	15.998	2223	2229	2237	rBV	58424	108027	0.70%	0.081%
27	16.610	2328	2333	2337	rVB	35431	50705	0.33%	0.038%
28	16.681	2341	2345	2354	rVB	47210	85931	0.55%	0.065%
29	16.945	2385	2390	2396	rBV	70830	102718	0.66%	0.077%
30	17.028	2398	2404	2408	rBV	2405934	3361743	21.68%	2.526%
31	17.069	2408	2411	2415	rVV	229201	311069	2.01%	0.234%
32	17.122	2415	2420	2424	rVV	2101403	3172547	20.46%	2.384%
33	17.157	2424	2426	2433	rVV	1116924	1393689	8.99%	1.047%
34	17.222	2433	2437	2448	rVB	61017	109889	0.71%	0.083%

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35	17.428	2463	2472	2485	rBV	367221	723896	4.67%	0.544%
36	17.945	2556	2560	2568	rBV2	223585	347815	2.24%	0.261%
37	18.028	2569	2574	2579	rVV	108653	167685	1.08%	0.126%
38	18.092	2579	2585	2596	rVB3	181177	374584	2.42%	0.282%
39	18.192	2599	2602	2607	rBV4	32611	69734	0.45%	0.052%
40	18.239	2607	2610	2613	rVV5	42624	70208	0.45%	0.053%
41	18.275	2613	2616	2621	rVB	89755	134349	0.87%	0.101%
42	18.369	2627	2632	2637	rBV3	171133	258587	1.67%	0.194%
43	18.422	2637	2641	2648	rVB	344292	453086	2.92%	0.341%
44	18.510	2654	2656	2663	rVB5	36047	42857	0.28%	0.032%
45	18.716	2688	2691	2695	rVB	47402	57308	0.37%	0.043%
46	18.792	2700	2704	2710	rBV3	109606	189034	1.22%	0.142%
47	18.857	2712	2715	2718	rVV3	60034	79946	0.52%	0.060%
48	18.922	2722	2726	2735	rVV	338190	515674	3.33%	0.388%
49	19.045	2742	2747	2754	rVB	3287609	4340330	27.99%	3.262%
50	19.139	2760	2763	2767	rVB	106493	138083	0.89%	0.104%
51	19.192	2768	2772	2776	rVB2	197704	268456	1.73%	0.202%
52	19.263	2780	2784	2786	rBV	118341	150459	0.97%	0.113%
53	19.369	2797	2802	2804	rBV2	3157446	4154105	26.79%	3.122%
54	19.398	2804	2807	2816	rVV	4471847	6155605	39.69%	4.626%
55	19.474	2816	2820	2827	rVB4	111239	200048	1.29%	0.150%
56	19.574	2834	2837	2841	rBV	181874	259394	1.67%	0.195%
57	19.633	2842	2847	2853	rVB	959932	1307934	8.43%	0.983%
58	19.722	2857	2862	2867	rBV3	347529	732029	4.72%	0.550%
59	19.769	2867	2870	2874	rVB	131419	175415	1.13%	0.132%
60	19.851	2880	2884	2885	rBV2	433131	499998	3.22%	0.376%
61	19.927	2894	2897	2901	rBV	272713	342360	2.21%	0.257%
62	19.980	2902	2906	2910	rVV	340044	447138	2.88%	0.336%
63	20.033	2910	2915	2919	rVV2	558648	953557	6.15%	0.717%
64	20.074	2920	2922	2926	rVB2	177930	211523	1.36%	0.159%
65	20.174	2935	2939	2943	rBV	396596	516172	3.33%	0.388%
66	20.221	2943	2947	2951	rVV2	246723	395814	2.55%	0.297%
67	20.427	2979	2982	2986	rBV5	130795	234814	1.51%	0.176%
68	20.616	3010	3014	3020	rVB2	518679	782262	5.04%	0.588%
69	20.774	3036	3041	3045	rBV2	549627	963510	6.21%	0.724%
70	20.816	3045	3048	3051	rVV2	647257	805959	5.20%	0.606%
71	20.851	3051	3054	3059	rVV2	1030710	1767029	11.39%	1.328%

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72	20.904	3060	3063	3071	rVB2	424600	624240	4.03%	0.469%
73	21.116	3094	3099	3104	rBV2	3537495	8190709	52.82%	6.155%
74	21.157	3104	3106	3114	rVB	3132785	4057946	26.17%	3.050%
75	21.239	3118	3120	3123	rBV3	144874	160887	1.04%	0.121%
76	21.274	3123	3126	3135	rBV2	442718	908528	5.86%	0.683%
77	21.421	3148	3151	3157	rBV2	516613	748053	4.82%	0.562%
78	21.480	3158	3161	3168	rVB3	226282	375733	2.42%	0.282%
79	21.663	3190	3192	3196	rVB	450938	553847	3.57%	0.416%
80	21.721	3198	3202	3209	rVV3	633358	983222	6.34%	0.739%
81	21.857	3221	3225	3229	rBV2	503272	773755	4.99%	0.581%
82	21.963	3239	3243	3247	rVB2	246813	395444	2.55%	0.297%
83	22.127	3268	3271	3275	rBV	285434	405790	2.62%	0.305%
84	22.316	3300	3303	3307	rVB	504907	649074	4.19%	0.488%
85	22.427	3314	3322	3332	rVB3	425019	1378744	8.89%	1.036%
86	22.533	3335	3340	3345	rVB2	512518	848569	5.47%	0.638%
87	22.674	3357	3364	3380	rBV	5155427	15508046	100.00%	11.655%
88	22.839	3388	3392	3403	rVB	690058	1098830	7.09%	0.826%
89	22.968	3410	3414	3422	rBV	327415	726193	4.68%	0.546%
90	23.145	3438	3444	3448	rBV	2601109	4842828	31.23%	3.639%
91	23.192	3448	3452	3456	rVV	1798210	3251881	20.97%	2.444%
92	23.239	3456	3460	3468	rVV	2043894	3941178	25.41%	2.962%
93	23.333	3469	3476	3481	rVV	2035626	3996086	25.77%	3.003%
94	23.380	3481	3484	3493	rVB2	752173	1473597	9.50%	1.107%
95	23.915	3571	3575	3582	rVB	335280	605886	3.91%	0.455%
96	25.321	3809	3814	3824	rVB4	499073	1231081	7.94%	0.925%
97	25.562	3845	3855	3869	rVB3	1970844	7664103	49.42%	5.760%
98	25.868	3901	3907	3922	rVB3	718529	2190374	14.12%	1.646%
99	26.239	3961	3970	3988	rVB	1001417	3181603	20.52%	2.391%
100	26.398	3992	3997	4014	rVB	171864	646355	4.17%	0.486%

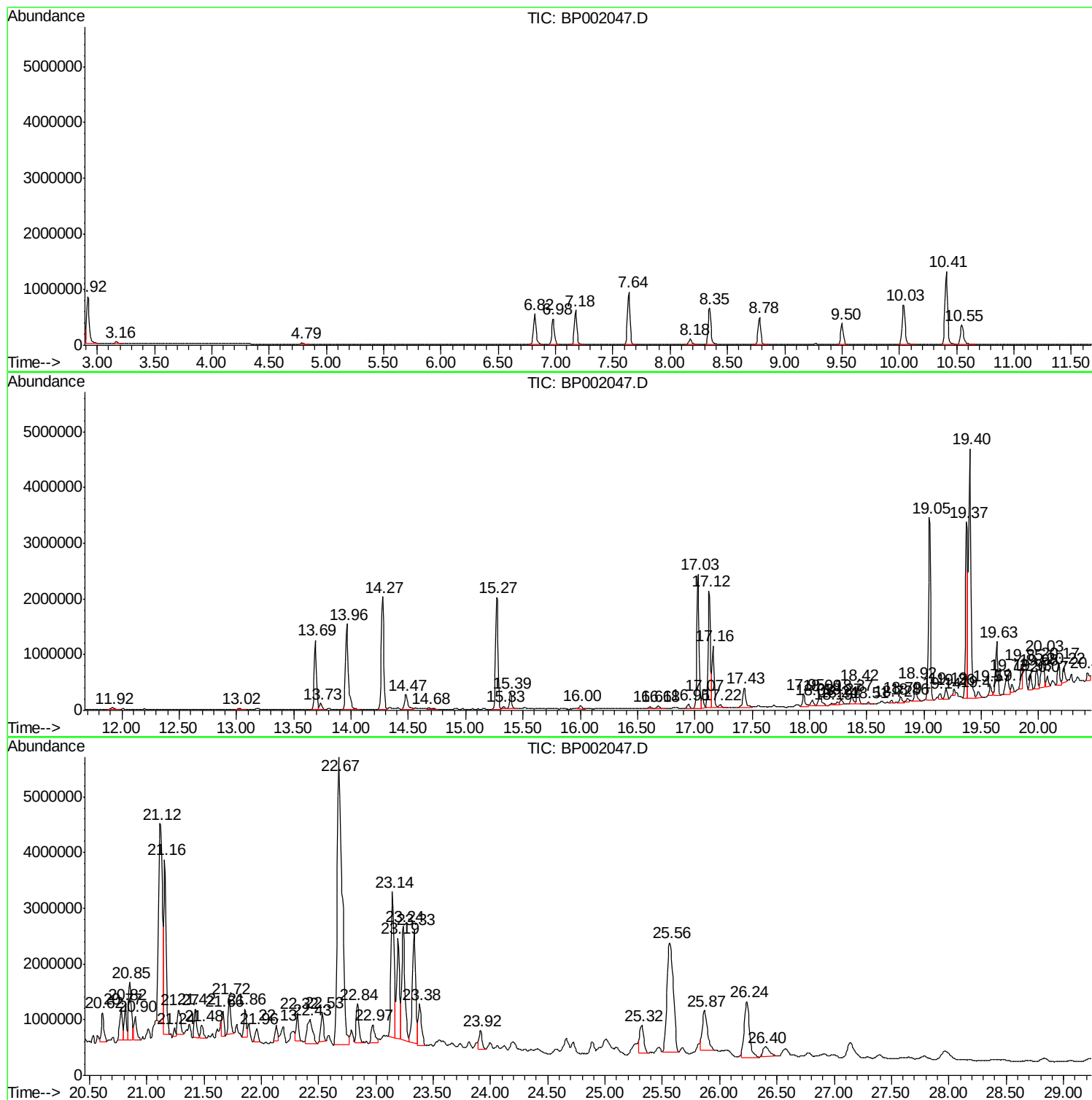
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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



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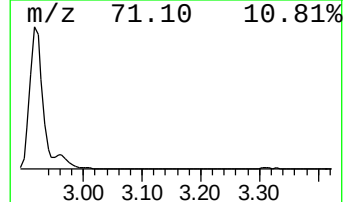
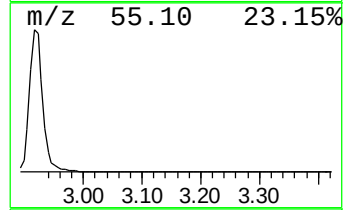
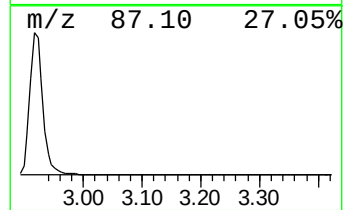
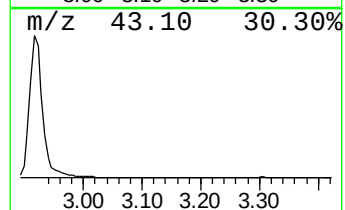
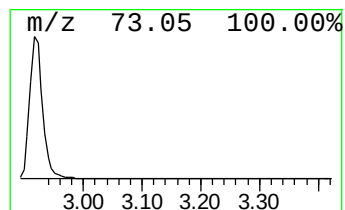
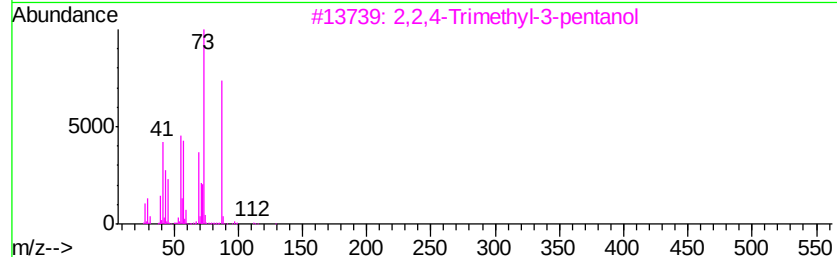
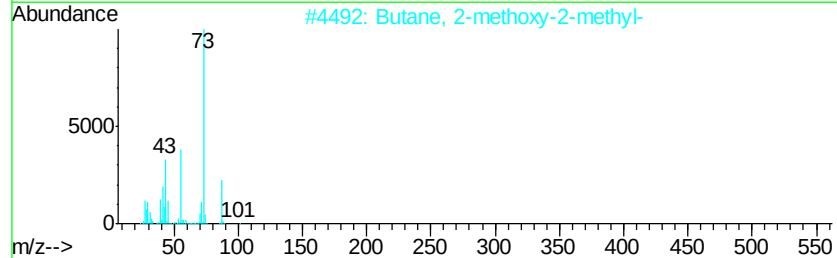
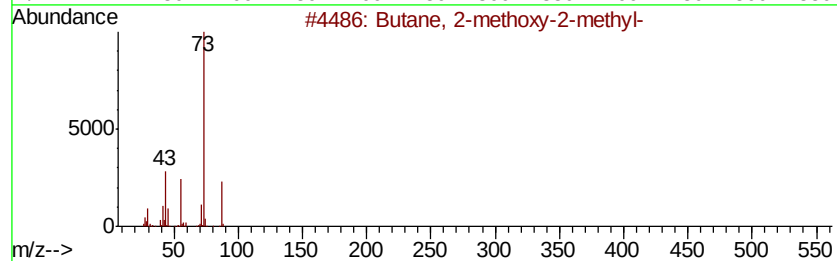
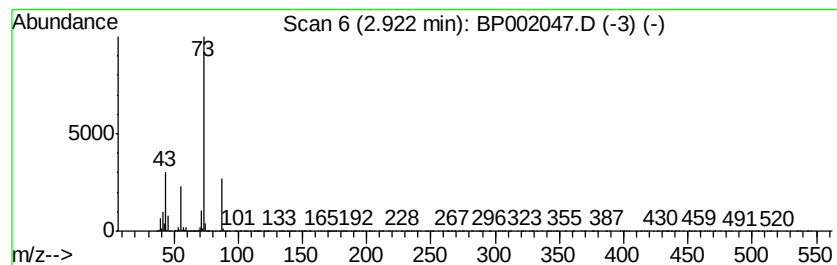
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	15.61 ng/ul	1166570	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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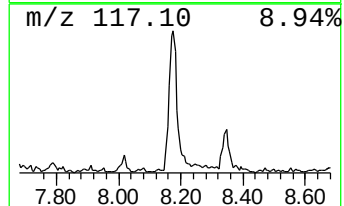
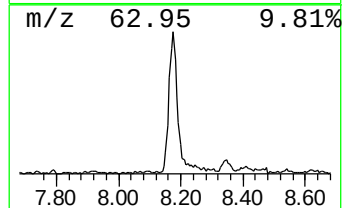
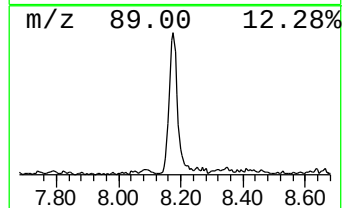
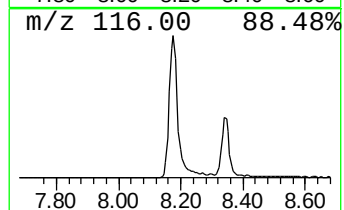
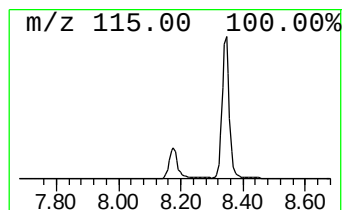
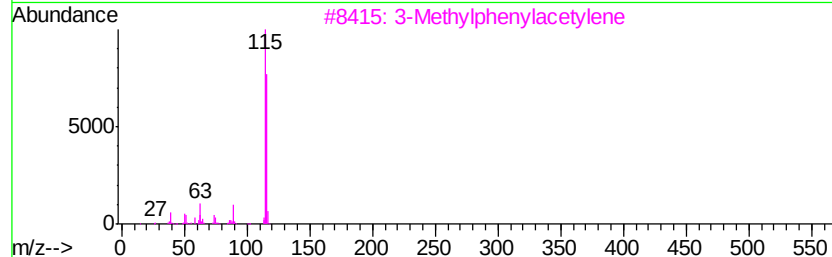
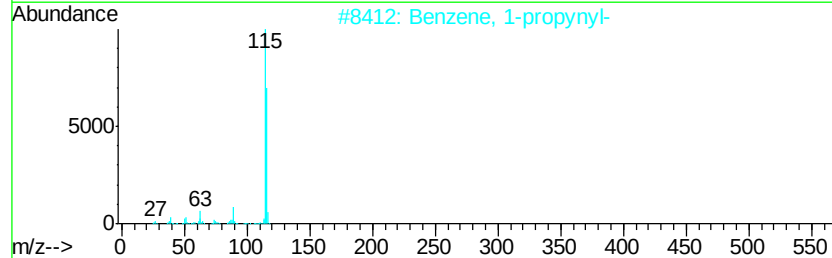
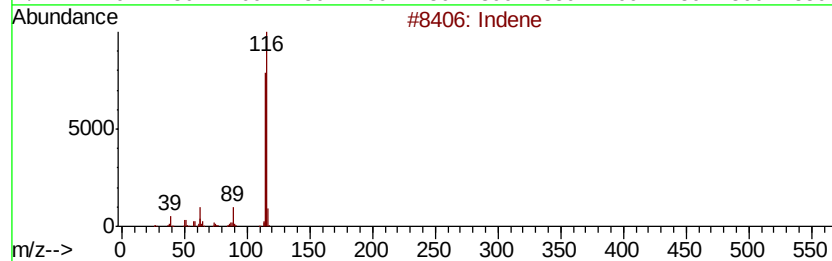
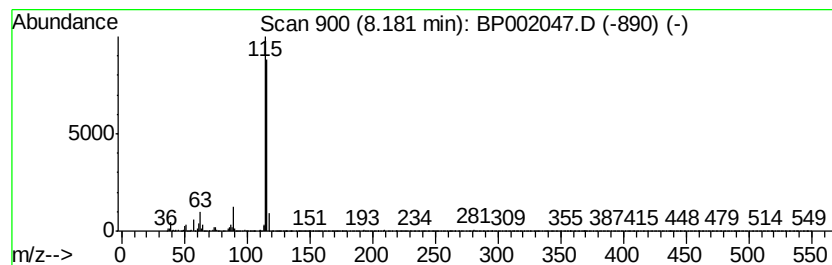
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Indene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	2.50 ng/ul	186673	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91



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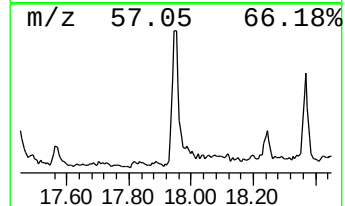
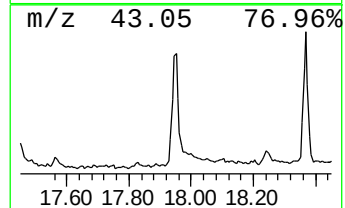
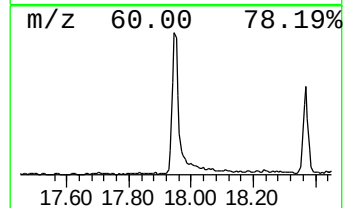
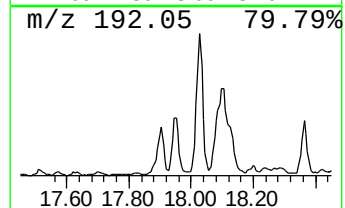
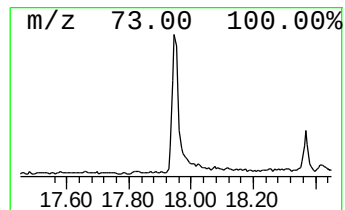
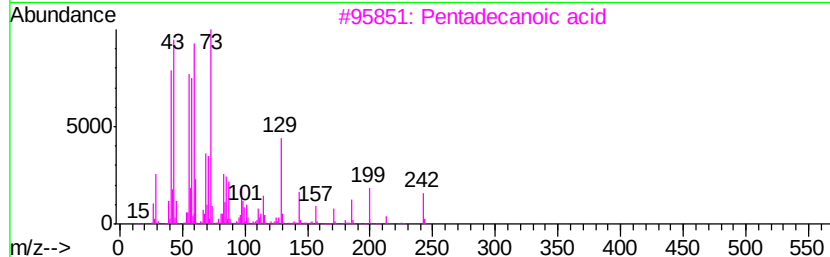
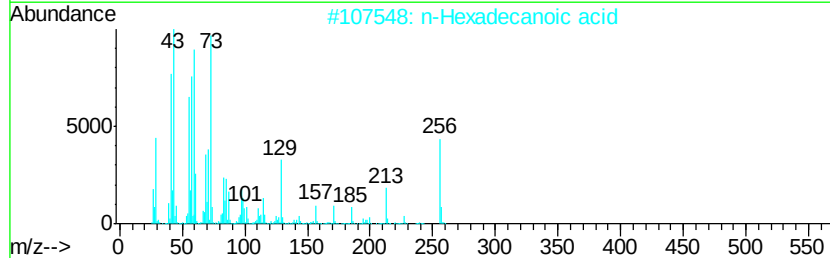
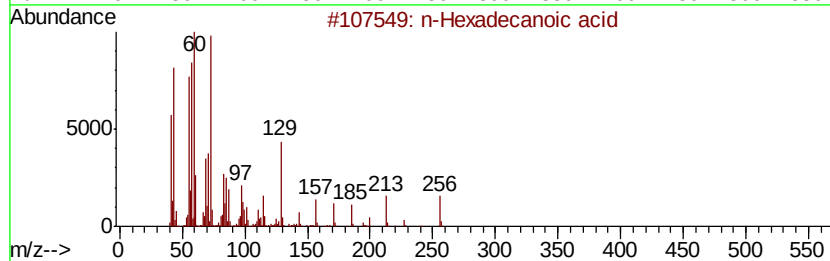
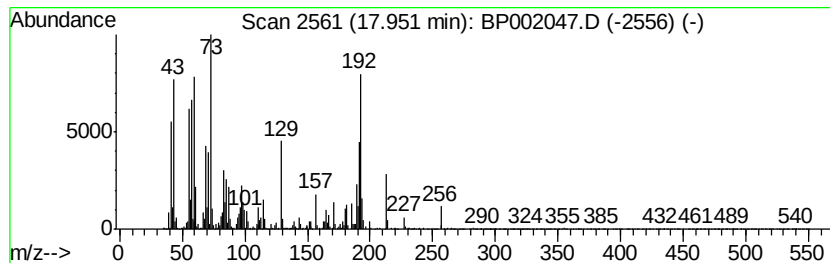
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.07 ng/ul	347815	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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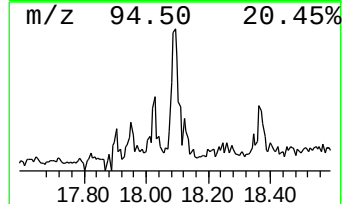
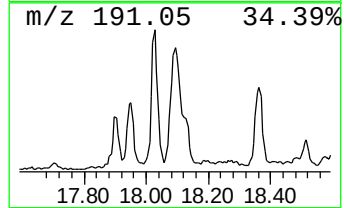
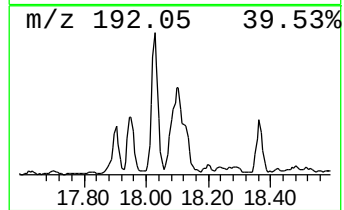
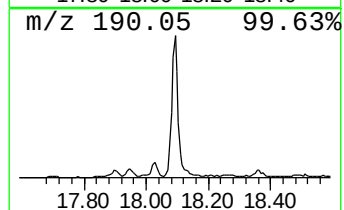
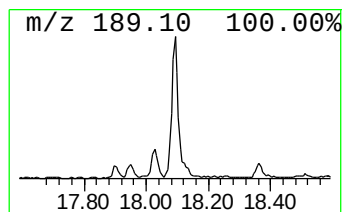
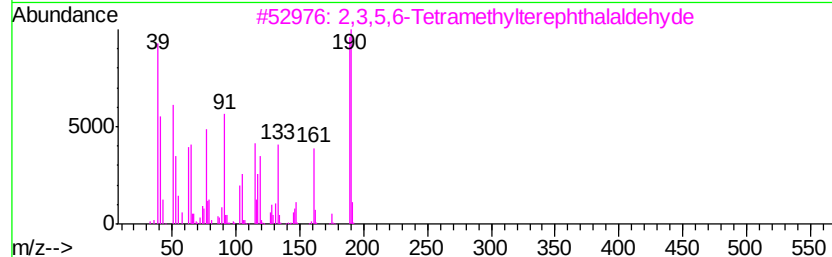
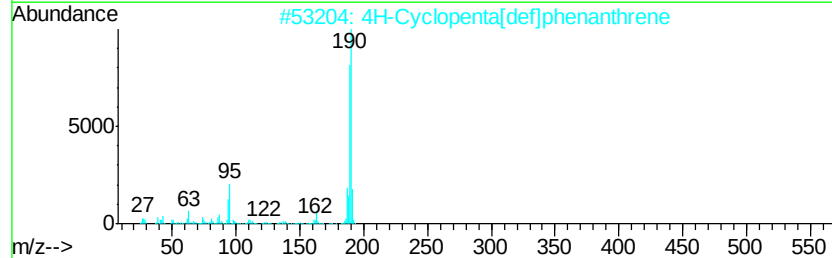
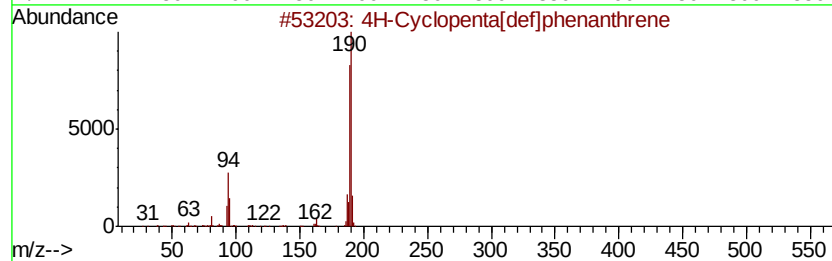
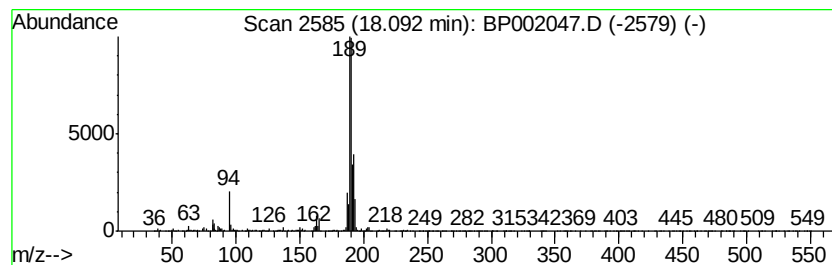
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.23 ng/ul	374584	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5		Methyl diselenide	190	C2H6Se2	007101-31-7	45



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Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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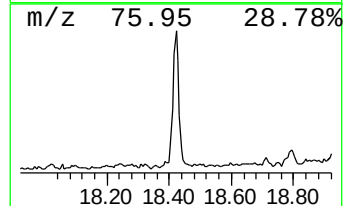
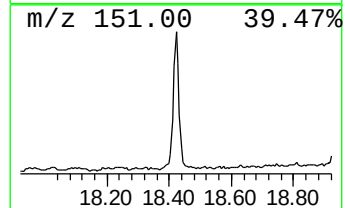
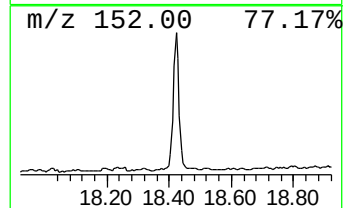
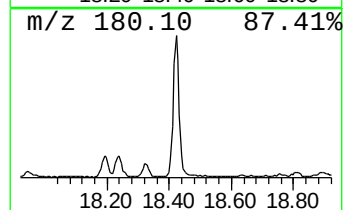
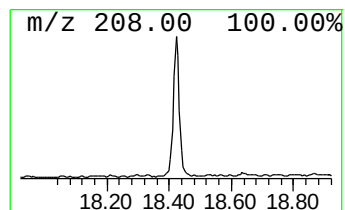
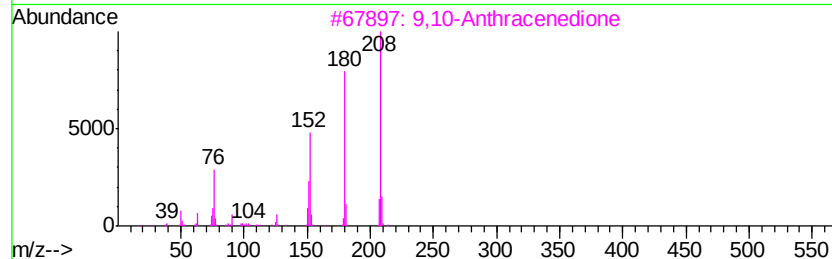
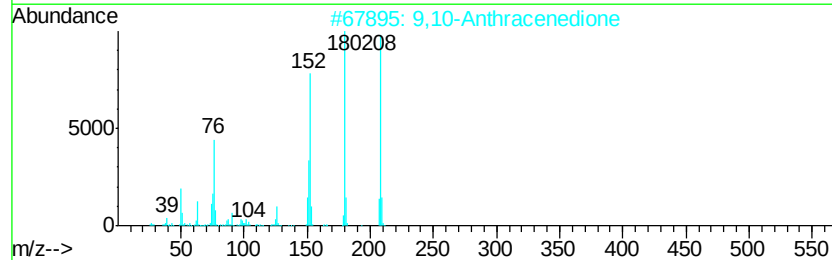
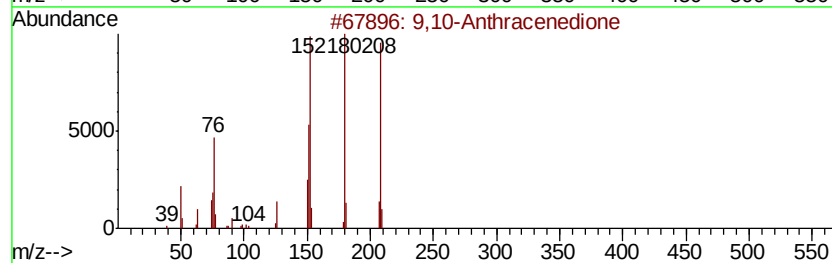
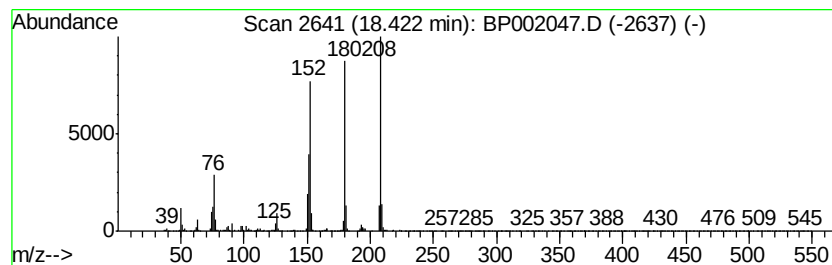
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.70 ng/ul	453086	Phenanthrene-d10	17.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione		208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione		208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	70
5	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

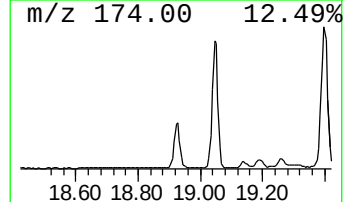
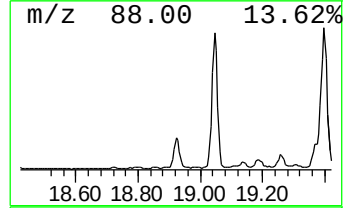
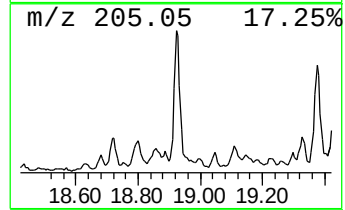
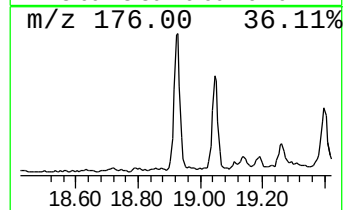
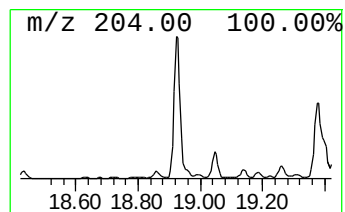
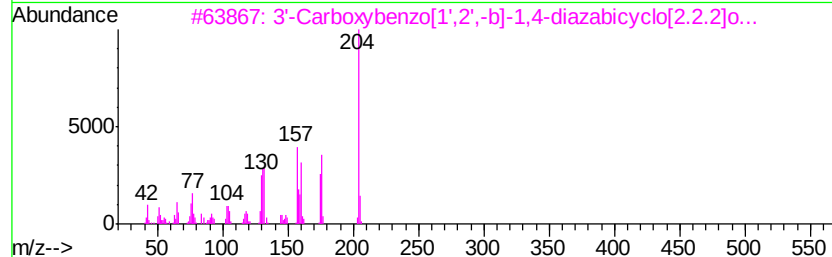
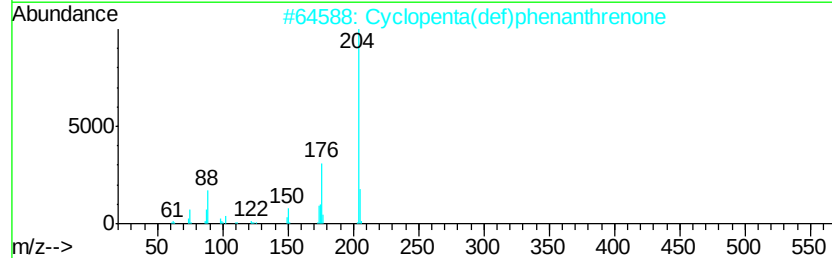
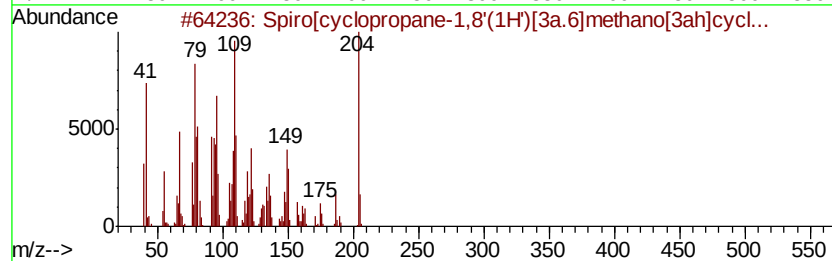
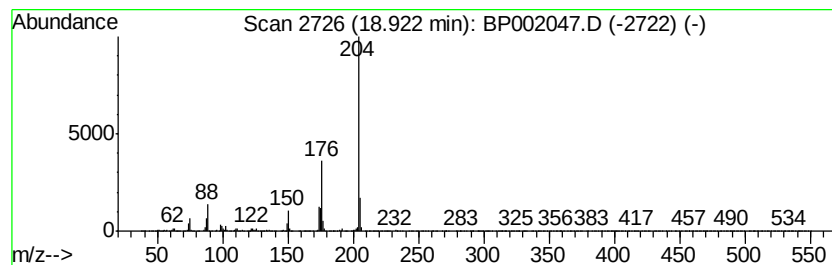
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Spiro[cyclopropane-1,8'(1H')... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.92	3.07 ng/ul	515674	Phenanthrene-d10	17.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[cyclopropane-1,8'-(1H')][3a...	204	C14H200	452049-62-6	95
2	Cyclopenta(def)phenanthrenone	204	C15H80	005737-13-3	93
3	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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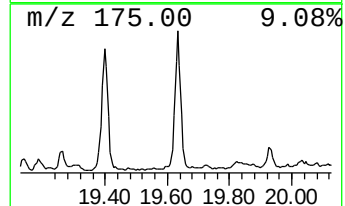
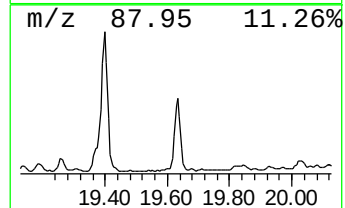
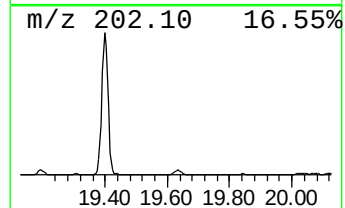
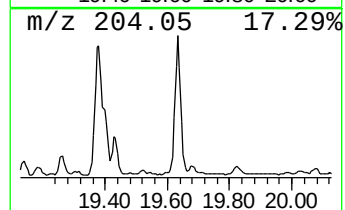
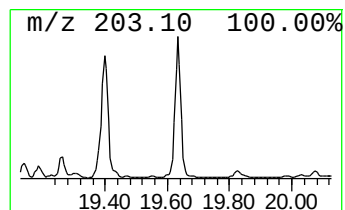
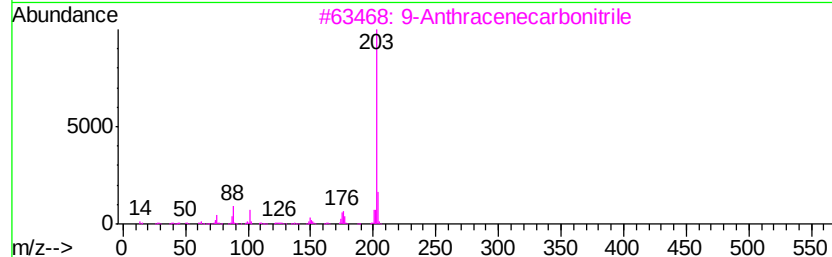
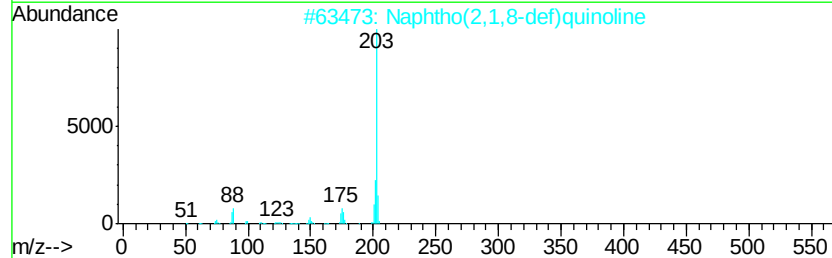
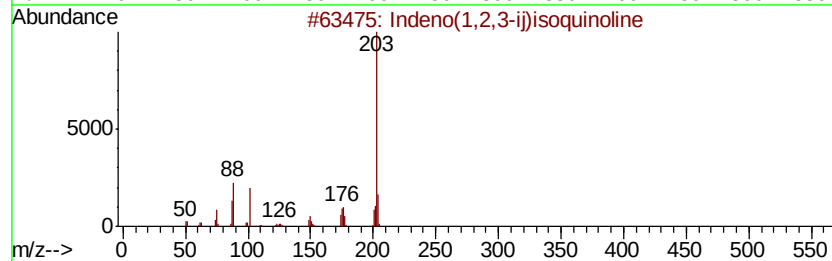
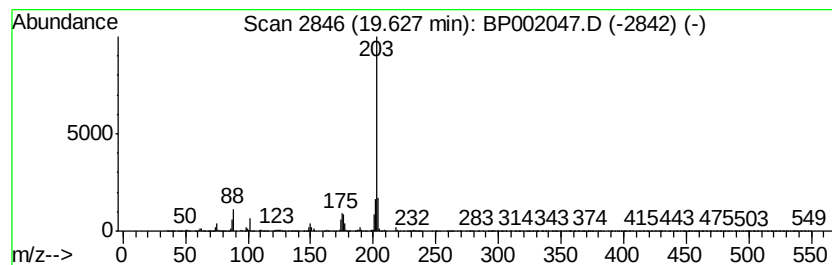
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Indeno(1,2,3-ij)isoquinoline Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	3.19 ng/ul	1307930	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno(1,2,3-ii)isoquinoline	203	C15H9N	000206-56-4	97
2		Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	97
3		9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
4		Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
5		9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
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Sample : L1616-14DL 2X
Misc :
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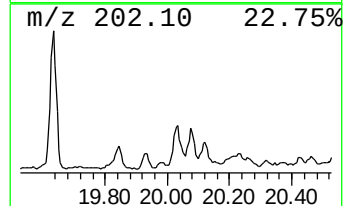
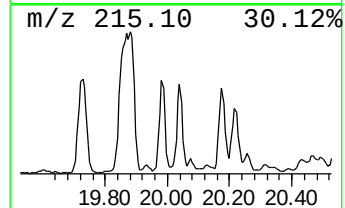
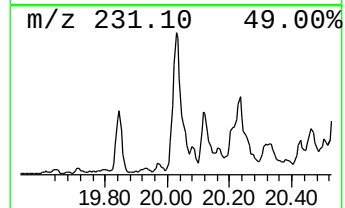
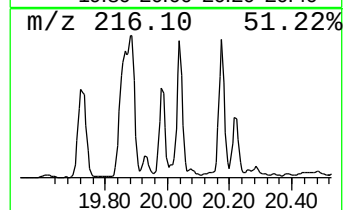
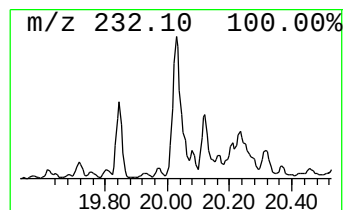
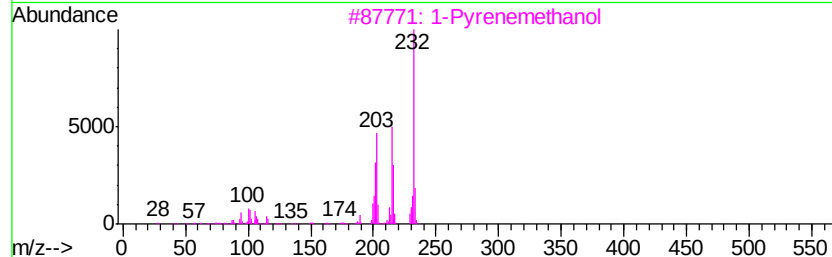
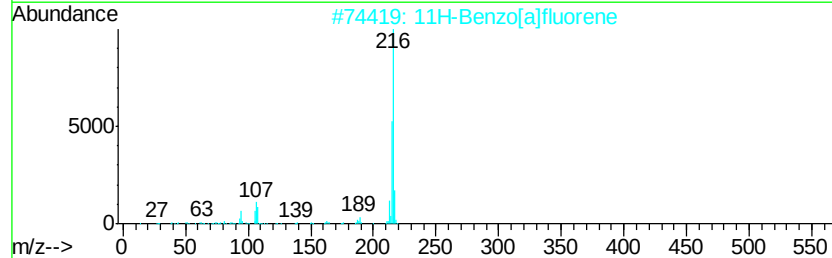
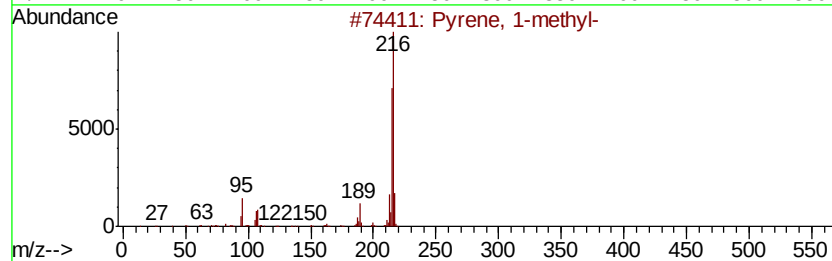
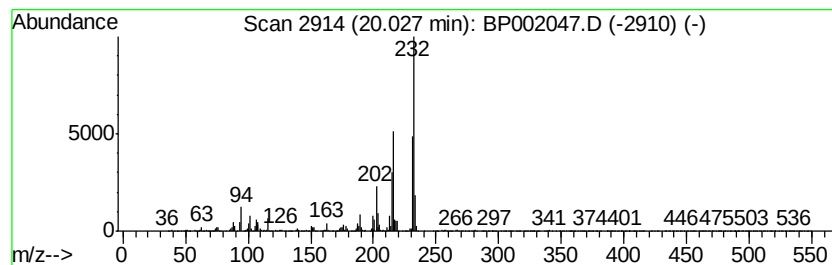
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.33 ng/ul	953557	Chrysene-d12	21.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216 C17H12	002381-21-7	64
2	11H-Benzo[a]fluorene	216 C17H12	000238-84-6	50
3	1-Pyrenemethanol	232 C17H12O	024463-15-8	46
4	Fluoranthene, 2-methyl-	216 C17H12	033543-31-6	46
5	Pyrene, 4-methyl-	216 C17H12	003353-12-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
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Acq On : 04 Mar 2020 12:53
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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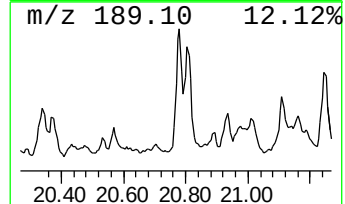
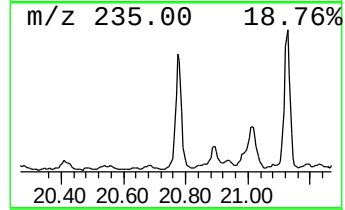
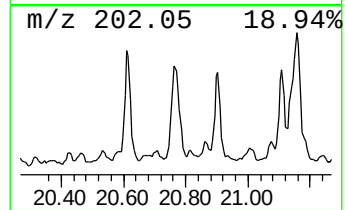
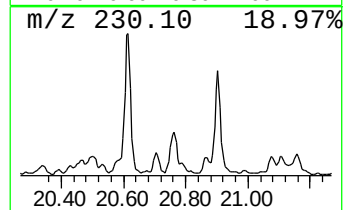
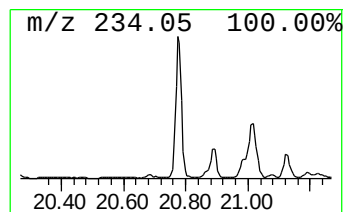
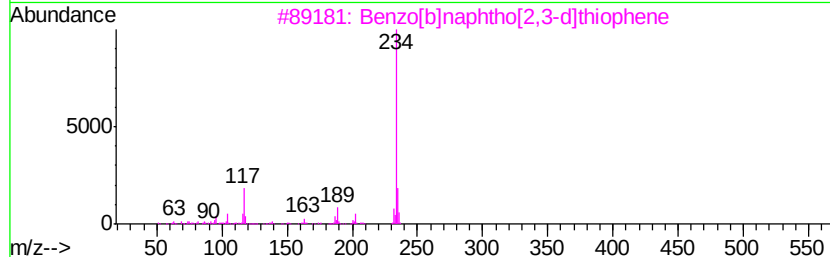
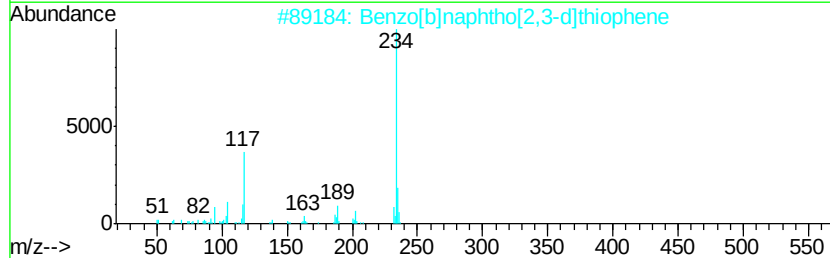
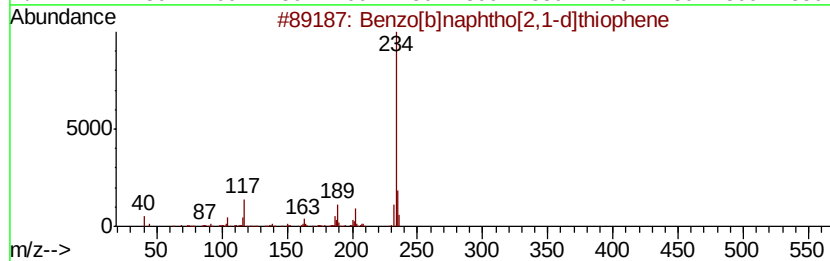
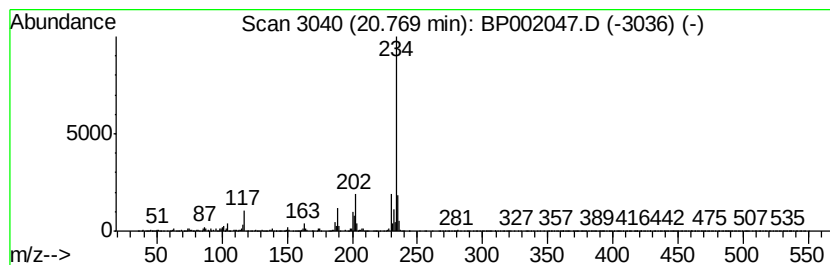
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.35 ng/ul	963510	Chrysene-d12	21.12

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[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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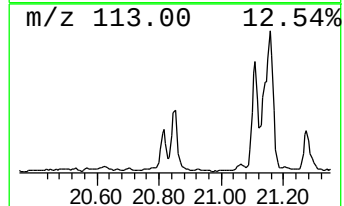
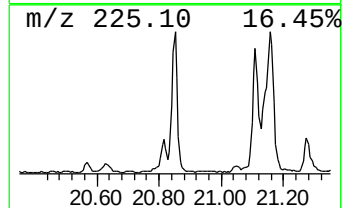
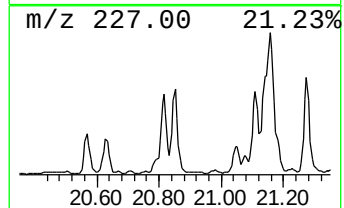
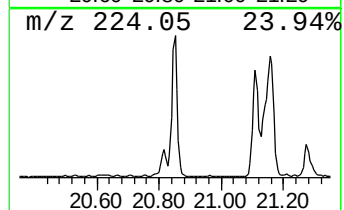
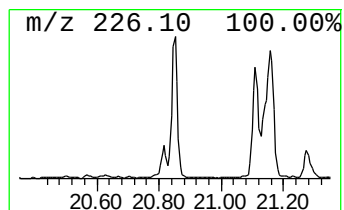
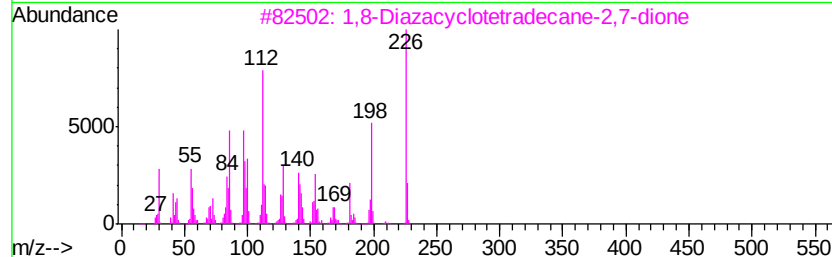
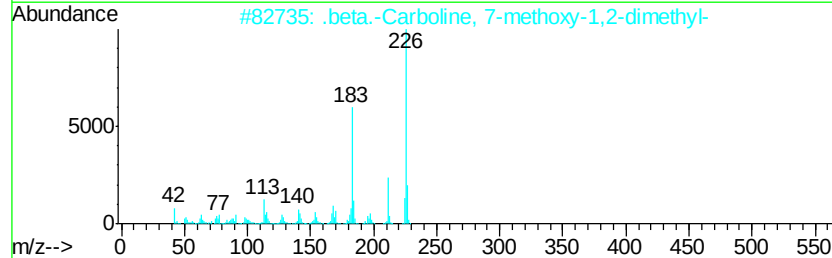
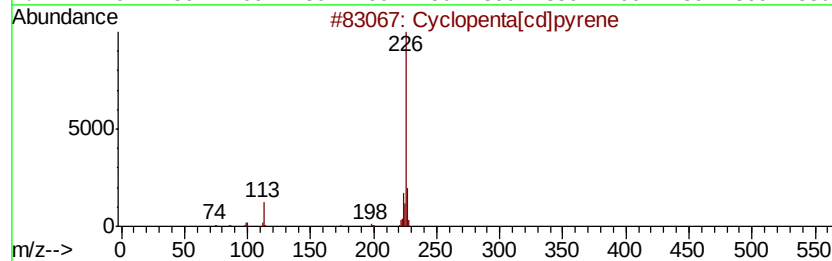
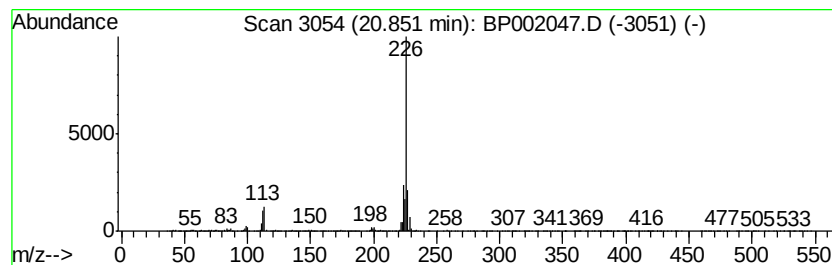
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopenta[cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	4.31 ng/ul	1767030	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	94
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3		1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	38
4		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	33
5		9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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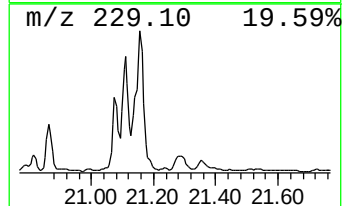
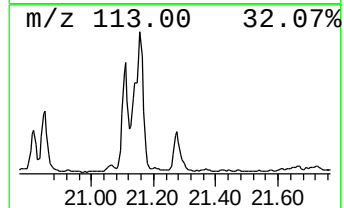
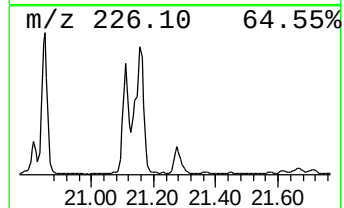
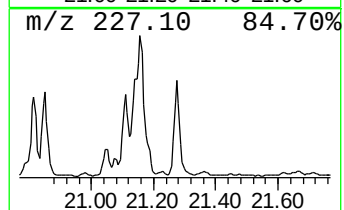
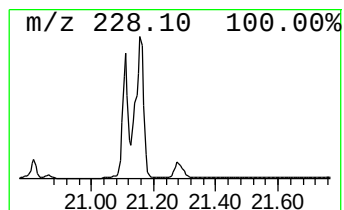
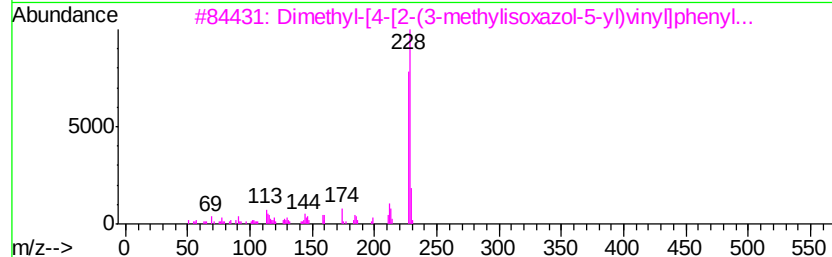
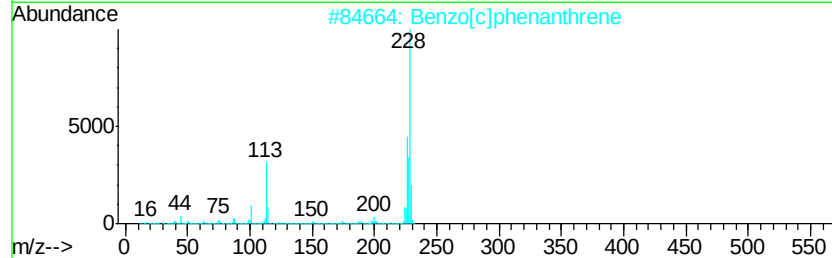
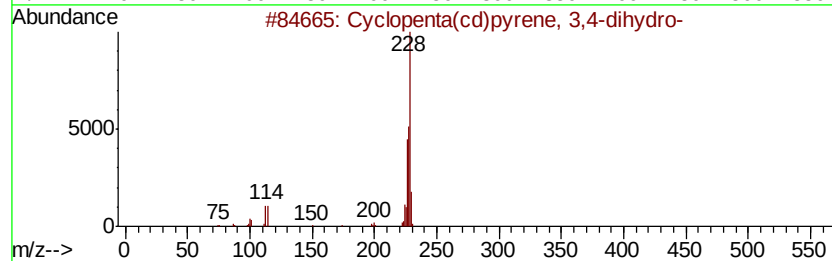
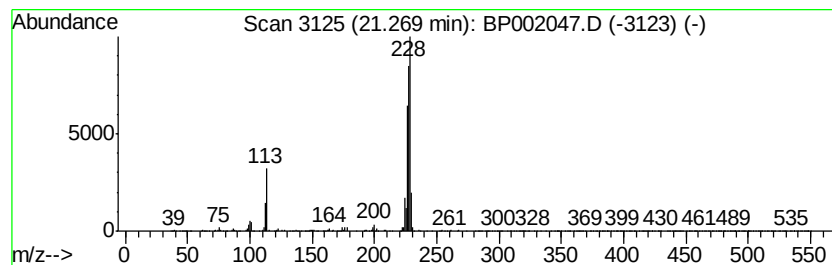
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	2.22 ng/ul	908528	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3		Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	52
4		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
5		Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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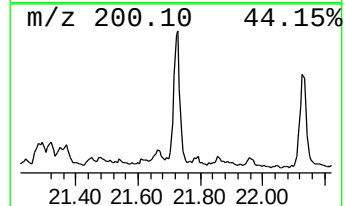
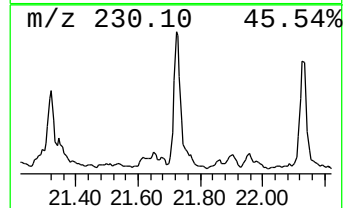
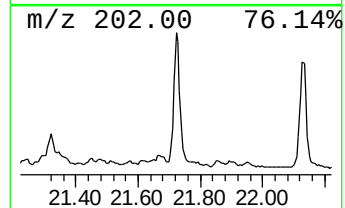
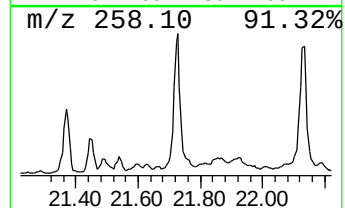
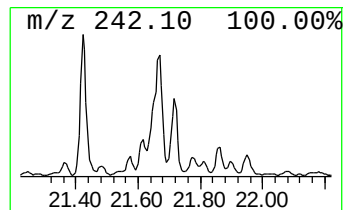
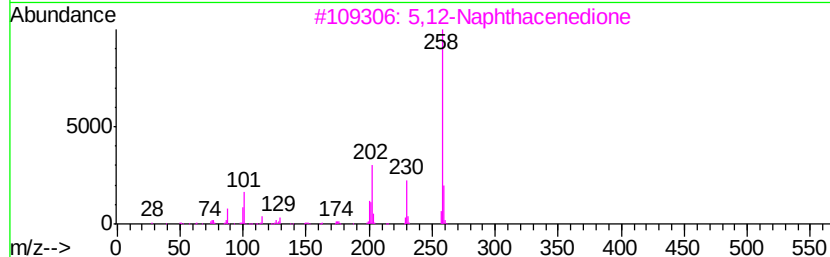
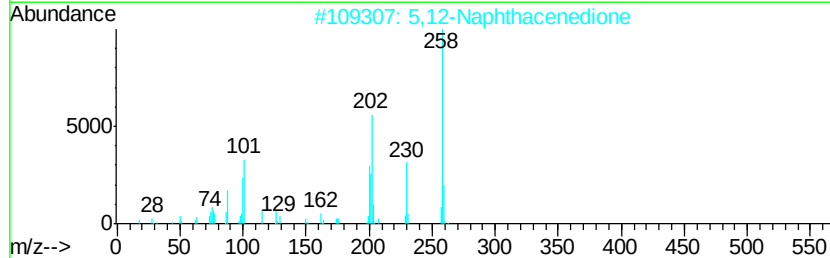
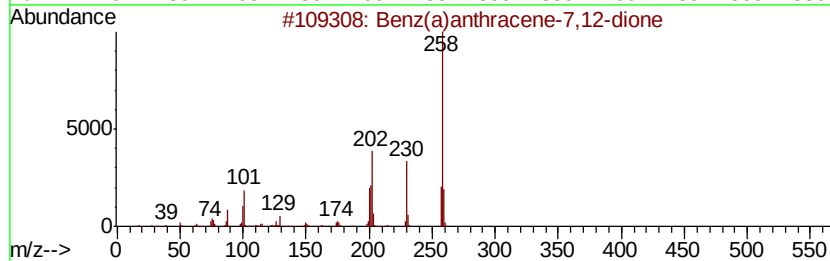
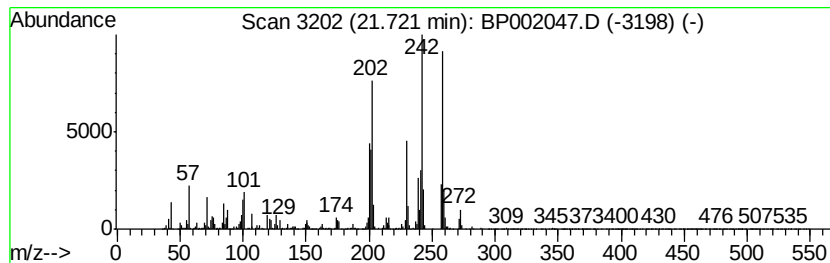
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benz(a)anthracene-7,12-dione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	2.40 ng/ul	983222	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	94
2		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
3		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	86
4		Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	83
5		Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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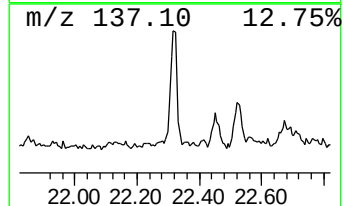
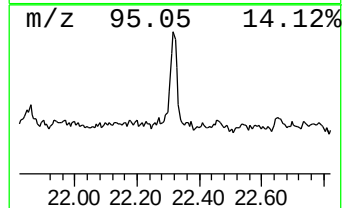
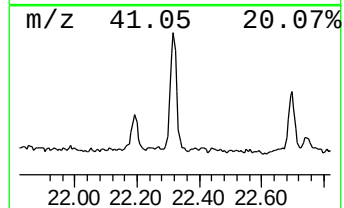
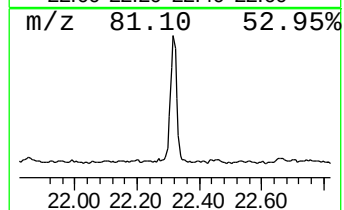
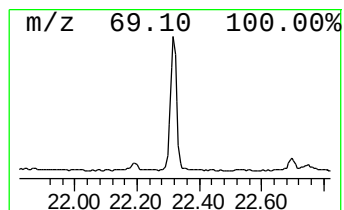
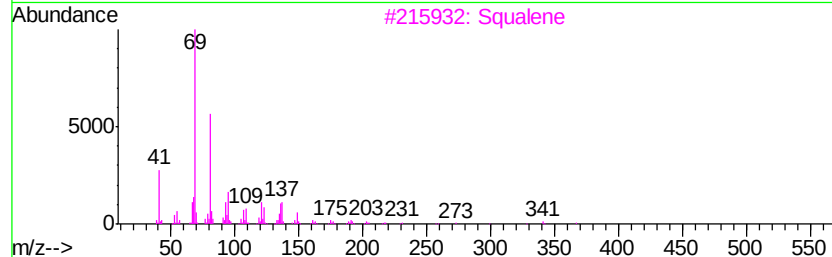
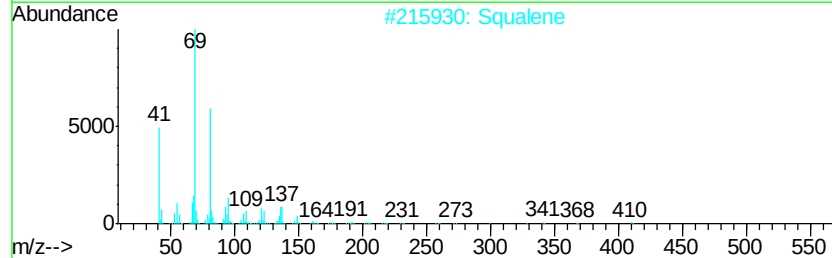
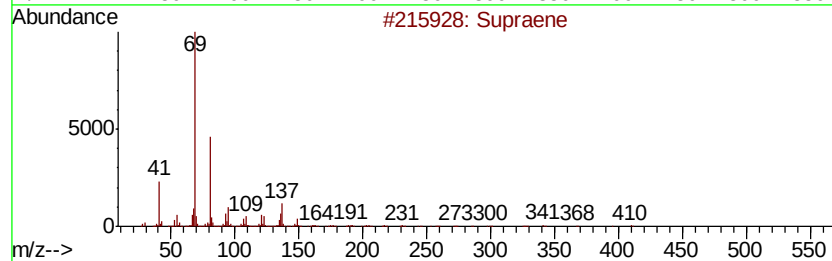
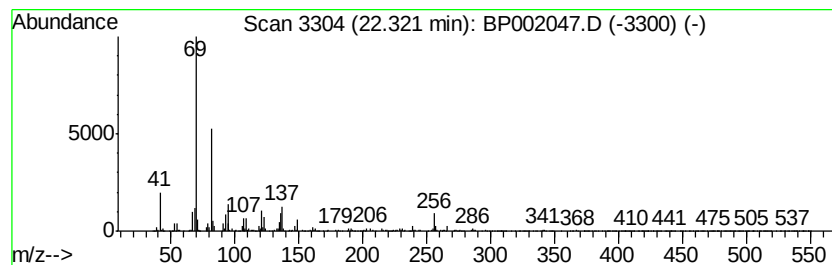
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Supraene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	3.25 ng/ul	649074	Perylene-d12	23.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	87
2		Squalene	410	C30H50	000111-02-4	87
3		Squalene	410	C30H50	000111-02-4	87
4		Squalene	410	C30H50	000111-02-4	80
5		Squalene	410	C30H50	000111-02-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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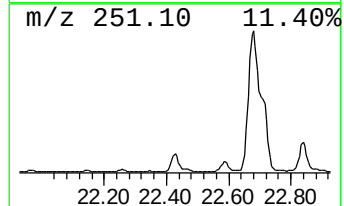
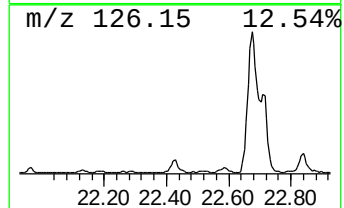
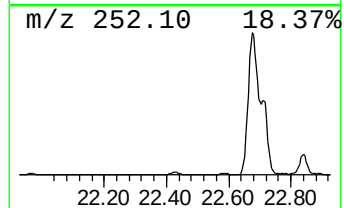
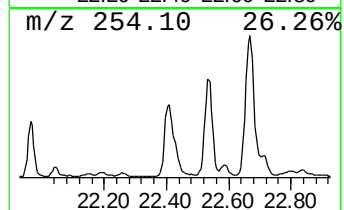
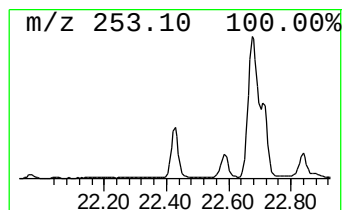
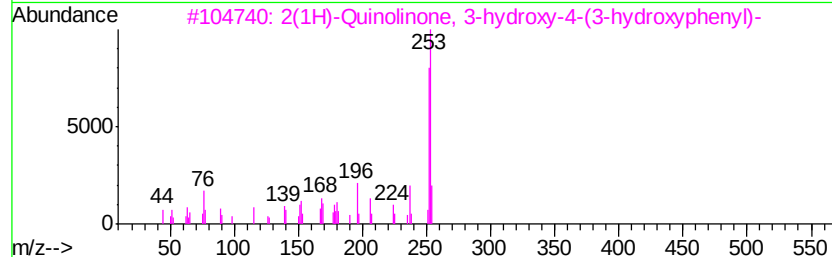
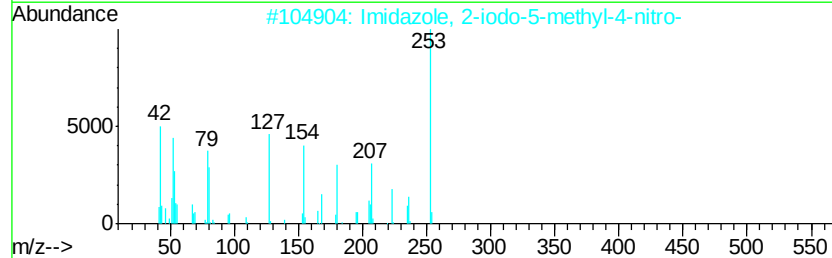
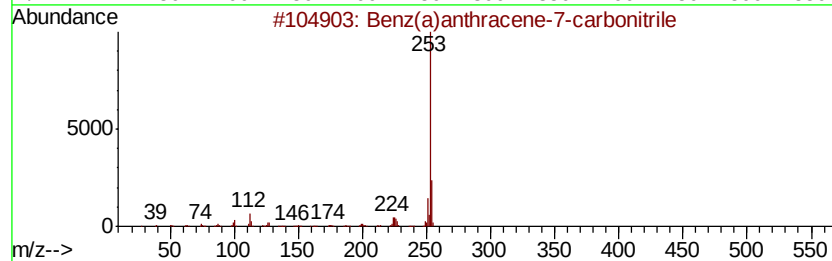
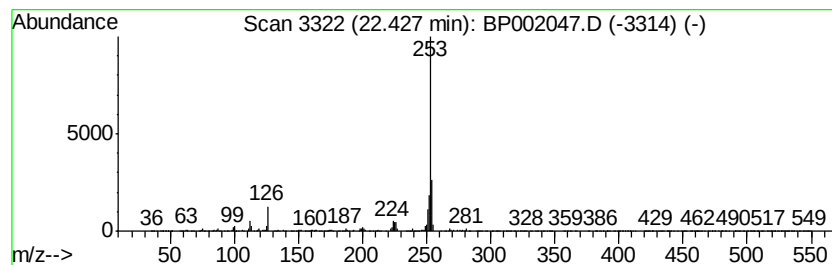
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Benz(a)anthracene-7-carboni... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	6.90 ng/ul	1378740	Perylene-d12	23.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	90
2		Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	46
3		2(1H)-Quinolinone, 3-hydroxy-4-(...	253	C15H11N03	014484-44-7	45
4		Ethyl 4-(5-methyl-1,1-dioxido-4-...	373	C19H19N05S	1000294-64-6	40
5		1,2'-Binaphthalene	254	C20H14	004325-74-0	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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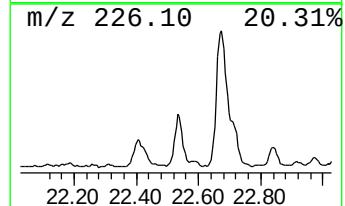
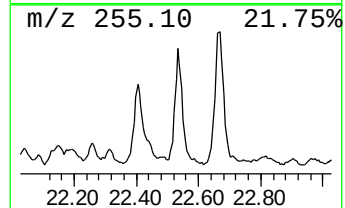
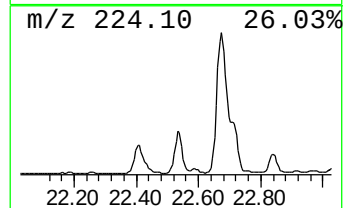
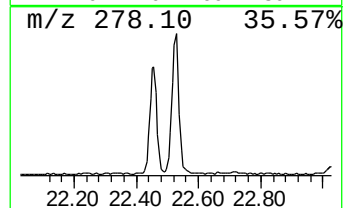
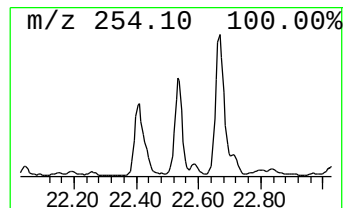
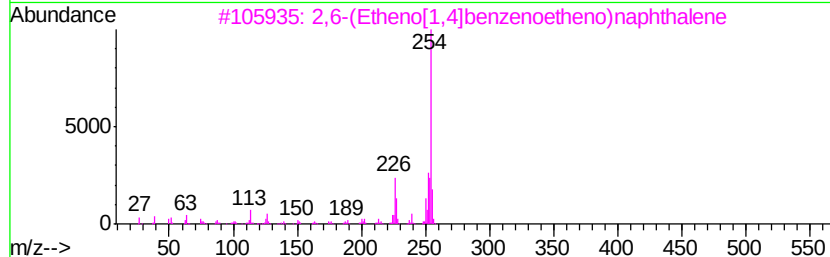
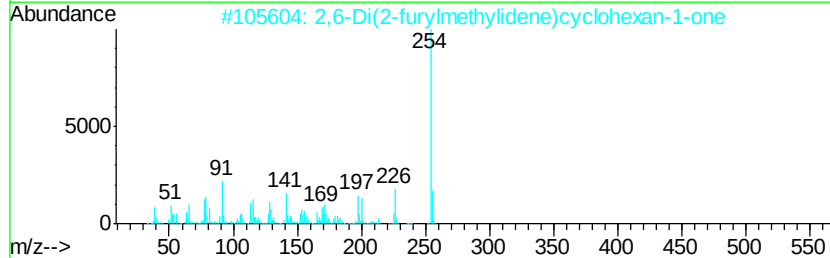
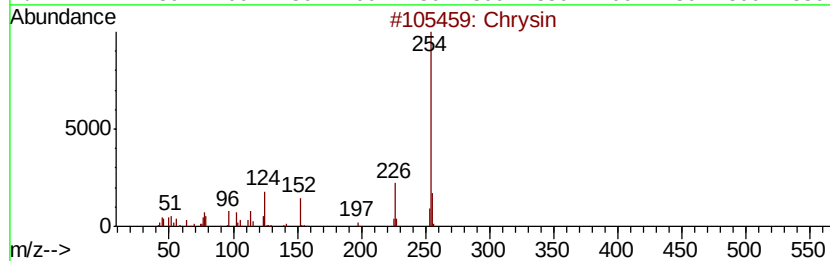
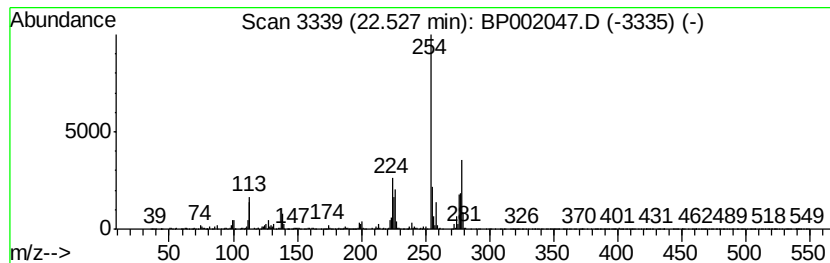
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Chrysin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	4.25 ng/ul	848569	Perylene-d12	23.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysin	254	C15H10O4	000480-40-0	52
2		2,6-Di(2-furylmethylidene)cyclohexan-1-one	254	C16H14O3	000893-00-5	50
3		2,6-(Etheno[1,4]benzenoetheno)naphthalene	254	C20H14	117054-70-3	50
4		Chrysin	254	C15H10O4	000480-40-0	43
5		3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
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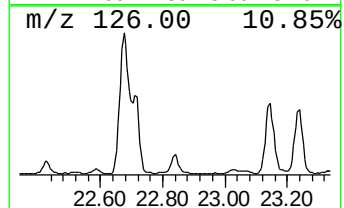
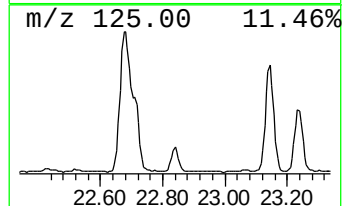
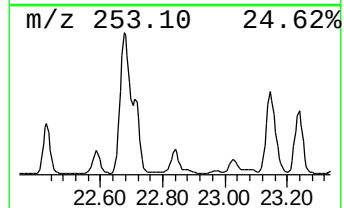
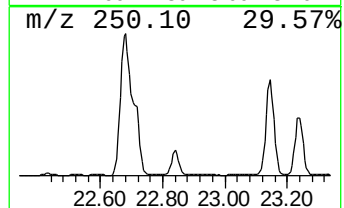
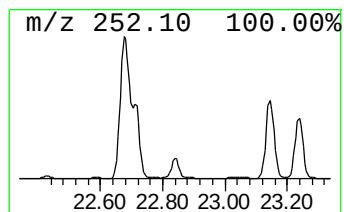
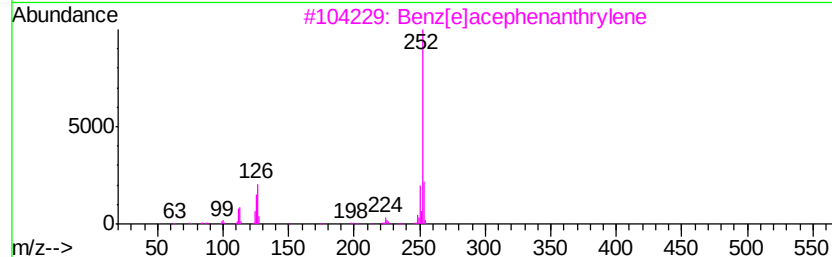
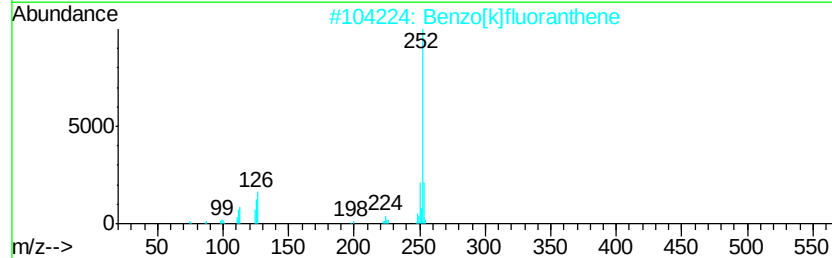
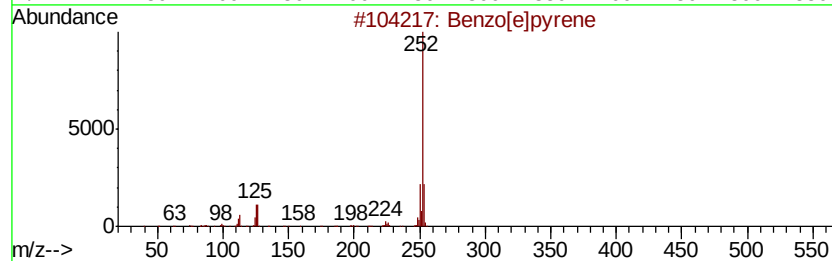
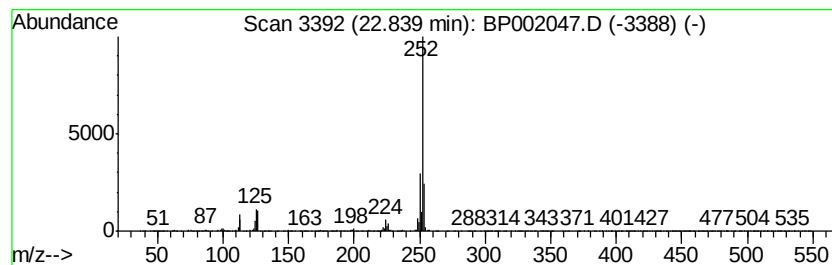
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	5.50 ng/ul	1098830	Perylene-d12	23.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	91
5		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

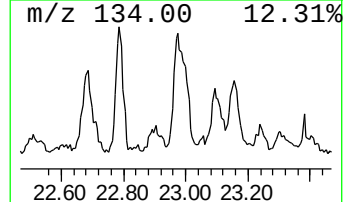
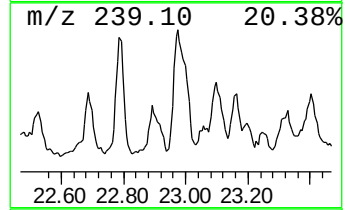
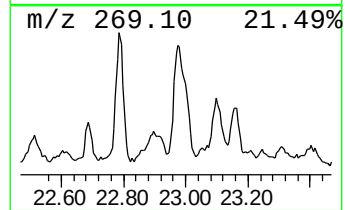
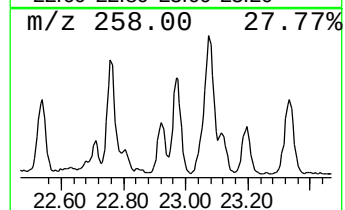
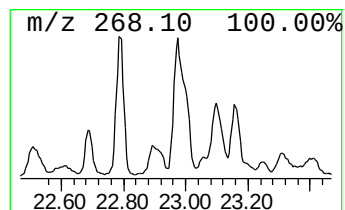
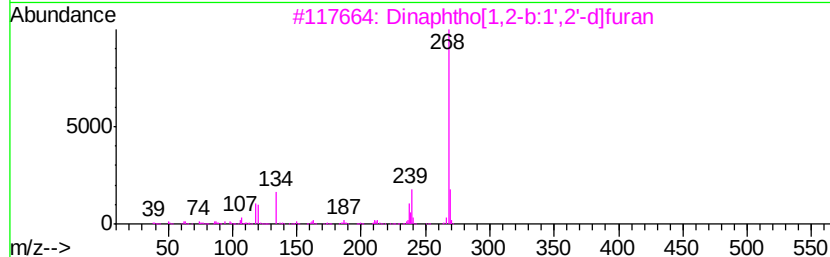
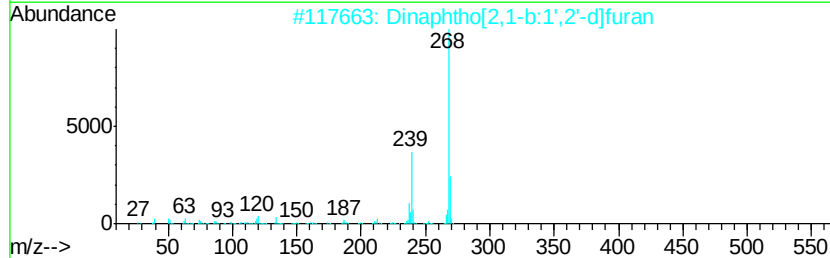
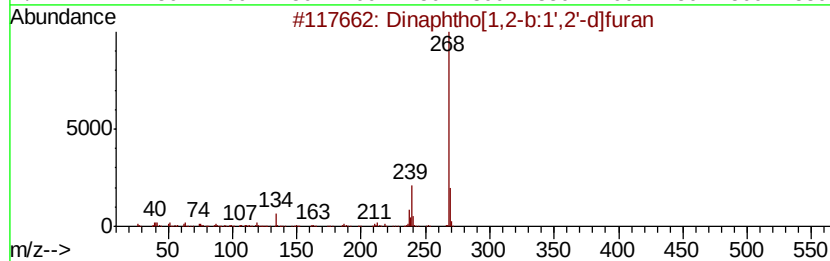
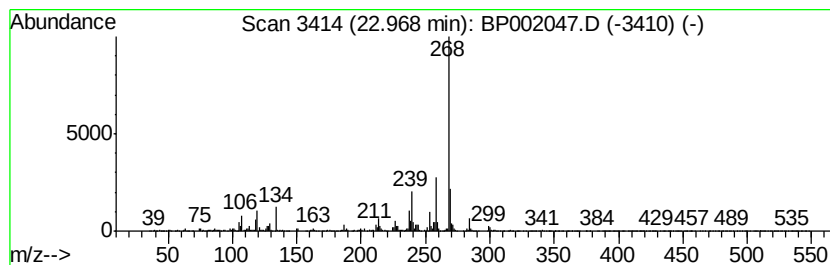
Instrument :
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ClientSampleId :
DBDQ8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	3.63 ng/ul	726193	Perylene-d12	23.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dinaphtho[1,2-b:1',2'-d]furan	268 C20H12O	000207-93-2 76
2		Dinaphtho[2,1-b:1',2'-d]furan	268 C20H12O	000194-63-8 68
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 64
5		10-Hydroxy-5-methoxy-2-methyl-1,...	268 C16H12O4	084542-45-0 58



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBDQ8DL

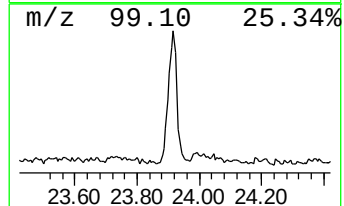
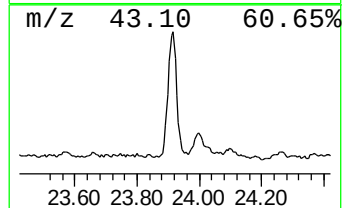
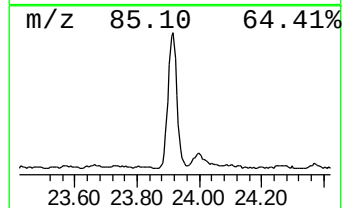
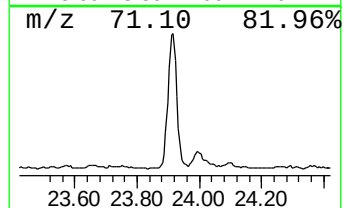
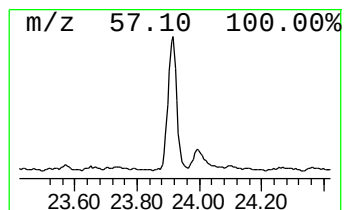
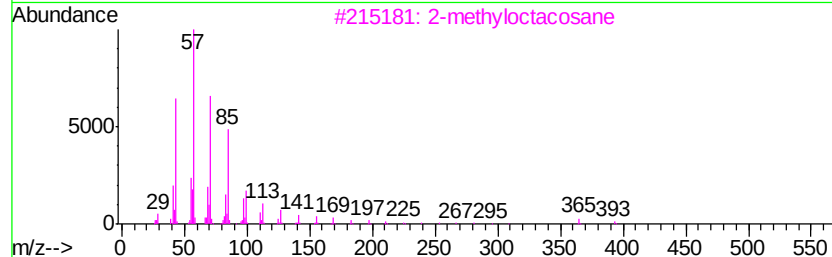
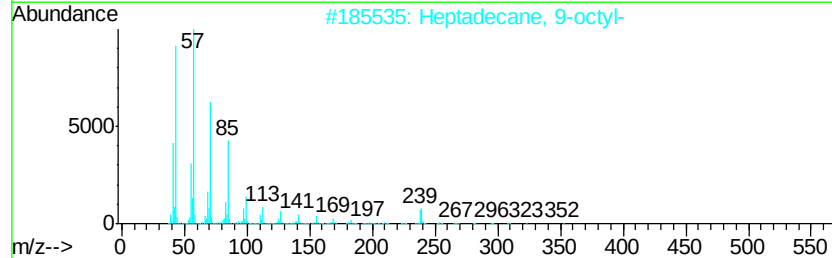
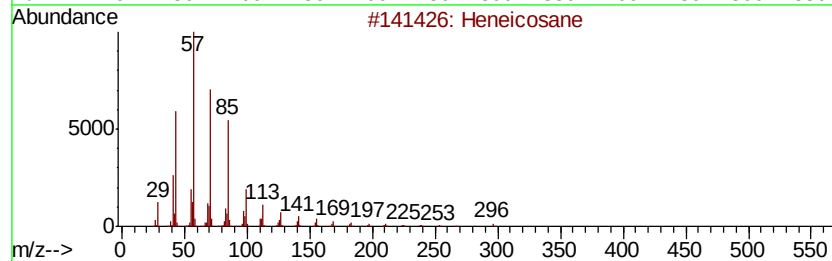
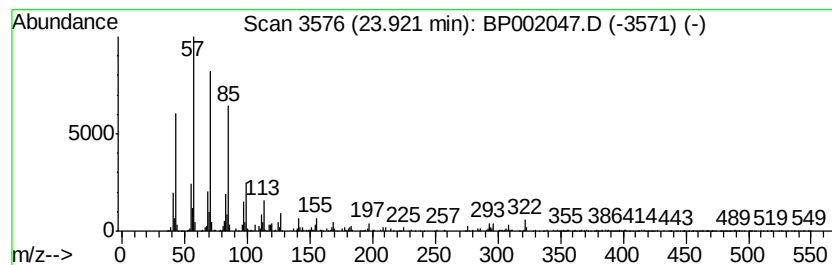
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	3.03 ng/ul	605886	Perylene-d12	23.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	95
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3			2-methyloctacosane	408	C29H60	1000376-72-8	91
4			2-methyltetracosane	352	C25H52	1000376-72-6	90
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBDQ8DL

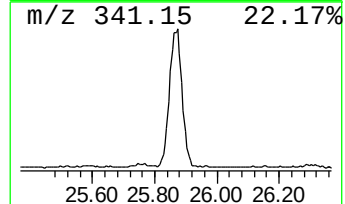
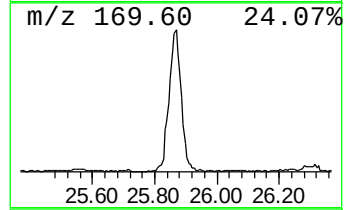
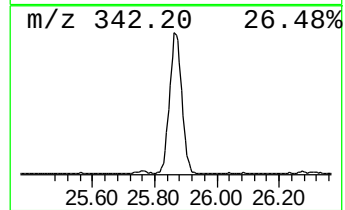
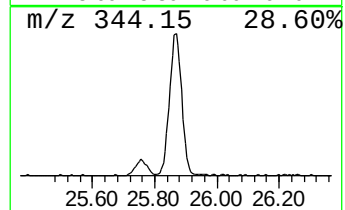
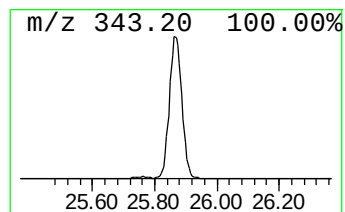
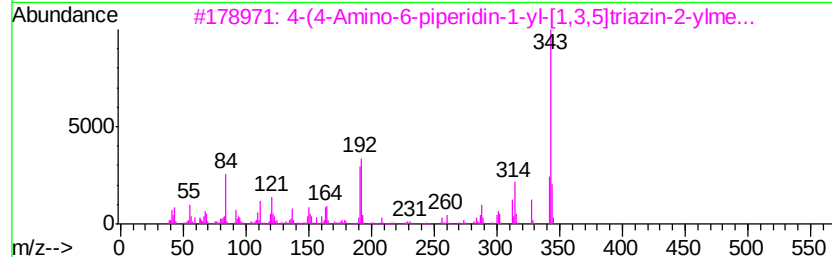
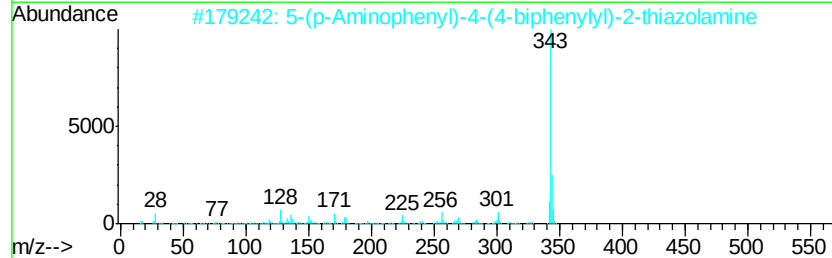
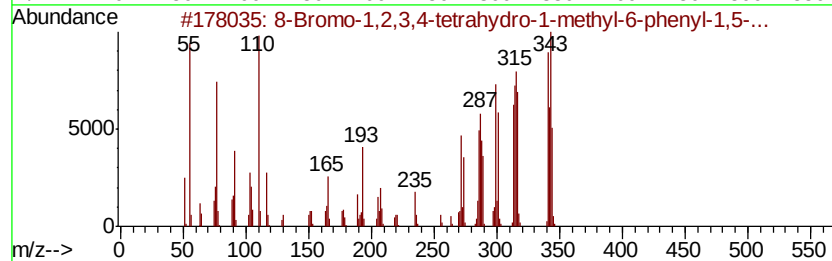
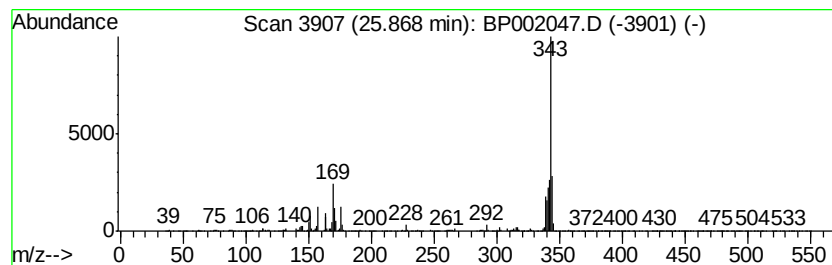
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	10.96 ng/ul	2190370	Perylene-d12	23.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Bromo-1,2,3,4-tetrahydro-1-met...	342	C17H15BrN2O	063563-58-6	38
2		5-(p-Aminophenyl)-4-(4-biphenylv...	343	C21H17N3S	094863-57-7	38
3		4-(4-Amino-6-piperidin-1-yl-[1,3...	343	C17H21N5O3	1000276-02-9	28
4		Benzoic acid, 4-(3,4,5-trimethox...	343	C19H21N05	304683-21-4	25
5		1,3,9,11,2,10-Parazabol, 2,2,10,...	372	C22H30B2N4	1000157-80-0	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

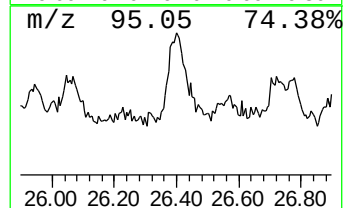
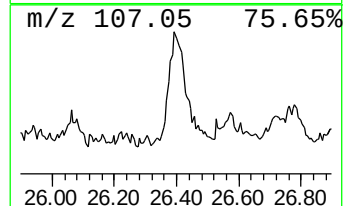
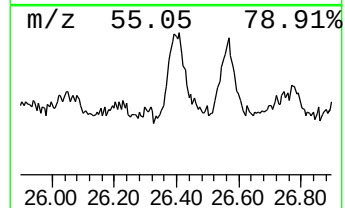
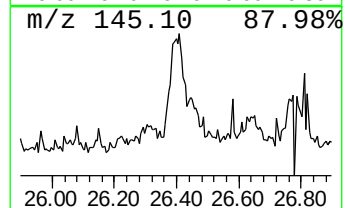
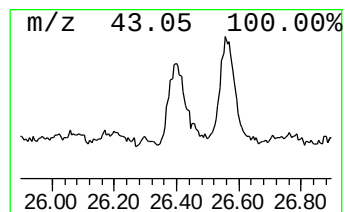
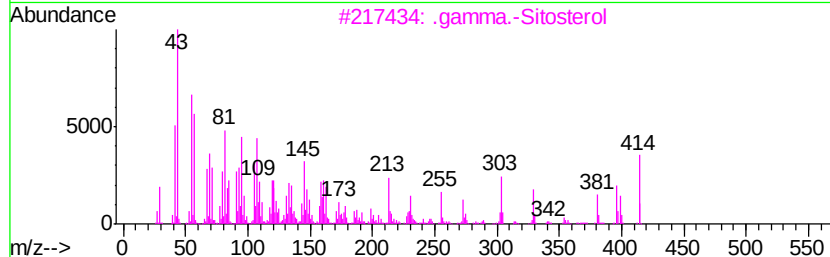
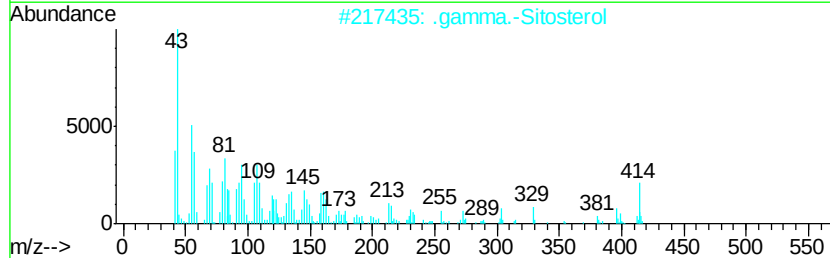
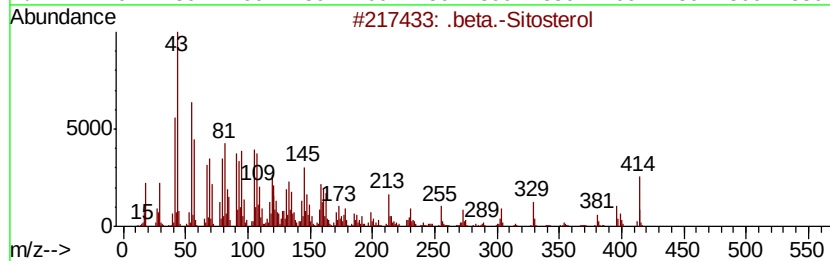
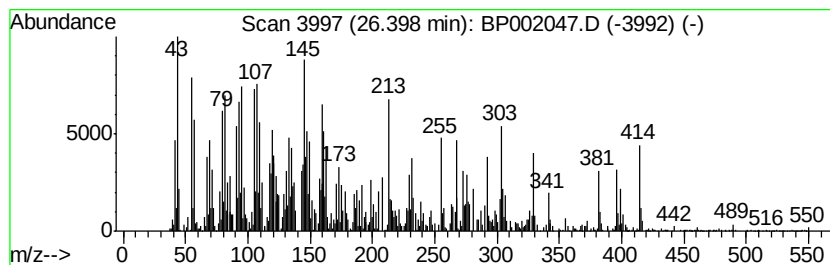
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 .beta.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.40	3.23 ng/ul	646355	Perylene-d12	23.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 83
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 64
3		.gamma.-Sitosterol	414 C29H50O	000083-47-6 60
4		.beta.-Sitosterol acetate	456 C31H52O2	000915-05-9 46
5		22,26-Oxido-4,17-cholestadien-3....	414 C27H42O3	1000252-80-4 25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030420\
 Data File : BP002047.D
 Acq On : 04 Mar 2020 12:53
 Operator : CG/JU
 Sample : L1616-14DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBDQ8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.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
Butane, 2-methoxy...	2.92	15.6	ng/ul	1166570	1	7.64	1494470	20.0
Indene	8.18	2.5	ng/ul	186673	1	7.64	1494470	20.0
n-Hexadecanoic acid	17.95	2.1	ng/ul	347815	4	17.03	3361740	20.0
4H-Cyclopenta[def...	18.09	2.2	ng/ul	374584	4	17.03	3361740	20.0
9,10-Anthracenedione	18.42	2.7	ng/ul	453086	4	17.03	3361740	20.0
Spiro[cyclopropan...	18.92	3.1	ng/ul	515674	4	17.03	3361740	20.0
Indeno(1,2,3-ij)i...	19.63	3.2	ng/ul	1307930	5	21.12	8190710	20.0
Pyrene, 1-methyl-	20.03	2.3	ng/ul	953557	5	21.12	8190710	20.0
Benzo[b]naphtho[2...	20.77	2.4	ng/ul	963510	5	21.12	8190710	20.0
Cyclopenta[cd]pyrene	20.85	4.3	ng/ul	1767030	5	21.12	8190710	20.0
Cyclopenta(cd)pyr...	21.27	2.2	ng/ul	908528	5	21.12	8190710	20.0
Benz(a)anthracene...	21.72	2.4	ng/ul	983222	5	21.12	8190710	20.0
Supraene	22.32	3.3	ng/ul	649074	6	23.33	3996090	20.0
Benz(a)anthracene...	22.43	6.9	ng/ul	1378740	6	23.33	3996090	20.0
Chrysin	22.53	4.3	ng/ul	848569	6	23.33	3996090	20.0
Benzo[e]pyrene	22.84	5.5	ng/ul	1098830	6	23.33	3996090	20.0
Dinaphtho[1,2-b:1...	22.97	3.6	ng/ul	726193	6	23.33	3996090	20.0
(DEL) Alkane: Str...	23.92	3.0	ng/ul	605886	6	23.33	3996090	20.0
unknown-01	25.87	11.0	ng/ul	2190370	6	23.33	3996090	20.0
.beta.-Sitosterol	26.40	3.2	ng/ul	646355	6	23.33	3996090	20.0