

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020264.D
 Acq On : 11 May 2019 06:18
 Operator : JU/SJ
 Sample : K2764-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS001-0206-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % 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\8270-BM043019.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.357	396	403	422	rBV	2206133	3193525	39.80%	3.126%
2	6.945	665	673	693	rBV	2300780	3758988	46.85%	3.680%
3	7.304	726	734	750	rBV	2318241	3799803	47.36%	3.720%
4	7.775	807	814	821	rBV	371615	610584	7.61%	0.598%
5	8.092	860	868	879	rBV	1610006	2663479	33.19%	2.607%
6	8.945	1003	1013	1024	rBV	1362860	2360175	29.41%	2.311%
7	10.563	1282	1288	1293	rBV	507838	857673	10.69%	0.840%
8	10.616	1293	1297	1307	rVB	125753	223803	2.79%	0.219%
9	12.227	1564	1571	1579	rBV	71265	115615	1.44%	0.113%
10	13.039	1701	1709	1727	rBV	3594215	5546712	69.13%	5.430%
11	13.874	1845	1851	1863	rBV	499974	728036	9.07%	0.713%
12	14.139	1890	1896	1907	rBV	317763	505556	6.30%	0.495%
13	14.415	1932	1943	1951	rBV2	830941	1301263	16.22%	1.274%
14	15.021	2038	2046	2051	rBV5	58454	139906	1.74%	0.137%
15	15.286	2087	2091	2098	rVB	65673	96389	1.20%	0.094%
16	15.915	2188	2198	2219	rVB	3407969	5112632	63.72%	5.005%
17	16.139	2227	2236	2246	rVB8	64164	155398	1.94%	0.152%
18	16.468	2285	2292	2297	rBV8	36477	95247	1.19%	0.093%
19	16.745	2334	2339	2344	rVB2	67113	103977	1.30%	0.102%
20	16.821	2347	2352	2358	rVB	103602	162403	2.02%	0.159%
21	16.986	2376	2380	2387	rVB	97947	146822	1.83%	0.144%
22	17.168	2405	2411	2414	rBV	1067840	1585032	19.75%	1.552%
23	17.209	2414	2418	2428	rVB	1542492	2139671	26.67%	2.095%
24	17.298	2428	2433	2438	rBV	290827	426431	5.31%	0.417%
25	17.480	2460	2464	2471	rVB	65137	115358	1.44%	0.113%
26	17.568	2471	2479	2486	rBV9	33739	125889	1.57%	0.123%
27	17.645	2487	2492	2495	rVV2	75882	138760	1.73%	0.136%
28	17.686	2495	2499	2504	rVV	219050	317574	3.96%	0.311%
29	17.745	2504	2509	2516	rVB2	195173	301333	3.76%	0.295%
30	17.892	2530	2534	2541	rVB	87070	161763	2.02%	0.158%
31	17.962	2541	2546	2550	rBV2	81993	135661	1.69%	0.133%
32	18.045	2554	2560	2564	rBV2	743904	1292334	16.11%	1.265%
33	18.086	2564	2567	2573	rVB	671341	956721	11.92%	0.937%
34	18.168	2577	2581	2586	rVB	105865	149957	1.87%	0.147%

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35	18.227	2586	2591	2596	rBV2	771572	1410361	17.58%	1.381%
36	18.274	2596	2599	2606	rVB	521533	681747	8.50%	0.667%
37	18.350	2607	2612	2616	rBV2	84933	129352	1.61%	0.127%
38	18.433	2623	2626	2631	rVB2	111846	157675	1.97%	0.154%
39	18.545	2639	2645	2649	rBV	612860	883025	11.00%	0.864%
40	18.592	2649	2653	2663	rVB	763765	1113804	13.88%	1.090%
41	18.756	2677	2681	2683	rBV	94659	125664	1.57%	0.123%
42	18.786	2683	2686	2692	rVV2	163424	324183	4.04%	0.317%
43	18.839	2692	2695	2699	rVV	179616	244916	3.05%	0.240%
44	18.880	2699	2702	2706	rVB2	130786	156559	1.95%	0.153%
45	18.962	2711	2716	2722	rBV3	587246	1171959	14.61%	1.147%
46	19.056	2729	2732	2735	rVB	187928	219713	2.74%	0.215%
47	19.109	2735	2741	2752	rBV2	546471	1050501	13.09%	1.028%
48	19.233	2752	2762	2767	rVV	3241730	4498651	56.06%	4.404%
49	19.292	2767	2772	2775	rVV2	216537	335247	4.18%	0.328%
50	19.327	2775	2778	2782	rVV2	234794	348519	4.34%	0.341%
51	19.380	2782	2787	2791	rVV	420609	590129	7.35%	0.578%
52	19.427	2791	2795	2799	rVV2	345550	527755	6.58%	0.517%
53	19.474	2799	2803	2805	rVV	165421	272645	3.40%	0.267%
54	19.497	2805	2807	2811	rVV2	194602	246156	3.07%	0.241%
55	19.556	2814	2817	2818	rVV	132272	145166	1.81%	0.142%
56	19.597	2818	2824	2830	rVV	5967845	8024044	100.00%	7.855%
57	19.662	2830	2835	2840	rVB2	240650	375692	4.68%	0.368%
58	19.797	2852	2858	2867	rVB	6210416	7916283	98.66%	7.750%
59	19.921	2872	2879	2887	rBV3	484888	1198210	14.93%	1.173%
60	19.997	2888	2892	2896	rBV4	126158	183155	2.28%	0.179%
61	20.056	2896	2902	2905	rBV4	471008	1013747	12.63%	0.992%
62	20.156	2915	2919	2920	rBV3	67618	88482	1.10%	0.087%
63	20.186	2920	2924	2928	rVV2	118892	196389	2.45%	0.192%
64	20.244	2929	2934	2938	rVV	745304	945981	11.79%	0.926%
65	20.386	2953	2958	2962	rBV2	714863	956925	11.93%	0.937%
66	20.427	2962	2965	2975	rVB	602105	829286	10.34%	0.812%
67	20.550	2982	2986	2989	rBV5	80196	115129	1.43%	0.113%
68	20.744	3016	3019	3022	rBV4	74068	87315	1.09%	0.085%
69	20.833	3030	3034	3040	rVB	521314	731778	9.12%	0.716%
70	20.921	3046	3049	3053	rVB	78388	91346	1.14%	0.089%
71	20.997	3054	3062	3066	rBV2	421180	899494	11.21%	0.881%

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72	21.039	3066	3069	3073	rVV2	651420	961619	11.98%	0.941%
73	21.074	3073	3075	3079	rVV	407553	492299	6.14%	0.482%
74	21.133	3080	3085	3091	rVB2	379221	609456	7.60%	0.597%
75	21.344	3115	3121	3126	rBV2	2053935	4547906	56.68%	4.452%
76	21.391	3126	3129	3134	rVB	2149652	2593533	32.32%	2.539%
77	21.521	3148	3151	3154	rBV4	136958	185591	2.31%	0.182%
78	21.562	3154	3158	3169	rVB	806121	1292056	16.10%	1.265%
79	21.715	3181	3184	3188	rBV3	150789	179993	2.24%	0.176%
80	21.850	3204	3207	3210	rBV	144207	192981	2.41%	0.189%
81	21.909	3214	3217	3222	rVV	463353	686979	8.56%	0.673%
82	21.962	3222	3226	3232	rVB2	279330	498412	6.21%	0.488%
83	22.033	3234	3238	3245	rVB2	202373	337573	4.21%	0.330%
84	22.109	3248	3251	3253	rBV	148570	174210	2.17%	0.171%
85	22.209	3265	3268	3275	rVB	234097	347763	4.33%	0.340%
86	22.397	3297	3300	3306	rBV3	131837	199926	2.49%	0.196%
87	22.956	3389	3395	3406	rVB2	1124670	3306469	41.21%	3.237%
88	23.127	3420	3424	3431	rVB	230103	427107	5.32%	0.418%
89	23.444	3472	3478	3489	rVB	937462	1802709	22.47%	1.765%
90	23.544	3489	3495	3501	rBV	1007665	1834540	22.86%	1.796%
91	23.644	3507	3512	3517	rVB	532349	851116	10.61%	0.833%
92	25.968	3900	3907	3919	rVB2	481620	1398021	17.42%	1.369%
93	26.685	4023	4029	4048	rVB	443158	1416576	17.65%	1.387%

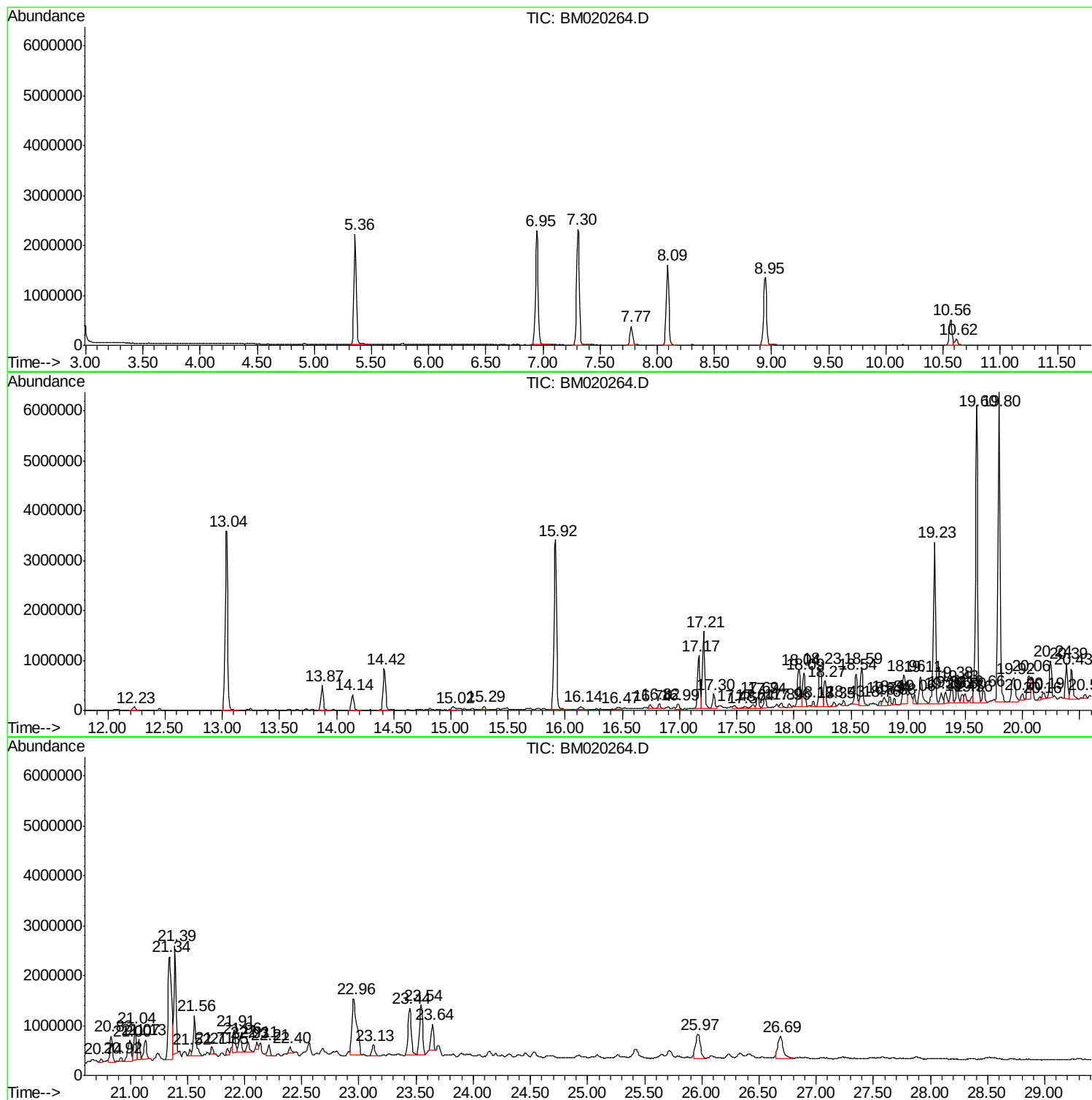
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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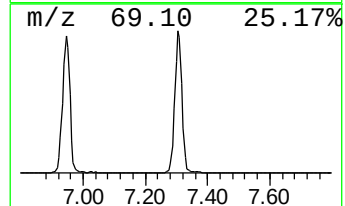
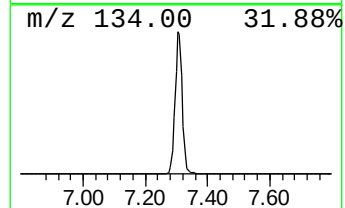
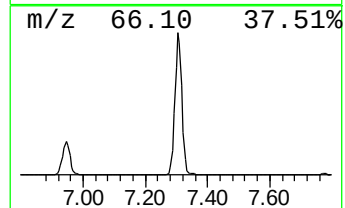
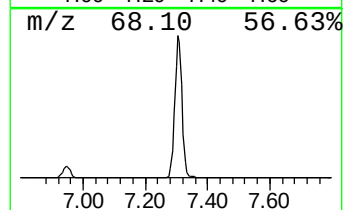
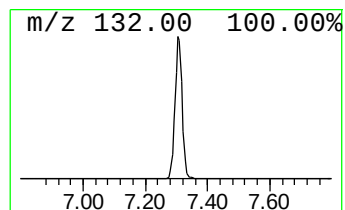
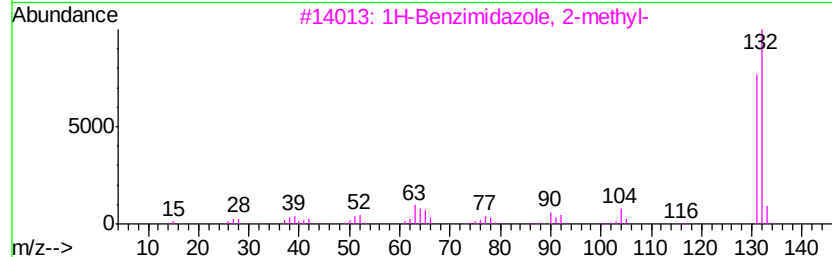
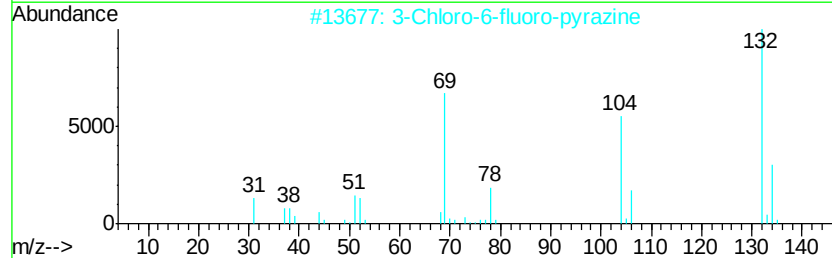
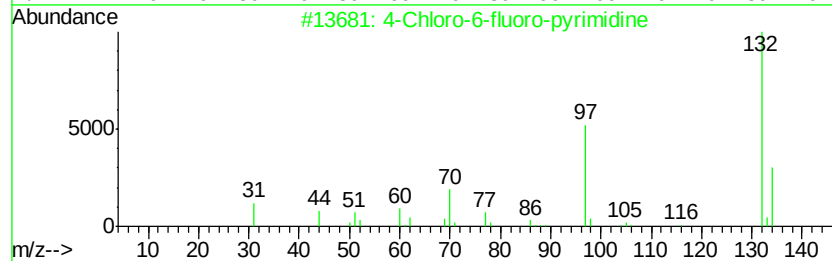
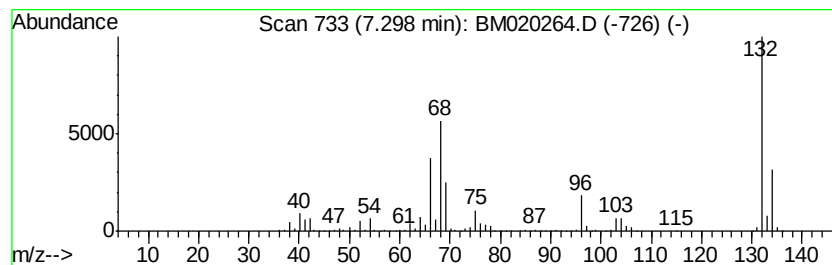
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	124.47 ng	3799800	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



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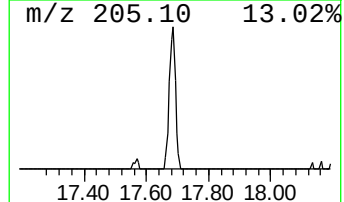
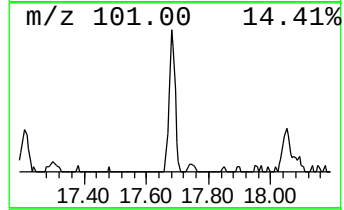
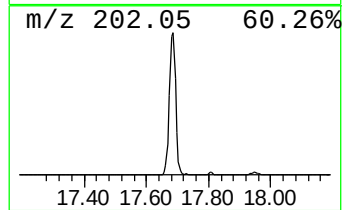
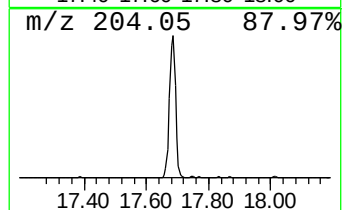
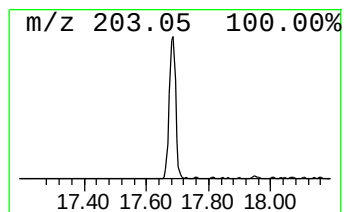
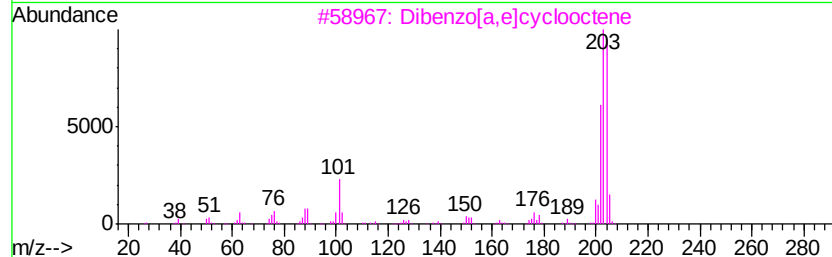
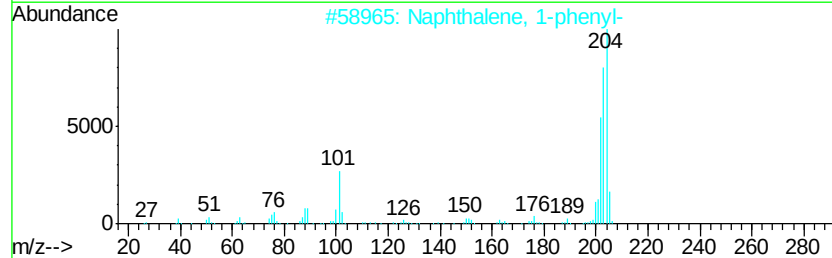
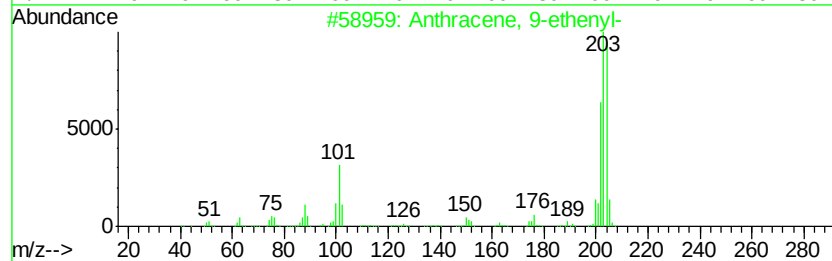
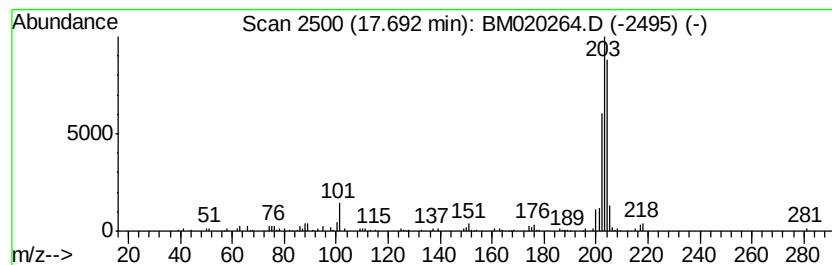
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Anthracene, 9-ethenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	4.01 ng	317574	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	94
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
3		Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
4		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	76
5		Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	76



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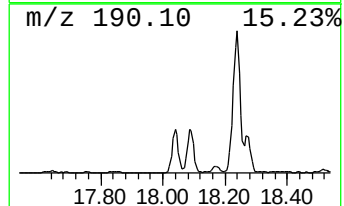
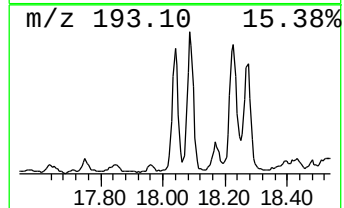
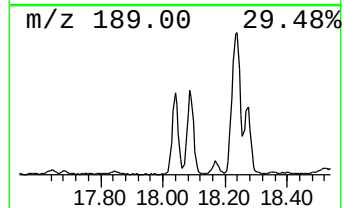
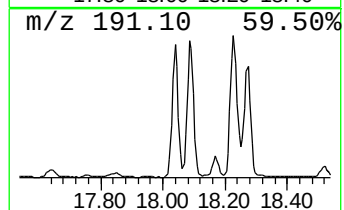
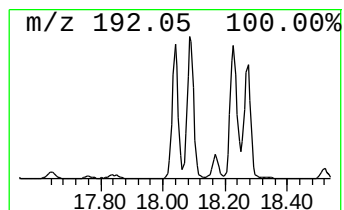
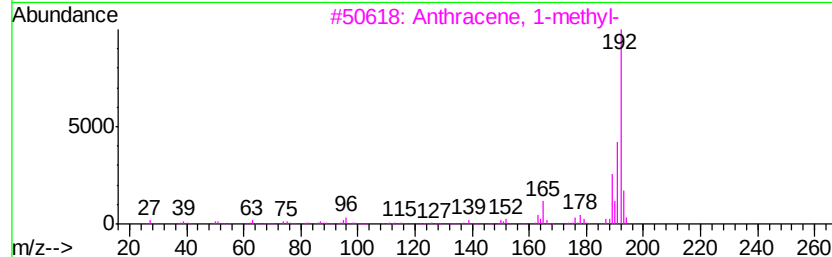
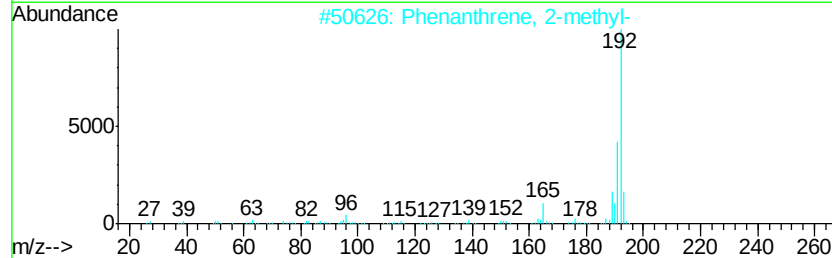
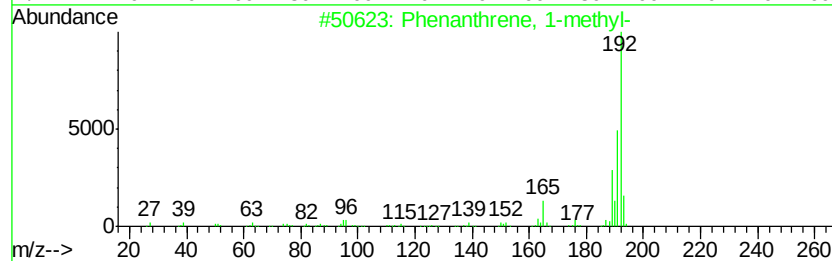
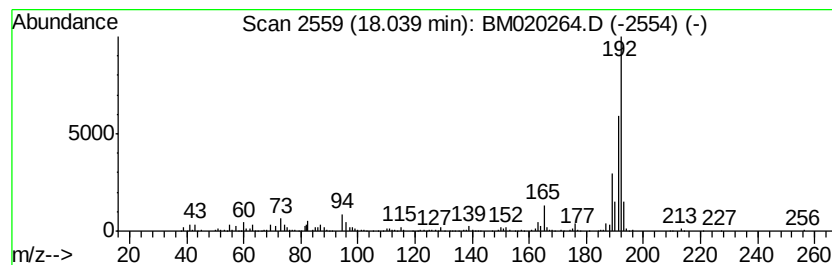
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Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.04	16.31 ng	1292330	Phenanthrene-d10	17.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
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Acq On : 11 May 2019 06:18
Operator : JU/SJ
Sample : K2764-12
Misc :
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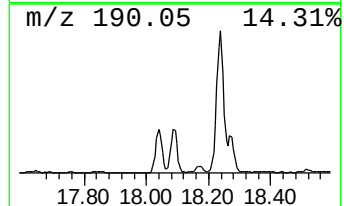
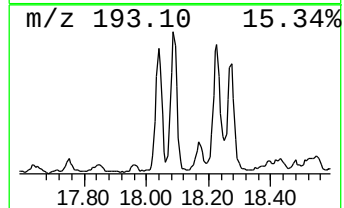
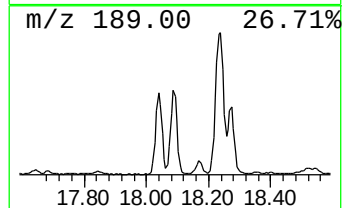
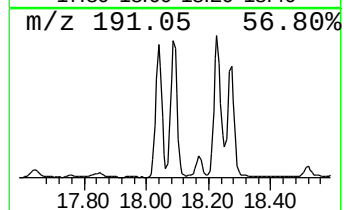
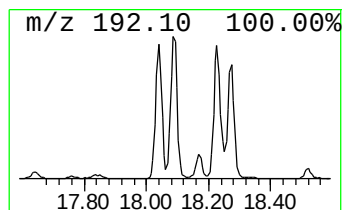
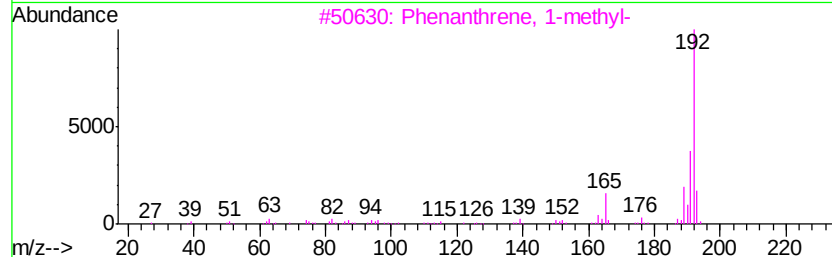
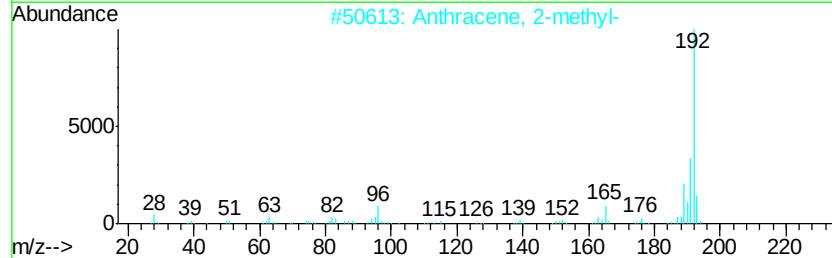
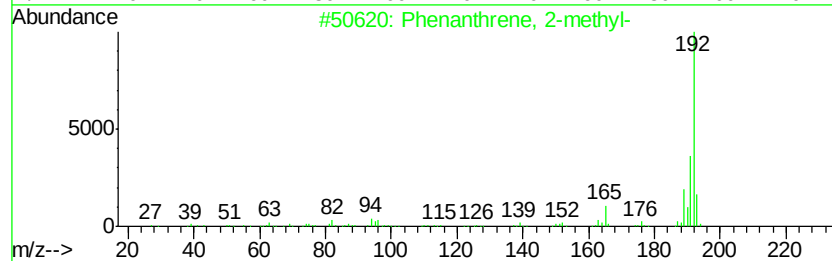
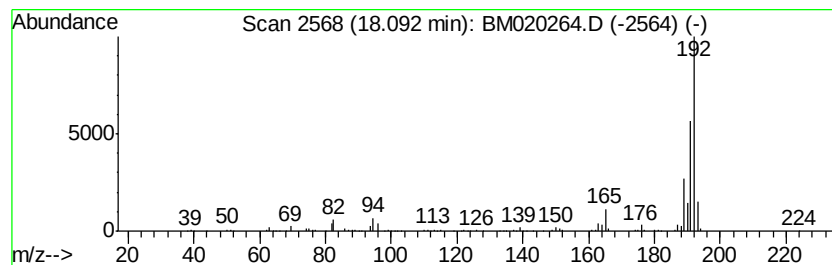
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ClientSampleId :
P026-SS001-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	12.07 ng	956721	Phenanthrene-d10	17.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020264.D
Acq On : 11 May 2019 06:18
Operator : JU/SJ
Sample : K2764-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

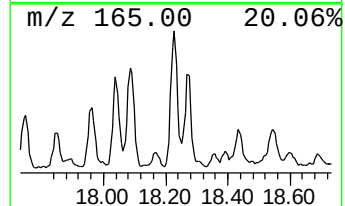
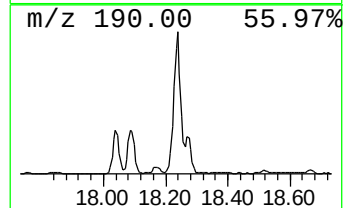
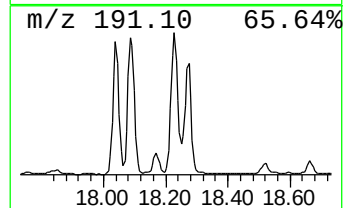
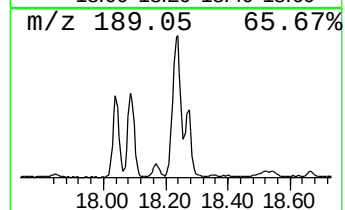
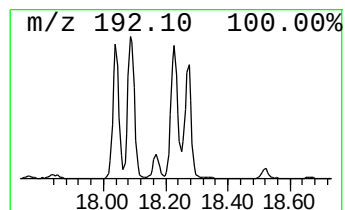
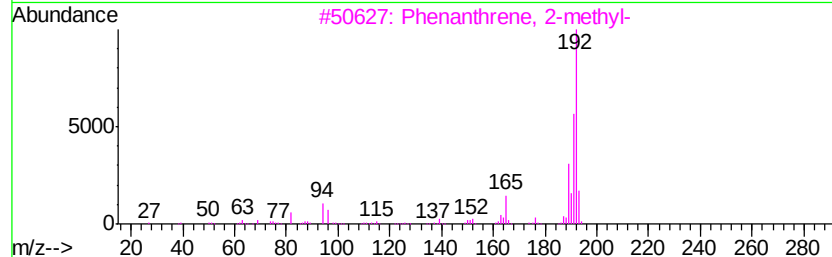
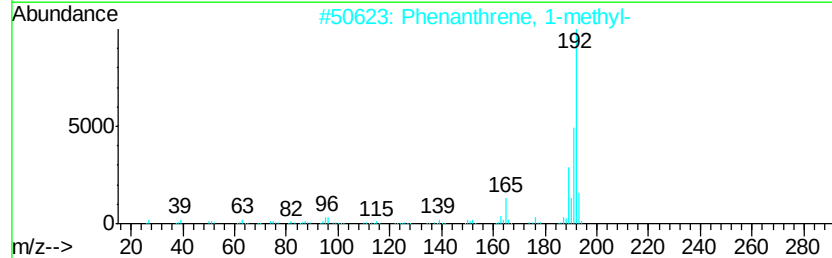
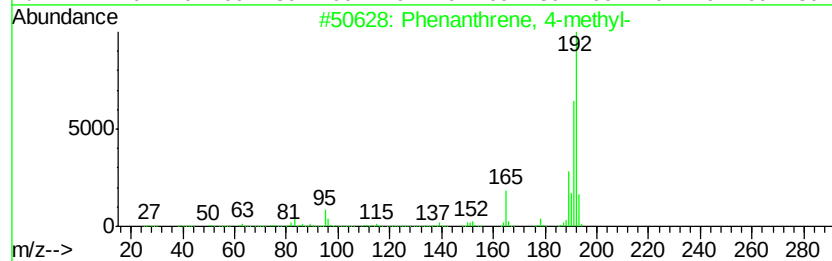
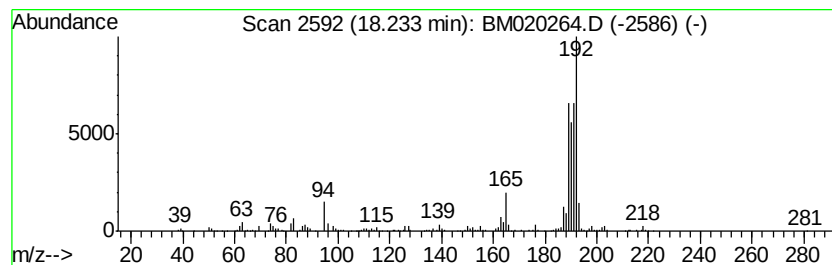
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.23	17.80 ng	1410360	Phenanthrene-d10		17.17	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020264.D
Acq On : 11 May 2019 06:18
Operator : JU/SJ
Sample : K2764-12
Misc :
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Instrument :
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ClientSampleId :
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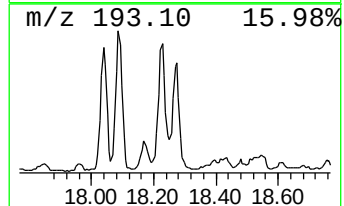
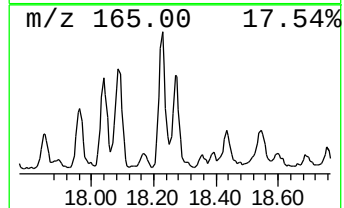
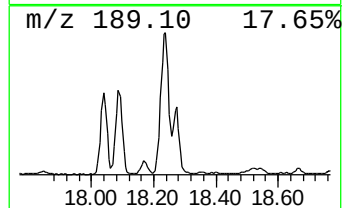
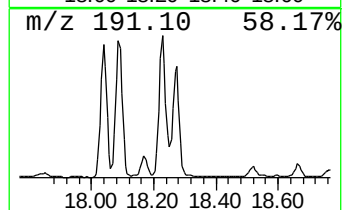
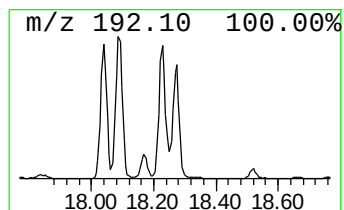
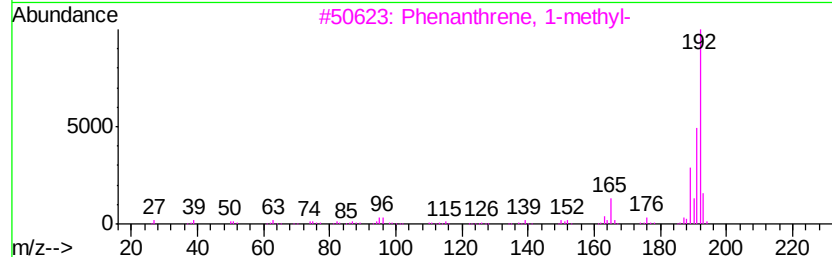
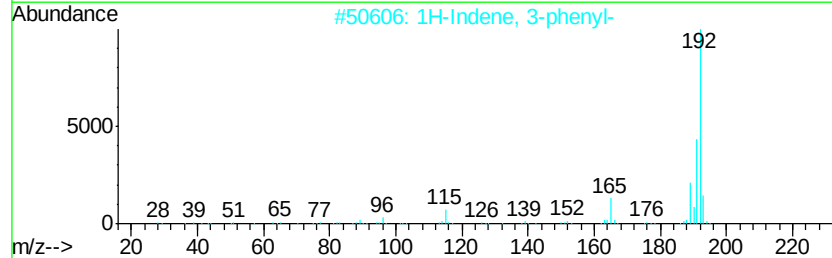
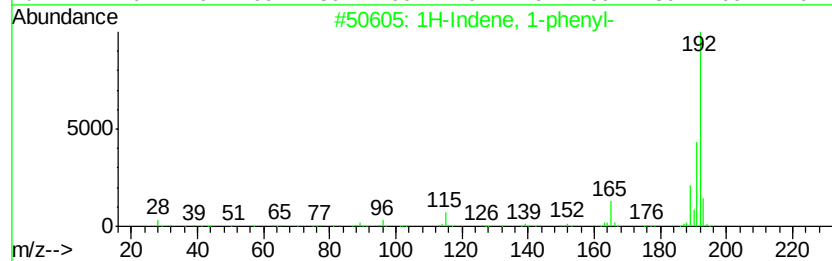
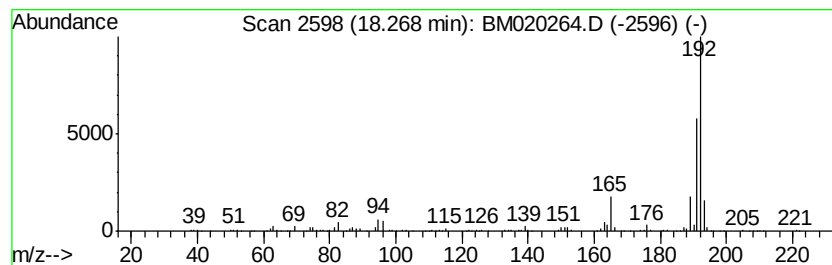
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 1-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	8.60 ng	681747	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
2		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020264.D
Acq On : 11 May 2019 06:18
Operator : JU/SJ
Sample : K2764-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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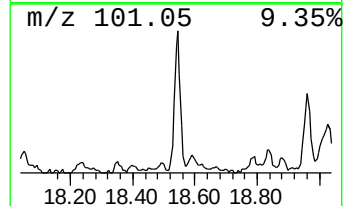
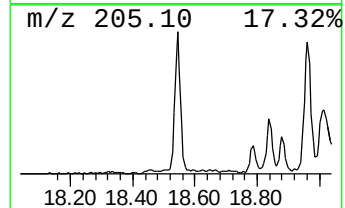
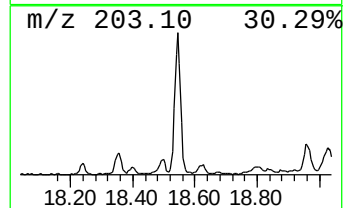
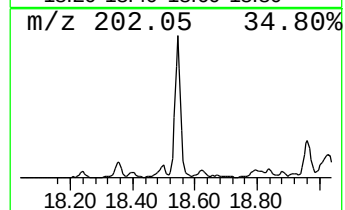
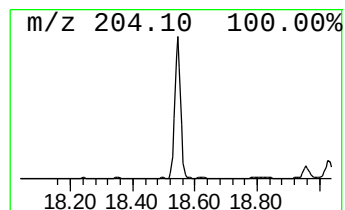
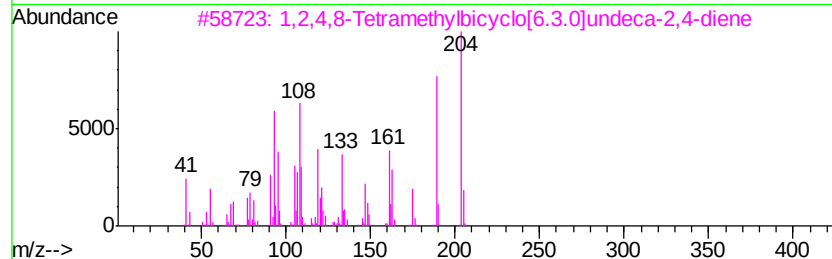
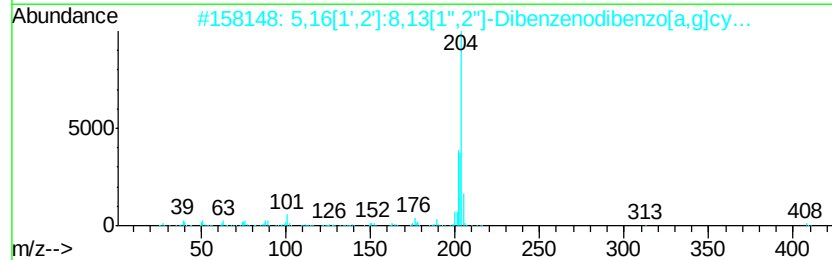
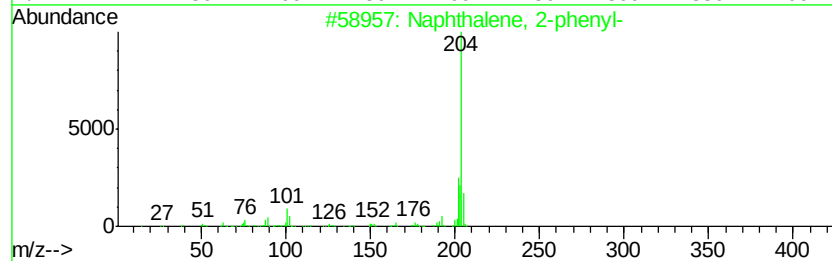
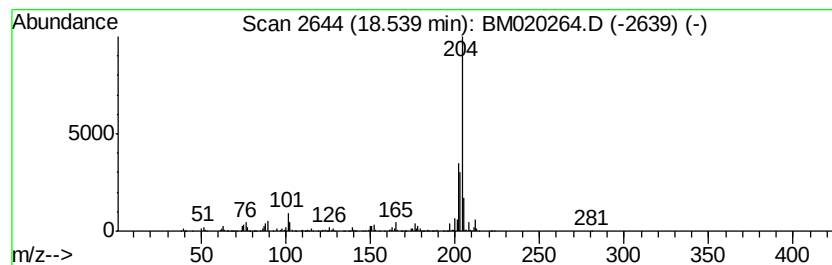
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	11.14 ng	883025	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	83
4		2-Phenylnaphthalene	204	C16H12	035465-71-5	64
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020264.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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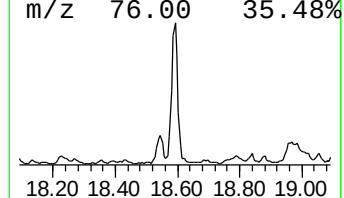
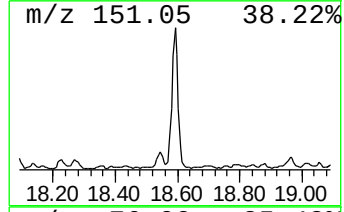
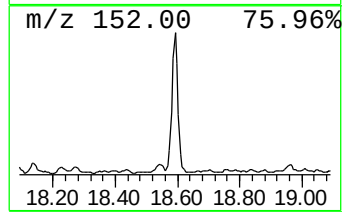
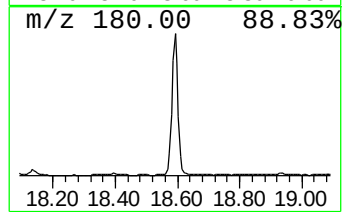
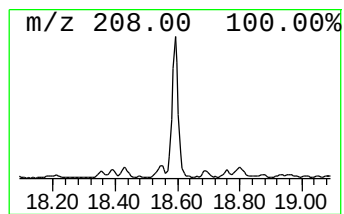
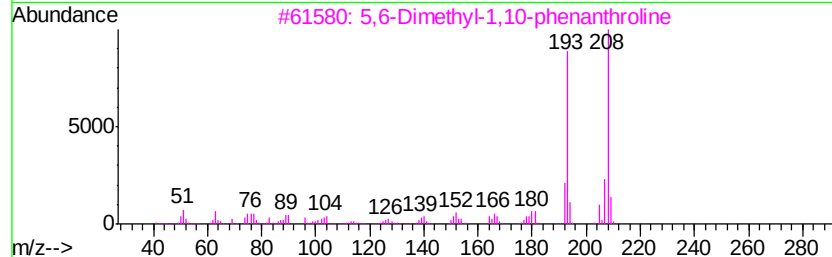
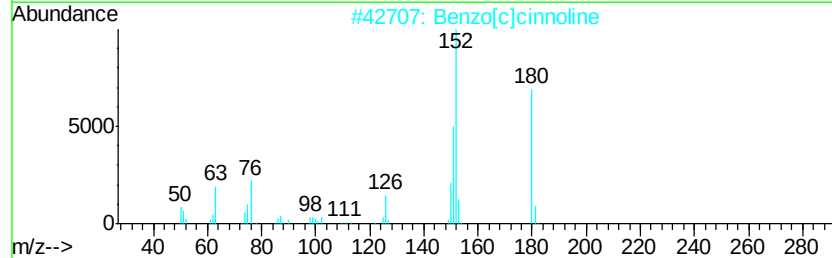
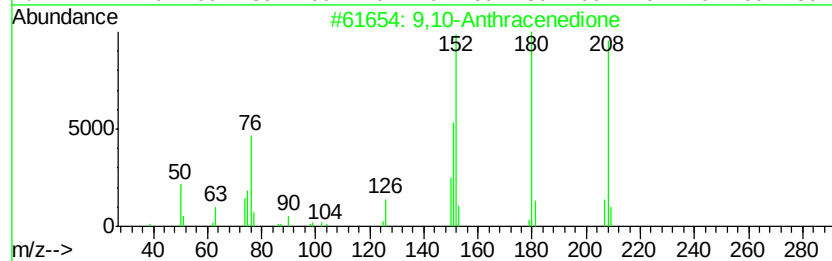
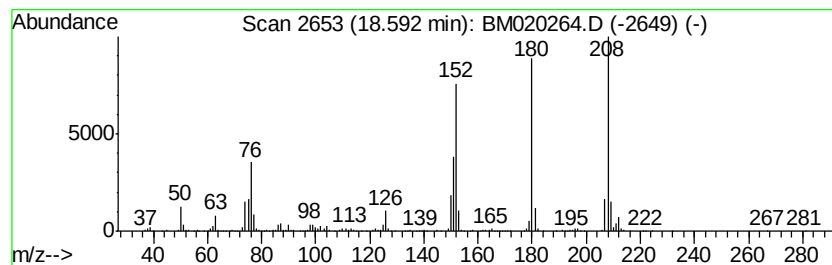
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	14.05 ng	1113800	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3		5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	64
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
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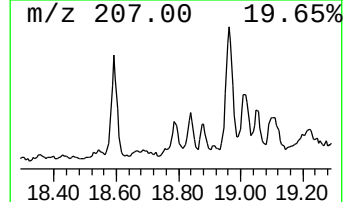
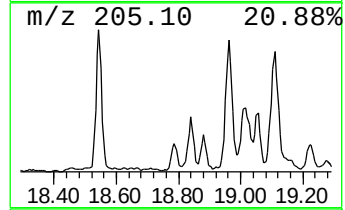
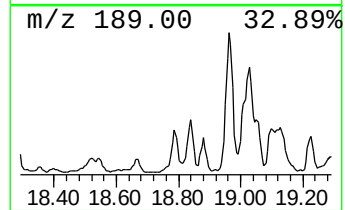
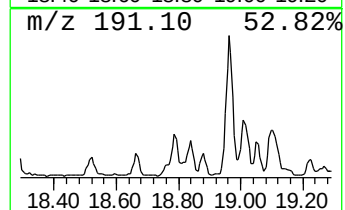
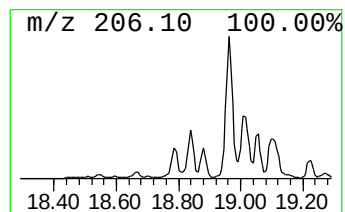
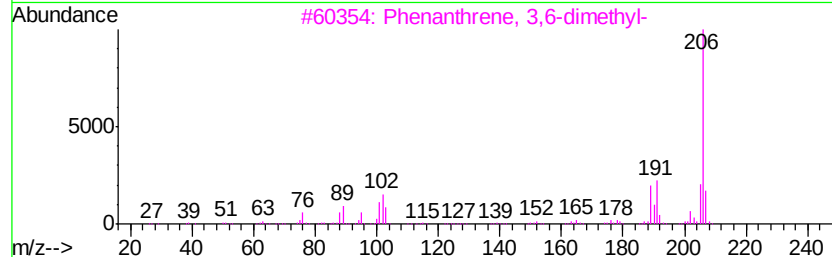
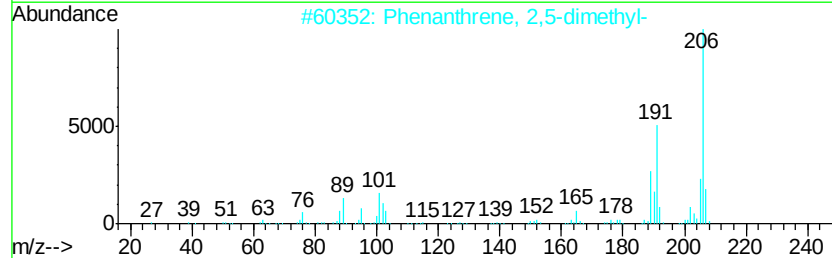
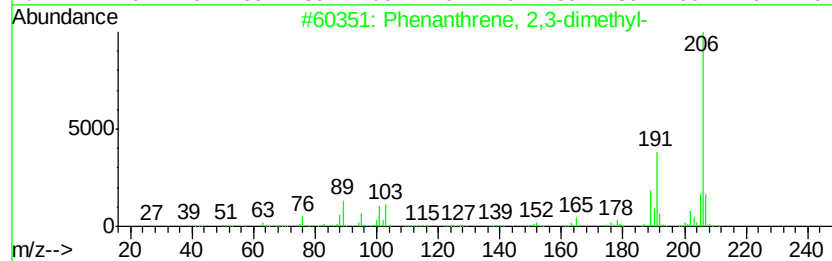
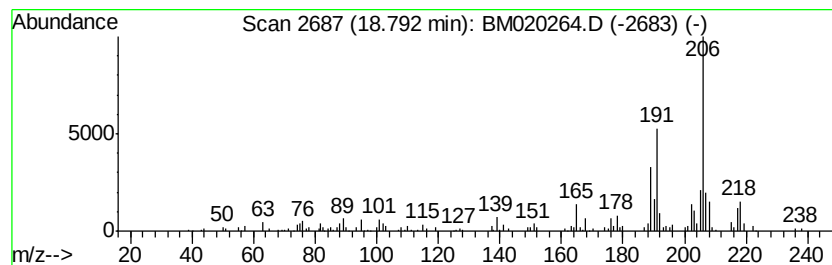
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.79	4.09 ng	324183	Phenanthrene-d10		17.17
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
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ClientSampleId :
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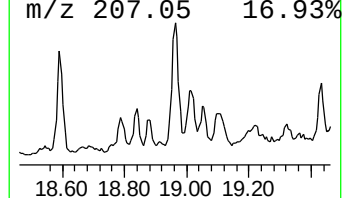
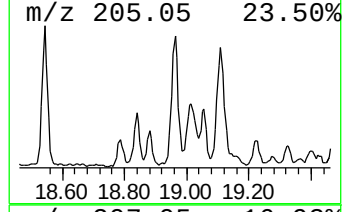
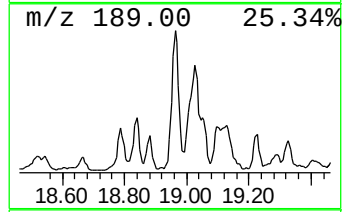
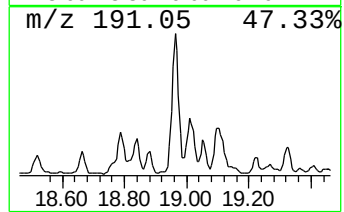
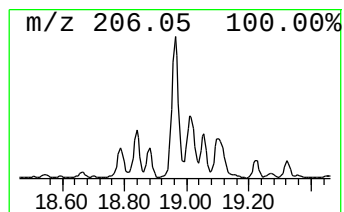
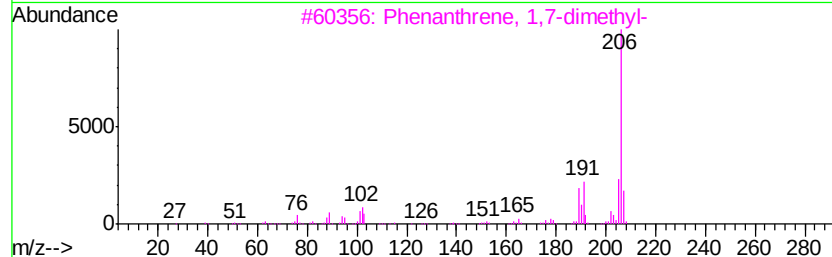
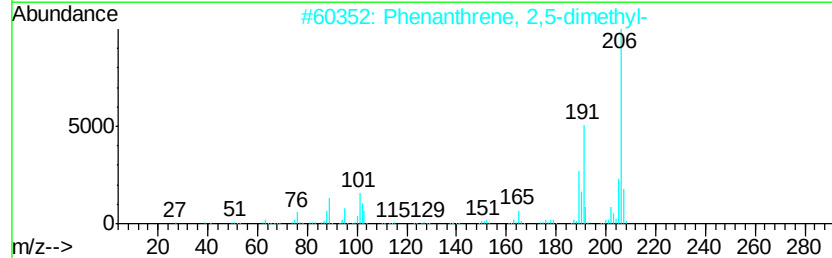
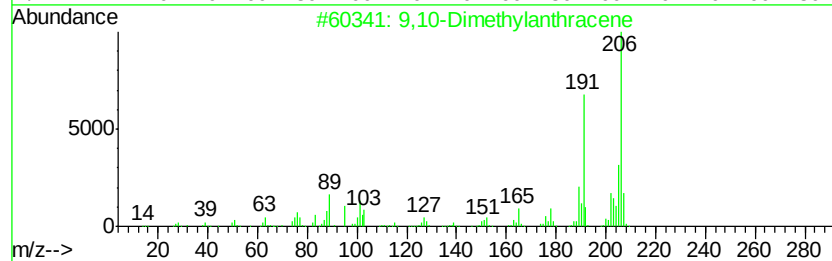
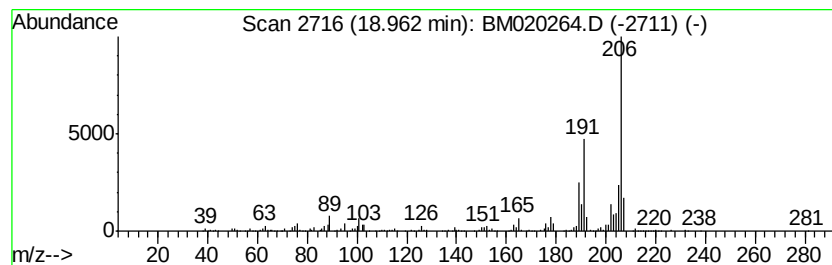
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	14.79 ng	1171960	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020264.D
Acq On : 11 May 2019 06:18
Operator : JU/SJ
Sample : K2764-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P026-SS001-0206-01

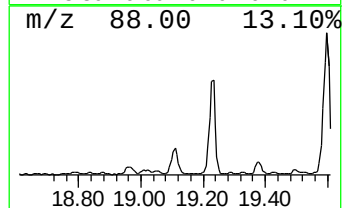
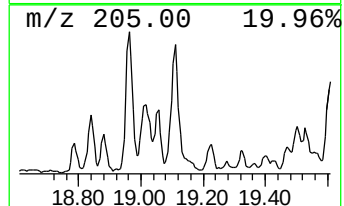
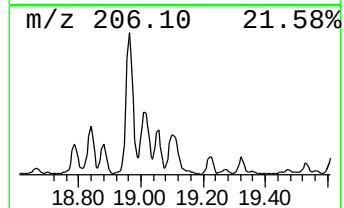
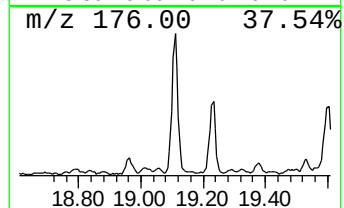
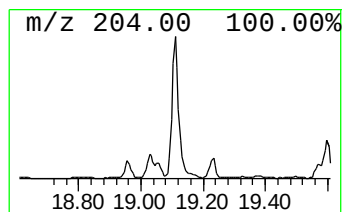
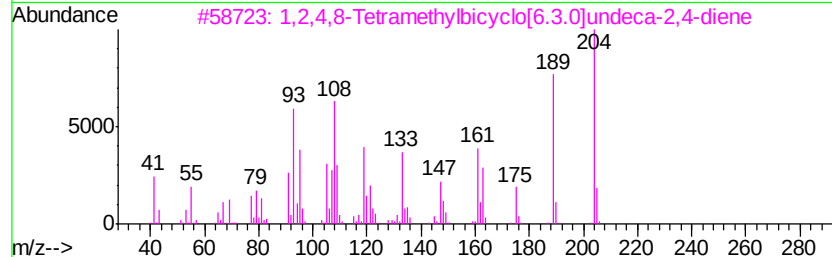
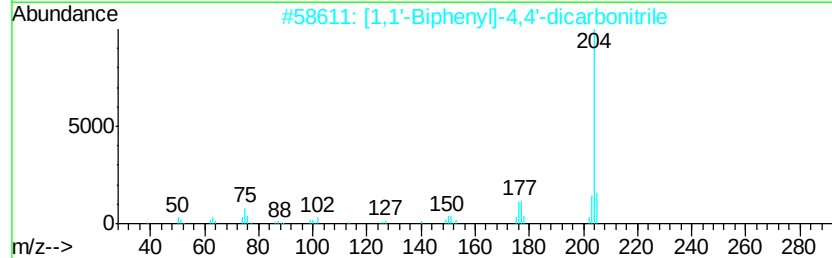
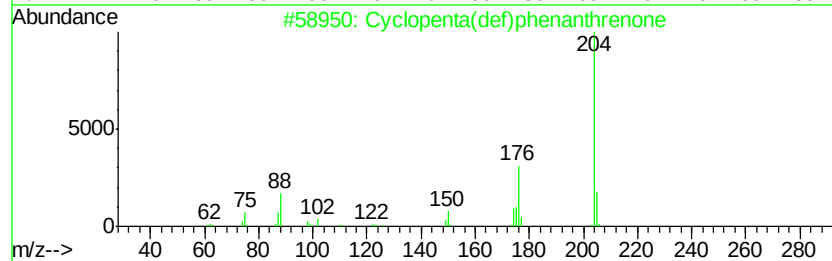
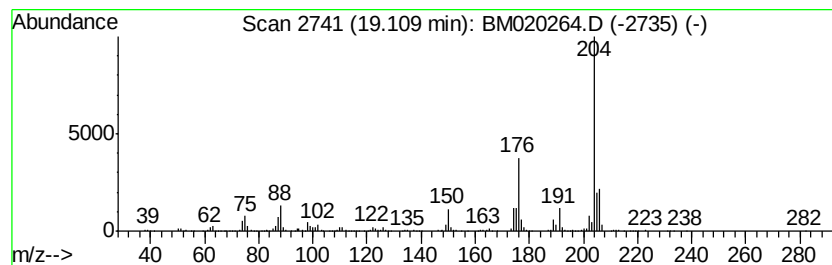
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	13.26 ng	1050500	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	49
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
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Sample : K2764-12
Misc :
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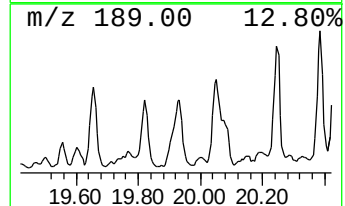
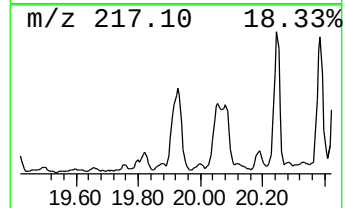
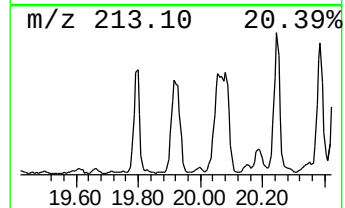
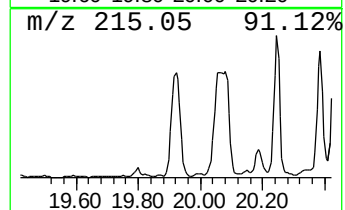
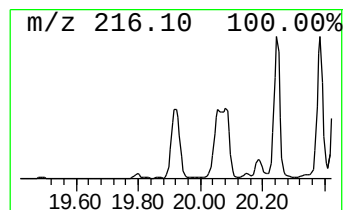
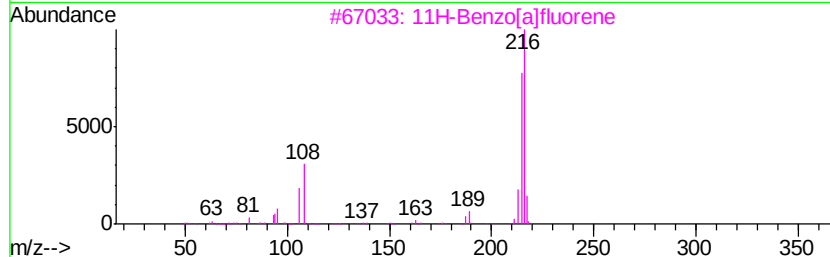
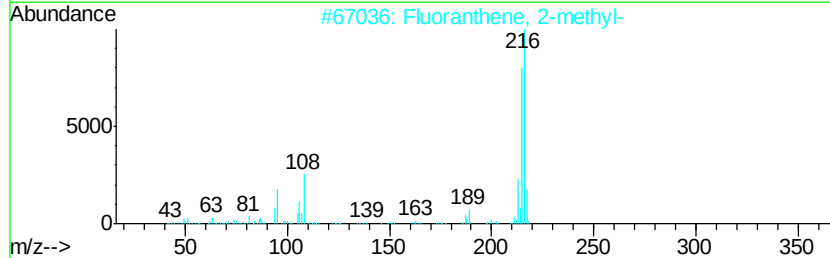
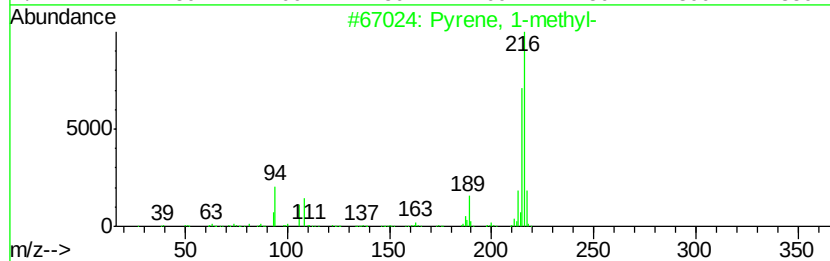
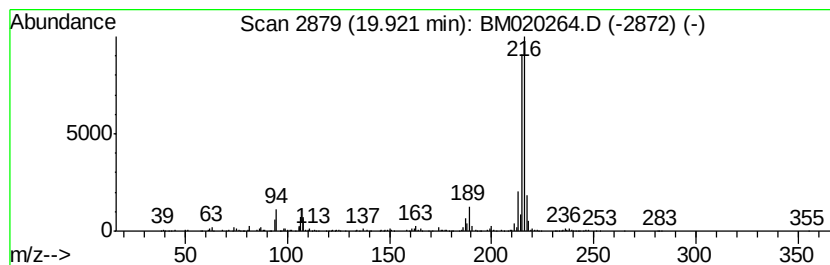
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	5.27 ng	1198210	Chrysene-d12	21.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 93
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020264.D
Acq On : 11 May 2019 06:18
Operator : JU/SJ
Sample : K2764-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

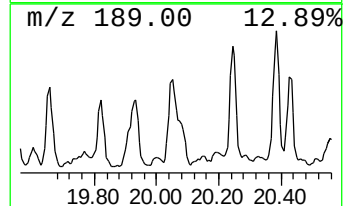
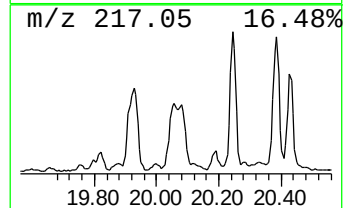
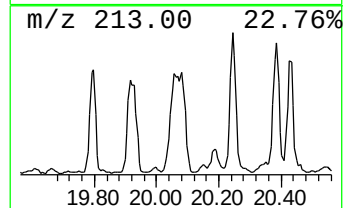
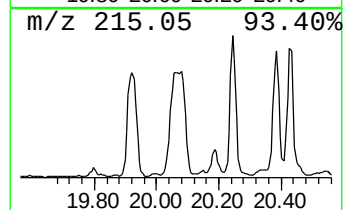
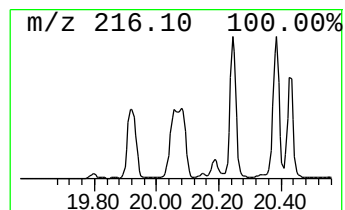
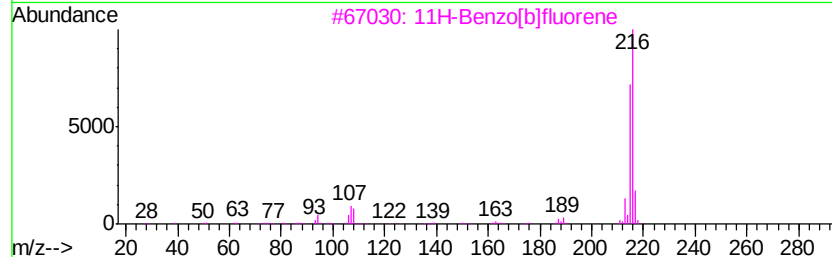
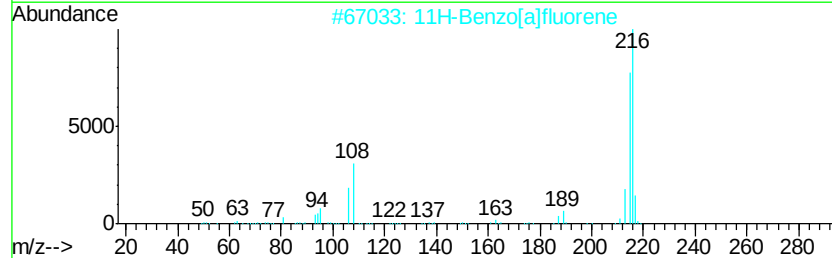
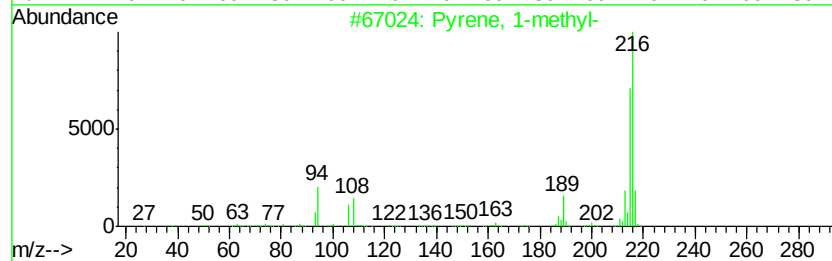
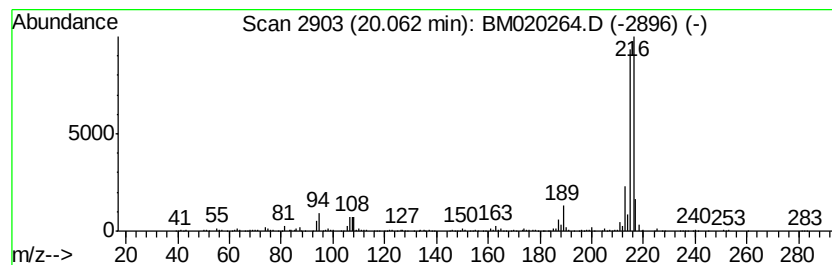
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	4.46 ng	1013750	Chrysene-d12	21.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 92
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 87
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 87
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
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Sample : K2764-12
Misc :
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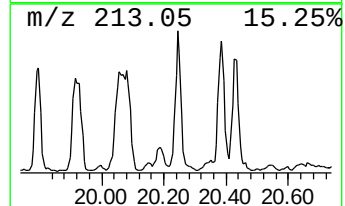
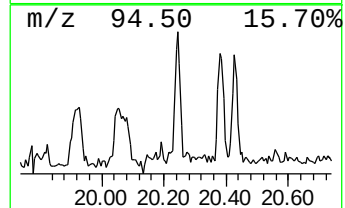
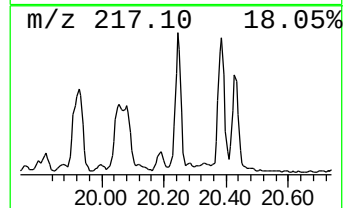
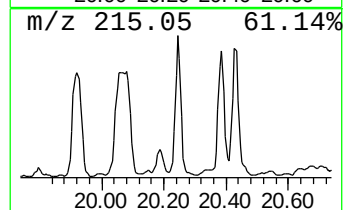
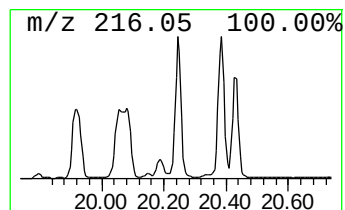
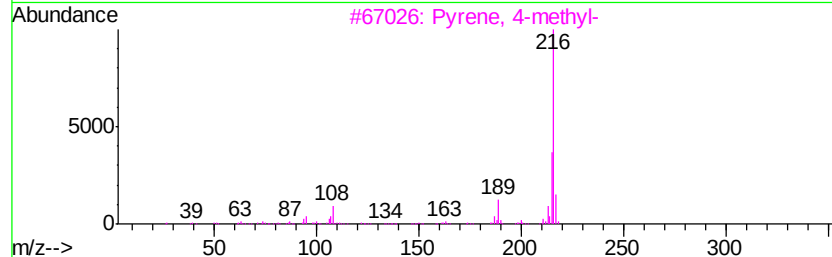
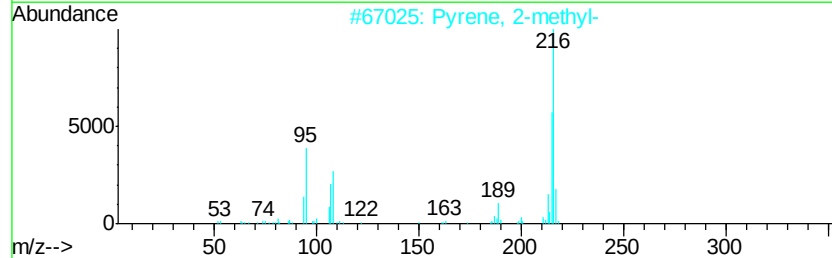
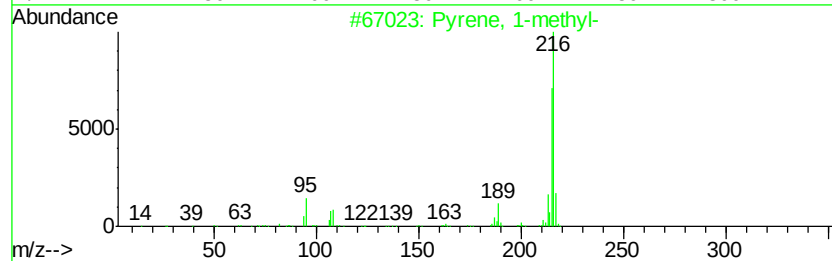
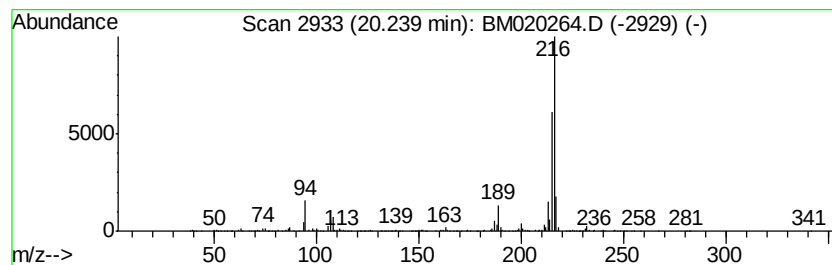
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.24	4.16 ng	945981	Chrysene-d12		21.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020264.D
Acq On : 11 May 2019 06:18
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Sample : K2764-12
Misc :
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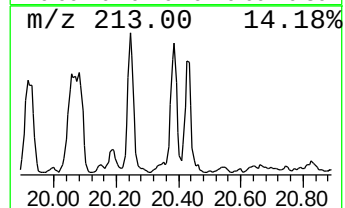
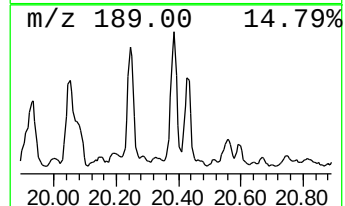
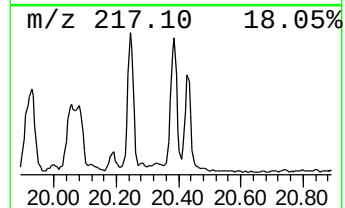
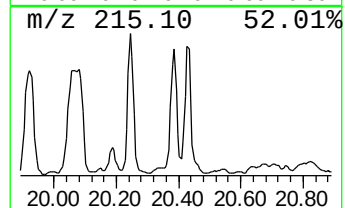
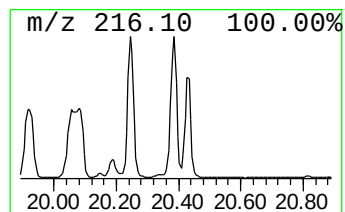
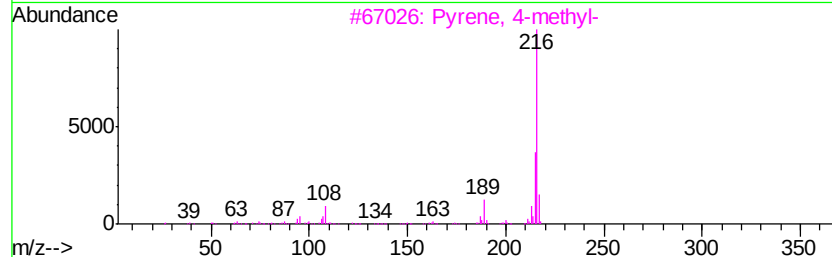
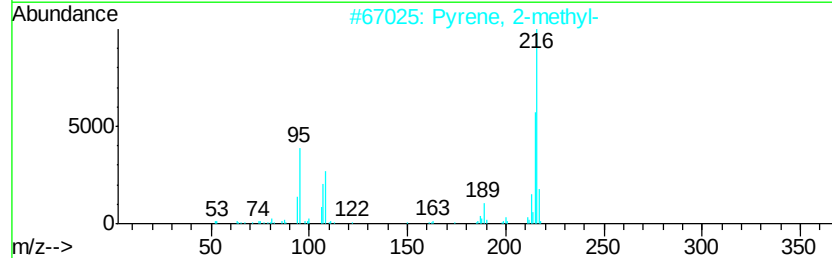
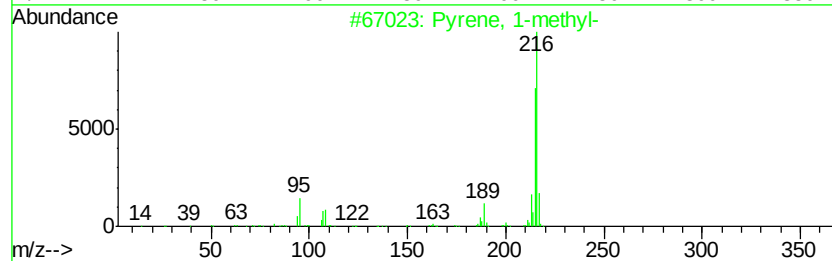
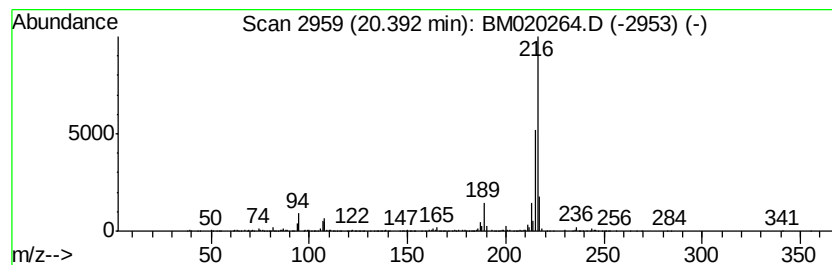
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.39	4.21 ng	956925	Chrysene-d12		21.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
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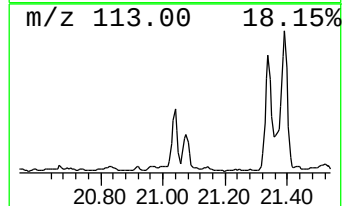
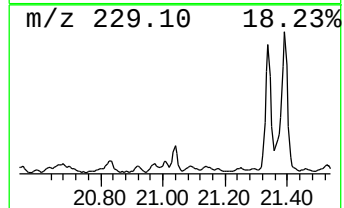
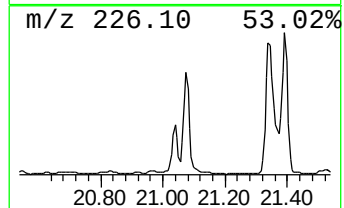
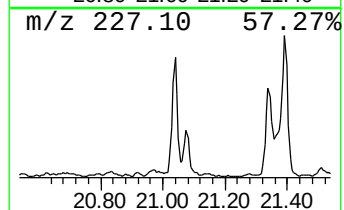
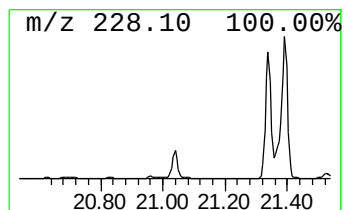
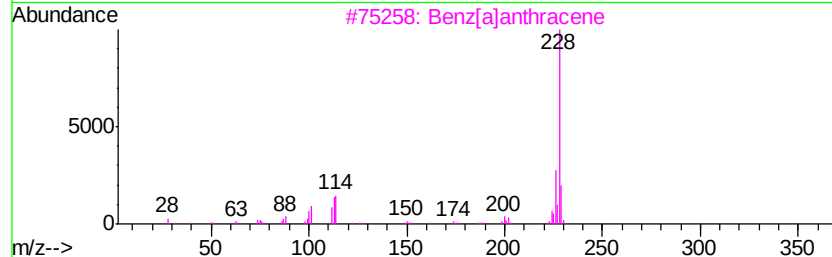
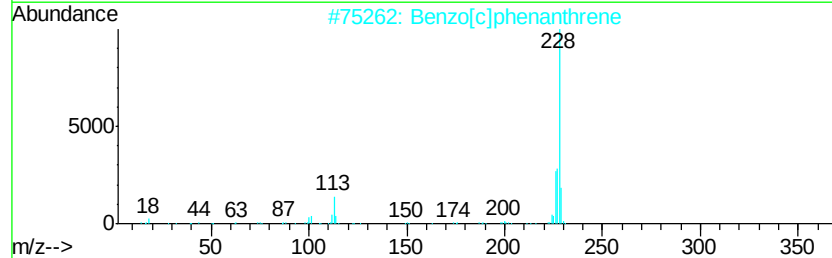
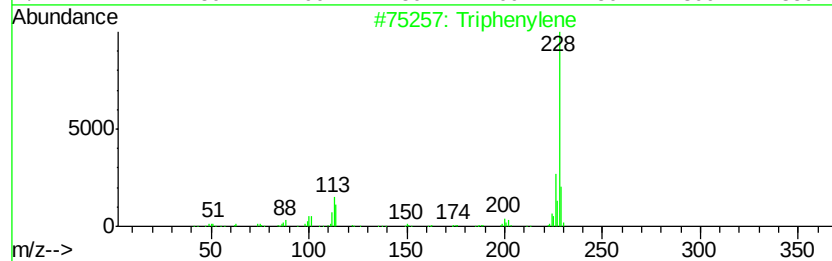
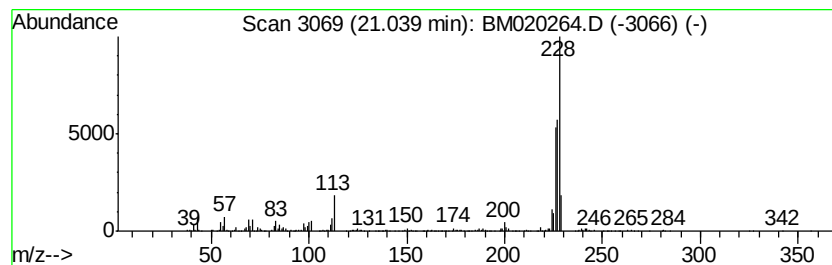
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Triphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.04	4.23 ng	961619	Chrysene-d12	21.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene	228	C18H12	000217-59-4	87
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
3	Benz[a]anthracene	228	C18H12	000056-55-3	55
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
5	Chrysene	228	C18H12	000218-01-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
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Misc :
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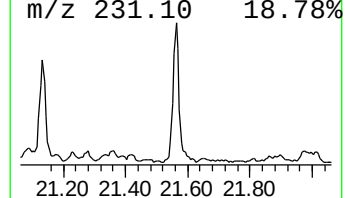
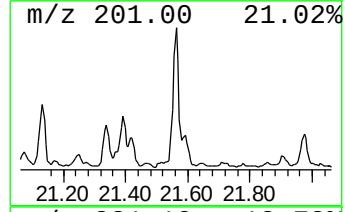
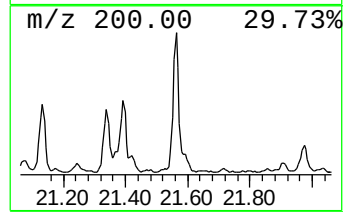
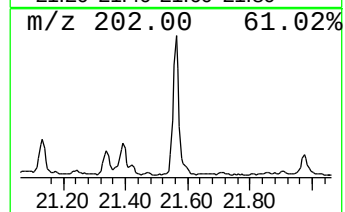
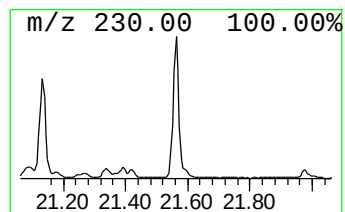
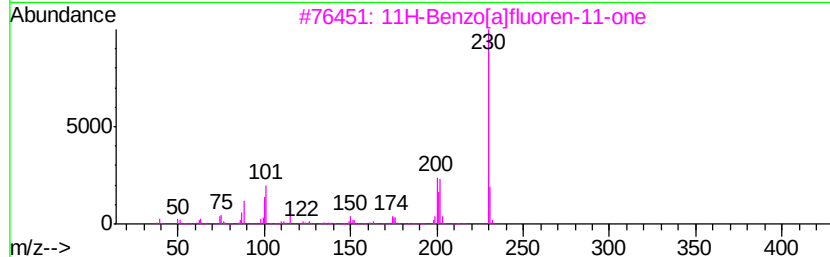
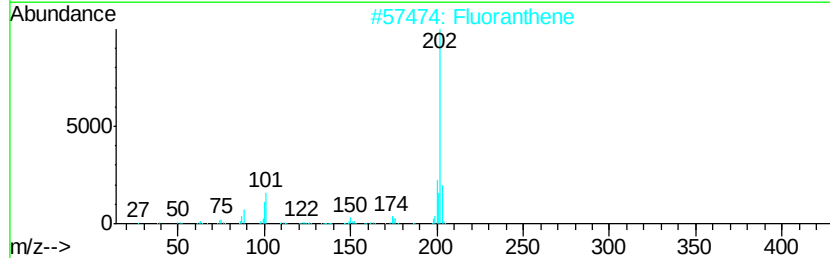
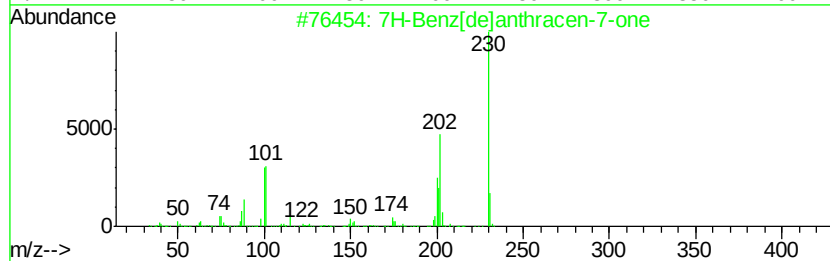
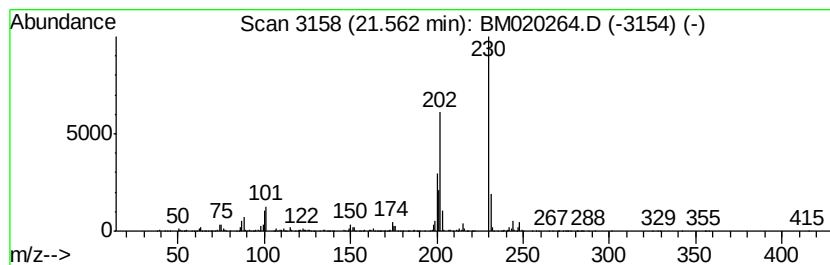
Instrument :
BNA_M
ClientSampleId :
P026-SS001-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.56	5.68 ng	1292060	Chrysene-d12	21.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
2	Fluoranthene	202	C16H10	000206-44-0	78
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	72
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	70
5	p-Terphenyl	230	C18H14	000092-94-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020264.D
Acq On : 11 May 2019 06:18
Operator : JU/SJ
Sample : K2764-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

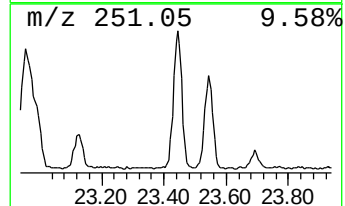
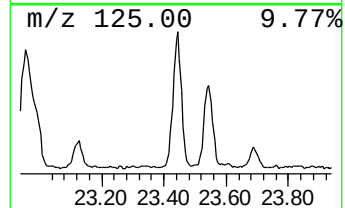
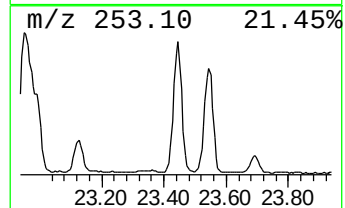
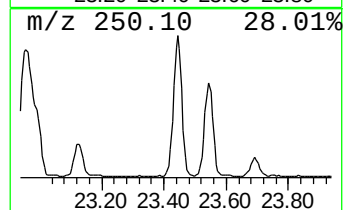
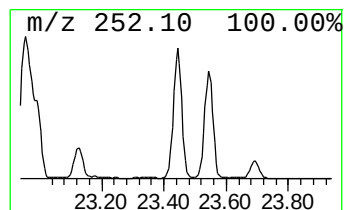
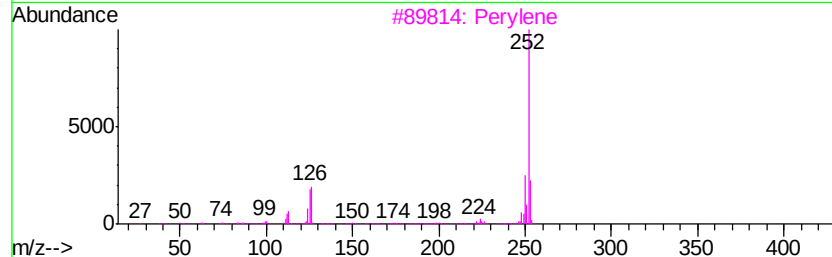
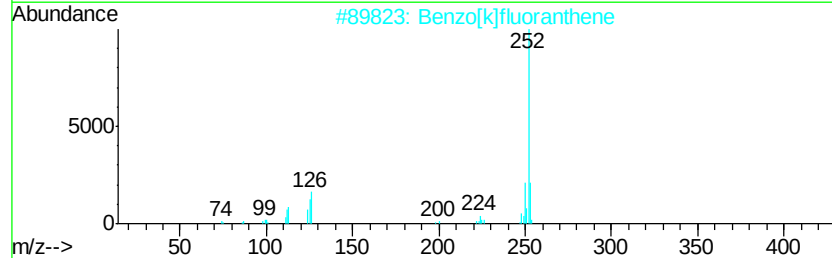
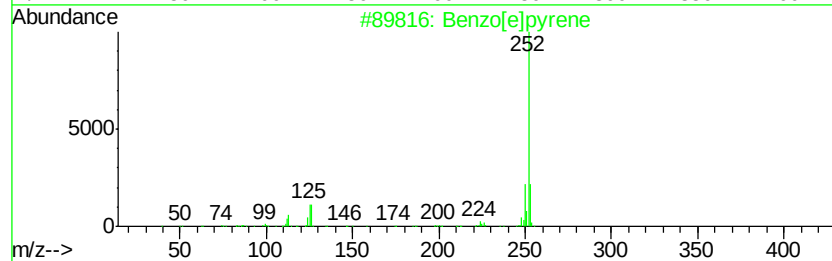
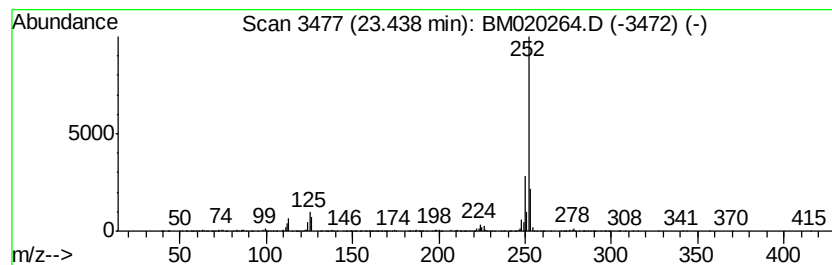
Instrument :
BNA_M
ClientSampleId :
P026-SS001-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.44	42.36 ng	1802710	Perylene-d12	23.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252 C20H12	000207-08-9	97
3	Perylene	252 C20H12	000198-55-0	94
4	Benzo[a]pyrene	252 C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020264.D
 Acq On : 11 May 2019 06:18
 Operator : JU/SJ
 Sample : K2764-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS001-0206-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown	7.30	124.5	ng	3799800	1	7.77	610584	20.0
Anthracene, 9-eth...	17.69	4.0	ng	317574	4	17.17	1585030	20.0
Phenanthrene, 1-m...	18.04	16.3	ng	1292330	4	17.17	1585030	20.0
Phenanthrene, 2-m...	18.09	12.1	ng	956721	4	17.17	1585030	20.0
Phenanthrene, 4-m...	18.23	17.8	ng	1410360	4	17.17	1585030	20.0
1H-Indene, 1-phenyl-	18.27	8.6	ng	681747	4	17.17	1585030	20.0
Naphthalene, 2-ph...	18.54	11.1	ng	883025	4	17.17	1585030	20.0
9,10-Anthracenedione	18.59	14.1	ng	1113800	4	17.17	1585030	20.0
Phenanthrene, 2,3...	18.79	4.1	ng	324183	4	17.17	1585030	20.0
9,10-Dimethylanthe...	18.96	14.8	ng	1171960	4	17.17	1585030	20.0
Cyclopenta(def)ph...	19.11	13.3	ng	1050500	4	17.17	1585030	20.0
Pyrene, 1-methyl-	19.92	5.3	ng	1198210	5	21.36	4547910	20.0
11H-Benzo[a]fluorene	20.06	4.5	ng	1013750	5	21.36	4547910	20.0
Pyrene, 2-methyl-	20.24	4.2	ng	945981	5	21.36	4547910	20.0
Pyrene, 4-methyl-	20.39	4.2	ng	956925	5	21.36	4547910	20.0
Triphenylene	21.04	4.2	ng	961619	5	21.36	4547910	20.0
7H-Benz[de]anthra...	21.56	5.7	ng	1292060	5	21.36	4547910	20.0
Benzo[e]pyrene	23.44	42.4	ng	1802710	6	23.64	851116	20.0