

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019918.D
 Acq On : 28 Feb 2024 16:03
 Operator : MA/JU
 Sample : P1602-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019918.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.011	320	327	337	rVB	38515	61041	1.48%	0.112%
2	5.463	396	404	414	rBV	1142812	1708007	41.49%	3.122%
3	7.063	668	676	691	rBV	1114870	1868857	45.40%	3.416%
4	7.887	808	816	825	rBV	369753	604857	14.69%	1.106%
5	9.063	1008	1016	1026	rBV	710022	1210698	29.41%	2.213%
6	10.693	1285	1293	1299	rBV	473882	815231	19.80%	1.490%
7	12.357	1570	1576	1584	rVB	28788	49733	1.21%	0.091%
8	12.575	1606	1613	1623	rVB	45779	81086	1.97%	0.148%
9	13.157	1705	1712	1722	rBV	1734912	2680272	65.11%	4.899%
10	13.716	1799	1807	1811	rBV3	31203	76552	1.86%	0.140%
11	13.857	1824	1831	1836	rBV	90107	165702	4.03%	0.303%
12	13.910	1836	1840	1849	rVB3	48394	83801	2.04%	0.153%
13	13.992	1849	1854	1864	rBV	75625	126587	3.08%	0.231%
14	14.092	1865	1871	1874	rBV	50856	72929	1.77%	0.133%
15	14.257	1892	1899	1912	rBV	361884	582838	14.16%	1.065%
16	14.410	1920	1925	1935	rBV4	16940	46096	1.12%	0.084%
17	14.534	1939	1946	1952	rVV	758851	1149024	27.91%	2.100%
18	14.598	1952	1957	1965	rVB2	29039	59640	1.45%	0.109%
19	14.757	1977	1984	1990	rBV5	42484	108400	2.63%	0.198%
20	14.934	2006	2014	2022	rBV	60392	122754	2.98%	0.224%
21	15.016	2023	2028	2033	rVB	70068	102633	2.49%	0.188%
22	15.151	2044	2051	2057	rBV3	88657	193082	4.69%	0.353%
23	15.210	2057	2061	2064	rVB2	37651	52101	1.27%	0.095%
24	15.410	2090	2095	2102	rVB	73701	116804	2.84%	0.214%
25	15.533	2112	2116	2120	rVB2	51749	65295	1.59%	0.119%
26	15.586	2120	2125	2129	rBV2	87948	172182	4.18%	0.315%
27	15.798	2156	2161	2169	rVB4	37510	74950	1.82%	0.137%
28	15.881	2170	2175	2180	rBV3	42962	90848	2.21%	0.166%
29	15.933	2181	2184	2192	rVB4	46926	80787	1.96%	0.148%
30	16.033	2192	2201	2209	rBV	1765372	2619555	63.64%	4.788%
31	16.269	2235	2241	2249	rBV3	86286	162283	3.94%	0.297%
32	16.598	2290	2297	2301	rBV4	84890	197509	4.80%	0.361%
33	16.645	2302	2305	2311	rVV	82141	124978	3.04%	0.228%
34	16.704	2311	2315	2318	rVV4	28658	45466	1.10%	0.083%
35	16.745	2318	2322	2328	rVB3	47237	80255	1.95%	0.147%
36	16.828	2333	2336	2339	rVV2	31269	42277	1.03%	0.077%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.869	2340	2343	2349	rVB3	39663	56824	1.38%	0.104%
38	16.957	2354	2358	2364	rVB2	88150	136802	3.32%	0.250%
39	17.028	2366	2370	2374	rBV2	29228	53038	1.29%	0.097%
40	17.116	2380	2385	2393	rVB	133929	214071	5.20%	0.391%
41	17.298	2410	2416	2420	rBV	916732	1387913	33.72%	2.537%
42	17.339	2420	2423	2433	rVV	1217937	1772259	43.05%	3.239%
43	17.433	2434	2439	2444	rVB	226287	305325	7.42%	0.558%
44	17.492	2444	2449	2454	rBV2	88614	181939	4.42%	0.333%
45	17.580	2460	2464	2467	rBV2	25204	50311	1.22%	0.092%
46	17.716	2482	2487	2494	rBV4	57178	133309	3.24%	0.244%
47	17.822	2503	2505	2508	rVB	53712	52716	1.28%	0.096%
48	17.880	2511	2515	2522	rVB2	203462	309492	7.52%	0.566%
49	17.986	2529	2533	2535	rBV4	33920	50220	1.22%	0.092%
50	18.022	2535	2539	2545	rVB2	108294	200865	4.88%	0.367%
51	18.092	2547	2551	2556	rBV2	59250	91197	2.22%	0.167%
52	18.169	2559	2564	2567	rVV	554247	836758	20.33%	1.529%
53	18.216	2567	2572	2577	rVB2	750890	1445211	35.11%	2.642%
54	18.298	2579	2586	2590	rBV3	126465	216638	5.26%	0.396%
55	18.351	2590	2595	2599	rVV2	632866	1055990	25.65%	1.930%
56	18.392	2599	2602	2611	rVB	490918	671689	16.32%	1.228%
57	18.480	2613	2617	2619	rBV4	68741	97528	2.37%	0.178%
58	18.551	2625	2629	2634	rVB2	117800	159080	3.86%	0.291%
59	18.616	2637	2640	2642	rVV3	48284	72263	1.76%	0.132%
60	18.657	2642	2647	2650	rVV2	289433	452005	10.98%	0.826%
61	18.704	2650	2655	2664	rVB	309995	523734	12.72%	0.957%
62	18.863	2679	2682	2684	rBV2	92353	114193	2.77%	0.209%
63	18.892	2684	2687	2691	rVV2	128248	191426	4.65%	0.350%
64	18.939	2692	2695	2699	rVV	184133	234549	5.70%	0.429%
65	18.980	2699	2702	2706	rVB2	156699	194374	4.72%	0.355%
66	19.057	2710	2715	2719	rBV	545066	841699	20.45%	1.539%
67	19.116	2720	2725	2728	rVV3	223536	441550	10.73%	0.807%
68	19.151	2728	2731	2734	rVB	196983	236927	5.76%	0.433%
69	19.198	2734	2739	2745	rBV4	275080	572805	13.92%	1.047%
70	19.316	2754	2759	2764	rVB	1774209	2311885	56.16%	4.226%
71	19.380	2766	2770	2773	rBV	134805	192214	4.67%	0.351%
72	19.410	2773	2775	2777	rVV2	106399	118460	2.88%	0.217%
73	19.463	2781	2784	2788	rVB	272200	328787	7.99%	0.601%
74	19.516	2789	2793	2796	rBV2	110578	163383	3.97%	0.299%
75	19.551	2796	2799	2802	rBV	105300	106935	2.60%	0.195%
76	19.669	2810	2819	2827	rBV	1953111	3037332	73.79%	5.552%

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.745	2827	2832	2836	rVB2	211101	319249	7.76%	0.584%
78	19.874	2849	2854	2864	rVB	3012776	4116430	100.00%	7.524%
79	19.986	2868	2873	2884	rBV6	291274	789591	19.18%	1.443%
80	20.069	2884	2887	2890	rVV3	127786	168075	4.08%	0.307%
81	20.121	2891	2896	2898	rVV4	279358	510141	12.39%	0.932%
82	20.151	2898	2901	2908	rVB	448593	657251	15.97%	1.201%
83	20.251	2915	2918	2922	rVB	202845	236630	5.75%	0.433%
84	20.310	2924	2928	2932	rVB	390757	513069	12.46%	0.938%
85	20.445	2947	2951	2955	rBV	328051	402635	9.78%	0.736%
86	20.486	2955	2958	2963	rVB	312420	393941	9.57%	0.720%
87	20.886	3023	3026	3033	rVB	294085	455854	11.07%	0.833%
88	21.051	3047	3054	3058	rBV3	309181	598541	14.54%	1.094%
89	21.086	3058	3060	3063	rVV	189772	195078	4.74%	0.357%
90	21.121	3063	3066	3072	rVV2	363153	526071	12.78%	0.962%
91	21.186	3074	3077	3082	rVB	201280	278053	6.75%	0.508%
92	21.398	3107	3113	3117	rBV3	1420357	2974783	72.27%	5.438%
93	21.439	3117	3120	3130	rVB2	1139552	1836156	44.61%	3.356%
94	21.621	3148	3151	3159	rBV5	166759	327658	7.96%	0.599%
95	21.986	3210	3213	3218	rVB	367080	501701	12.19%	0.917%
96	22.192	3245	3248	3252	rBV	175352	253033	6.15%	0.463%
97	23.092	3396	3401	3407	rBV2	444913	1070550	26.01%	1.957%
98	23.721	3504	3508	3516	rVB	530731	1044749	25.38%	1.910%
99	23.827	3521	3526	3532	rVB	513334	1030288	25.03%	1.883%

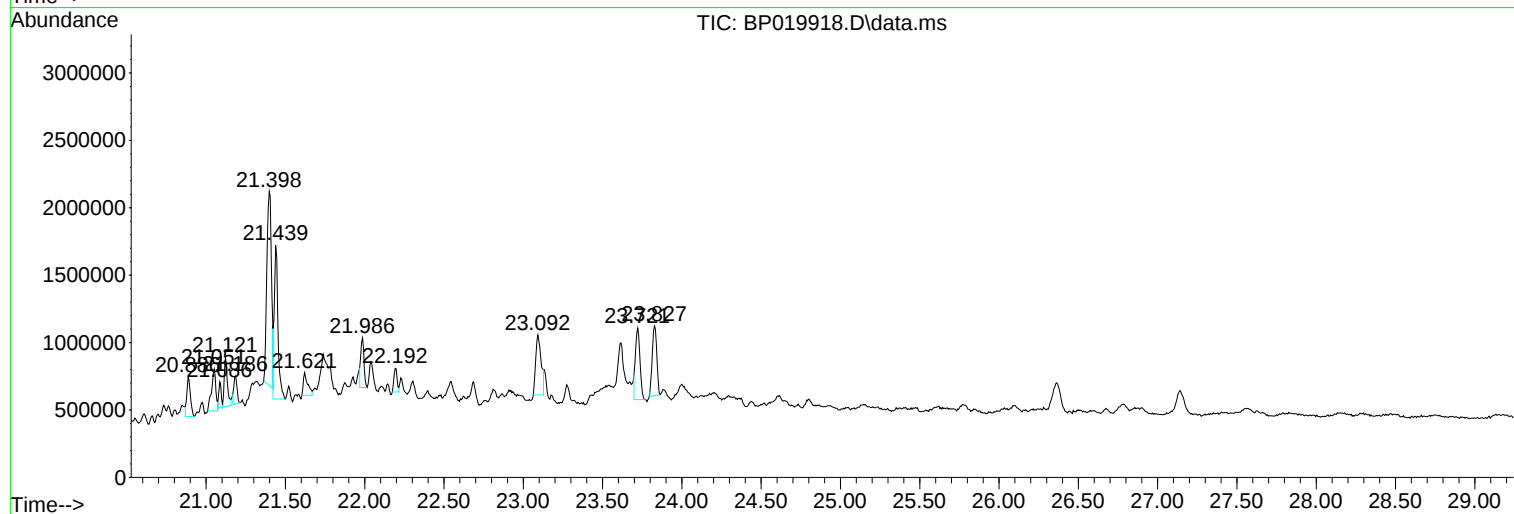
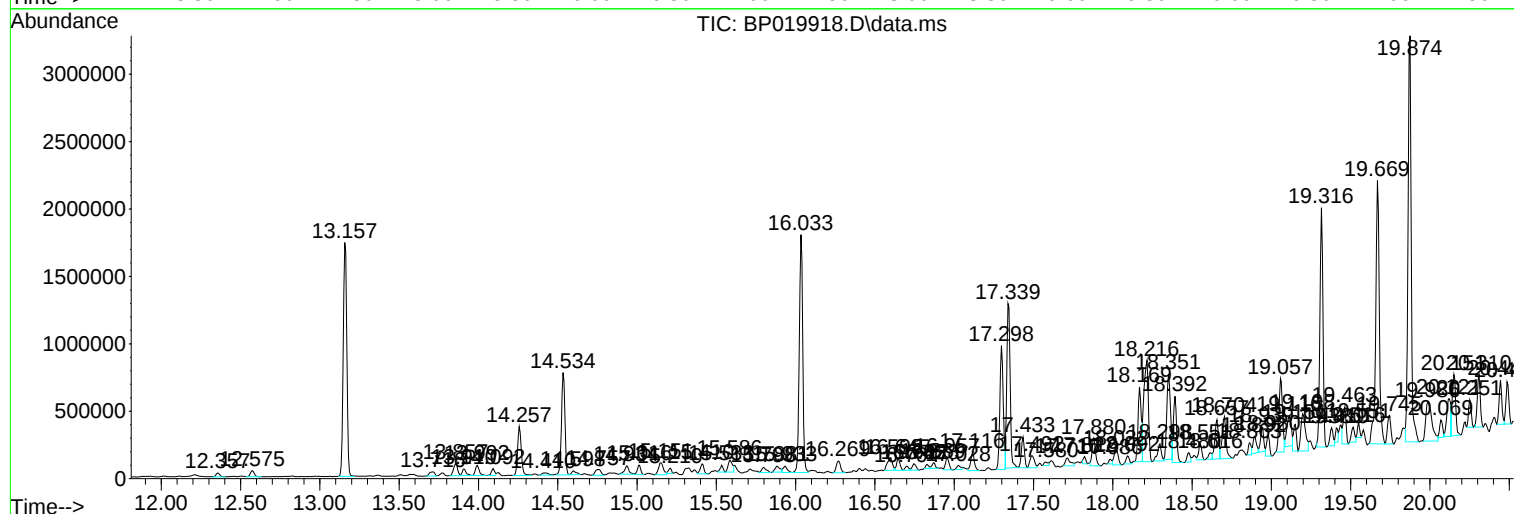
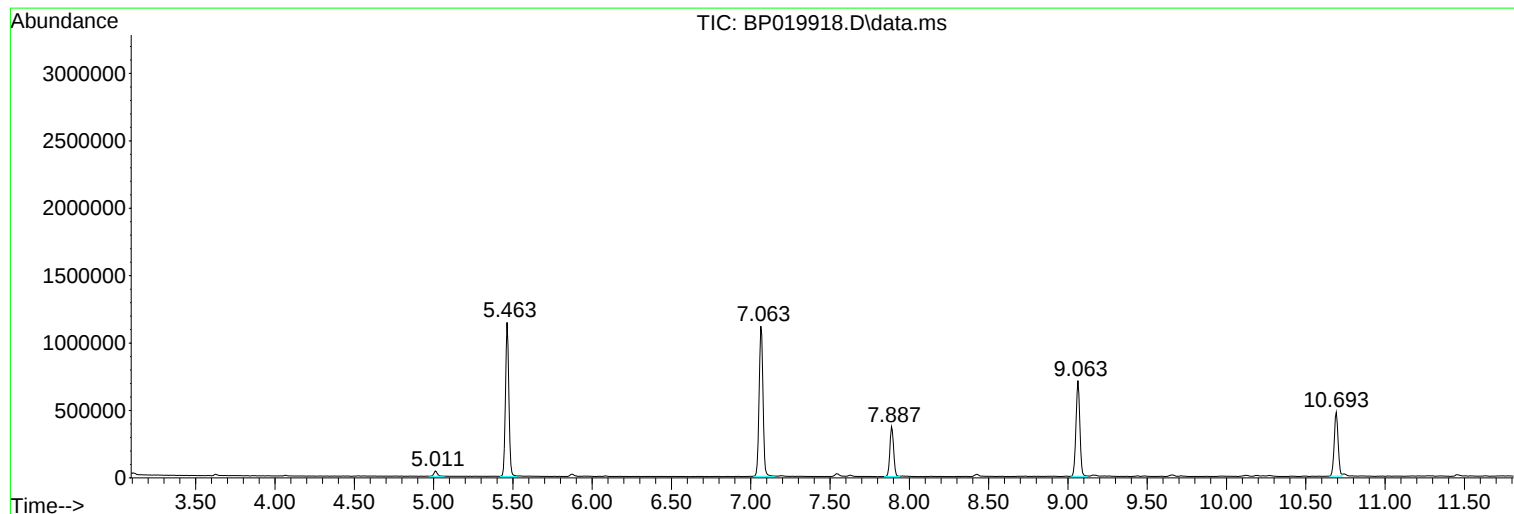
Sum of corrected areas: 54708333

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Instrument :
BNA_P
ClientSampleId :
WC-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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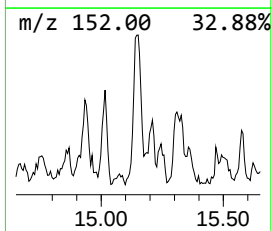
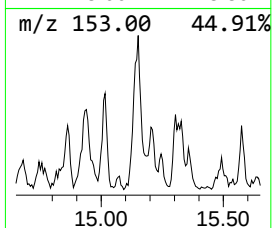
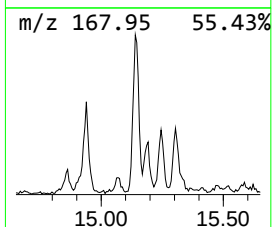
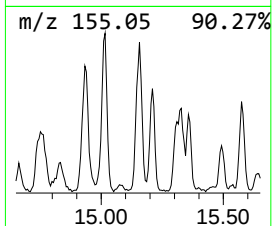
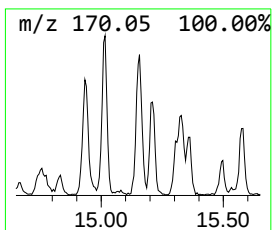
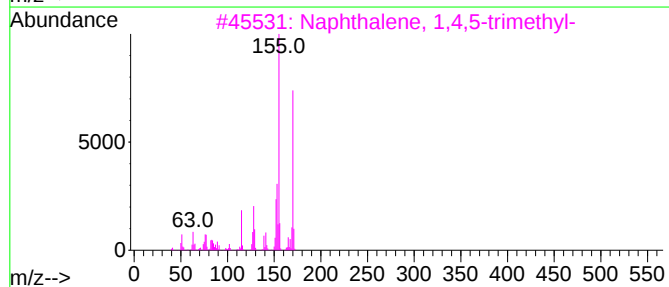
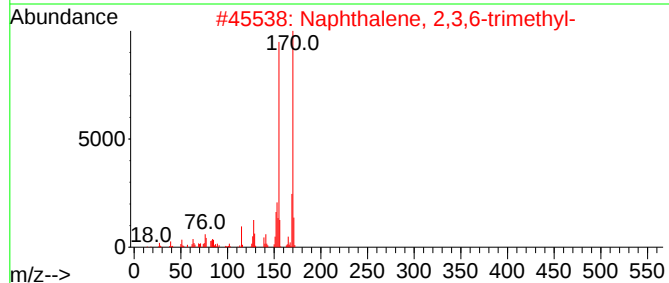
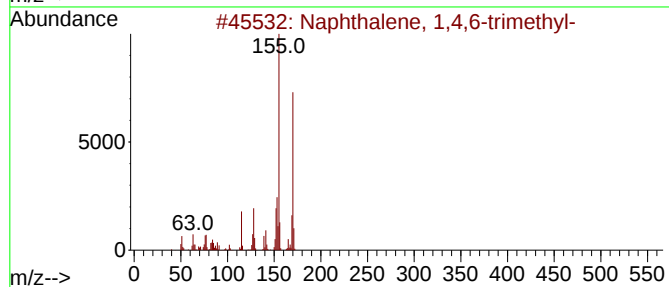
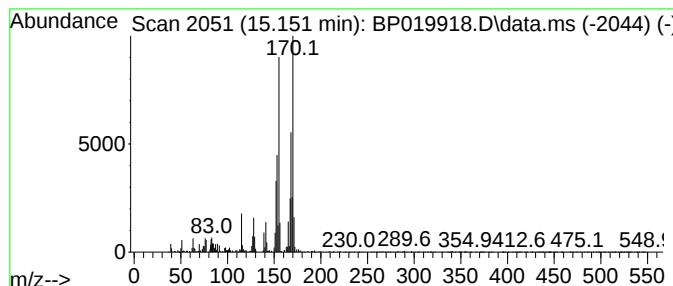
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	3.36 ng	193082	Acenaphthene-d10	14.534

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83



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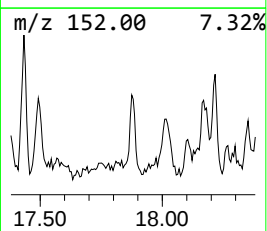
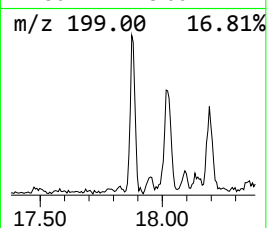
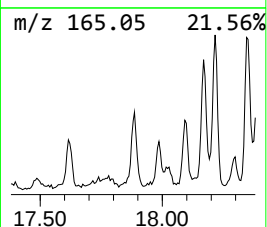
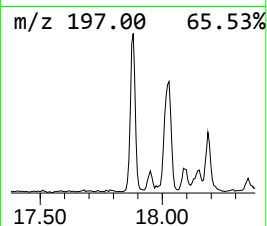
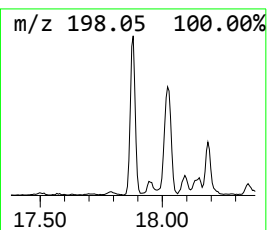
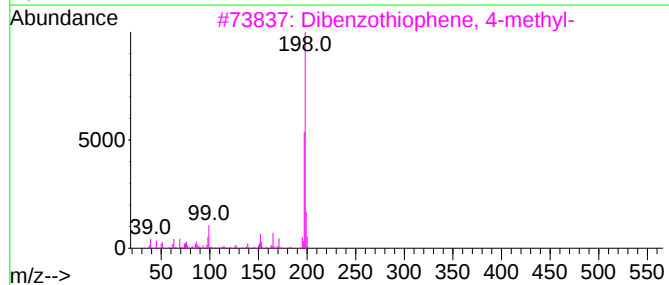
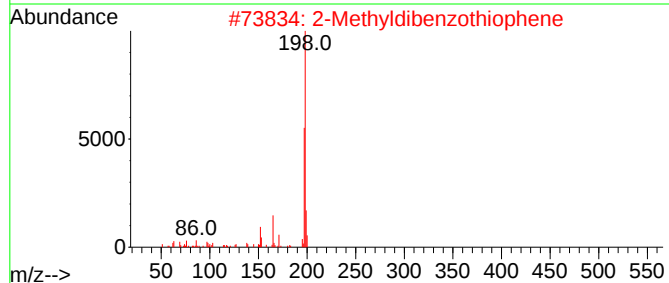
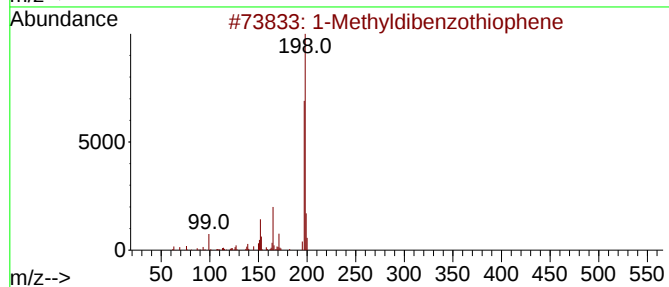
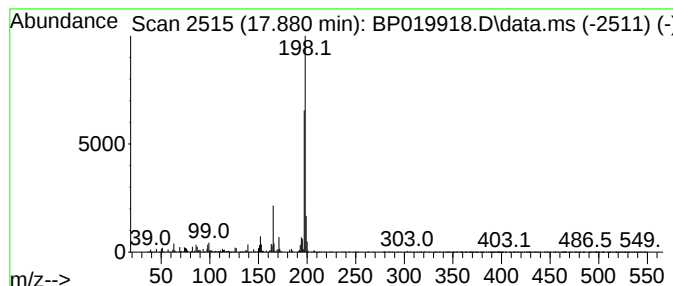
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Methyldibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.880	4.46 ng	309492	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	91
2			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
3			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
4			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	83
5			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64



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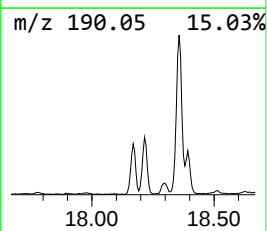
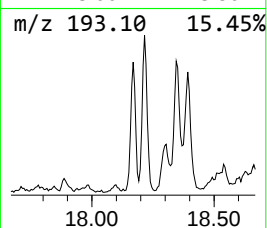
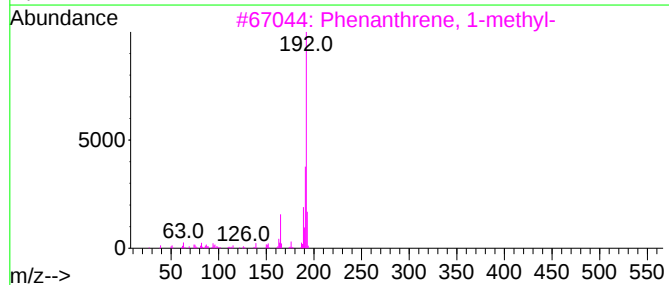
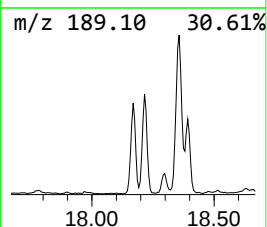
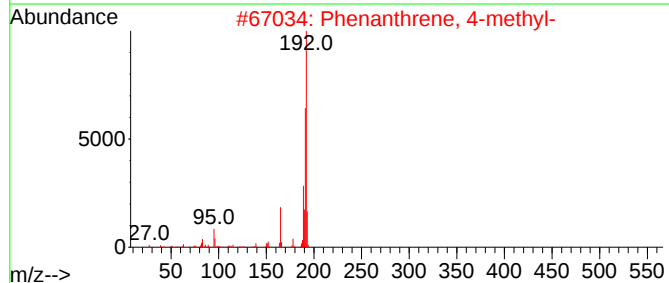
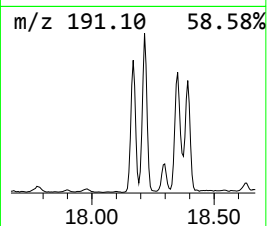
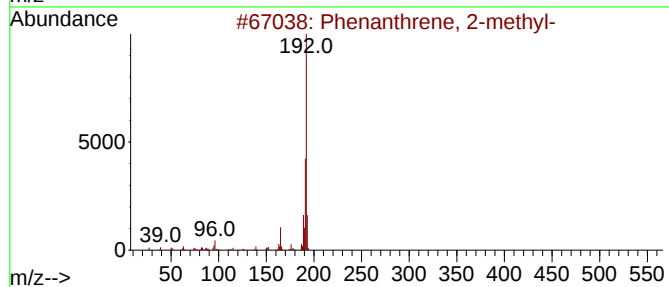
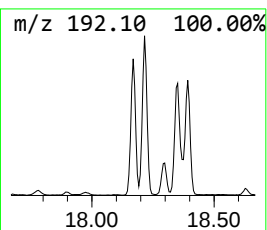
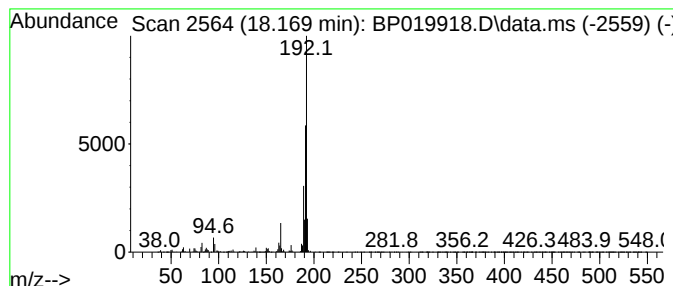
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	12.06 ng	836758	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

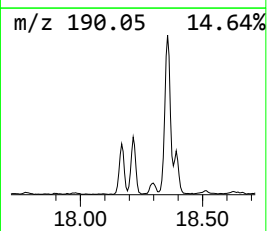
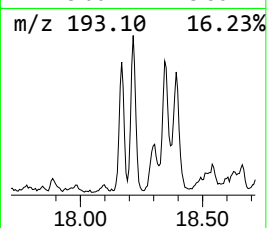
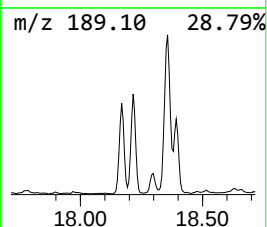
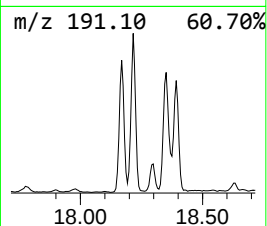
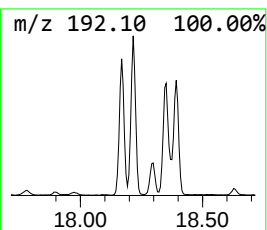
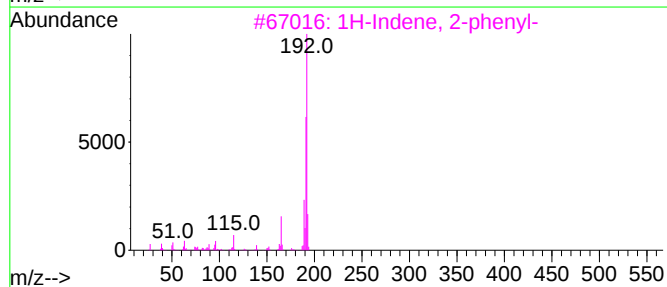
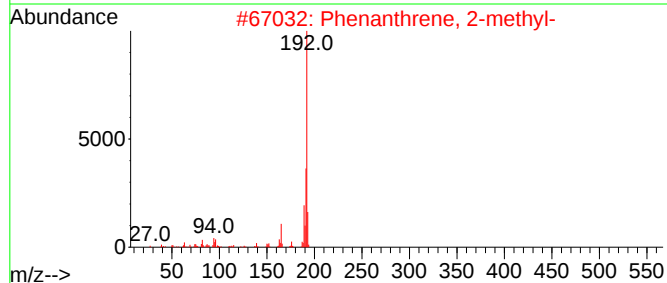
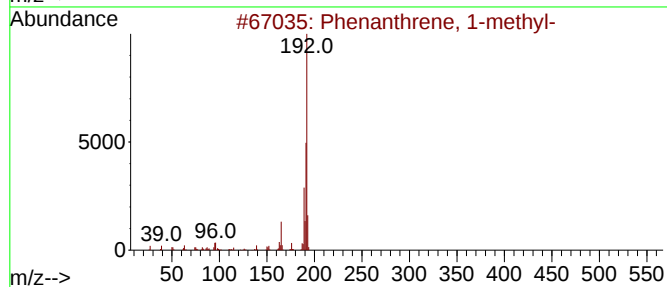
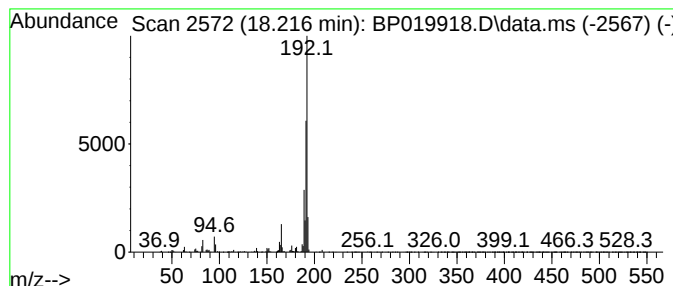
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	20.83 ng	1445210	Phenanthrene-d10	17.298

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			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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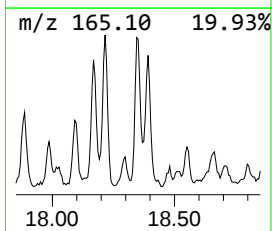
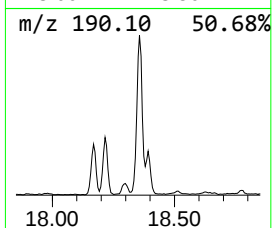
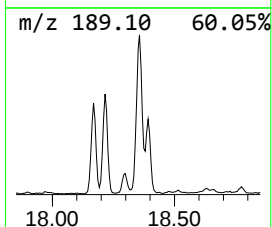
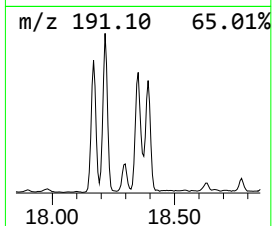
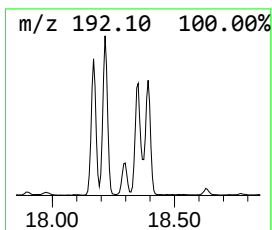
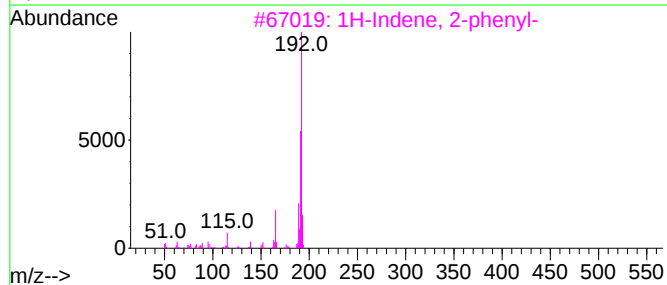
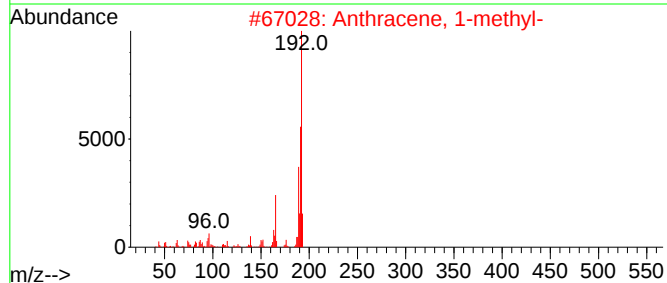
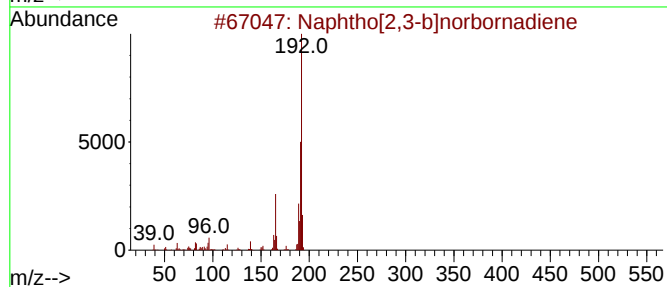
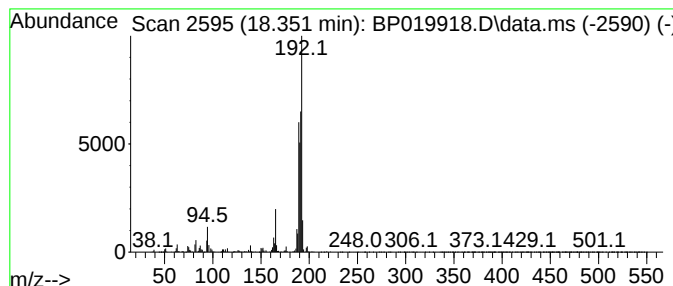
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphtho[2,3-b]norbornadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	15.22 ng	1055990	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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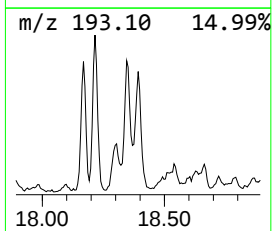
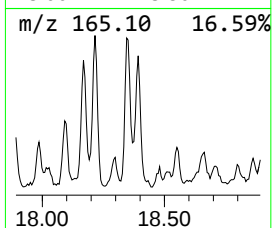
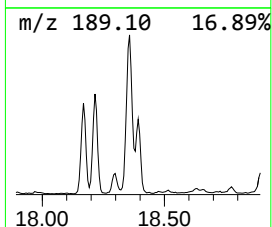
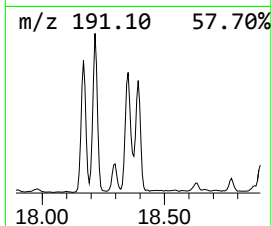
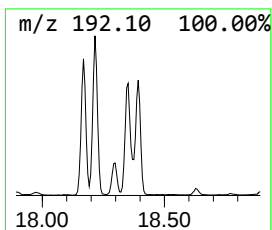
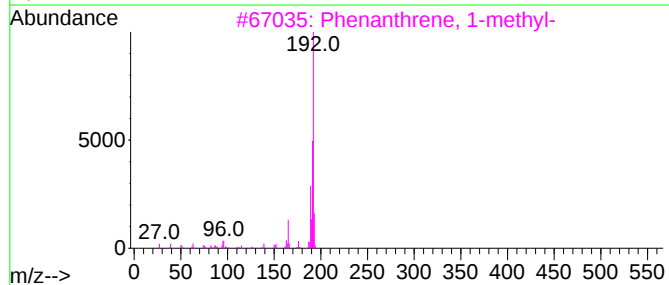
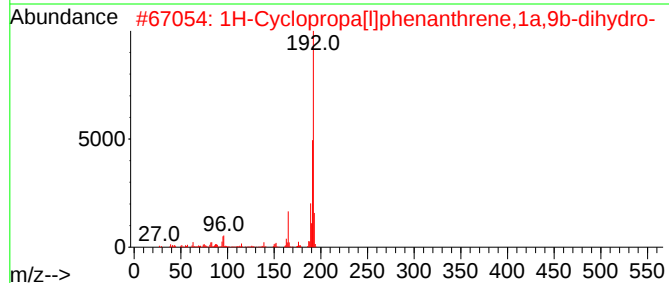
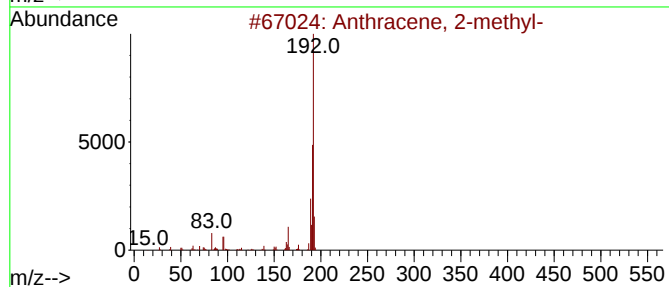
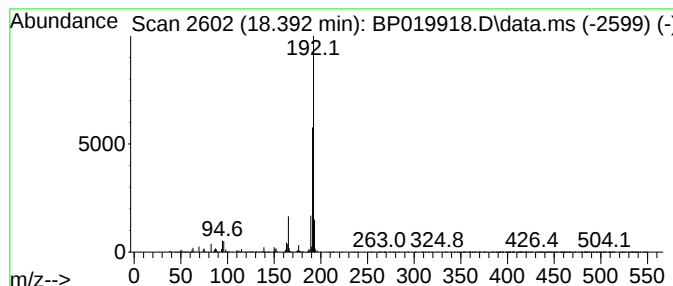
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	9.68 ng	671689	Phenanthrene-d10	17.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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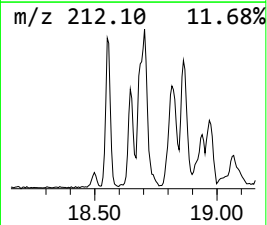
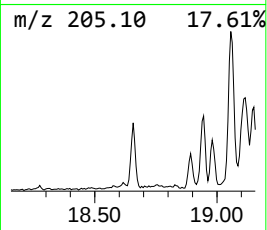
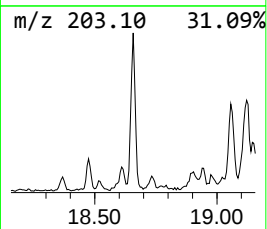
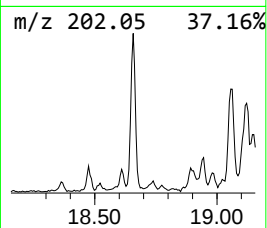
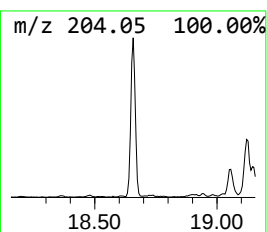
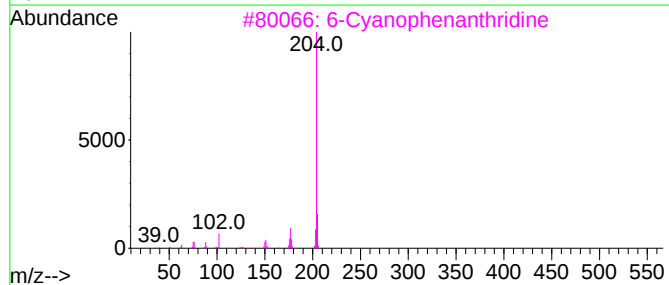
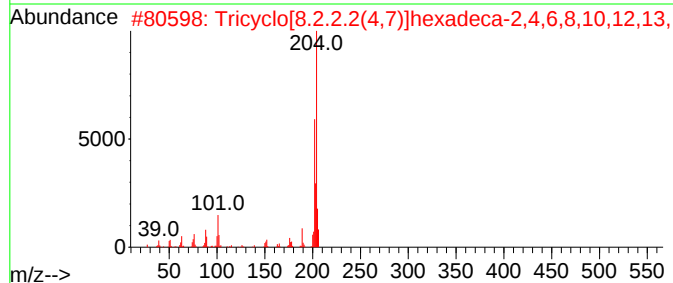
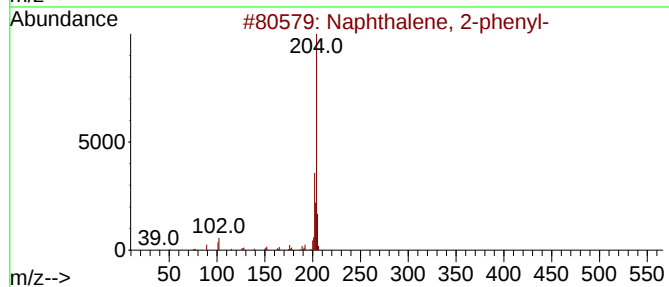
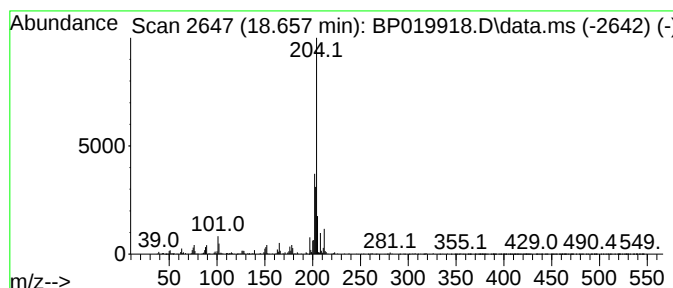
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	6.51 ng	452005	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3			6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
5			5,16[1',2']: ⁸ ,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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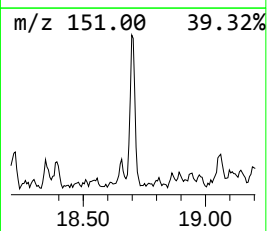
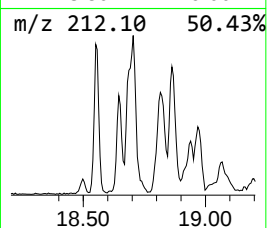
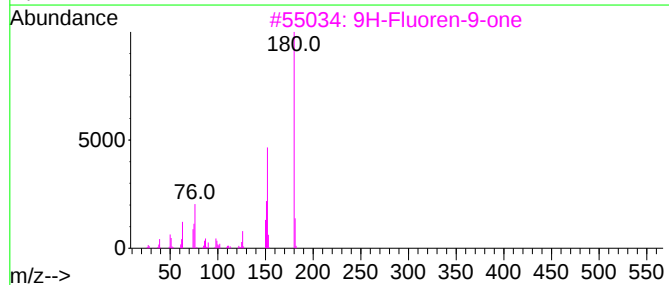
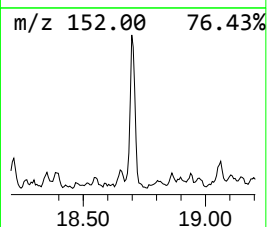
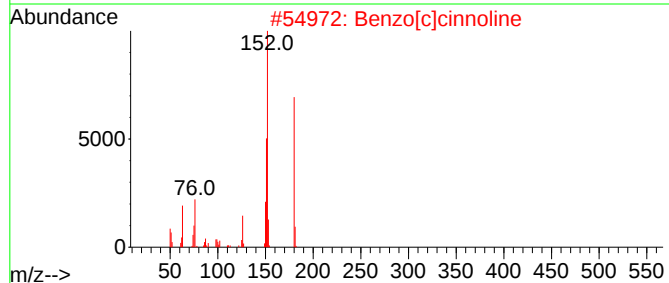
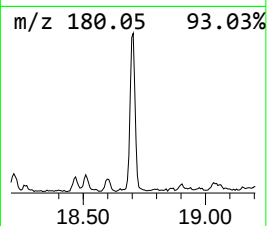
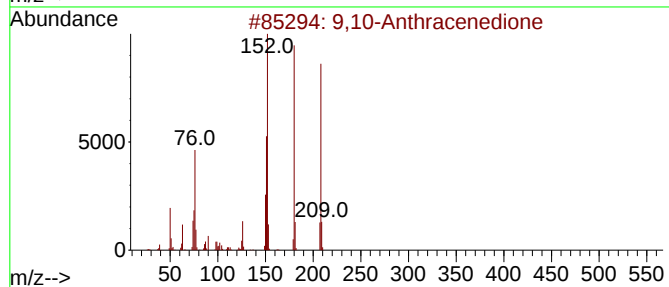
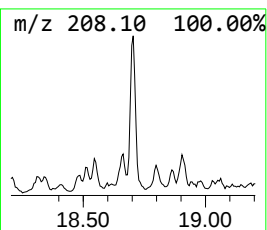
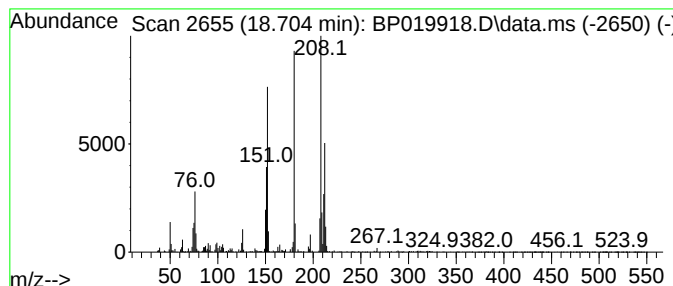
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.704	7.55 ng	523734	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	55
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	53
4	1,4-Anthracenedione			208	C14H8O2	000635-12-1	49
5	1H-Phenalen-1-one			180	C13H8O	000548-39-0	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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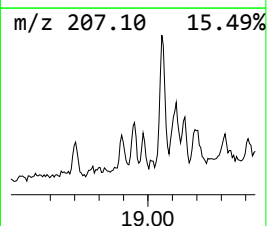
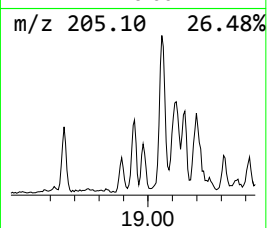
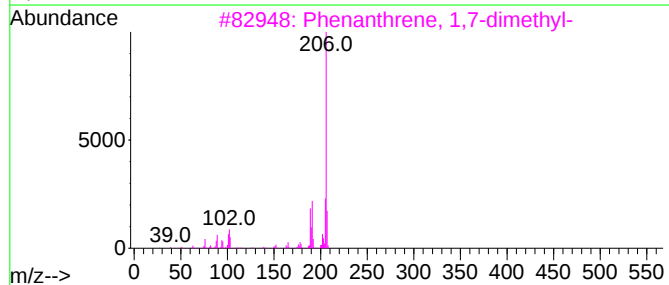
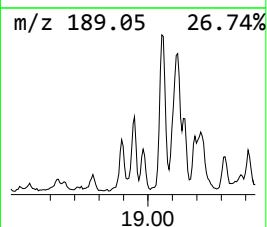
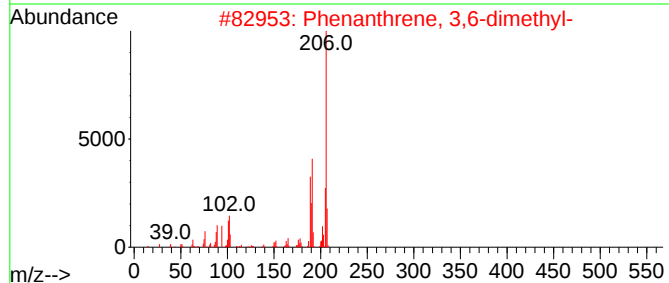
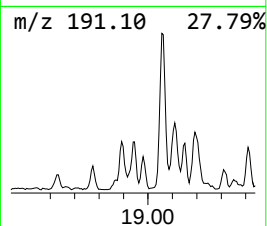
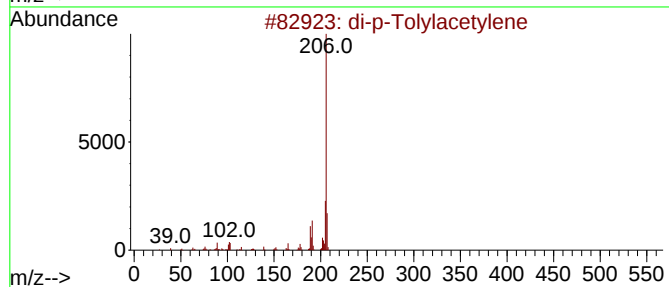
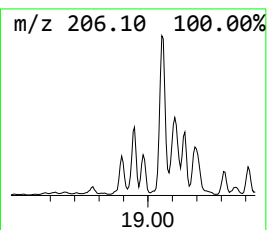
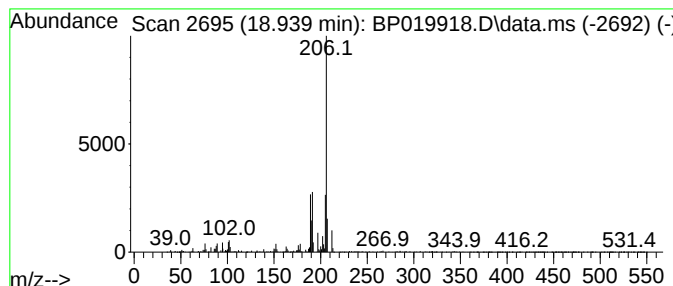
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 di-p-Tolylacetylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	3.38 ng	234549	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
5			1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

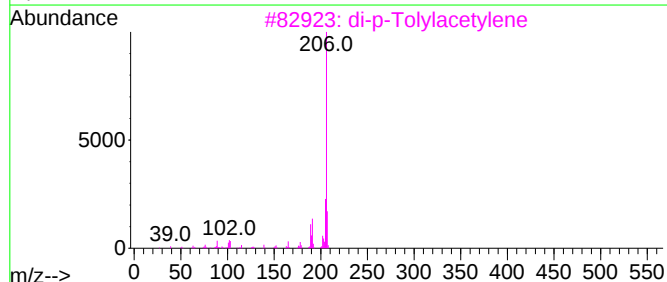
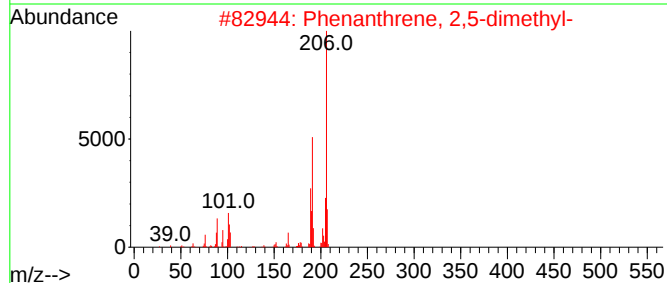
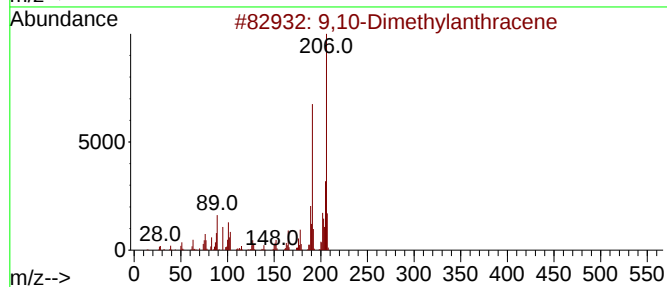
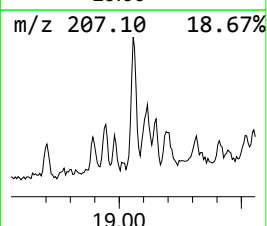
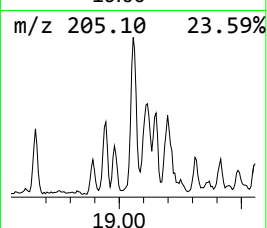
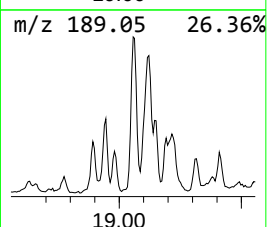
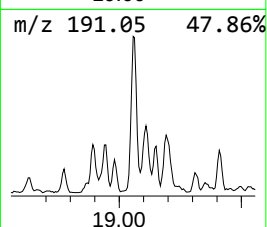
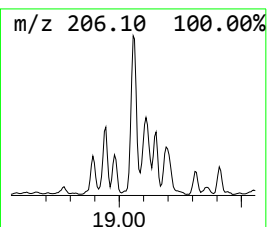
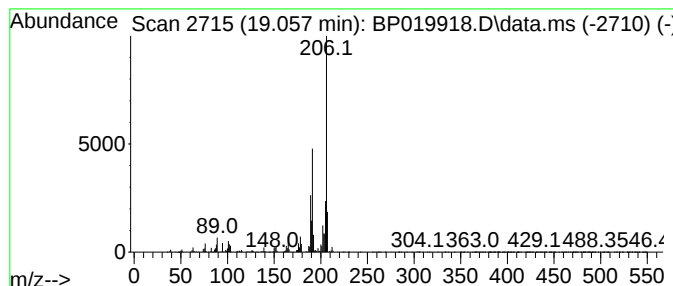
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9,10-Dimethylantracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	12.13 ng	841699	Phenanthrene-d10	17.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

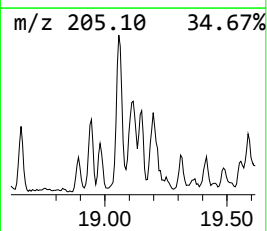
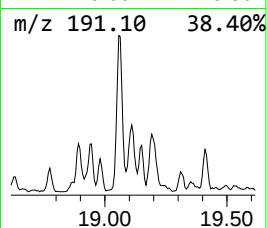
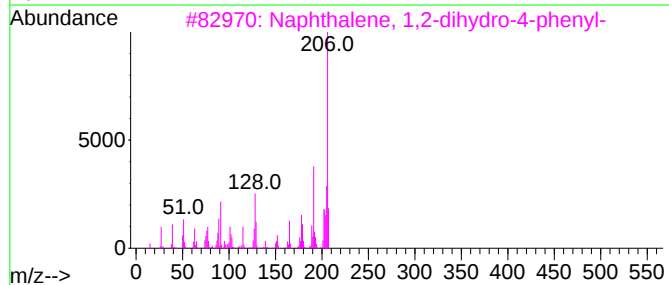
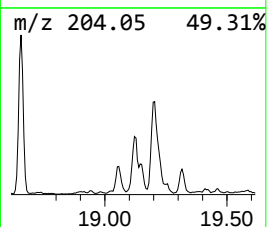
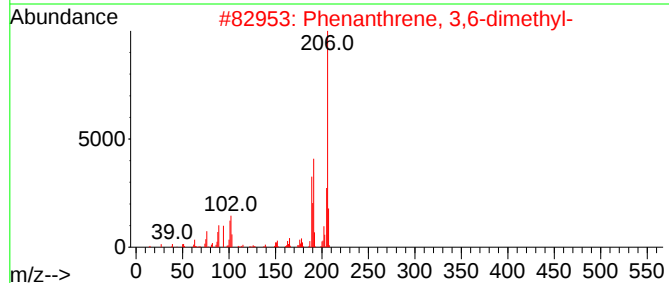
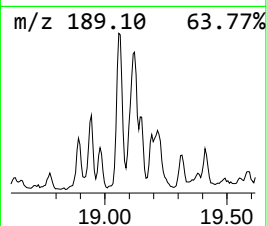
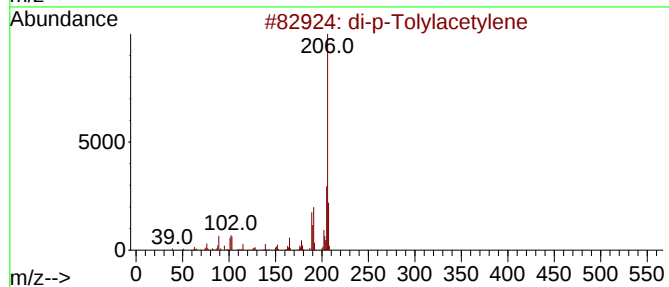
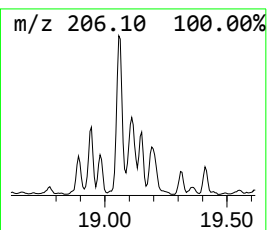
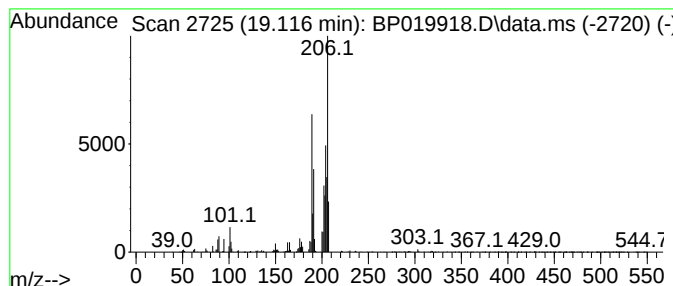
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown19.116 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	6.36 ng	441550	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	52
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
3			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46
4			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	46
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

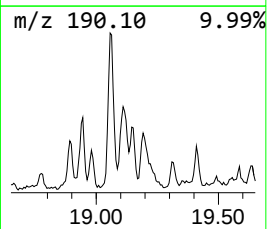
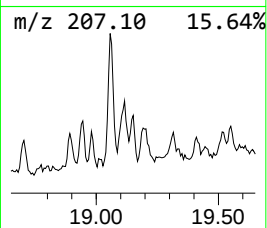
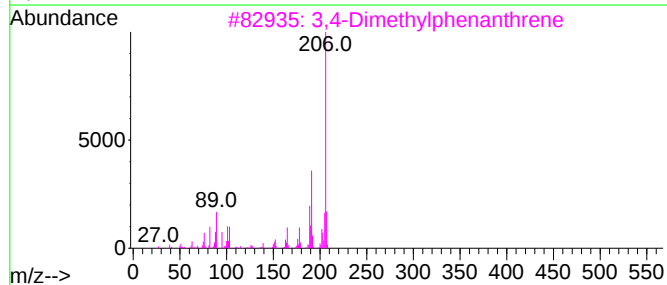
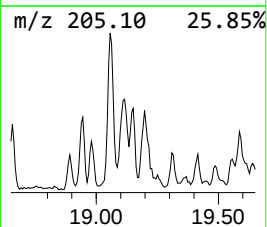
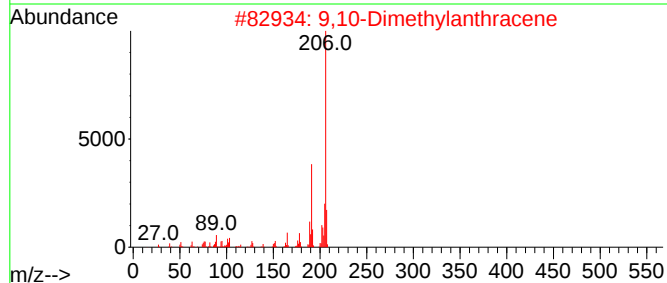
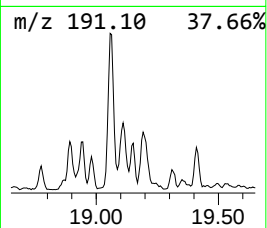
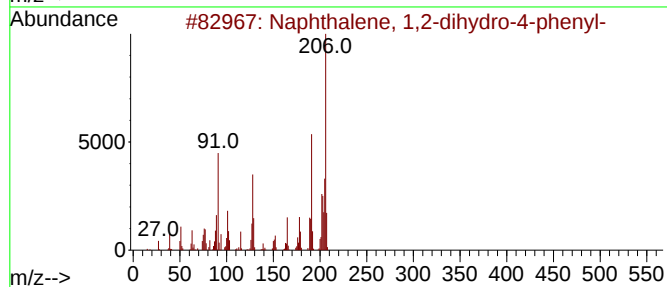
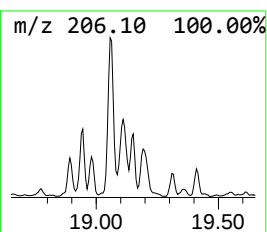
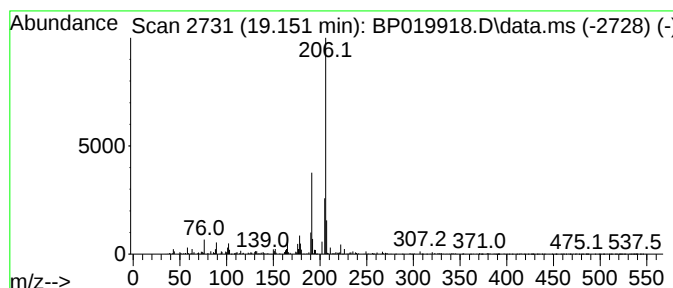
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,2-dihydro-4-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	3.41 ng	236927	Phenanthrene-d10	17.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	87
3		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4		Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	86
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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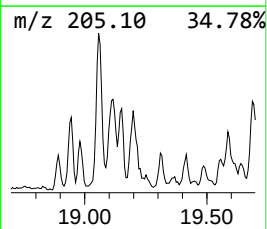
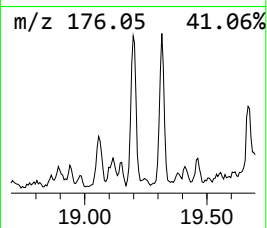
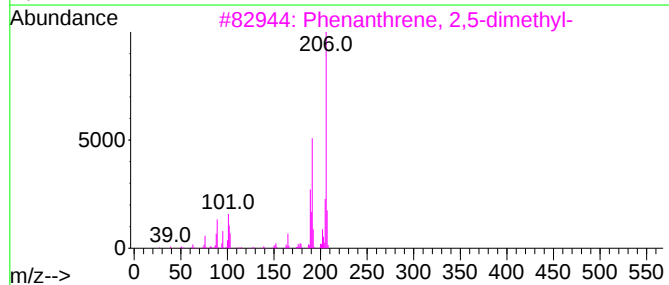
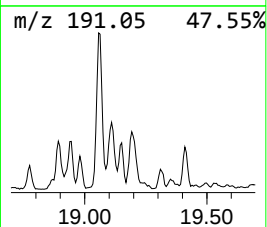
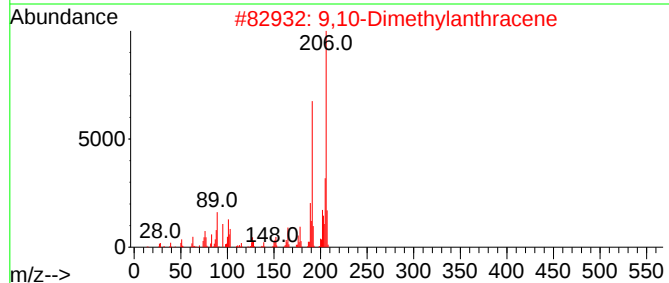
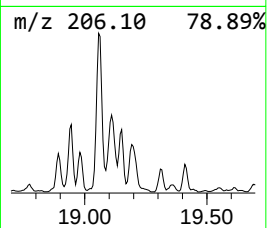
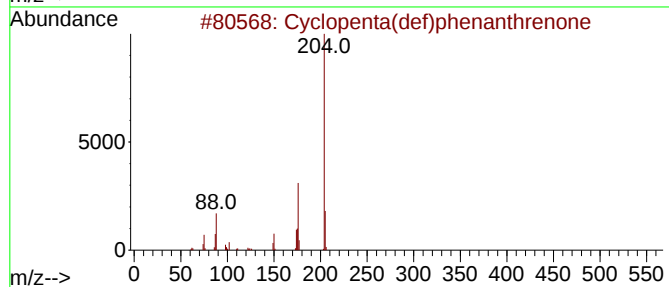
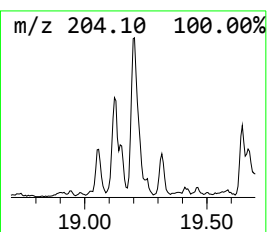
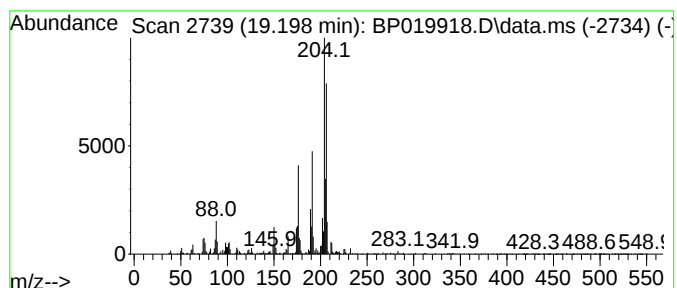
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	8.25 ng	572805	Phenanthrene-d10	17.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	80
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	70
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
4		Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	50
5		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

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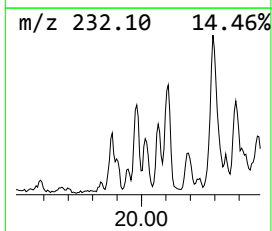
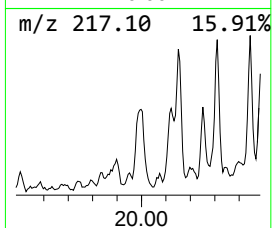
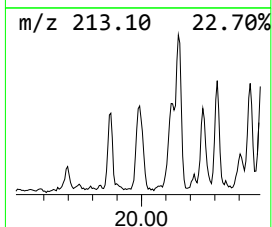
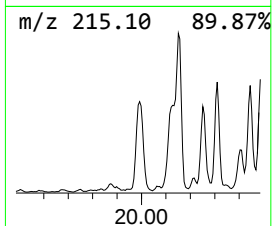
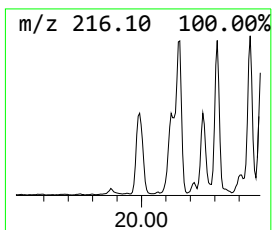
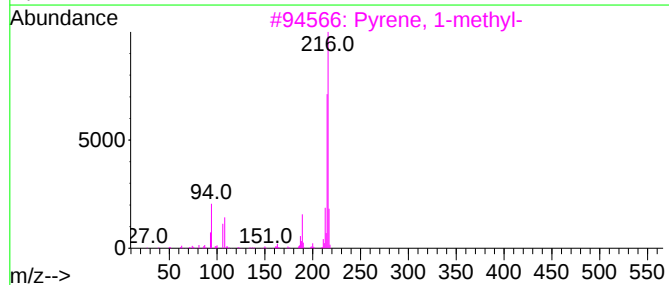
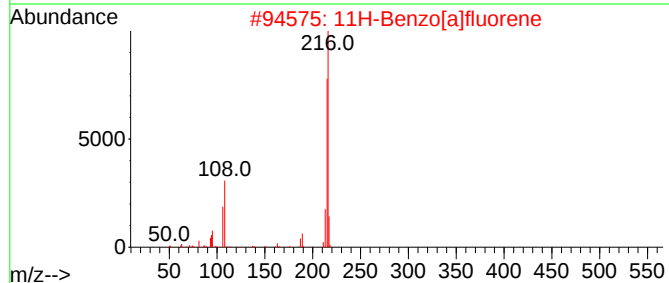
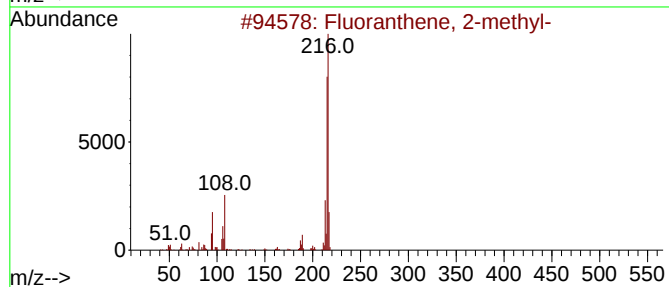
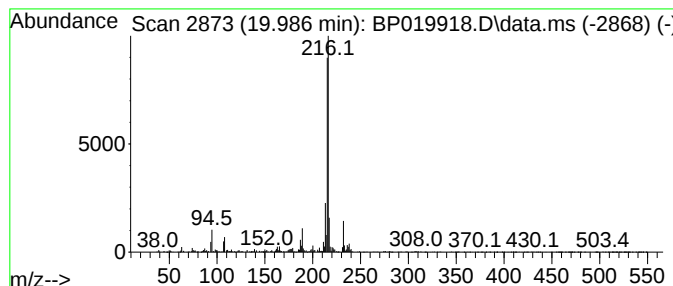
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.986	5.31 ng	789591	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

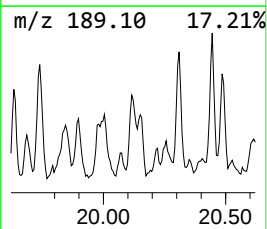
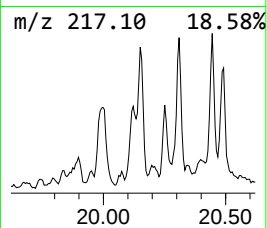
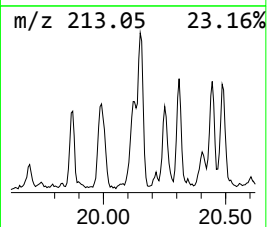
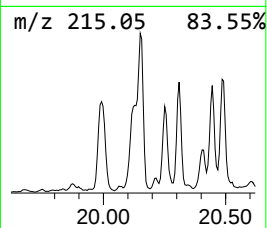
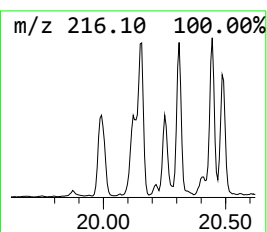
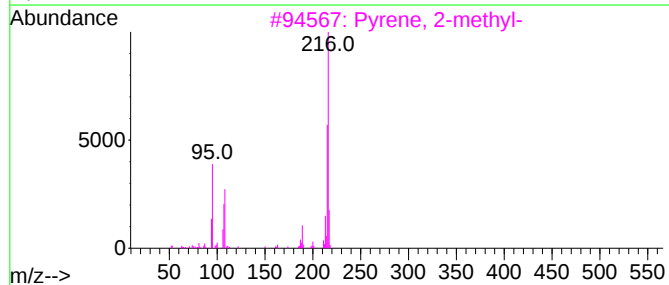
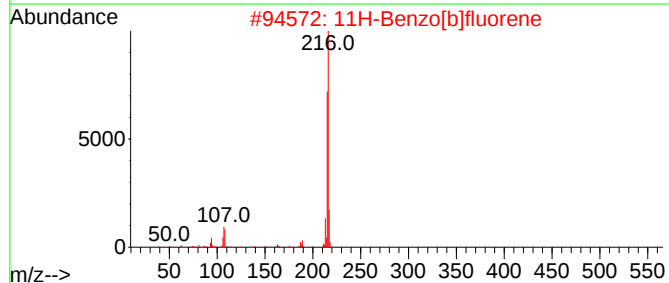
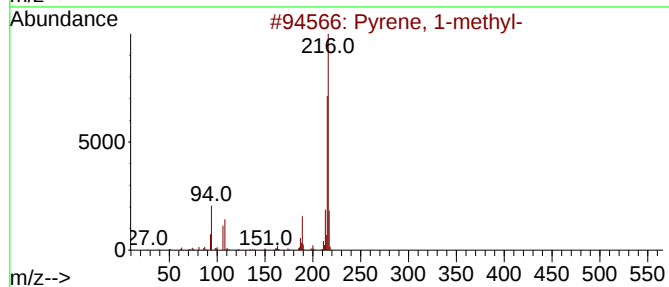
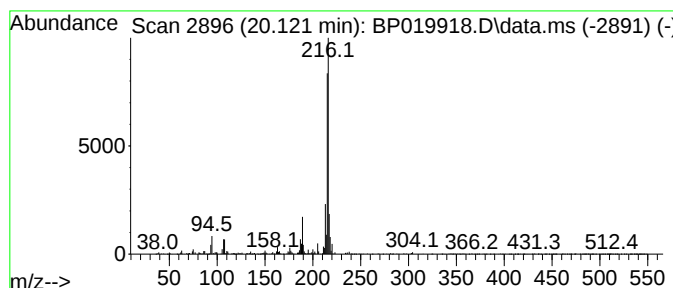
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.122	3.43 ng	510141	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

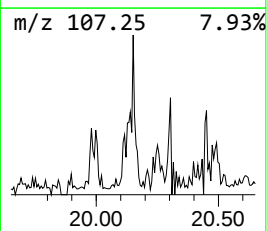
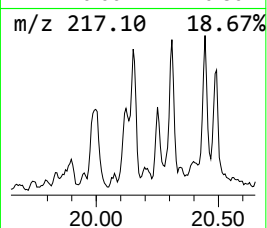
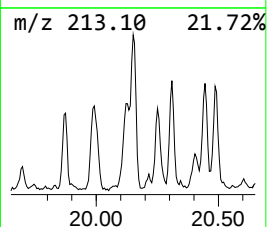
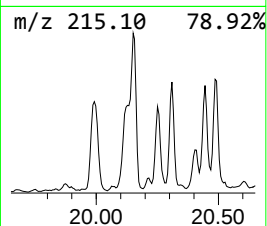
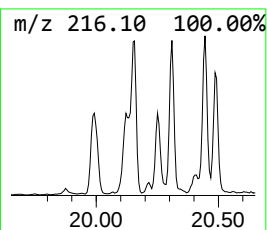
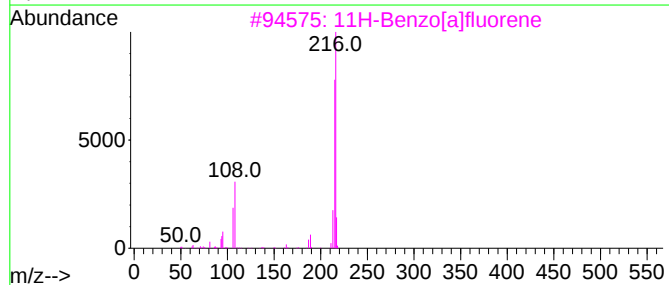
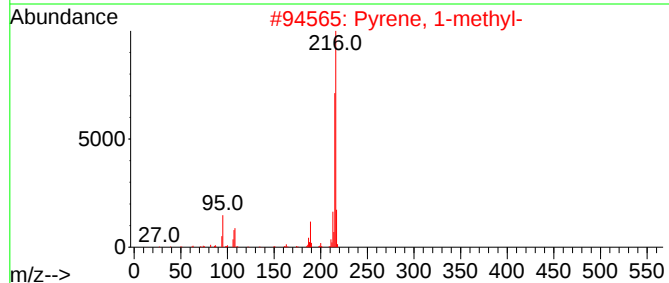
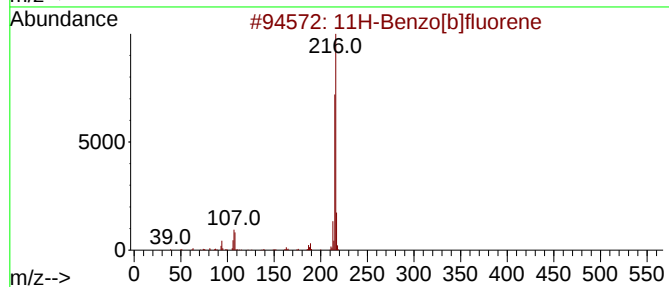
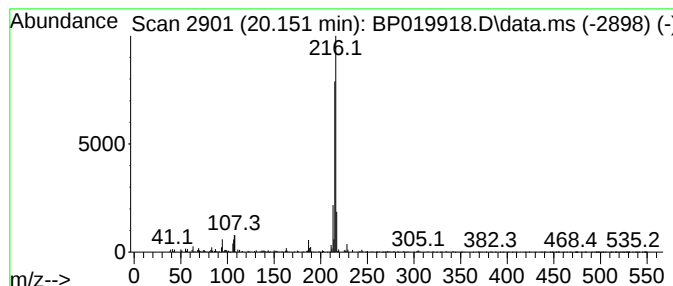
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	4.42 ng	657251	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4			1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

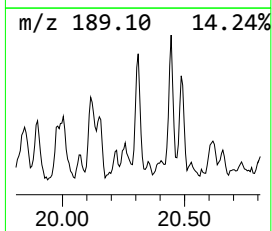
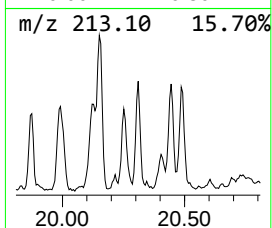
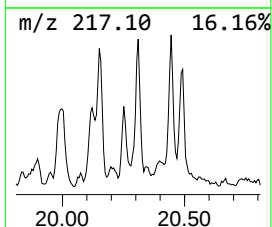
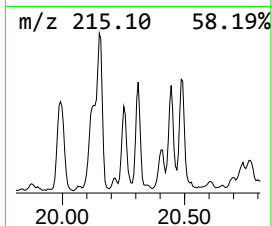
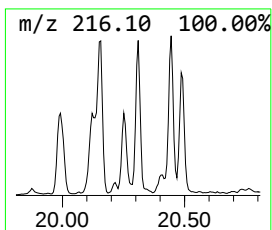
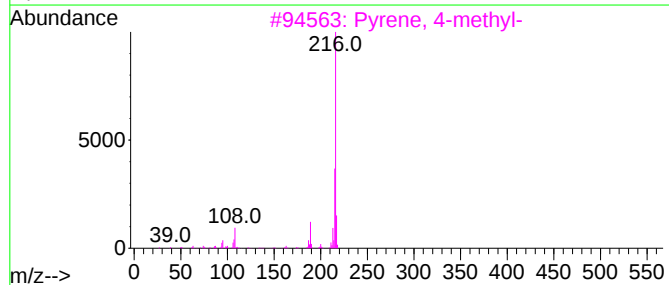
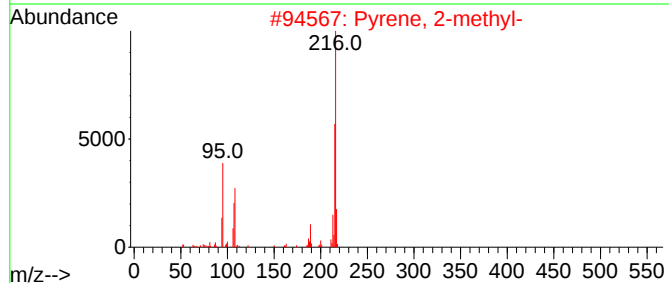
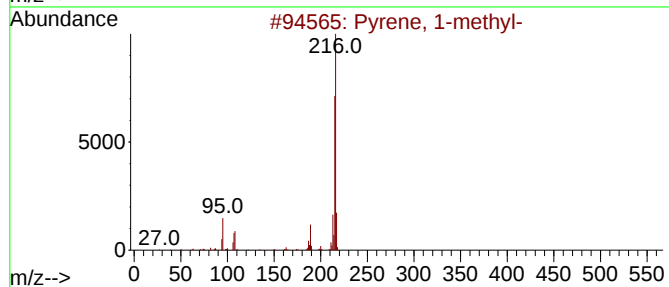
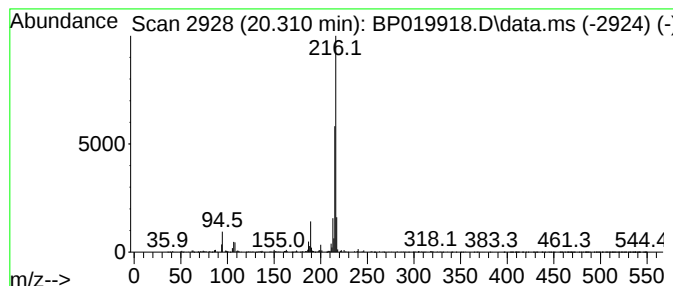
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.310	3.45 ng	513069	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3			Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

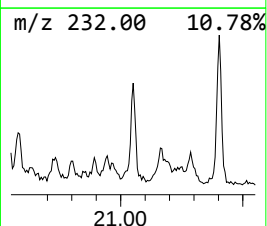
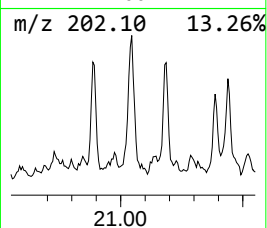
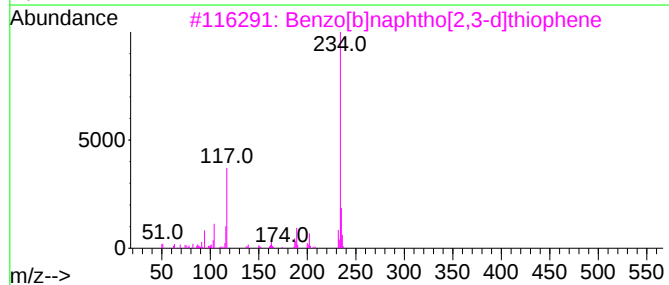
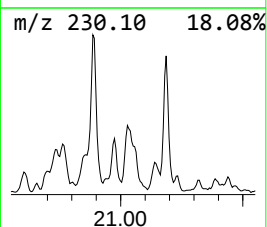
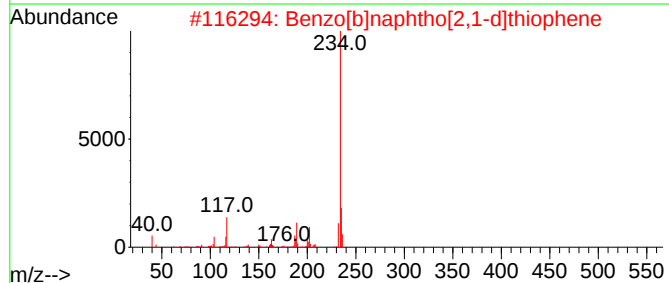
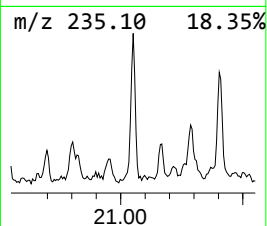
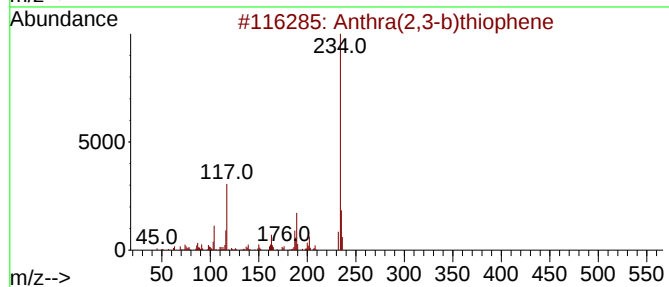
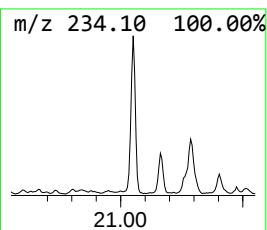
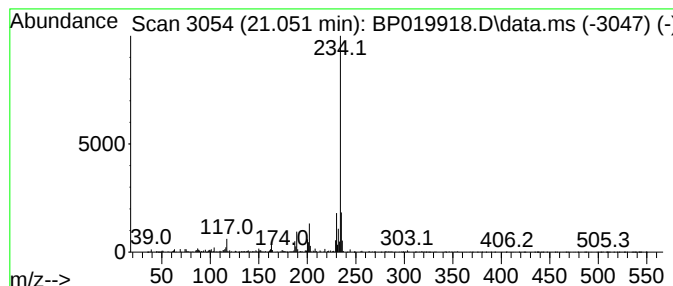
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Anthra(2,3-b)thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	4.02 ng	598541	Chrysene-d12	21.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	68
5		Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

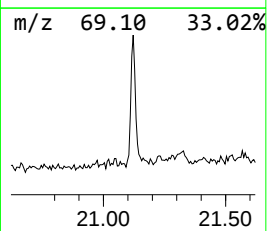
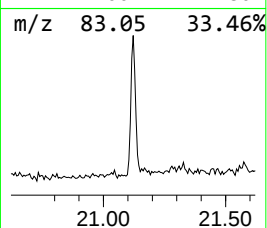
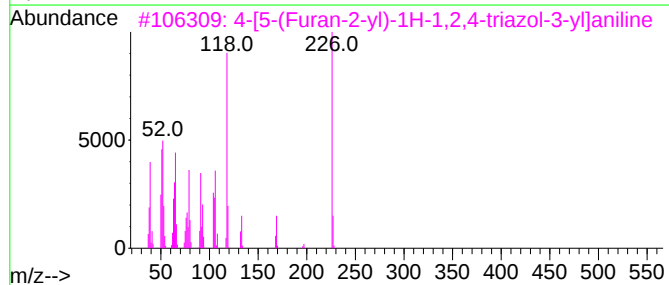
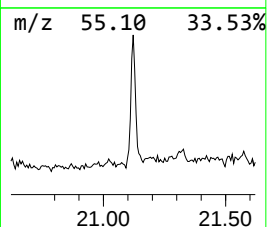
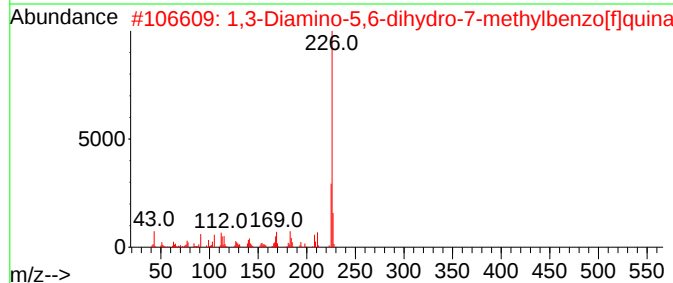
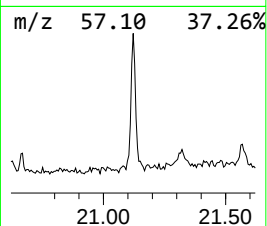
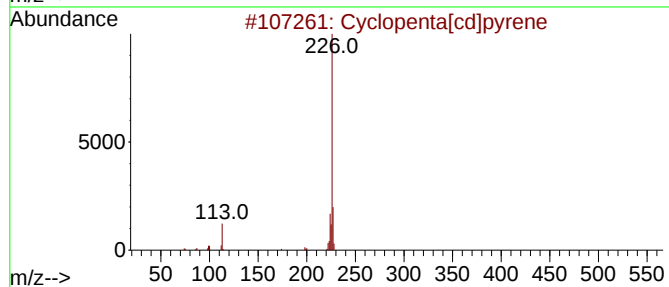
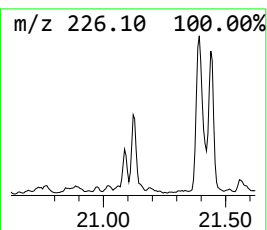
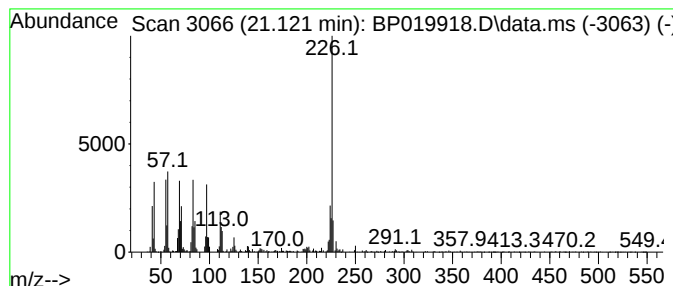
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Cyclopenta[cd]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.121	3.54 ng	526071	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2			1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	38
3			4-[5-(Furan-2-yl)-1H-1,2,4-triaz...	226	C12H10N4O	1000411-19-9	38
4			1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	38
5			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3

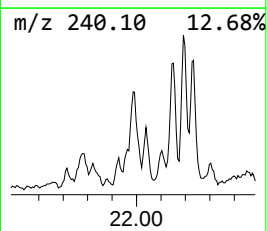
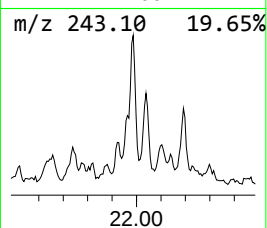
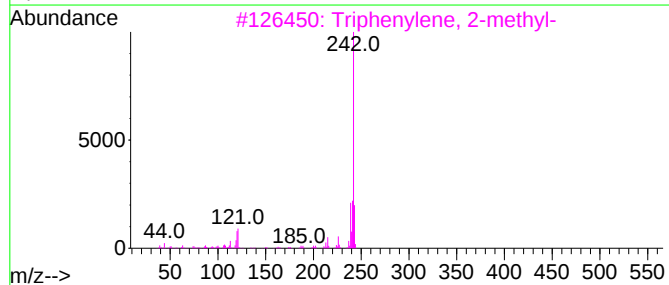
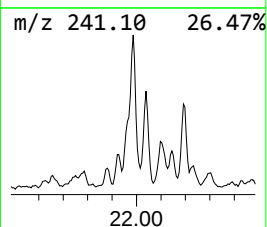
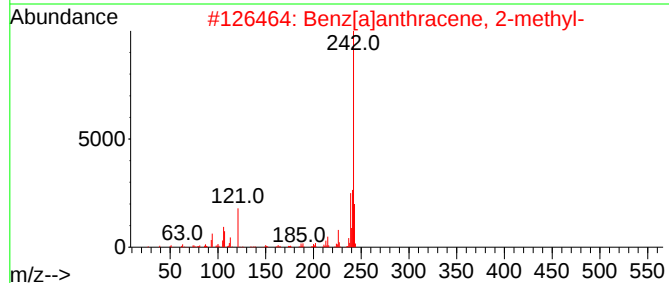
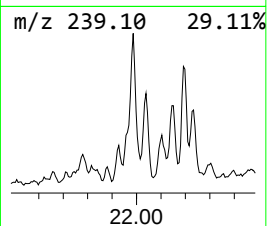
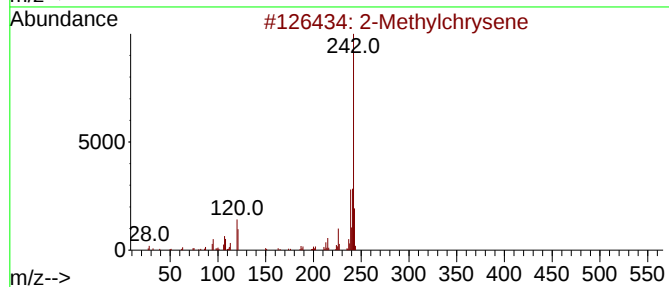
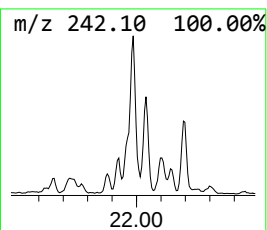
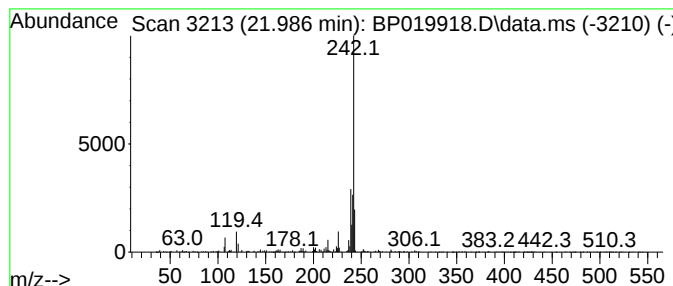
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 2-Methylchrysene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.986	3.37 ng	501701	Chrysene-d12	21.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Methylchrysene	242	C19H14	003351-32-4	93
2		Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
3		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
4		Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
5		Chrysene, 6-methyl-	242	C19H14	001705-85-7	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019918.D
Acq On : 28 Feb 2024 16:03
Operator : MA/JU
Sample : P1602-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	15.151	3.4	ng	193082	3	14.534	1149020	20.0
1-Methyldibenzo...	17.880	4.5	ng	309492	4	17.298	1387910	20.0
Phenanthrene, 2...	18.169	12.1	ng	836758	4	17.298	1387910	20.0
Phenanthrene, 1...	18.216	20.8	ng	1445210	4	17.298	1387910	20.0
Naphtho[2,3-b]n...	18.351	15.2	ng	1055990	4	17.298	1387910	20.0
Anthracene, 2-m...	18.392	9.7	ng	671689	4	17.298	1387910	20.0
Naphthalene, 2-...	18.657	6.5	ng	452005	4	17.298	1387910	20.0
9,10-Anthracene...	18.704	7.5	ng	523734	4	17.298	1387910	20.0
di-p-Tolylacety...	18.939	3.4	ng	234549	4	17.298	1387910	20.0
9,10-Dimethylan...	19.057	12.1	ng	841699	4	17.298	1387910	20.0
unknown19.116	19.116	6.4	ng	441550	4	17.298	1387910	20.0
Naphthalene, 1,...	19.151	3.4	ng	236927	4	17.298	1387910	20.0
Cyclopenta(def)...	19.198	8.3	ng	572805	4	17.298	1387910	20.0
Fluoranthene, 2...	19.986	5.3	ng	789591	5	21.404	2974780	20.0
Pyrene, 1-methyl-	20.122	3.4	ng	510141	5	21.404	2974780	20.0
11H-Benzo[b]flu...	20.151	4.4	ng	657251	5	21.404	2974780	20.0
Pyrene, 2-methyl-	20.310	3.5	ng	513069	5	21.404	2974780	20.0
Anthra(2,3-b)th...	21.051	4.0	ng	598541	5	21.404	2974780	20.0
Cyclopenta[cd]p...	21.121	3.5	ng	526071	5	21.404	2974780	20.0
2-Methylchrysene	21.986	3.4	ng	501701	5	21.404	2974780	20.0