

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009649.D
 Acq On : 31 Mar 2022 20:39
 Operator : CG/JU
 Sample : N2123-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20220339-AMENDED-COMP-CS-1

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-BP031722.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009649.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	315	322	330	rVB	1306987	2212126	4.25%	0.269%
2	7.734	799	807	813	rVV2	1815547	3743782	7.19%	0.455%
3	8.275	894	899	907	rVB4	729510	1649273	3.17%	0.200%
4	8.846	986	996	1001	rBV3	1266674	3073000	5.90%	0.373%
5	8.905	1001	1006	1015	rVV3	545400	1915128	3.68%	0.233%
6	9.093	1028	1038	1045	rVB7	588458	2004056	3.85%	0.243%
7	9.722	1140	1145	1152	rVB6	660530	1549189	2.98%	0.188%
8	9.793	1152	1157	1166	rVB4	581934	1772033	3.40%	0.215%
9	9.963	1177	1186	1192	rBV4	1060345	3308141	6.36%	0.402%
10	10.034	1194	1198	1202	rVV	1003712	1858137	3.57%	0.226%
11	10.528	1272	1282	1286	rBV2	2580040	6134501	11.79%	0.745%
12	10.587	1286	1292	1300	rVV	6609277	12766409	24.53%	1.550%
13	10.710	1308	1313	1318	rVV	2252574	3736317	7.18%	0.454%
14	11.387	1421	1428	1434	rBV5	750397	1719167	3.30%	0.209%
15	11.581	1455	1461	1466	rBV2	2145522	4420252	8.49%	0.537%
16	11.734	1483	1487	1496	rVB3	1083210	2344007	4.50%	0.285%
17	12.204	1560	1567	1575	rVB	9450382	17279318	33.20%	2.099%
18	12.428	1593	1605	1614	rVB	12212643	23444402	45.05%	2.847%
19	12.940	1687	1692	1696	rVV	1979824	3095062	5.95%	0.376%
20	13.010	1699	1704	1710	rVB	1361693	2370730	4.56%	0.288%
21	13.222	1733	1740	1748	rBV4	1562806	3542744	6.81%	0.430%
22	13.422	1769	1774	1788	rVB	4562785	10913537	20.97%	1.325%
23	13.557	1790	1797	1806	rBV2	6083112	15659465	30.09%	1.902%
24	13.722	1817	1825	1829	rBV	9315543	18170032	34.91%	2.207%
25	13.769	1829	1833	1843	rVB	5492972	9515050	18.28%	1.156%
26	13.887	1849	1853	1857	rVB2	1671261	2413356	4.64%	0.293%
27	13.951	1857	1864	1868	rBV	4912019	8848761	17.00%	1.075%
28	14.116	1883	1892	1899	rVB2	4824721	9056031	17.40%	1.100%
29	14.393	1930	1939	1944	rVV2	3026131	8342965	16.03%	1.013%
30	14.463	1944	1951	1959	rVV	10318153	19136277	36.77%	2.324%
31	14.610	1970	1976	1985	rVB2	2483536	6399396	12.30%	0.777%
32	14.693	1985	1990	1996	rBV5	1225497	2644349	5.08%	0.321%
33	14.798	1997	2008	2015	rVB2	4757135	10723620	20.60%	1.302%
34	14.875	2015	2021	2027	rVB	3112841	4741849	9.11%	0.576%
35	14.934	2027	2031	2037	rVB6	1545462	2435929	4.68%	0.296%
36	15.016	2038	2045	2050	rBV3	2640815	6174698	11.86%	0.750%

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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-BP031722.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.075	2050	2055	2059	rVB	1947699	2826780	5.43%	0.343%
38	15.192	2067	2075	2078	rBV4	2287312	5660566	10.88%	0.687%
39	15.269	2085	2088	2095	rVB	1239963	1682368	3.23%	0.204%
40	15.363	2096	2104	2106	rBV5	1006289	2556566	4.91%	0.310%
41	15.392	2107	2109	2113	rVB	1449458	1758599	3.38%	0.214%
42	15.451	2113	2119	2131	rBV2	5932980	11899873	22.86%	1.445%
43	15.545	2131	2135	2137	rBV2	1608875	2340054	4.50%	0.284%
44	15.610	2143	2146	2150	rVB3	1390166	1809964	3.48%	0.220%
45	15.663	2150	2155	2164	rVV5	2919062	6154947	11.83%	0.748%
46	15.745	2164	2169	2179	rVB4	1777615	4375283	8.41%	0.531%
47	15.863	2185	2189	2192	rBV2	1704802	2678213	5.15%	0.325%
48	16.151	2231	2238	2248	rVB3	2104663	5991771	11.51%	0.728%
49	16.463	2284	2291	2296	rBV2	2060857	4846828	9.31%	0.589%
50	16.516	2296	2300	2306	rVV2	1859474	2740013	5.26%	0.333%
51	16.610	2313	2316	2322	rVB2	1550893	2498334	4.80%	0.303%
52	16.904	2362	2366	2373	rVV6	981829	2638162	5.07%	0.320%
53	16.981	2374	2379	2393	rVB2	4584448	8634512	16.59%	1.049%
54	17.169	2405	2411	2413	rBV	2411872	4387617	8.43%	0.533%
55	17.216	2413	2419	2425	rVV2	24734677	45669733	87.75%	5.547%
56	17.304	2428	2434	2438	rVB	11352044	16371484	31.46%	1.988%
57	17.357	2439	2443	2449	rBV2	1535295	2937877	5.64%	0.357%
58	17.575	2476	2480	2492	rVB	2089981	4213563	8.10%	0.512%
59	17.745	2506	2509	2519	rVB2	2010732	3399938	6.53%	0.413%
60	17.892	2529	2534	2541	rBV	1405369	2582538	4.96%	0.314%
61	18.039	2554	2559	2563	rBV	6373993	9814435	18.86%	1.192%
62	18.086	2563	2567	2574	rVB	7235388	10977333	21.09%	1.333%
63	18.169	2576	2581	2586	rBV	4132350	6527815	12.54%	0.793%
64	18.233	2586	2592	2596	rVV2	9451524	19564303	37.59%	2.376%
65	18.263	2596	2597	2603	rVB	5025025	5527436	10.62%	0.671%
66	18.528	2638	2642	2647	rVB	3642115	4882723	9.38%	0.593%
67	18.763	2675	2682	2687	rBV2	9677126	15546017	29.87%	1.888%
68	18.939	2708	2712	2717	rBV	3568804	6090981	11.70%	0.740%
69	19.204	2750	2757	2761	rBV	24732952	41134229	79.04%	4.996%
70	19.251	2761	2765	2769	rVV	12897351	17774229	34.15%	2.159%
71	19.345	2777	2781	2786	rVV	1591756	2306673	4.43%	0.280%
72	19.563	2807	2818	2824	rBV4	23944247	52045231	100.00%	6.321%
73	19.622	2824	2828	2834	rVB3	2289692	3722984	7.15%	0.452%
74	19.869	2865	2870	2876	rBV2	2309027	5059595	9.72%	0.614%
75	19.957	2881	2885	2888	rBV	3611533	4302978	8.27%	0.523%
76	20.004	2889	2893	2894	rVV2	1631516	2411211	4.63%	0.293%

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77	20.033	2894	2898	2904	rVB	7144096	10715694	20.59%	1.301%
78	20.133	2911	2915	2919	rVB	6983788	8706824	16.73%	1.057%
79	20.192	2921	2925	2929	rVB2	3578857	4605878	8.85%	0.559%
80	20.328	2945	2948	2952	rBV	2301814	2996450	5.76%	0.364%
81	20.375	2952	2956	2959	rVB	2618758	3555823	6.83%	0.432%
82	20.645	3000	3002	3007	rVB	1493101	1696906	3.26%	0.206%
83	20.739	3013	3018	3020	rBV3	1413926	2432246	4.67%	0.295%
84	20.933	3048	3051	3054	rBV	2192159	2690795	5.17%	0.327%
85	20.969	3054	3057	3060	rVB	2971361	3384838	6.50%	0.411%
86	21.275	3104	3109	3114	rBV3	16889364	30891034	59.35%	3.752%
87	21.327	3114	3118	3127	rVB	15607259	22970188	44.14%	2.790%
88	21.445	3134	3138	3143	rBV	3379958	4460343	8.57%	0.542%
89	21.610	3162	3166	3171	rVB2	2126570	3396564	6.53%	0.413%
90	21.857	3205	3208	3213	rVB	3098925	4200447	8.07%	0.510%
91	22.680	3345	3348	3353	rBV3	1116590	1682037	3.23%	0.204%
92	22.963	3387	3396	3400	rBV	10576953	28164988	54.12%	3.421%
93	23.139	3421	3426	3432	rVB	2775622	5276797	10.14%	0.641%
94	23.480	3477	3484	3492	rVB2	6069398	13927057	26.76%	1.691%
95	23.586	3494	3502	3508	rVB	11129107	23883208	45.89%	2.901%
96	23.680	3514	3518	3522	rBV	1493391	2698479	5.18%	0.328%
97	23.733	3523	3527	3537	rVB2	3167462	6770257	13.01%	0.822%
98	26.186	3934	3944	3955	rVB	5879165	18804961	36.13%	2.284%
99	26.957	4067	4075	4086	rVB	3671828	12076094	23.20%	1.467%
100	27.351	4136	4142	4156	rVB	1645056	5935647	11.40%	0.721%

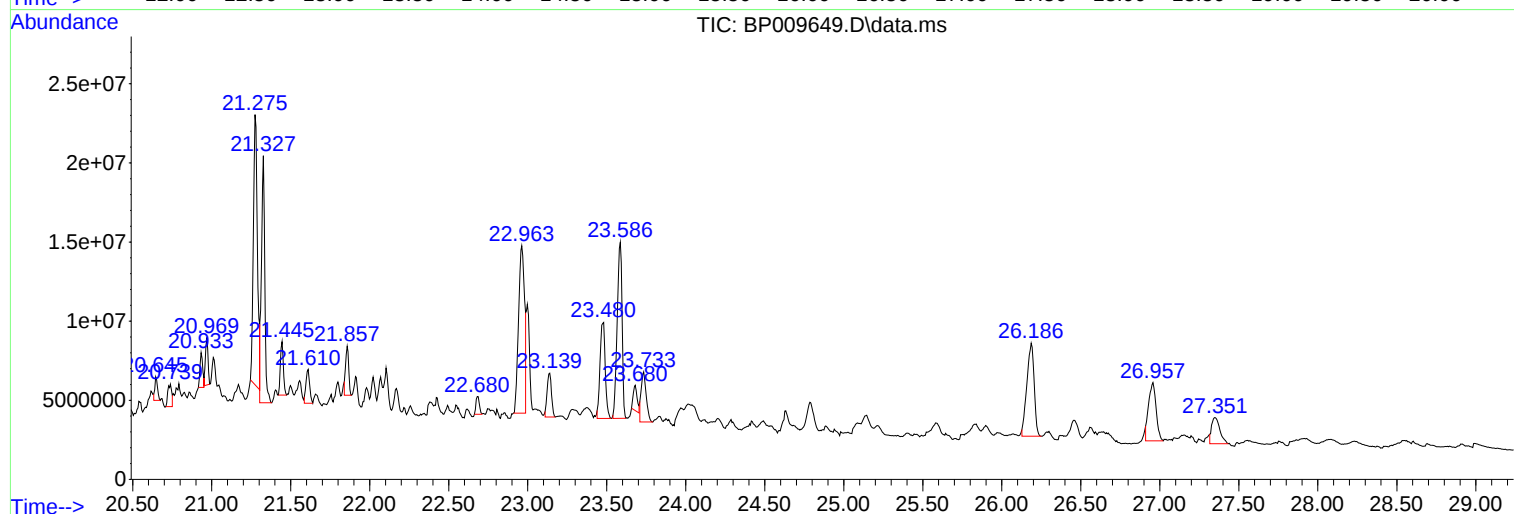
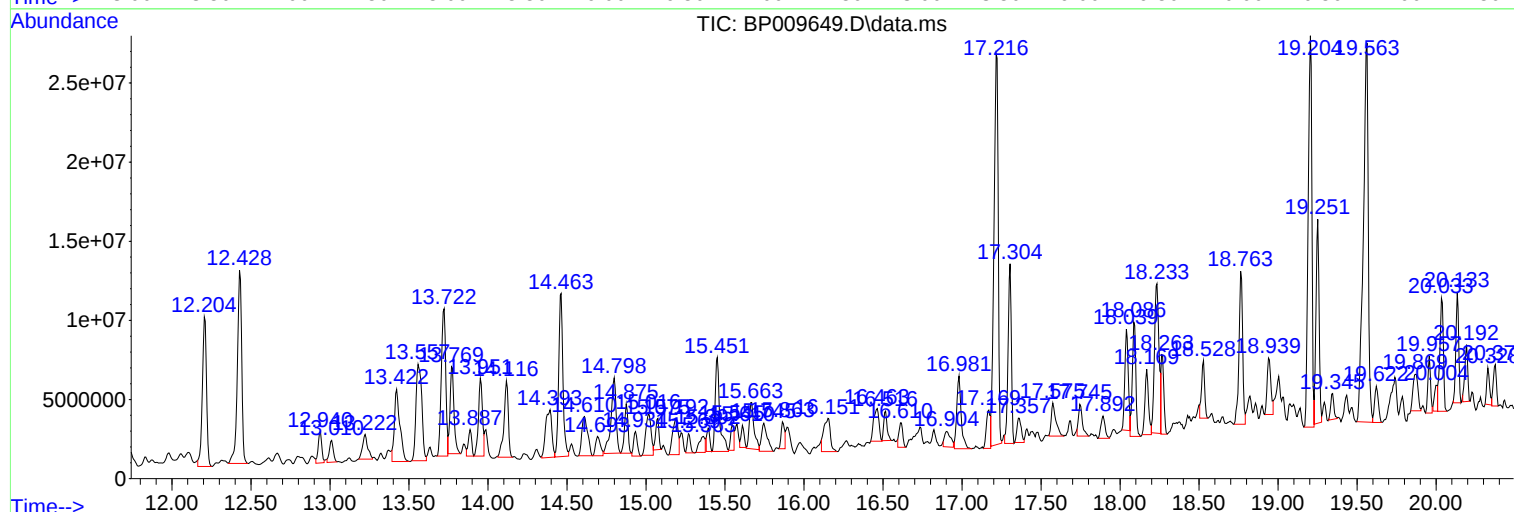
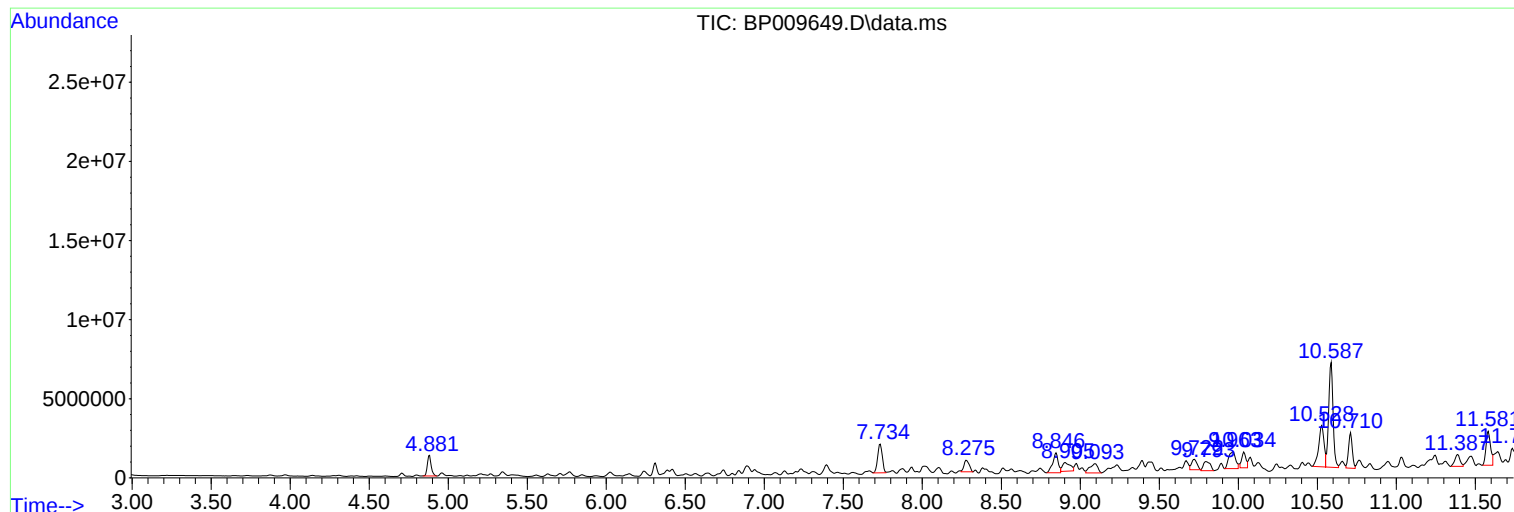
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220339-AMENDED-COMP-CS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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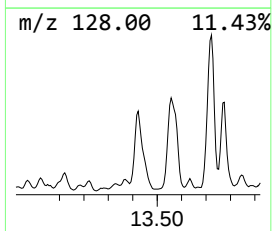
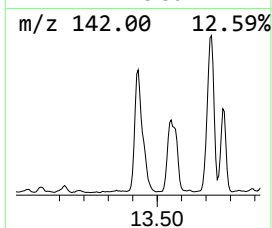
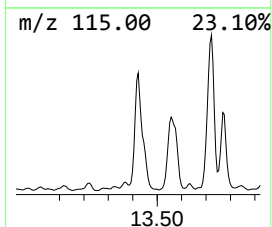
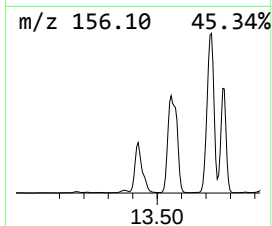
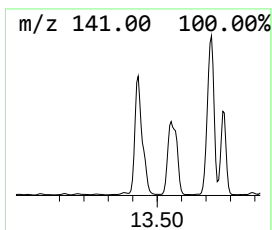
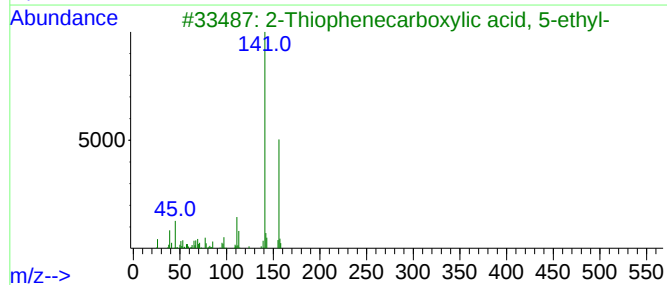
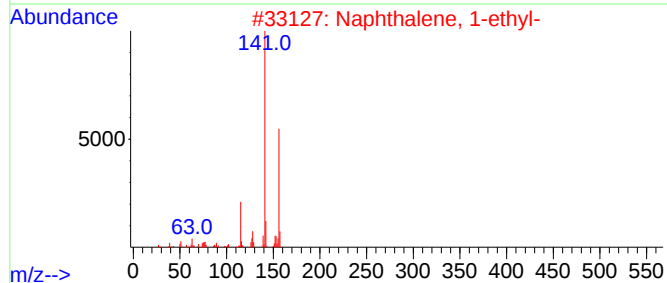
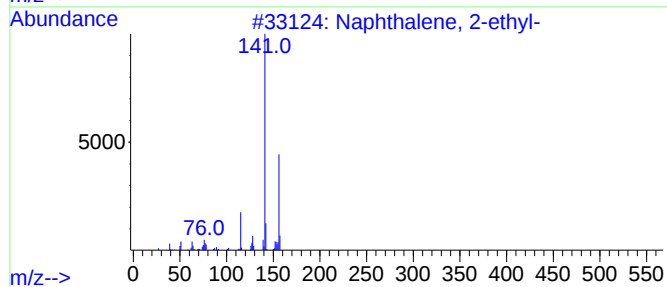
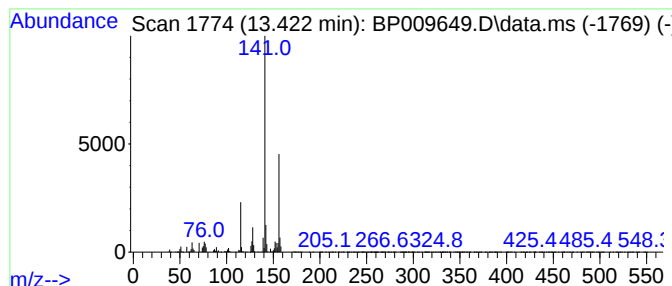
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	26.16 ng	10913500	Acenaphthene-d10	14.393

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5			4-(Methylsulfinyl)phenol	156	C7H8O2S	014763-64-5	58



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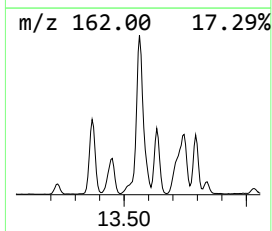
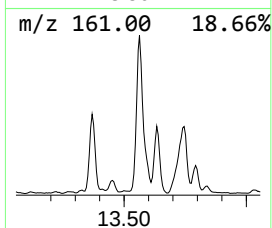
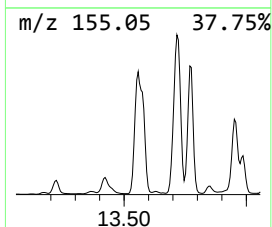
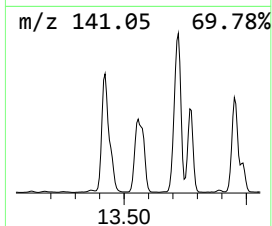
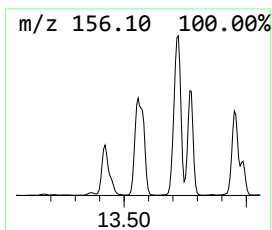
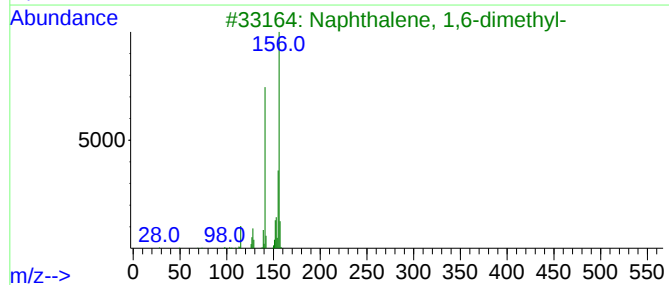
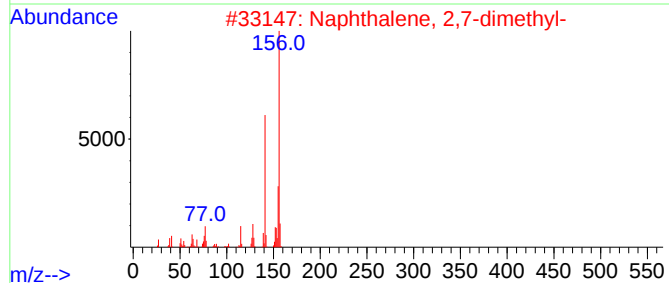
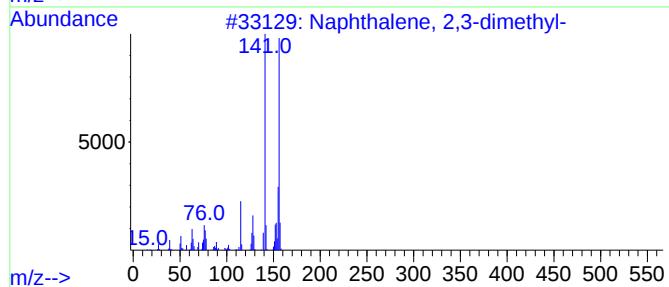
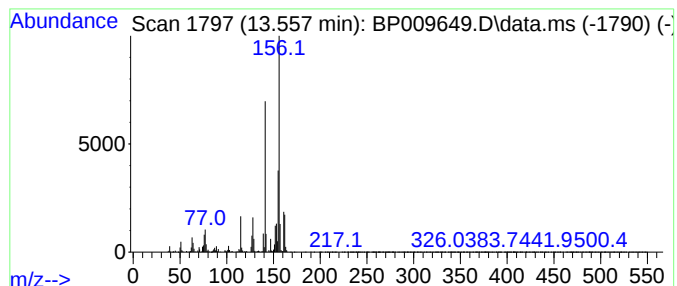
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.557	37.54 ng	15659500	Acenaphthene-d10	14.393

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



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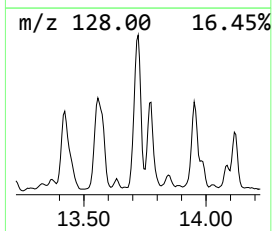
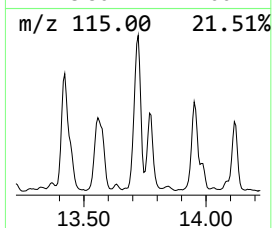
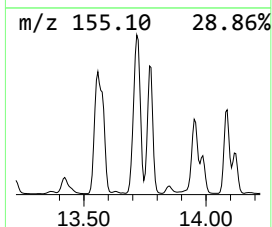
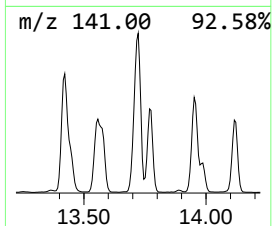
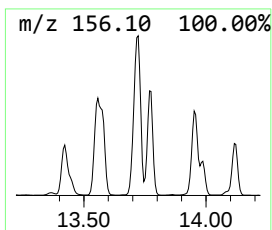
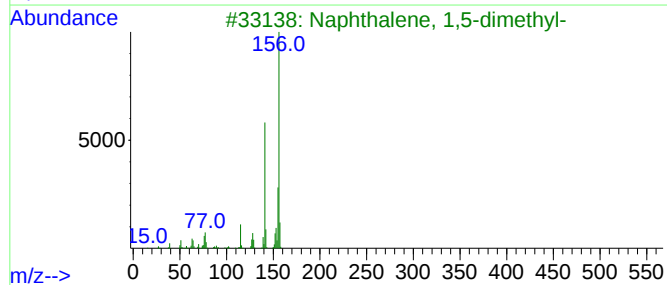
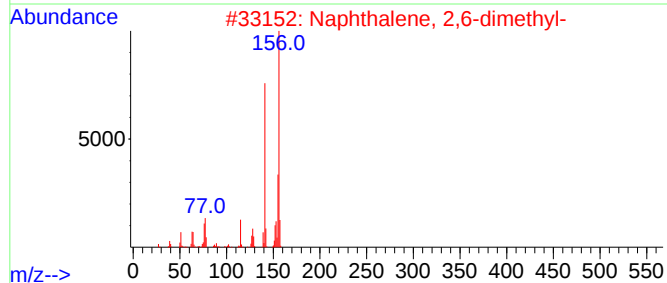
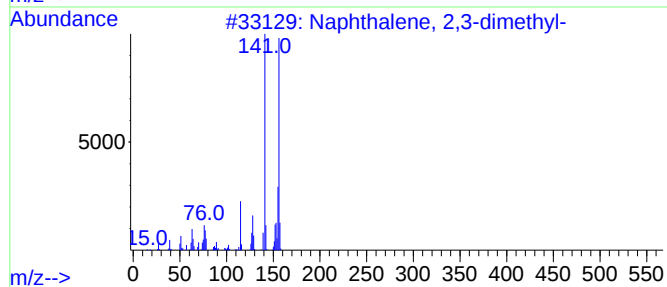
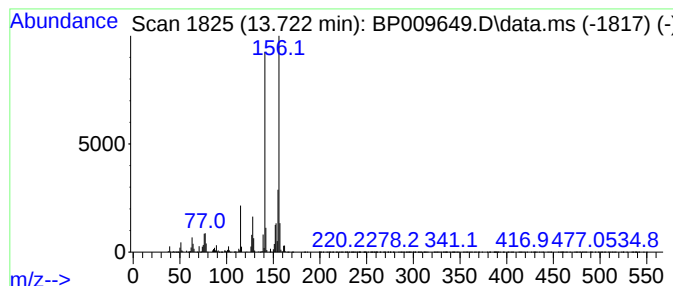
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	43.56 ng	18170000	Acenaphthene-d10	14.393

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
Operator : CG/JU
Sample : N2123-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220339-AMENDED-COMP-CS-1

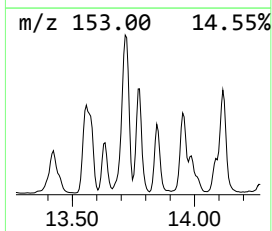
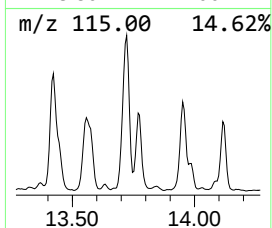
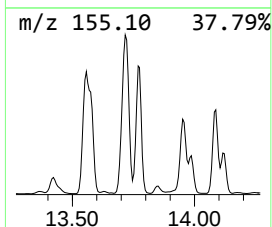
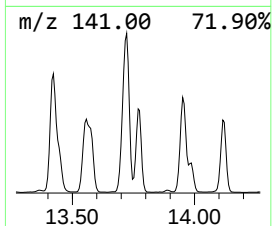
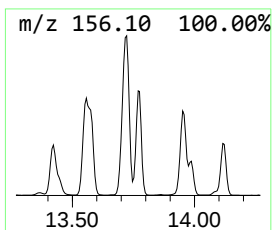
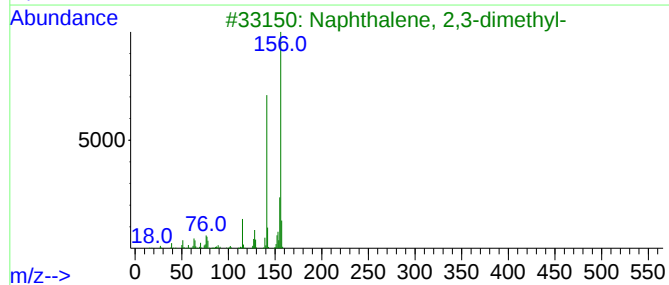
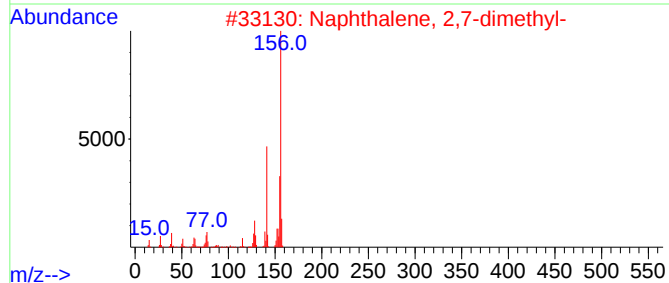
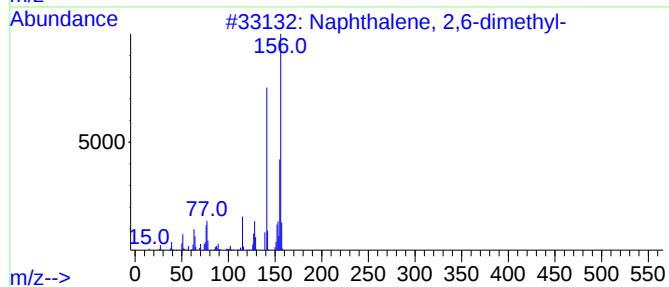
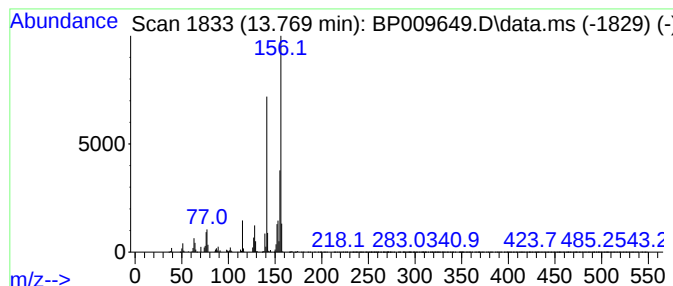
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.769	22.81 ng	9515050	Acenaphthene-d10	14.393

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
Operator : CG/JU
Sample : N2123-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220339-AMENDED-COMP-CS-1

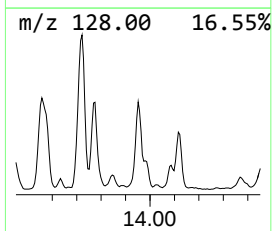
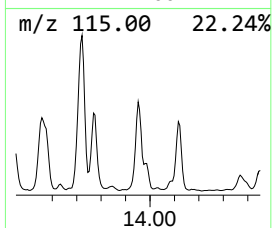
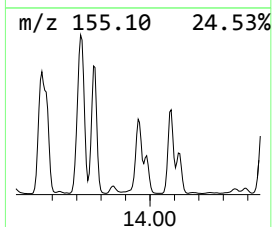
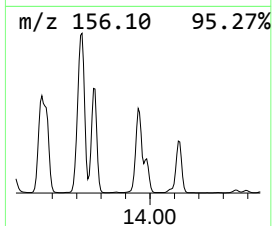
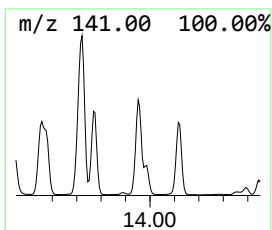
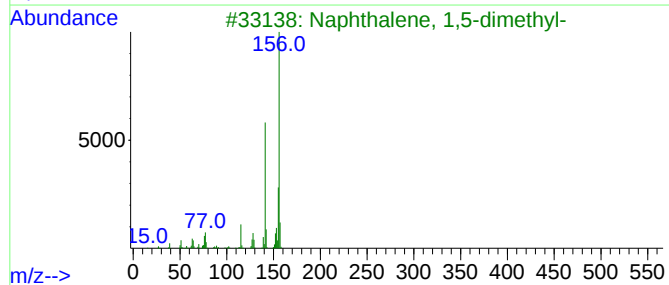
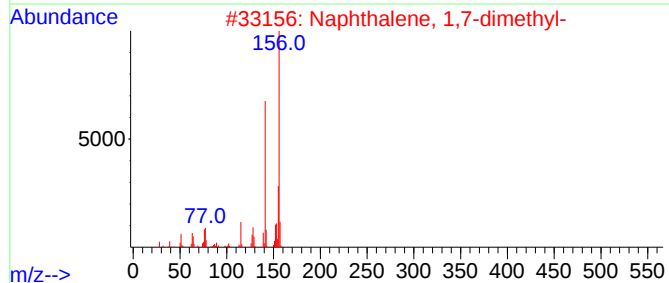
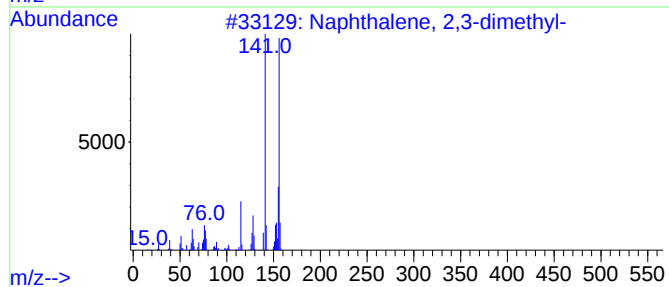
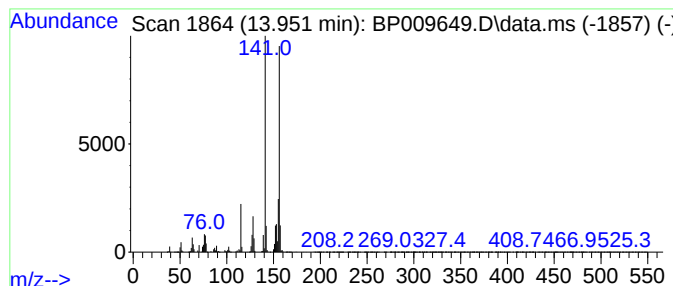
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	21.21 ng	8848760	Acenaphthene-d10	14.393

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
Operator : CG/JU
Sample : N2123-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

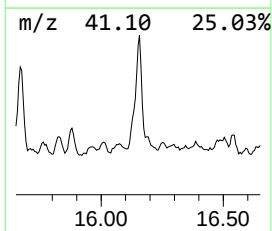
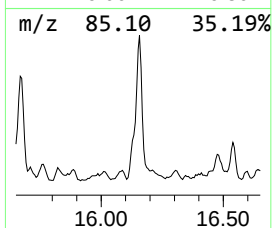
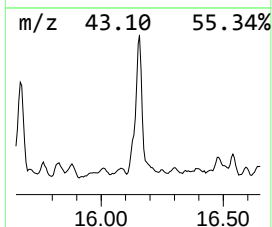
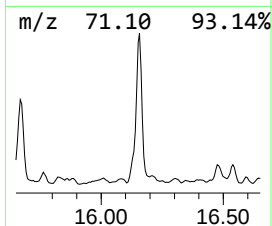
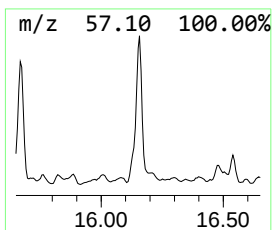
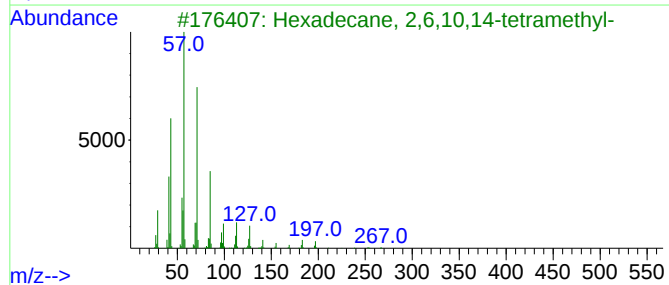
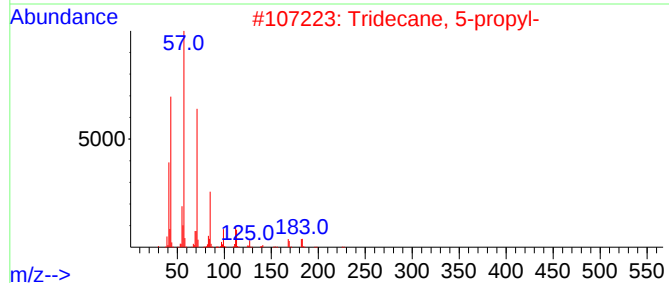
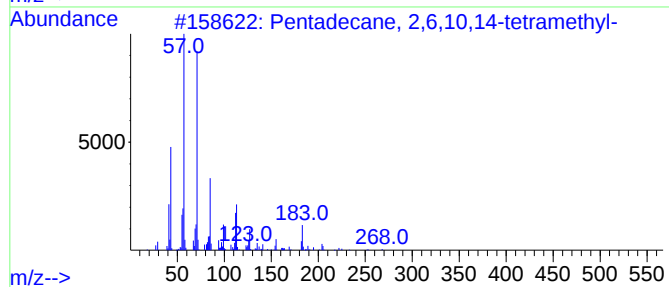
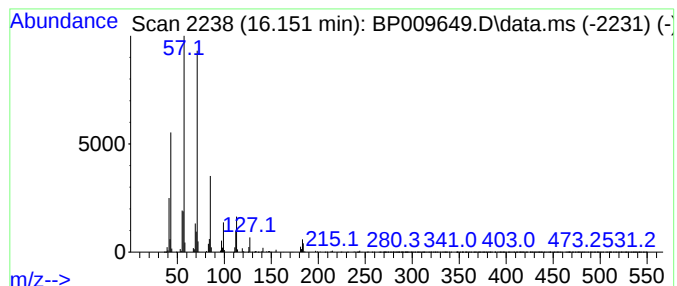
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ClientSampleId :
20220339-AMENDED-COMP-CS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane, 2,6,10,14-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.151	27.31 ng	5991770	Phenanthrene-d10		17.163	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	91
2	Tridecane, 5-propyl-		226	C16H34	055045-11-9	90
3	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	86
4	Heptadecane, 2,6-dimethyl-		268	C19H40	054105-67-8	86
5	Octadecane, 2,6-dimethyl-		282	C20H42	075163-97-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
Operator : CG/JU
Sample : N2123-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220339-AMENDED-COMP-CS-1

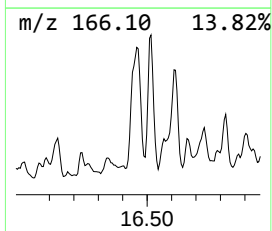
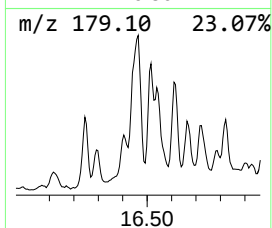
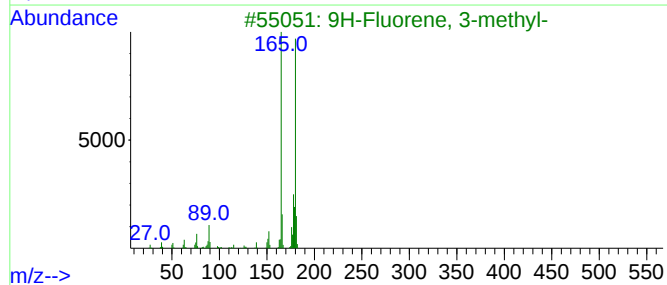
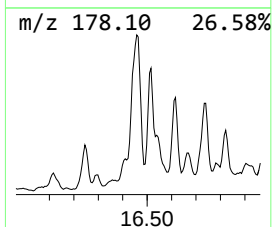
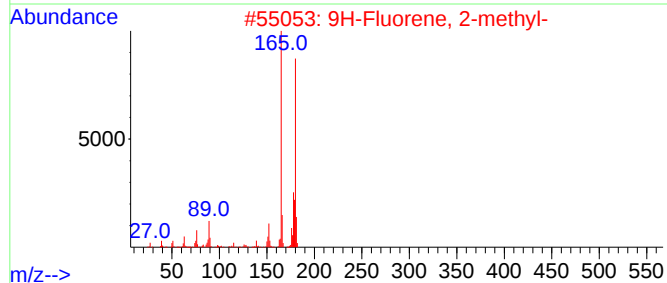
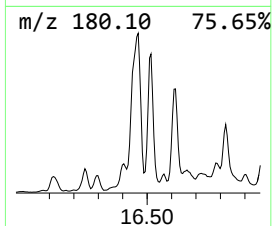
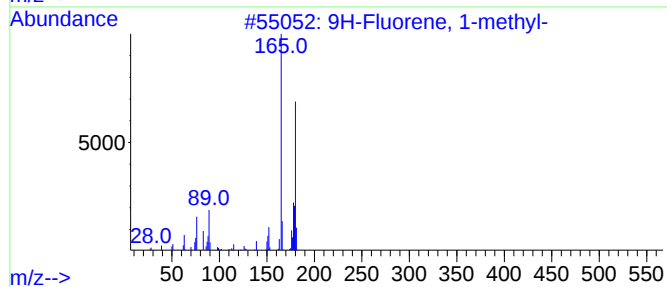
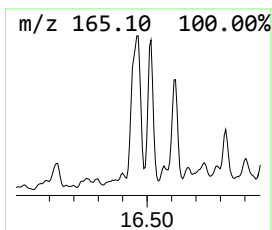
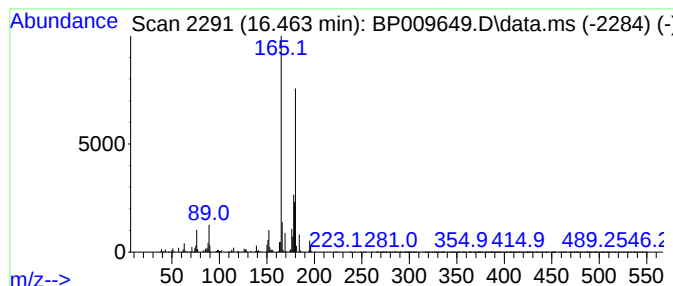
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.463	22.09 ng	4846830	Phenanthrene-d10	17.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
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Sample : N2123-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

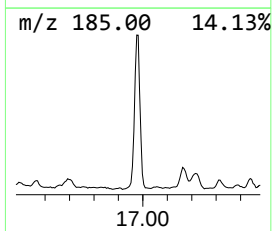
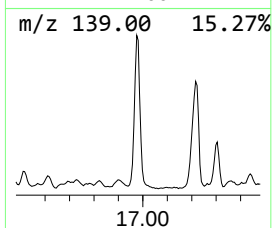
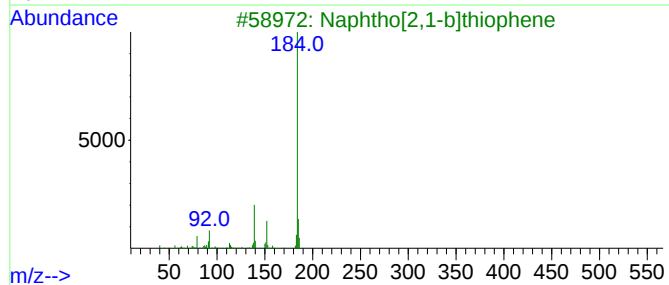
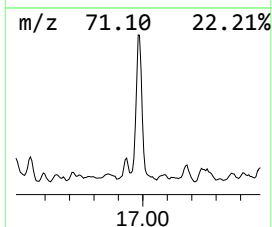
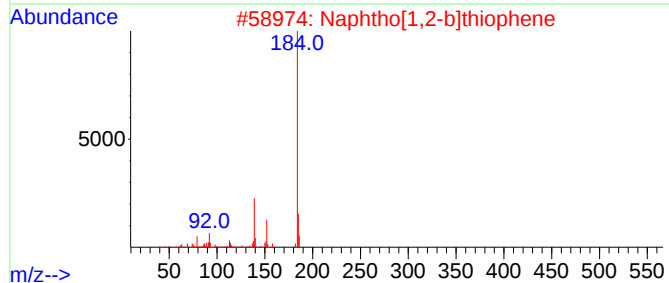
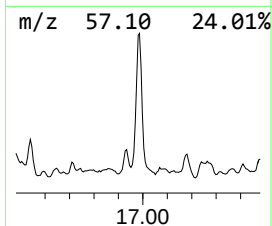
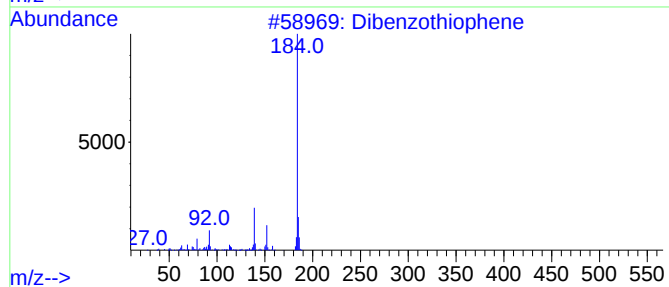
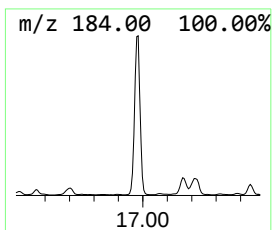
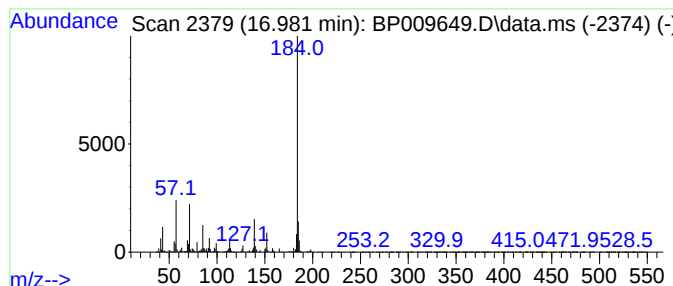
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.981	39.36 ng	8634510	Phenanthrene-d10			17.163
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dibenzothiophene		184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene		184	C12H8S	000234-41-3	93
3	Naphtho[2,1-b]thiophene		184	C12H8S	000233-02-3	93
4	Naphtho[2,3-b]thiophene		184	C12H8S	000268-77-9	89
5	Azuleno(2,1-b)thiophene		184	C12H8S	000248-13-5	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
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Acq On : 31 Mar 2022 20:39
Operator : CG/JU
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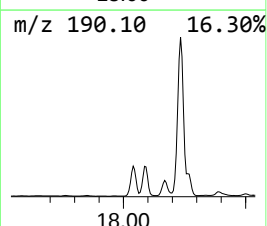
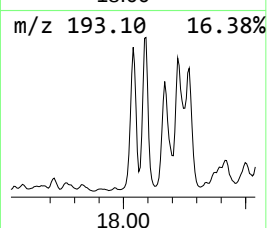
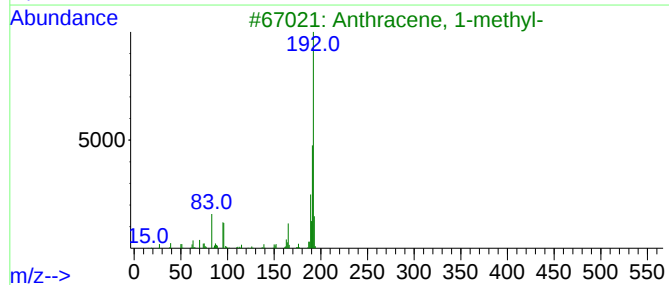
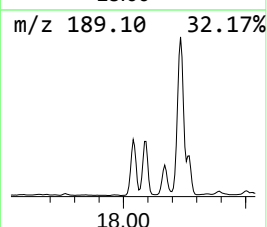
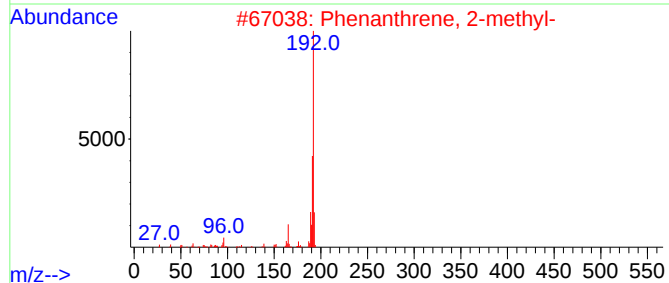
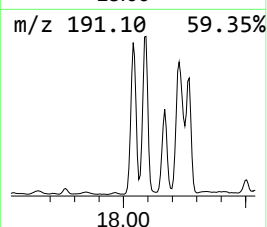
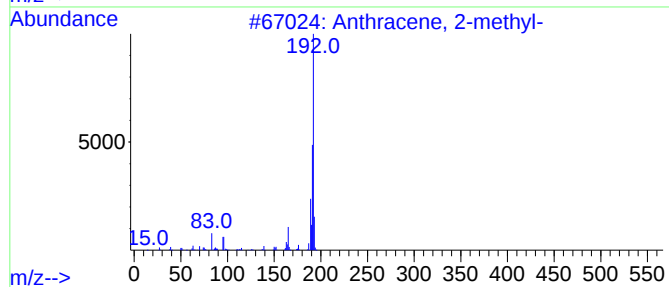
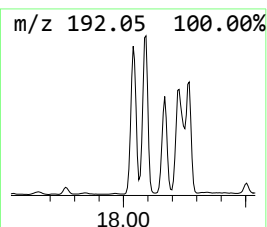
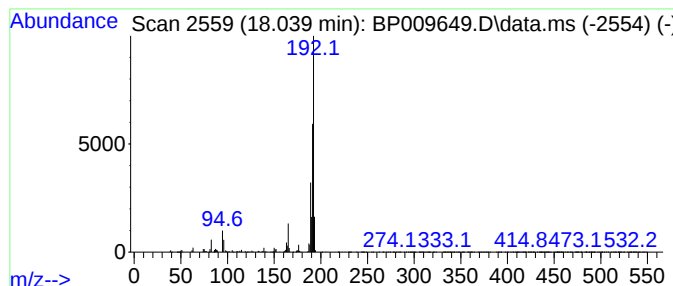
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	44.74 ng	9814440	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
Operator : CG/JU
Sample : N2123-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220339-AMENDED-COMP-CS-1

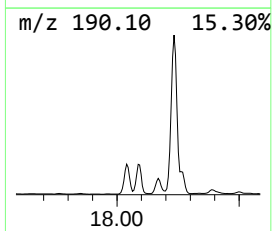
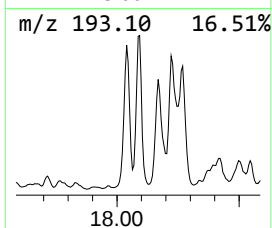
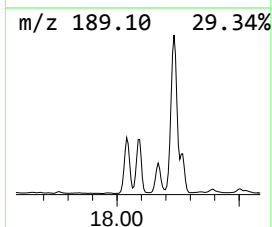
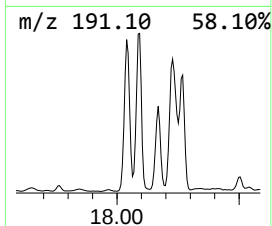
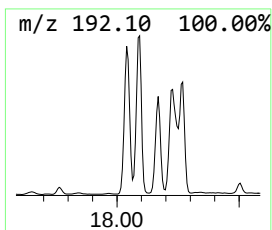
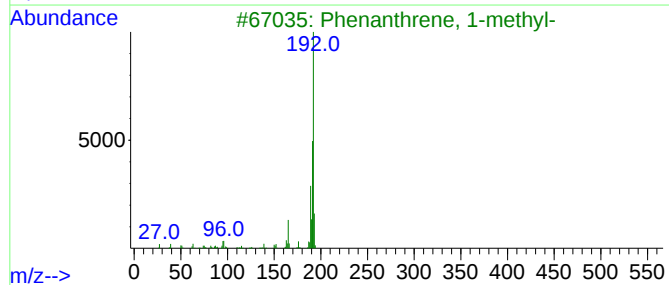
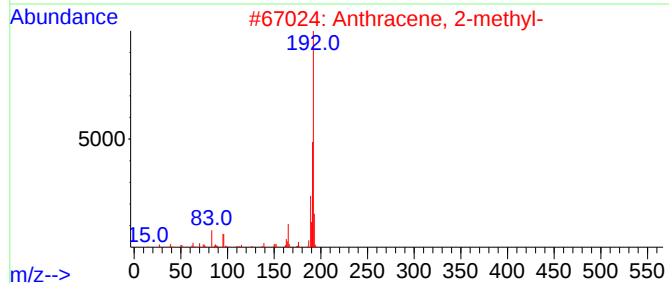
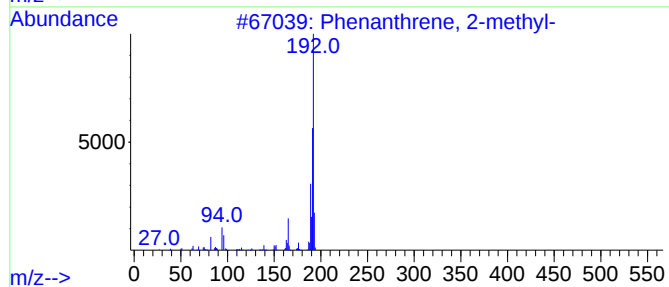
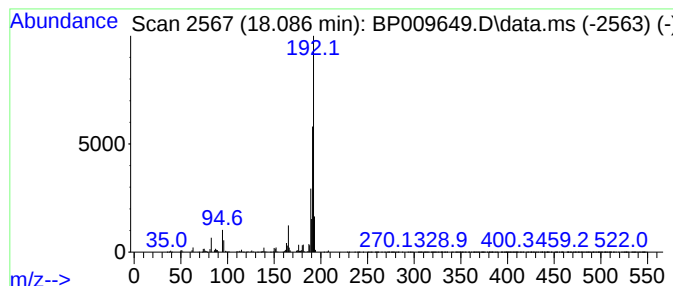
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	50.04 ng	10977300	Phenanthrene-d10	17.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
Operator : CG/JU
Sample : N2123-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220339-AMENDED-COMP-CS-1

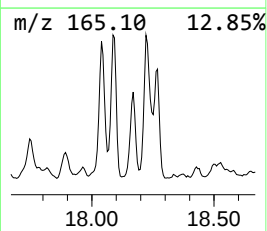
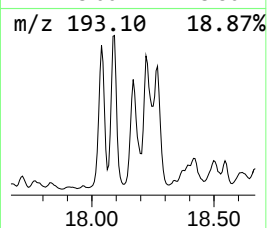
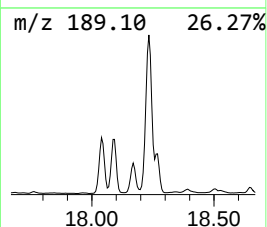
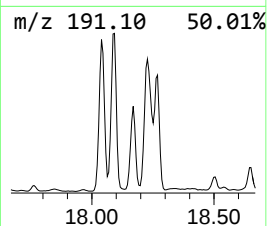
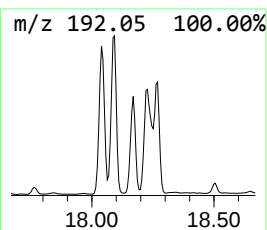
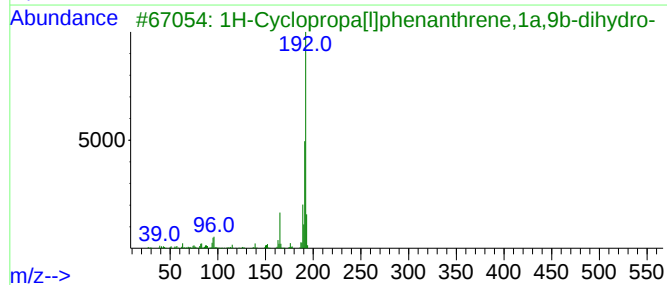
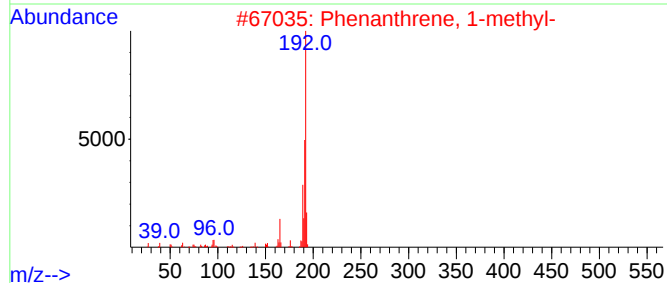
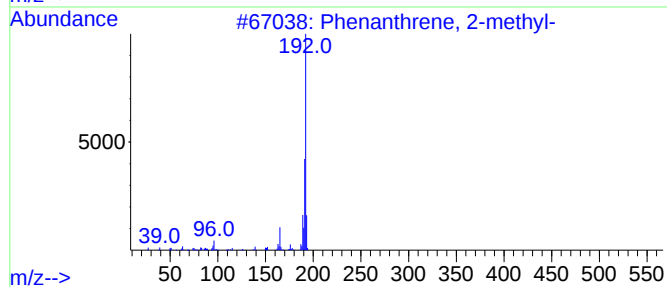
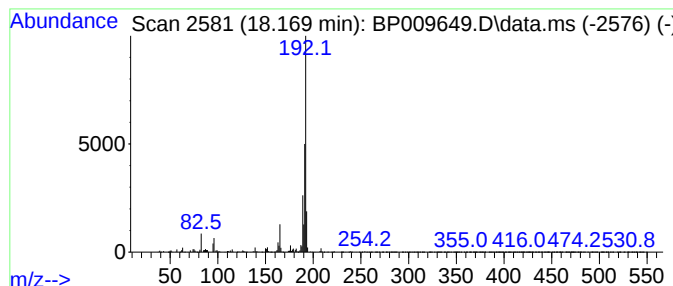
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	29.76 ng	6527820	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
Operator : CG/JU
Sample : N2123-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220339-AMENDED-COMP-CS-1

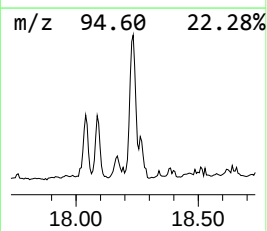
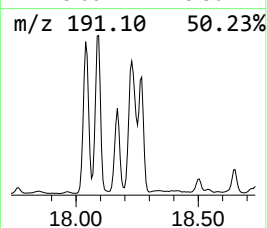
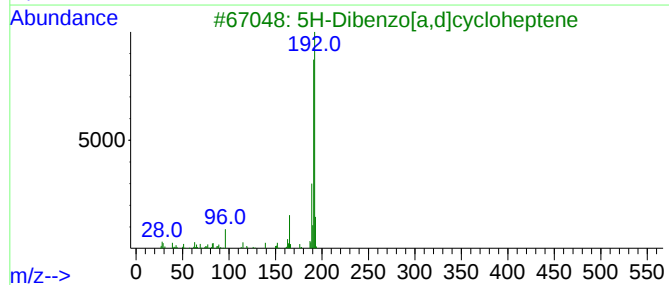
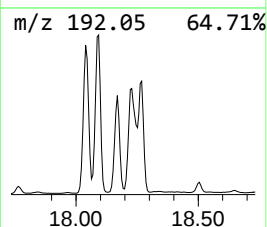
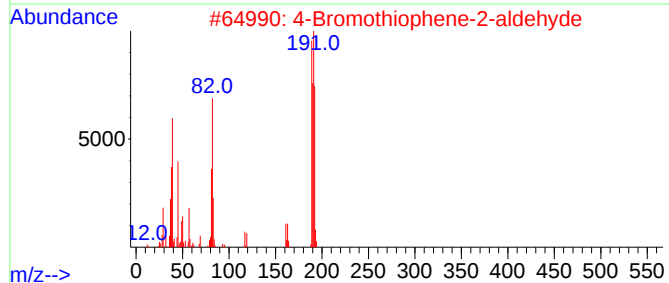
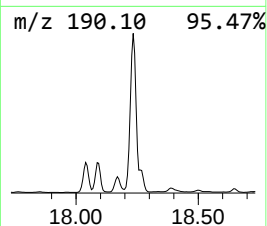
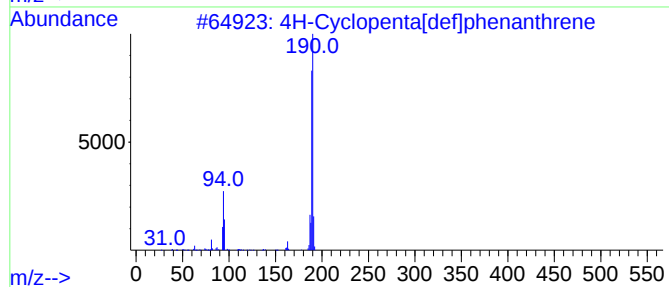
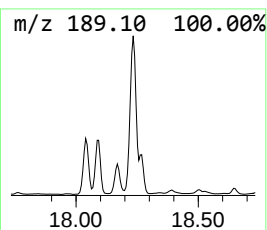
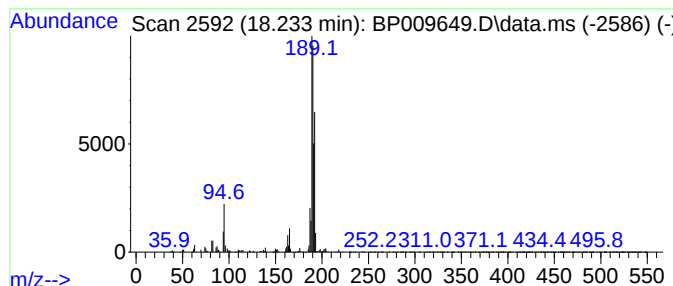
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	89.18 ng	19564300	Phenanthrene-d10	17.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
Operator : CG/JU
Sample : N2123-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20220339-AMENDED-COMP-CS-1

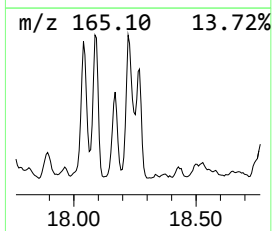
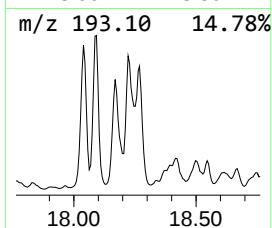
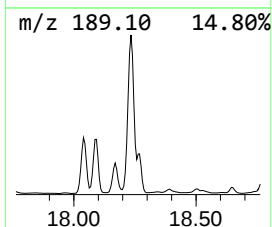
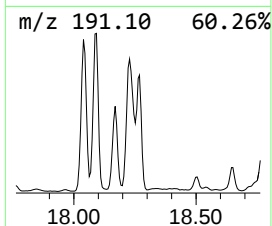
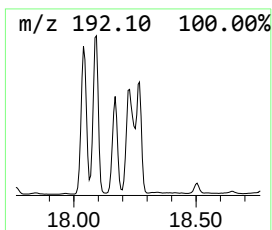
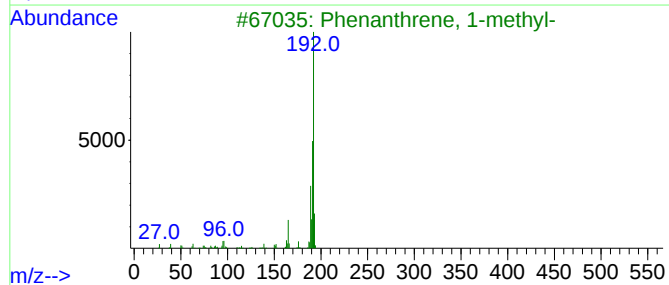
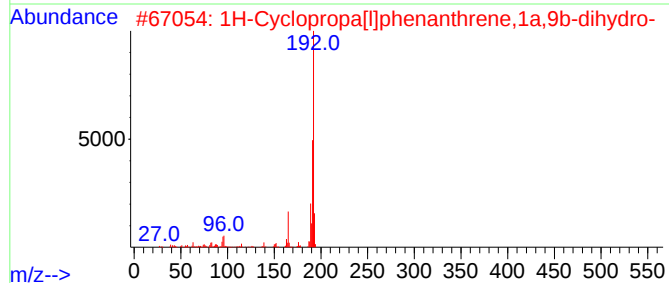
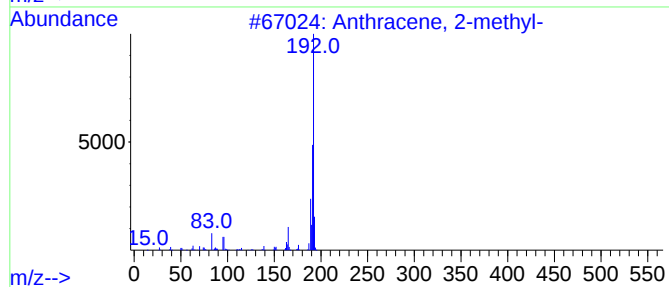
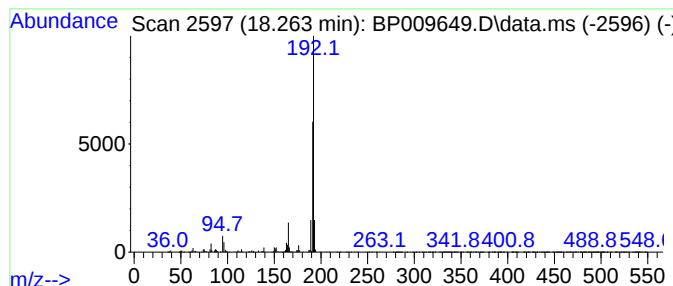
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	25.20 ng	5527440	Phenanthrene-d10	17.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
Operator : CG/JU
Sample : N2123-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20220339-AMENDED-COMP-CS-1

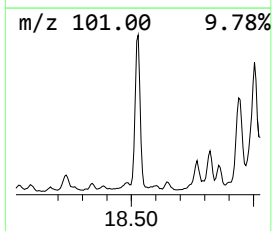
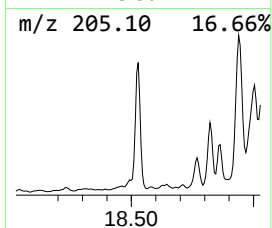
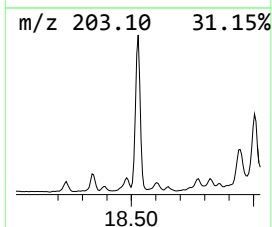
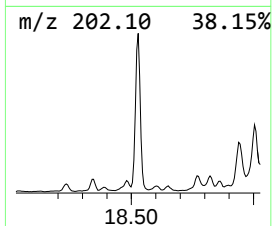
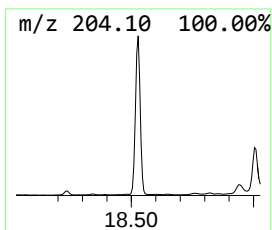
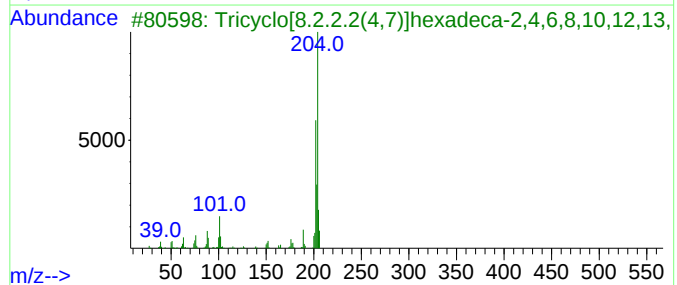
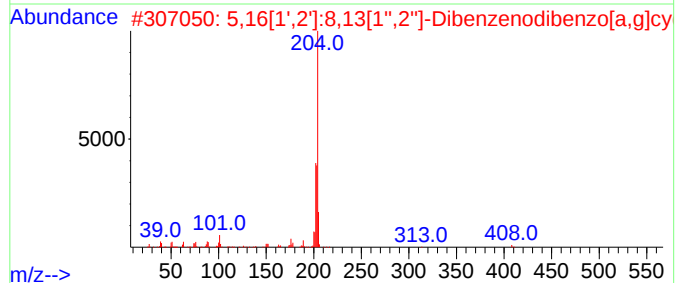
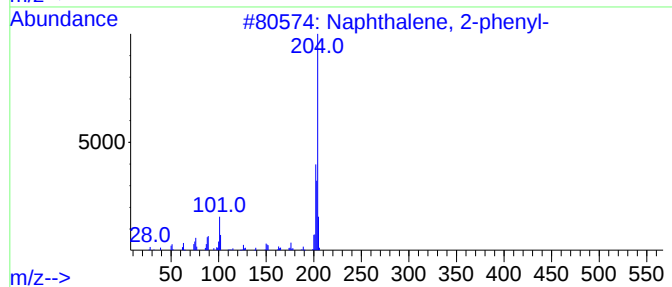
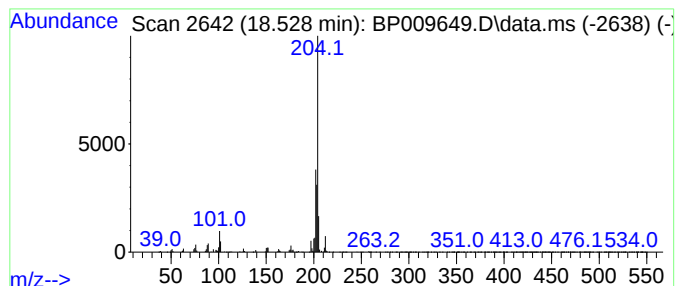
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.528	22.26 ng	4882720	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
4			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
Operator : CG/JU
Sample : N2123-02 5X
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ClientSampleId :
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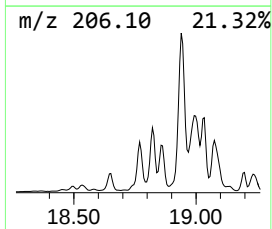
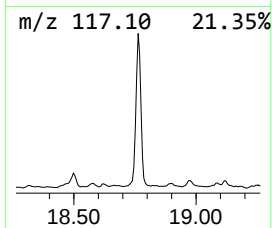
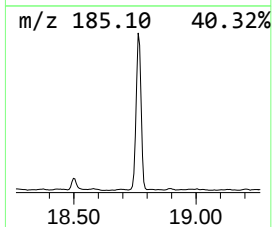
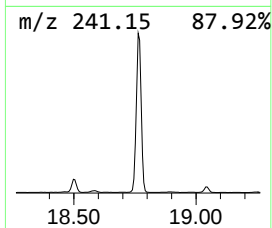
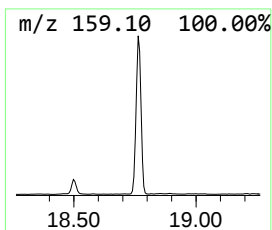
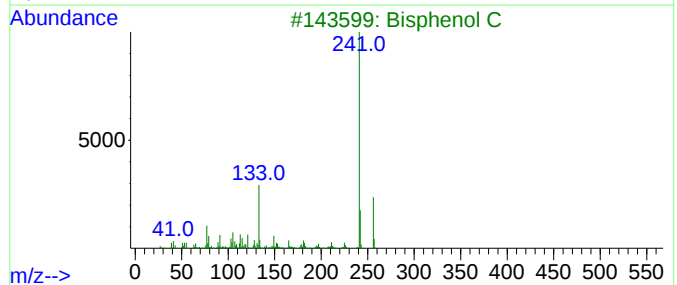
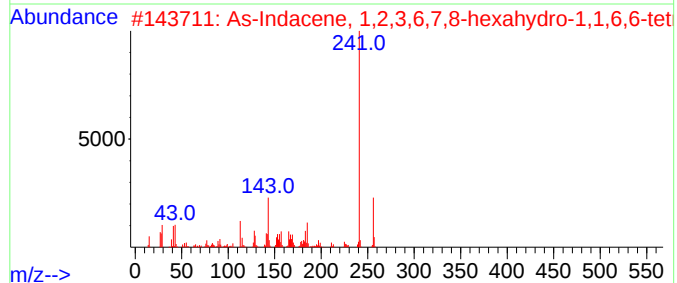
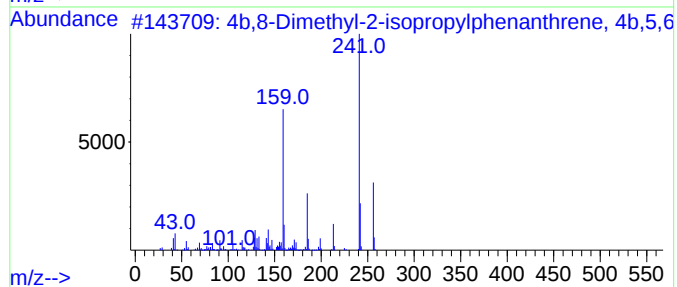
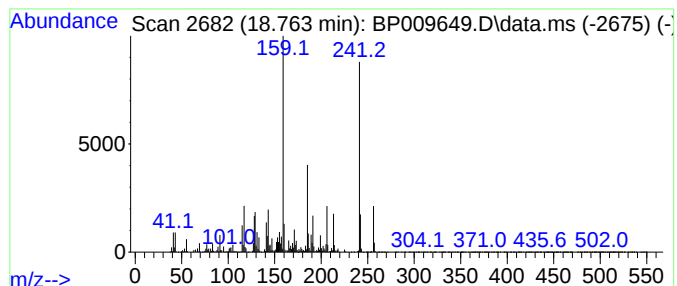
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.763	70.86 ng	15546000	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2			As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	30
3			Bisphenol C	256	C17H20O2	000079-97-0	30
4			4-Isopropylamino-N-isopropylbenz...	256	C12H20N2O2S	1010395-71-0	25
5			s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
Operator : CG/JU
Sample : N2123-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20220339-AMENDED-COMP-CS-1

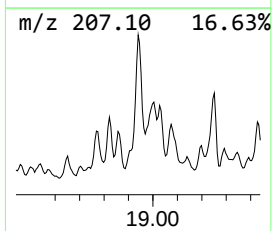
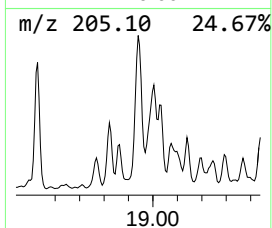
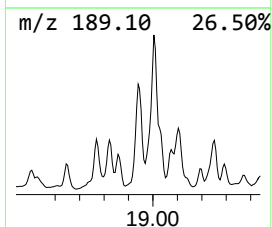
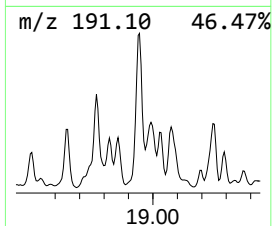
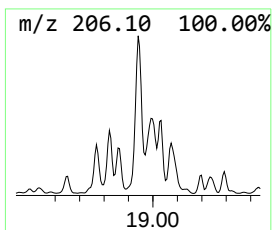
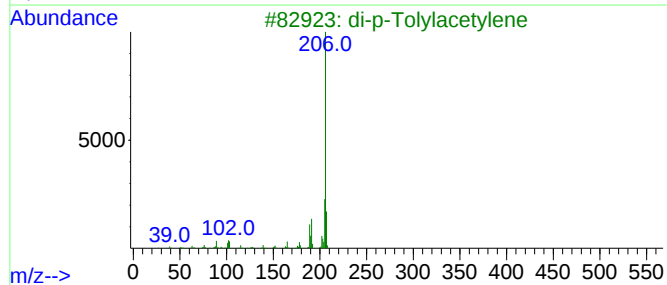
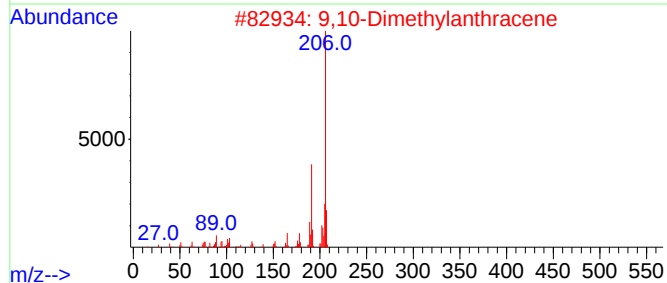
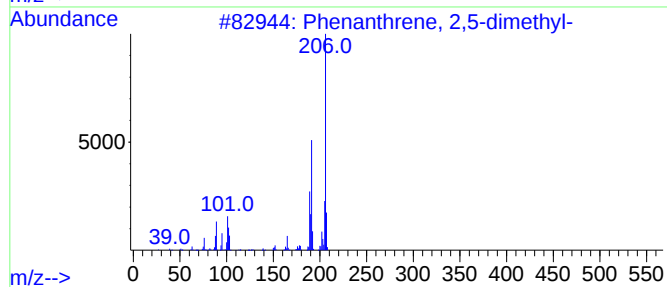
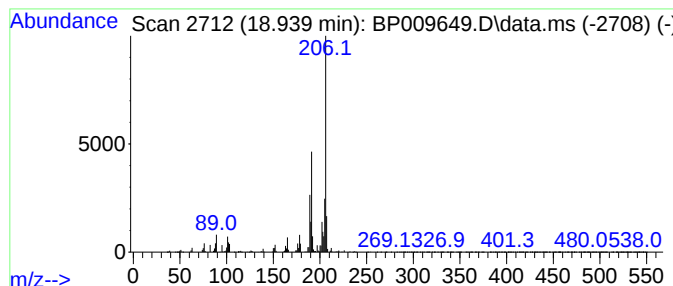
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	27.76 ng	6090980	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
Data File : BP009649.D
Acq On : 31 Mar 2022 20:39
Operator : CG/JU
Sample : N2123-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220339-AMENDED-COMP-CS-1

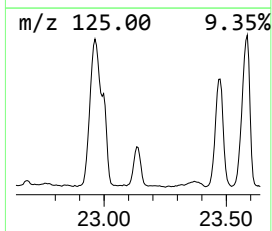
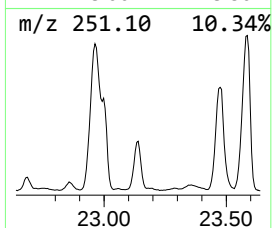
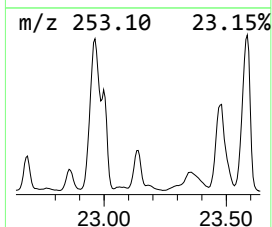
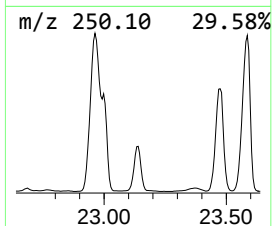
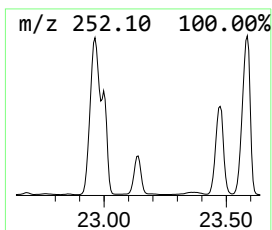
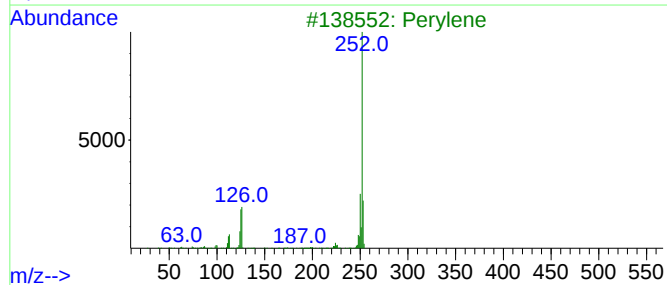
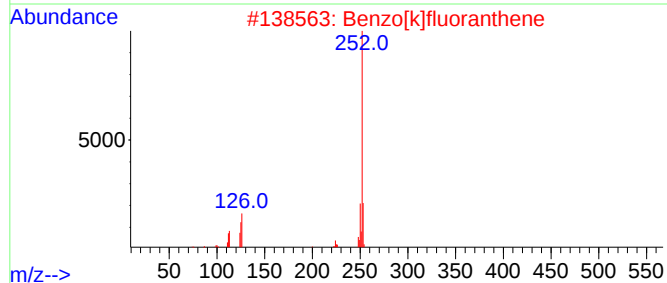
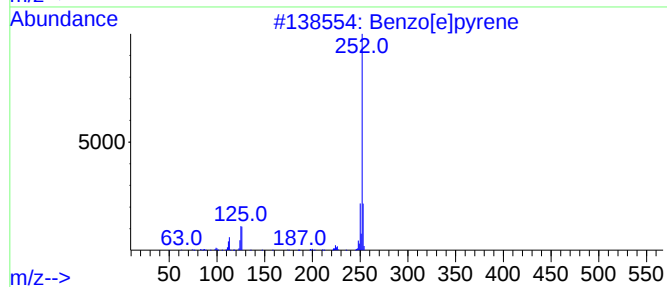
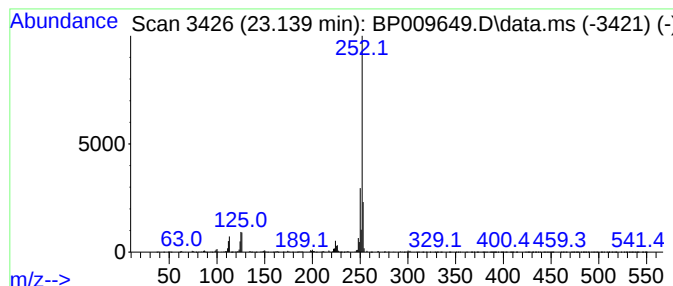
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.139	39.11 ng	5276800	Perylene-d12	23.680

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	98
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009649.D
 Acq On : 31 Mar 2022 20:39
 Operator : CG/JU
 Sample : N2123-02 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20220339-AMENDED-COMP-CS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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, 2-...	13.422	26.2	ng	10913500	3	14.393	8342970	20.0
Naphthalene, 2,...	13.557	37.5	ng	15659500	3	14.393	8342970	20.0
Naphthalene, 2,...	13.722	43.6	ng	18170000	3	14.393	8342970	20.0
Naphthalene, 2,...	13.769	22.8	ng	9515050	3	14.393	8342970	20.0
Naphthalene, 1,...	13.951	21.2	ng	8848760	3	14.393	8342970	20.0
Pentadecane, 2,...	16.151	27.3	ng	5991770	4	17.163	4387620	20.0
9H-Fluorene, 1-...	16.463	22.1	ng	4846830	4	17.163	4387620	20.0
Dibenzothiophene	16.981	39.4	ng	8634510	4	17.163	4387620	20.0
Anthracene, 2-m...	18.039	44.7	ng	9814440	4	17.163	4387620	20.0
Phenanthrene, 2...	18.086	50.0	ng	10977300	4	17.163	4387620	20.0
Phenanthrene, 1...	18.169	29.8	ng	6527820	4	17.163	4387620	20.0
4H-Cyclopenta[d...	18.233	89.2	ng	19564300	4	17.163	4387620	20.0
1H-Cyclopropa[l...	18.263	25.2	ng	5527440	4	17.163	4387620	20.0
Naphthalene, 2-...	18.528	22.3	ng	4882720	4	17.163	4387620	20.0
4b,8-Dimethyl-2...	18.763	70.9	ng	15546000	4	17.163	4387620	20.0
Phenanthrene, 2...	18.939	27.8	ng	6090980	4	17.163	4387620	20.0
Benzo[e]pyrene	23.139	39.1	ng	5276800	6	23.680	2698480	20.0