

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129615.D
 Acq On : 05 Aug 2022 23:32
 Operator : CG\JU
 Sample : N3960-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-160

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_F\Methods\8270-BF072522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129615.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	472	475	483	rVB	108530	130220	3.69%	0.375%
2	5.487	540	544	556	rBV	3518854	3121371	88.40%	8.987%
3	6.498	711	716	719	rBV	3567480	3202818	90.71%	9.222%
4	6.845	772	775	779	rBV	1083477	862432	24.43%	2.483%
5	7.410	866	871	874	rBV	2071125	1973363	55.89%	5.682%
6	8.128	989	993	996	rBV	1308793	1051781	29.79%	3.028%
7	9.204	1171	1176	1179	rBV	4047479	3530899	100.00%	10.166%
8	9.604	1240	1244	1250	rVB2	42615	47228	1.34%	0.136%
9	9.745	1264	1268	1271	rBV	200807	167273	4.74%	0.482%
10	9.880	1284	1291	1295	rBV	1140712	989453	28.02%	2.849%
11	10.339	1365	1369	1371	rBV	41273	38922	1.10%	0.112%
12	10.445	1382	1387	1391	rVB2	31970	47141	1.34%	0.136%
13	10.675	1422	1426	1440	rVV	2206709	1884463	53.37%	5.426%
14	10.792	1440	1446	1452	rVB6	29858	53009	1.50%	0.153%
15	11.374	1541	1545	1547	rBV	892826	868751	24.60%	2.501%
16	11.392	1547	1548	1554	rVB	312114	250948	7.11%	0.723%
17	11.445	1554	1557	1560	rBV	94173	74420	2.11%	0.214%
18	11.704	1598	1601	1605	rBV2	47339	45420	1.29%	0.131%
19	11.751	1606	1609	1613	rBV2	96697	88447	2.50%	0.255%
20	11.874	1624	1630	1631	rBV	213967	236004	6.68%	0.680%
21	11.898	1631	1634	1637	rVV2	278988	326598	9.25%	0.940%
22	11.945	1640	1642	1645	rVV	51546	47141	1.34%	0.136%
23	11.980	1645	1648	1651	rVV2	204395	218396	6.19%	0.629%
24	12.010	1651	1653	1658	rVB	147354	124076	3.51%	0.357%
25	12.057	1658	1661	1663	rBV2	49048	50578	1.43%	0.146%
26	12.169	1673	1680	1682	rBV4	81999	105376	2.98%	0.303%
27	12.198	1682	1685	1690	rVB	76341	78249	2.22%	0.225%
28	12.316	1700	1705	1708	rBV2	87369	119467	3.38%	0.344%
29	12.351	1708	1711	1713	rVV	126771	113288	3.21%	0.326%
30	12.374	1713	1715	1717	rVB	87870	64309	1.82%	0.185%
31	12.421	1719	1723	1726	rBV	286816	292496	8.28%	0.842%
32	12.457	1726	1729	1731	rVV3	228735	241968	6.85%	0.697%
33	12.480	1731	1733	1735	rVB	98178	69878	1.98%	0.201%
34	12.510	1735	1738	1742	rBV4	138307	159678	4.52%	0.460%
35	12.586	1748	1751	1755	rBV	492726	400198	11.33%	1.152%
36	12.627	1755	1758	1760	rVV2	57090	48881	1.38%	0.141%

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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_F\Methods\8270-BF072522.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.680	1764	1767	1770	rBV	92857	81616	2.31%	0.235%
38	12.763	1779	1781	1785	rVB2	48973	45022	1.28%	0.130%
39	12.816	1785	1790	1796	rBV	799873	850469	24.09%	2.449%
40	12.868	1796	1799	1802	rBV2	156995	161385	4.57%	0.465%
41	12.927	1805	1809	1810	rBV	48887	48174	1.36%	0.139%
42	12.957	1810	1814	1817	rBV	3662893	3164009	89.61%	9.110%
43	13.033	1824	1827	1834	rBV3	155228	251022	7.11%	0.723%
44	13.092	1834	1837	1839	rBV2	48102	44782	1.27%	0.129%
45	13.121	1839	1842	1844	rBV3	134123	164264	4.65%	0.473%
46	13.251	1861	1864	1867	rVB	266419	215789	6.11%	0.621%
47	13.345	1877	1880	1882	rBV	231135	191818	5.43%	0.552%
48	13.374	1882	1885	1887	rVV	194710	170899	4.84%	0.492%
49	13.404	1887	1890	1896	rVB2	68875	77089	2.18%	0.222%
50	13.457	1896	1899	1902	rBV3	48288	52058	1.47%	0.150%
51	13.516	1907	1909	1912	rBV4	43664	49741	1.41%	0.143%
52	13.633	1927	1929	1930	rBV2	49358	39906	1.13%	0.115%
53	13.657	1930	1933	1937	rVB	168679	174408	4.94%	0.502%
54	13.715	1940	1943	1945	rVB	105094	83524	2.37%	0.240%
55	13.815	1958	1960	1962	rBV2	45855	50596	1.43%	0.146%
56	13.863	1962	1968	1972	rVB3	241047	428074	12.12%	1.233%
57	14.015	1990	1994	1997	rBV2	1108594	1268096	35.91%	3.651%
58	14.045	1997	1999	2005	rVB	346845	310764	8.80%	0.895%
59	14.110	2005	2010	2014	rBV2	372778	424667	12.03%	1.223%
60	14.163	2016	2019	2021	rBV	106474	106680	3.02%	0.307%
61	14.368	2051	2054	2055	rBV	59803	52798	1.50%	0.152%
62	14.404	2055	2060	2063	rVB	240350	252876	7.16%	0.728%
63	14.439	2063	2066	2068	rBV	120038	107817	3.05%	0.310%
64	14.468	2068	2071	2074	rBV2	159831	167887	4.75%	0.483%
65	14.527	2079	2081	2083	rVB2	99579	81539	2.31%	0.235%
66	14.598	2090	2093	2096	rVB3	71433	71836	2.03%	0.207%
67	14.915	2144	2147	2152	rVB2	202220	256145	7.25%	0.738%
68	15.062	2168	2172	2175	rBV	217021	308506	8.74%	0.888%
69	15.110	2177	2180	2184	rVB	355878	396234	11.22%	1.141%
70	15.168	2185	2190	2202	rVB2	164147	369579	10.47%	1.064%
71	15.368	2220	2224	2229	rVB	193708	244849	6.93%	0.705%
72	15.427	2231	2234	2239	rVB	248241	299341	8.48%	0.862%
73	15.492	2240	2245	2249	rBV	650916	855483	24.23%	2.463%
74	15.692	2276	2279	2287	rVB4	140614	203395	5.76%	0.586%
75	15.921	2313	2318	2324	rVB	555926	849607	24.06%	2.446%
76	16.721	2450	2454	2460	rVB	131783	233252	6.61%	0.672%

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BNA_F
ClientSampleId :
RVE-160

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_F\Methods\8270-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.151	2691	2697	2706	rVB2	167872	400441	11.34%	1.153%
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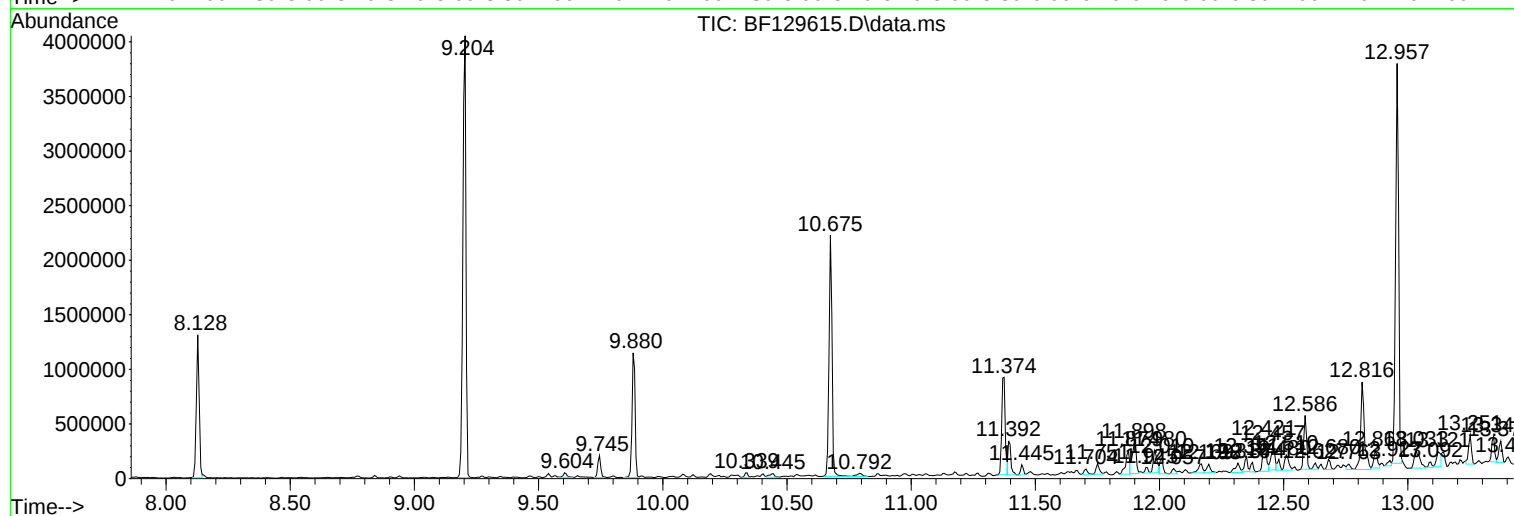
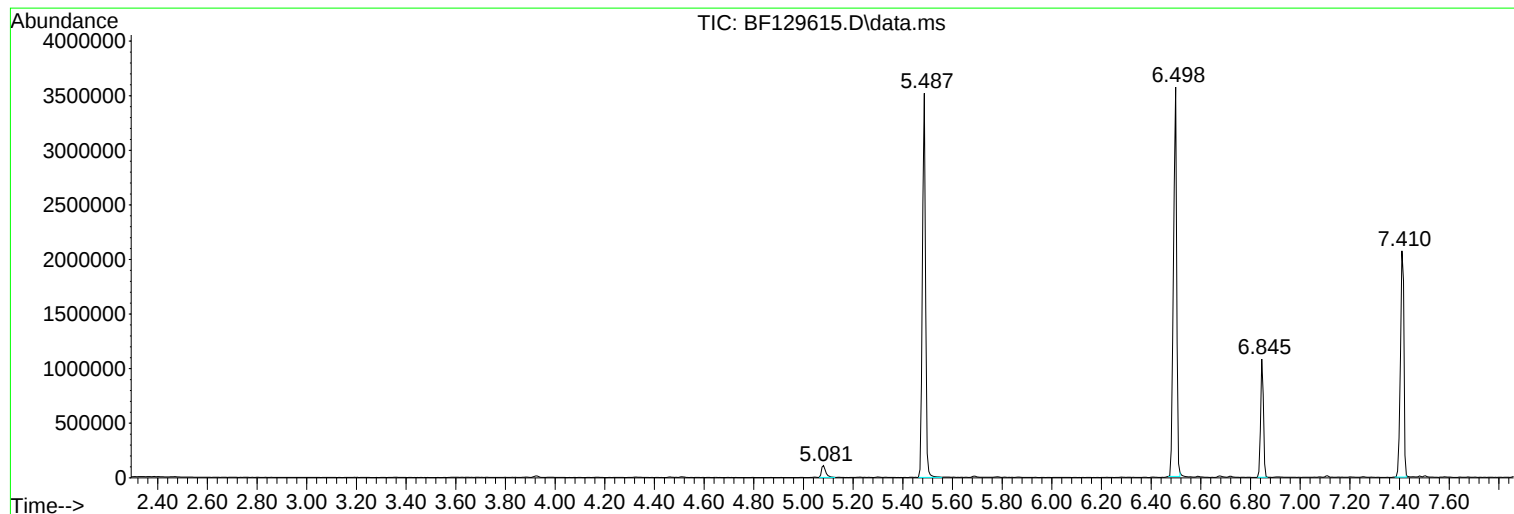
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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Operator : CG\JU
Sample : N3960-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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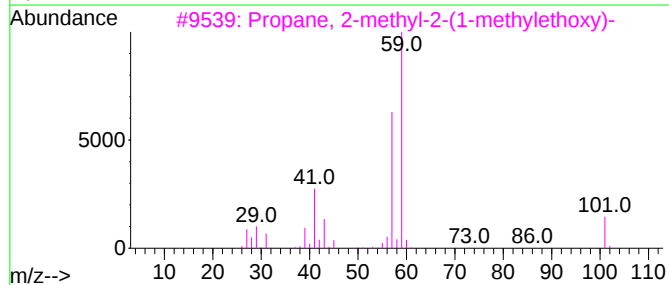
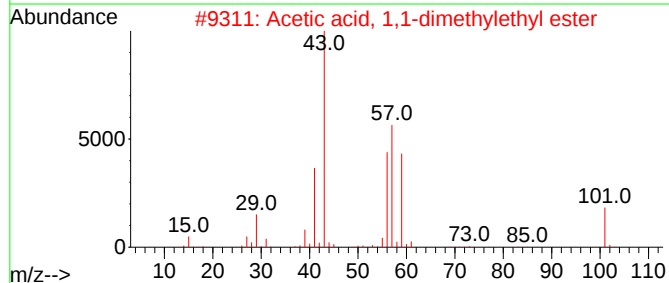
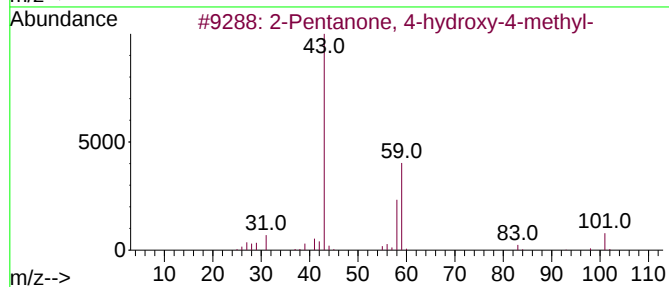
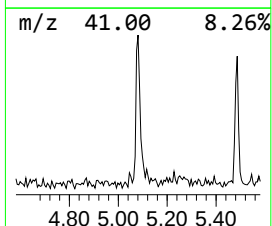
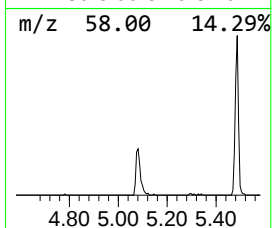
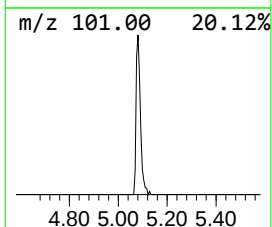
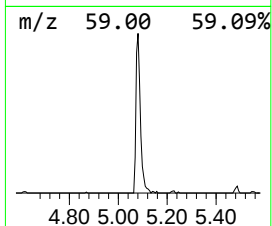
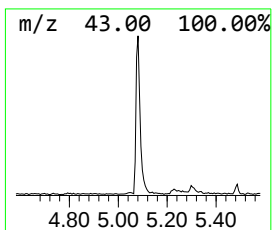
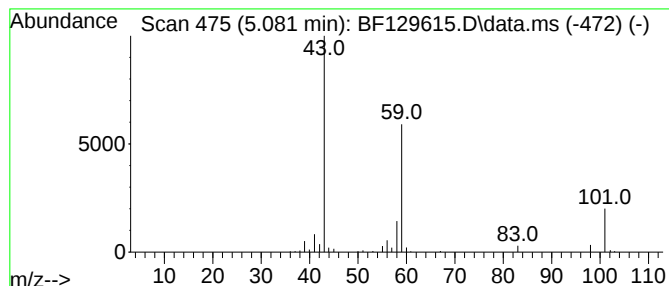
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	3.02 ng	130220	1,4-Dichlorobenzene-d4	6.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28		
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		



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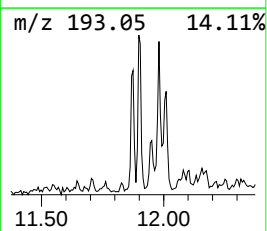
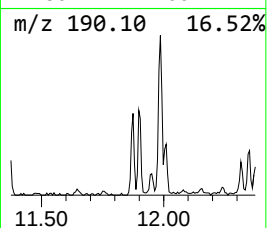
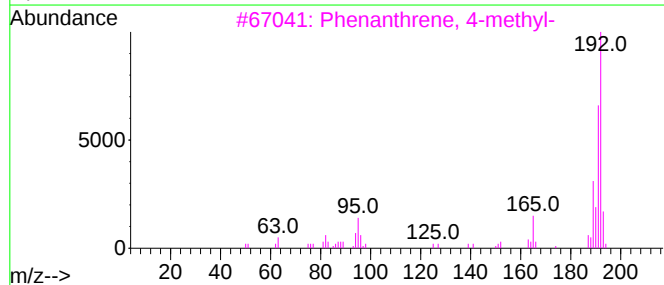
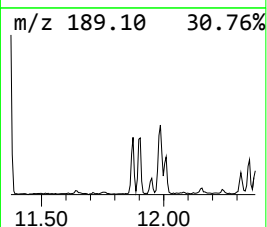
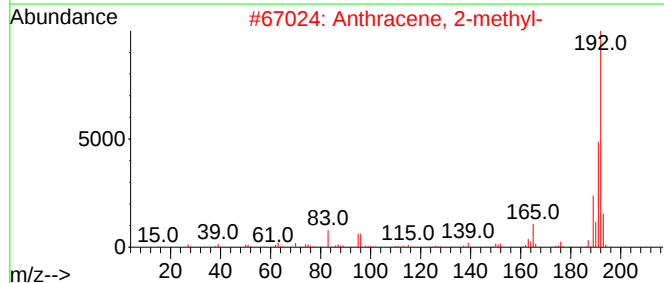
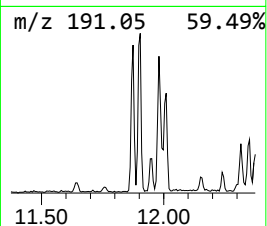
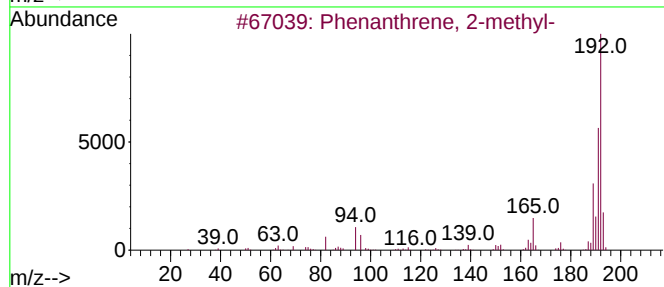
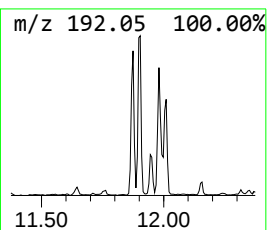
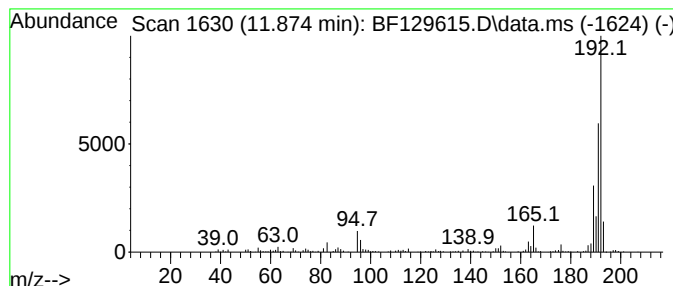
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	5.43 ng	236004	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



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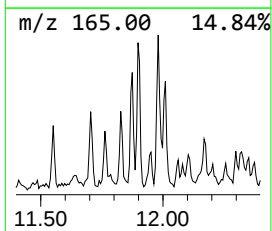
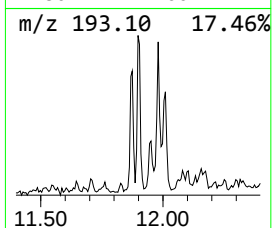
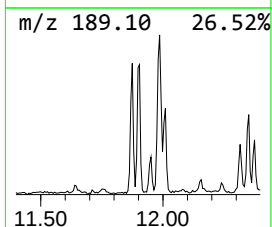
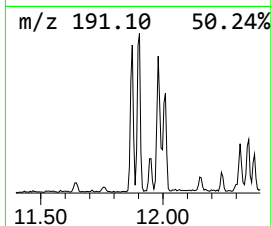
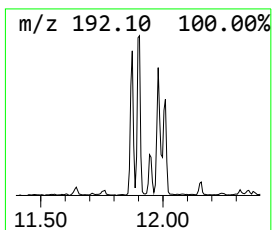
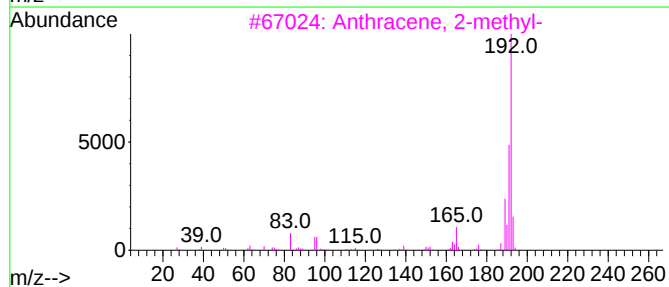
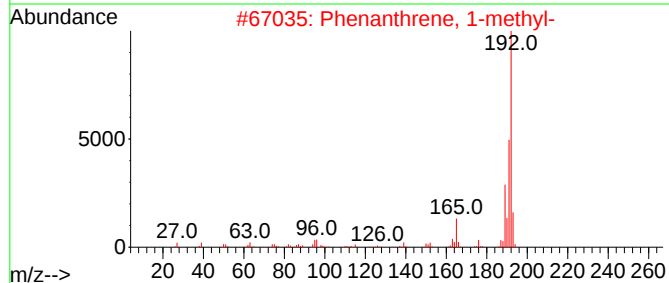
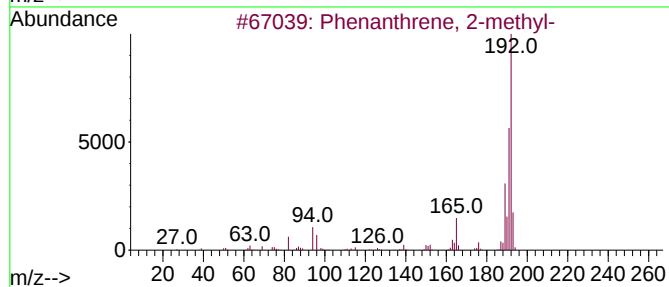
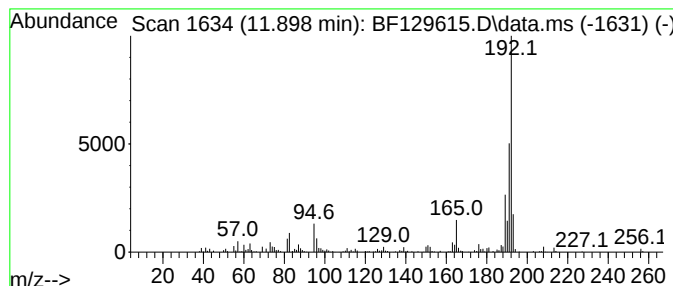
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	7.52 ng	326598	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



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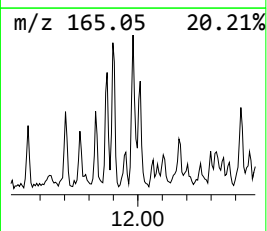
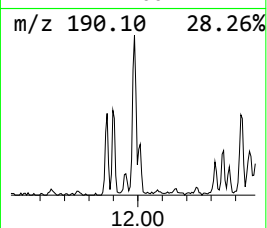
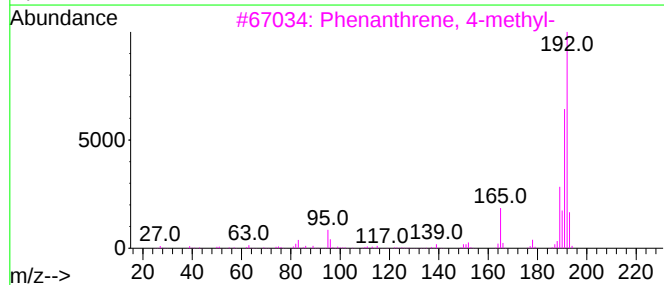
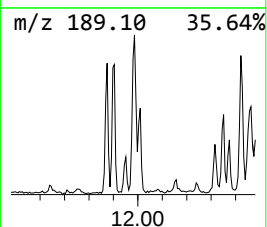
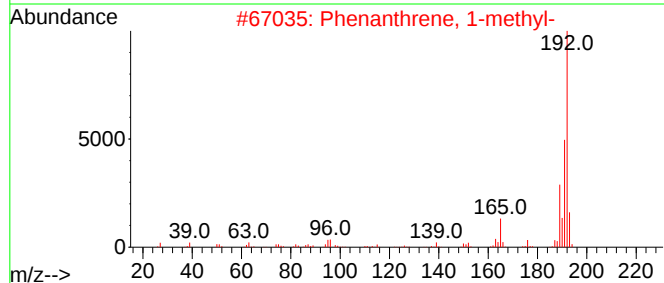
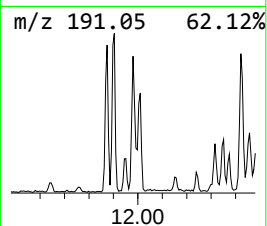
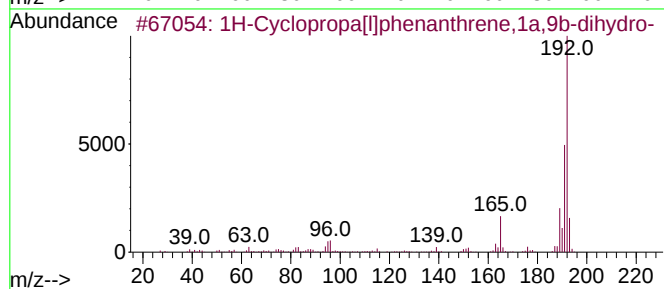
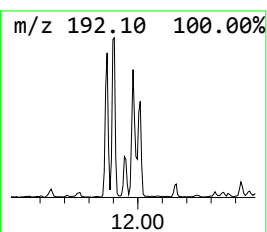
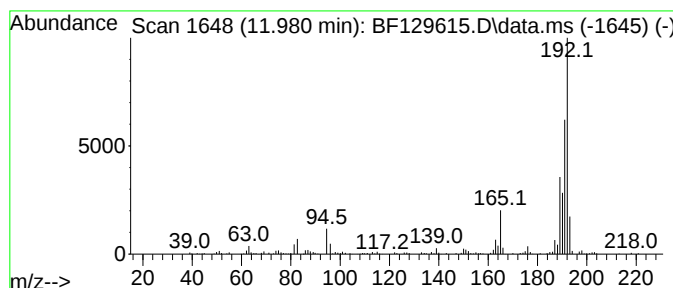
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	5.03 ng	218396	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
Sample : N3960-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-160

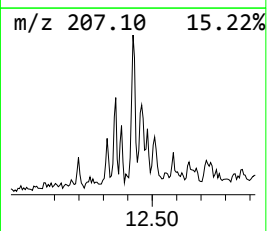
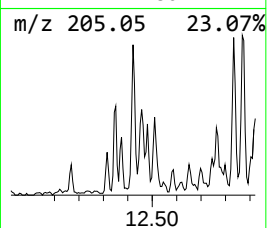
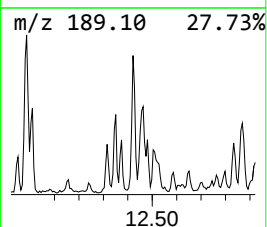
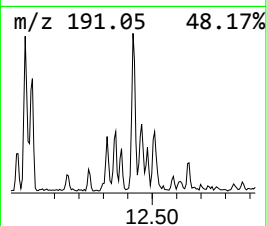
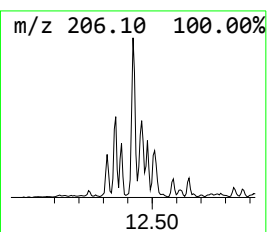
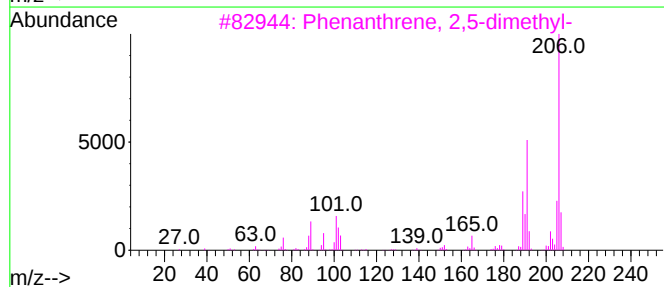
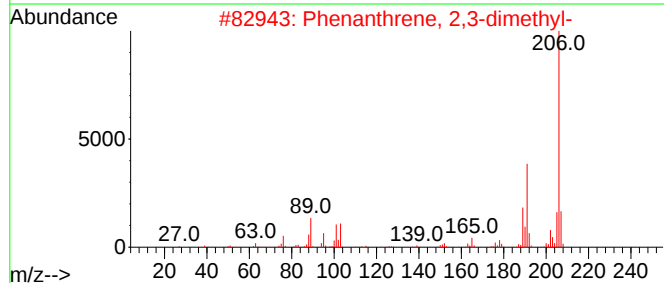
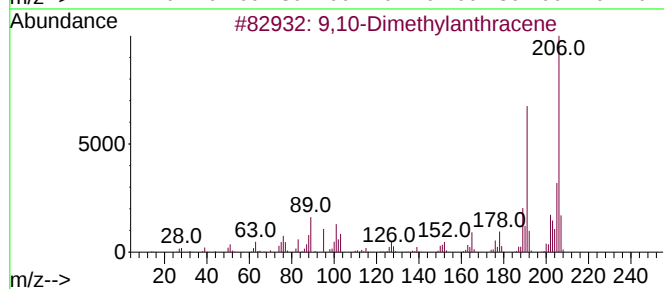
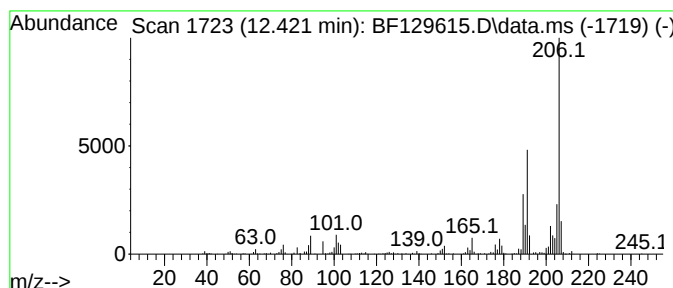
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	6.73 ng	292496	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	97
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
Sample : N3960-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-160

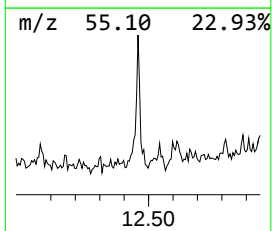
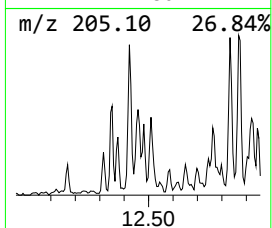
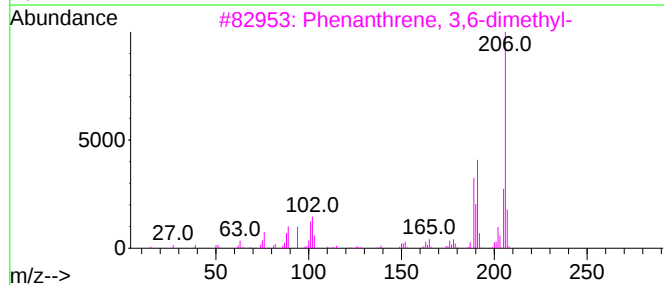
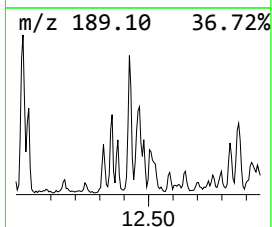
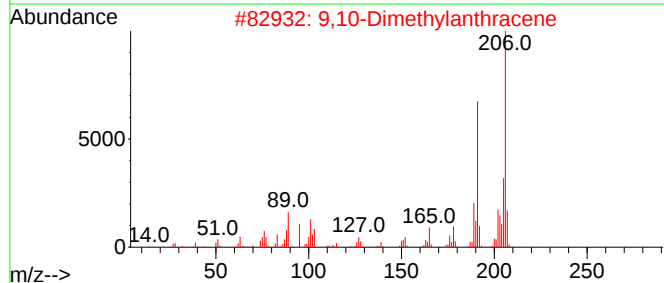
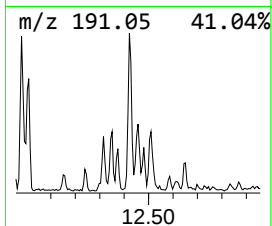
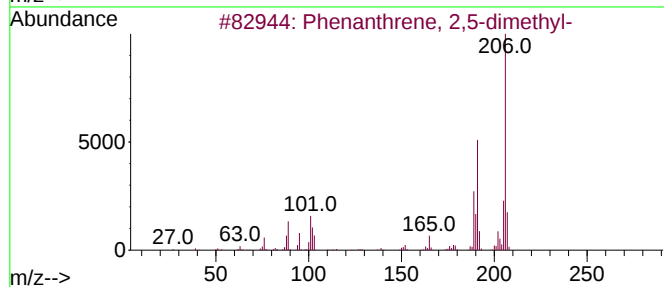
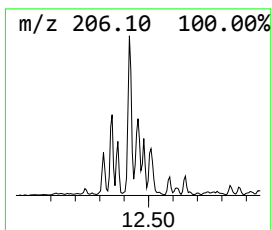
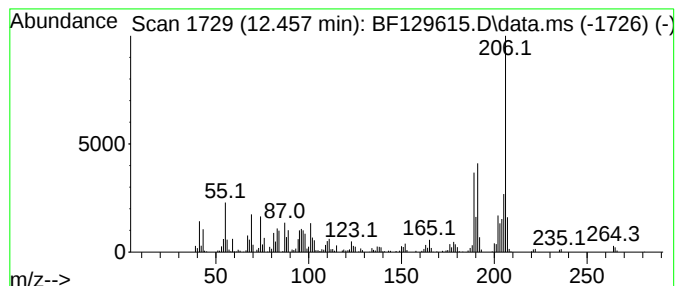
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	5.57 ng	241968	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
Sample : N3960-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

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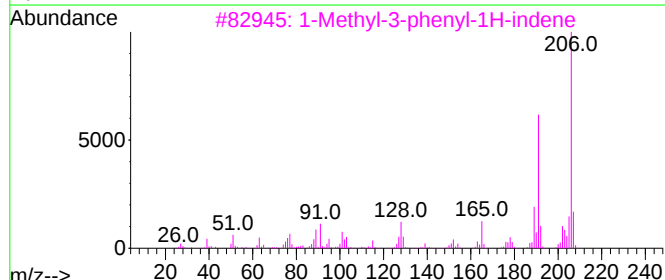
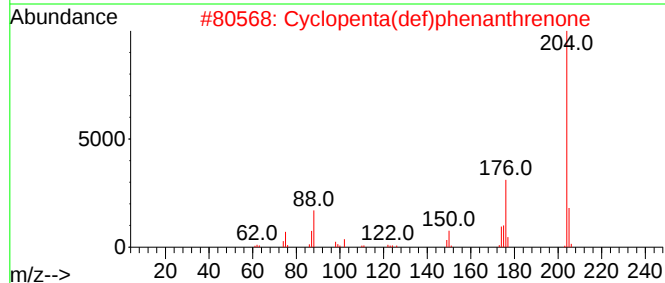
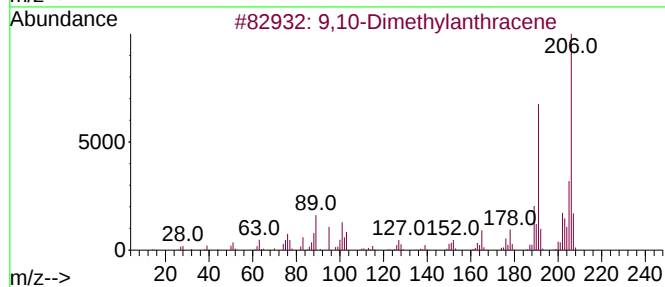
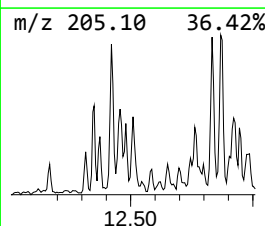
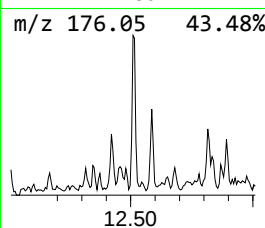
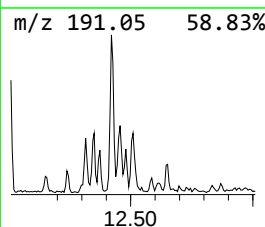
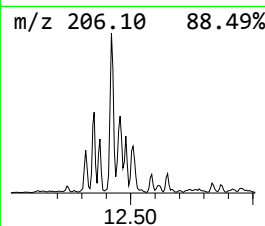
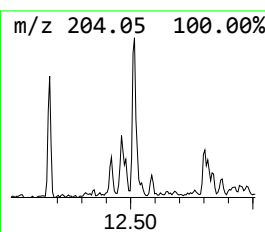
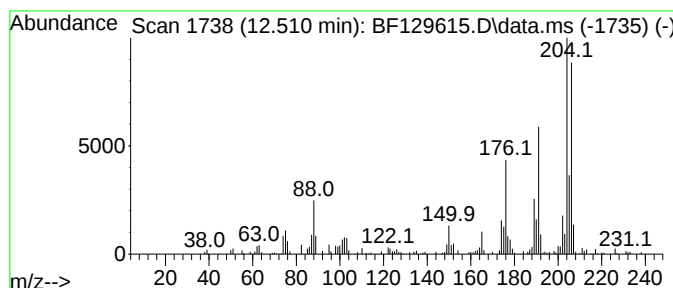
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclopenta(def)phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	3.68 ng	159678	Phenanthrene-d10	11.374

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
2		Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	86
3		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	64
4		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	50
5		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
Sample : N3960-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

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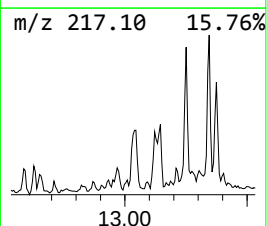
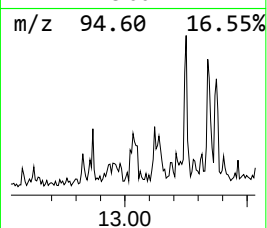
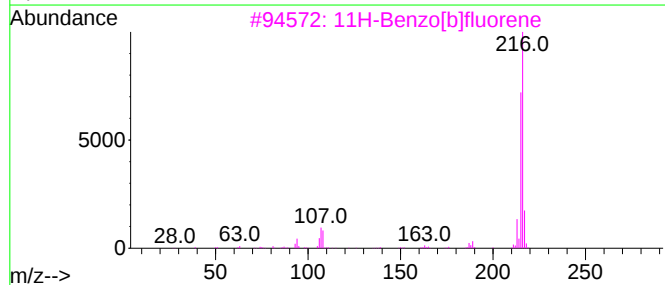
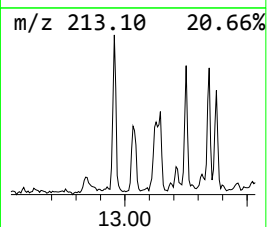
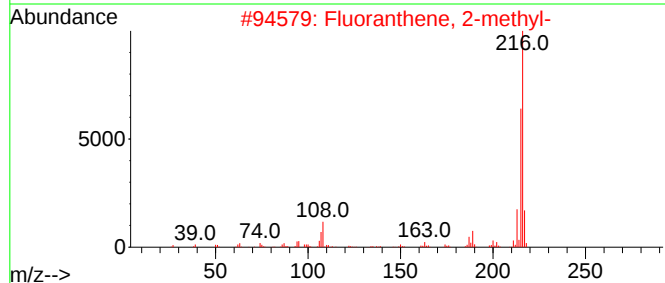
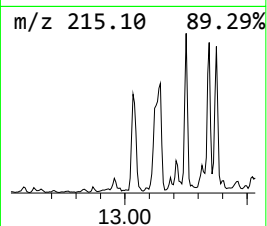
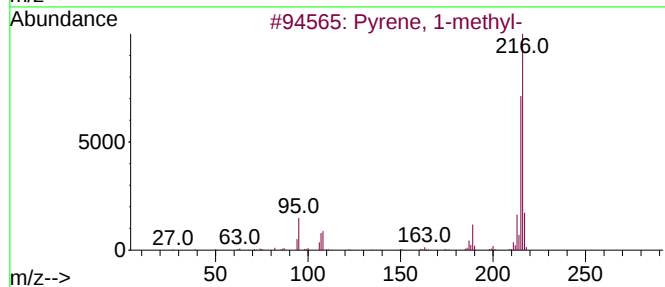
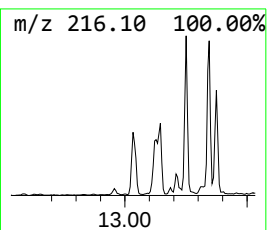
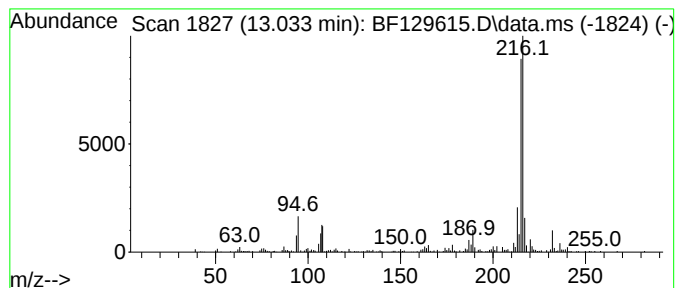
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.033	3.96 ng	251022	Chrysene-d12	14.015

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
Sample : N3960-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-160

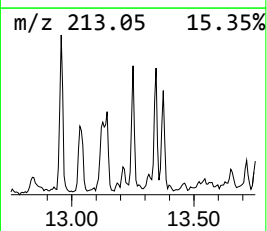
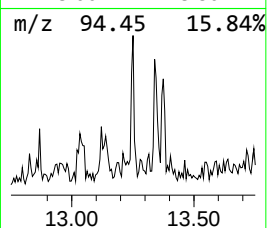
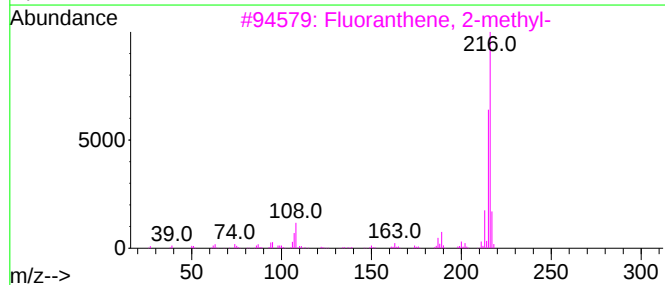
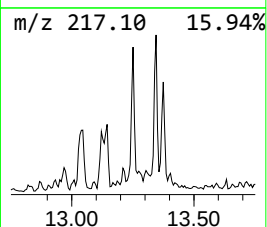
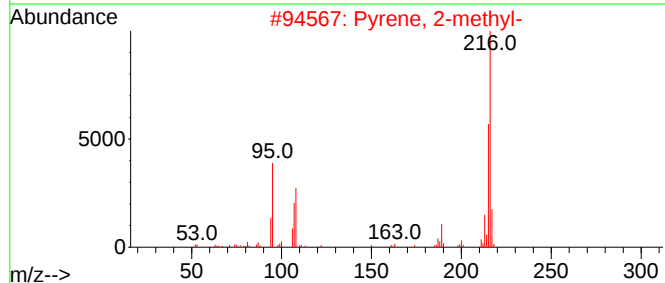
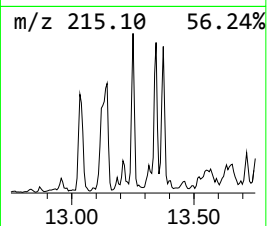
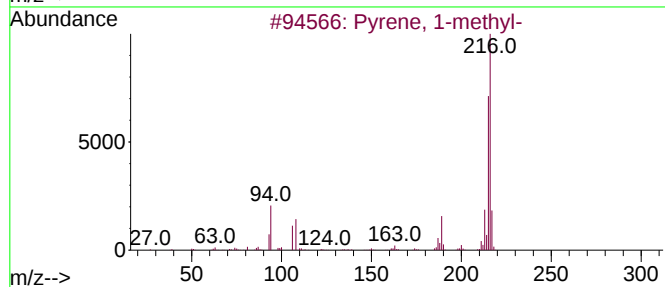
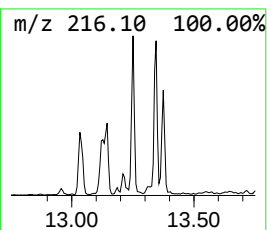
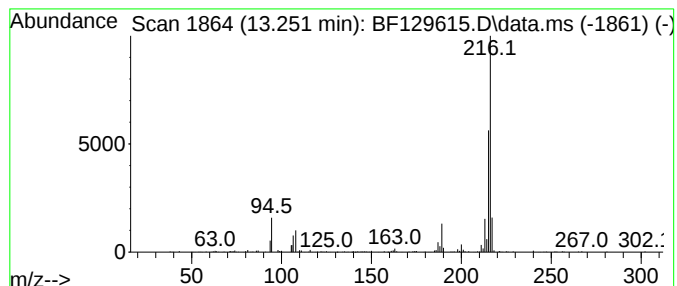
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	3.40 ng	215789	Chrysene-d12	14.015

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	95
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
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Sample : N3960-13
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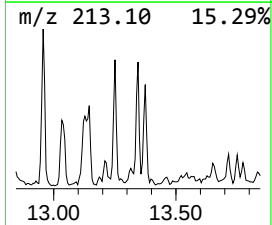
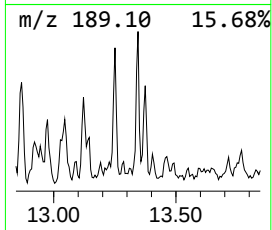
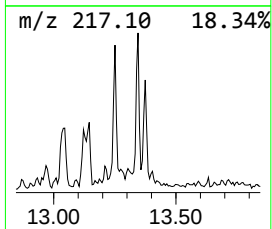
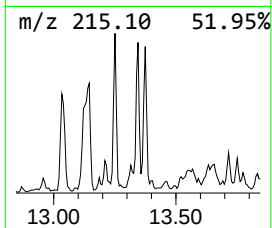
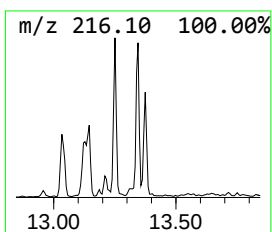
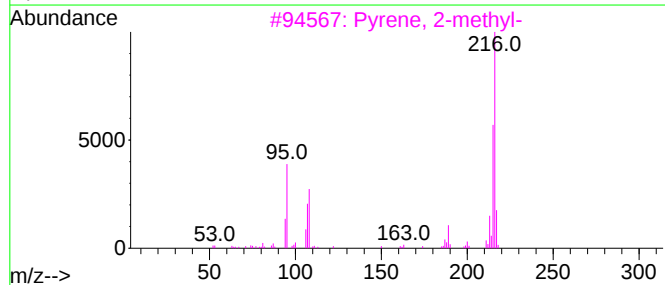
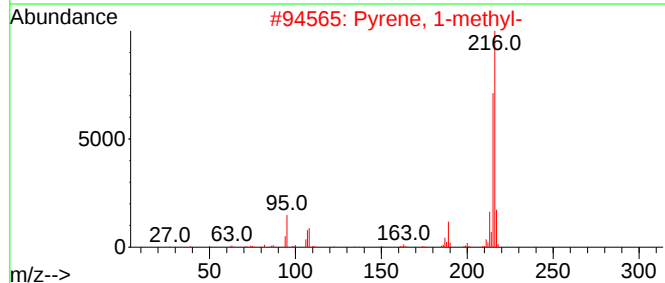
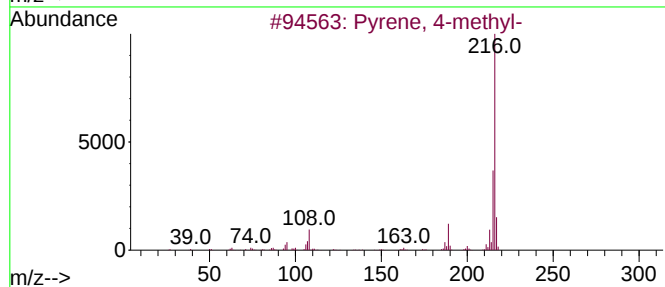
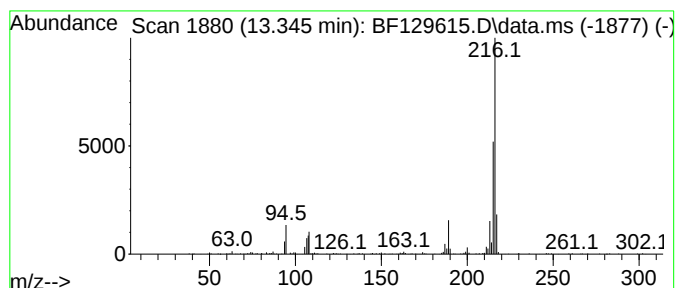
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.345	3.03 ng	191818	Chrysene-d12	14.015	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
Sample : N3960-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

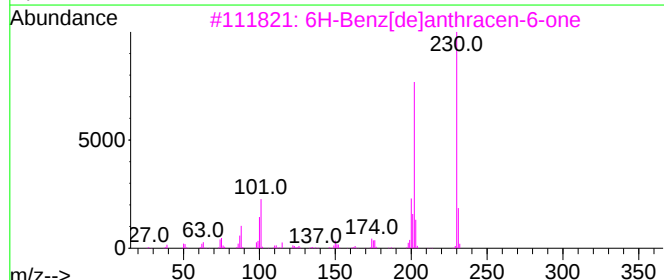
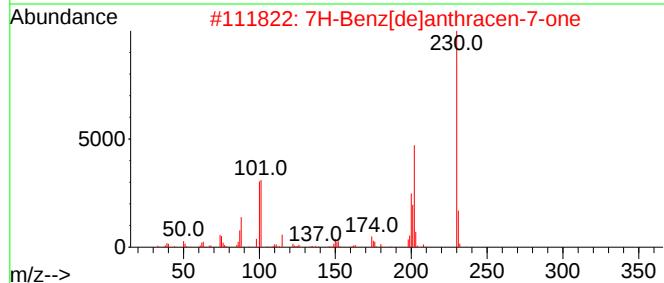
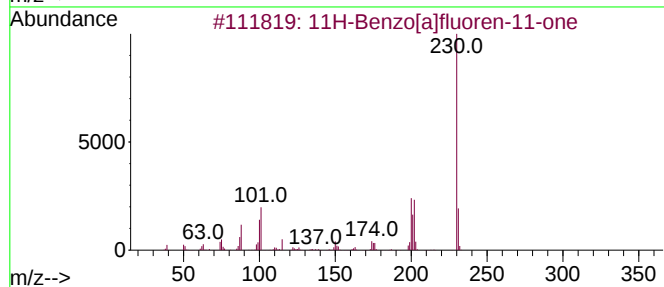
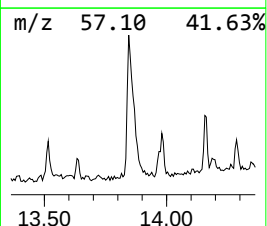
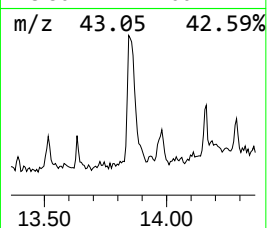
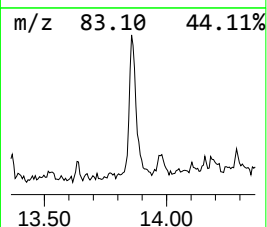
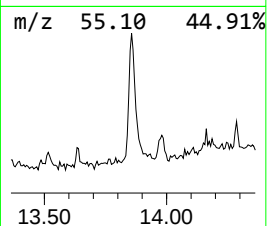
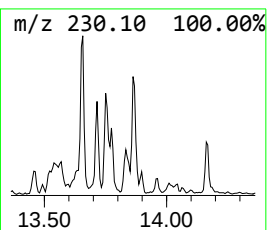
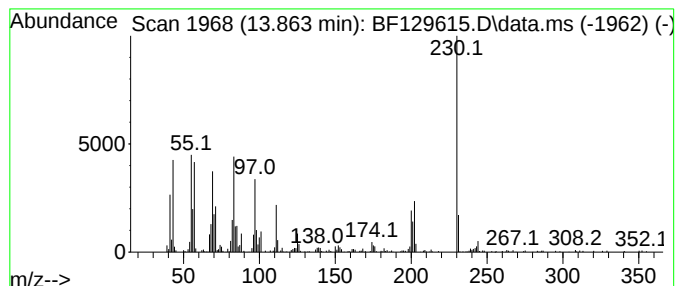
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.863	6.75 ng	428074	Chrysene-d12	14.015	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	60
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	43
4	5,6-Dihydrochrysene	230	C18H14	002091-92-1	35
5	pyrrolidine, 1,1'-(5-methyl-1,3-...	230	C15H22N2	1000401-00-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
Sample : N3960-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RVE-160

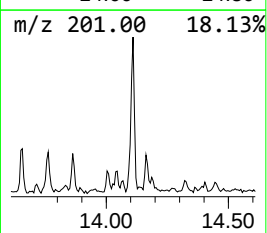
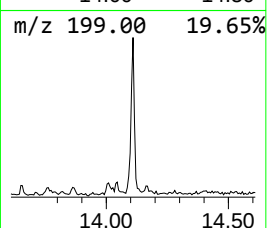
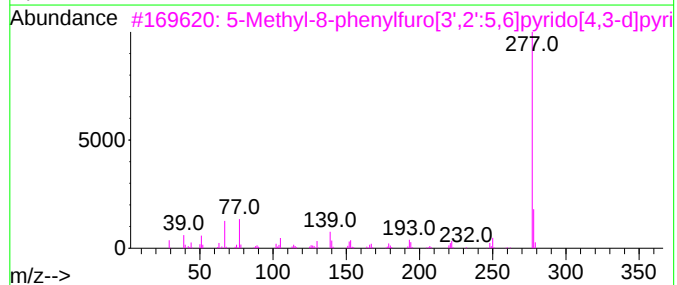
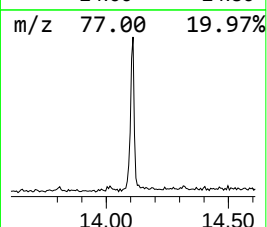
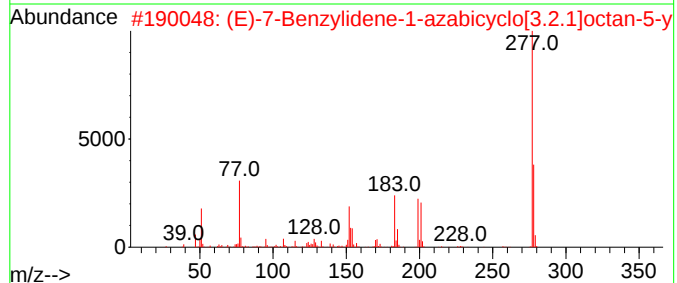
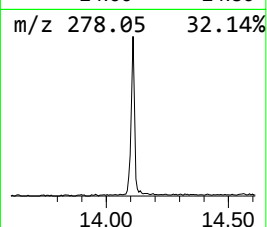
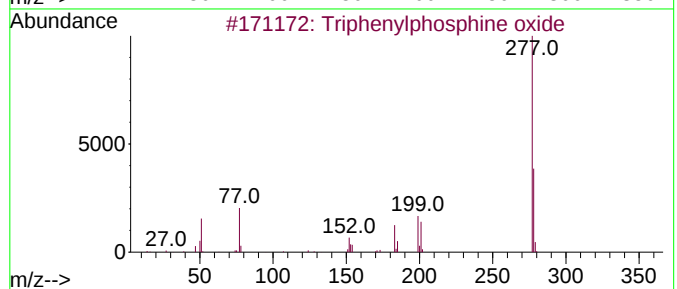
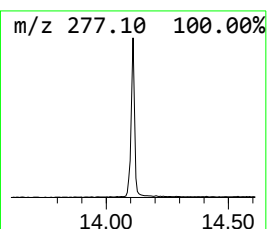
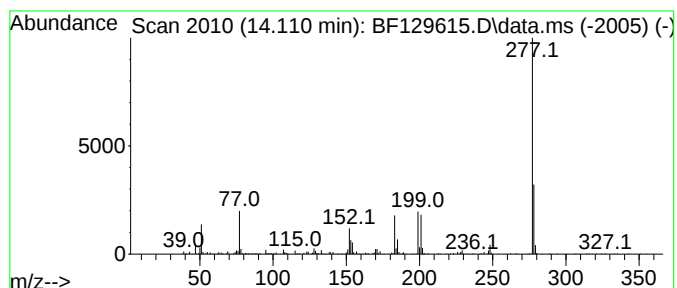
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Triphenylphosphine oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.110	6.70 ng	424667	Chrysene-d12	14.015

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19N03S	1000483-83-4	91
3			5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	50
4			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45
5			(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
Sample : N3960-13
Misc :
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Instrument :
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ClientSampleId :
RVE-160

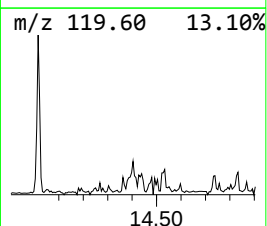
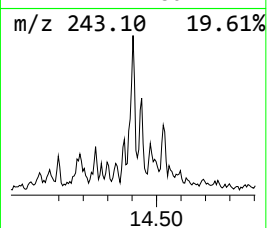
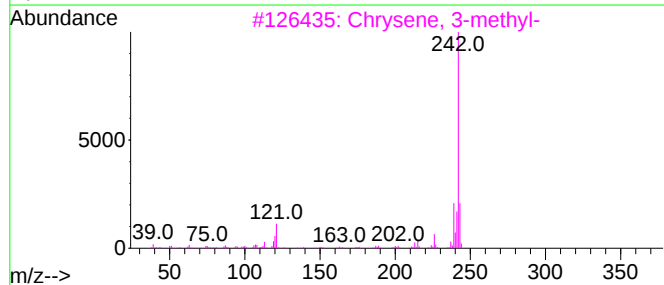
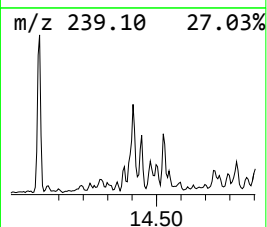
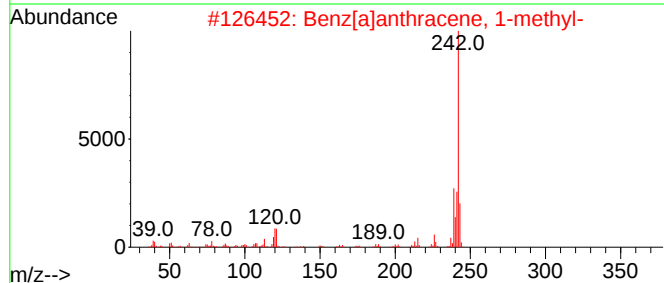
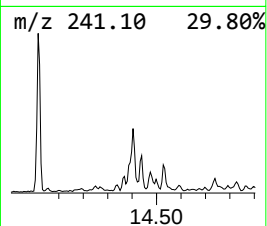
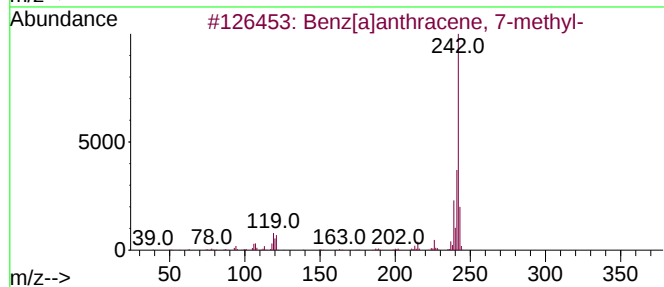
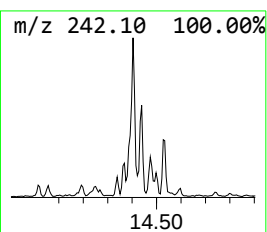
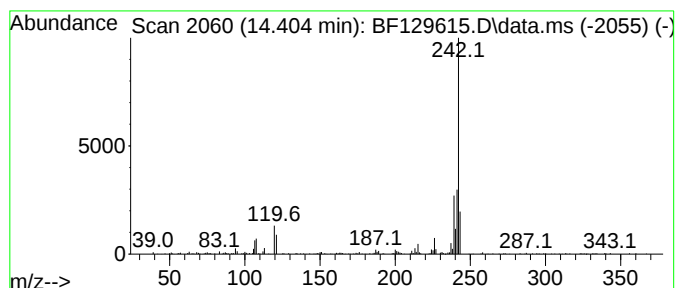
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.404	3.99 ng	252876	Chrysene-d12	14.015

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2			Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
3			Chrysene, 3-methyl-	242	C19H14	003351-31-3	93
4			2-Methylchrysene	242	C19H14	003351-32-4	93
5			Chrysene, 1-methyl-	242	C19H14	003351-28-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

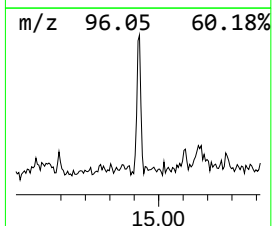
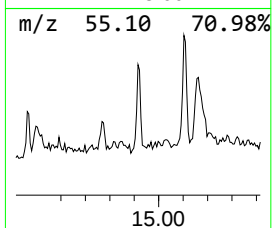
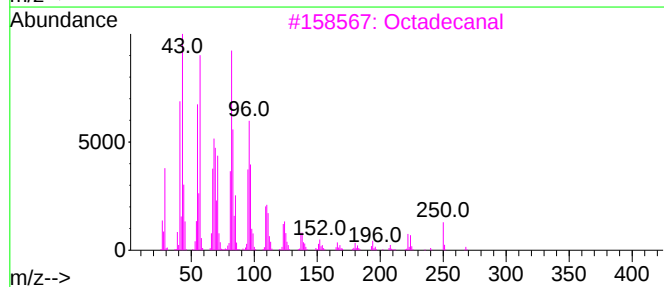
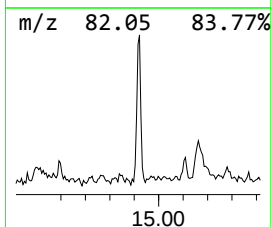
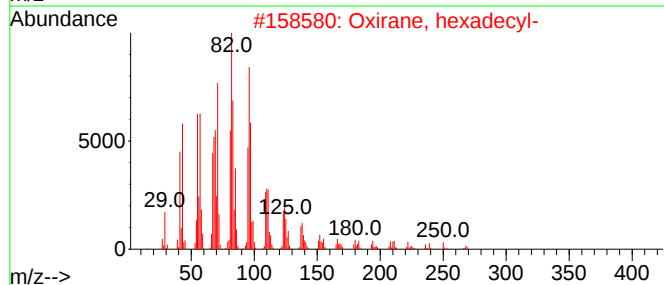
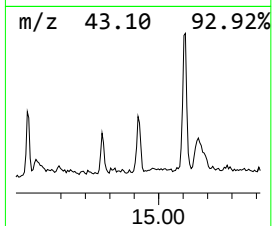
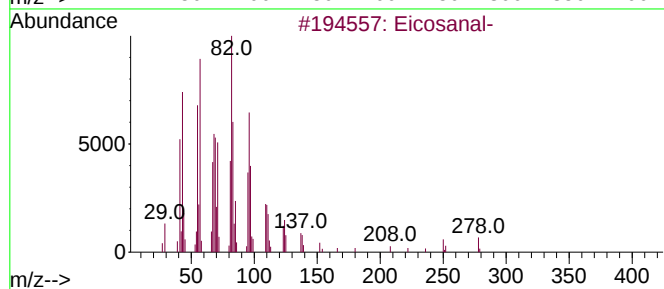
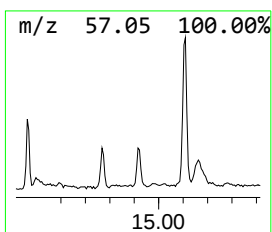
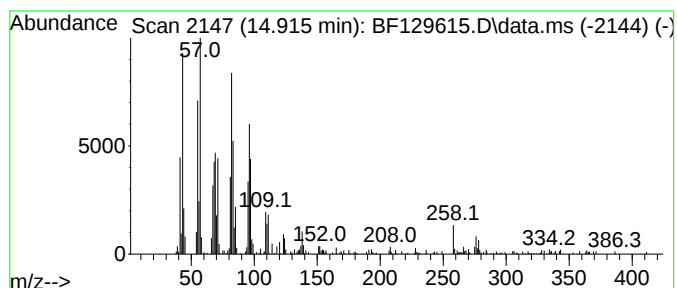
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosanal- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.915	5.99 ng	256145	Perylene-d12	15.492	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanal-	296	C20H40O	002400-66-0	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Tetradecanal	212	C14H28O	000124-25-4	91
5	Hexadecanal	240	C16H32O	000629-80-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
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ClientSampleId :
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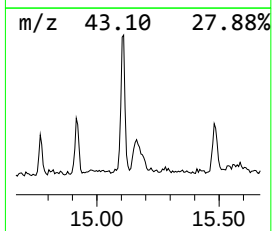
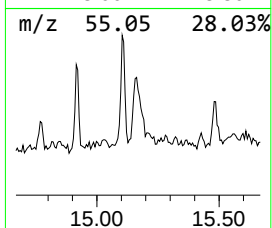
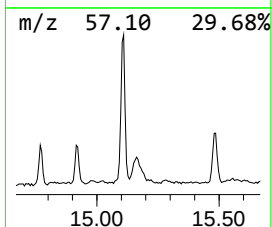
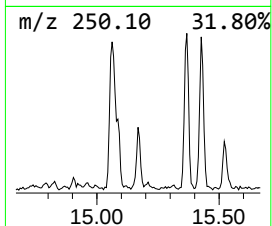
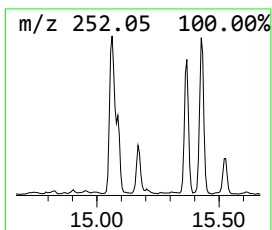
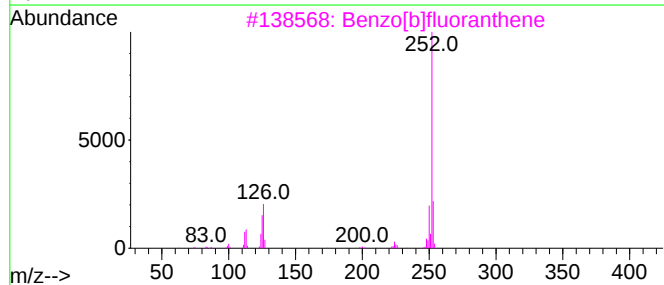
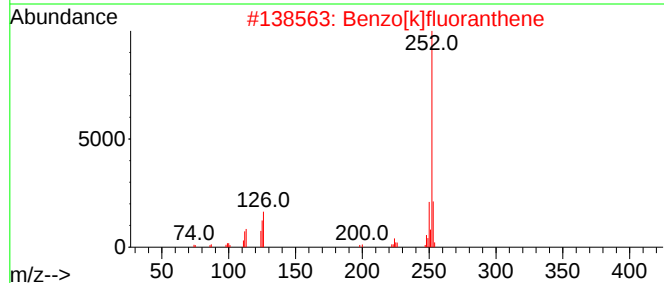
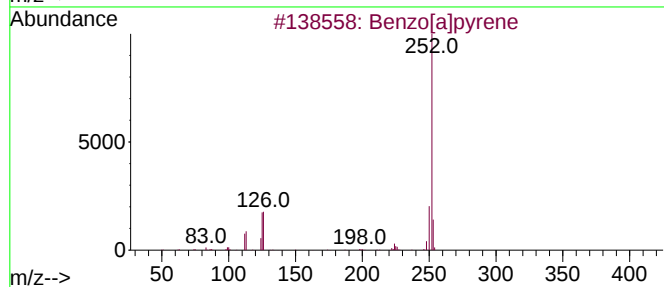
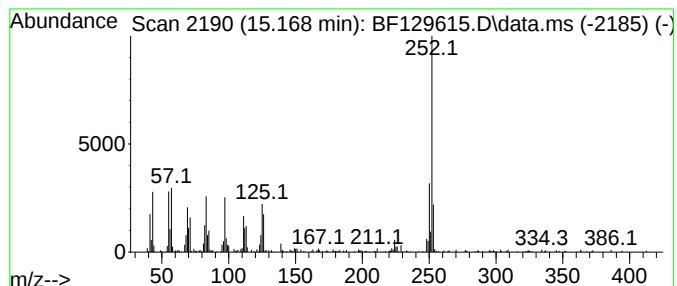
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.168	8.64 ng	369579	Perylene-d12	15.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	92
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4			Benzo[e]pyrene	252	C20H12	000192-97-2	89
5			Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
Sample : N3960-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RVE-160

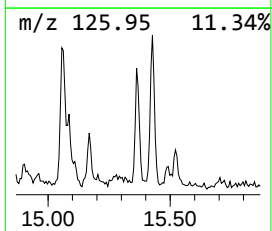
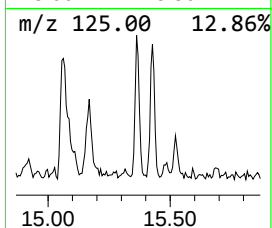
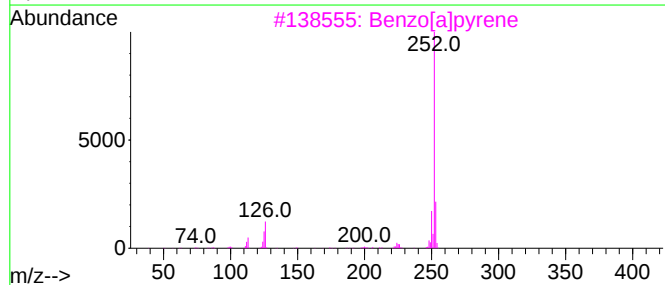
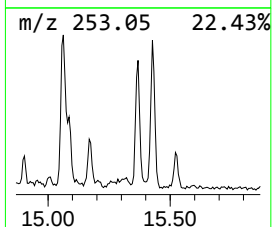
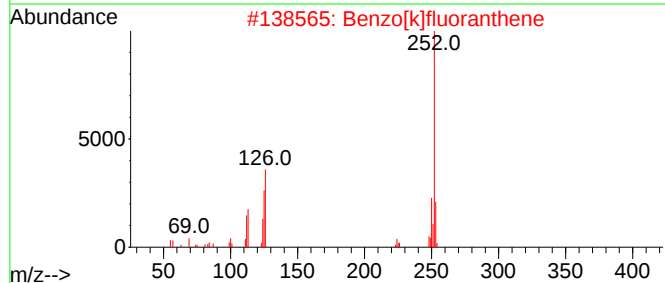
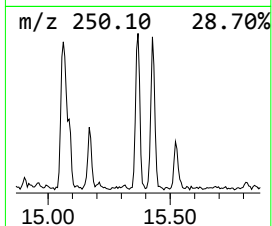
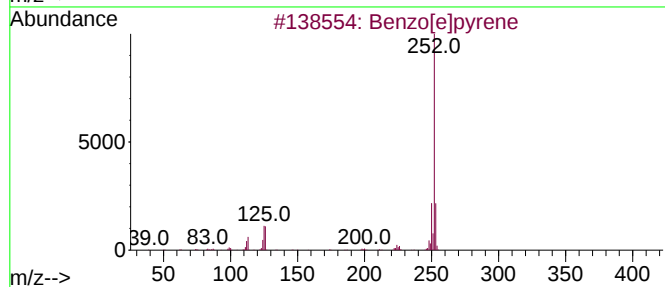
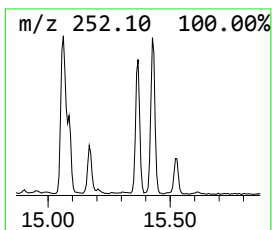
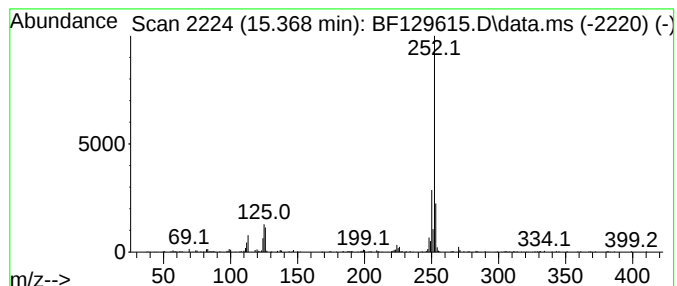
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	5.72 ng	244849	Perylene-d12	15.492

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	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5		Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
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ALS Vial : 12 Sample Multiplier: 1

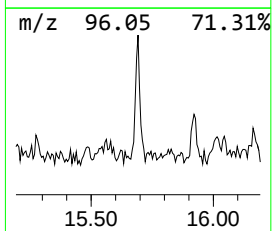
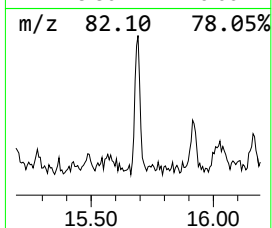
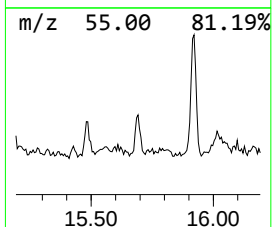
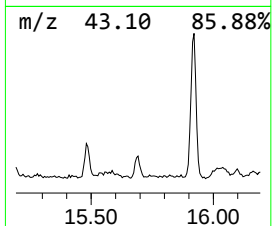
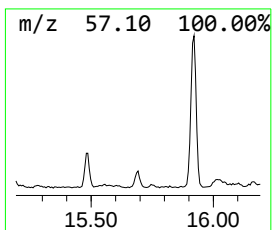
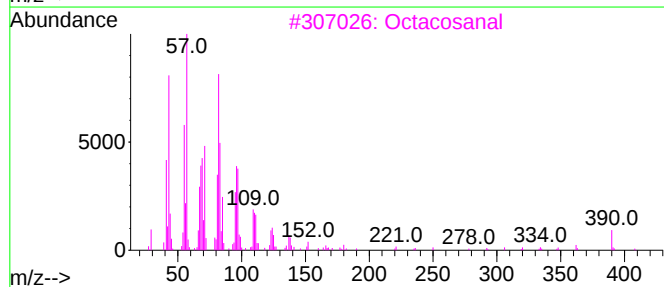
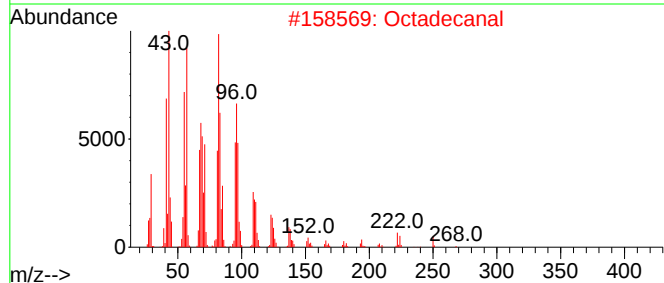
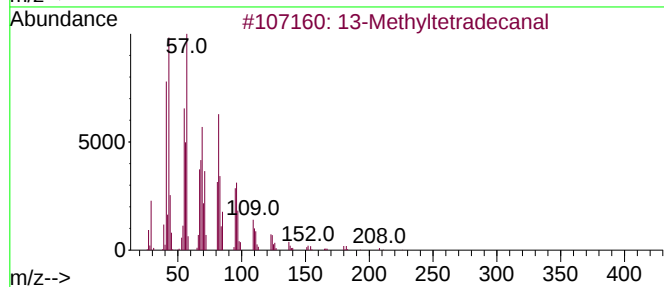
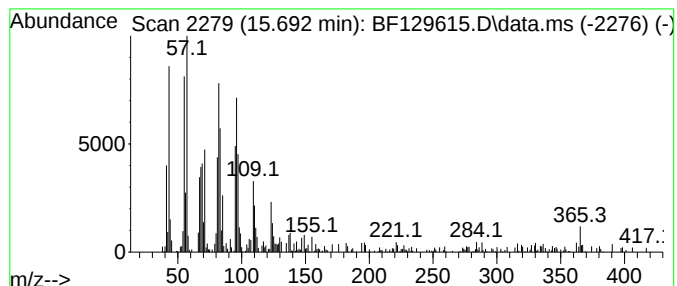
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 13-Methyltetradecanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.692	4.76 ng	203395	Perylene-d12	15.492	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Methyltetradecanal	226	C15H30O	075853-51-9	81
2	Octadecanal	268	C18H36O	000638-66-4	80
3	Octacosanal	408	C28H56O	022725-64-0	76
4	Tetracosanal	352	C24H48O	057866-08-7	70
5	cis-7-Tetradecen-1-yl acetate	254	C16H30O2	016974-10-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
Sample : N3960-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

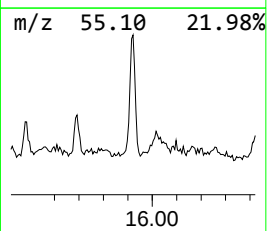
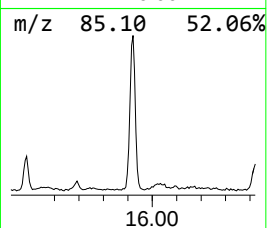
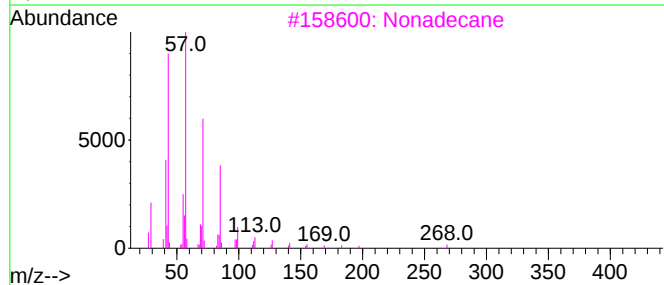
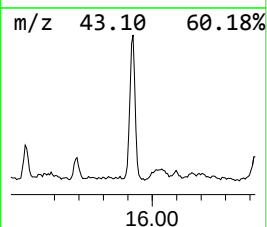
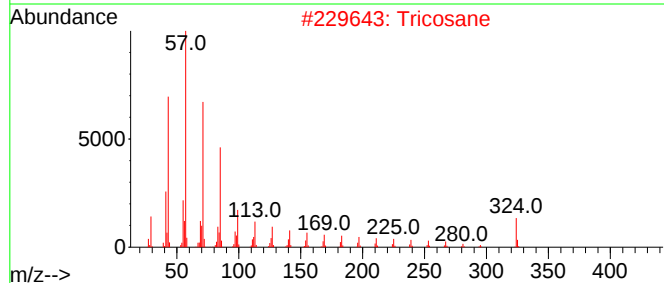
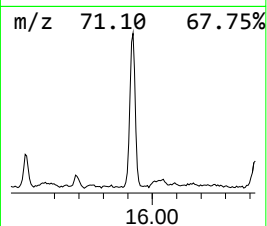
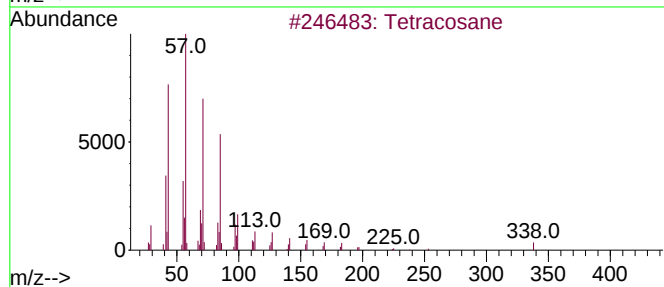
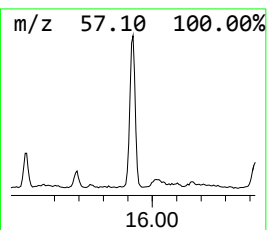
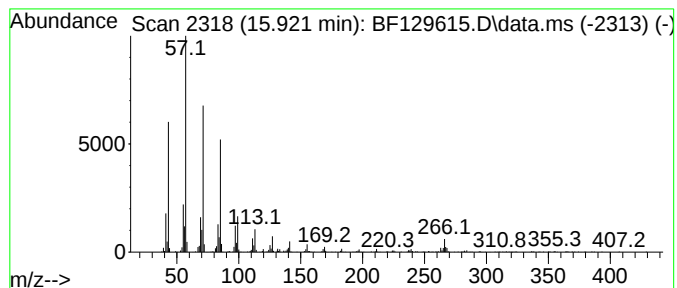
Instrument :
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ClientSampleId :
RVE-160

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.921	19.86 ng	849607	Perylene-d12	15.492	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Tricosane	324	C23H48	000638-67-5	93
3	Nonadecane	268	C19H40	000629-92-5	93
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
Sample : N3960-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-160

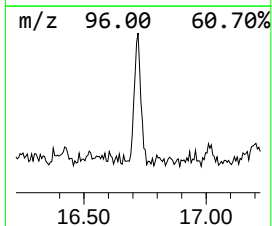
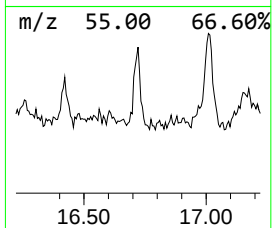
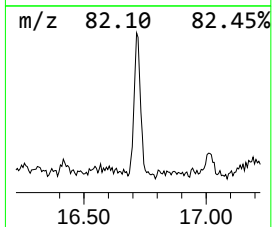
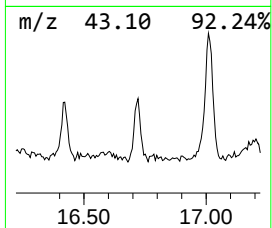
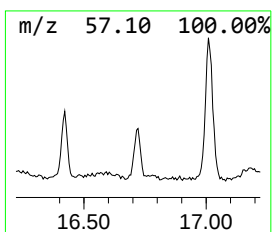
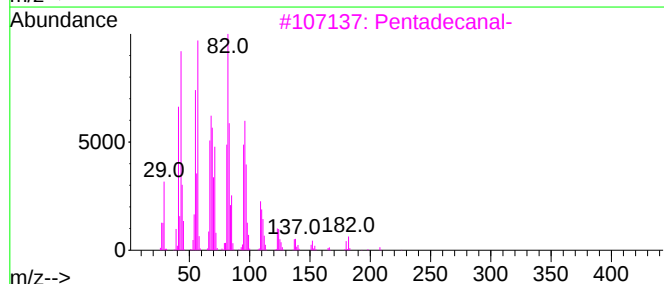
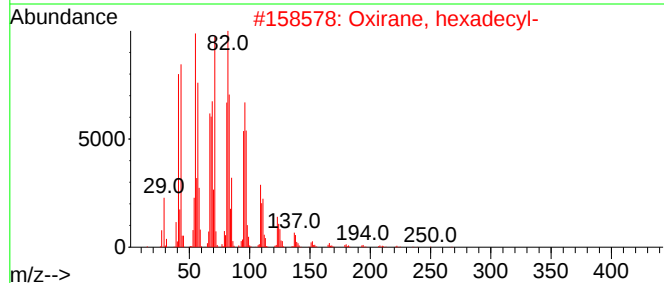
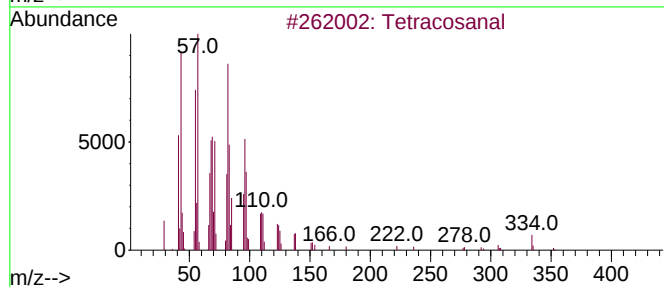
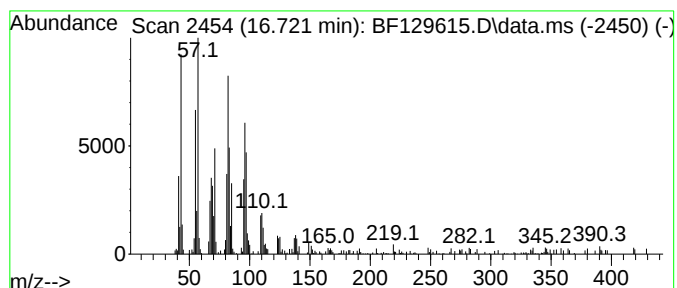
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.721	5.45 ng	233252	Perylene-d12	15.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosanal	352	C24H48O	057866-08-7	94
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Pentadecanal-	226	C15H30O	002765-11-9	72
4		Eicosanal-	296	C20H40O	002400-66-0	72
5		Cyclododecanol	184	C12H24O	001724-39-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129615.D
Acq On : 05 Aug 2022 23:32
Operator : CG\JU
Sample : N3960-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-160

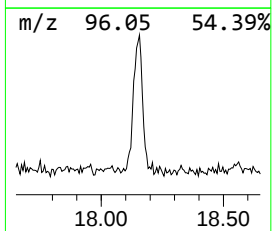
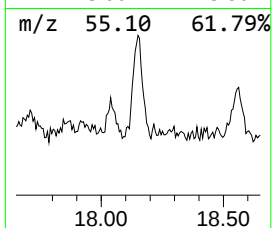
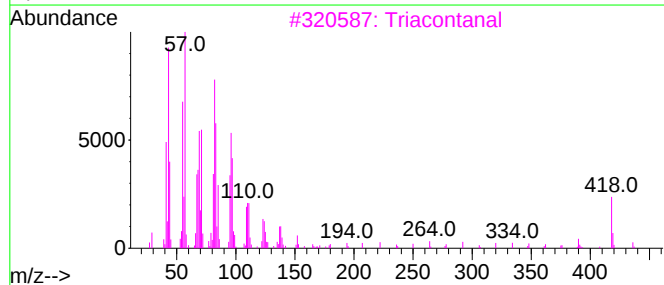
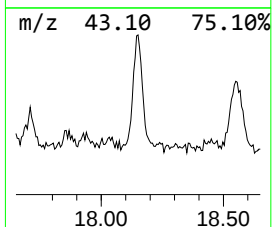
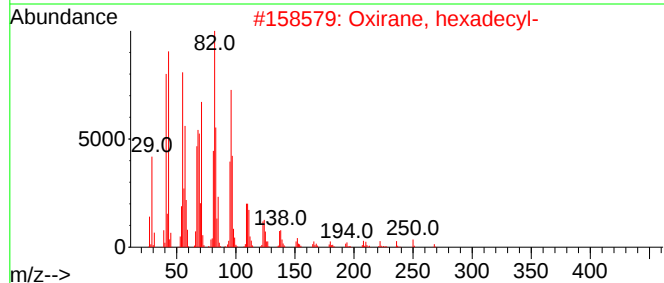
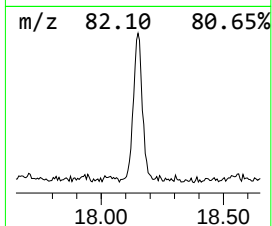
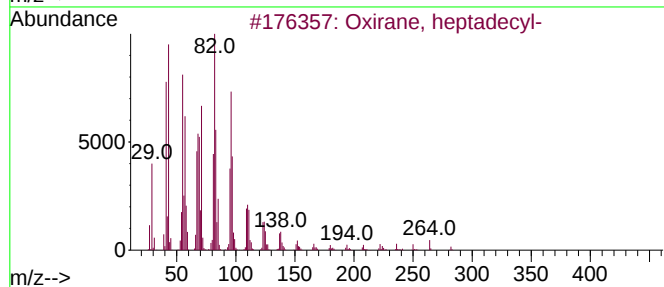
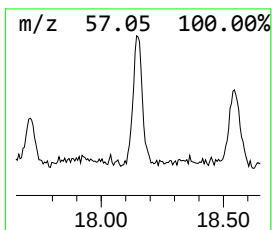
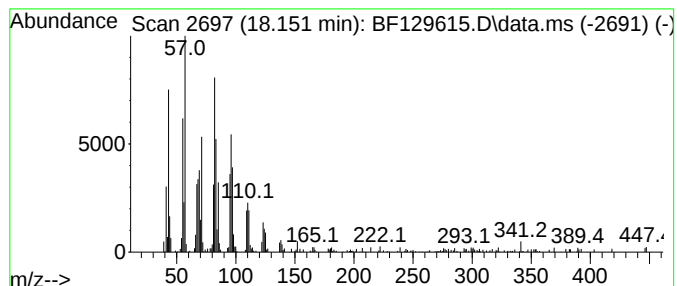
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Oxirane, heptadecyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	9.36 ng	400441	Perylene-d12	15.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Triacontanal	436	C30H60O	022725-63-9	91
4		Dotriacontanal	464	C32H64O	057878-00-9	91
5		1,19-Eicosadiene	278	C20H38	014811-95-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129615.D
 Acq On : 05 Aug 2022 23:32
 Operator : CG\JU
 Sample : N3960-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-160

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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
2-Pentanone, 4-...	5.081	3.0	ng	130220	1	6.845	862432	20.0
Phenanthrene, 2...	11.874	5.4	ng	236004	4	11.374	868751	20.0
Phenanthrene, 1...	11.898	7.5	ng	326598	4	11.374	868751	20.0
1H-Cyclopropa[l...	11.980	5.0	ng	218396	4	11.374	868751	20.0
9,10-Dimethylan...	12.422	6.7	ng	292496	4	11.374	868751	20.0
Phenanthrene, 2...	12.457	5.6	ng	241968	4	11.374	868751	20.0
Cyclopenta(def)...	12.510	3.7	ng	159678	4	11.374	868751	20.0
Pyrene, 1-methyl-	13.033	4.0	ng	251022	5	14.015	1268100	20.0
Pyrene, 2-methyl-	13.251	3.4	ng	215789	5	14.015	1268100	20.0
Pyrene, 4-methyl-	13.345	3.0	ng	191818	5	14.015	1268100	20.0
11H-Benzo[a]flu...	13.863	6.8	ng	428074	5	14.015	1268100	20.0
Triphenylphosph...	14.110	6.7	ng	424667	5	14.015	1268100	20.0
Benz[a]anthrace...	14.404	4.0	ng	252876	5	14.015	1268100	20.0
Eicosanal-	14.915	6.0	ng	256145	6	15.492	855483	20.0
Benzo[e]pyrene	15.168	8.6	ng	369579	6	15.492	855483	20.0
Perylene	15.368	5.7	ng	244849	6	15.492	855483	20.0
13-Methyltetrad...	15.692	4.8	ng	203395	6	15.492	855483	20.0
Tetracosane	15.921	19.9	ng	849607	6	15.492	855483	20.0
Tetracosanal	16.721	5.5	ng	233252	6	15.492	855483	20.0
Oxirane, heptad...	18.151	9.4	ng	400441	6	15.492	855483	20.0