

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134065.D
 Acq On : 30 Jun 2023 22:26
 Operator : CG\JU
 Sample : 03471-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

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-BF062623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134065.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	16	rVB	1045167	1407526	50.09%	4.749%
2	2.251	24	28	32	rVB	30245	37492	1.33%	0.127%
3	5.087	506	510	520	rVB	178661	227987	8.11%	0.769%
4	5.481	573	577	592	rBV	2374628	2342816	83.38%	7.905%
5	6.481	742	747	760	rBV	2199314	2406182	85.64%	8.119%
6	6.845	805	809	820	rBV	800864	629513	22.40%	2.124%
7	7.410	900	905	908	rBV	1764064	1549080	55.13%	5.227%
8	8.122	1023	1026	1034	rBV	924181	820065	29.19%	2.767%
9	9.204	1206	1210	1213	rBV	3438329	2809796	100.00%	9.481%
10	9.539	1263	1267	1269	rBV	36290	34548	1.23%	0.117%
11	9.739	1298	1301	1305	rVB	74473	67962	2.42%	0.229%
12	9.880	1322	1325	1329	rBV	1028962	863249	30.72%	2.913%
13	9.916	1329	1331	1334	rVB	62265	50718	1.81%	0.171%
14	10.086	1354	1360	1364	rBV	42435	45029	1.60%	0.152%
15	10.433	1416	1419	1425	rVB	67075	74580	2.65%	0.252%
16	10.598	1442	1447	1454	rVB	305382	280091	9.97%	0.945%
17	10.674	1456	1460	1471	rVB	1695010	1564250	55.67%	5.278%
18	10.798	1477	1481	1487	rVB6	44348	60224	2.14%	0.203%
19	10.910	1497	1500	1503	rVB	48989	41205	1.47%	0.139%
20	10.980	1508	1512	1515	rBV3	27495	35453	1.26%	0.120%
21	11.180	1543	1546	1549	rVV	44210	39907	1.42%	0.135%
22	11.239	1549	1556	1558	rVV5	21676	41210	1.47%	0.139%
23	11.274	1558	1562	1568	rVB	59238	67160	2.39%	0.227%
24	11.374	1576	1579	1581	rBV	845563	800397	28.49%	2.701%
25	11.404	1581	1584	1587	rVV	885163	810716	28.85%	2.736%
26	11.451	1590	1592	1595	rVV	124410	99211	3.53%	0.335%
27	11.480	1595	1597	1601	rVB2	70722	69433	2.47%	0.234%
28	11.610	1613	1619	1624	rBV2	70259	108904	3.88%	0.367%
29	11.710	1633	1636	1641	rVB2	54336	53724	1.91%	0.181%
30	11.792	1648	1650	1655	rVB	30065	33022	1.18%	0.111%
31	11.880	1661	1665	1667	rBV	194775	172248	6.13%	0.581%
32	11.910	1667	1670	1674	rVB	434901	382814	13.62%	1.292%
33	11.992	1681	1684	1686	rBV2	256403	250556	8.92%	0.845%
34	12.016	1686	1688	1692	rVB	147581	117715	4.19%	0.397%
35	12.180	1712	1716	1718	rBV	101398	93325	3.32%	0.315%
36	12.204	1718	1720	1724	rVB2	121625	114065	4.06%	0.385%

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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

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37	12.327	1739	1741	1744	rVB	51057	39205	1.40%	0.132%
38	12.357	1744	1746	1749	rBV	53072	45434	1.62%	0.153%
39	12.386	1749	1751	1754	rVB	44105	34095	1.21%	0.115%
40	12.433	1756	1759	1762	rBV	154102	159630	5.68%	0.539%
41	12.468	1762	1765	1767	rVV2	81531	89700	3.19%	0.303%
42	12.492	1767	1769	1771	rVB	52061	37556	1.34%	0.127%
43	12.521	1771	1774	1778	rBV3	97634	116788	4.16%	0.394%
44	12.598	1783	1787	1791	rBV	1238678	1095528	38.99%	3.697%
45	12.698	1801	1804	1807	rBV2	101705	101302	3.61%	0.342%
46	12.751	1811	1813	1816	rVV2	46539	49138	1.75%	0.166%
47	12.827	1820	1826	1832	rBV	1019273	1148147	40.86%	3.874%
48	12.886	1832	1836	1839	rVB2	69579	93174	3.32%	0.314%
49	12.945	1843	1846	1847	rBV2	44539	38579	1.37%	0.130%
50	12.974	1847	1851	1858	rVB	2184449	1986772	70.71%	6.704%
51	13.045	1859	1863	1867	rBV4	90424	138197	4.92%	0.466%
52	13.133	1875	1878	1880	rBV3	79201	94485	3.36%	0.319%
53	13.157	1880	1882	1886	rVB	151531	140133	4.99%	0.473%
54	13.204	1886	1890	1891	rBV3	36523	36577	1.30%	0.123%
55	13.227	1891	1894	1896	rVB	94414	72406	2.58%	0.244%
56	13.263	1896	1900	1903	rBV2	117047	108790	3.87%	0.367%
57	13.357	1913	1916	1919	rBV	94803	69601	2.48%	0.235%
58	13.386	1919	1921	1925	rVB	91353	74862	2.66%	0.253%
59	13.551	1944	1949	1950	rBV4	33494	48263	1.72%	0.163%
60	13.674	1967	1970	1974	rVB	90701	101550	3.61%	0.343%
61	13.780	1983	1988	1991	rBV3	114845	165711	5.90%	0.559%
62	13.810	1991	1993	1995	rVB	74848	51753	1.84%	0.175%
63	13.833	1995	1997	2003	rBV3	51927	53961	1.92%	0.182%
64	13.880	2003	2005	2007	rBV	97332	87556	3.12%	0.295%
65	14.033	2025	2031	2034	rBV2	760006	1142838	40.67%	3.856%
66	14.062	2034	2036	2043	rVB	523802	473745	16.86%	1.599%
67	14.145	2047	2050	2052	rVB	57814	52189	1.86%	0.176%
68	14.186	2054	2057	2058	rBV	48749	47511	1.69%	0.160%
69	14.427	2093	2098	2101	rBV	119319	120781	4.30%	0.408%
70	14.462	2101	2104	2107	rBV2	78465	78507	2.79%	0.265%
71	14.521	2108	2114	2116	rVV4	50473	86880	3.09%	0.293%
72	14.551	2116	2119	2121	rBV2	83043	86324	3.07%	0.291%
73	14.574	2121	2123	2126	rVB2	59771	52101	1.85%	0.176%
74	14.821	2163	2165	2168	rVB4	41492	38318	1.36%	0.129%
75	15.098	2207	2212	2215	rBV	434566	655386	23.33%	2.211%
76	15.174	2223	2225	2228	rVB	53340	52553	1.87%	0.177%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.209	2228	2231	2235	rVB	68463	71656	2.55%	0.242%
78	15.409	2261	2265	2271	rVB	244683	315934	11.24%	1.066%
79	15.474	2272	2276	2283	rBV	332102	435564	15.50%	1.470%
80	15.539	2283	2287	2291	rBV	387844	534134	19.01%	1.802%
81	16.039	2369	2372	2377	rVB6	33865	48603	1.73%	0.164%
82	17.080	2544	2549	2557	rVB2	118627	249974	8.90%	0.843%
83	17.550	2623	2629	2642	rVB2	90689	211366	7.52%	0.713%

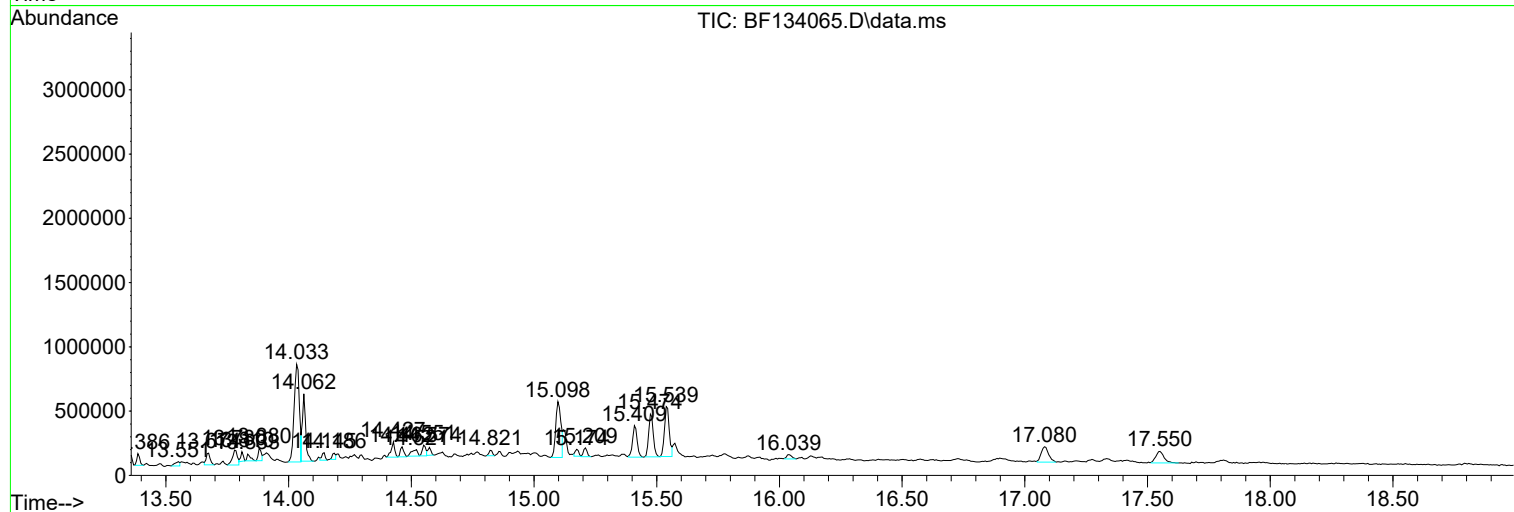
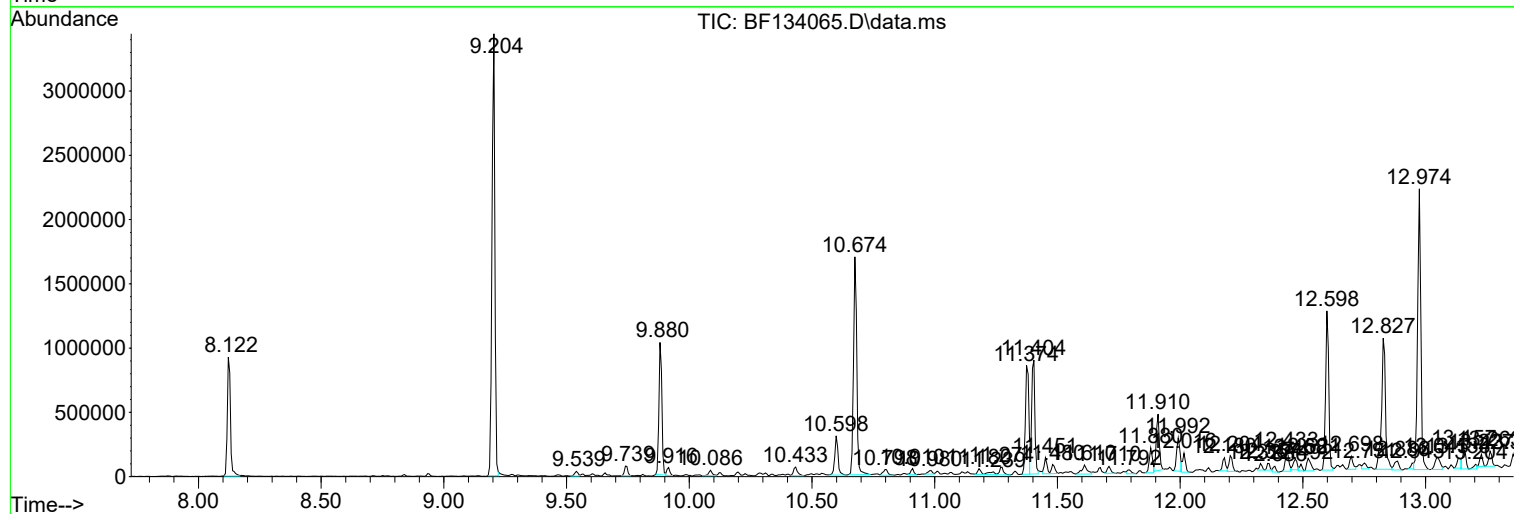
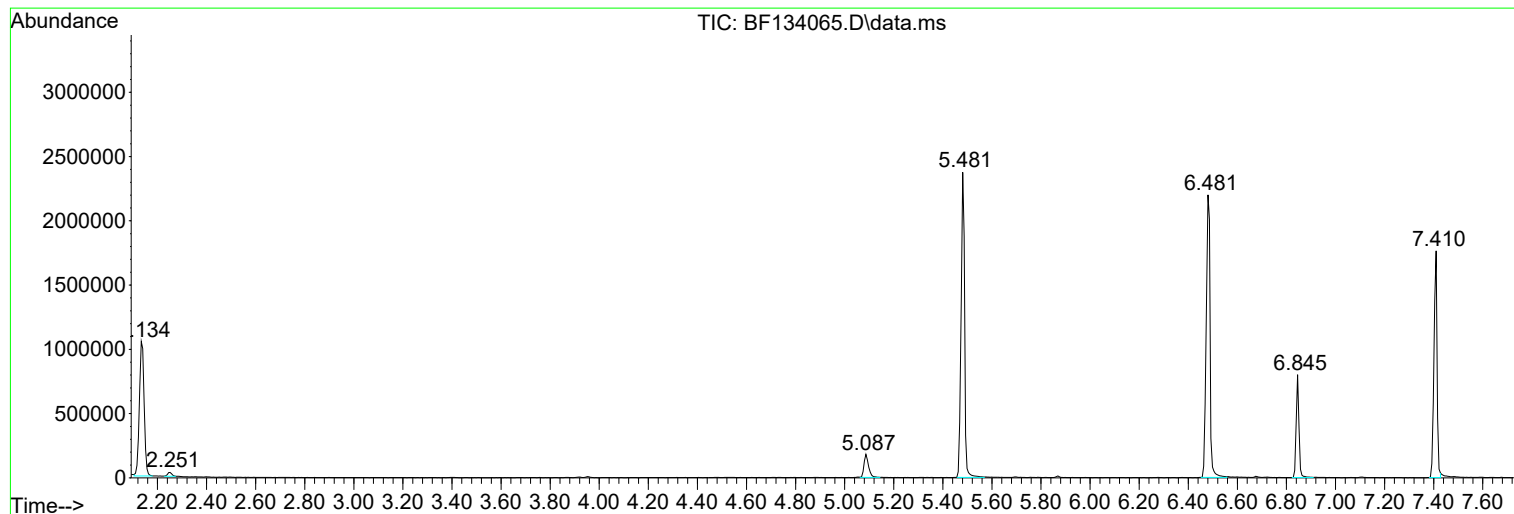
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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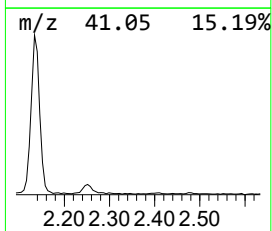
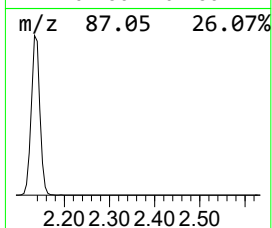
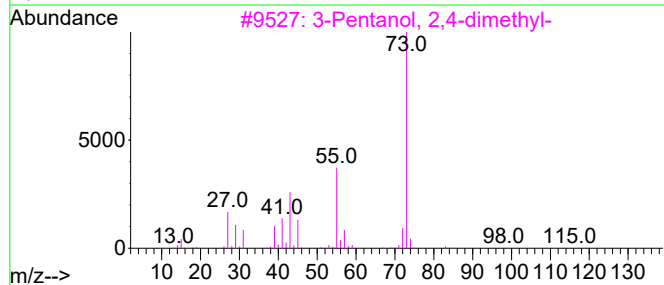
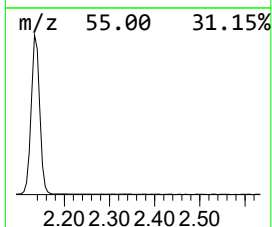
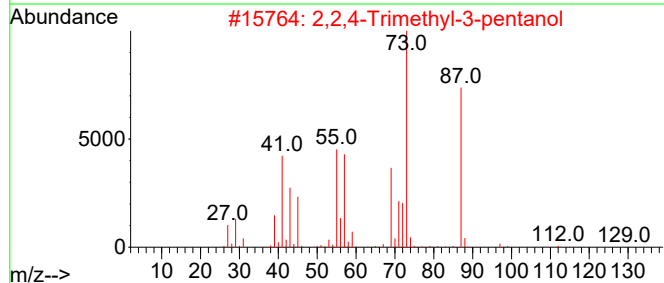
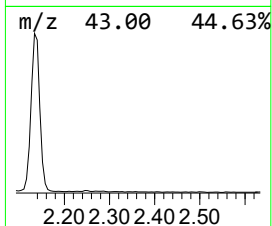
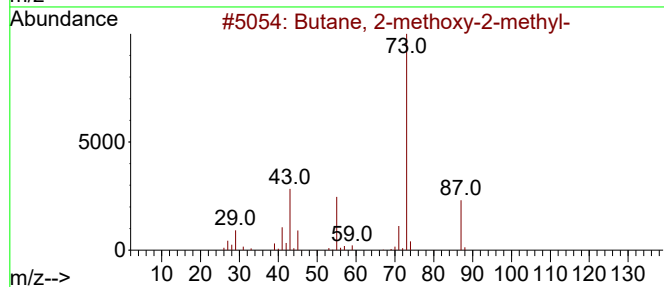
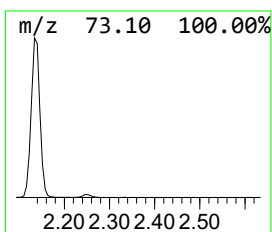
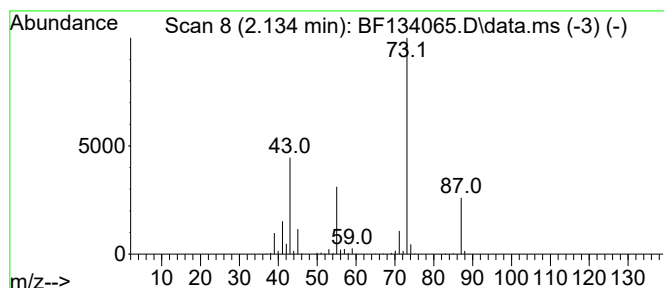
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	44.72 ng	1407530	1,4-Dichlorobenzene-d4	6.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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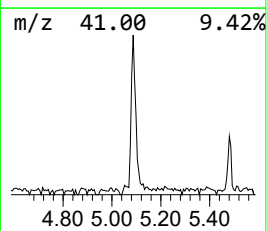
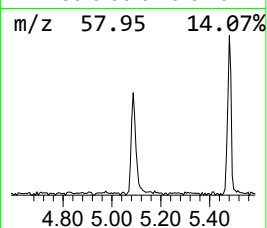
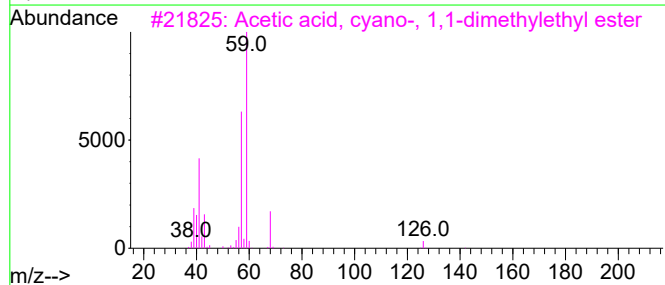
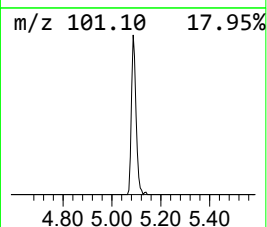
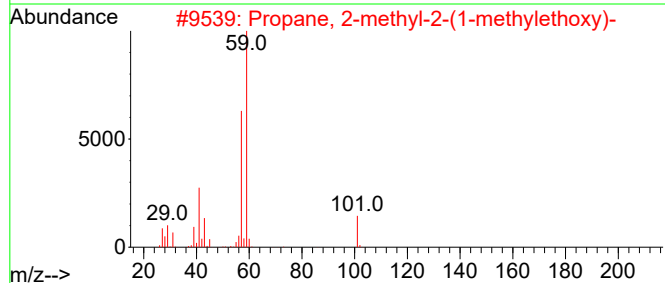
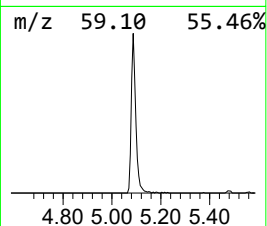
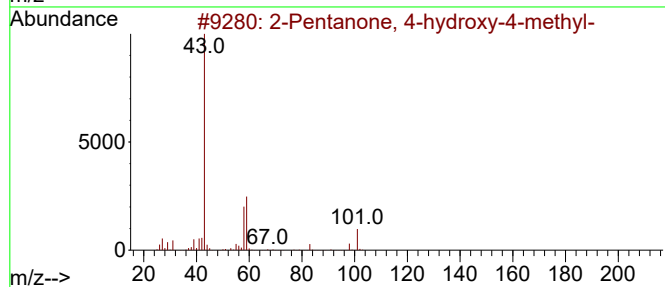
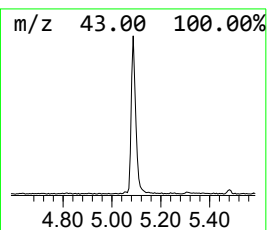
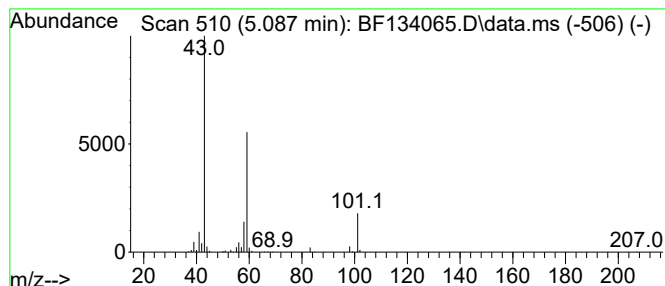
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	7.24 ng	227987	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	59
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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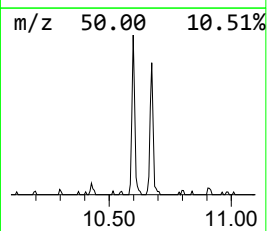
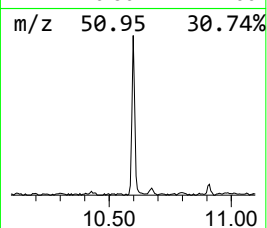
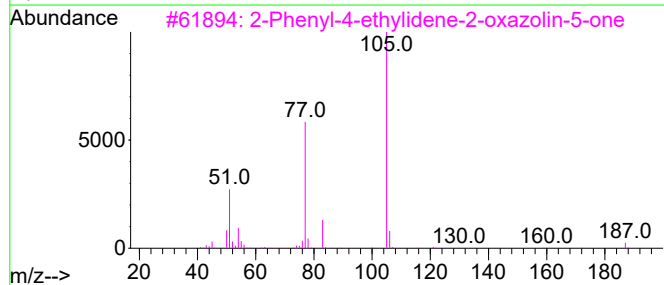
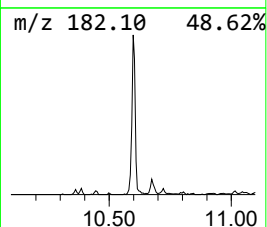
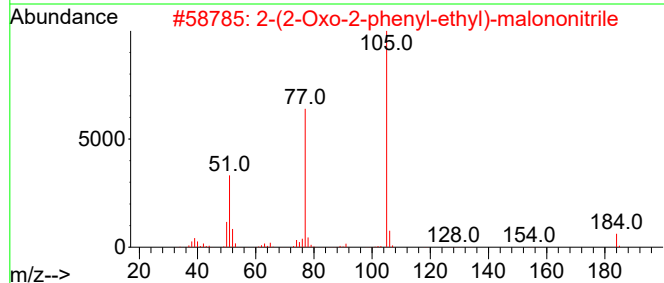
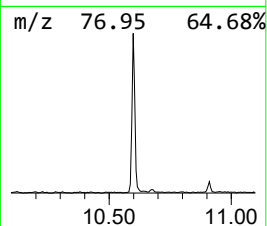
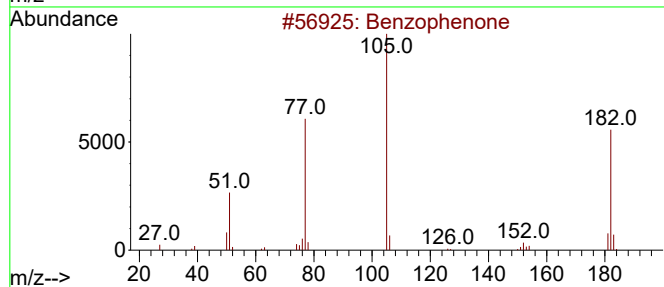
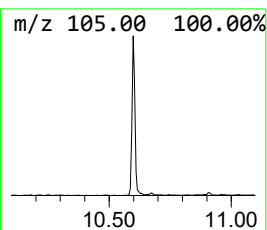
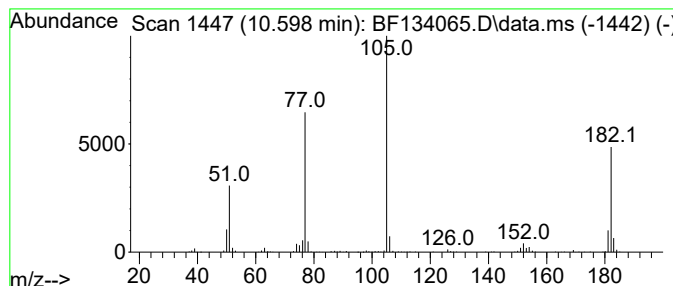
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	6.49 ng	280091	Acenaphthene-d10	9.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3			2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47
4			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5			Benzilamide	227	C14H13NO2	004746-87-6	47



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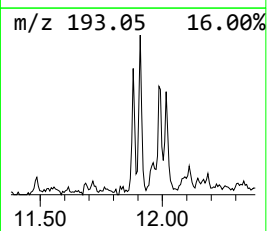
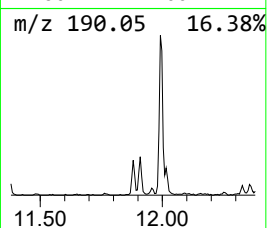
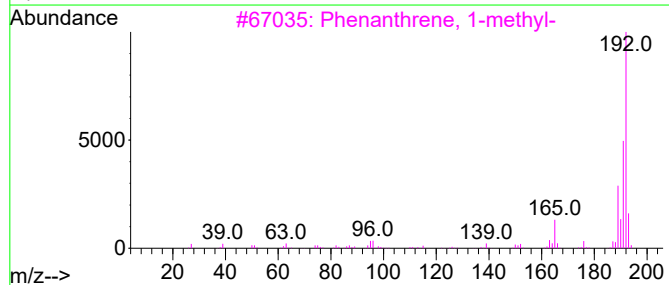
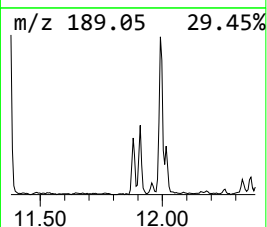
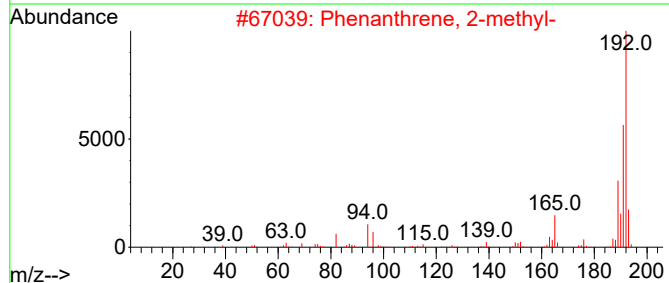
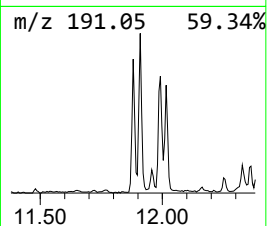
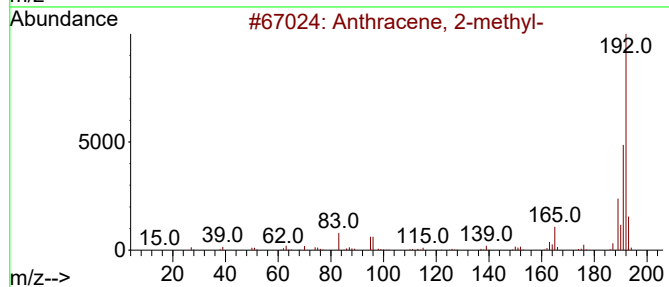
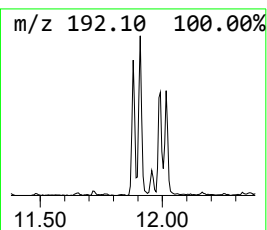
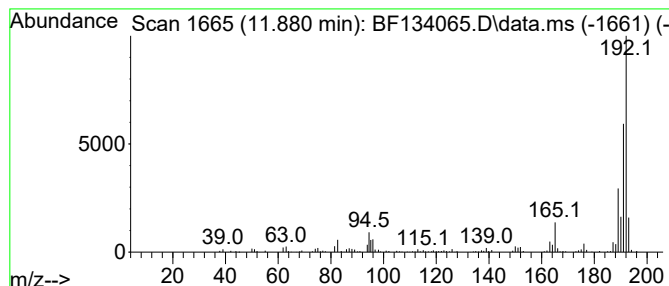
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	4.30 ng	172248	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134065.D
Acq On : 30 Jun 2023 22:26
Operator : CG\JU
Sample : 03471-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

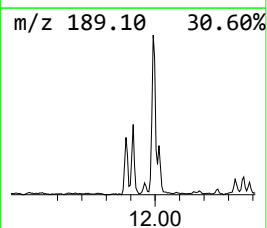
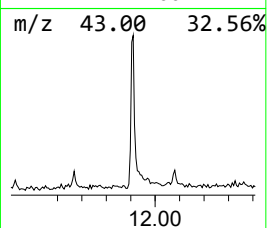
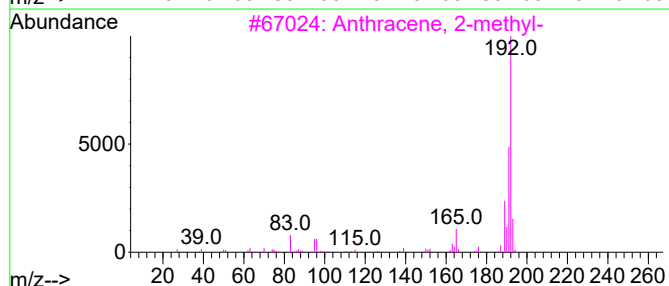
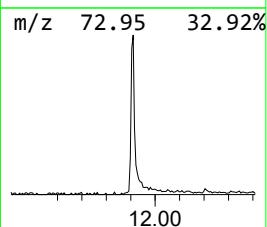
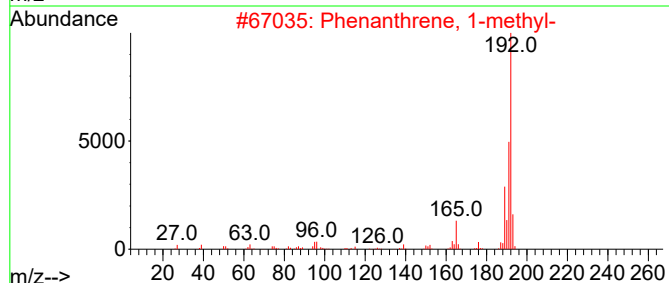
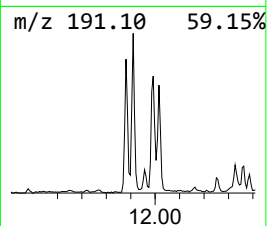
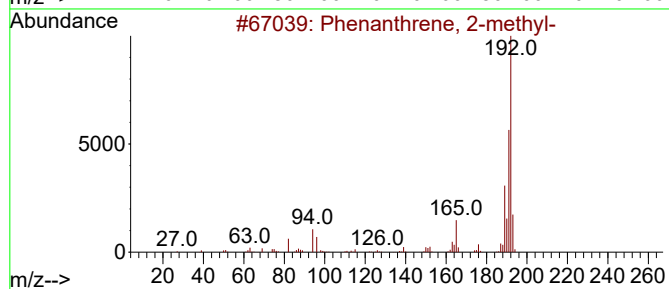
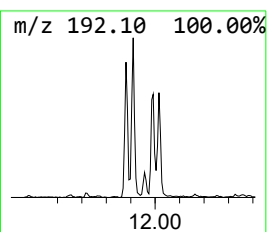
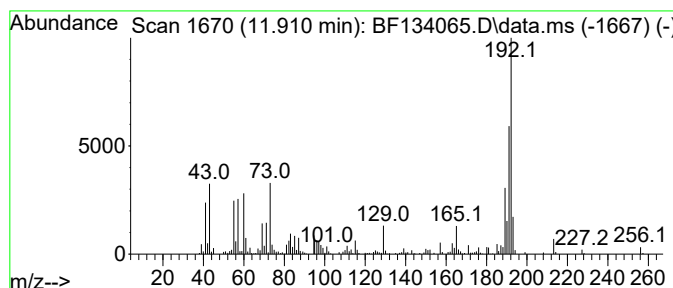
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	9.57 ng	382814	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134065.D
Acq On : 30 Jun 2023 22:26
Operator : CG\JU
Sample : 03471-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-232

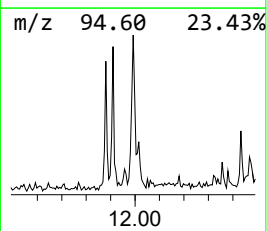
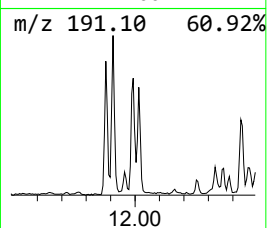
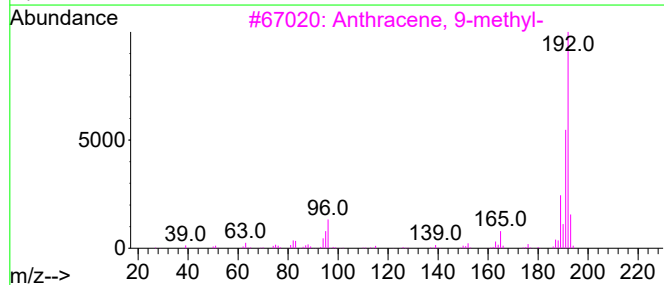
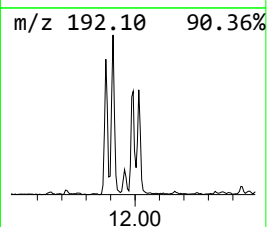
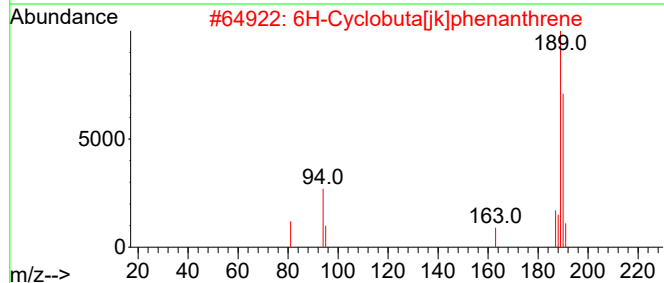
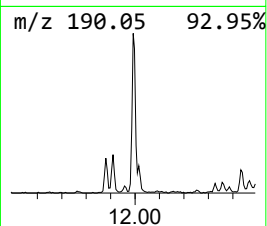
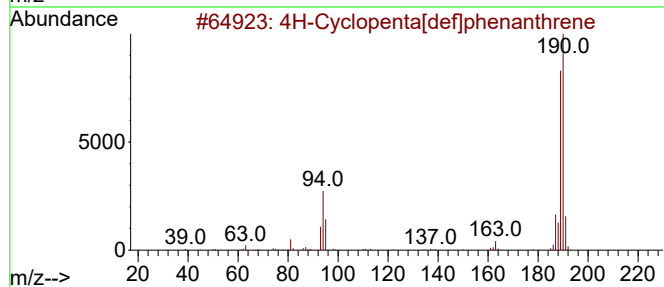
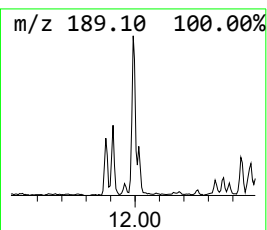
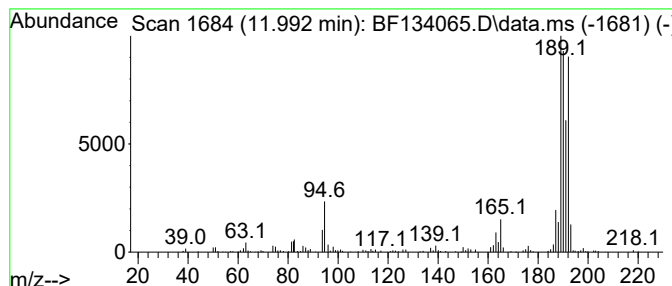
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	6.26 ng	250556	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	46
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134065.D
Acq On : 30 Jun 2023 22:26
Operator : CG\JU
Sample : 03471-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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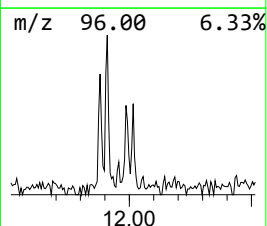
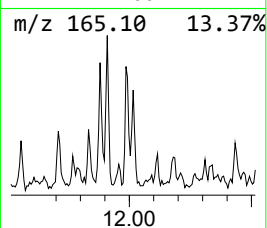
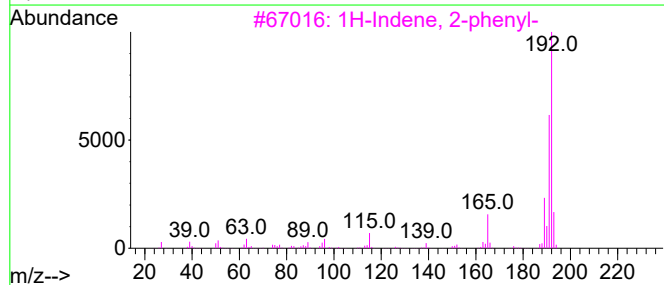
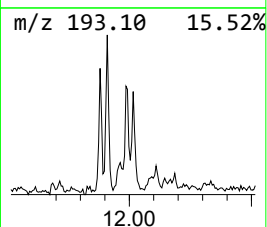
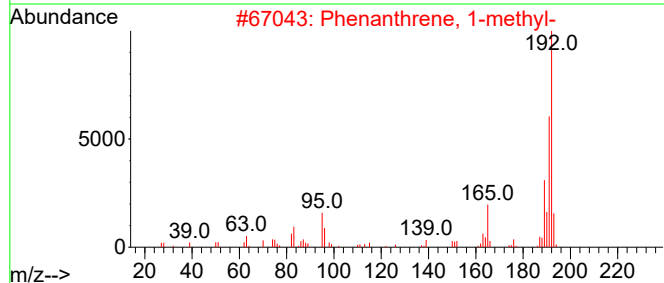
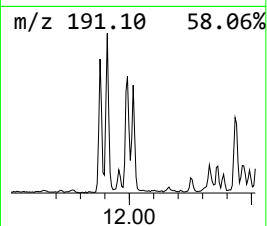
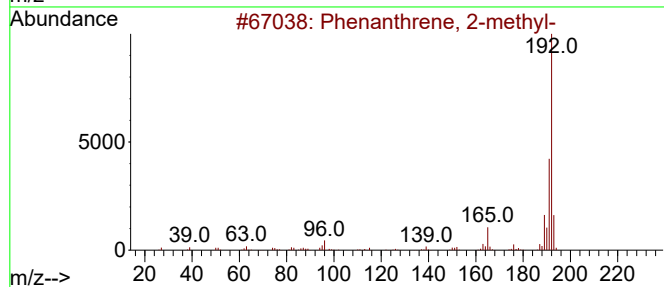
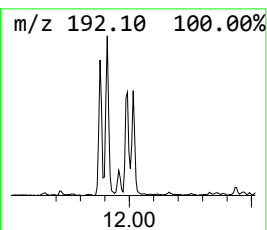
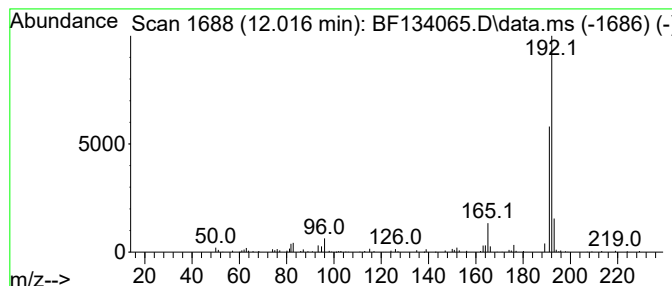
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	2.94 ng	117715	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134065.D
Acq On : 30 Jun 2023 22:26
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Misc :
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Instrument :
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ClientSampleId :
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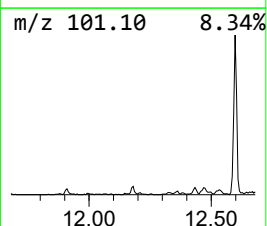
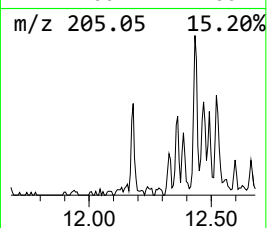
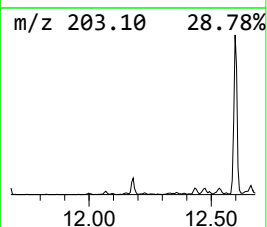
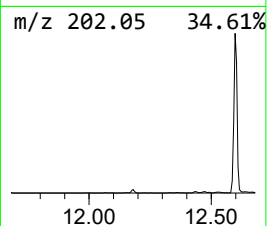
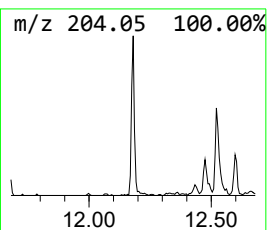
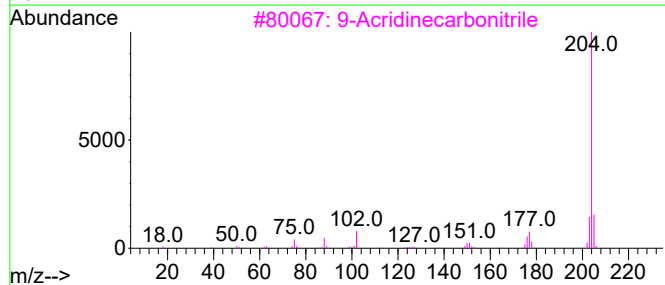
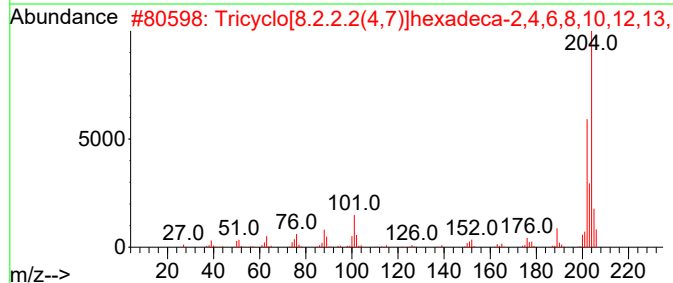
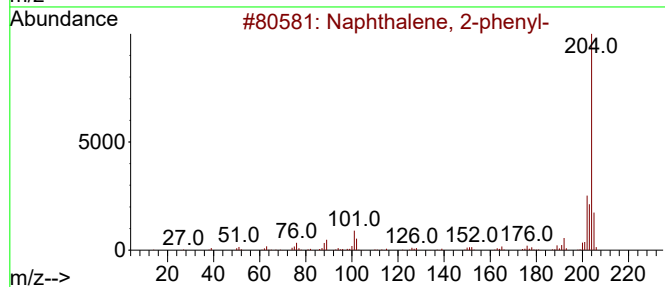
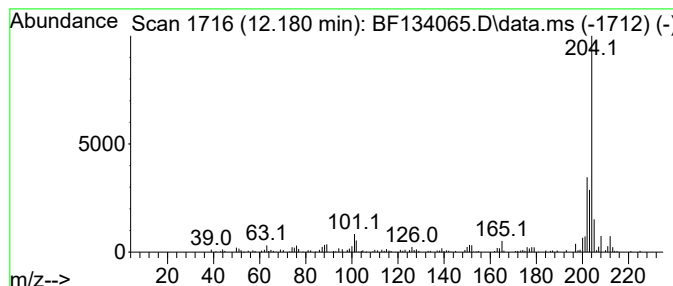
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.180	2.33 ng	93325	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	59
3			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	52
4			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134065.D
Acq On : 30 Jun 2023 22:26
Operator : CG\JU
Sample : 03471-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

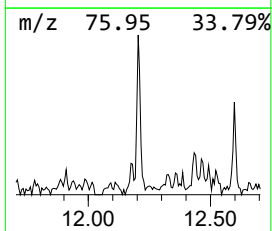
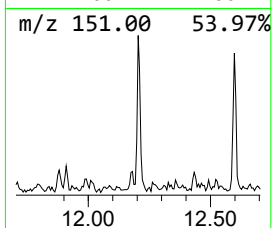
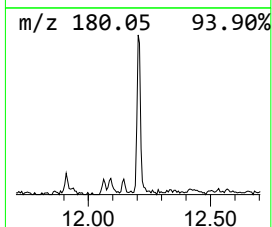
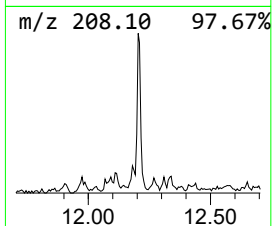
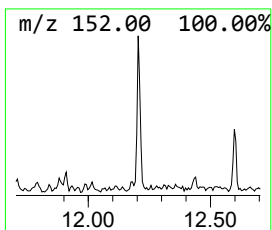
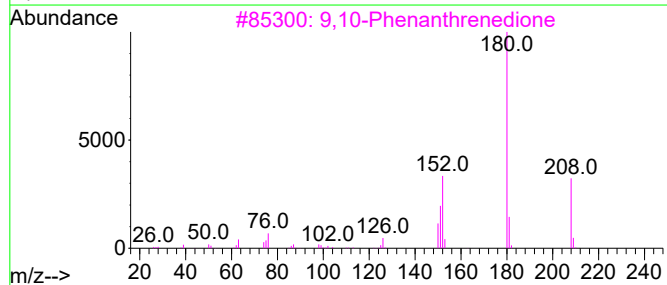
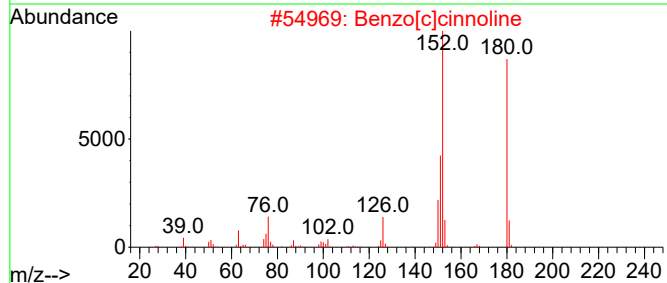
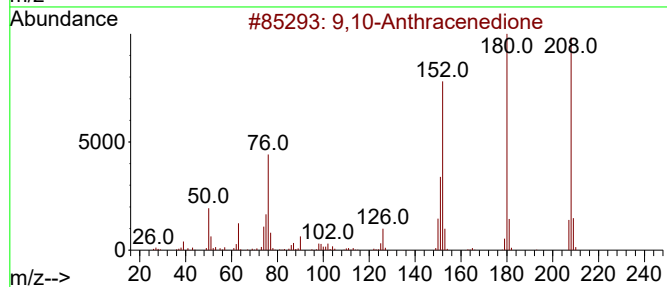
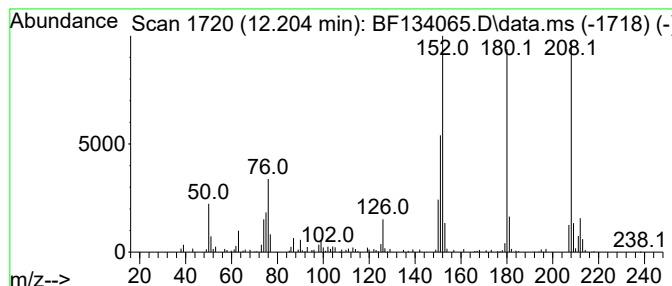
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	2.85 ng	114065	Phenanthrene-d10	11.374

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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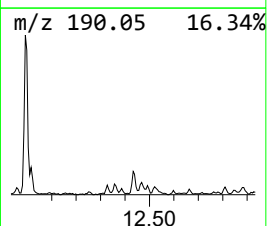
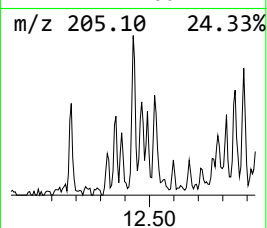
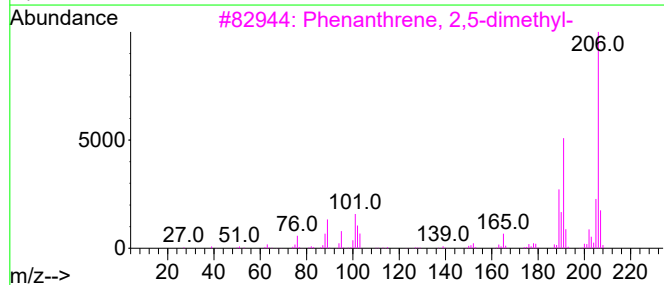
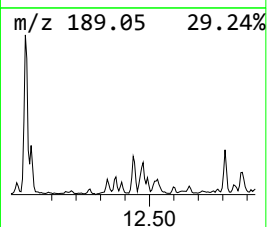
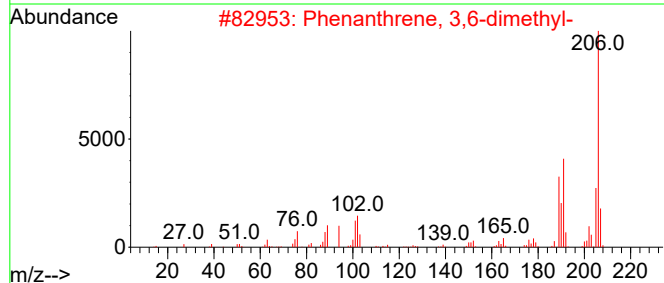
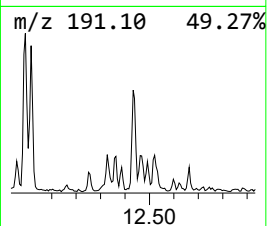
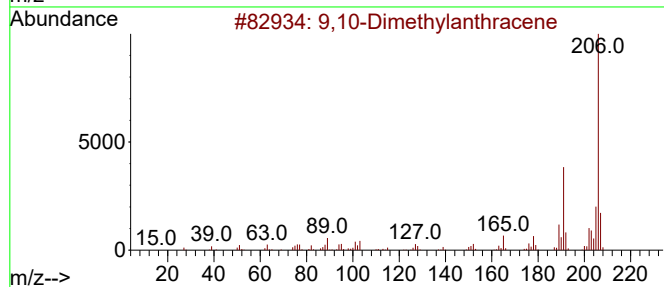
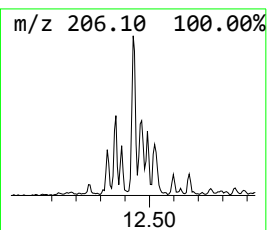
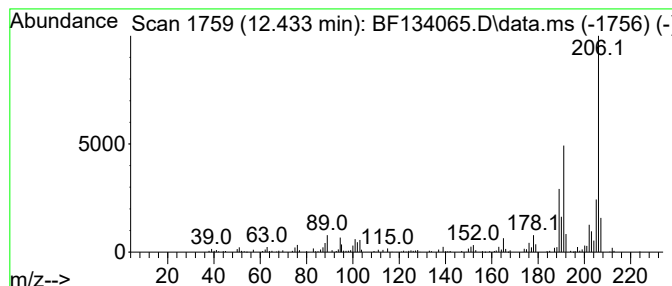
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	3.99 ng	159630	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
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Acq On : 30 Jun 2023 22:26
Operator : CG\JU
Sample : 03471-03
Misc :
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Instrument :
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ClientSampleId :
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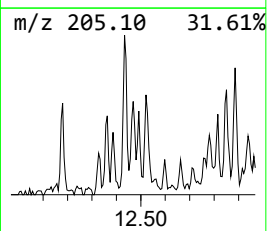
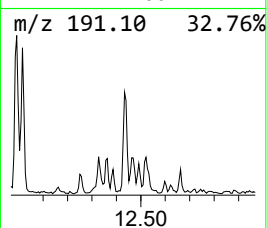
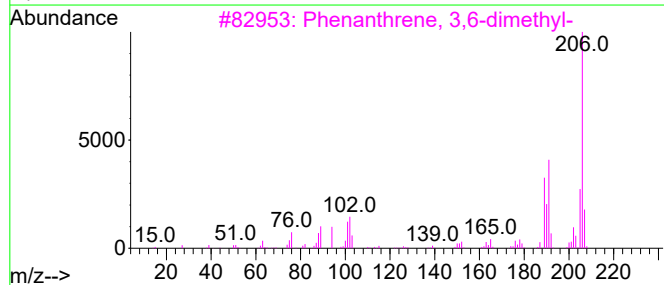
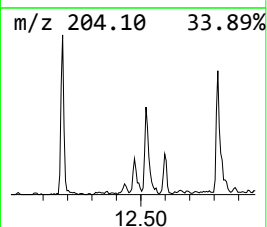
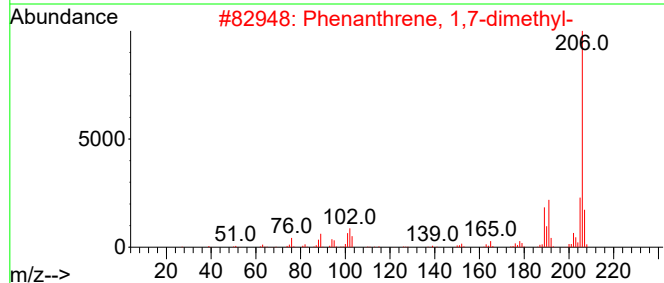
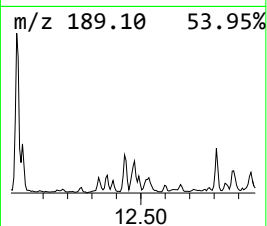
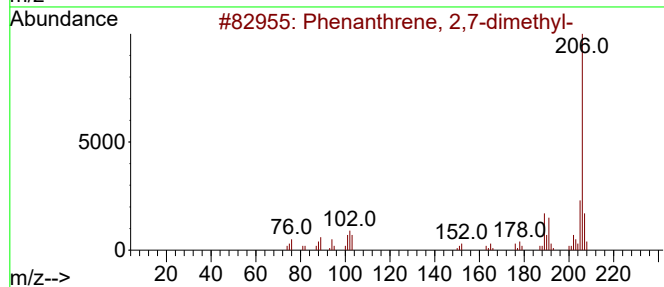
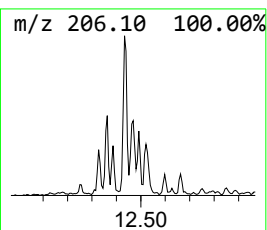
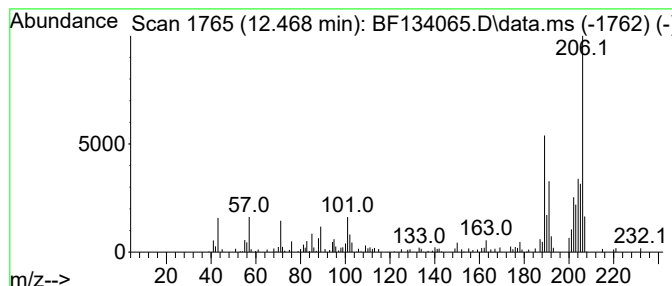
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	2.24 ng	89700	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134065.D
Acq On : 30 Jun 2023 22:26
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Sample : 03471-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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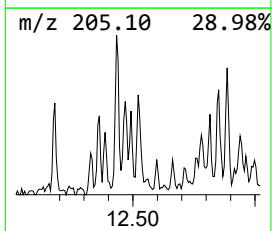
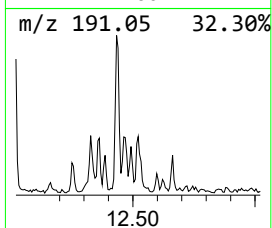
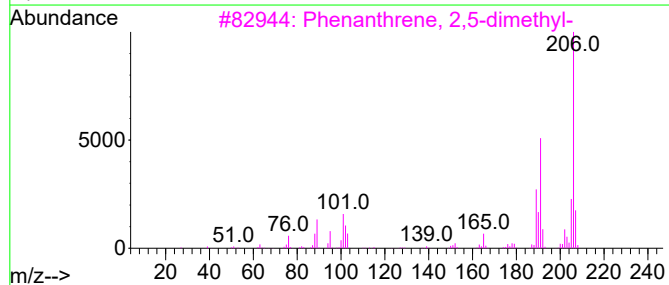
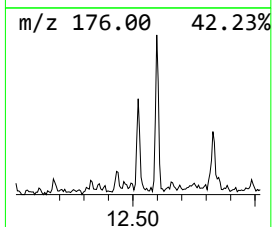
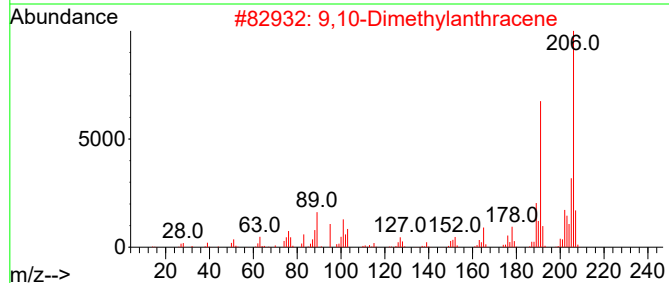
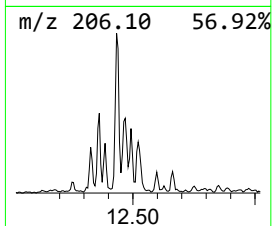
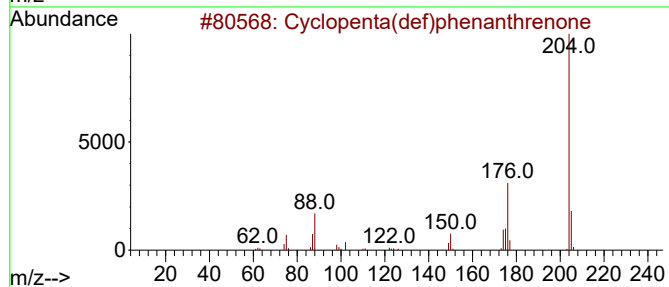
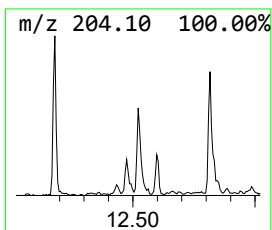
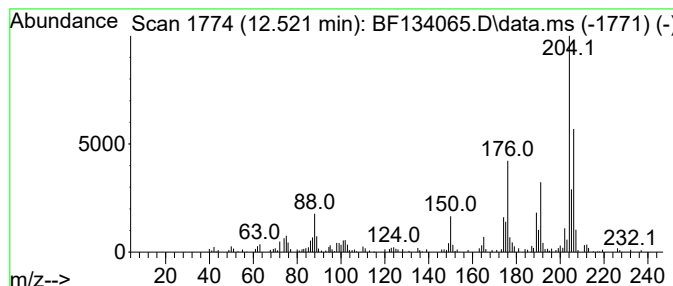
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.521	2.92 ng	116788	Phenanthrene-d10	11.374

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	49
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	49
4		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46
5		Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134065.D
Acq On : 30 Jun 2023 22:26
Operator : CG\JU
Sample : 03471-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-232

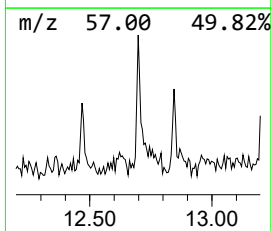
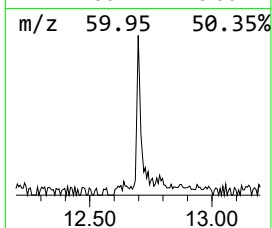
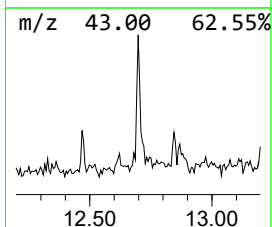
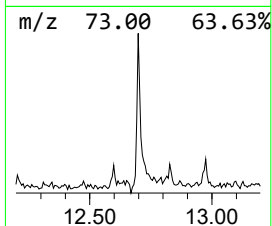
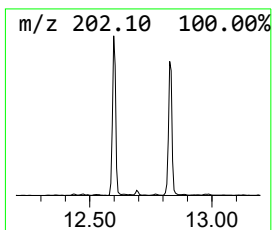
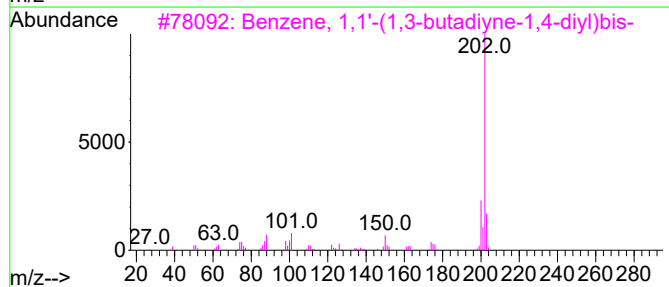
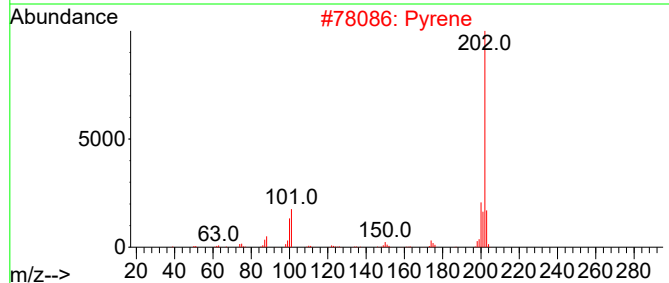
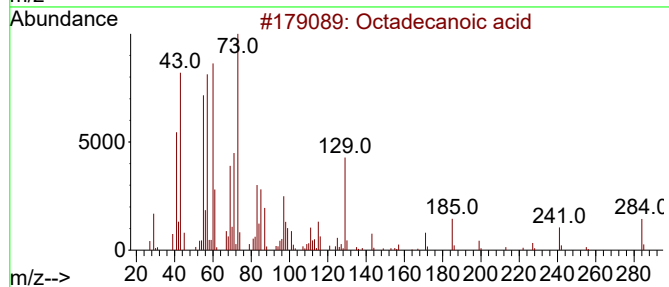
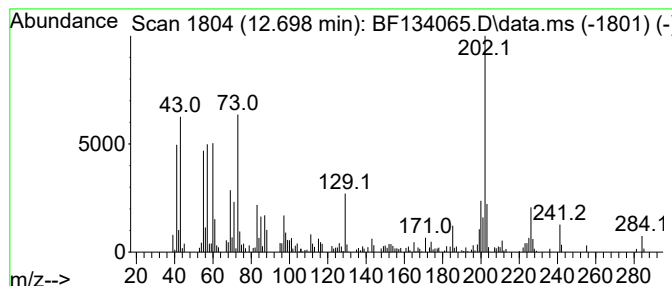
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	2.53 ng	101302	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Pyrene	202	C16H10	000129-00-0	46
3			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	46
4			Fluoranthene	202	C16H10	000206-44-0	46
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134065.D
Acq On : 30 Jun 2023 22:26
Operator : CG\JU
Sample : 03471-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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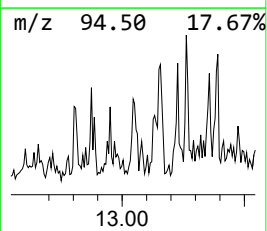
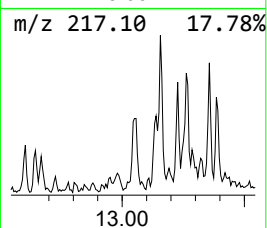
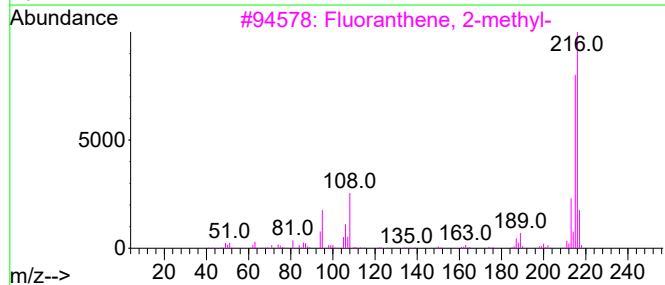
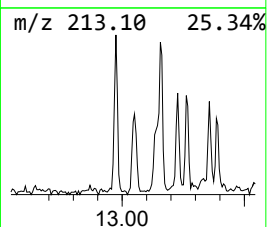
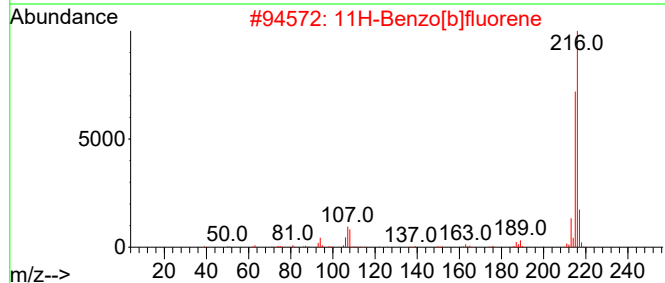
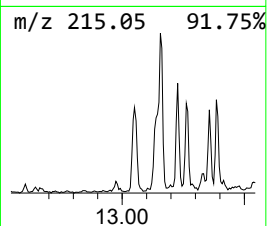
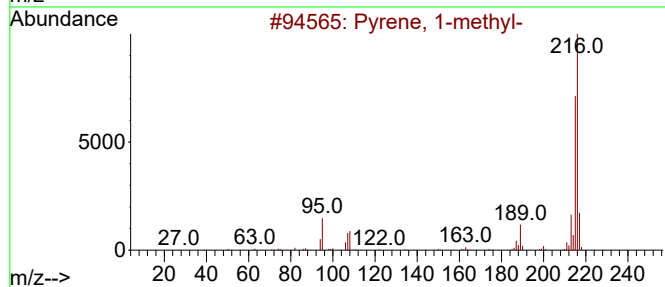
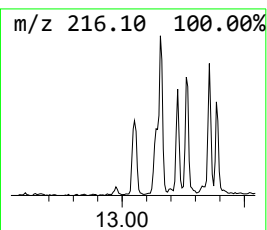
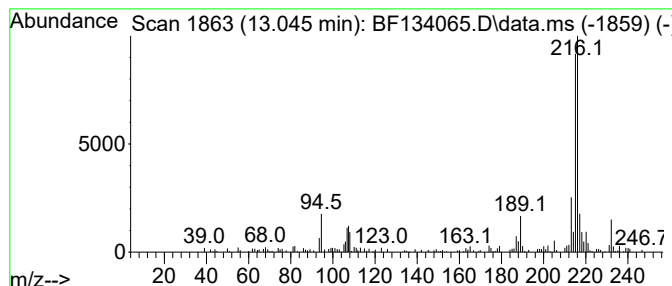
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.045	2.42 ng	138197	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134065.D
Acq On : 30 Jun 2023 22:26
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Sample : 03471-03
Misc :
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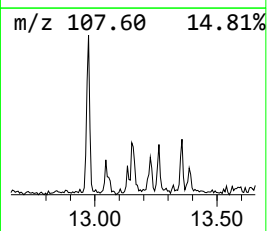
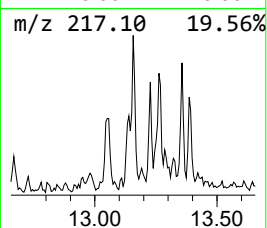
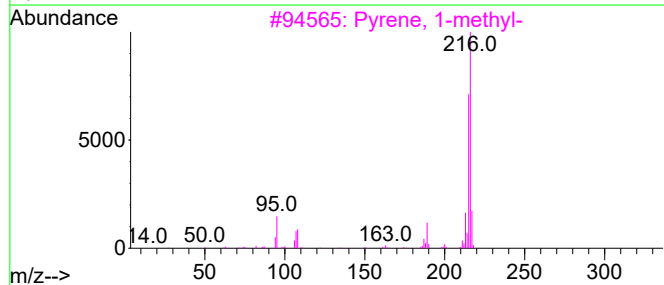
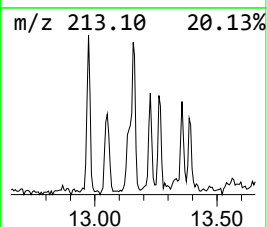
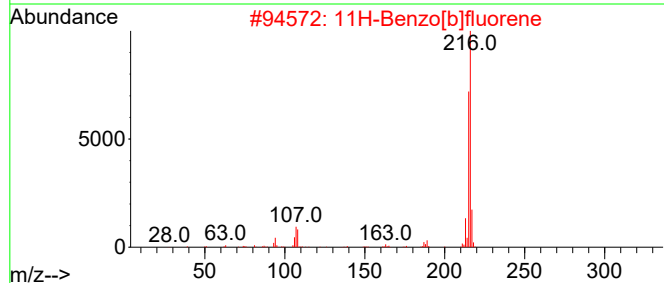
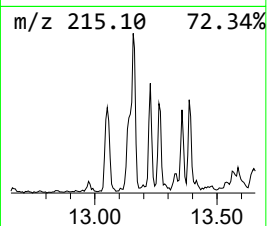
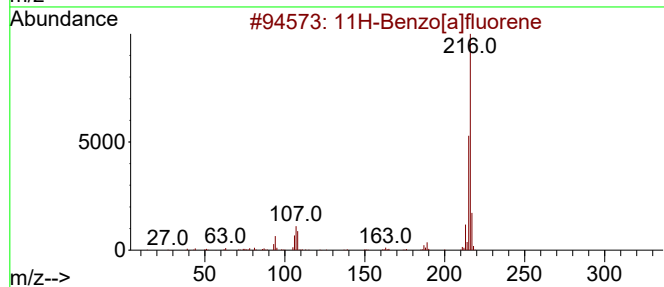
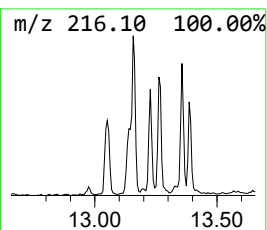
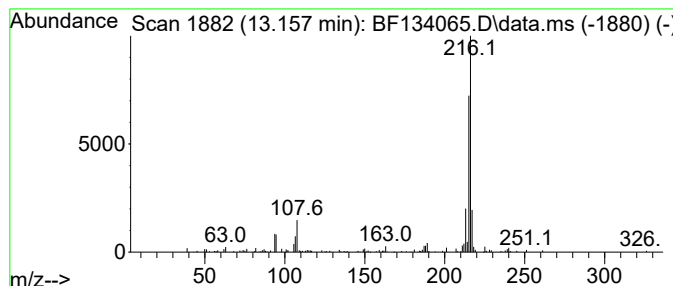
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.45 ng	140133	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
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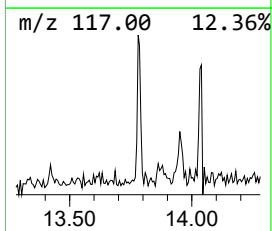
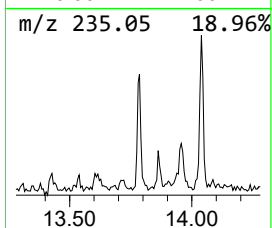
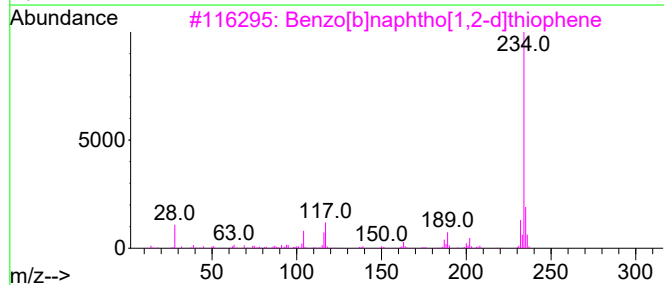
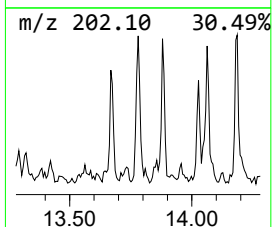
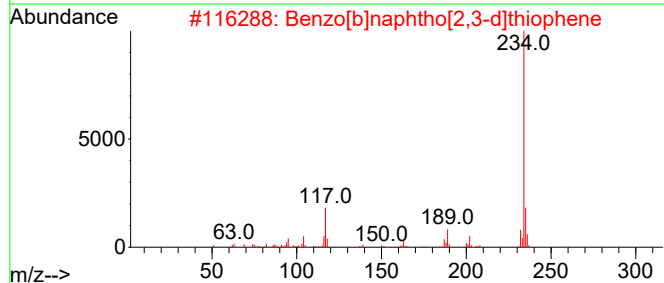
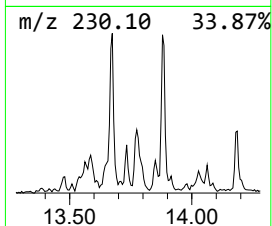
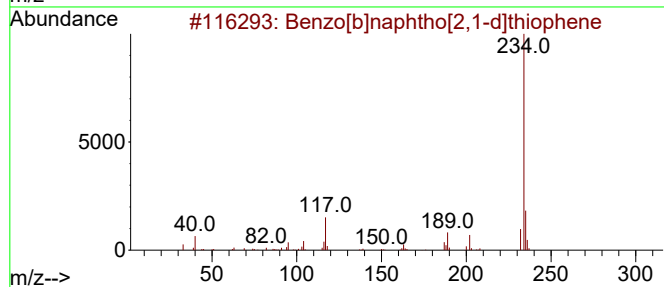
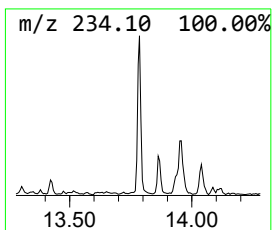
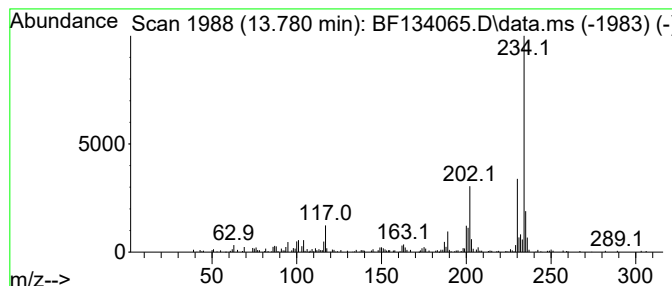
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.780	2.90 ng	165711	Chrysene-d12		14.039	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene		234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene		234	C16H10S	000243-46-9	86
3	Benzo[b]naphtho[1,2-d]thiophene		234	C16H10S	000205-43-6	58
4	Phenanthro(2,1-b)thiophene		234	C16H10S	000219-25-0	47
5	Trisaminol, 3-OTMS		337	C13H35NO3Si3	091933-50-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
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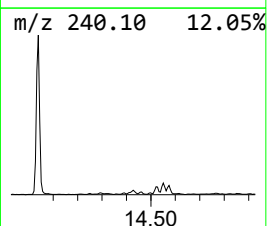
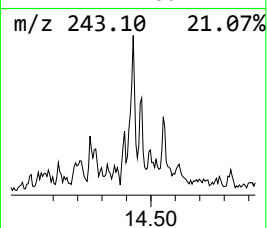
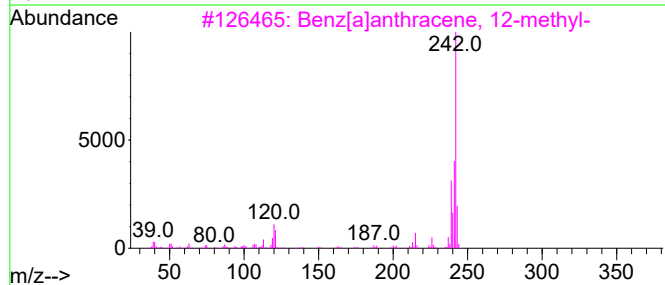
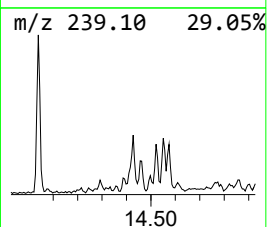
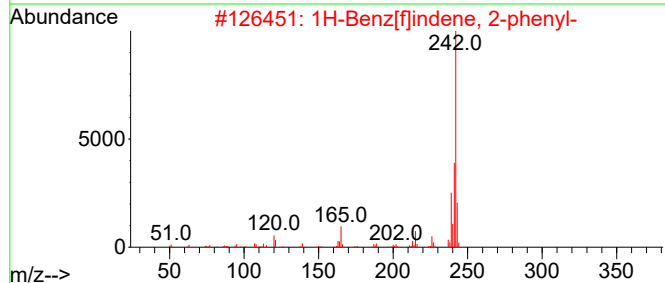
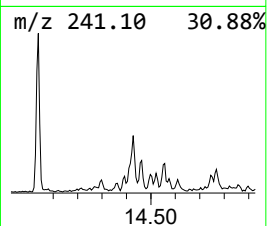
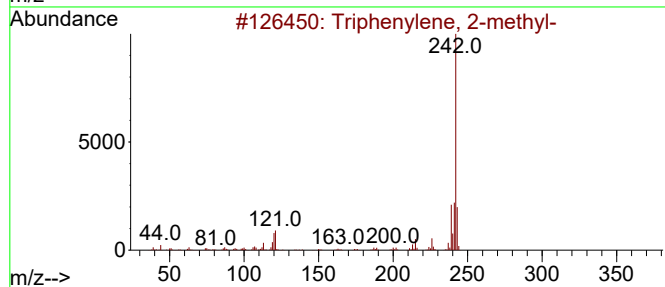
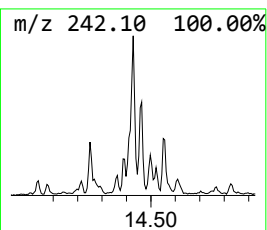
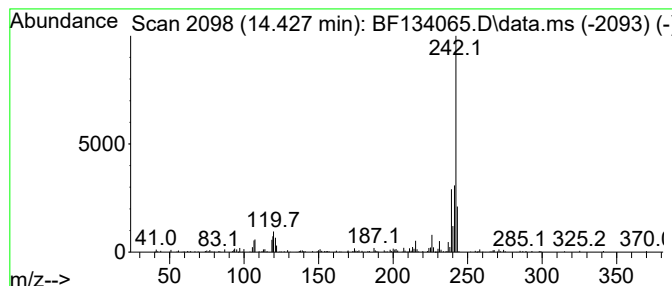
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Triphenylene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.427	2.11 ng	120781	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
2			1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	94
3			Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	93
4			Benzo[c]phenanthrene, 6-methyl-	242	C19H14	002381-34-2	93
5			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134065.D
Acq On : 30 Jun 2023 22:26
Operator : CG\JU
Sample : 03471-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

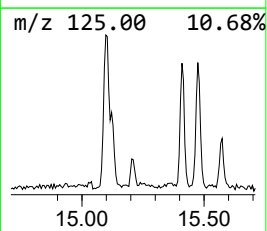
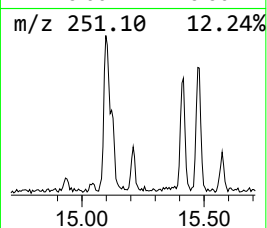
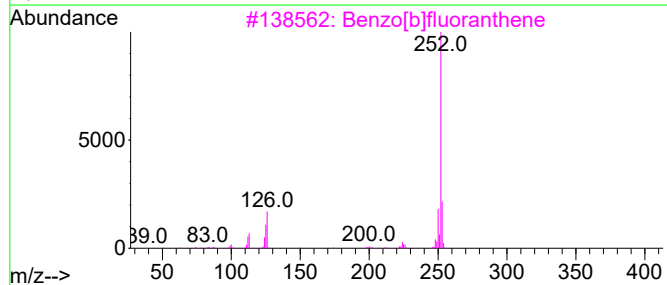
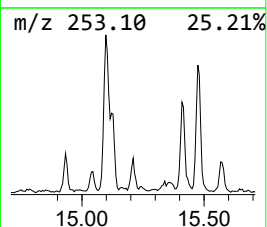
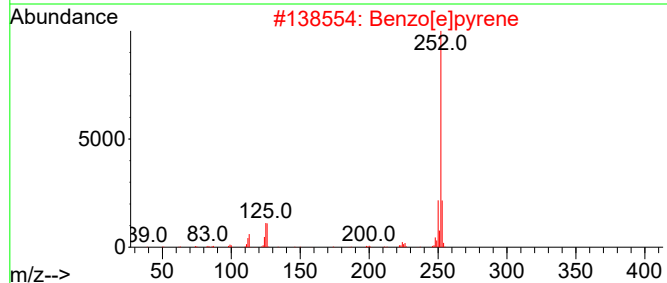
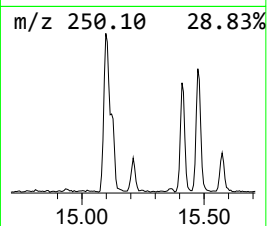
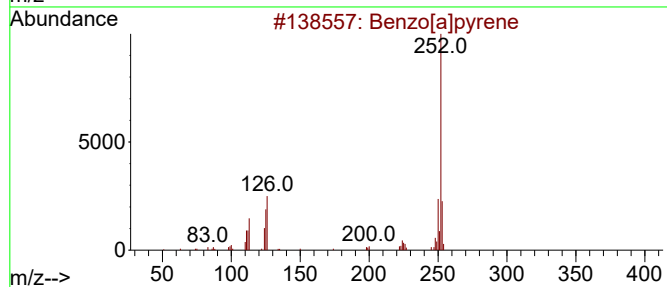
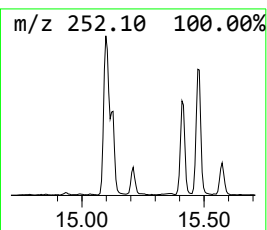
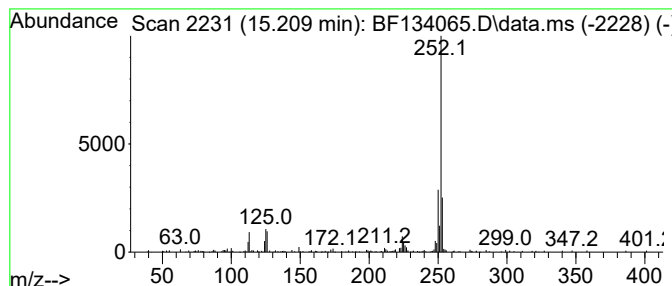
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	2.68 ng	71656	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	91
2			Benzo[e]pyrene	252	C20H12	000192-97-2	90
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5			Perylene	252	C20H12	000198-55-0	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134065.D
Acq On : 30 Jun 2023 22:26
Operator : CG\JU
Sample : 03471-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

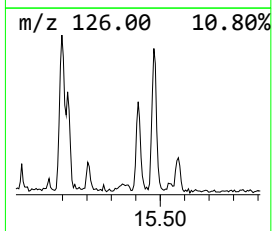
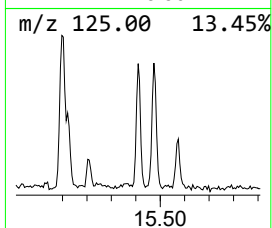
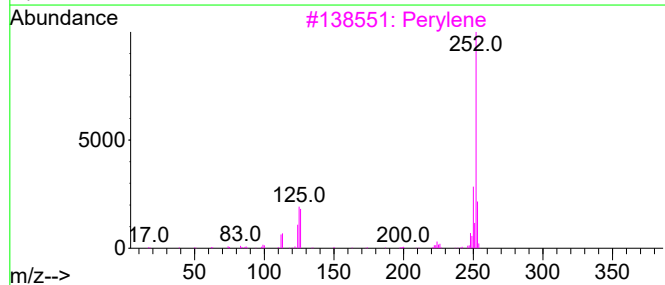
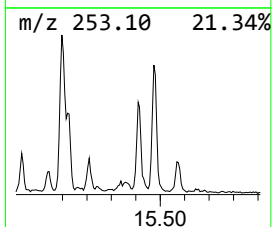
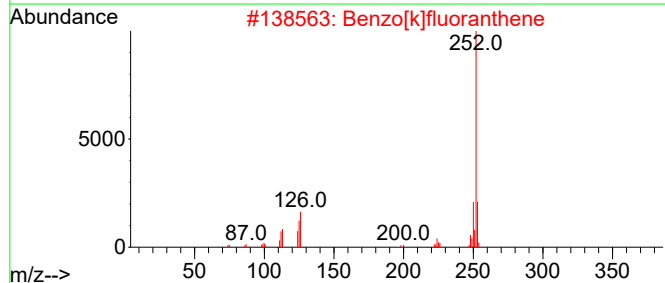
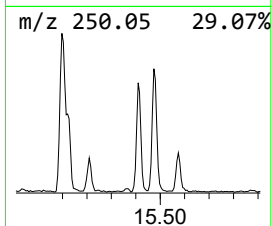
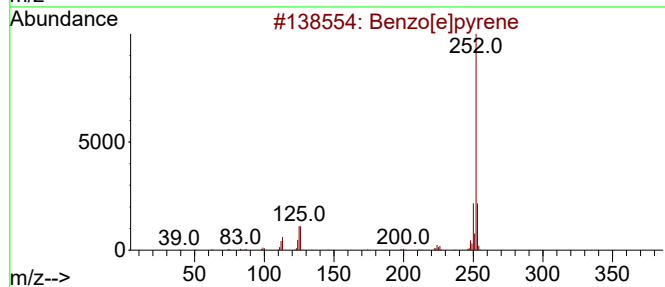
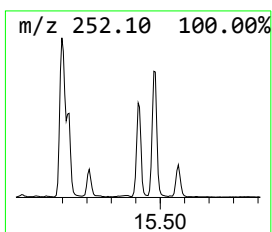
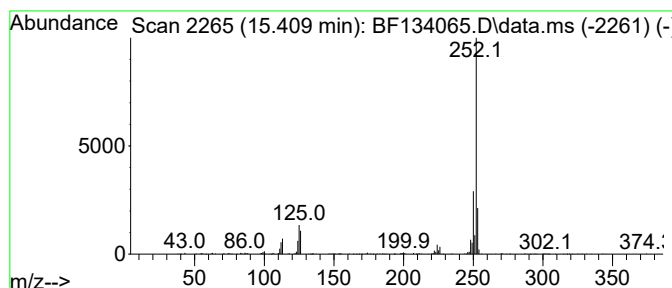
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	11.83 ng	315934	Perylene-d12	15.545

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5		Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134065.D
 Acq On : 30 Jun 2023 22:26
 Operator : CG\JU
 Sample : 03471-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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
Butane, 2-metho...	2.134	44.7	ng	1407530	1	6.845	629513	20.0
2-Pentanone, 4-...	5.087	7.2	ng	227987	1	6.845	629513	20.0
Benzophenone	10.598	6.5	ng	280091	3	9.880	863249	20.0
Anthracene, 2-m...	11.880	4.3	ng	172248	4	11.374	800397	20.0
Phenanthrene, 2...	11.910	9.6	ng	382814	4	11.374	800397	20.0
4H-Cyclopenta[d...	11.992	6.3	ng	250556	4	11.374	800397	20.0
Phenanthrene, 1...	12.016	2.9	ng	117715	4	11.374	800397	20.0
Naphthalene, 2-...	12.180	2.3	ng	93325	4	11.374	800397	20.0
9,10-Anthracene...	12.204	2.9	ng	114065	4	11.374	800397	20.0
9,10-Dimethylan...	12.433	4.0	ng	159630	4	11.374	800397	20.0
Phenanthrene, 2...	12.469	2.2	ng	89700	4	11.374	800397	20.0
Cyclopenta(def)...	12.521	2.9	ng	116788	4	11.374	800397	20.0
Octadecanoic acid	12.698	2.5	ng	101302	4	11.374	800397	20.0
Pyrene, 1-methyl-	13.045	2.4	ng	138197	5	14.039	1142840	20.0
11H-Benzo[a]flu...	13.157	2.5	ng	140133	5	14.039	1142840	20.0
Benzo[b]naphtho...	13.780	2.9	ng	165711	5	14.039	1142840	20.0
Triphenylene, 2...	14.427	2.1	ng	120781	5	14.039	1142840	20.0
Benzo[e]pyrene	15.210	2.7	ng	71656	6	15.545	534134	20.0
Perylene	15.410	11.8	ng	315934	6	15.545	534134	20.0