

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133422.D
 Acq On : 17 May 2023 19:51
 Operator : CG\JU
 Sample : 02812-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B4-0-10

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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133422.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.898	474	478	494	rVB	899462	1145075	21.25%	2.147%
2	5.328	547	551	562	rBV	4693417	4552641	84.47%	8.534%
3	5.722	613	618	623	rBV	76528	77022	1.43%	0.144%
4	6.363	722	727	744	rBV	4514516	4735592	87.86%	8.877%
5	6.710	783	786	793	rBV	1542375	1254825	23.28%	2.352%
6	7.281	878	883	886	rBV	3573054	3032760	56.27%	5.685%
7	7.998	1001	1005	1008	rBV	2106497	1734583	32.18%	3.252%
8	9.075	1184	1188	1191	rBV	6433742	5389676	100.00%	10.103%
9	9.751	1299	1303	1306	rBV	2305486	1928858	35.79%	3.616%
10	9.780	1306	1308	1312	rVB	199452	146543	2.72%	0.275%
11	9.951	1334	1337	1341	rBV	102512	96826	1.80%	0.182%
12	10.292	1392	1395	1402	rVB	138176	140347	2.60%	0.263%
13	10.463	1420	1424	1427	rVB2	195361	190774	3.54%	0.358%
14	10.539	1433	1437	1440	rBV	3509453	3160968	58.65%	5.925%
15	10.845	1482	1489	1491	rBV3	51739	79982	1.48%	0.150%
16	11.039	1519	1522	1526	rVB	92638	79610	1.48%	0.149%
17	11.092	1526	1531	1535	rVV4	50742	88789	1.65%	0.166%
18	11.127	1535	1537	1542	rVB	97884	90552	1.68%	0.170%
19	11.233	1551	1555	1557	rBV	2361932	2021649	37.51%	3.790%
20	11.257	1557	1559	1562	rVV	2051560	1497024	27.78%	2.806%
21	11.304	1562	1567	1571	rVB	287115	280248	5.20%	0.525%
22	11.469	1588	1595	1602	rBV2	97923	147809	2.74%	0.277%
23	11.563	1609	1611	1618	rVB4	50392	63172	1.17%	0.118%
24	11.733	1637	1640	1642	rBV	340296	262095	4.86%	0.491%
25	11.763	1642	1645	1649	rVV2	463913	545661	10.12%	1.023%
26	11.810	1649	1653	1656	rVV2	106146	153548	2.85%	0.288%
27	11.845	1656	1659	1661	rVV	386287	400716	7.43%	0.751%
28	11.869	1661	1663	1669	rVB	211628	190037	3.53%	0.356%
29	12.027	1687	1690	1692	rBV	175808	147272	2.73%	0.276%
30	12.057	1692	1695	1698	rVB	184747	164410	3.05%	0.308%
31	12.286	1730	1734	1736	rBV	171001	175202	3.25%	0.328%
32	12.321	1736	1740	1745	rVB4	98861	177769	3.30%	0.333%
33	12.369	1745	1748	1753	rBV2	130406	141863	2.63%	0.266%
34	12.445	1757	1761	1764	rBV	1976763	1617375	30.01%	3.032%
35	12.580	1782	1784	1790	rVB2	59179	99939	1.85%	0.187%
36	12.674	1793	1800	1803	rVV	1604990	1747921	32.43%	3.277%

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37	12.721	1806	1808	1812	rVB2	108379	112103	2.08%	0.210%
38	12.792	1817	1820	1821	rBV2	83310	72646	1.35%	0.136%
39	12.821	1821	1825	1828	rVV	5388828	5066243	94.00%	9.497%
40	12.892	1832	1837	1841	rBV3	130835	190945	3.54%	0.358%
41	12.980	1849	1852	1853	rBV	94124	105780	1.96%	0.198%
42	13.004	1853	1856	1859	rVB	183599	185778	3.45%	0.348%
43	13.069	1859	1867	1869	rBV2	132913	206636	3.83%	0.387%
44	13.104	1869	1873	1876	rBV	189349	183764	3.41%	0.344%
45	13.198	1886	1889	1892	rBV	96050	83499	1.55%	0.157%
46	13.227	1892	1894	1898	rVB	117370	95465	1.77%	0.179%
47	13.398	1918	1923	1926	rBV4	93292	124089	2.30%	0.233%
48	13.510	1939	1942	1947	rVB	120284	114878	2.13%	0.215%
49	13.616	1956	1960	1963	rBV2	104423	130494	2.42%	0.245%
50	13.645	1963	1965	1967	rVV	104584	93726	1.74%	0.176%
51	13.668	1967	1969	1975	rVB3	62788	86321	1.60%	0.162%
52	13.727	1975	1979	1988	rBV2	306080	486681	9.03%	0.912%
53	13.868	1996	2003	2006	rBV2	1456383	1835531	34.06%	3.441%
54	13.898	2006	2008	2016	rVB	540833	497780	9.24%	0.933%
55	13.974	2016	2021	2024	rBV2	80020	85841	1.59%	0.161%
56	14.045	2030	2033	2038	rVB4	84653	86448	1.60%	0.162%
57	14.257	2065	2069	2072	rBV2	120938	122713	2.28%	0.230%
58	14.292	2072	2075	2078	rVB2	73046	71386	1.32%	0.134%
59	14.351	2082	2085	2087	rBV3	124658	114573	2.13%	0.215%
60	14.645	2132	2135	2137	rBV2	80202	77380	1.44%	0.145%
61	14.786	2156	2159	2166	rVB4	80863	98847	1.83%	0.185%
62	14.886	2172	2176	2186	rBV	551296	996572	18.49%	1.868%
63	14.962	2186	2189	2192	rBV2	172783	203130	3.77%	0.381%
64	14.992	2192	2194	2197	rVB	73365	73226	1.36%	0.137%
65	15.174	2221	2225	2231	rVB	338404	385010	7.14%	0.722%
66	15.233	2231	2235	2240	rBV	470574	525385	9.75%	0.985%
67	15.292	2240	2245	2248	rBV	1161214	1342608	24.91%	2.517%
68	15.321	2248	2250	2259	rVB3	212152	272767	5.06%	0.511%
69	15.733	2316	2320	2326	rVB	162827	238208	4.42%	0.447%
70	16.204	2396	2400	2406	rVB	91349	141901	2.63%	0.266%
71	16.480	2442	2447	2451	rBV3	63193	140137	2.60%	0.263%
72	16.662	2473	2478	2486	rVV2	219660	415397	7.71%	0.779%
73	16.756	2489	2494	2501	rVB3	89611	177671	3.30%	0.333%
74	17.080	2543	2549	2558	rVB	176201	345184	6.40%	0.647%

Sum of corrected areas: 53345876

Instrument :

BNA_F

ClientSampleId :

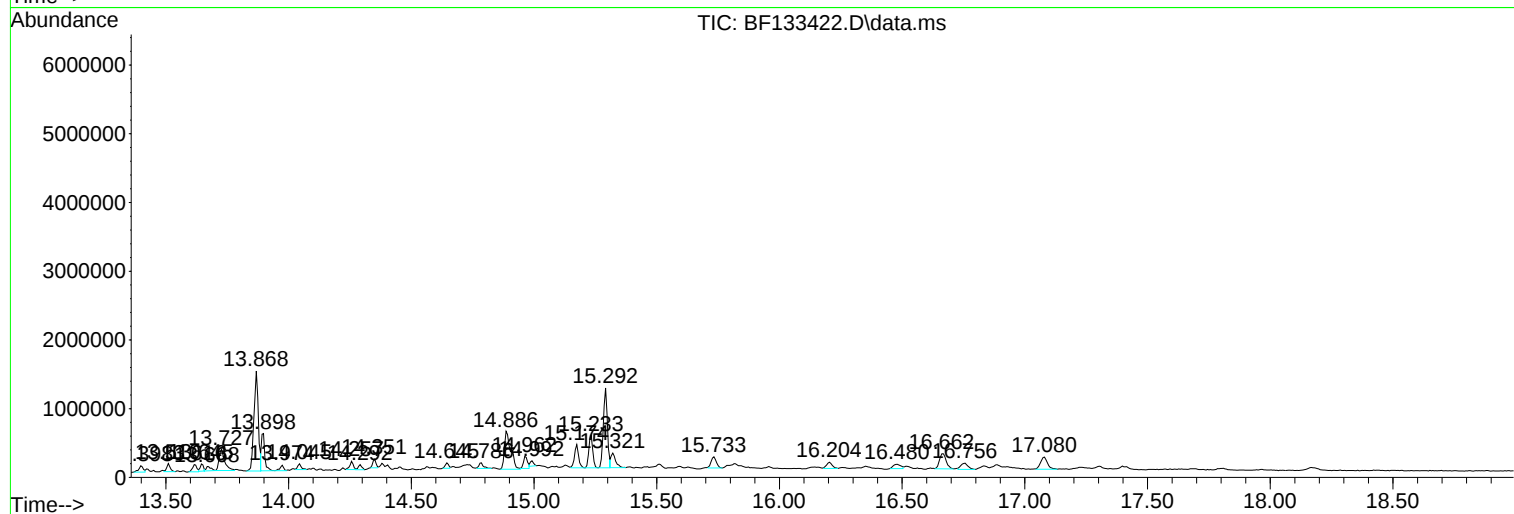
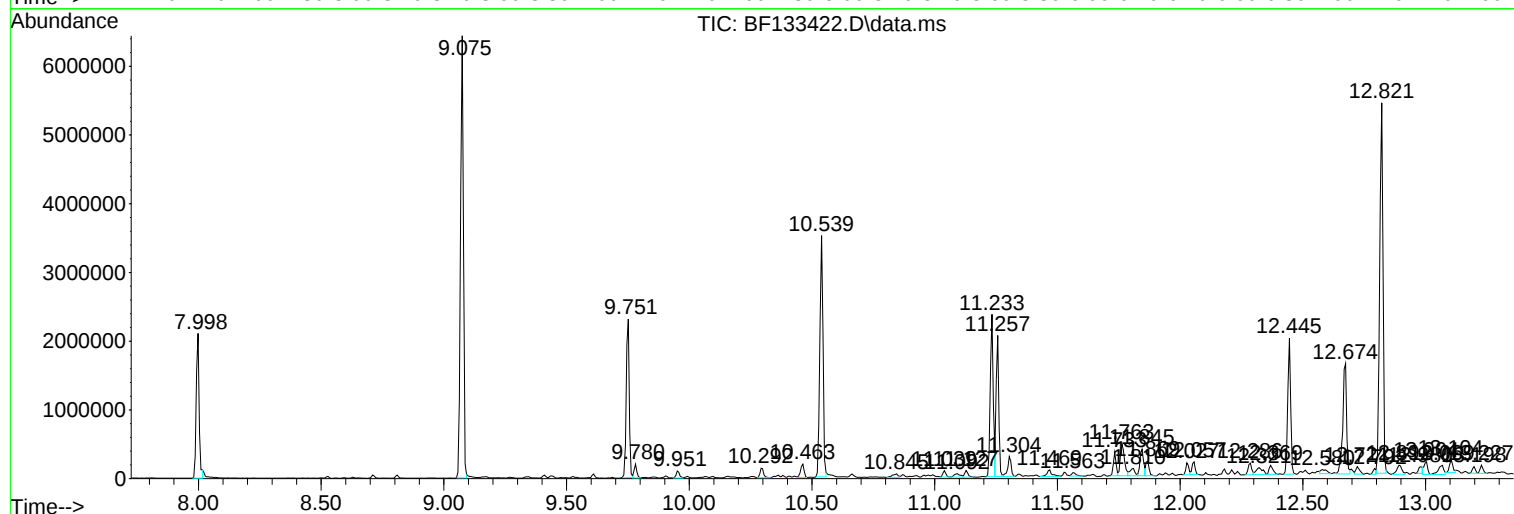
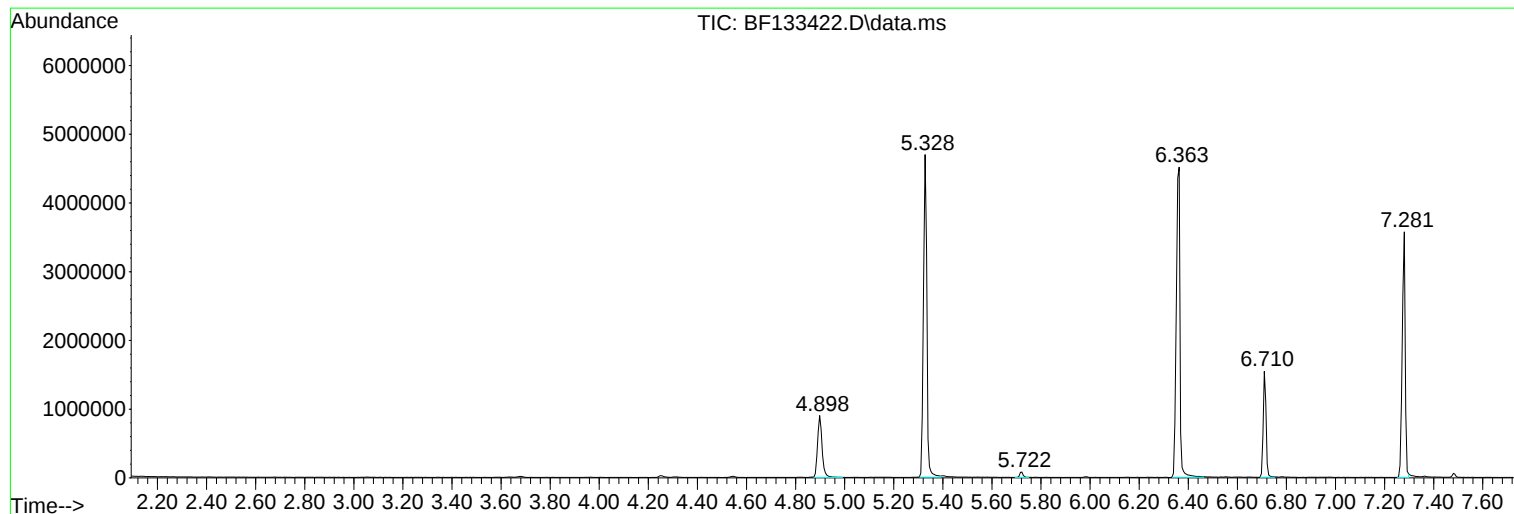
WG-0516-B4-0-10

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-0-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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Instrument :
BNA_F
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WG-0516-B4-0-10

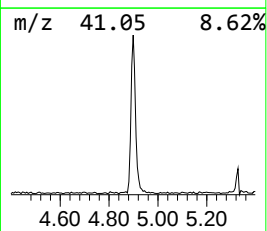
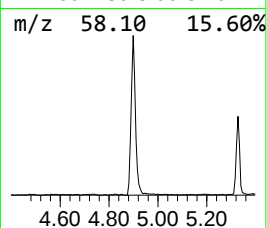
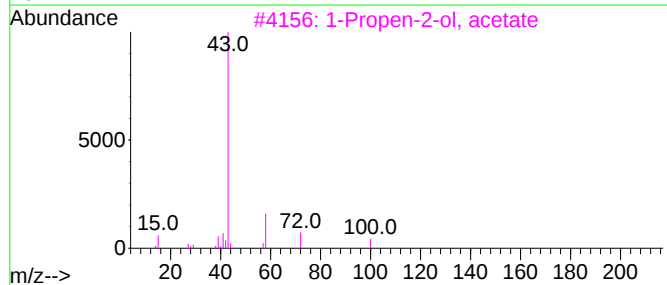
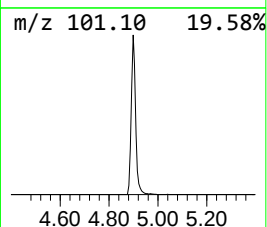
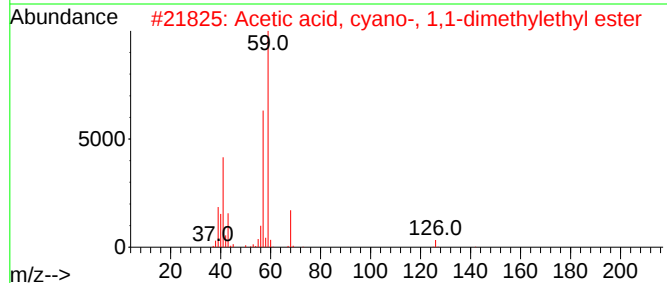
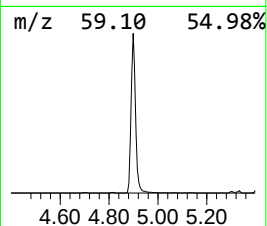
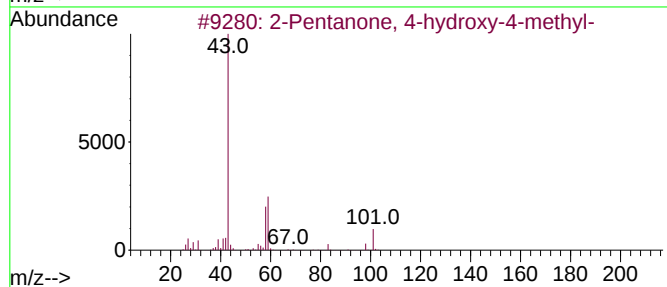
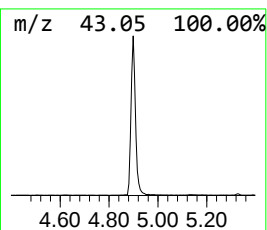
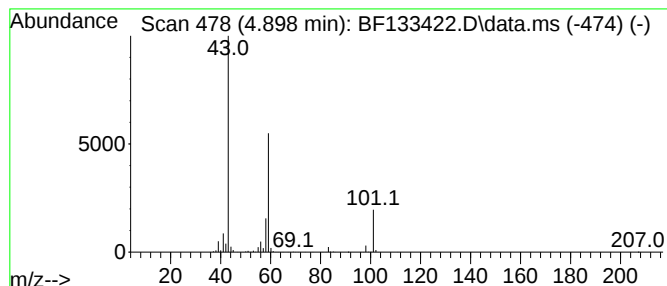
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.898	18.25 ng	1145080	1,4-Dichlorobenzene-d4	6.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9		



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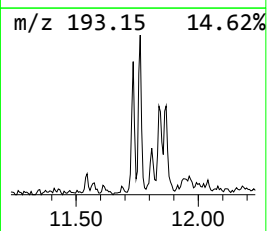
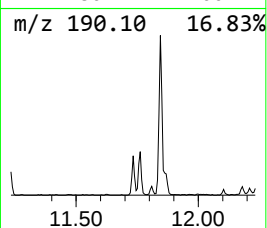
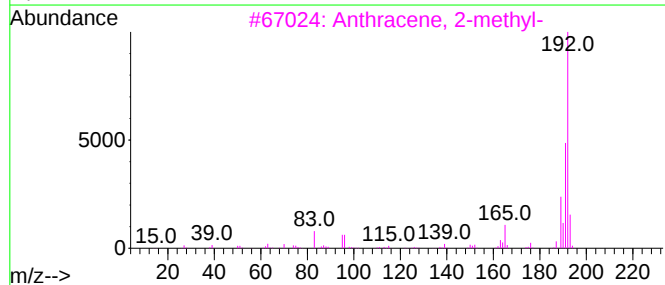
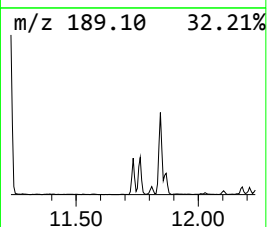
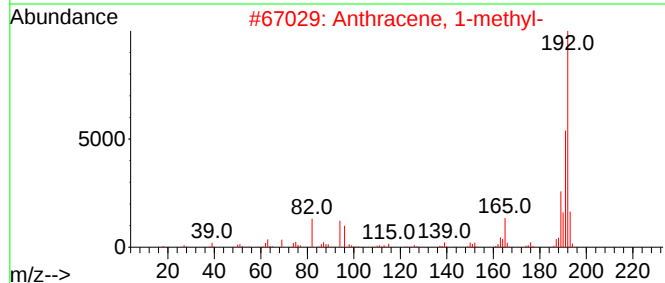
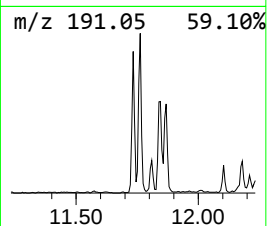
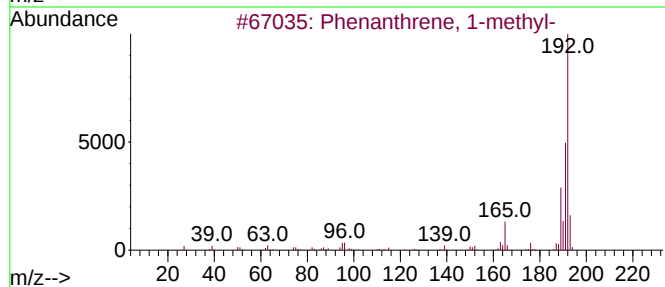
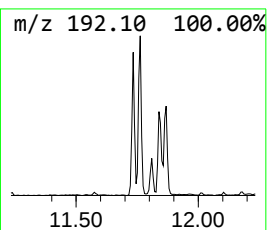
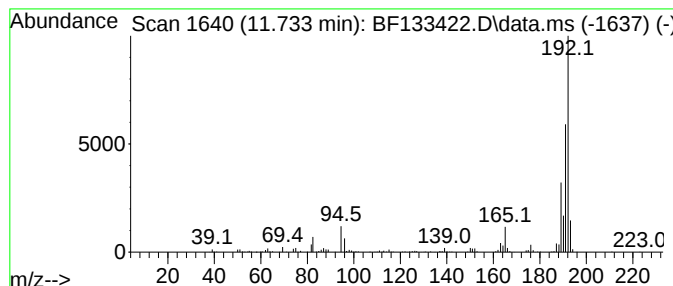
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	2.59 ng	262095	Phenanthrene-d10	11.233

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95



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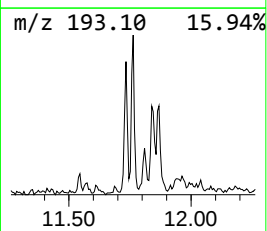
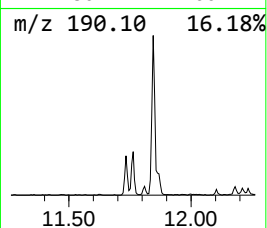
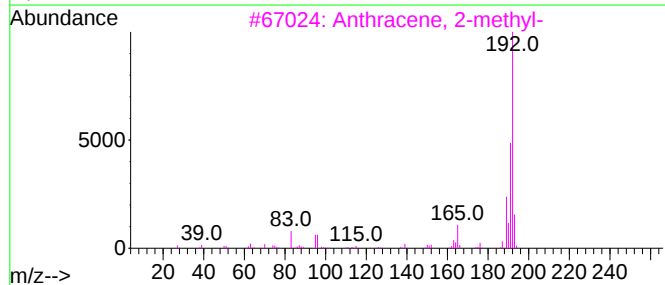
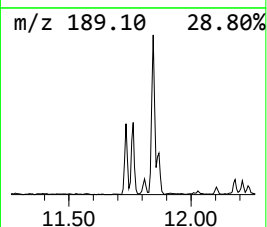
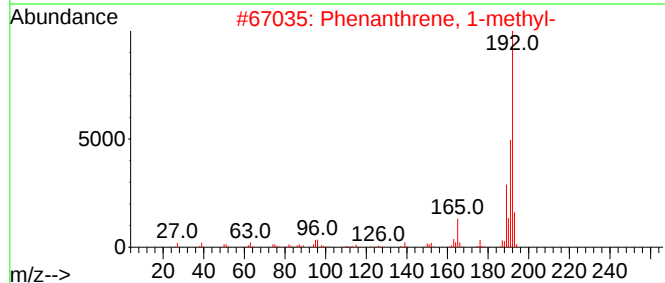
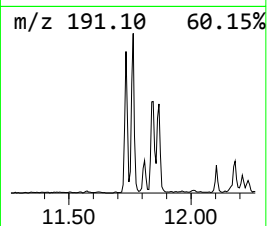
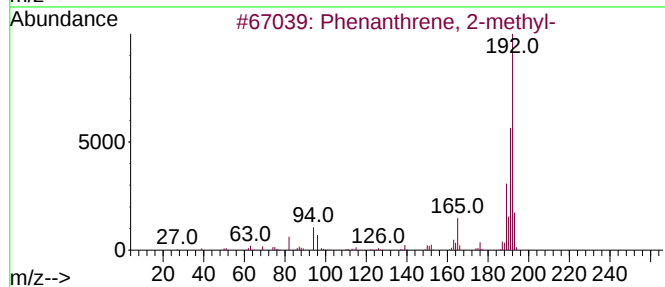
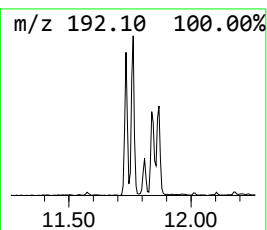
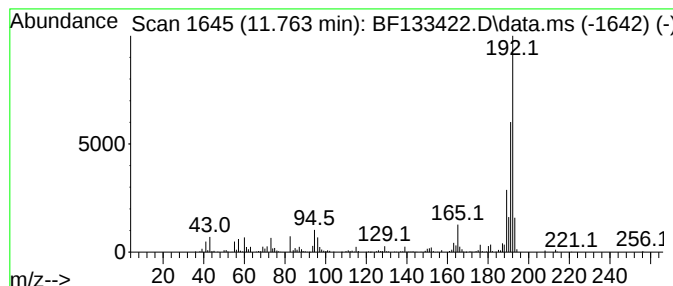
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	5.40 ng	545661	Phenanthrene-d10	11.233

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	96
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95



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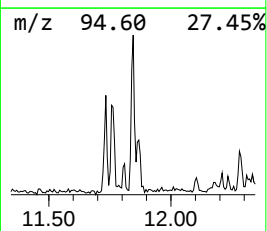
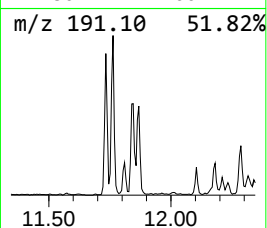
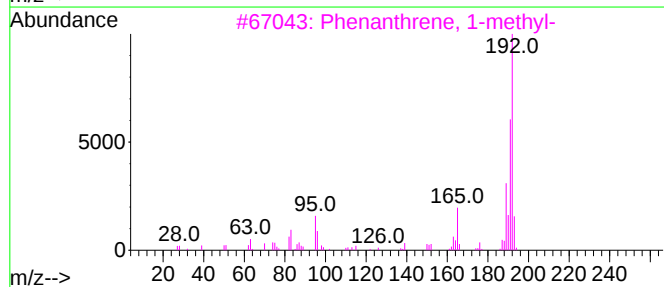
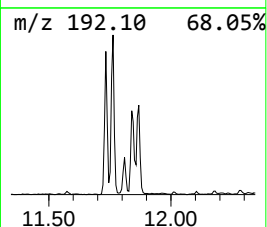
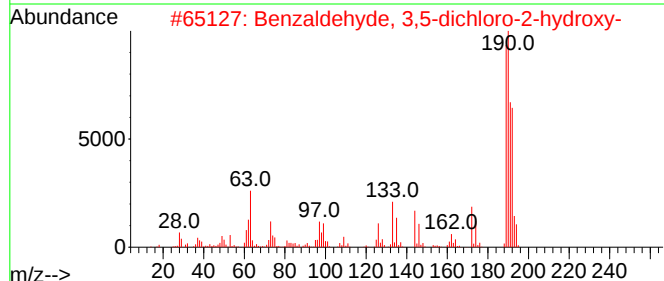
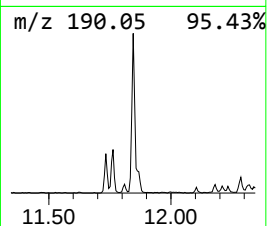
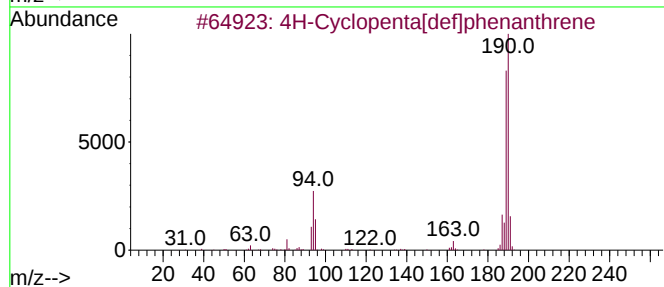
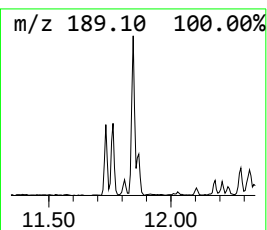
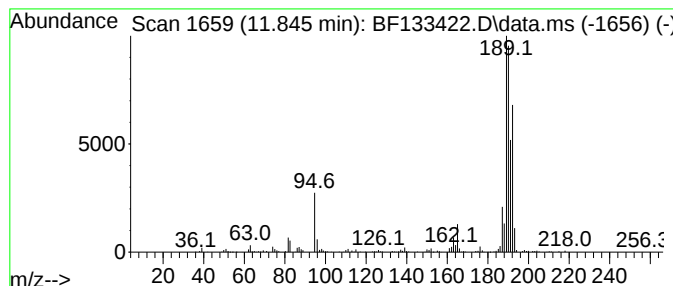
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	3.96 ng	400716	Phenanthrene-d10	11.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133422.D
Acq On : 17 May 2023 19:51
Operator : CG\JU
Sample : 02812-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WG-0516-B4-0-10

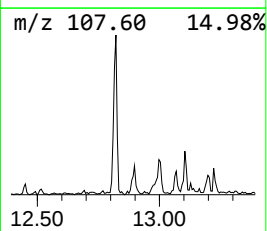
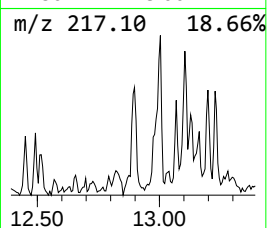
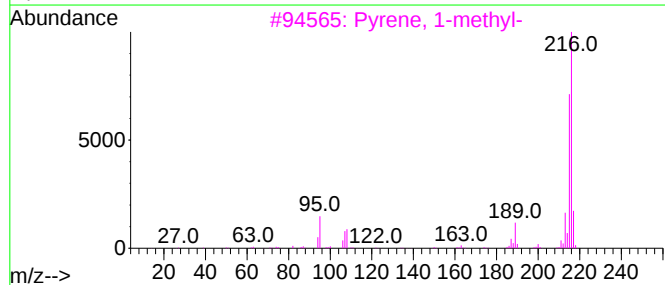
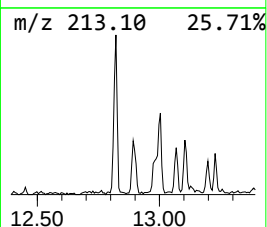
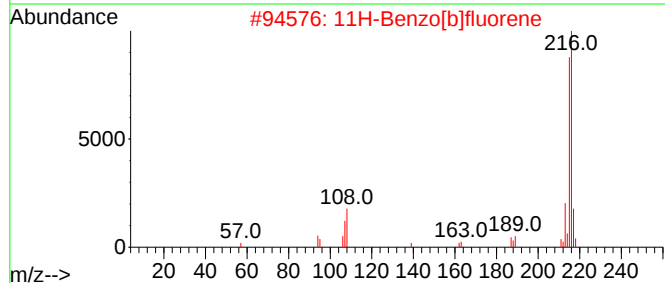
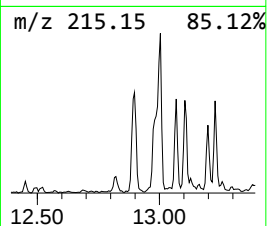
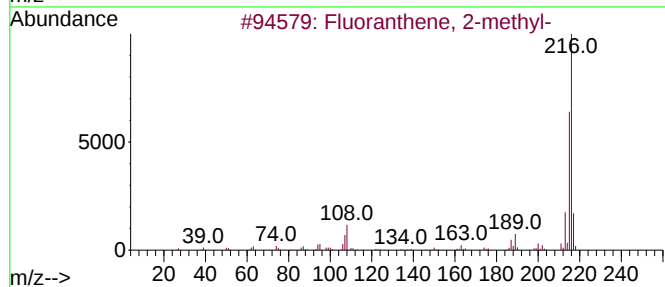
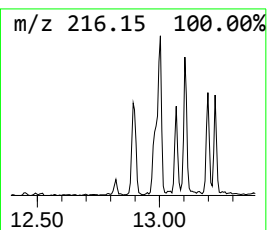
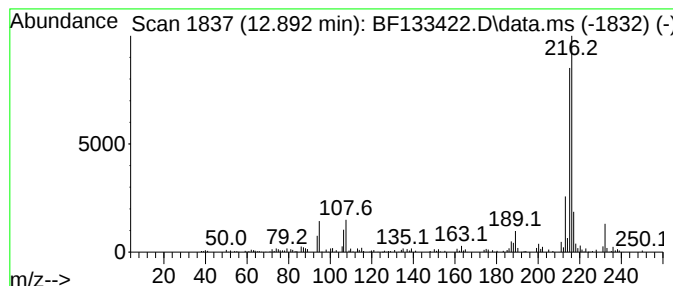
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.892	2.08 ng	190945	Chrysene-d12	13.868

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133422.D
Acq On : 17 May 2023 19:51
Operator : CG\JU
Sample : 02812-12
Misc :
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Instrument :
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ClientSampleId :
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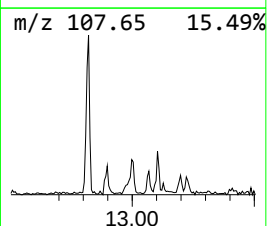
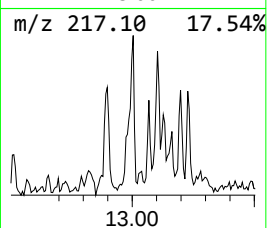
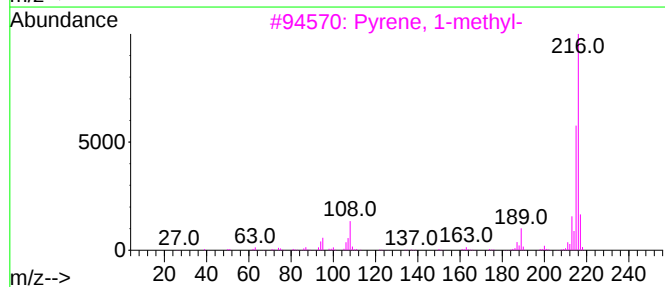
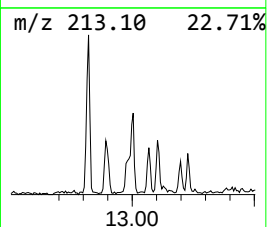
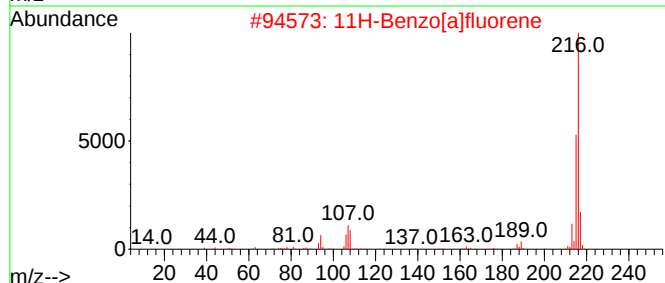
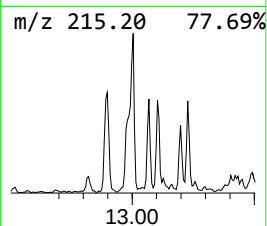
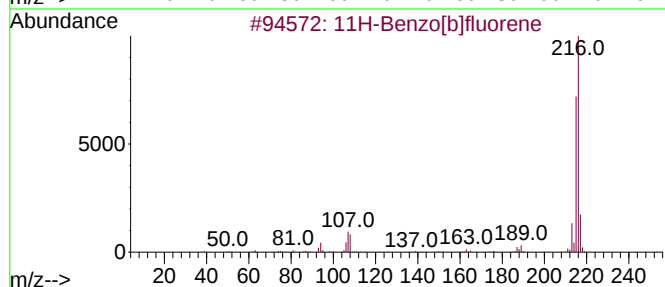
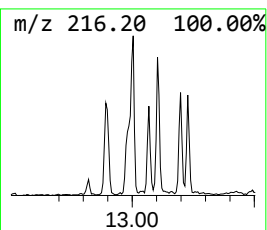
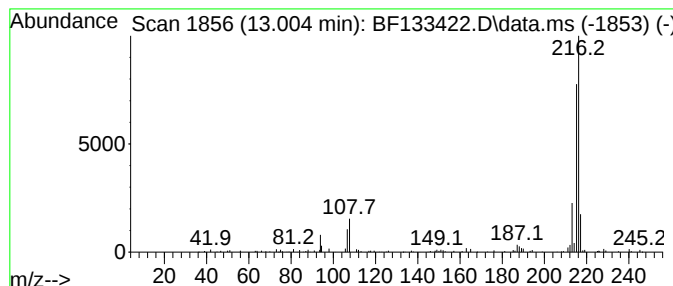
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.004	2.02 ng	185778	Chrysene-d12	13.868

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5			2-[3-Pyridyl]methylene-3-quinucl...	216	C13H16N2O	273748-56-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133422.D
Acq On : 17 May 2023 19:51
Operator : CG\JU
Sample : 02812-12
Misc :
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Instrument :
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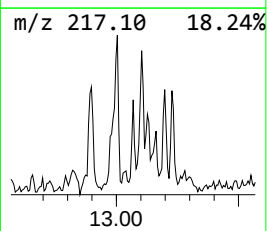
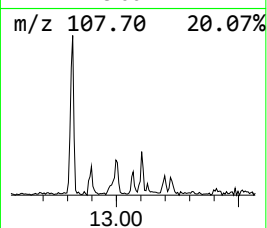
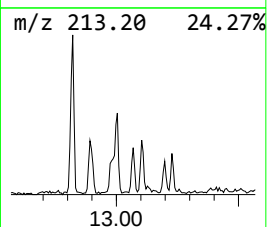
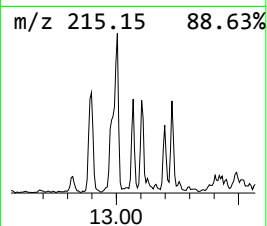
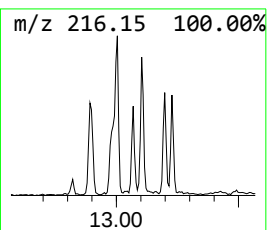
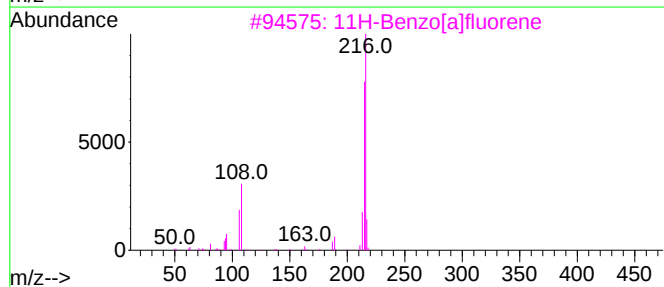
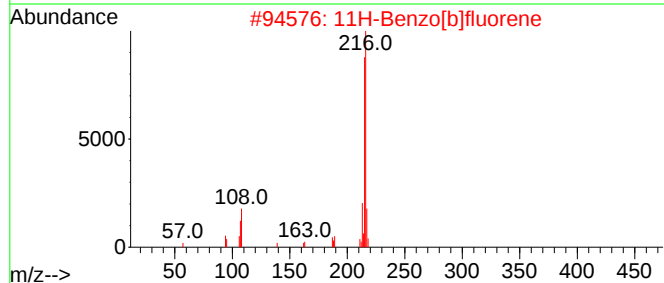
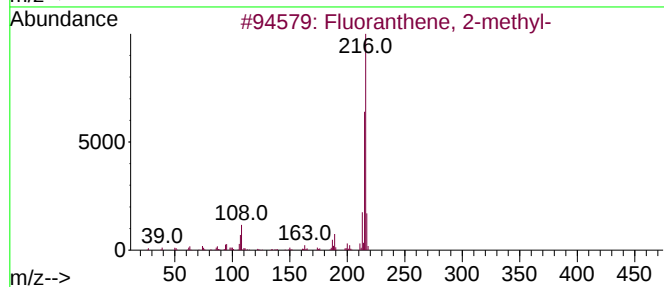
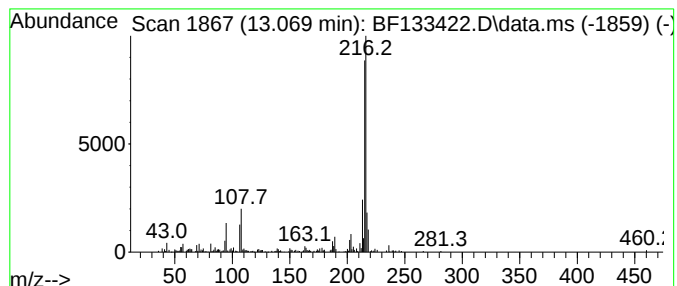
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	2.25 ng	206636	Chrysene-d12	13.868

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133422.D
Acq On : 17 May 2023 19:51
Operator : CG\JU
Sample : 02812-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

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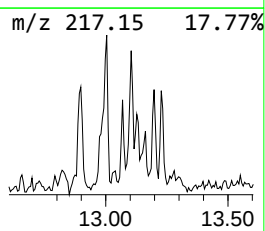
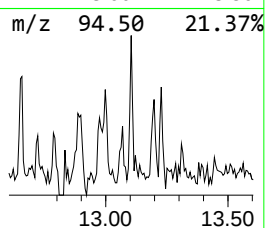
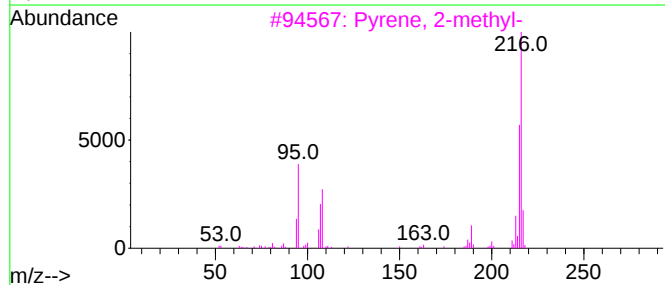
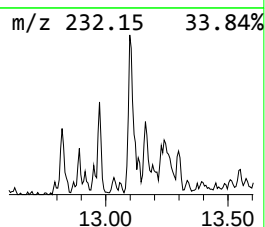
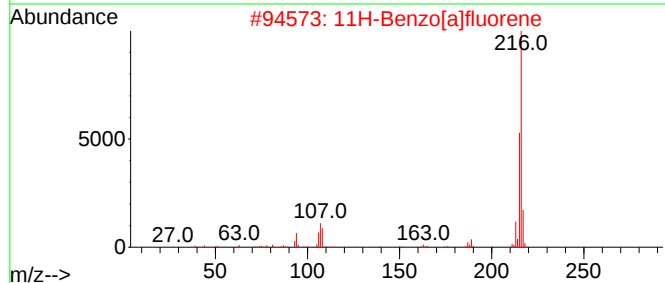
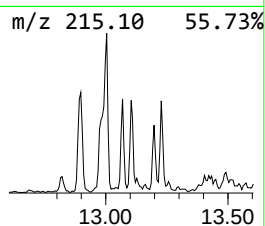
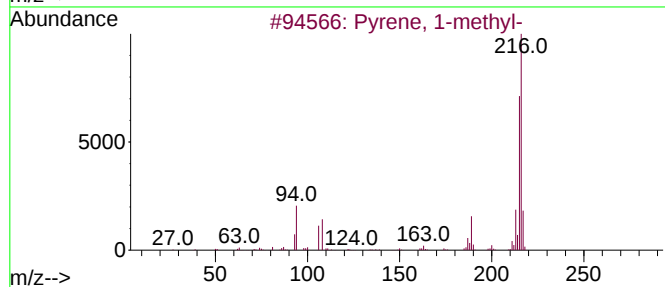
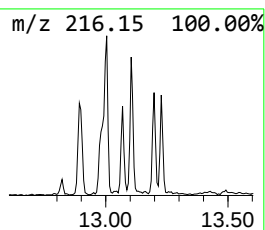
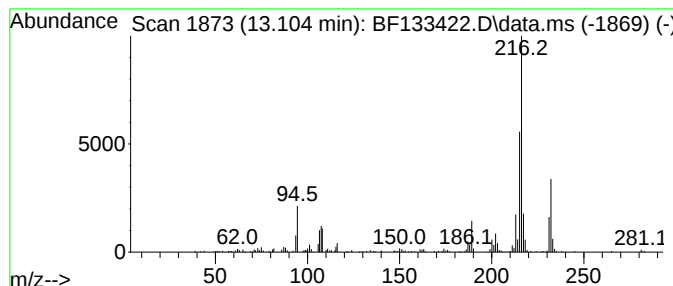
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	2.00 ng	183764	Chrysene-d12	13.868

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133422.D
Acq On : 17 May 2023 19:51
Operator : CG\JU
Sample : 02812-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

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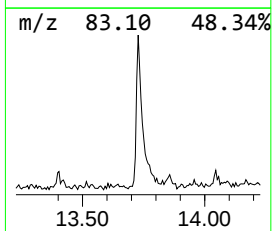
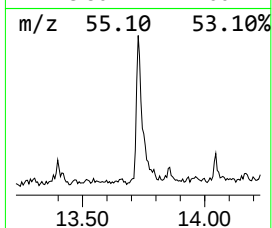
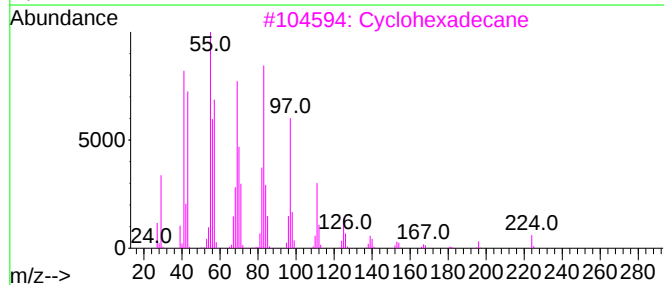
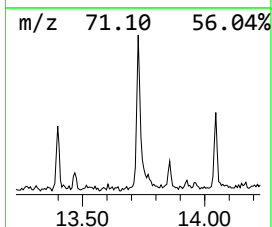
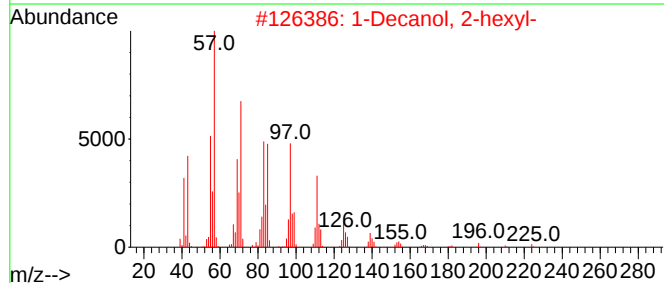
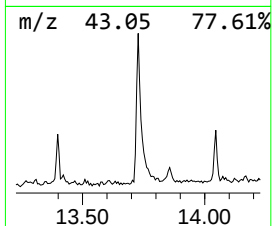
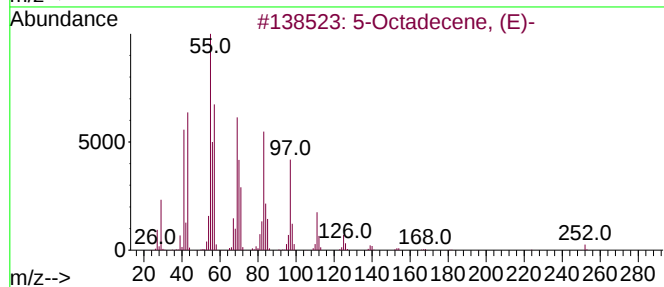
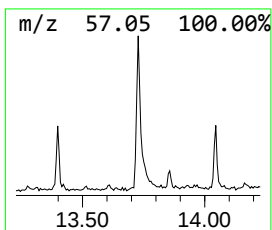
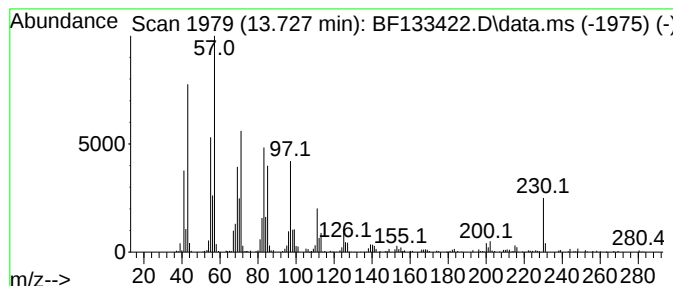
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 5-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	5.30 ng	486681	Chrysene-d12	13.868

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octadecene, (E)-	252	C18H36	007206-21-5	90
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
3			Cyclohexadecane	224	C16H32	000295-65-8	89
4			Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	87
5			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
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ClientSampleId :
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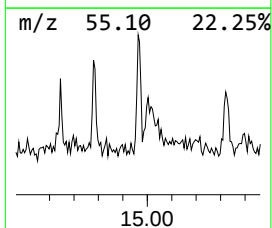
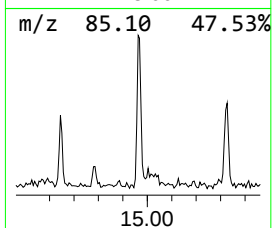
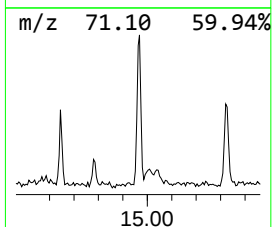
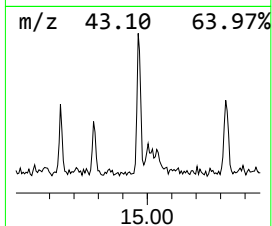
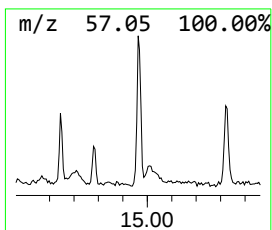
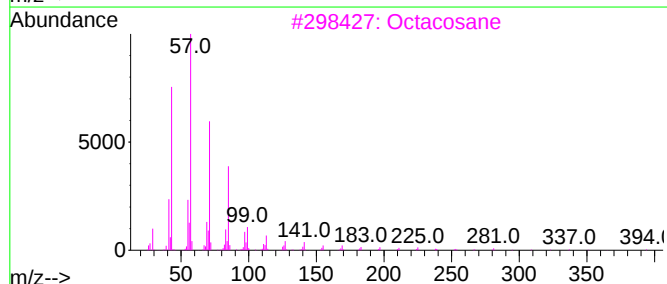
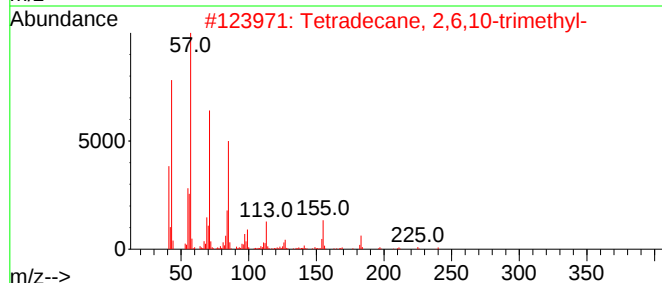
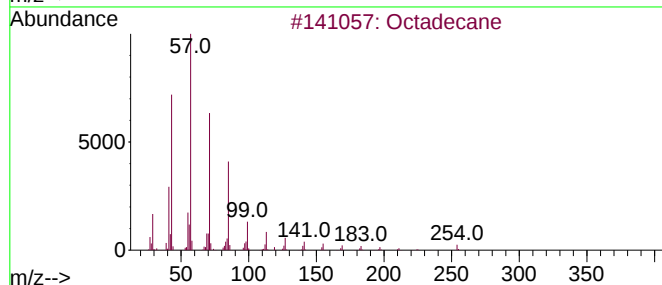
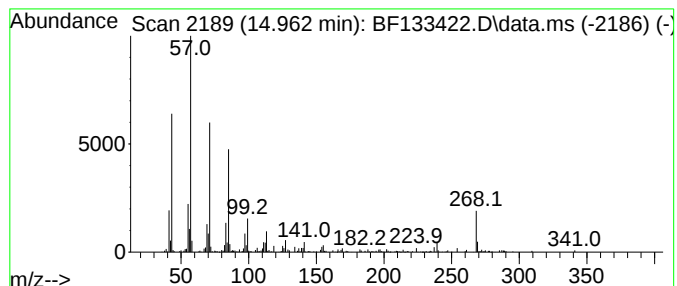
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.963	3.03 ng	203130	Perylene-d12	15.292

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
3		Octacosane	394	C28H58	000630-02-4	64
4		Heptadecane	240	C17H36	000629-78-7	64
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133422.D
Acq On : 17 May 2023 19:51
Operator : CG\JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WG-0516-B4-0-10

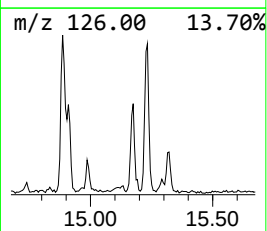
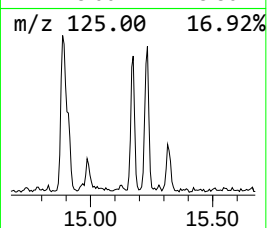
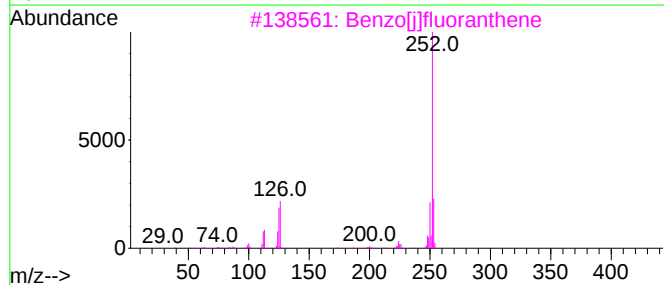
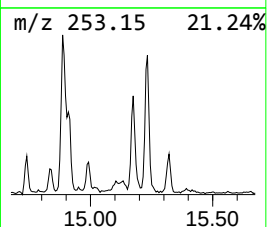
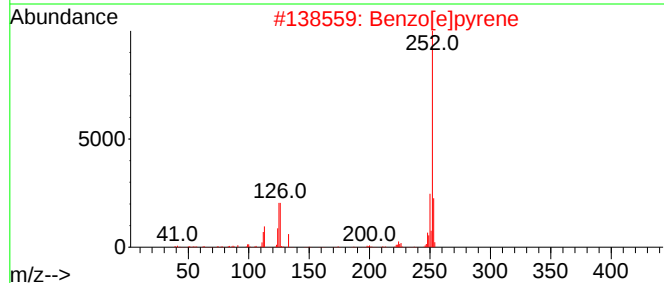
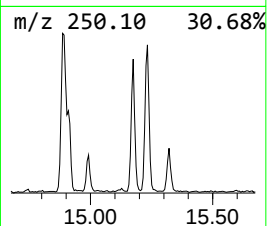
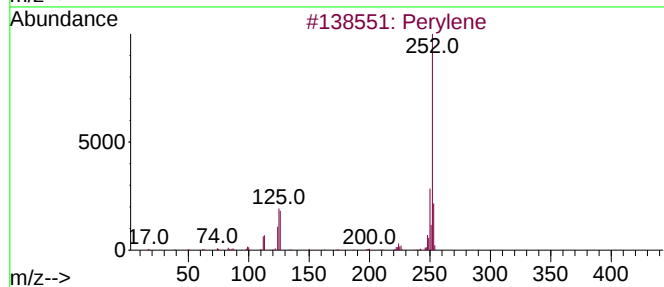
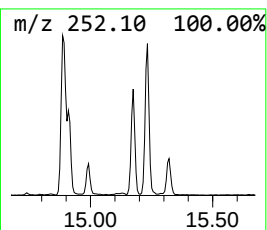
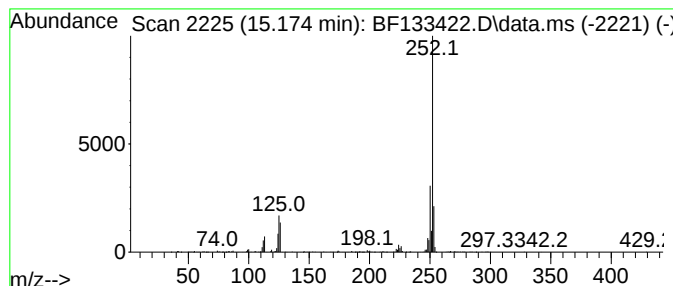
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	5.74 ng	385010	Perylene-d12	15.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	98
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
5			Benzo[a]pyrene	252	C20H12	000050-32-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133422.D
Acq On : 17 May 2023 19:51
Operator : CG\JU
Sample : 02812-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-0-10

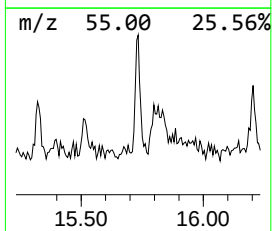
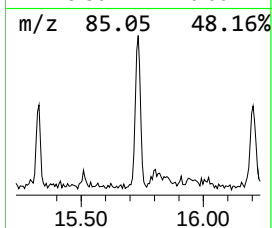
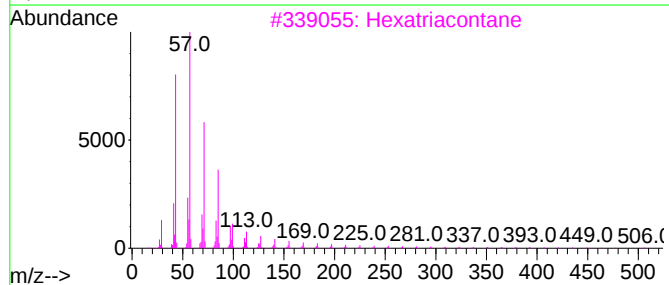
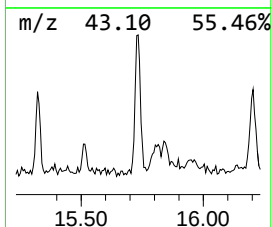
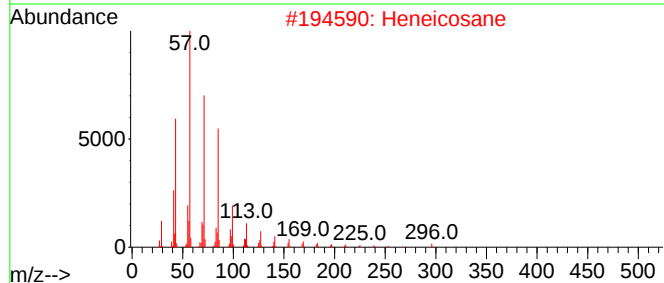
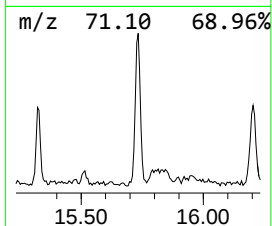
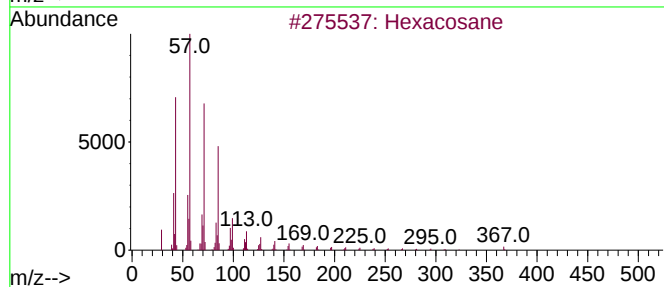
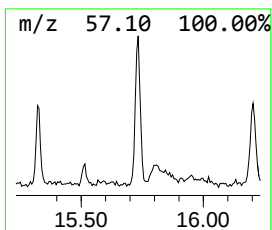
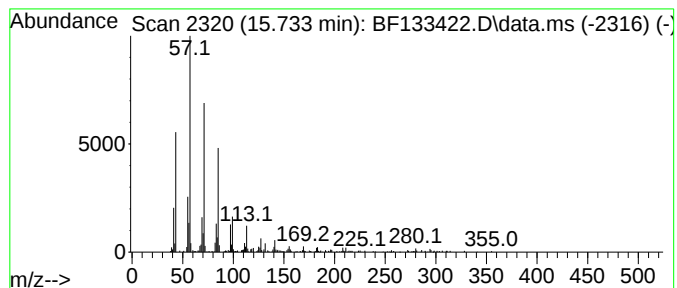
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	3.55 ng	238208	Perylene-d12	15.292

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexatriacontane	507	C36H74	000630-06-8	87
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Dodecane	170	C12H26	000112-40-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133422.D
Acq On : 17 May 2023 19:51
Operator : CG\JU
Sample : 02812-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

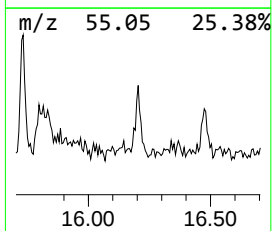
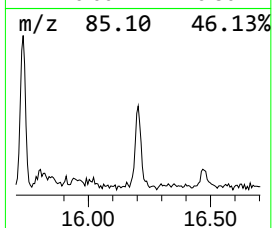
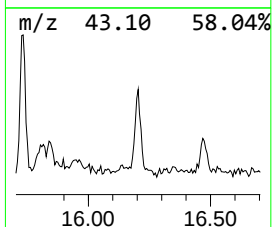
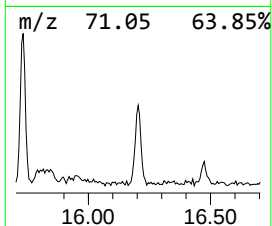
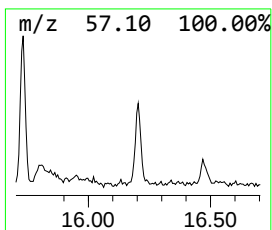
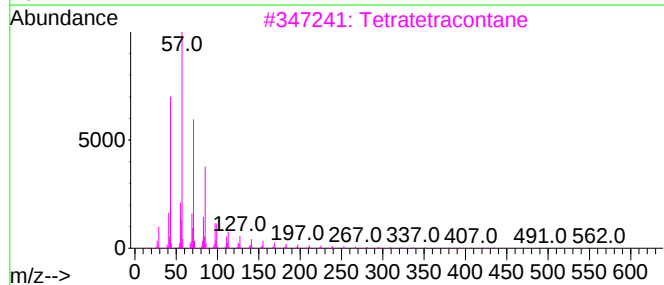
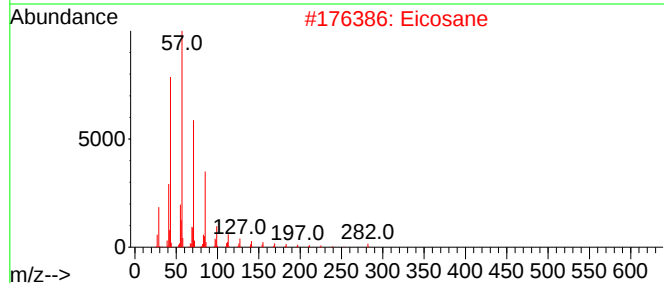
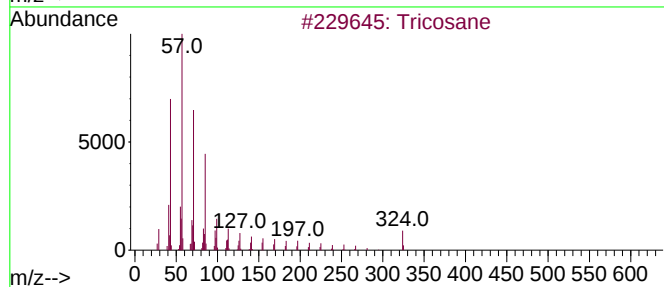
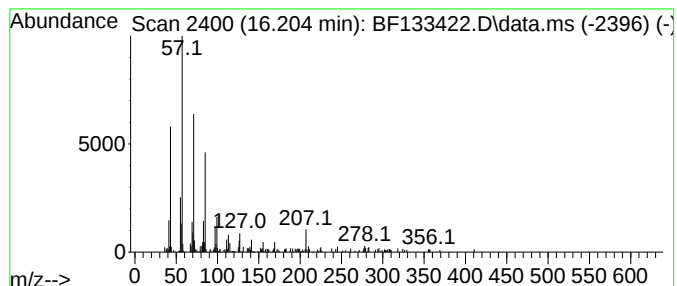
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ClientSampleId :
WG-0516-B4-0-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tricosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.204	2.11 ng	141901	Perylene-d12	15.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5	Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133422.D
Acq On : 17 May 2023 19:51
Operator : CG\JU
Sample : 02812-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-0-10

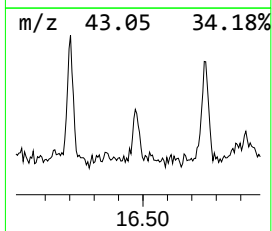
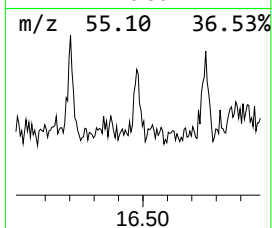
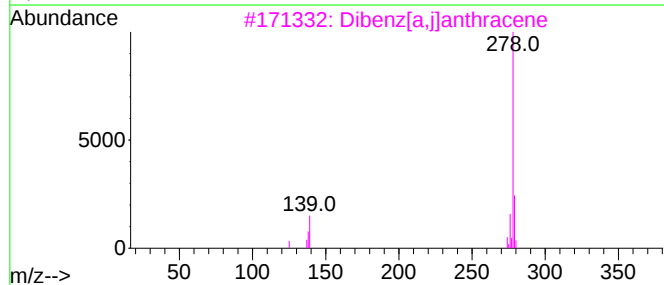
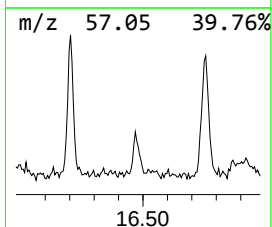
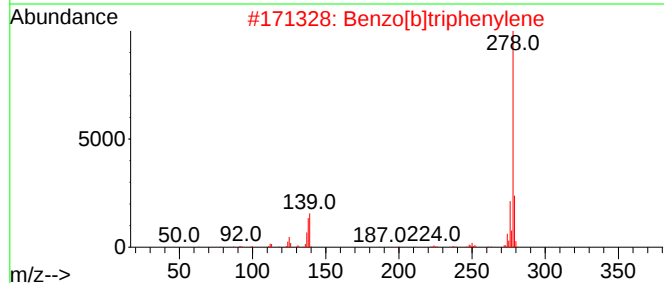
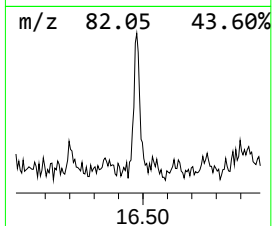
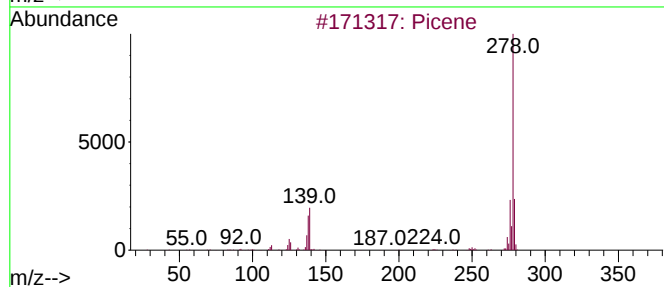
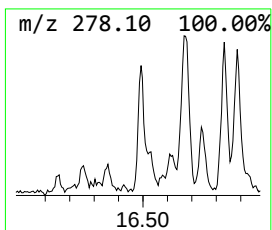
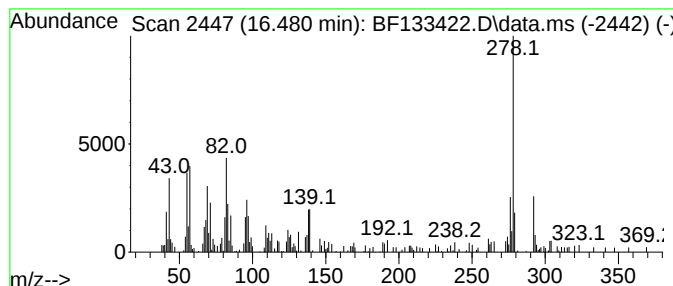
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Picene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.480	2.09 ng	140137	Perylene-d12	15.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	60
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	58
3			Dibenz[a,j]anthracene	278	C22H14	000224-41-9	49
4			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	43
5			Pentacene	278	C22H14	000135-48-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133422.D
Acq On : 17 May 2023 19:51
Operator : CG\JU
Sample : 02812-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WG-0516-B4-0-10

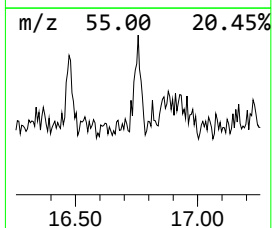
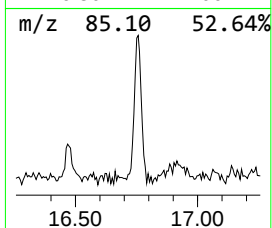
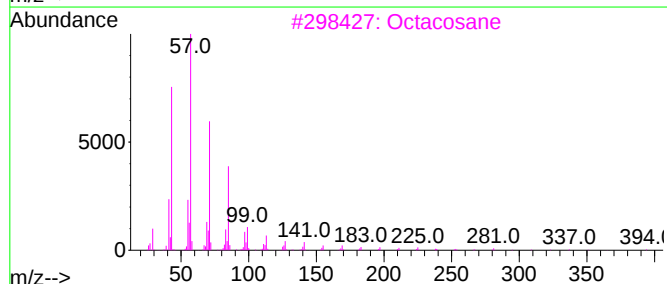
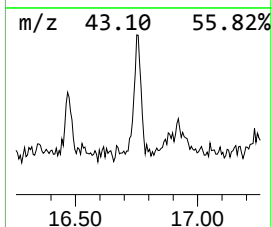
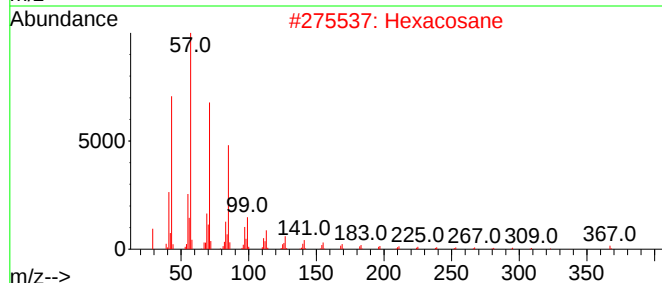
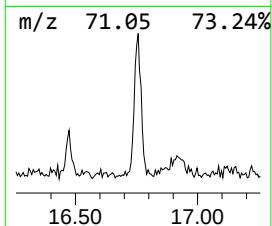
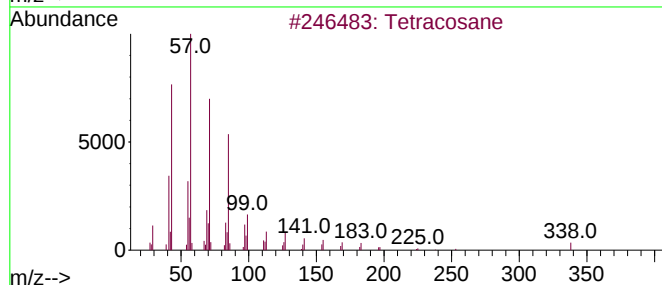
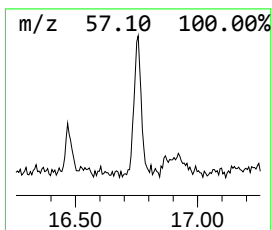
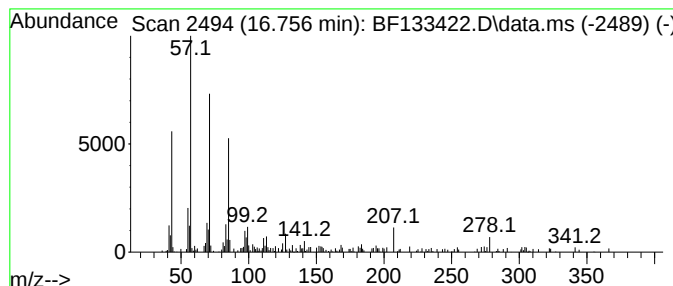
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.756	2.65 ng	177671	Perylene-d12	15.292

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	87
2		Hexacosane	366	C26H54	000630-01-3	87
3		Octacosane	394	C28H58	000630-02-4	83
4		Pentadecane	212	C15H32	000629-62-9	81
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133422.D
Acq On : 17 May 2023 19:51
Operator : CG\JU
Sample : 02812-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-0-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
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Phenanthrene, 1...	11.733	2.6	ng	262095	4	11.233	2021650	20.0
Phenanthrene, 2...	11.763	5.4	ng	545661	4	11.233	2021650	20.0
4H-Cyclopenta[d...	11.845	4.0	ng	400716	4	11.233	2021650	20.0
Fluoranthene, 2...	12.892	2.1	ng	190945	5	13.868	1835530	20.0
11H-Benzo[b]flu...	13.004	2.0	ng	185778	5	13.868	1835530	20.0
11H-Benzo[a]flu...	13.069	2.3	ng	206636	5	13.868	1835530	20.0
Pyrene, 1-methyl-	13.104	2.0	ng	183764	5	13.868	1835530	20.0
5-Octadecene, (E)-	13.727	5.3	ng	486681	5	13.868	1835530	20.0
Octadecane	14.963	3.0	ng	203130	6	15.292	1342610	20.0
Perylene	15.174	5.7	ng	385010	6	15.292	1342610	20.0
Hexacosane	15.733	3.5	ng	238208	6	15.292	1342610	20.0
Tricosane	16.204	2.1	ng	141901	6	15.292	1342610	20.0
Picene	16.480	2.1	ng	140137	6	15.292	1342610	20.0
Tetracosane	16.756	2.6	ng	177671	6	15.292	1342610	20.0