

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126360.D
 Acq On : 27 Dec 2021 17:32
 Operator : JU/CG
 Sample : M5218-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-C2

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-BF121521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126360.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.851	293	300	305	rVB	26236	35668	1.87%	0.175%
2	4.381	387	390	396	rVB	27770	31339	1.64%	0.154%
3	5.010	493	497	506	rVB	93956	113797	5.97%	0.559%
4	5.416	562	566	570	rBV	1813126	1822463	95.59%	8.945%
5	6.434	734	739	742	rBV	2045461	1906606	100.00%	9.358%
6	6.810	799	803	806	rBV	775781	639445	33.54%	3.138%
7	7.369	893	898	901	rBV	1407262	1203032	63.10%	5.905%
8	8.092	1017	1021	1024	rBV	931394	810897	42.53%	3.980%
9	8.804	1138	1142	1146	rVB	47083	38175	2.00%	0.187%
10	8.904	1155	1159	1162	rVB	42967	34462	1.81%	0.169%
11	9.169	1200	1204	1207	rBV	2194977	1810991	94.99%	8.889%
12	9.251	1216	1218	1224	rVB2	37084	42195	2.21%	0.207%
13	9.433	1245	1249	1254	rBV2	25623	31627	1.66%	0.155%
14	9.504	1258	1261	1264	rVV	56539	55278	2.90%	0.271%
15	9.533	1264	1266	1269	rVB	32455	26588	1.39%	0.130%
16	9.622	1278	1281	1286	rVB	31861	33284	1.75%	0.163%
17	9.845	1313	1319	1322	rBV	947662	766896	40.22%	3.764%
18	9.875	1322	1324	1329	rVB	63190	60672	3.18%	0.298%
19	10.004	1342	1346	1350	rBV2	23892	24134	1.27%	0.118%
20	10.045	1350	1353	1357	rBV	32315	31888	1.67%	0.157%
21	10.257	1385	1389	1398	rBV6	29866	52014	2.73%	0.255%
22	10.392	1409	1412	1418	rBV2	56320	55449	2.91%	0.272%
23	10.633	1449	1453	1457	rBV	809589	764947	40.12%	3.754%
24	10.757	1472	1474	1478	rBV3	21096	23737	1.24%	0.117%
25	10.939	1501	1505	1508	rBV4	20805	27882	1.46%	0.137%
26	10.969	1508	1510	1518	rVV5	20573	26551	1.39%	0.130%
27	11.133	1535	1538	1543	rVB	100428	81563	4.28%	0.400%
28	11.180	1543	1546	1549	rVV4	14809	22618	1.19%	0.111%
29	11.227	1551	1554	1559	rVB	114200	100843	5.29%	0.495%
30	11.327	1568	1571	1573	rBV	673941	611251	32.06%	3.000%
31	11.351	1573	1575	1579	rVV	637258	568742	29.83%	2.791%
32	11.404	1581	1584	1588	rVB	109398	93884	4.92%	0.461%
33	11.510	1596	1602	1606	rVB3	21485	34372	1.80%	0.169%
34	11.627	1618	1622	1625	rBV2	39738	36345	1.91%	0.178%
35	11.663	1625	1628	1631	rVV	103059	87518	4.59%	0.430%
36	11.733	1635	1640	1645	rVB3	50668	82889	4.35%	0.407%

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Integrator: RTE

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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-BF121521.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.786	1646	1649	1653	rBV2	29243	29175	1.53%	0.143%
38	11.833	1653	1657	1659	rVV2	151272	137240	7.20%	0.674%
39	11.857	1659	1661	1665	rVV	151469	151013	7.92%	0.741%
40	11.904	1665	1669	1672	rVV2	41420	60928	3.20%	0.299%
41	11.939	1672	1675	1678	rVV2	196050	224653	11.78%	1.103%
42	11.969	1678	1680	1684	rVB	139685	114387	6.00%	0.561%
43	12.127	1704	1707	1709	rBV	84614	73259	3.84%	0.360%
44	12.151	1709	1711	1718	rVB2	112570	106407	5.58%	0.522%
45	12.204	1718	1720	1723	rBV3	20350	24397	1.28%	0.120%
46	12.280	1731	1733	1735	rVB	29025	23930	1.26%	0.117%
47	12.310	1735	1738	1740	rBV2	37639	33425	1.75%	0.164%
48	12.333	1740	1742	1746	rVB2	26433	24431	1.28%	0.120%
49	12.380	1746	1750	1753	rBV2	81761	92491	4.85%	0.454%
50	12.416	1753	1756	1759	rVV3	44152	55368	2.90%	0.272%
51	12.463	1762	1764	1771	rBV2	88770	94532	4.96%	0.464%
52	12.545	1774	1778	1781	rVB	402338	371867	19.50%	1.825%
53	12.610	1787	1789	1793	rVB4	22620	24284	1.27%	0.119%
54	12.669	1796	1799	1801	rBV2	37465	35161	1.84%	0.173%
55	12.692	1801	1803	1806	rVB2	30034	26114	1.37%	0.128%
56	12.769	1811	1816	1820	rVV	649571	667606	35.02%	3.277%
57	12.827	1823	1826	1831	rVB4	15921	24452	1.28%	0.120%
58	12.916	1838	1841	1845	rVB	1381141	1192673	62.55%	5.854%
59	12.986	1849	1853	1857	rBV3	59937	85575	4.49%	0.420%
60	13.074	1865	1868	1871	rBV4	50864	79471	4.17%	0.390%
61	13.163	1876	1883	1886	rBV5	23712	38457	2.02%	0.189%
62	13.204	1886	1890	1893	rBV	100769	94905	4.98%	0.466%
63	13.298	1902	1906	1908	rBV	66221	59373	3.11%	0.291%
64	13.327	1908	1911	1914	rVB	76888	64048	3.36%	0.314%
65	13.463	1929	1934	1937	rBV2	41803	49687	2.61%	0.244%
66	13.604	1955	1958	1964	rVB	77295	86637	4.54%	0.425%
67	13.716	1973	1977	1980	rBV2	61289	86642	4.54%	0.425%
68	13.745	1980	1982	1984	rVV	65255	57915	3.04%	0.284%
69	13.768	1984	1986	1990	rVV2	42588	43735	2.29%	0.215%
70	13.810	1990	1993	1996	rVV2	74018	88942	4.66%	0.437%
71	13.839	1996	1998	2001	rVV	49442	54013	2.83%	0.265%
72	13.886	2001	2006	2012	rVV3	42983	96168	5.04%	0.472%
73	13.968	2015	2020	2022	rVV2	746310	854741	44.83%	4.195%
74	13.992	2022	2024	2030	rVV	268023	260571	13.67%	1.279%
75	14.068	2033	2037	2040	rBV3	37647	48815	2.56%	0.240%
76	14.145	2046	2050	2055	rVB3	38580	52283	2.74%	0.257%

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.321	2077	2080	2082	rBV	24223	22694	1.19%	0.111%
78	14.357	2082	2086	2089	rVV	90446	91139	4.78%	0.447%
79	14.392	2089	2092	2095	rVV	59045	54576	2.86%	0.268%
80	14.445	2095	2101	2104	rVV5	61692	88131	4.62%	0.433%
81	14.480	2104	2107	2109	rVV	43003	46842	2.46%	0.230%
82	14.504	2109	2111	2114	rVV2	28181	29448	1.54%	0.145%
83	14.551	2117	2119	2126	rVB2	22685	34083	1.79%	0.167%
84	14.751	2149	2153	2160	rVB2	43339	64712	3.39%	0.318%
85	14.827	2162	2166	2168	rBV3	45683	56344	2.96%	0.277%
86	14.910	2176	2180	2184	rBV7	18686	25208	1.32%	0.124%
87	14.998	2191	2195	2203	rBV2	144991	278310	14.60%	1.366%
88	15.086	2206	2210	2216	rVB3	48924	80158	4.20%	0.393%
89	15.292	2239	2245	2250	rVB2	96307	147348	7.73%	0.723%
90	15.351	2251	2255	2260	rVB	136899	156906	8.23%	0.770%
91	15.415	2261	2266	2270	rBV	548936	672759	35.29%	3.302%
92	15.457	2270	2273	2278	rVB4	59545	93870	4.92%	0.461%
93	15.762	2322	2325	2335	rVB6	44106	80024	4.20%	0.393%
94	15.886	2342	2346	2351	rBV2	51759	74176	3.89%	0.364%
95	16.351	2421	2425	2427	rBV4	16685	26713	1.40%	0.131%
96	16.839	2503	2508	2515	rVB2	37166	73835	3.87%	0.362%
97	16.962	2527	2529	2535	rVB3	17839	22605	1.19%	0.111%
98	17.057	2540	2545	2554	rVB7	34022	90325	4.74%	0.443%
99	17.262	2576	2580	2581	rBV	25097	31203	1.64%	0.153%
100	17.645	2641	2645	2654	rVB7	21357	53206	2.79%	0.261%

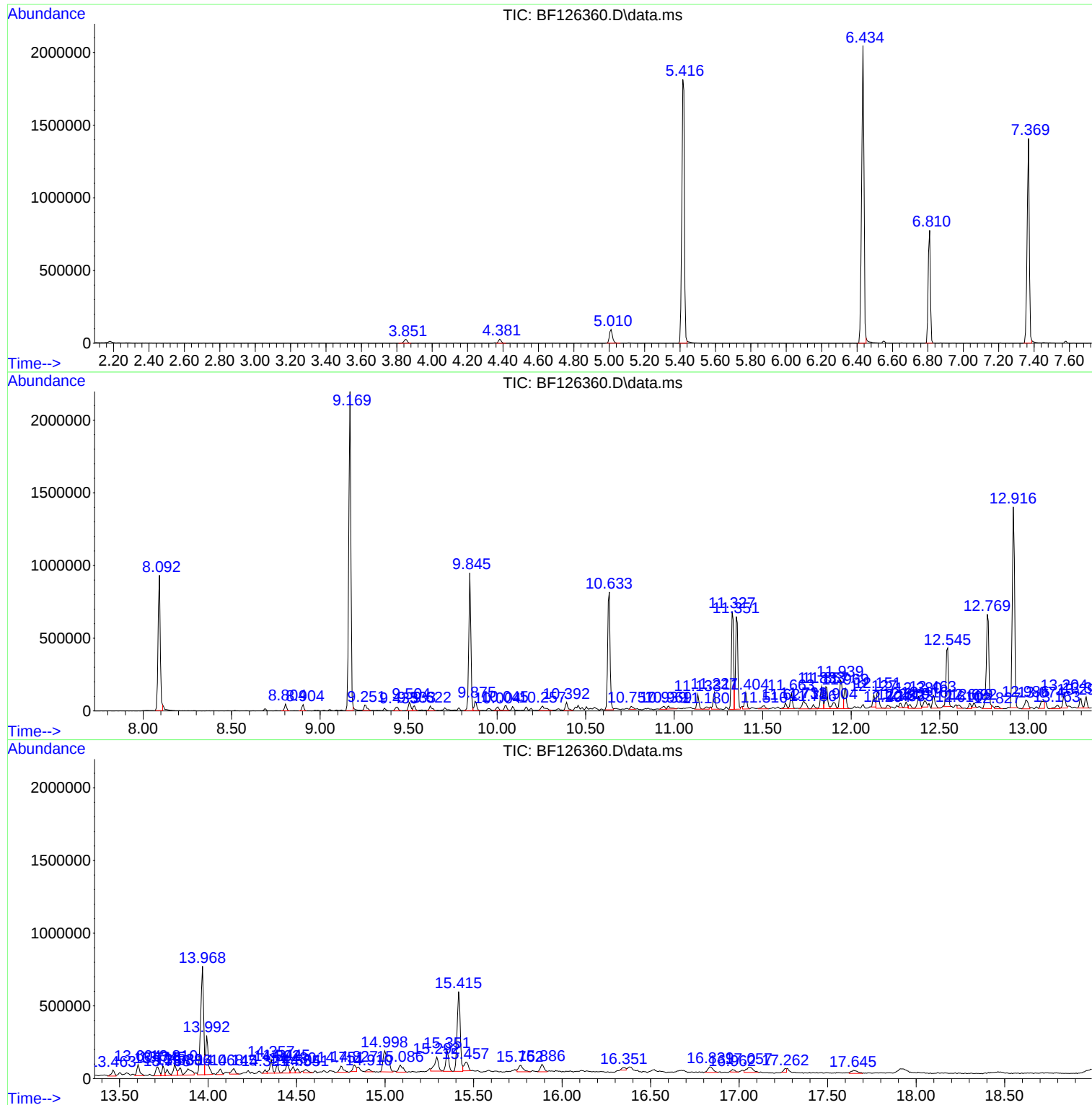
Sum of corrected areas: 20374428

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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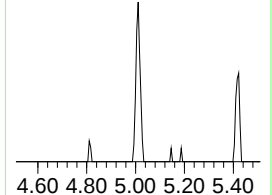
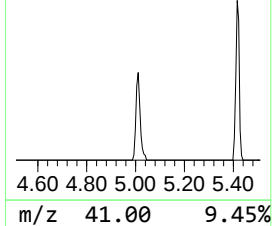
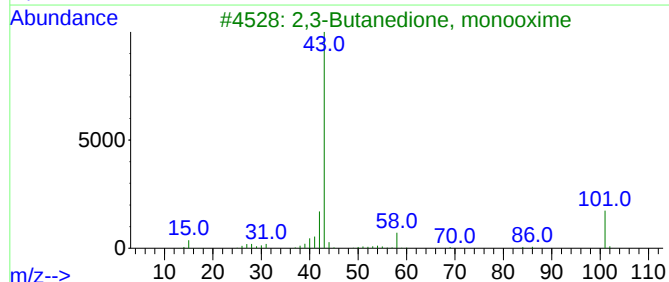
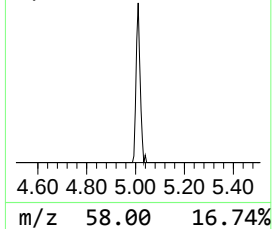
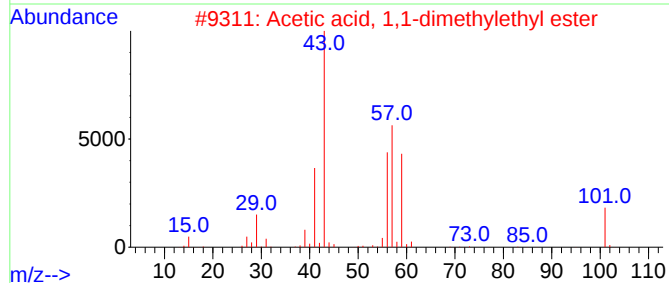
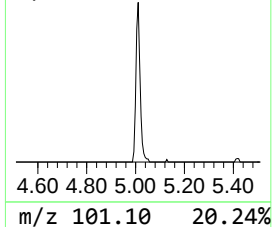
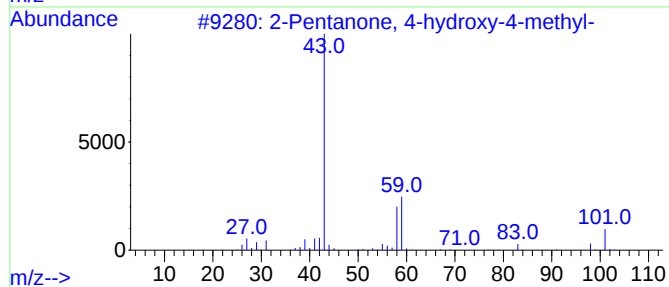
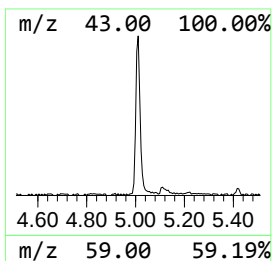
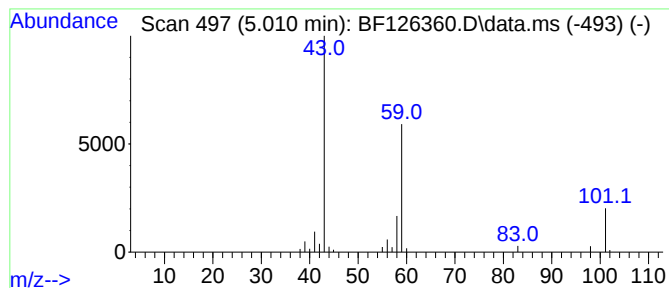
Instrument :
BNA_F
ClientSampleId :
SB-21-C2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.010	3.56 ng	113797	1,4-Dichlorobenzene-d4			6.810
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, 1,1-dimethylethyl e...		116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime		101	C4H7NO2	000057-71-6	12
4	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one		98	C6H10O	000109-49-9	10



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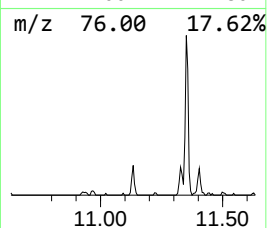
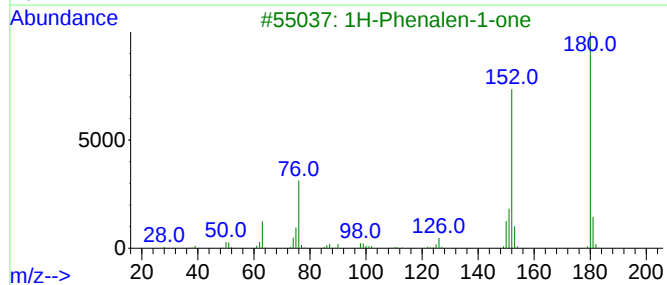
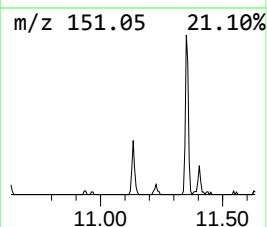
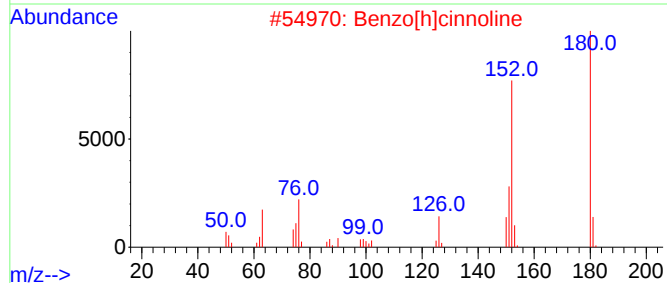
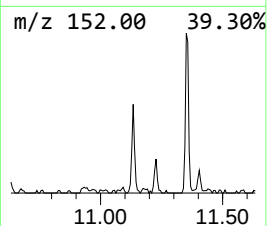
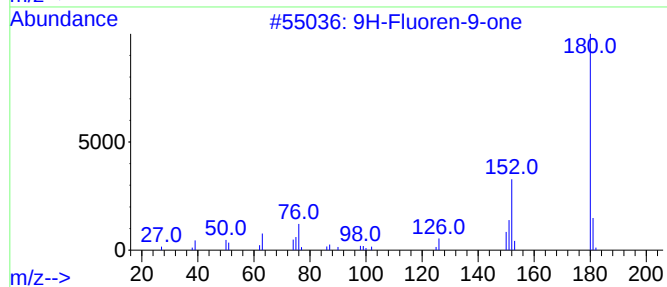
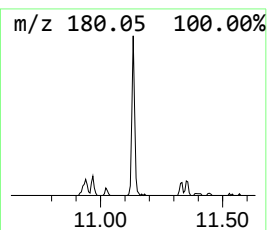
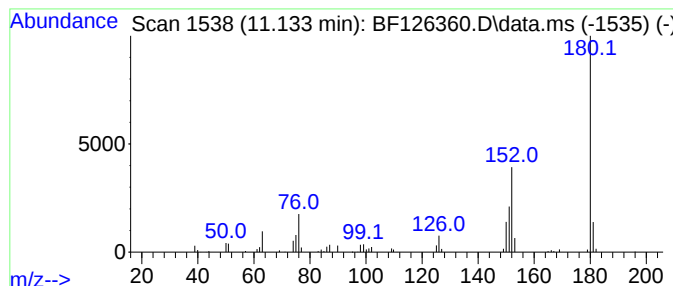
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.133	2.67 ng	81563	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	86
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
4			2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	64
5			1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	50



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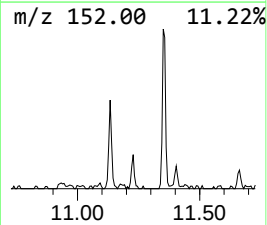
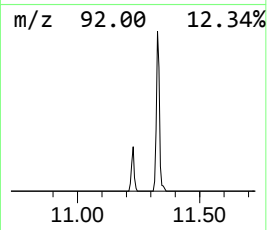
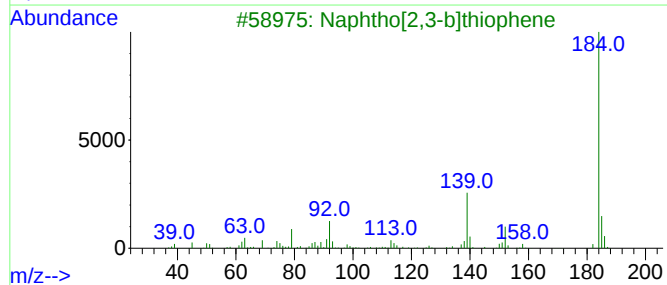
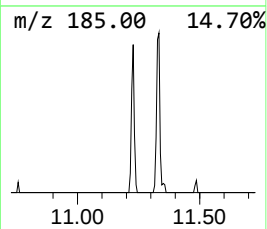
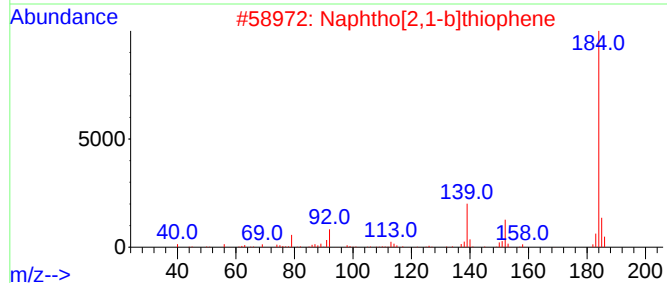
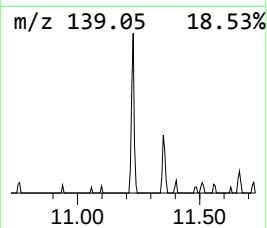
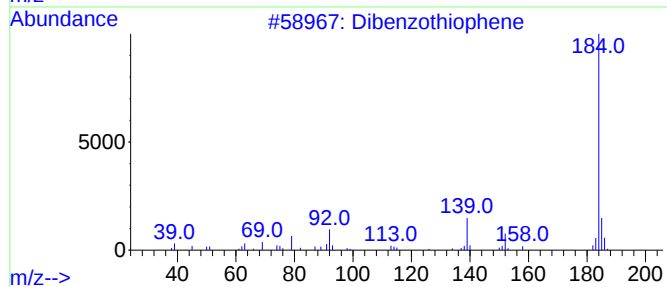
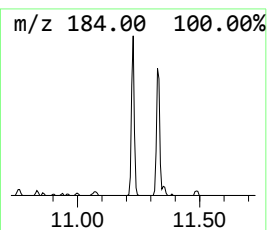
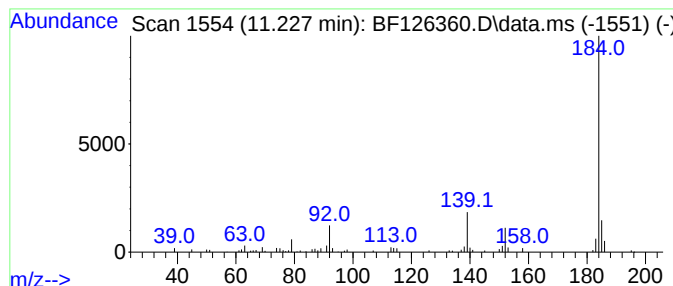
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	3.30 ng	100843	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
Operator : JU/CG
Sample : M5218-03
Misc :
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Instrument :
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ClientSampleId :
SB-21-C2

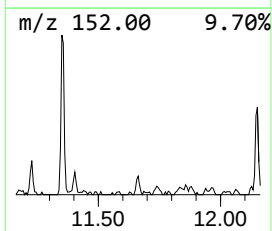
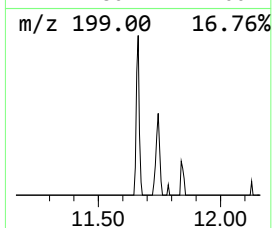
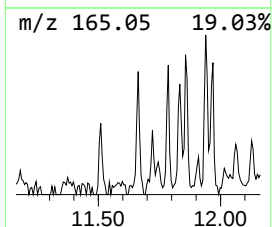
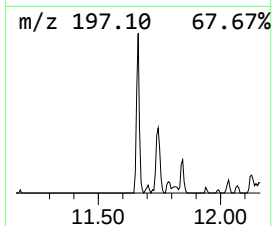
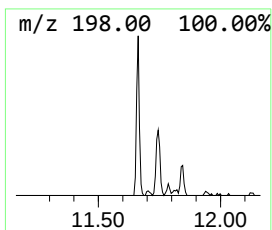
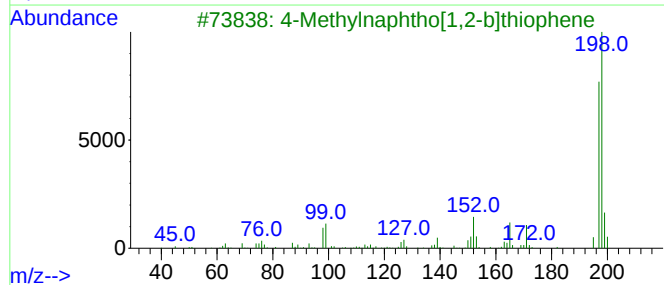
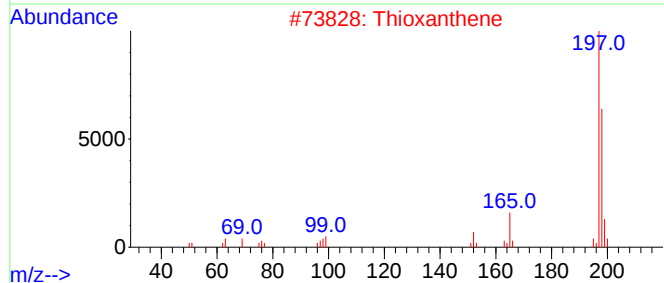
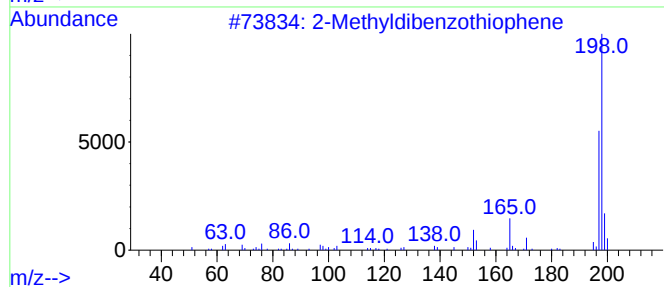
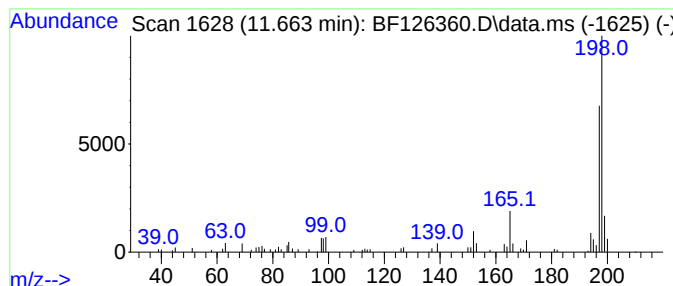
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Methyldibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.663	2.86 ng	87518	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	95
2			Thioxanthene	198	C13H10S	000261-31-4	95
3			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93
4			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
5			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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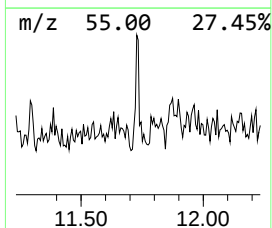
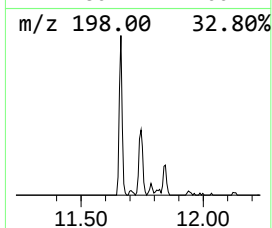
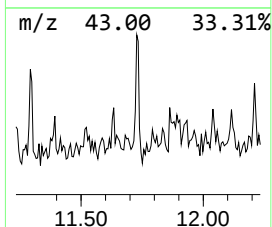
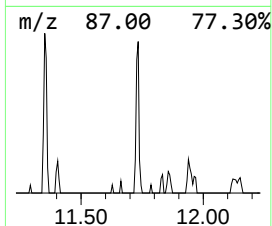
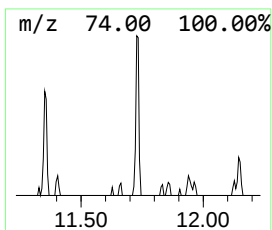
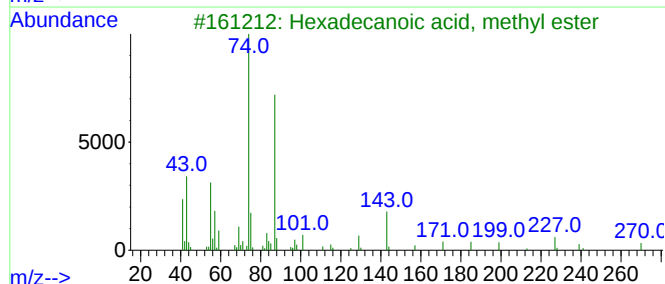
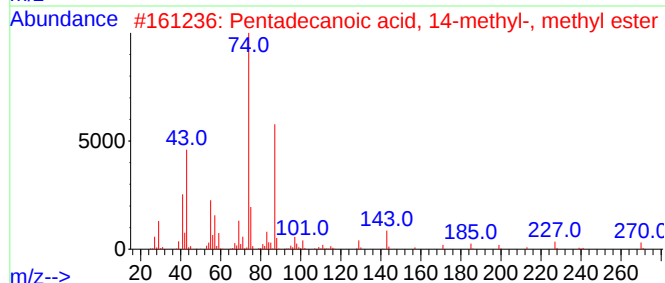
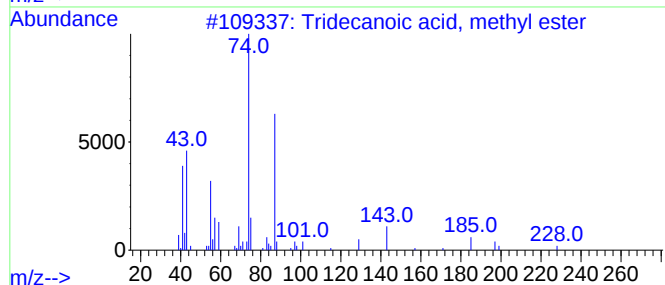
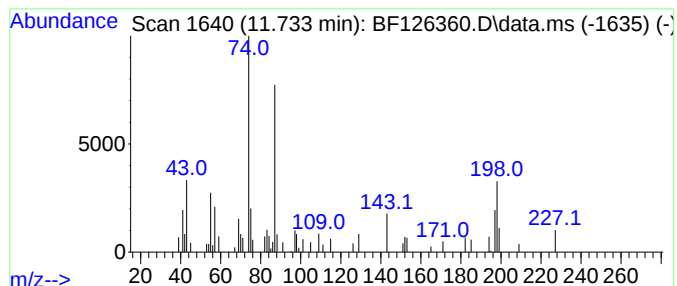
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecanoic acid, methyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	2.71 ng	82889	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	64
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	64
3			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	64
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	58
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
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Sample : M5218-03
Misc :
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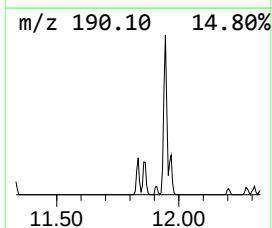
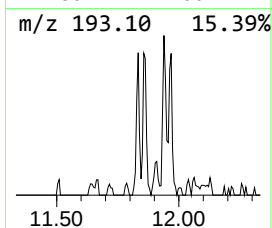
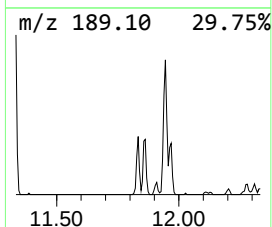
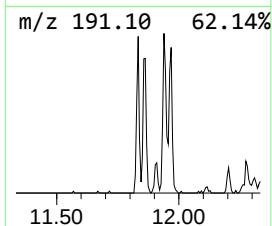
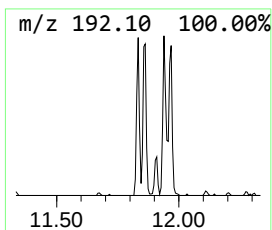
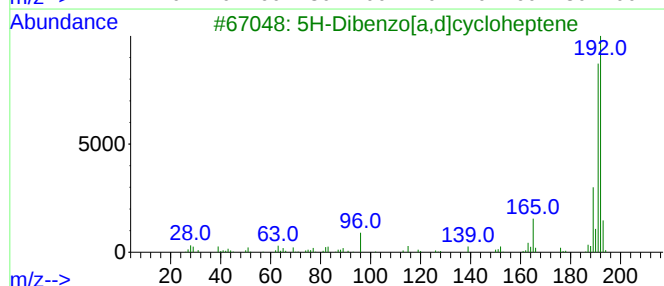
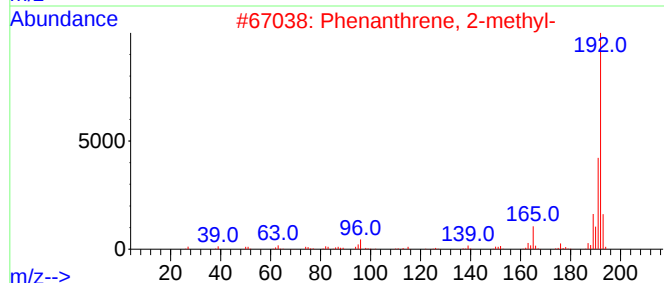
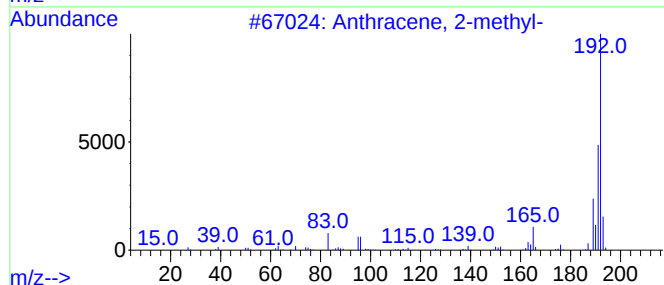
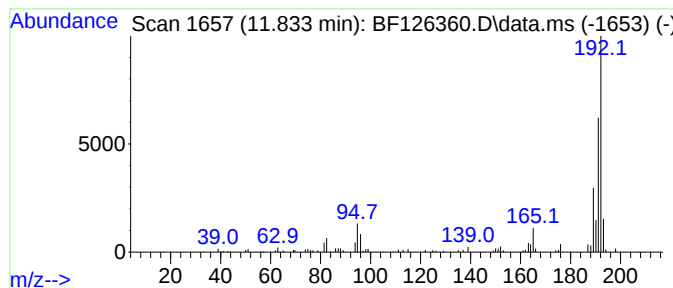
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	4.49 ng	137240	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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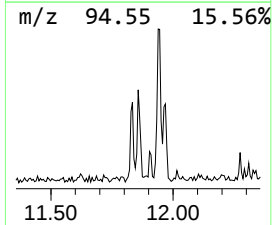
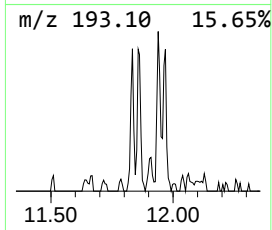
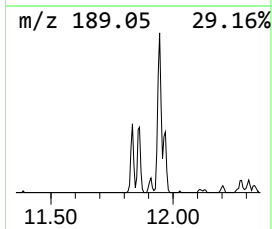
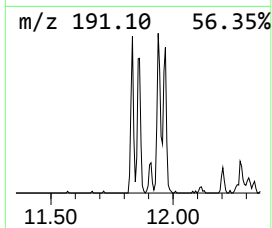
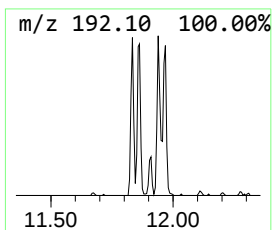
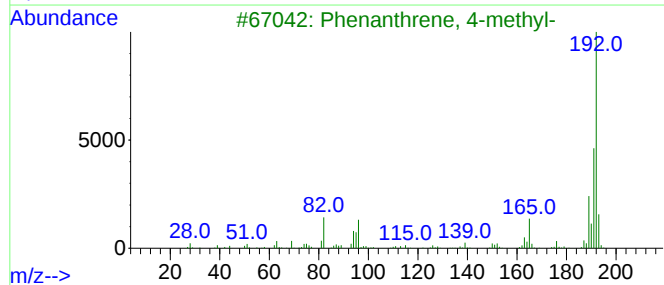
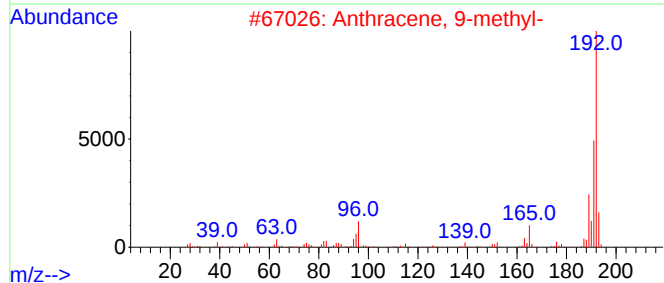
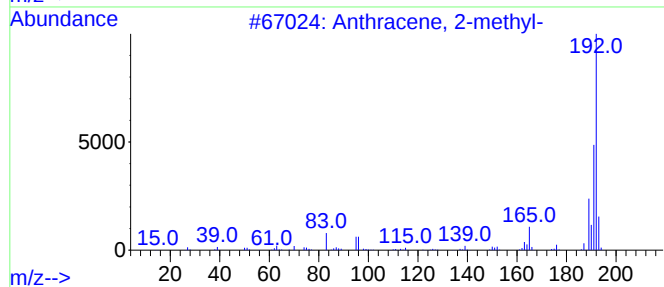
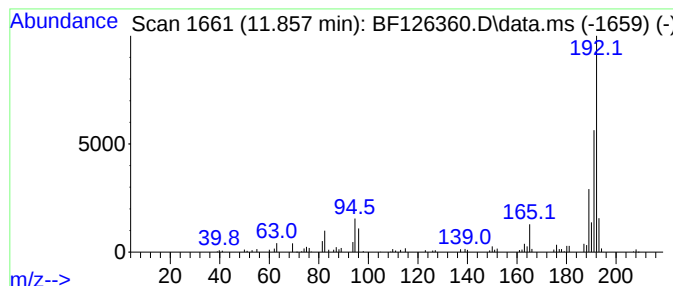
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	4.94 ng	151013	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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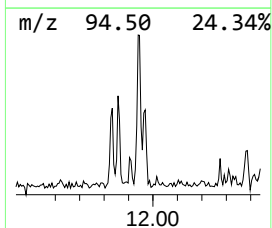
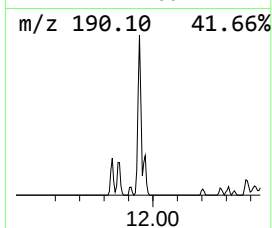
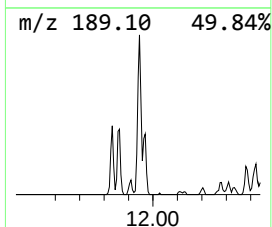
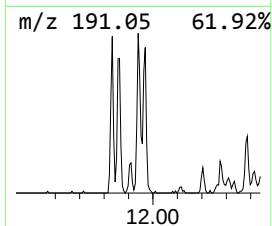
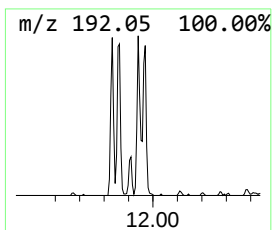
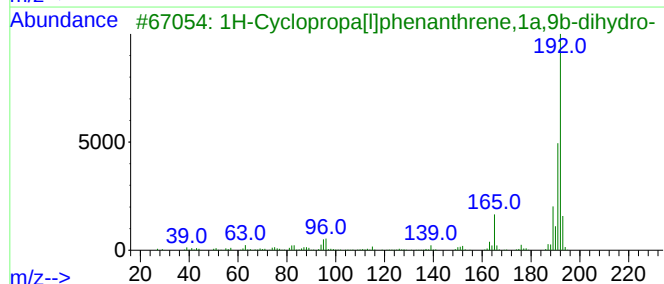
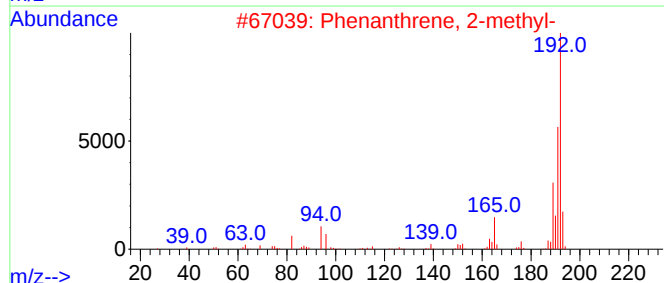
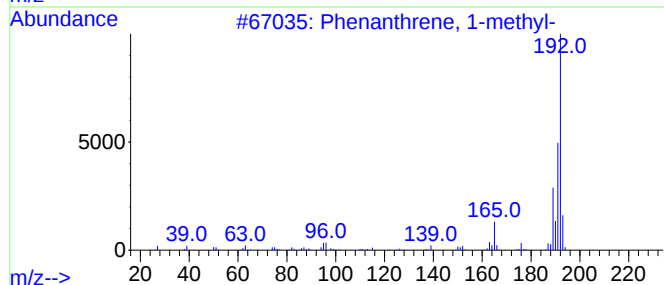
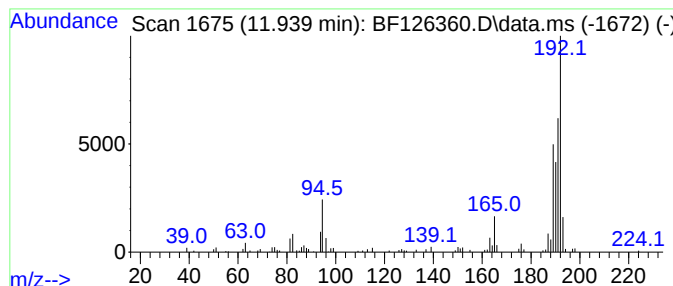
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	7.35 ng	224653	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
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ALS Vial : 7 Sample Multiplier: 1

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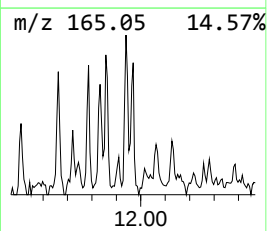
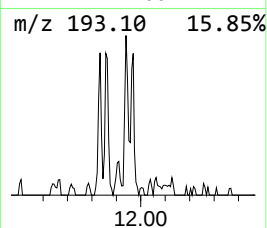
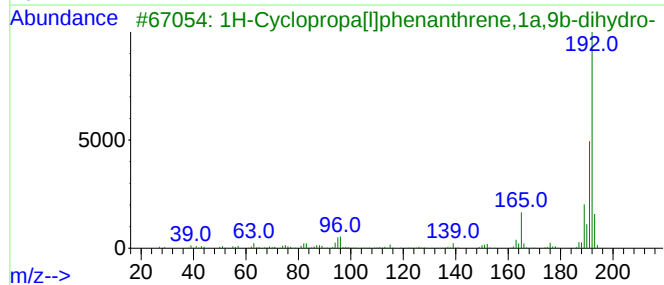
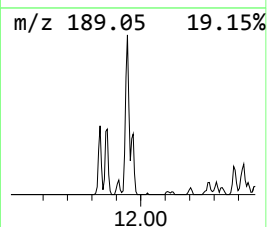
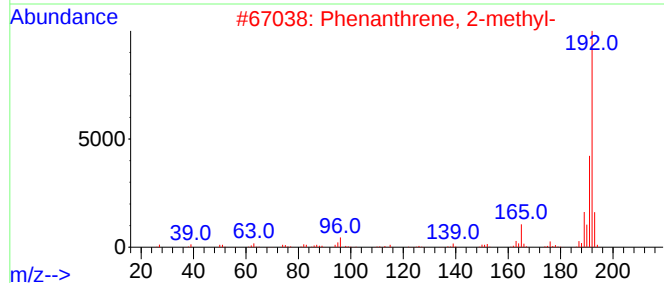
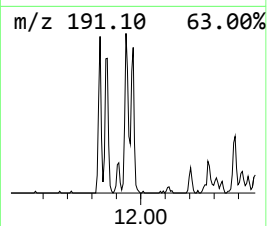
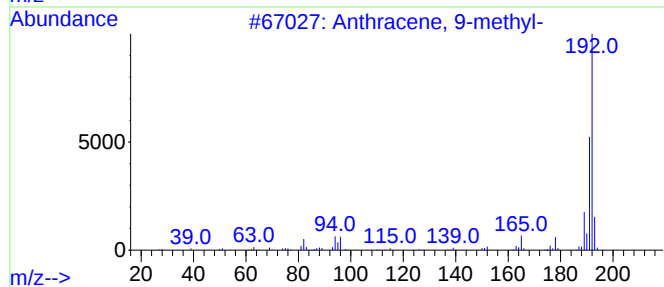
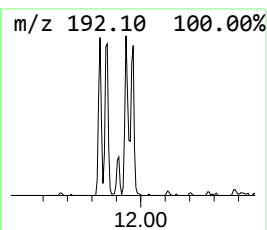
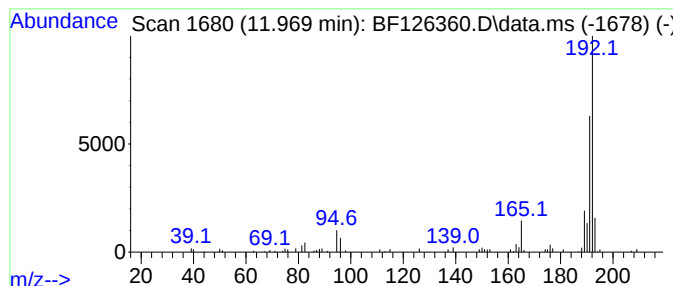
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	3.74 ng	114387	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
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ALS Vial : 7 Sample Multiplier: 1

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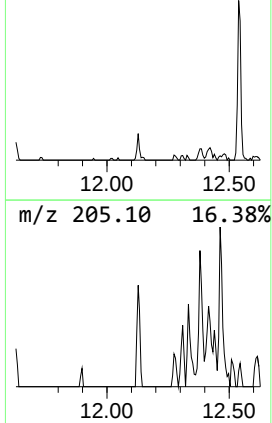
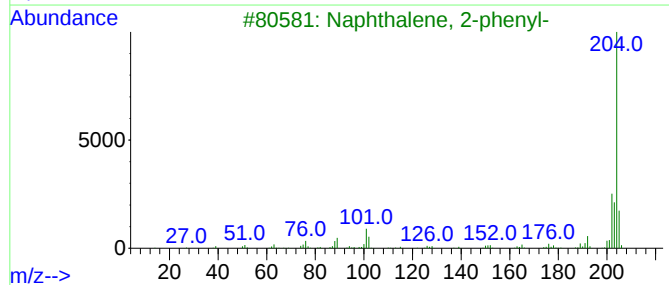
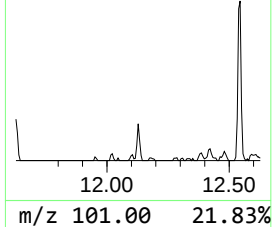
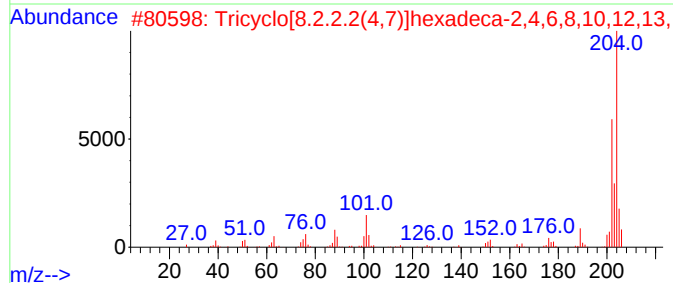
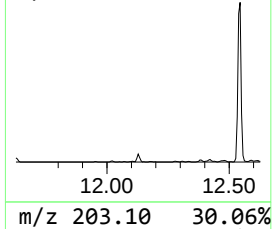
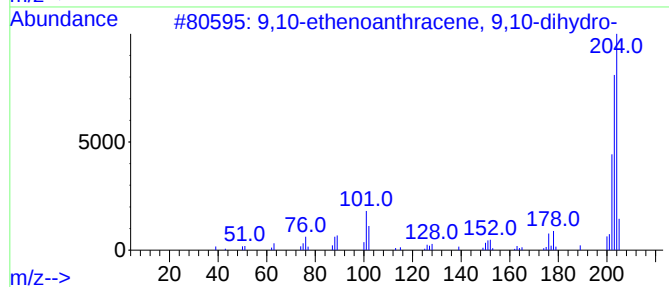
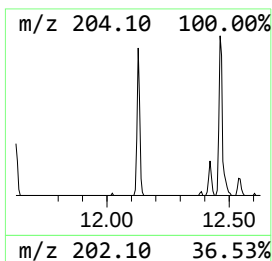
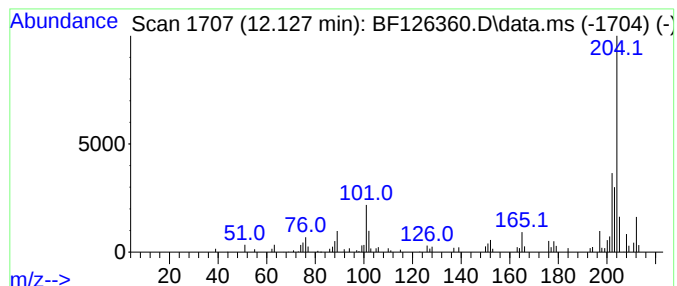
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-ethenoanthracene, 9,10... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	2.40 ng	73259	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	78
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53
5			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
Operator : JU/CG
Sample : M5218-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-21-C2

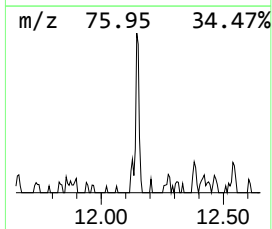
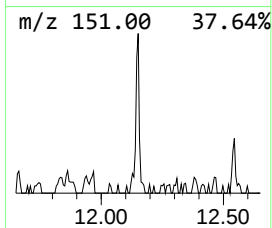
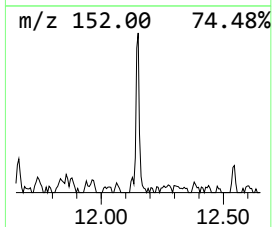
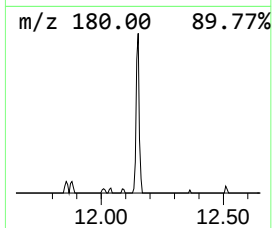
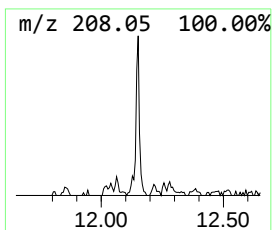
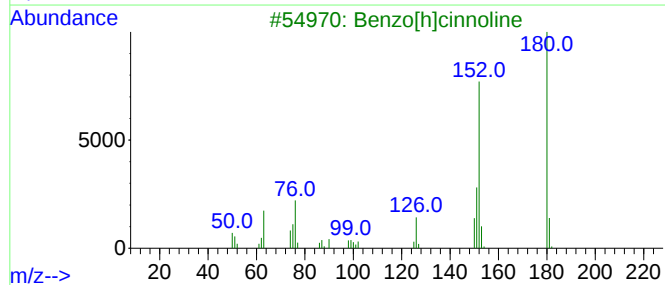
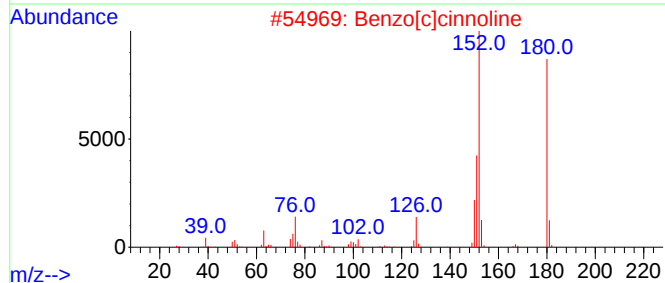
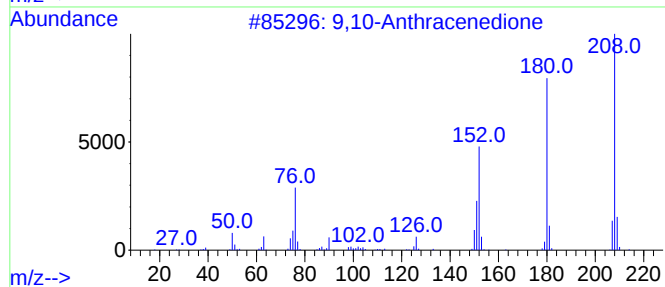
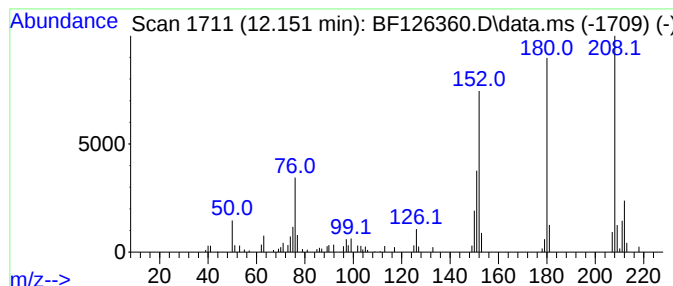
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	3.48 ng	106407	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
4			2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	53
5			1,4-Anthracenedione	208	C14H8O2	000635-12-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
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ALS Vial : 7 Sample Multiplier: 1

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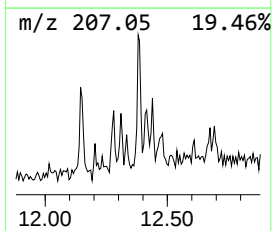
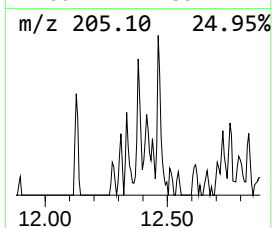
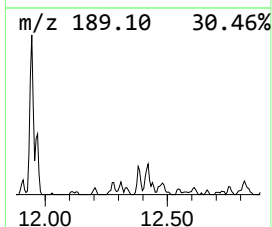
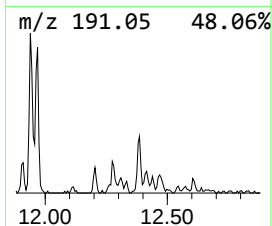
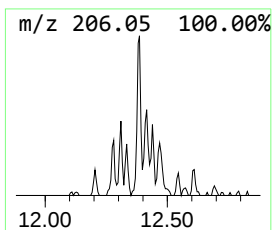
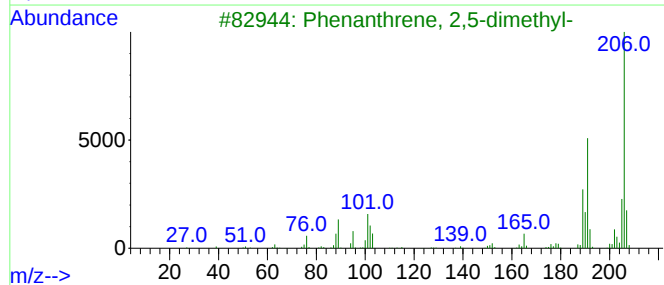
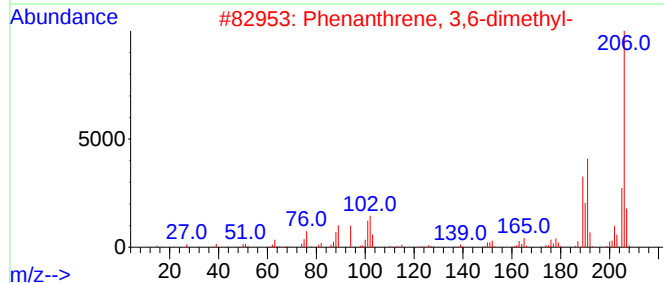
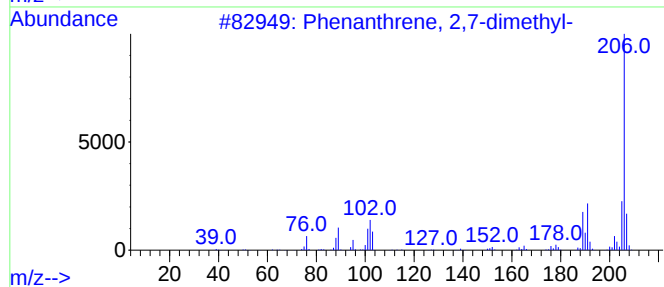
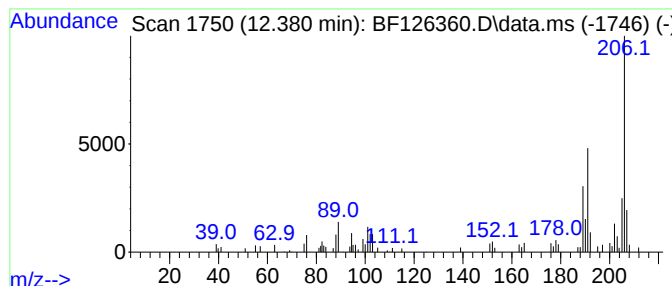
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	3.03 ng	92491	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
Operator : JU/CG
Sample : M5218-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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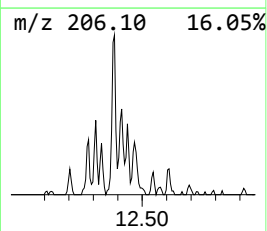
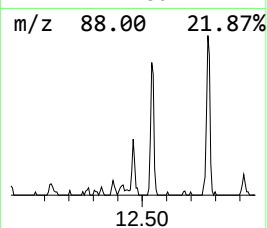
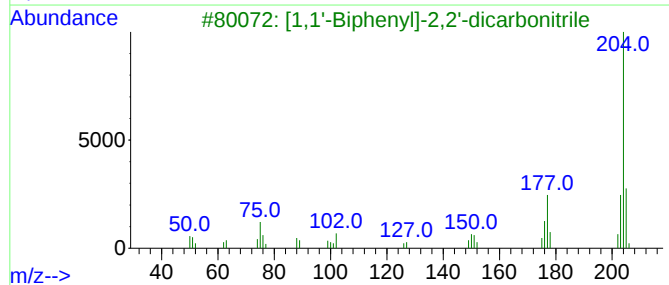
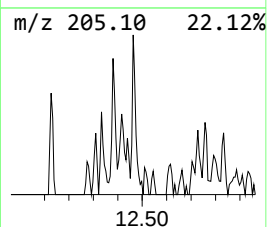
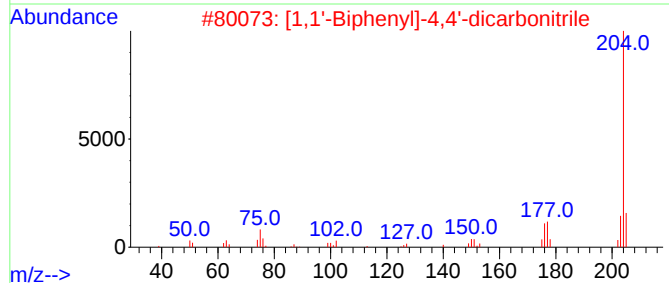
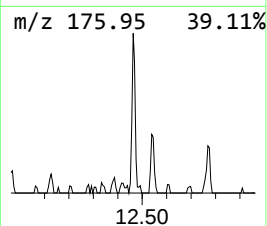
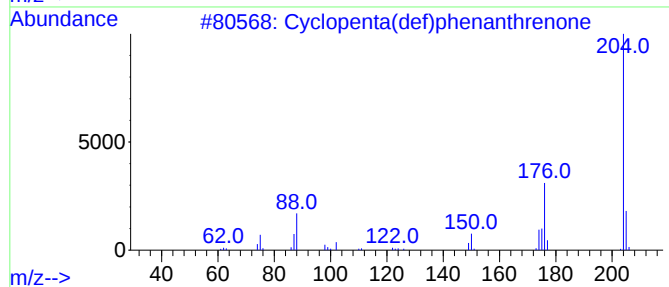
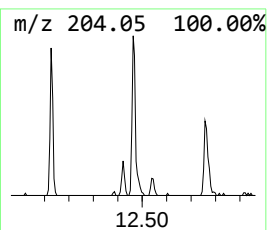
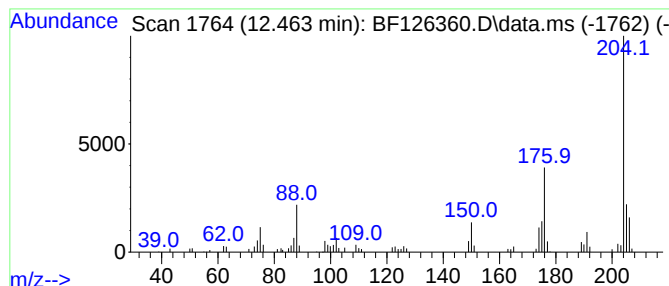
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	3.09 ng	94532	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	45
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
Operator : JU/CG
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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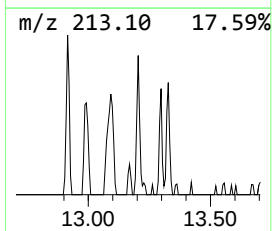
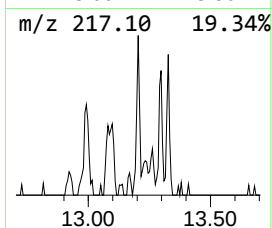
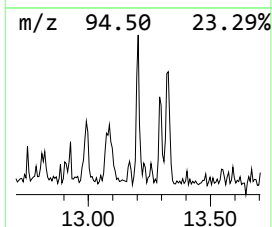
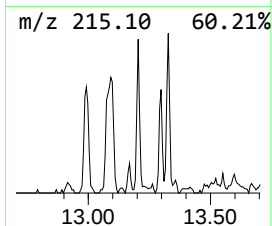
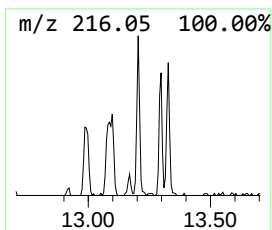
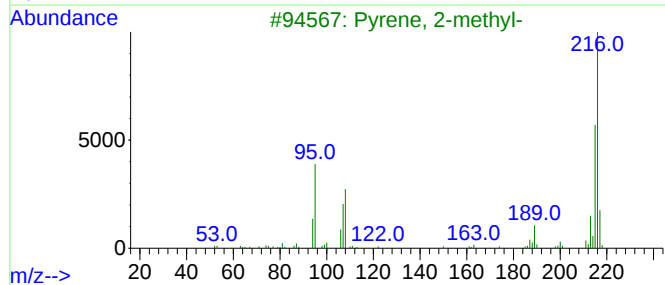
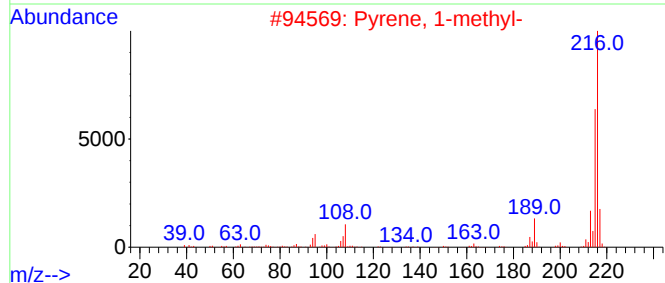
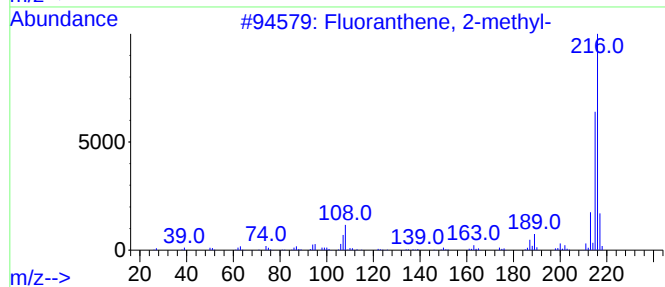
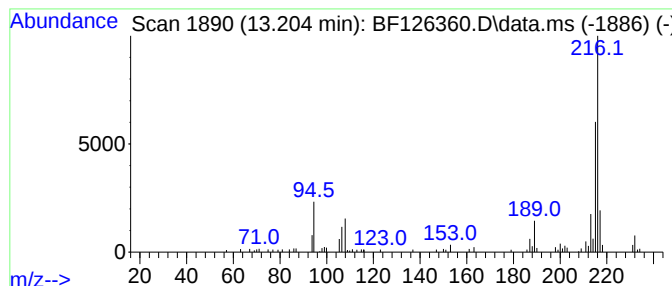
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	2.22 ng	94905	Chrysene-d12	13.969

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
Operator : JU/CG
Sample : M5218-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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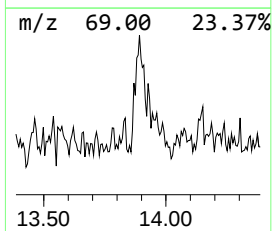
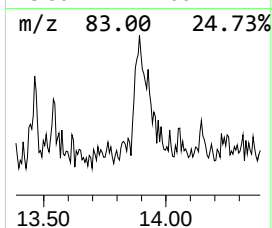
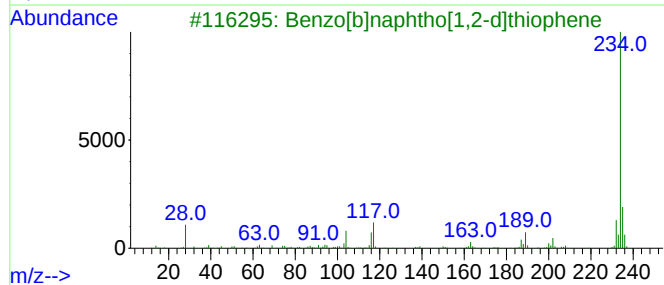
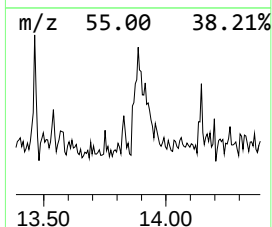
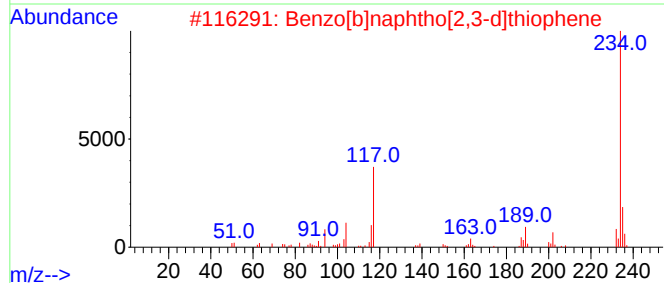
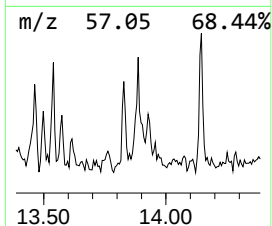
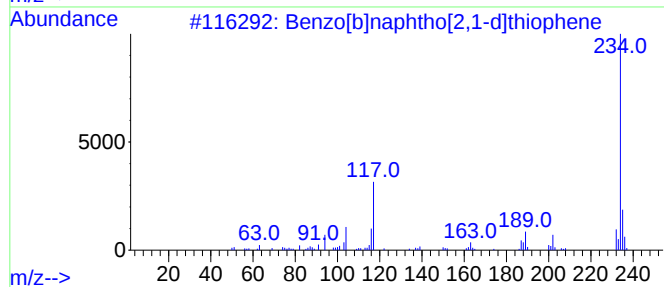
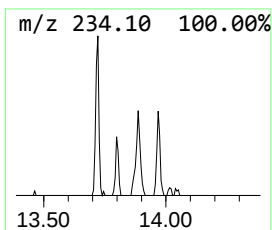
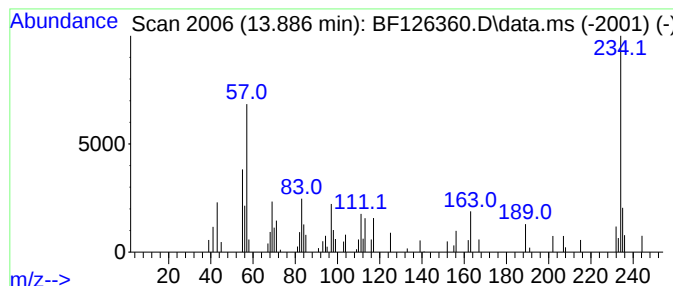
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	2.25 ng	96168	Chrysene-d12	13.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
3			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	70
4			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	62
5			Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
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Sample : M5218-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

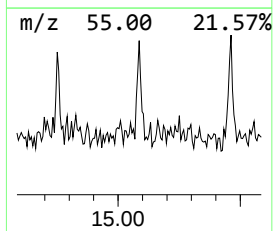
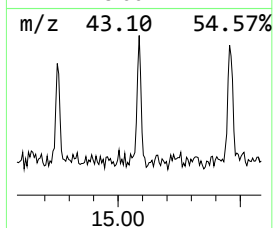
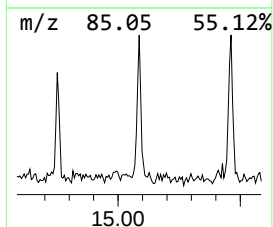
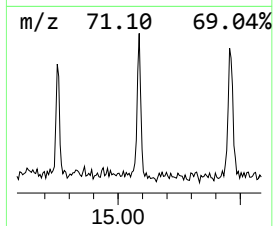
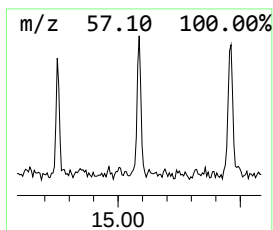
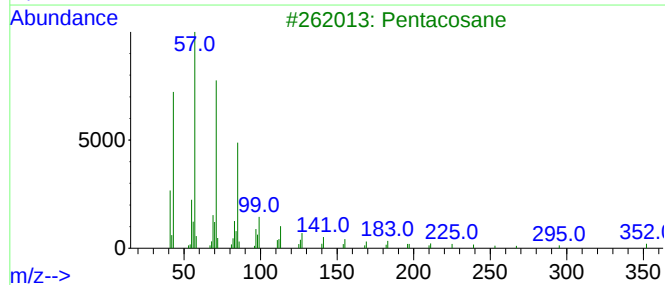
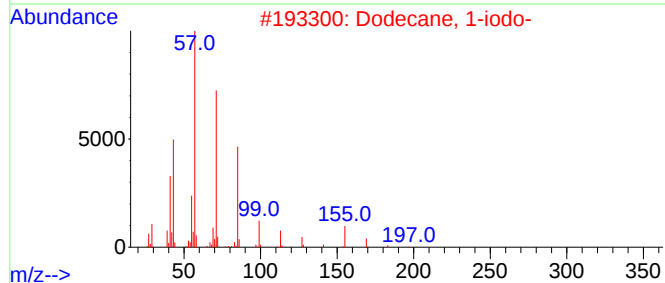
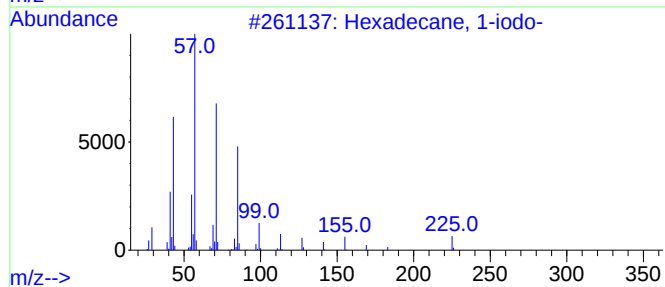
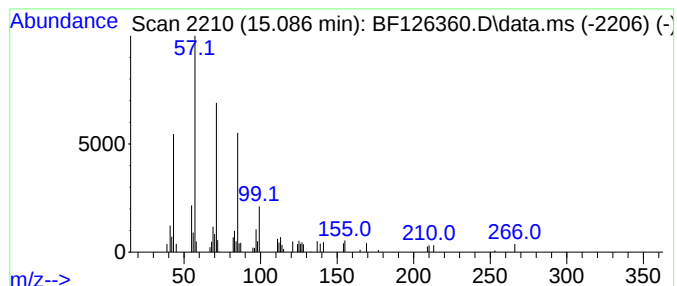
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.086	2.38 ng	80158	Perylene-d12		15.415	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	72
2	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	64
3	Pentacosane		352	C25H52	000629-99-2	53
4	Tetratetracontane		619	C44H90	007098-22-8	52
5	Sulfurous acid, 2-ethylhexyl iso...		278	C14H30O3S	1000309-19-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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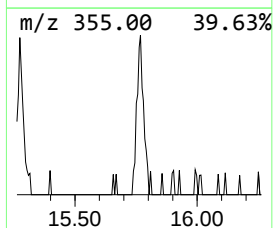
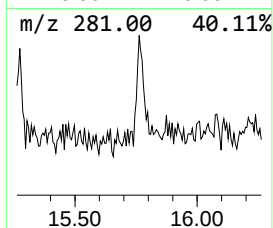
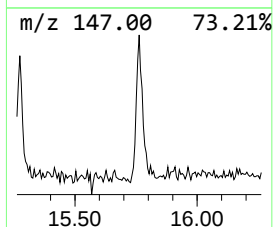
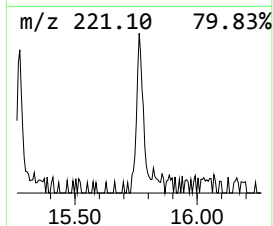
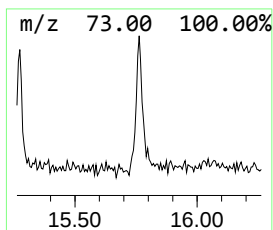
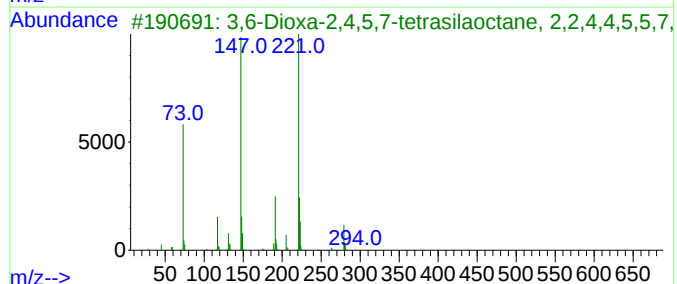
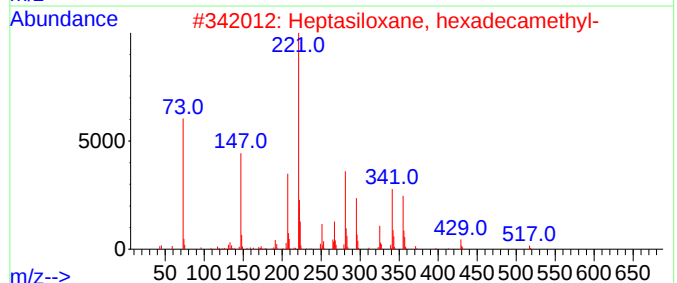
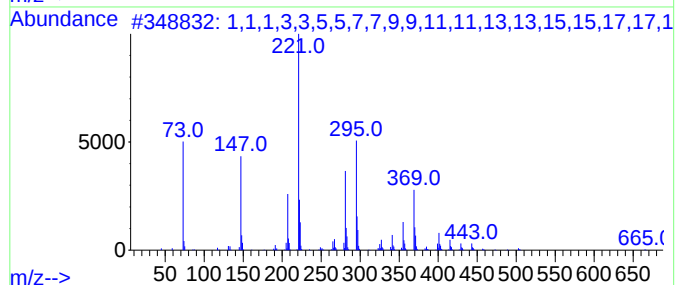
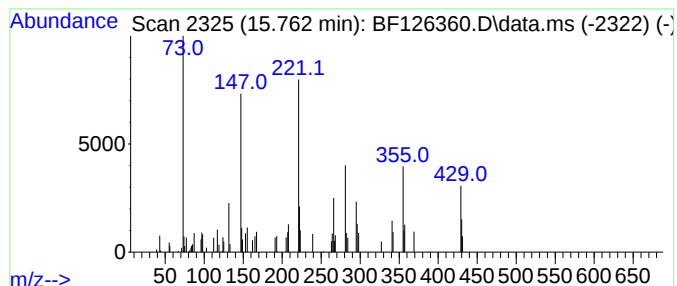
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown15.762 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.762	2.38 ng	80024	Perylene-d12	15.415

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H6008Si9	002652-13-3	40	
2	Heptasiloxane, hexadecamethyl-	532	C16H4806Si7	000541-01-5	38	
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H3002Si4	004342-25-0	37	
4	Mercaptoacetic acid, 2TMS deriva...	236	C8H2002SSi2	006398-62-5	32	
5	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	22	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
Operator : JU/CG
Sample : M5218-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

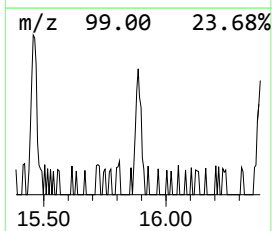
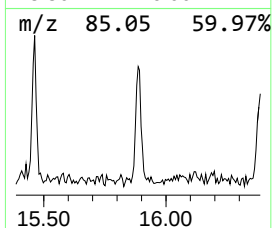
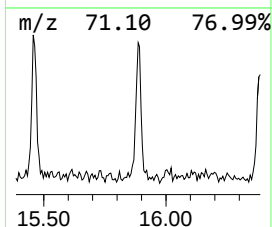
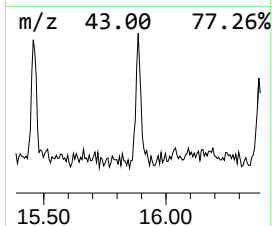
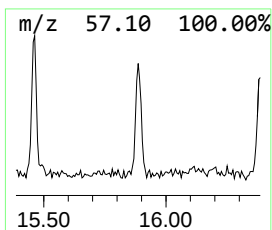
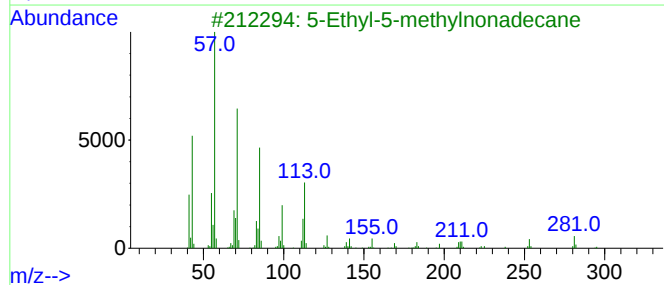
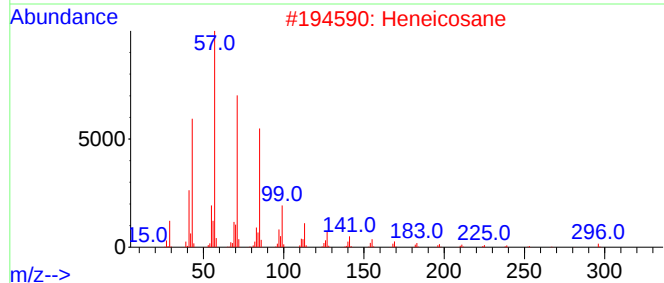
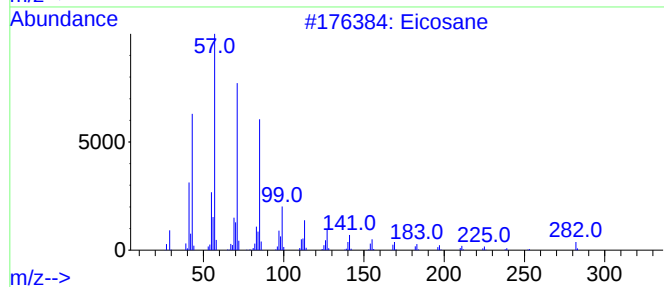
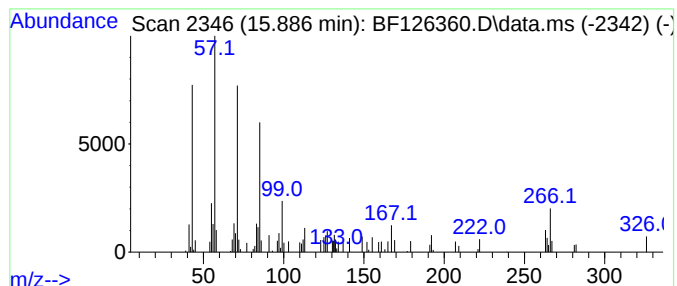
Instrument :
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ClientSampleId :
SB-21-C2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.886	2.21 ng	74176	Perylene-d12		15.415	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	94
2	Heneicosane		296	C21H44	000629-94-7	70
3	5-Ethyl-5-methylnonadecane		310	C22H46	1000360-42-7	64
4	4-Methylheneicosane		310	C22H46	025117-29-7	64
5	Heptadecane		240	C17H36	000629-78-7	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
Data File : BF126360.D
Acq On : 27 Dec 2021 17:32
Operator : JU/CG
Sample : M5218-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-21-C2

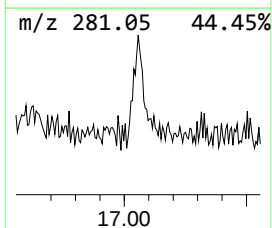
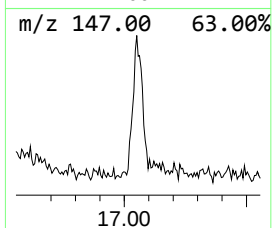
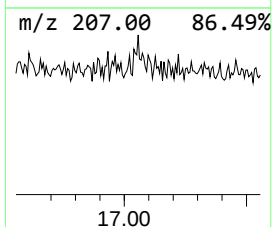
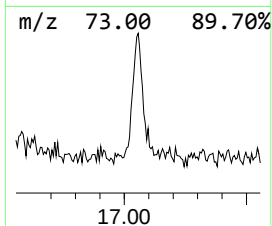
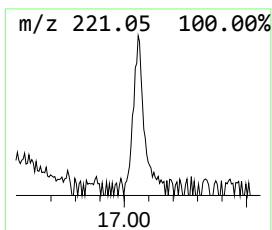
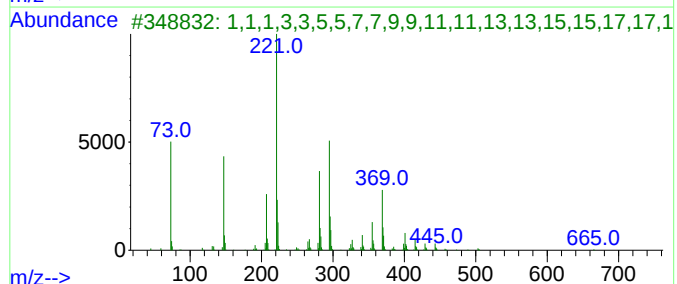
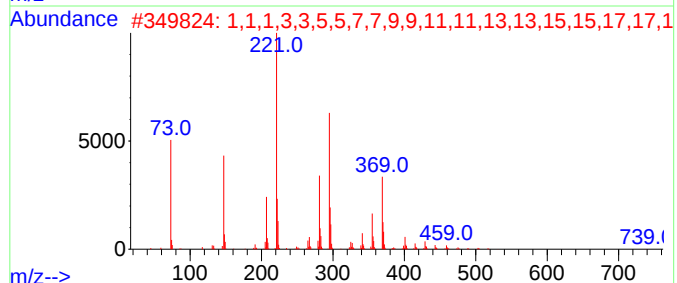
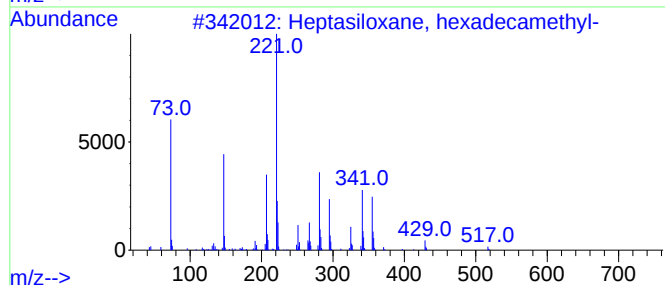
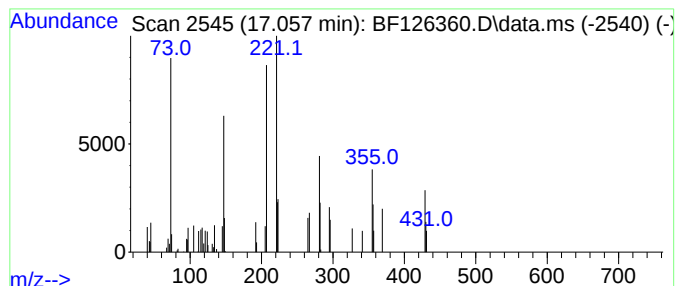
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.057 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.057	2.69 ng	90325	Perylene-d12	15.415

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	37
2		1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	754	C22H66O9Si10	000556-70-7	25
3		1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H60O8Si9	002652-13-3	25
4		1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	606	C18H54O7Si8	000556-69-4	16
5		2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122721\
 Data File : BF126360.D
 Acq On : 27 Dec 2021 17:32
 Operator : JU/CG
 Sample : M5218-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-C2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.010	3.6	ng	113797	1	6.810	639445	20.0
9H-Fluoren-9-one	11.133	2.7	ng	81563	4	11.328	611251	20.0
Dibenzothiophene	11.227	3.3	ng	100843	4	11.328	611251	20.0
2-Methyldibenzo...	11.663	2.9	ng	87518	4	11.328	611251	20.0
Tridecanoic aci...	11.733	2.7	ng	82889	4	11.328	611251	20.0
Anthracene, 2-m...	11.833	4.5	ng	137240	4	11.328	611251	20.0
Phenanthrene, 4...	11.857	4.9	ng	151013	4	11.328	611251	20.0
Phenanthrene, 1...	11.939	7.3	ng	224653	4	11.328	611251	20.0
Anthracene, 9-m...	11.969	3.7	ng	114387	4	11.328	611251	20.0
9,10-ethenoanth...	12.127	2.4	ng	73259	4	11.328	611251	20.0
9,10-Anthracene...	12.151	3.5	ng	106407	4	11.328	611251	20.0
Phenanthrene, 2...	12.380	3.0	ng	92491	4	11.328	611251	20.0
Cyclopenta(def)...	12.463	3.1	ng	94532	4	11.328	611251	20.0
Fluoranthene, 2...	13.204	2.2	ng	94905	5	13.969	854741	20.0
Benzo[b]naphtho...	13.886	2.3	ng	96168	5	13.969	854741	20.0
Hexadecane, 1-i...	15.086	2.4	ng	80158	6	15.415	672759	20.0
unknown15.762	15.762	2.4	ng	80024	6	15.415	672759	20.0
Eicosane	15.886	2.2	ng	74176	6	15.415	672759	20.0
unknown17.057	17.057	2.7	ng	90325	6	15.415	672759	20.0