

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129106.D
 Acq On : 01 Jul 2022 22:29
 Operator : CG\JU
 Sample : N3562-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10A

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-BF062922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129106.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.204	493	496	506	rVB	73950	90088	1.15%	0.121%
2	5.581	552	560	563	rBV	6361395	6237036	79.67%	8.351%
3	6.575	724	729	732	rBV	5917739	6196074	79.15%	8.297%
4	6.781	760	764	768	rBV2	89952	97410	1.24%	0.130%
5	6.957	790	794	797	rBV	2471086	2073401	26.49%	2.776%
6	7.516	884	889	892	rBV	4652914	4124533	52.69%	5.523%
7	8.139	992	995	998	rBV	83687	106776	1.36%	0.143%
8	8.239	1008	1012	1014	rBV	3316688	2729658	34.87%	3.655%
9	8.951	1130	1133	1136	rBV2	96494	83478	1.07%	0.112%
10	9.316	1190	1195	1198	rBV	8666171	7828237	100.00%	10.482%
11	9.580	1235	1240	1245	rBV3	77710	117932	1.51%	0.158%
12	9.651	1249	1252	1255	rBV	94127	93712	1.20%	0.125%
13	9.857	1281	1287	1290	rBV	249374	217855	2.78%	0.292%
14	9.998	1307	1311	1314	rBV	3562060	2852754	36.44%	3.820%
15	10.028	1314	1316	1319	rVB	135329	109553	1.40%	0.147%
16	10.198	1342	1345	1348	rVB2	103998	101886	1.30%	0.136%
17	10.416	1375	1382	1385	rVB3	90746	142956	1.83%	0.191%
18	10.545	1401	1404	1409	rVB2	149268	145068	1.85%	0.194%
19	10.786	1441	1445	1449	rBV	4715670	4209621	53.77%	5.637%
20	10.892	1460	1463	1472	rVB4	192921	299837	3.83%	0.401%
21	11.092	1492	1497	1500	rBV3	68072	103548	1.32%	0.139%
22	11.222	1515	1519	1521	rBV3	68301	89096	1.14%	0.119%
23	11.292	1528	1531	1535	rBV2	126781	120413	1.54%	0.161%
24	11.339	1535	1539	1542	rVV3	126772	151110	1.93%	0.202%
25	11.386	1545	1547	1551	rVB	126332	109988	1.41%	0.147%
26	11.492	1561	1565	1567	rBV	2853753	2749086	35.12%	3.681%
27	11.516	1567	1569	1572	rVV	1748700	1355003	17.31%	1.814%
28	11.563	1574	1577	1580	rVB	380494	296045	3.78%	0.396%
29	11.716	1600	1603	1606	rBV2	154735	148275	1.89%	0.199%
30	12.004	1647	1652	1653	rBV2	738072	892378	11.40%	1.195%
31	12.016	1653	1654	1658	rVV	542241	453884	5.80%	0.608%
32	12.069	1660	1663	1666	rVV	160131	155825	1.99%	0.209%
33	12.104	1666	1669	1671	rVV2	473930	520514	6.65%	0.697%
34	12.127	1671	1673	1676	rVB	288761	221713	2.83%	0.297%
35	12.174	1678	1681	1683	rBV2	104742	92425	1.18%	0.124%
36	12.286	1697	1700	1702	rBV	253321	189970	2.43%	0.254%

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Peak Location: TOP

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37	12.310	1702	1704	1708	rVB2	201048	170401	2.18%	0.228%
38	12.433	1723	1725	1728	rVB2	110723	87265	1.11%	0.117%
39	12.539	1740	1743	1746	rBV	283908	299074	3.82%	0.400%
40	12.580	1746	1750	1752	rVV2	148134	241883	3.09%	0.324%
41	12.627	1755	1758	1763	rVB2	228826	229181	2.93%	0.307%
42	12.710	1768	1772	1775	rBV	2517937	2371100	30.29%	3.175%
43	12.792	1783	1786	1790	rVB2	220051	279281	3.57%	0.374%
44	12.939	1808	1811	1814	rVB	2505034	1958500	25.02%	2.622%
45	12.986	1816	1819	1823	rVB2	186060	237871	3.04%	0.319%
46	13.080	1828	1835	1838	rBV	6541571	6324779	80.79%	8.469%
47	13.151	1843	1847	1851	rBV2	240615	382162	4.88%	0.512%
48	13.239	1859	1862	1864	rBV4	175663	218825	2.80%	0.293%
49	13.263	1864	1866	1870	rVB2	383324	344590	4.40%	0.461%
50	13.333	1875	1878	1880	rVV	242687	212889	2.72%	0.285%
51	13.368	1880	1884	1887	rVB2	333558	355683	4.54%	0.476%
52	13.463	1897	1900	1902	rBV	194580	143591	1.83%	0.192%
53	13.492	1902	1905	1908	rBV2	166718	164101	2.10%	0.220%
54	13.774	1950	1953	1957	rVB	235270	252739	3.23%	0.338%
55	13.886	1968	1972	1975	rBV3	218799	304055	3.88%	0.407%
56	13.915	1975	1977	1979	rBV	224316	168307	2.15%	0.225%
57	13.939	1979	1981	1985	rBV2	134438	168015	2.15%	0.225%
58	13.980	1985	1988	1990	rVB2	222036	194266	2.48%	0.260%
59	14.021	1991	1995	1999	rBV2	223567	480864	6.14%	0.644%
60	14.104	2007	2009	2010	rBV	138665	110114	1.41%	0.147%
61	14.139	2010	2015	2017	rVV2	2807470	3601835	46.01%	4.823%
62	14.163	2017	2019	2026	rVB	1296824	1243257	15.88%	1.665%
63	14.233	2028	2031	2035	rVV2	431193	476279	6.08%	0.638%
64	14.280	2037	2039	2044	rVV3	121172	131177	1.68%	0.176%
65	14.521	2078	2080	2083	rVB	313501	289842	3.70%	0.388%
66	14.557	2084	2086	2088	rBV	154259	127056	1.62%	0.170%
67	14.651	2100	2102	2104	rBV	180592	168732	2.16%	0.226%
68	15.210	2193	2197	2200	rBV	1082072	1678109	21.44%	2.247%
69	15.321	2213	2216	2219	rVB	233061	245826	3.14%	0.329%
70	15.533	2248	2252	2258	rVB	642299	866381	11.07%	1.160%
71	15.598	2258	2263	2269	rVB	911249	1177212	15.04%	1.576%
72	15.662	2270	2274	2278	rBV	1495916	2073351	26.49%	2.776%
73	17.209	2532	2537	2547	rVB2	353141	755782	9.65%	1.012%
74	17.686	2613	2618	2630	rVB	286037	641185	8.19%	0.859%

Sum of corrected areas: 74682698

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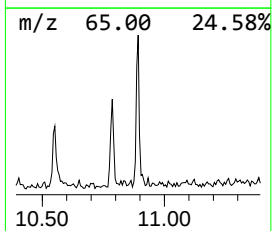
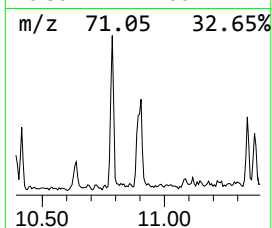
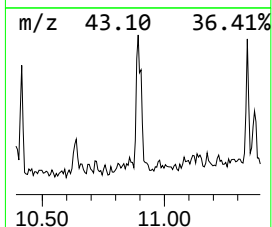
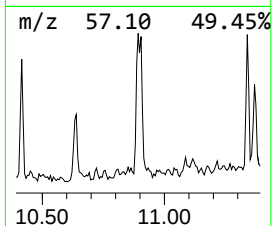
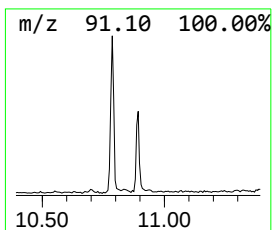
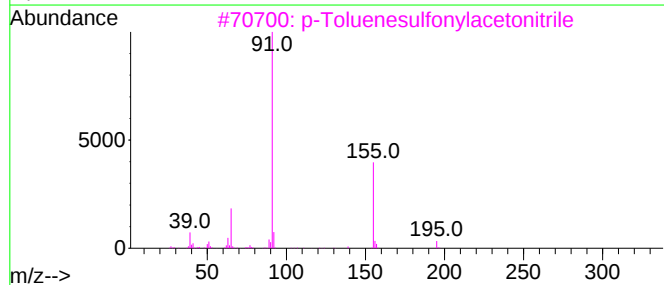
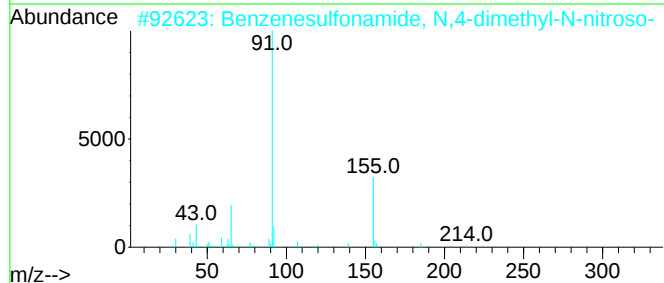
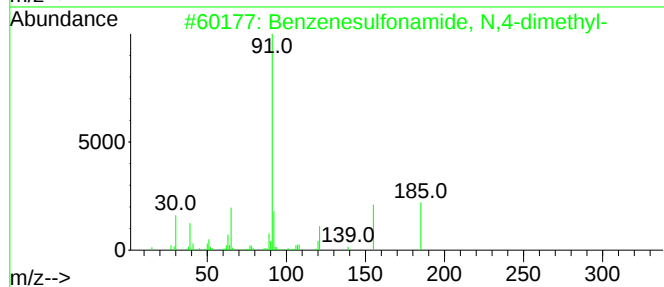
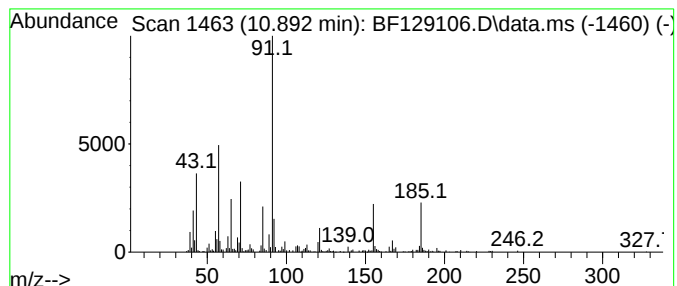
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzenesulfonamide, N,4-dim... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.892	2.18 ng	299837	Phenanthrene-d10	11.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	83
2			Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	45
3			p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	41
4			(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	35
5			4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	35



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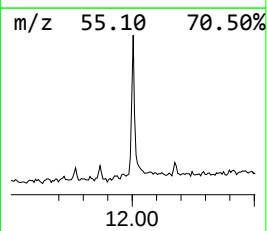
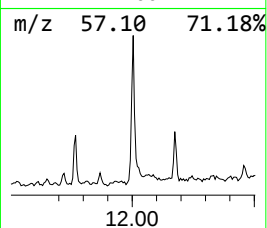
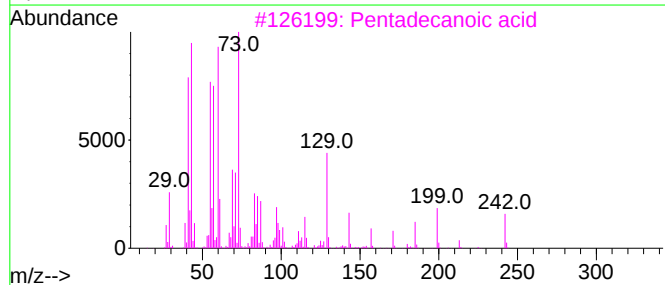
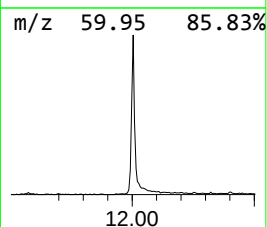
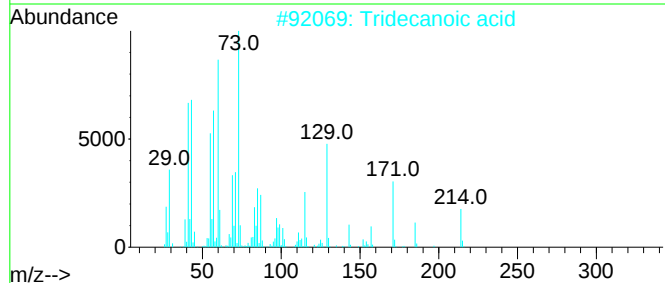
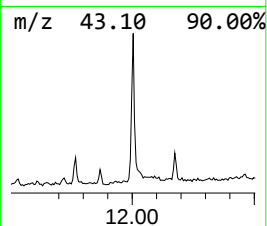
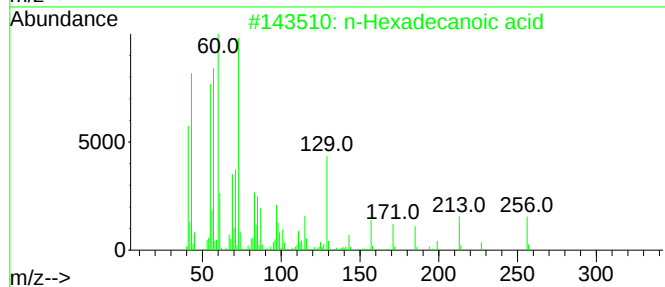
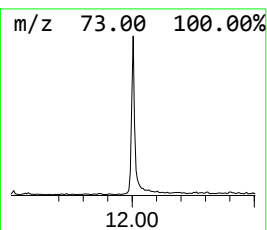
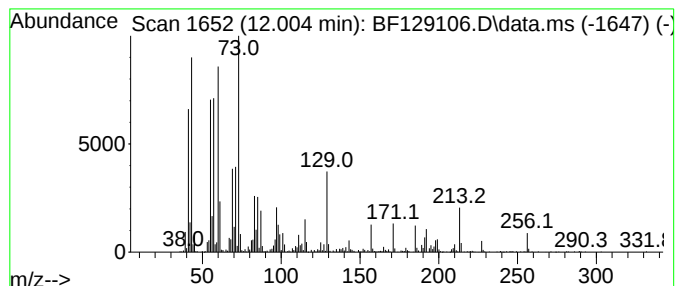
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	6.49 ng	892378	Phenanthrene-d10	11.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Octadecanoic acid	284	C18H36O2	000057-11-4	91
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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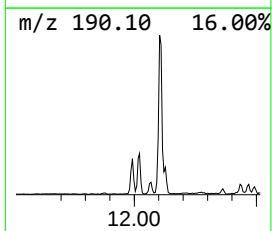
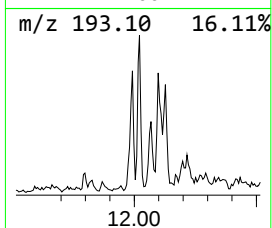
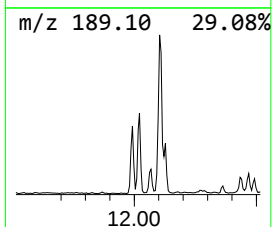
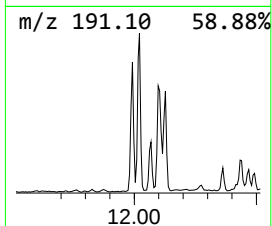
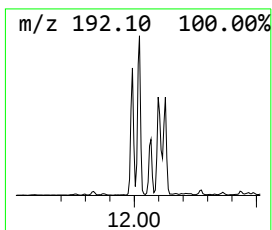
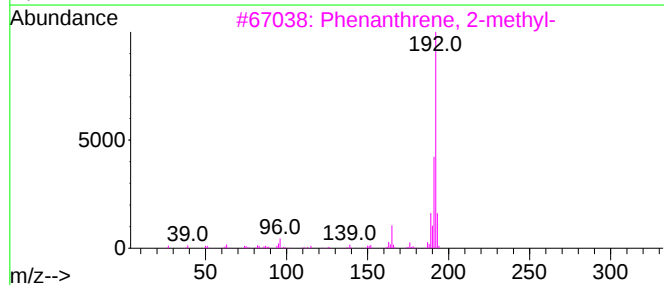
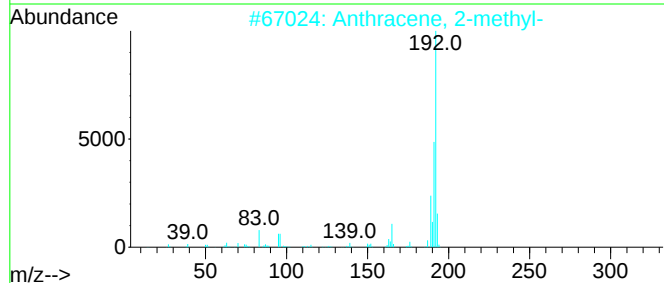
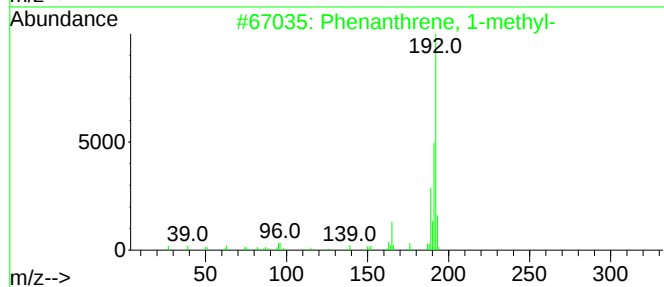
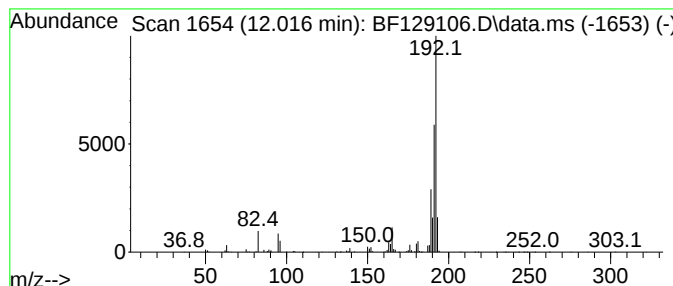
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	3.30 ng	453884	Phenanthrene-d10	11.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



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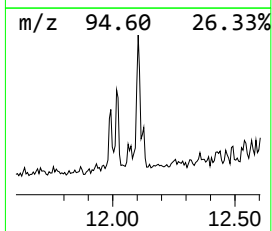
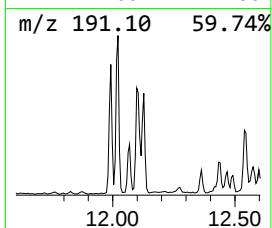
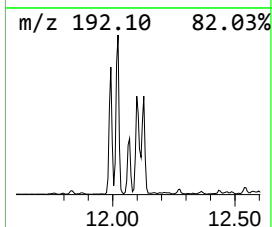
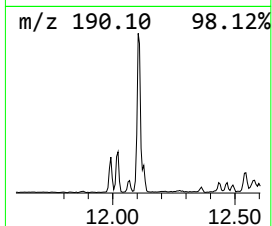
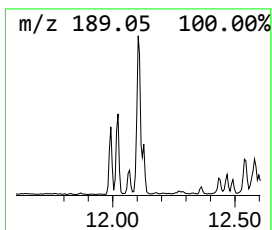
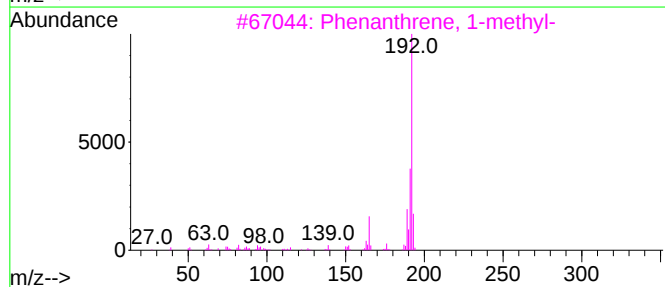
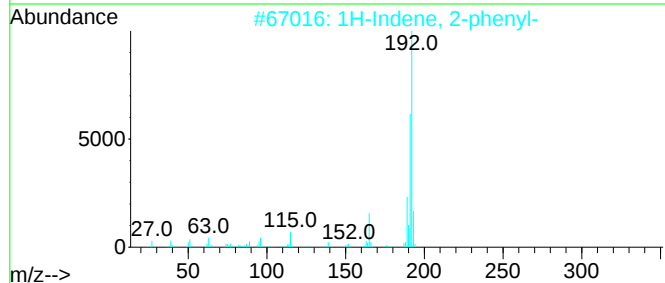
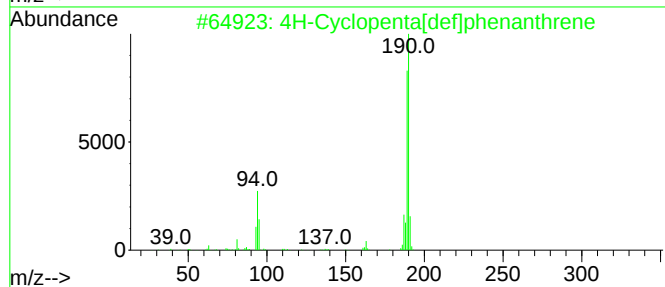
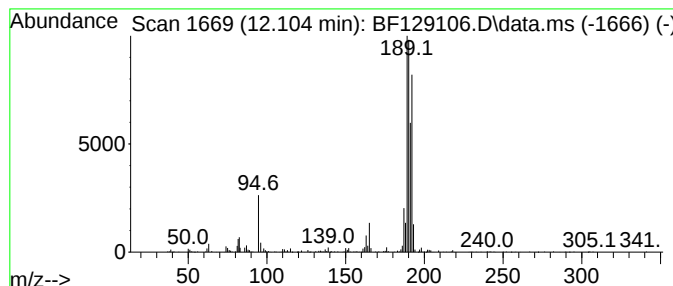
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	3.79 ng	520514	Phenanthrene-d10	11.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38



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Operator : CG\JU
Sample : N3562-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10A

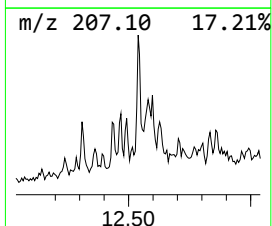
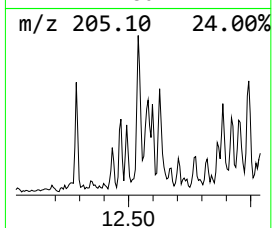
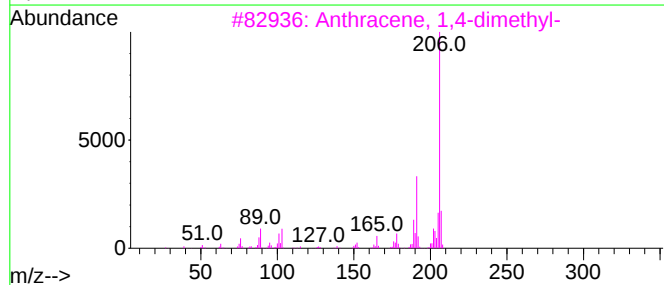
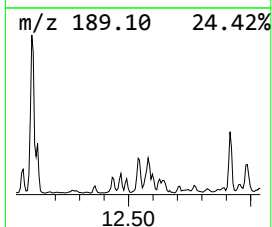
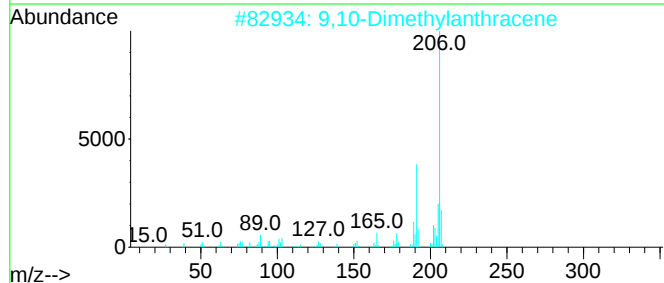
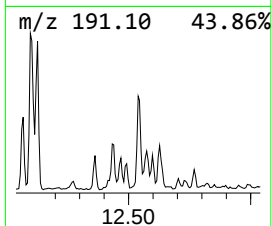
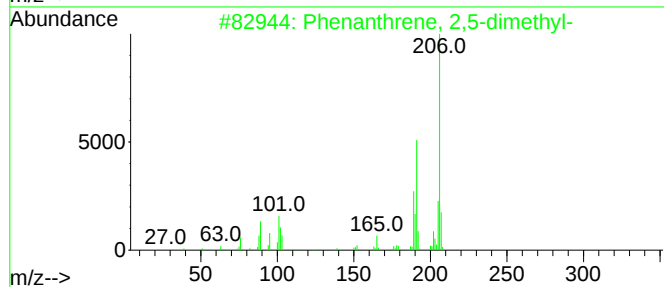
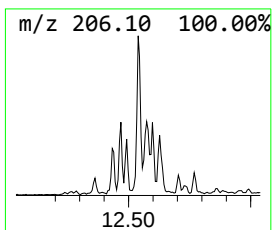
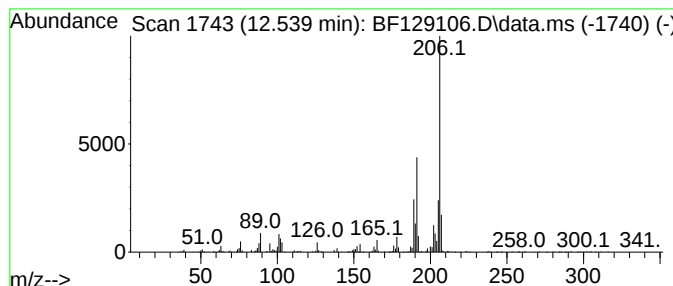
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	2.18 ng	299074	Phenanthrene-d10	11.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129106.D
Acq On : 01 Jul 2022 22:29
Operator : CG\JU
Sample : N3562-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

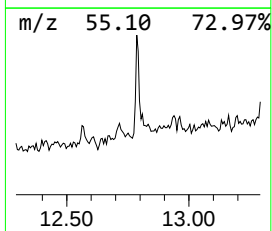
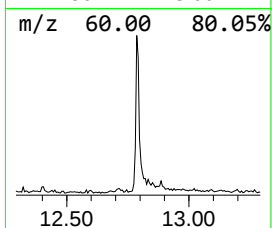
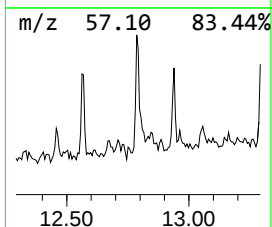
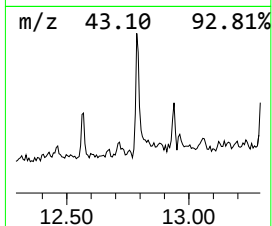
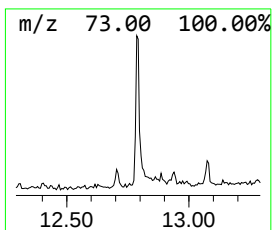
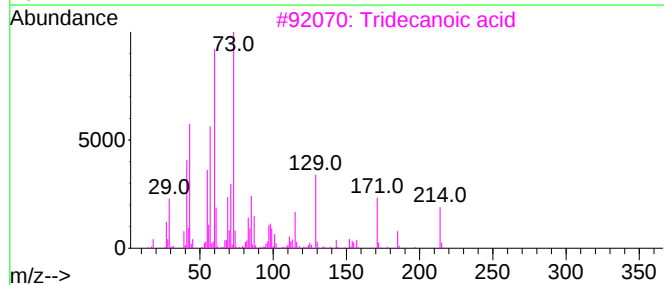
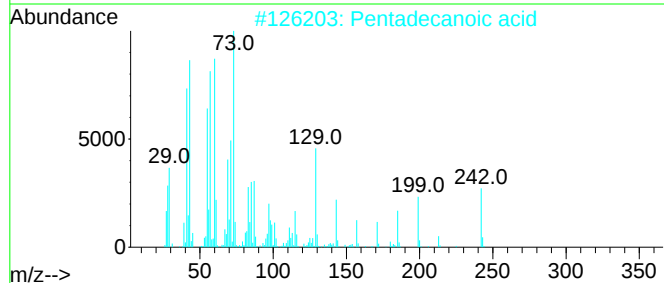
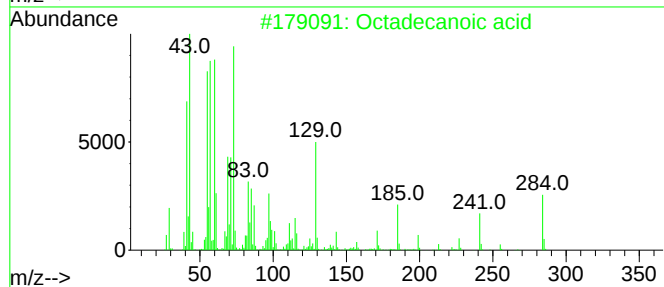
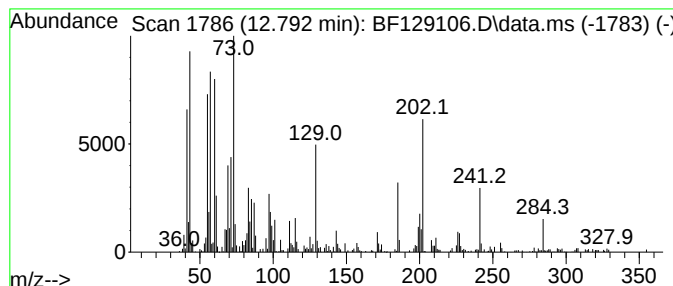
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.792	2.03 ng	279281	Phenanthrene-d10		11.492	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	78
3	Tridecanoic acid		214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	58
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129106.D
Acq On : 01 Jul 2022 22:29
Operator : CG\JU
Sample : N3562-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10A

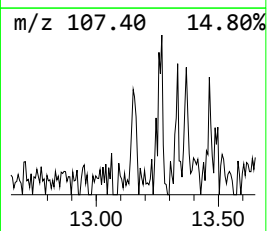
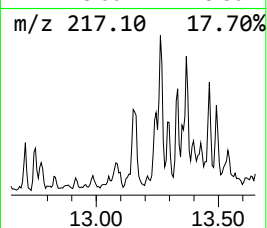
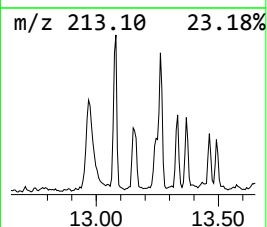
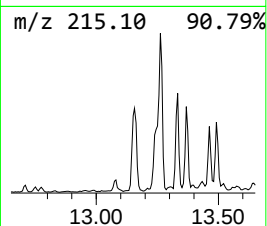
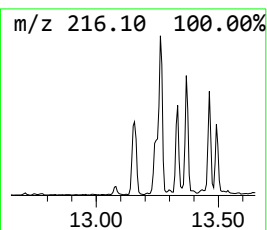
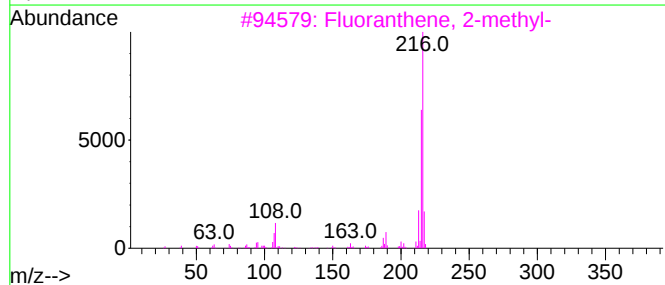
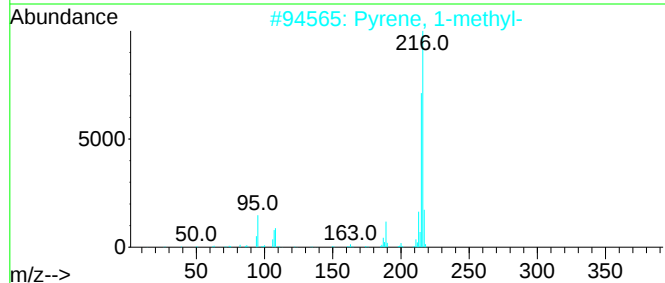
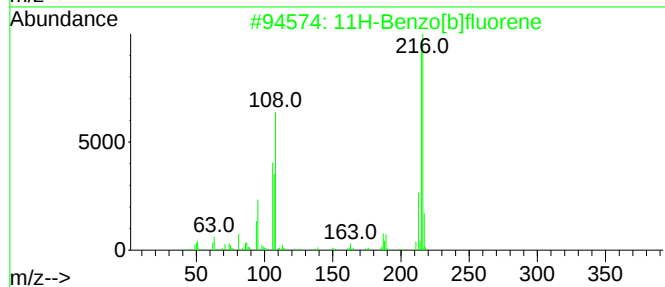
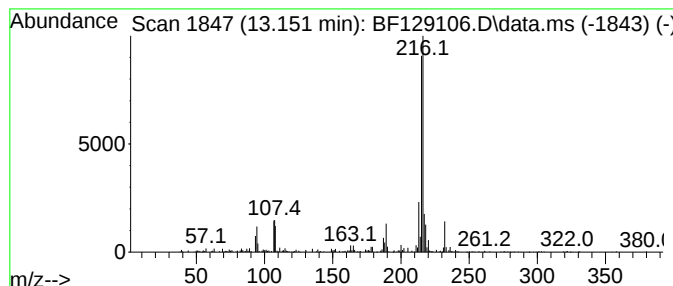
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	2.12 ng	382162	Chrysene-d12	14.139

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129106.D
Acq On : 01 Jul 2022 22:29
Operator : CG\JU
Sample : N3562-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

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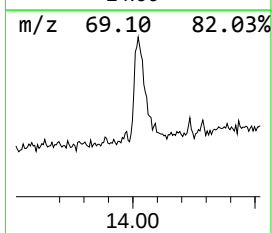
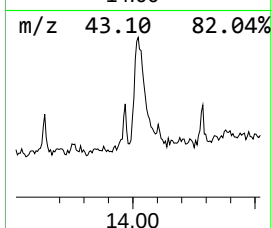
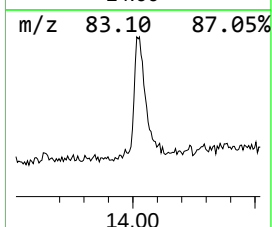
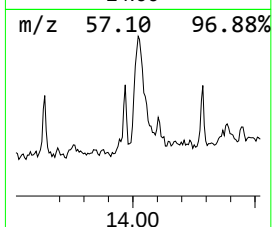
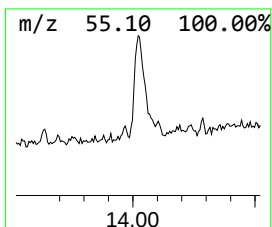
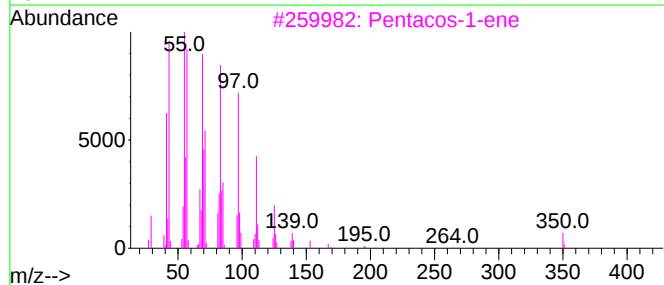
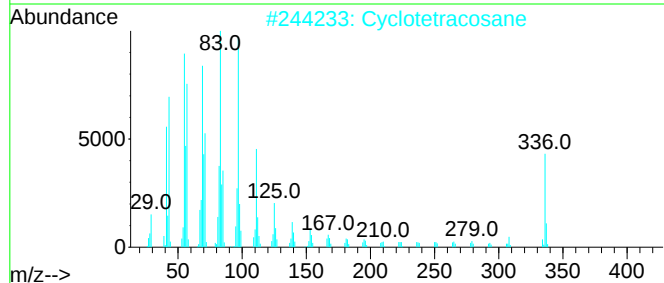
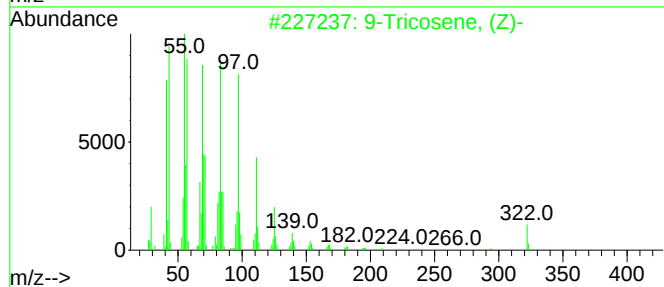
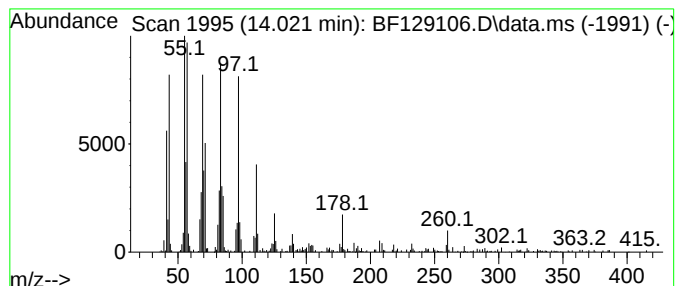
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Tricosene, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.021	2.67 ng	480864	Chrysene-d12	14.139

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2		Cyclotetracosane	336	C24H48	000297-03-0	95
3		Pentacos-1-ene	350	C25H50	016980-85-1	94
4		1-Hexacosene	364	C26H52	018835-33-1	94
5		Heptacos-1-ene	378	C27H54	015306-27-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129106.D
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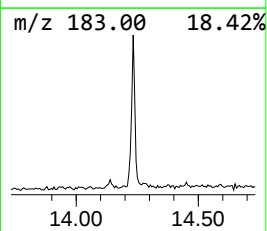
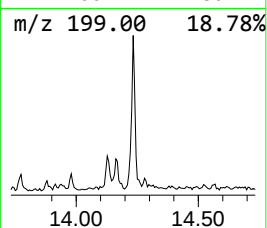
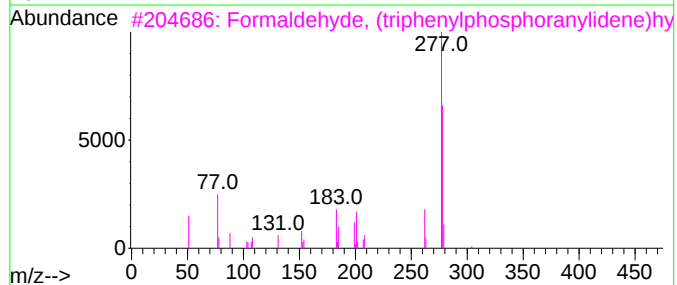
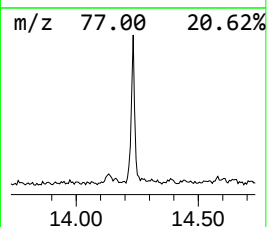
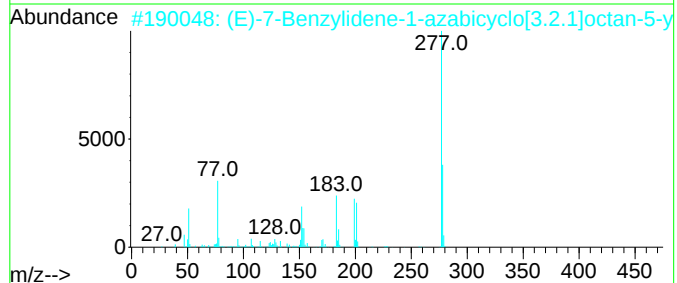
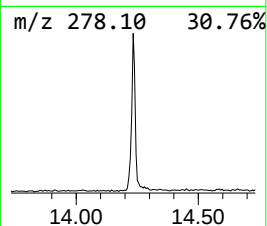
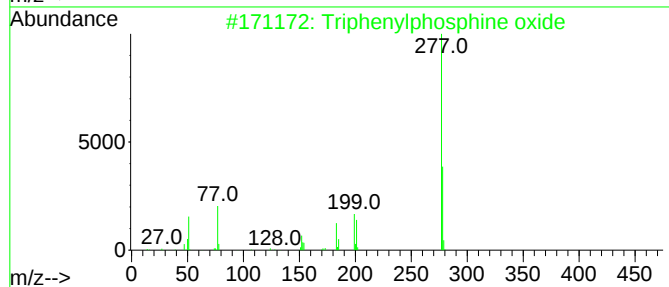
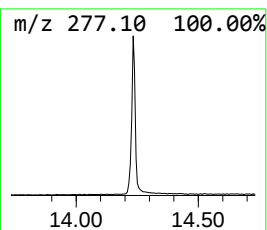
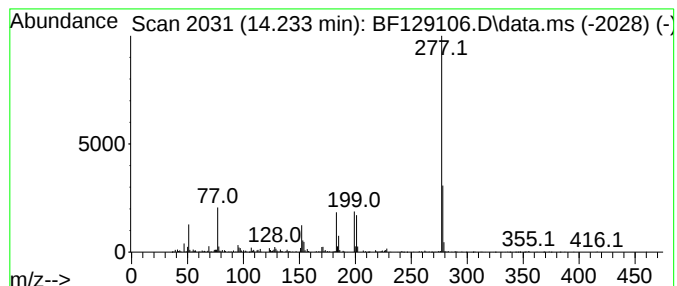
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Triphenylphosphine oxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.233	2.64 ng	476279	Chrysene-d12	14.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	91
3			Formaldehyde, (triphenylphosphor...]	304	C19H17N2P	015990-54-2	72
4			Vanadium, cycloheptatrienyl-(pen...]	277	C17H22V	1000155-20-5	50
5			(Carbethoxymethyl)-triphenylphos...]	428	C22H22BrO2P	001530-45-6	50



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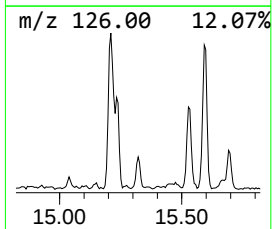
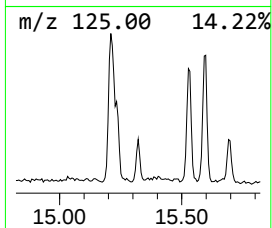
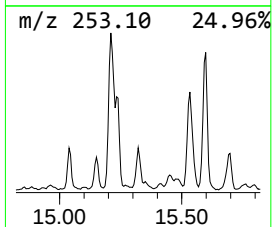
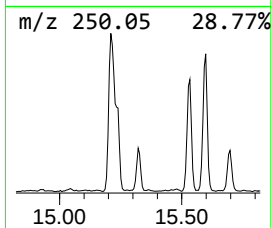
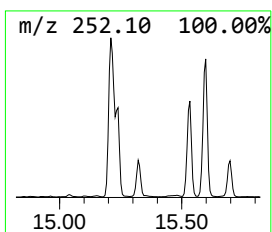
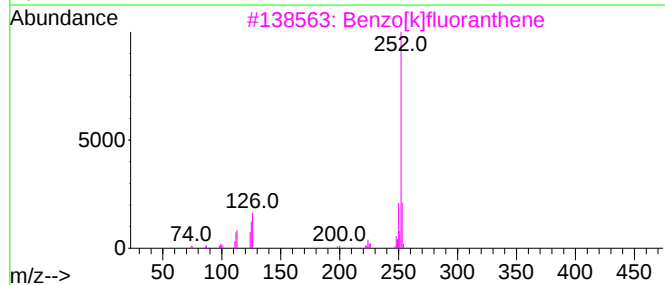
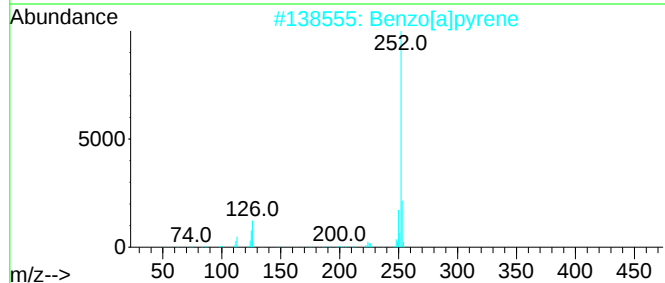
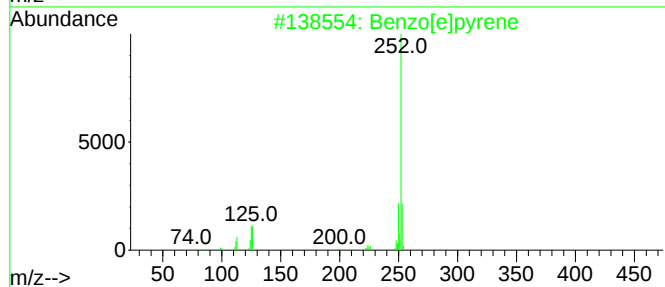
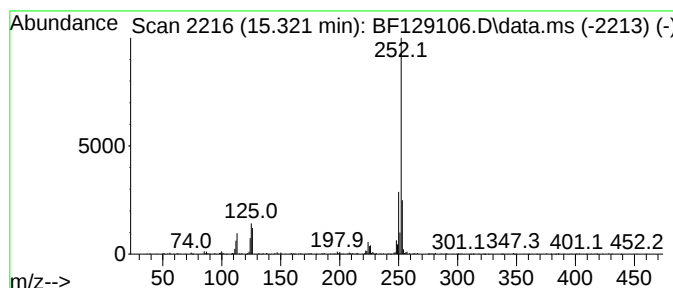
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	2.37 ng	245826	Perylene-d12	15.662

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	94
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129106.D
Acq On : 01 Jul 2022 22:29
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ALS Vial : 16 Sample Multiplier: 1

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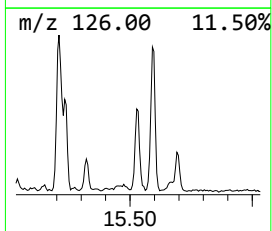
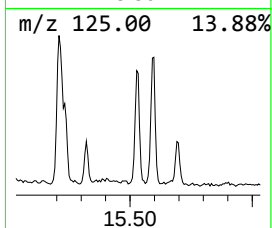
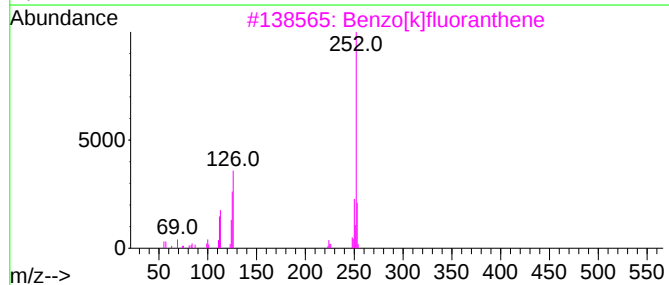
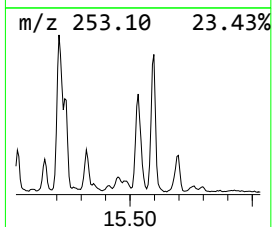
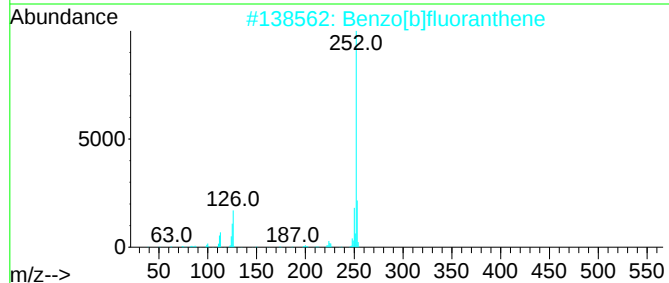
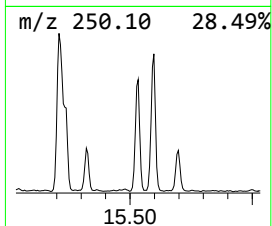
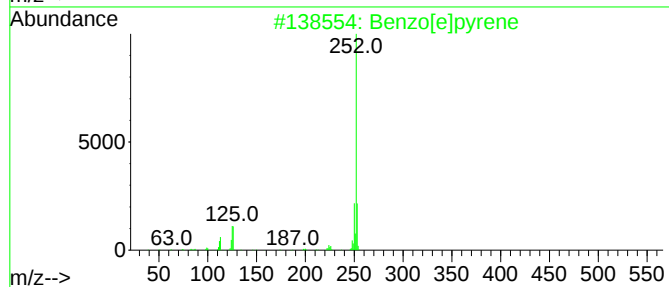
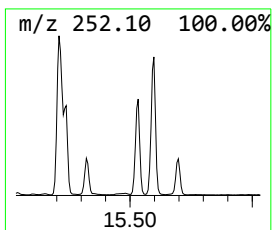
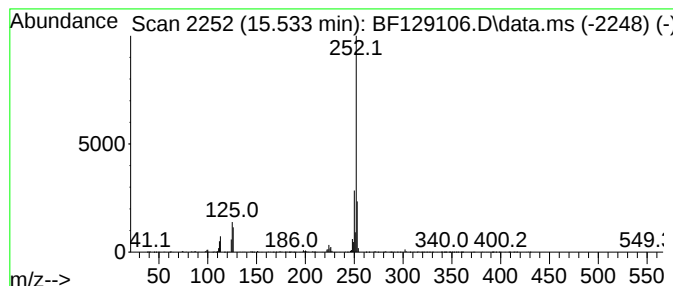
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	8.36 ng	866381	Perylene-d12	15.662

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129106.D
Acq On : 01 Jul 2022 22:29
Operator : CG\JU
Sample : N3562-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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
Benzenesulfonam...	10.892	2.2	ng	299837	4	11.492	2749090	20.0
n-Hexadecanoic ...	12.004	6.5	ng	892378	4	11.492	2749090	20.0
Phenanthrene, 1...	12.016	3.3	ng	453884	4	11.492	2749090	20.0
4H-Cyclopenta[d...	12.104	3.8	ng	520514	4	11.492	2749090	20.0
Phenanthrene, 2...	12.539	2.2	ng	299074	4	11.492	2749090	20.0
Octadecanoic acid	12.792	2.0	ng	279281	4	11.492	2749090	20.0
11H-Benzo[b]flu...	13.151	2.1	ng	382162	5	14.139	3601840	20.0
9-Tricosene, (Z)-	14.021	2.7	ng	480864	5	14.139	3601840	20.0
Triphenylphosph...	14.233	2.6	ng	476279	5	14.139	3601840	20.0
Benzo[e]pyrene	15.321	2.4	ng	245826	6	15.662	2073350	20.0
Benzo[j]fluoran...	15.533	8.4	ng	866381	6	15.662	2073350	20.0