

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
 Data File : BF134944.D
 Acq On : 25 Aug 2023 16:57
 Operator : CG\JU
 Sample : 04110-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-TP-19(0-1)

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-BF082223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134944.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.410	561	565	575	rVB	1510503	1334136	81.34%	6.435%
2	6.422	733	737	753	rBV	1624054	1413597	86.18%	6.818%
3	6.616	767	770	774	rBV2	22178	30211	1.84%	0.146%
4	6.787	796	799	806	rVB	622704	487782	29.74%	2.353%
5	7.345	890	894	897	rBV	1020806	852775	51.99%	4.113%
6	8.069	1011	1017	1019	rBV	735108	631890	38.52%	3.048%
7	8.086	1019	1020	1024	rVB	124015	80240	4.89%	0.387%
8	8.492	1084	1089	1093	rBV	30141	25605	1.56%	0.123%
9	8.663	1115	1118	1122	rBV	25722	21862	1.33%	0.105%
10	8.781	1135	1138	1141	rVB	74147	56696	3.46%	0.273%
11	8.881	1152	1155	1157	rBV	58153	44826	2.73%	0.216%
12	9.145	1196	1200	1203	rBV	2112617	1610232	98.17%	7.766%
13	9.228	1210	1214	1218	rBV2	31200	36269	2.21%	0.175%
14	9.316	1227	1229	1232	rBV	85891	69658	4.25%	0.336%
15	9.392	1239	1242	1245	rBV	37711	55724	3.40%	0.269%
16	9.481	1254	1257	1260	rBV	42971	41994	2.56%	0.203%
17	9.510	1260	1262	1264	rVV	32184	29108	1.77%	0.140%
18	9.551	1267	1269	1271	rVV	32207	24295	1.48%	0.117%
19	9.598	1274	1277	1282	rVV	25729	27880	1.70%	0.134%
20	9.681	1286	1291	1295	rBV	68855	65025	3.96%	0.314%
21	9.757	1302	1304	1308	rVB	26256	23090	1.41%	0.111%
22	9.822	1309	1315	1318	rBV	749311	640729	39.06%	3.090%
23	9.857	1318	1321	1325	rVB	190832	155802	9.50%	0.751%
24	10.028	1346	1350	1354	rBV	65618	57476	3.50%	0.277%
25	10.233	1381	1385	1387	rBV3	26113	30183	1.84%	0.146%
26	10.263	1387	1390	1394	rVB3	27636	26213	1.60%	0.126%
27	10.369	1405	1408	1412	rBV2	59241	60515	3.69%	0.292%
28	10.533	1433	1436	1439	rVB	27637	25367	1.55%	0.122%
29	10.616	1446	1450	1454	rVB	988704	832811	50.77%	4.017%
30	10.751	1467	1473	1476	rBV2	73315	102346	6.24%	0.494%
31	10.927	1497	1503	1505	rBV5	15465	24550	1.50%	0.118%
32	11.051	1521	1524	1527	rBV	22695	29848	1.82%	0.144%
33	11.122	1533	1536	1539	rVV	32707	25473	1.55%	0.123%
34	11.157	1539	1542	1545	rVV3	24825	34895	2.13%	0.168%
35	11.216	1549	1552	1556	rVB2	37955	42532	2.59%	0.205%
36	11.316	1565	1569	1571	rBV	733188	627350	38.25%	3.026%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.339	1571	1573	1576	rVV	581130	421599	25.70%	2.033%
38	11.392	1576	1582	1585	rVV	160124	150124	9.15%	0.724%
39	11.427	1585	1588	1594	rVB	34808	34501	2.10%	0.166%
40	11.551	1606	1609	1611	rVB	60183	44812	2.73%	0.216%
41	11.616	1617	1620	1624	rBV	34902	30238	1.84%	0.146%
42	11.822	1650	1655	1657	rBV	67929	74872	4.56%	0.361%
43	11.851	1657	1660	1665	rVV	205309	208473	12.71%	1.005%
44	11.898	1665	1668	1670	rVV2	36799	40383	2.46%	0.195%
45	11.933	1670	1674	1676	rVV	118157	128545	7.84%	0.620%
46	11.951	1676	1677	1683	rVB	48797	42935	2.62%	0.207%
47	12.027	1688	1690	1692	rVV	35193	24685	1.50%	0.119%
48	12.122	1702	1706	1708	rBV	46908	49133	3.00%	0.237%
49	12.145	1708	1710	1714	rVB	43906	36797	2.24%	0.177%
50	12.269	1726	1731	1734	rBV4	26618	35289	2.15%	0.170%
51	12.374	1745	1749	1752	rBV2	59380	70962	4.33%	0.342%
52	12.416	1752	1756	1761	rVV4	43326	74843	4.56%	0.361%
53	12.457	1761	1763	1768	rVB	42693	46118	2.81%	0.222%
54	12.533	1773	1776	1780	rBV	939704	881634	53.75%	4.252%
55	12.633	1790	1793	1796	rBV	40683	58717	3.58%	0.283%
56	12.686	1800	1802	1809	rVB2	29667	40481	2.47%	0.195%
57	12.769	1809	1816	1818	rBV	824749	905836	55.22%	4.369%
58	12.786	1818	1819	1822	rVV2	42799	34579	2.11%	0.167%
59	12.816	1822	1824	1829	rVB3	42928	49565	3.02%	0.239%
60	12.886	1833	1836	1837	rBV2	53898	44293	2.70%	0.214%
61	12.916	1837	1841	1847	rVB	1782036	1640294	100.00%	7.911%
62	12.986	1848	1853	1856	rBV2	52316	82185	5.01%	0.396%
63	13.016	1856	1858	1861	rVB	25287	20356	1.24%	0.098%
64	13.074	1865	1868	1869	rBV3	38012	43224	2.64%	0.208%
65	13.098	1869	1872	1875	rVB2	133748	122379	7.46%	0.590%
66	13.163	1879	1883	1886	rBV2	108566	104670	6.38%	0.505%
67	13.198	1886	1889	1892	rBV2	85072	86942	5.30%	0.419%
68	13.257	1897	1899	1902	rBV3	21988	24712	1.51%	0.119%
69	13.292	1902	1905	1908	rVB	43732	38776	2.36%	0.187%
70	13.321	1908	1910	1914	rBV2	47672	48265	2.94%	0.233%
71	13.498	1938	1940	1943	rVB3	29164	22537	1.37%	0.109%
72	13.580	1952	1954	1956	rBV3	17396	21440	1.31%	0.103%
73	13.610	1956	1959	1963	rVB	54852	65465	3.99%	0.316%
74	13.716	1973	1977	1980	rBV2	76616	101549	6.19%	0.490%
75	13.745	1980	1982	1984	rVV	69156	64832	3.95%	0.313%
76	13.768	1984	1986	1992	rVV2	81304	118132	7.20%	0.570%

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77	13.821	1992	1995	2001	rVB3	139943	172372	10.51%	0.831%
78	13.968	2013	2020	2023	rBV2	789629	1130328	68.91%	5.452%
79	13.998	2023	2025	2028	rVB	440098	336759	20.53%	1.624%
80	14.074	2034	2038	2041	rBV2	127851	124048	7.56%	0.598%
81	14.116	2042	2045	2047	rBV	36107	30519	1.86%	0.147%
82	14.363	2084	2087	2090	rVB	79357	69972	4.27%	0.337%
83	14.392	2090	2092	2096	rVB2	38731	39136	2.39%	0.189%
84	14.457	2100	2103	2105	rVV2	69073	67601	4.12%	0.326%
85	14.486	2105	2108	2110	rVV3	46918	53476	3.26%	0.258%
86	14.504	2110	2111	2116	rVB2	49959	44974	2.74%	0.217%
87	14.668	2137	2139	2142	rBV3	35261	38388	2.34%	0.185%
88	15.015	2193	2198	2201	rBV	458684	684311	41.72%	3.300%
89	15.121	2213	2216	2220	rVB	104060	110316	6.73%	0.532%
90	15.315	2245	2249	2255	rVB	257435	332551	20.27%	1.604%
91	15.380	2255	2260	2266	rVB	409714	487291	29.71%	2.350%
92	15.445	2266	2271	2274	rBV	349053	440288	26.84%	2.124%
93	15.474	2274	2276	2283	rVB	124886	168552	10.28%	0.813%
94	16.927	2517	2523	2533	rVB2	158271	324401	19.78%	1.565%
95	17.380	2594	2600	2613	rVB	114756	264576	16.13%	1.276%

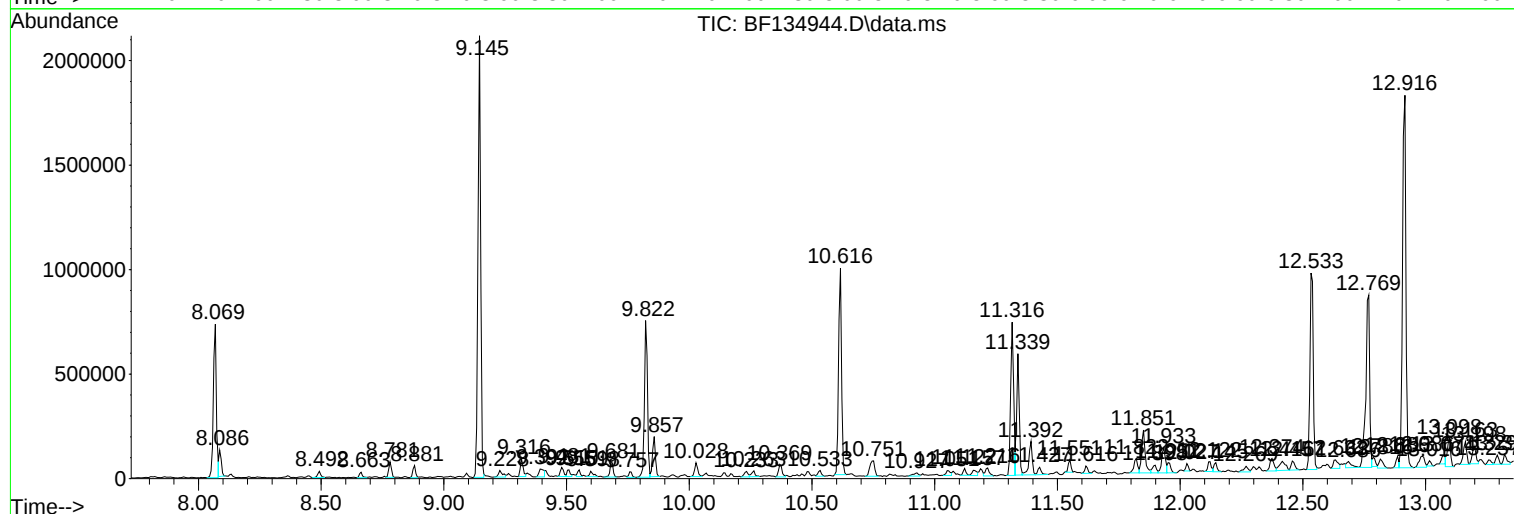
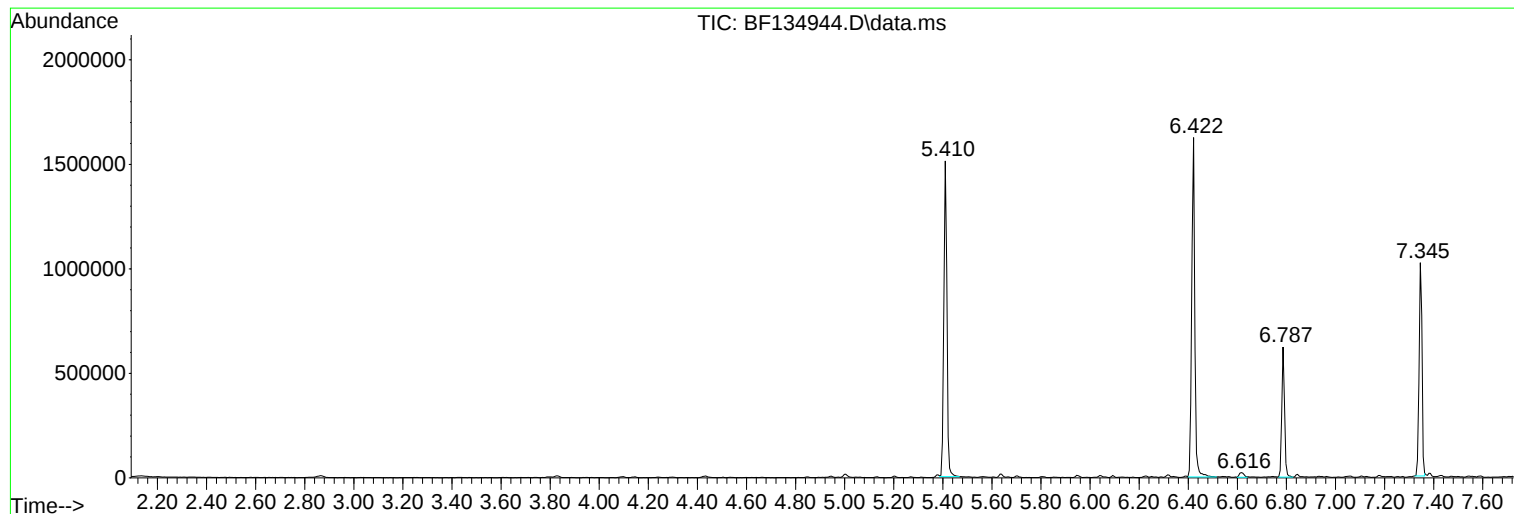
Sum of corrected areas: 20734016

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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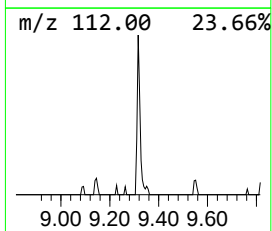
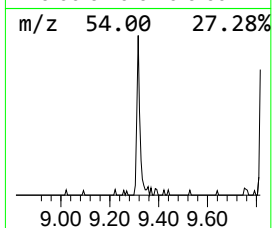
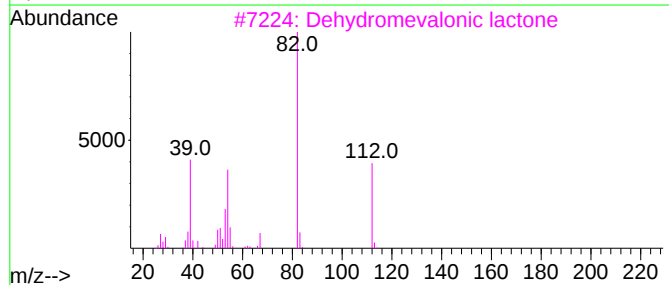
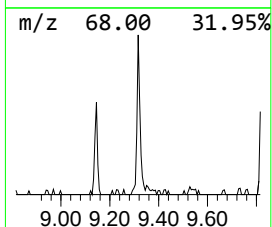
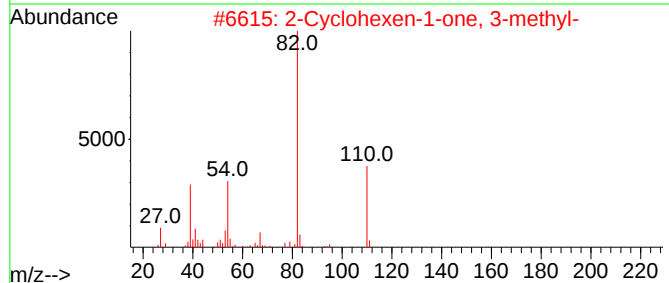
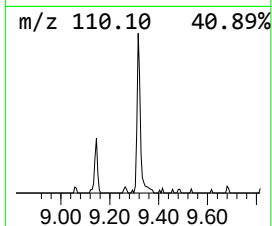
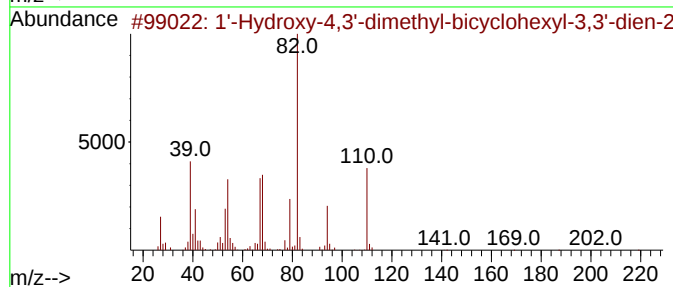
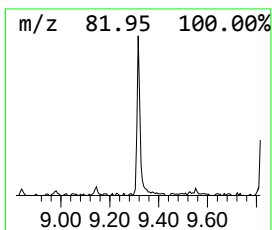
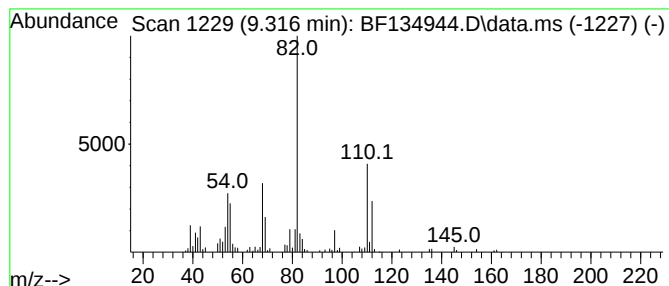
Instrument :
BNA_F
ClientSampleId :
SS-TP-19(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1'-Hydroxy-4,3'-dimethyl-bi... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.316	2.17 ng	69658	Acenaphthene-d10		9.822	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1'-Hydroxy-4,3'-dimethyl-bicyclo...		220	C14H20O2	1000189-12-5	59
2	2-Cyclohexen-1-one, 3-methyl-		110	C7H10O	001193-18-6	58
3	Dehydromevalonic lactone		112	C6H8O2	002381-87-5	55
4	2-Cyclohexen-1-one, 6-(1-hydroxy...		168	C10H16O2	087791-00-2	40
5	Fumaric acid, trans-hex-3-enyl t...		380	C23H40O4	1000348-89-3	38



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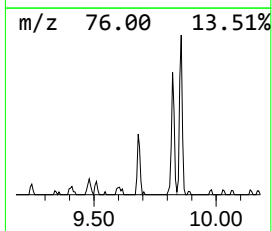
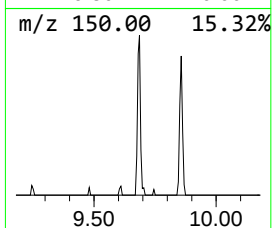
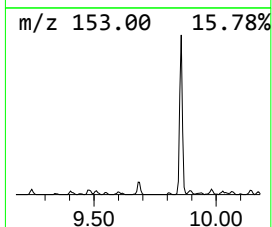
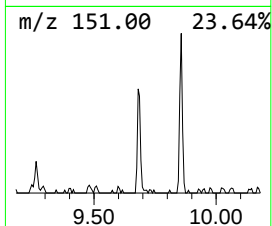
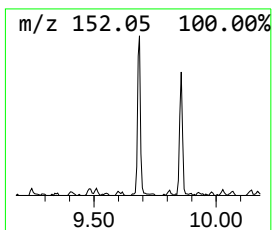
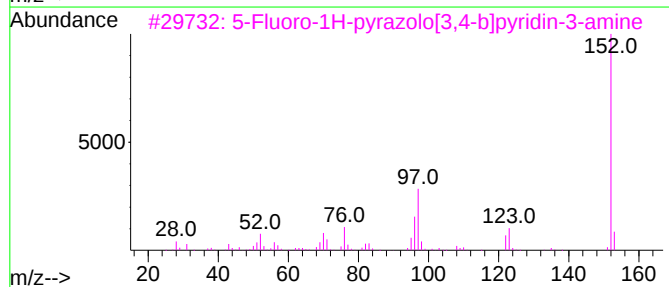
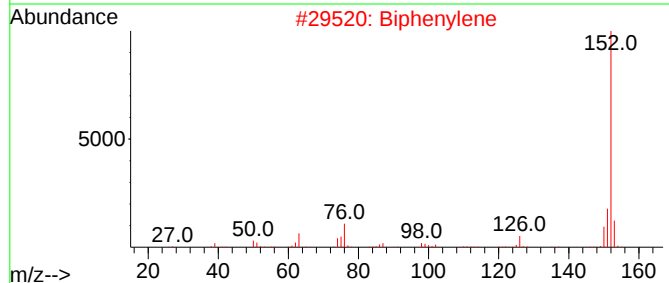
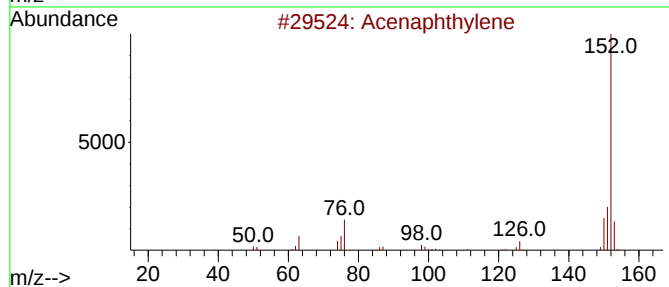
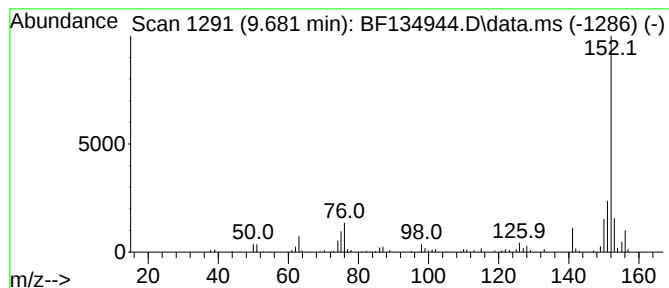
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Biphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.681	2.03 ng	65025	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthylene	152	C12H8	000208-96-8	95
2			Biphenylene	152	C12H8	000259-79-0	81
3			5-Fluoro-1H-pyrazolo[3,4-b]pyrid...	152	C6H5FN4	1034667-22-5	50
4			5-Chlorobenzimidazole	152	C7H5ClN2	004887-82-5	43
5			5,6-Dihydro-4-methylthieno(2,3-d...	152	C7H8N2S	092204-06-3	40



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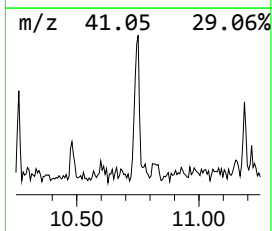
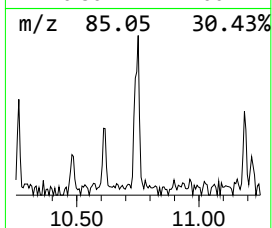
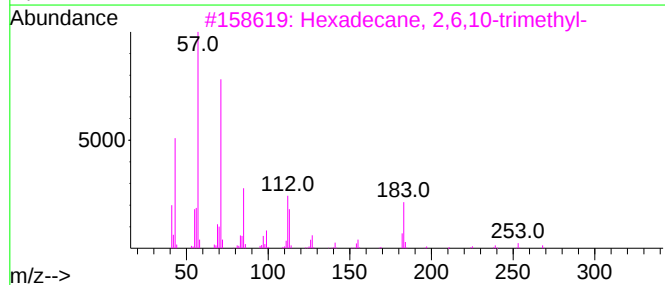
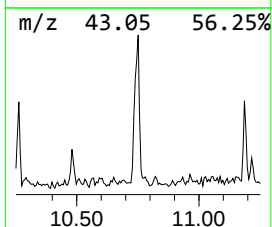
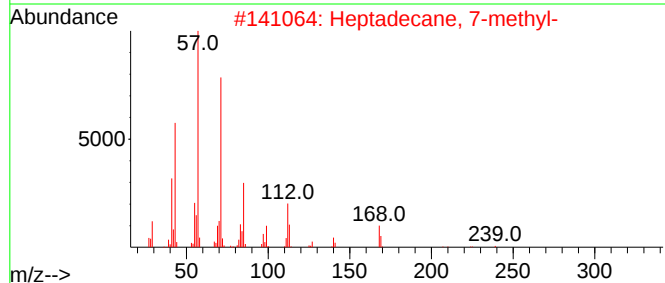
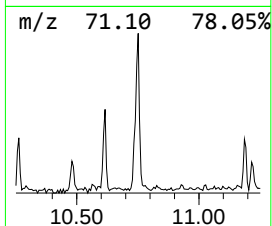
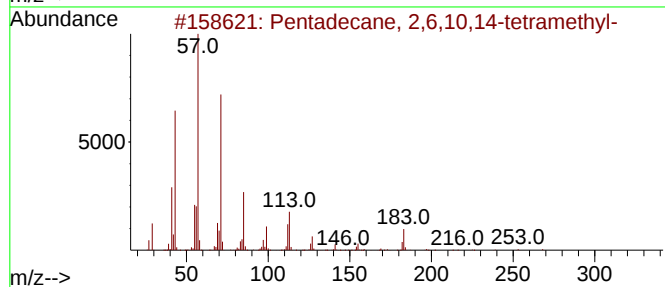
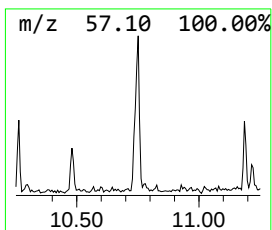
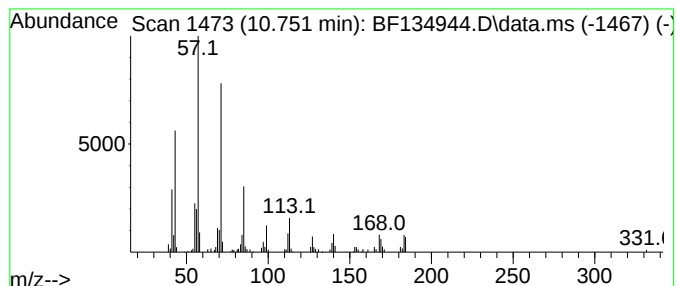
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.751	3.26 ng	102346	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	91
2	Heptadecane, 7-methyl-		254	C18H38	020959-33-5	80
3	Hexadecane, 2,6,10-trimethyl-		268	C19H40	055000-52-7	72
4	Tridecane		184	C13H28	000629-50-5	72
5	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134944.D
Acq On : 25 Aug 2023 16:57
Operator : CG\JU
Sample : 04110-13
Misc :
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Instrument :
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ClientSampleId :
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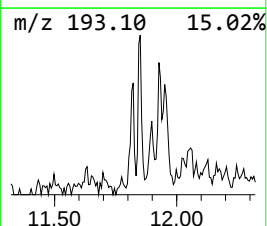
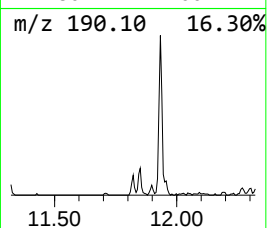
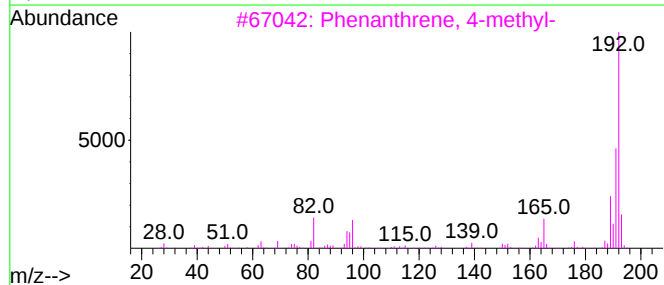
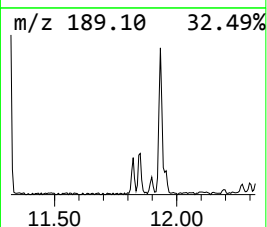
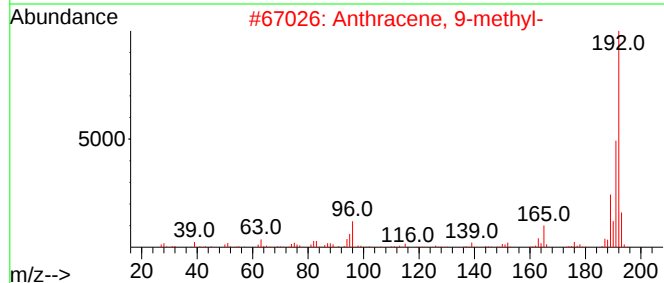
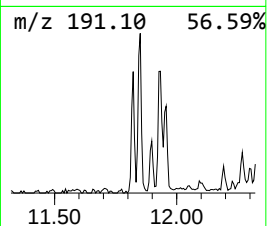
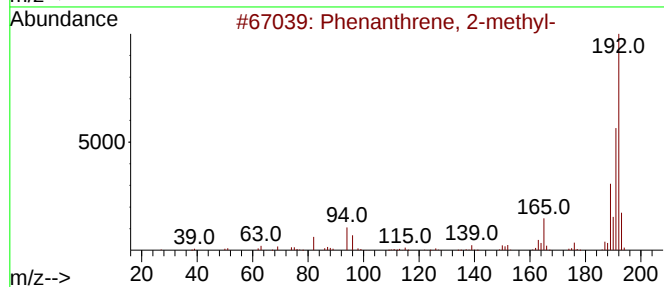
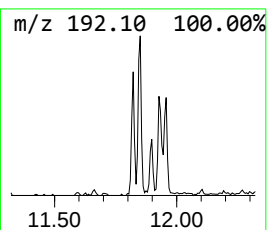
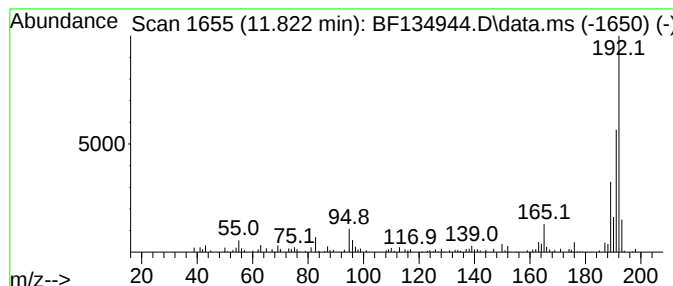
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	2.39 ng	74872	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134944.D
Acq On : 25 Aug 2023 16:57
Operator : CG\JU
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Instrument :
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ClientSampleId :
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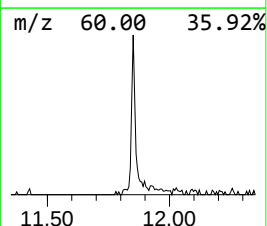
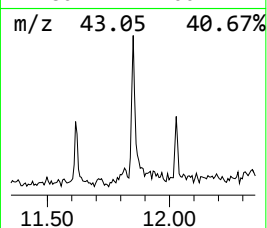
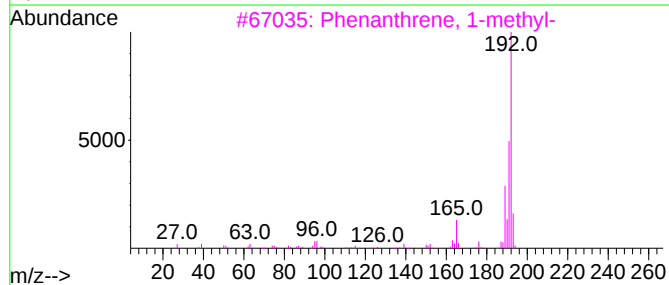
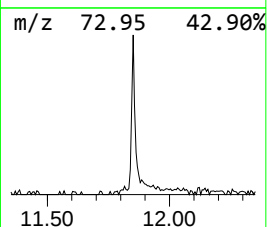
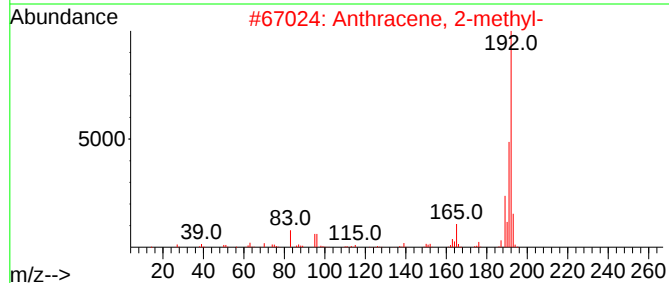
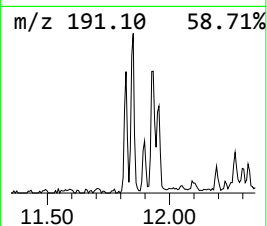
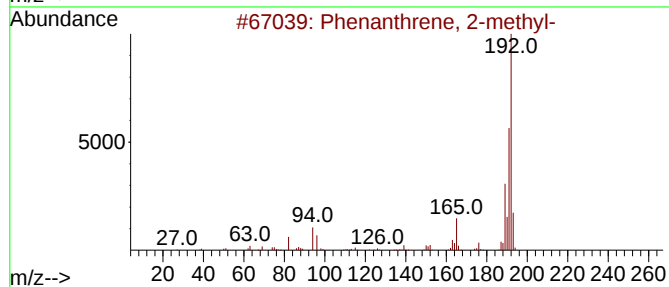
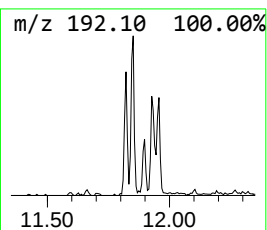
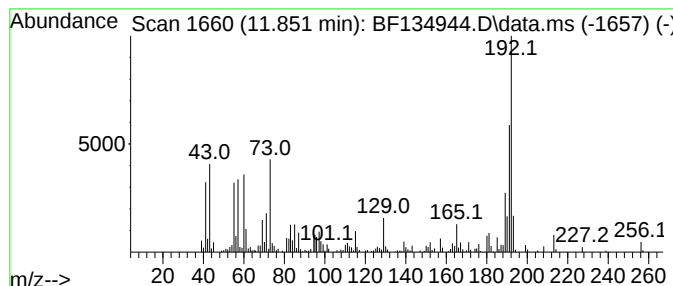
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	6.65 ng	208473	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134944.D
Acq On : 25 Aug 2023 16:57
Operator : CG\JU
Sample : 04110-13
Misc :
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Instrument :
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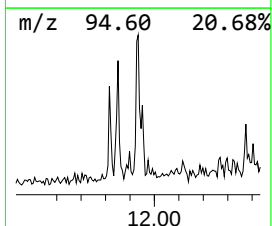
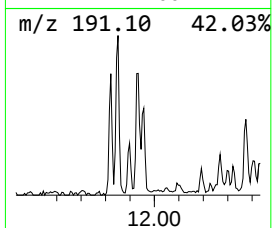
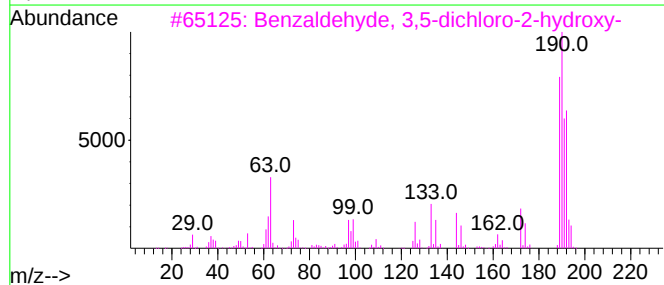
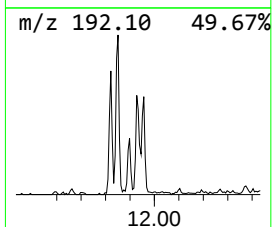
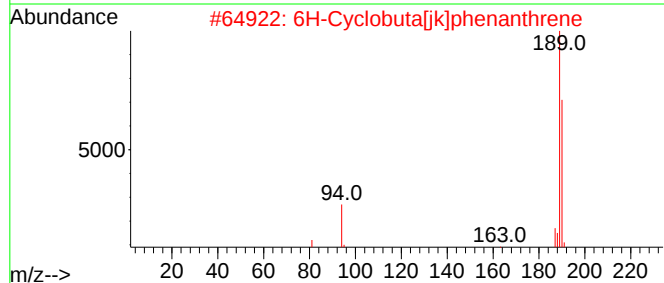
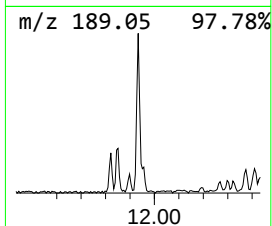
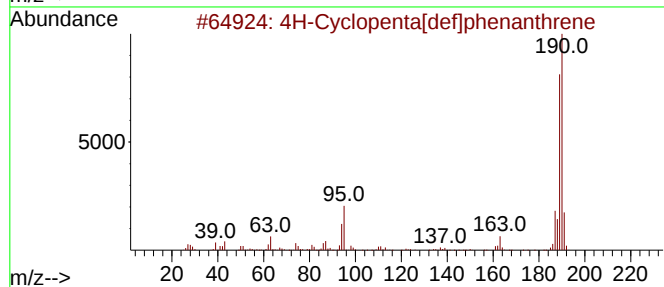
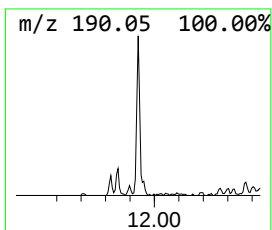
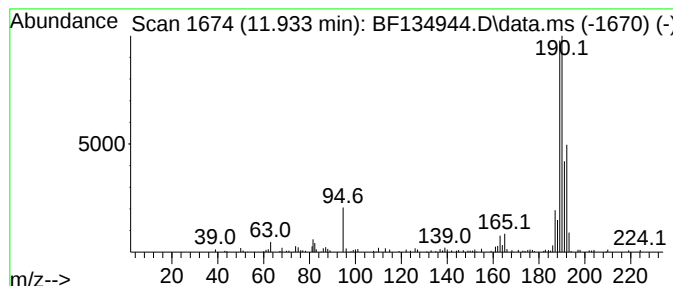
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	4.10 ng	128545	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134944.D
Acq On : 25 Aug 2023 16:57
Operator : CG\JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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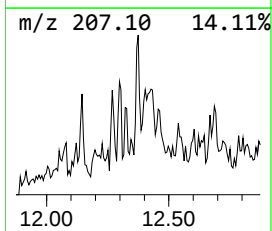
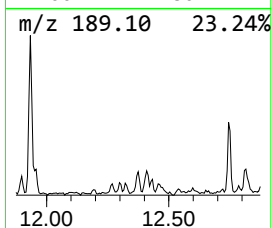
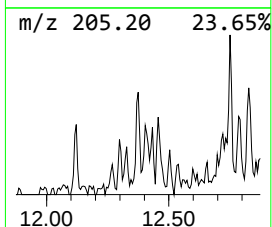
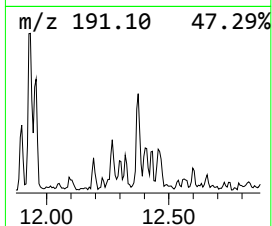
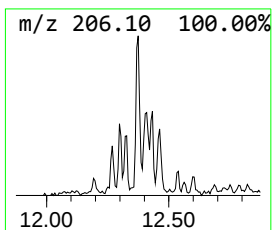
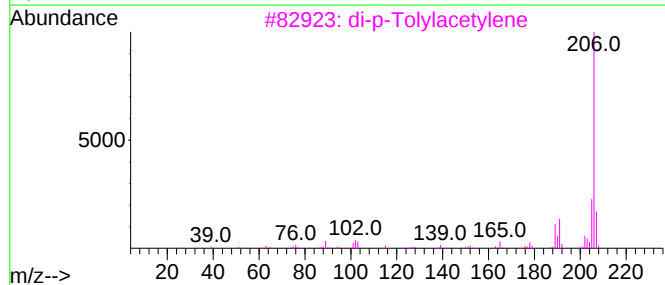
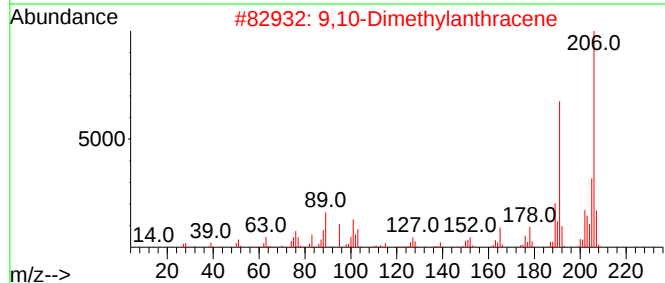
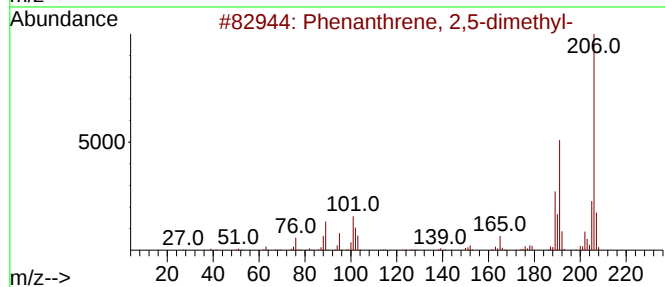
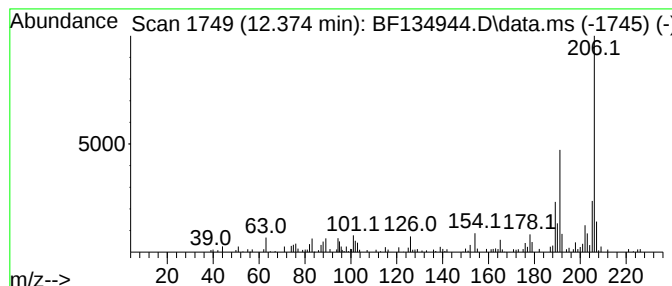
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	2.26 ng	70962	Phenanthrene-d10	11.316

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	91
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134944.D
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Operator : CG\JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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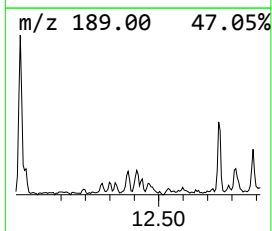
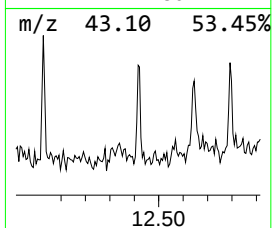
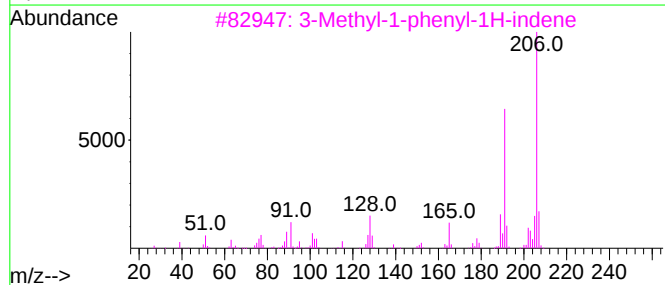
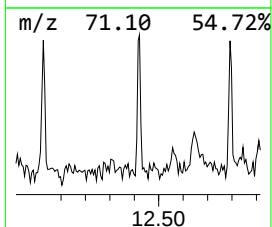
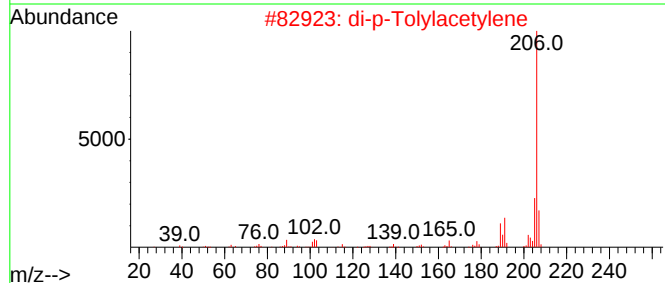
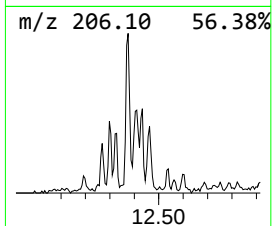
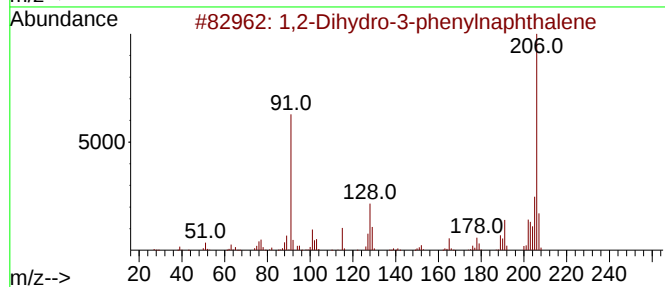
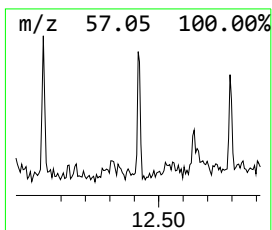
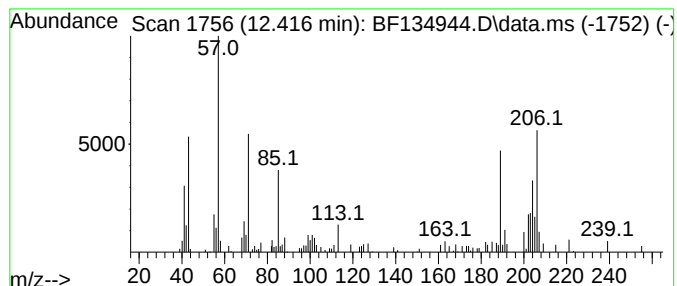
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown12.416 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	2.39 ng	74843	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Dihydro-3-phenylnaphthalene	206	C16H14	020669-52-7	35
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	25
3			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	25
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	25
5			6-Chloro-2-acetonaphthone	204	C12H9ClO	042036-59-9	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134944.D
Acq On : 25 Aug 2023 16:57
Operator : CG\JU
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ALS Vial : 9 Sample Multiplier: 1

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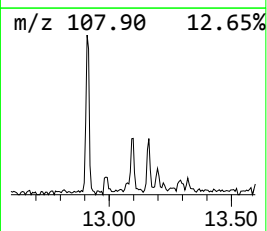
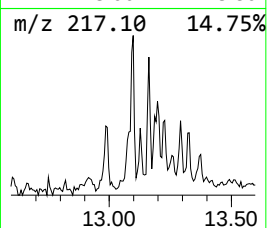
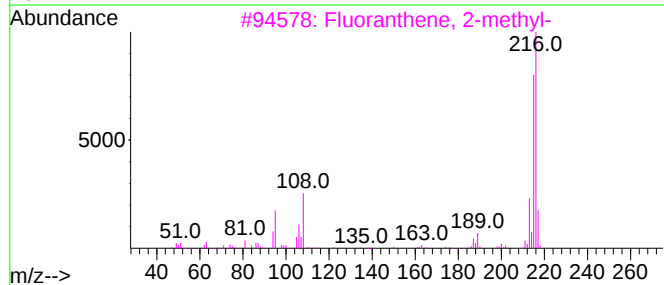
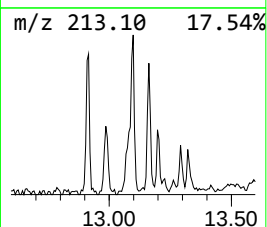
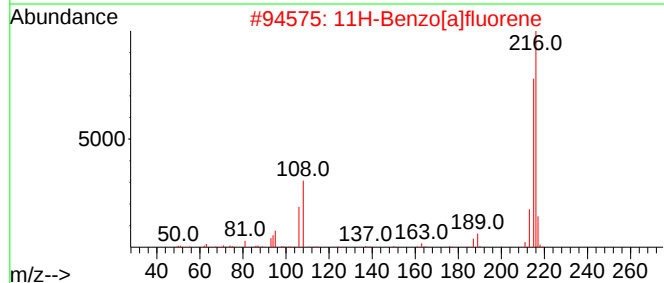
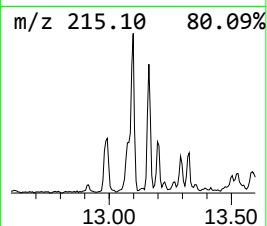
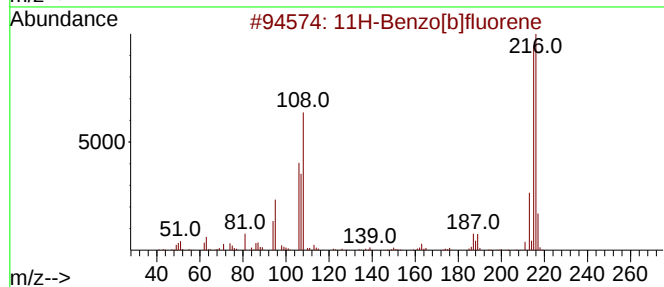
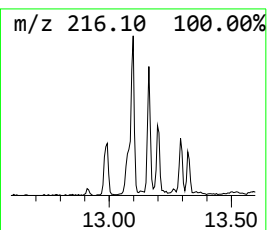
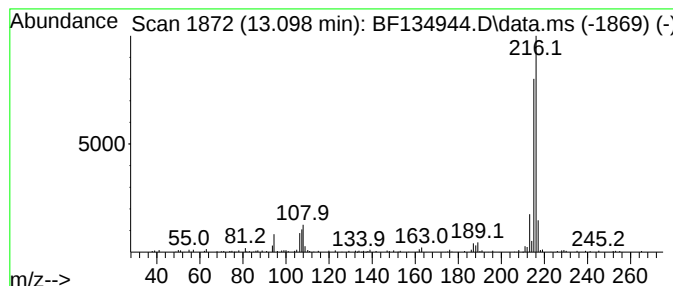
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	2.17 ng	122379	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134944.D
Acq On : 25 Aug 2023 16:57
Operator : CG\JU
Sample : 04110-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-TP-19(0-1)

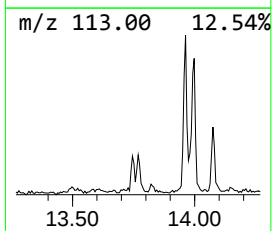
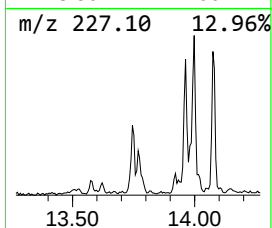
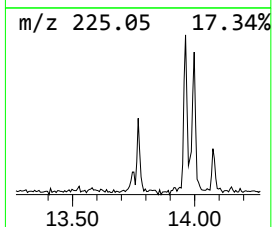
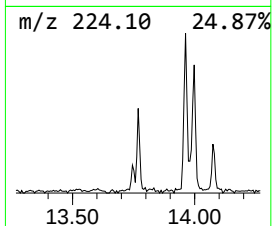
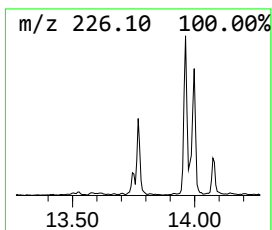
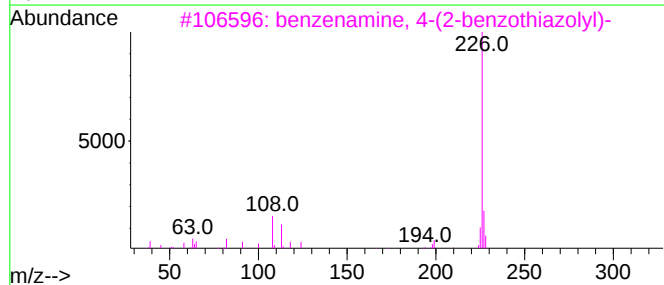
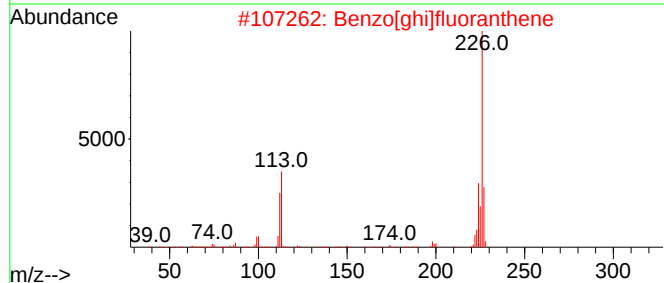
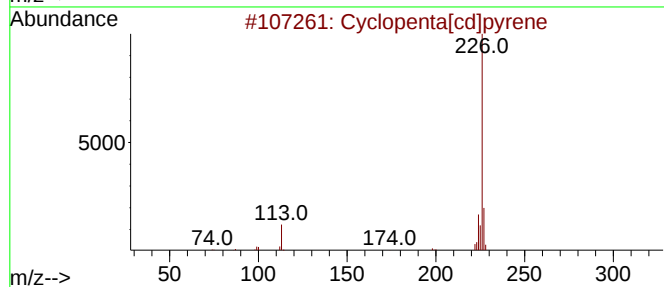
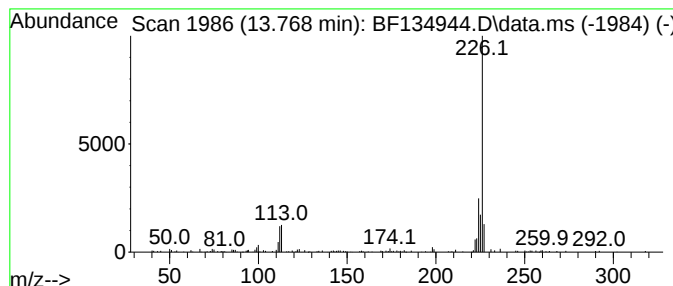
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta[cd]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.769	2.09 ng	118132	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
3			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	42
4			1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	38
5			Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134944.D
Acq On : 25 Aug 2023 16:57
Operator : CG\JU
Sample : 04110-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-TP-19(0-1)

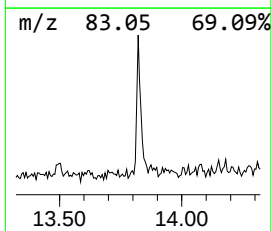
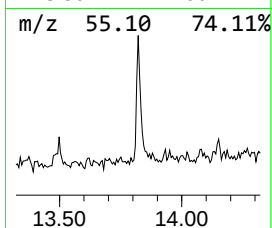
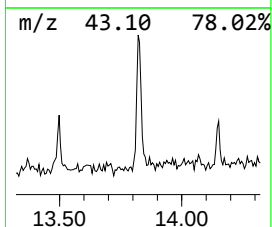
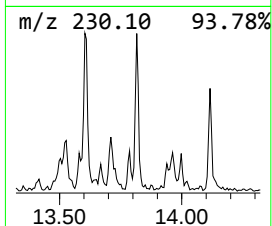
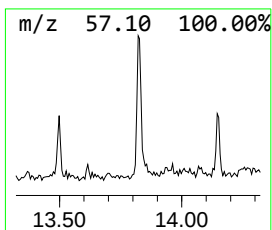
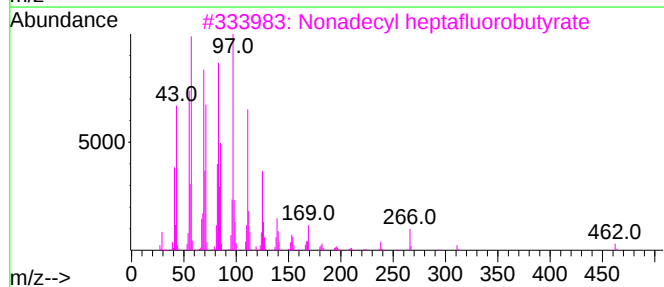
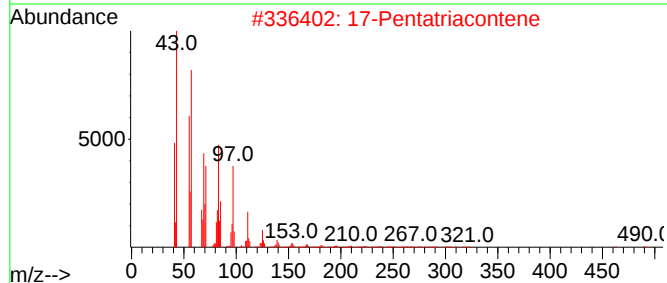
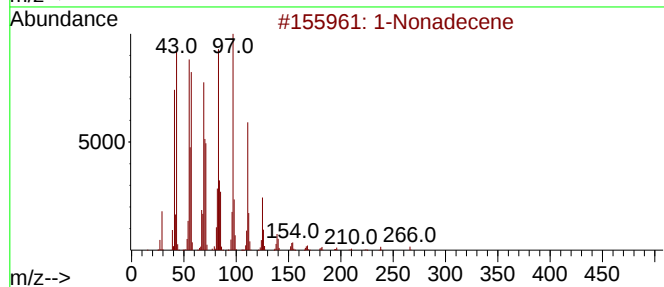
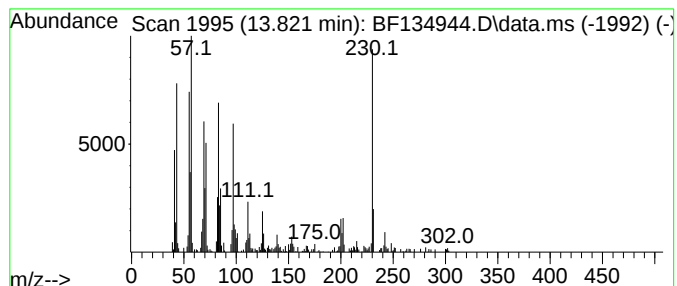
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	3.05 ng	172372	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	90
2			17-Pentatriacontene	491	C35H70	006971-40-0	60
3			Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	53
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	53
5			Hexacosyl propyl ether	424	C29H60O	1000406-28-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134944.D
Acq On : 25 Aug 2023 16:57
Operator : CG\JU
Sample : 04110-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-TP-19(0-1)

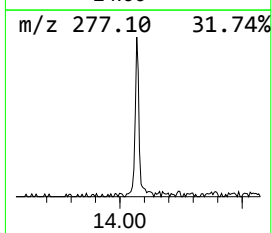
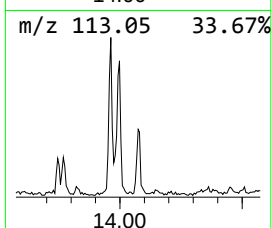
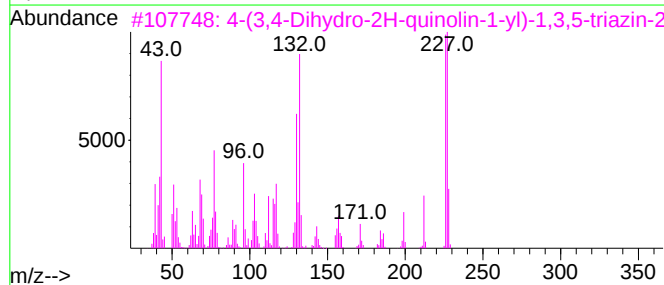
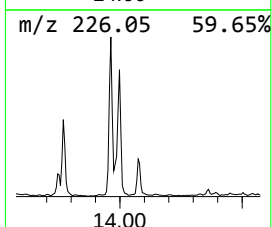
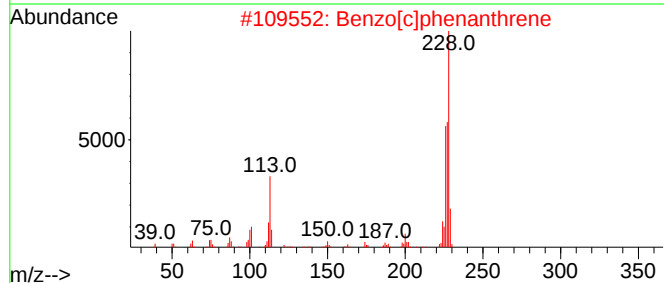
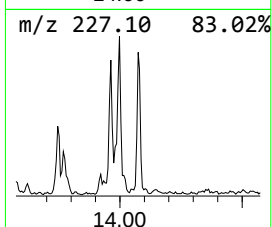
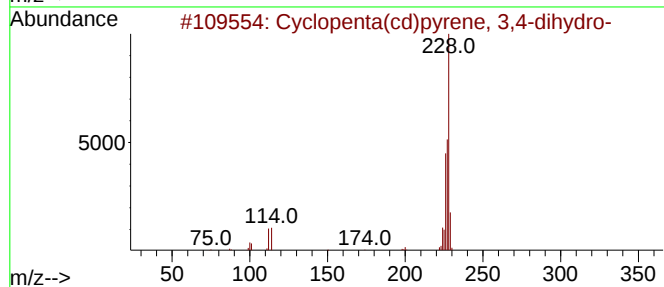
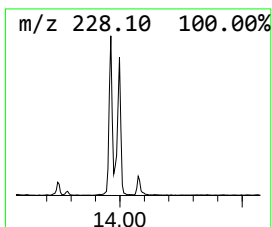
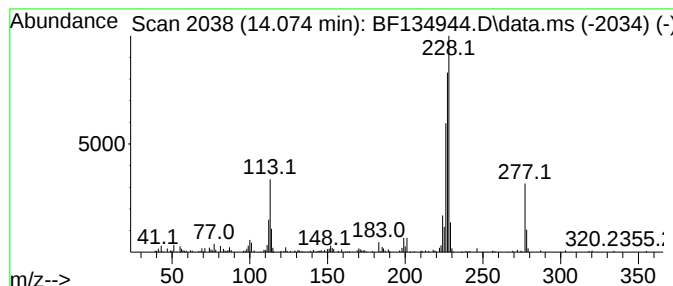
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.074	2.19 ng	124048	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	62
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
3			4-(3,4-Dihydro-2H-quinolin-1-yl)...	227	C12H13N5	1000409-41-0	38
4			Triphenylene	228	C18H12	000217-59-4	30
5			Chrysene	228	C18H12	000218-01-9	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134944.D
Acq On : 25 Aug 2023 16:57
Operator : CG\JU
Sample : 04110-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-19(0-1)

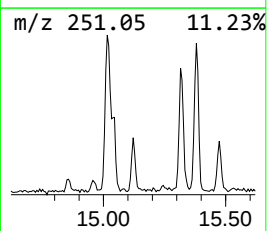
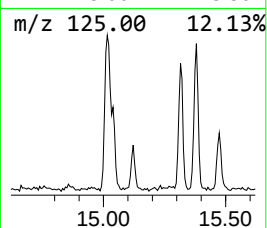
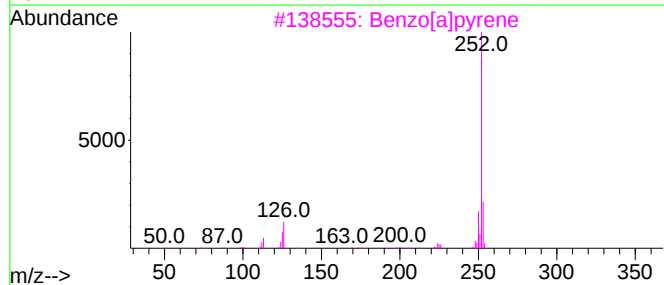
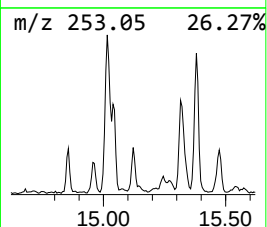
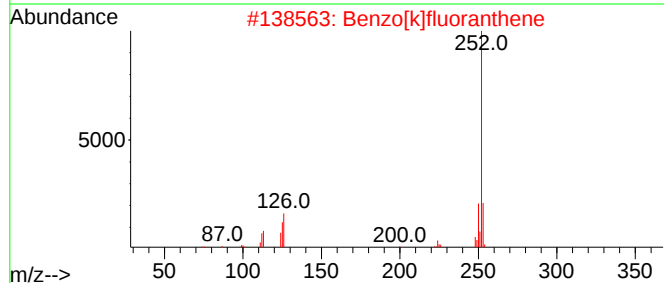
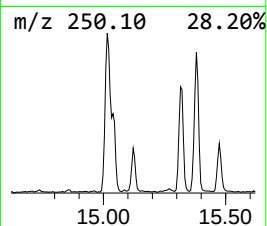
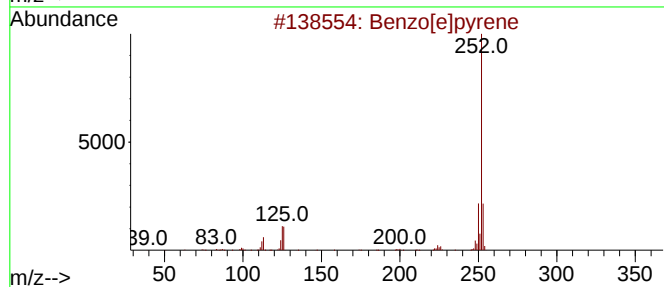
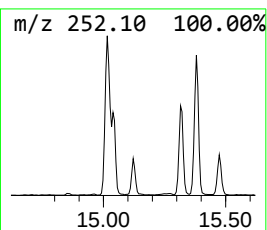
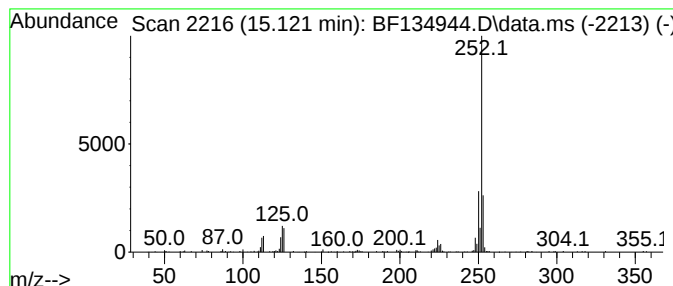
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	5.01 ng	110316	Perylene-d12	15.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134944.D
Acq On : 25 Aug 2023 16:57
Operator : CG\JU
Sample : 04110-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

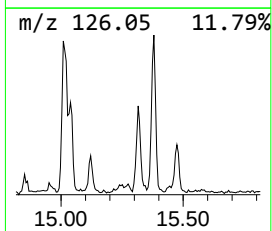
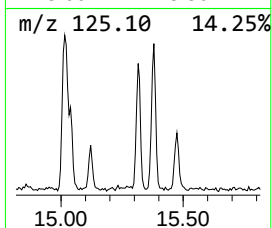
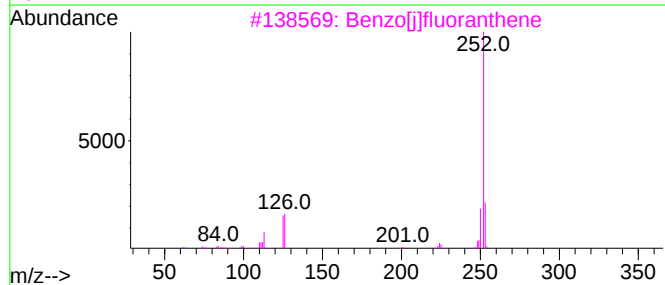
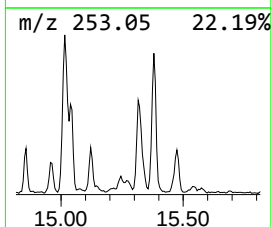
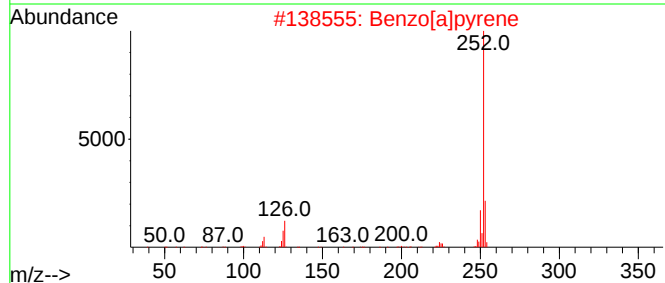
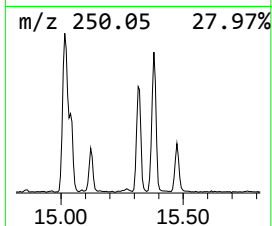
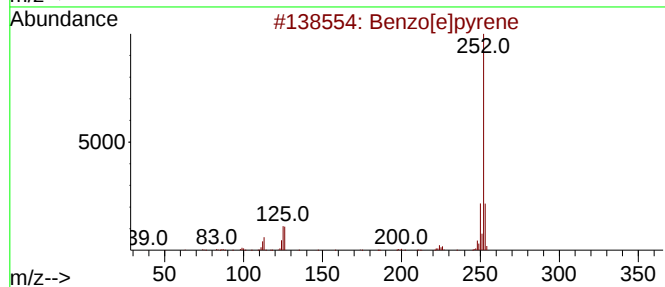
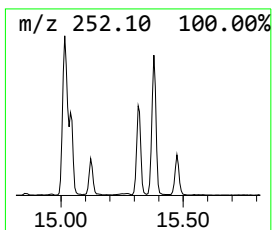
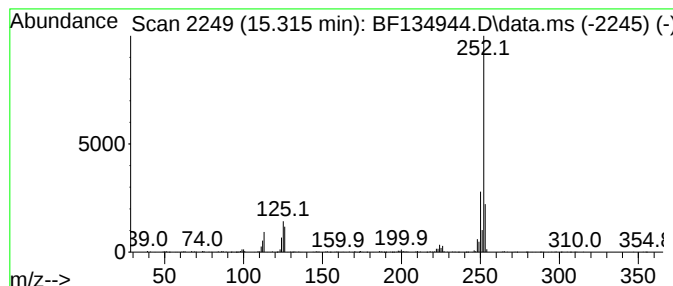
Instrument :
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ClientSampleId :
SS-TP-19(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.315	15.11 ng	332551	Perylene-d12		15.445	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene		252	C20H12	000192-97-2	94
2	Benzo[a]pyrene		252	C20H12	000050-32-8	93
3	Benzo[j]fluoranthene		252	C20H12	000205-82-3	93
4	Benzo[k]fluoranthene		252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene		252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134944.D
Acq On : 25 Aug 2023 16:57
Operator : CG\JU
Sample : 04110-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-19(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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
1'-Hydroxy-4,3'...	9.316	2.2	ng	69658	3	9.822	640729	20.0
Biphenylene	9.681	2.0	ng	65025	3	9.822	640729	20.0
Pentadecane, 2,...	10.751	3.3	ng	102346	4	11.316	627350	20.0
Phenanthrene, 2...	11.822	2.4	ng	74872	4	11.316	627350	20.0
Anthracene, 2-m...	11.851	6.7	ng	208473	4	11.316	627350	20.0
4H-Cyclopenta[d...	11.933	4.1	ng	128545	4	11.316	627350	20.0
Phenanthrene, 2...	12.374	2.3	ng	70962	4	11.316	627350	20.0
unknown12.416	12.416	2.4	ng	74843	4	11.316	627350	20.0
11H-Benzo[b]flu...	13.098	2.2	ng	122379	5	13.974	1130330	20.0
Cyclopenta[cd]p...	13.769	2.1	ng	118132	5	13.974	1130330	20.0
1-Nonadecene	13.821	3.0	ng	172372	5	13.974	1130330	20.0
Cyclopenta(cd)p...	14.074	2.2	ng	124048	5	13.974	1130330	20.0
Benzo[e]pyrene	15.121	5.0	ng	110316	6	15.445	440288	20.0
Benzo[j]fluoran...	15.315	15.1	ng	332551	6	15.445	440288	20.0