

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135122.D
 Acq On : 06 Sep 2023 06:35
 Operator : CG\JU
 Sample : 04219-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11939

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-BF083023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135122.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	10	14	26	rVB2	20589	37156	1.22%	0.125%
2	5.028	496	500	507	rVB	39423	55606	1.83%	0.187%
3	5.410	560	565	568	rBV	2960481	2935324	96.59%	9.861%
4	6.416	730	736	739	rBV	2668389	2908181	95.70%	9.769%
5	6.604	765	768	773	rBV	34683	38331	1.26%	0.129%
6	6.769	793	796	800	rBV	774442	674770	22.20%	2.267%
7	7.339	887	893	896	rBV	1956825	1903126	62.63%	6.393%
8	8.051	1009	1014	1017	rBV	1044906	886426	29.17%	2.978%
9	8.745	1128	1132	1140	rBV2	24385	33132	1.09%	0.111%
10	9.133	1192	1198	1201	rBV	3328971	3038857	100.00%	10.208%
11	9.245	1214	1217	1221	rVB	38950	36587	1.20%	0.123%
12	9.669	1286	1289	1294	rVB	41608	34442	1.13%	0.116%
13	9.810	1306	1313	1316	rBV	1021012	880265	28.97%	2.957%
14	9.839	1316	1318	1322	rVB	48165	39169	1.29%	0.132%
15	10.357	1403	1406	1409	rBV	43651	38595	1.27%	0.130%
16	10.604	1443	1448	1451	rBV	1588889	1565681	51.52%	5.260%
17	10.727	1465	1469	1473	rBV3	51378	70727	2.33%	0.238%
18	11.039	1517	1522	1524	rBV5	16723	32316	1.06%	0.109%
19	11.104	1530	1533	1537	rBV	92409	86402	2.84%	0.290%
20	11.198	1546	1549	1554	rVB2	57452	67161	2.21%	0.226%
21	11.257	1556	1559	1562	rBV2	32711	39414	1.30%	0.132%
22	11.298	1562	1566	1569	rVV	805581	817426	26.90%	2.746%
23	11.321	1569	1570	1575	rVV	502360	403184	13.27%	1.354%
24	11.374	1575	1579	1582	rVB	134025	123156	4.05%	0.414%
25	11.533	1601	1606	1609	rBV	63161	77554	2.55%	0.261%
26	11.763	1642	1645	1649	rBV4	22869	33502	1.10%	0.113%
27	11.804	1649	1652	1655	rBV	88883	80190	2.64%	0.269%
28	11.839	1655	1658	1663	rVV2	467904	441323	14.52%	1.483%
29	11.916	1668	1671	1674	rVV	129802	144209	4.75%	0.484%
30	11.939	1674	1675	1680	rVB	52854	35513	1.17%	0.119%
31	12.104	1700	1703	1705	rBV	63521	52239	1.72%	0.175%
32	12.127	1705	1707	1711	rVB	104539	92125	3.03%	0.309%
33	12.251	1723	1728	1731	rBV4	26516	40179	1.32%	0.135%
34	12.357	1740	1746	1750	rBV3	55834	89915	2.96%	0.302%
35	12.398	1750	1753	1758	rVB4	37725	63072	2.08%	0.212%
36	12.445	1758	1761	1765	rBV	82837	86732	2.85%	0.291%

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Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.521	1770	1774	1777	rBV	1299101	1071075	35.25%	3.598%
38	12.627	1787	1792	1795	rBV3	102339	118113	3.89%	0.397%
39	12.751	1807	1813	1816	rBV	961214	906448	29.83%	3.045%
40	12.798	1819	1821	1827	rVB2	58284	69666	2.29%	0.234%
41	12.868	1830	1833	1835	rBV	55427	60682	2.00%	0.204%
42	12.904	1835	1839	1842	rVV	2307124	2249996	74.04%	7.558%
43	12.974	1845	1851	1854	rBV3	70874	112102	3.69%	0.377%
44	13.057	1862	1865	1867	rBV3	63705	77484	2.55%	0.260%
45	13.080	1867	1869	1872	rVB	127768	114265	3.76%	0.384%
46	13.151	1872	1881	1883	rBV2	104102	160623	5.29%	0.540%
47	13.186	1883	1887	1889	rBV2	94175	100901	3.32%	0.339%
48	13.280	1900	1903	1905	rVB	45551	41805	1.38%	0.140%
49	13.310	1905	1908	1912	rBV2	51559	53379	1.76%	0.179%
50	13.480	1934	1937	1940	rBV4	29291	34389	1.13%	0.116%
51	13.592	1953	1956	1961	rVB	152094	143496	4.72%	0.482%
52	13.704	1971	1975	1978	rBV2	122963	138725	4.57%	0.466%
53	13.733	1978	1980	1982	rVV	84112	78236	2.57%	0.263%
54	13.757	1982	1984	1985	rVV	83214	71016	2.34%	0.239%
55	13.815	1989	1994	2001	rVB3	184917	342893	11.28%	1.152%
56	13.957	2010	2018	2021	rBV2	821110	1313678	43.23%	4.413%
57	13.986	2021	2023	2028	rVB	471303	427951	14.08%	1.438%
58	14.062	2033	2036	2038	rVB	81018	62641	2.06%	0.210%
59	14.345	2082	2084	2087	rVB	81831	71777	2.36%	0.241%
60	14.386	2087	2091	2094	rVB2	73610	94950	3.12%	0.319%
61	14.439	2097	2100	2102	rVV2	80673	81652	2.69%	0.274%
62	14.468	2102	2105	2107	rVV2	90106	104619	3.44%	0.351%
63	14.492	2107	2109	2112	rVB2	56920	52230	1.72%	0.175%
64	14.545	2116	2118	2123	rVB2	44947	54737	1.80%	0.184%
65	14.598	2124	2127	2131	rBV	152792	138885	4.57%	0.467%
66	14.657	2135	2137	2140	rVB	40043	34749	1.14%	0.117%
67	14.892	2174	2177	2183	rVB3	140183	163233	5.37%	0.548%
68	14.998	2191	2195	2198	rBV	441230	618740	20.36%	2.079%
69	15.086	2206	2210	2212	rBV2	82312	104871	3.45%	0.352%
70	15.121	2212	2216	2227	rVB2	124256	296989	9.77%	0.998%
71	15.304	2242	2247	2253	rVB	236194	299655	9.86%	1.007%
72	15.362	2253	2257	2263	rBV	299271	357661	11.77%	1.201%
73	15.427	2263	2268	2271	rVV	392175	483384	15.91%	1.624%
74	15.456	2271	2273	2281	rVB2	81379	122096	4.02%	0.410%
75	15.674	2308	2310	2314	rVB	51357	54605	1.80%	0.183%
76	15.915	2346	2351	2355	rBV	81758	130932	4.31%	0.440%

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.986	2359	2363	2369	rBV3	47527	94688	3.12%	0.318%
78	16.733	2484	2490	2497	rVB6	37947	97561	3.21%	0.328%
79	16.903	2513	2519	2526	rBV2	127140	254784	8.38%	0.856%
80	17.356	2589	2596	2608	rVB	129738	266229	8.76%	0.894%
81	18.550	2794	2799	2807	rVB	21772	57642	1.90%	0.194%

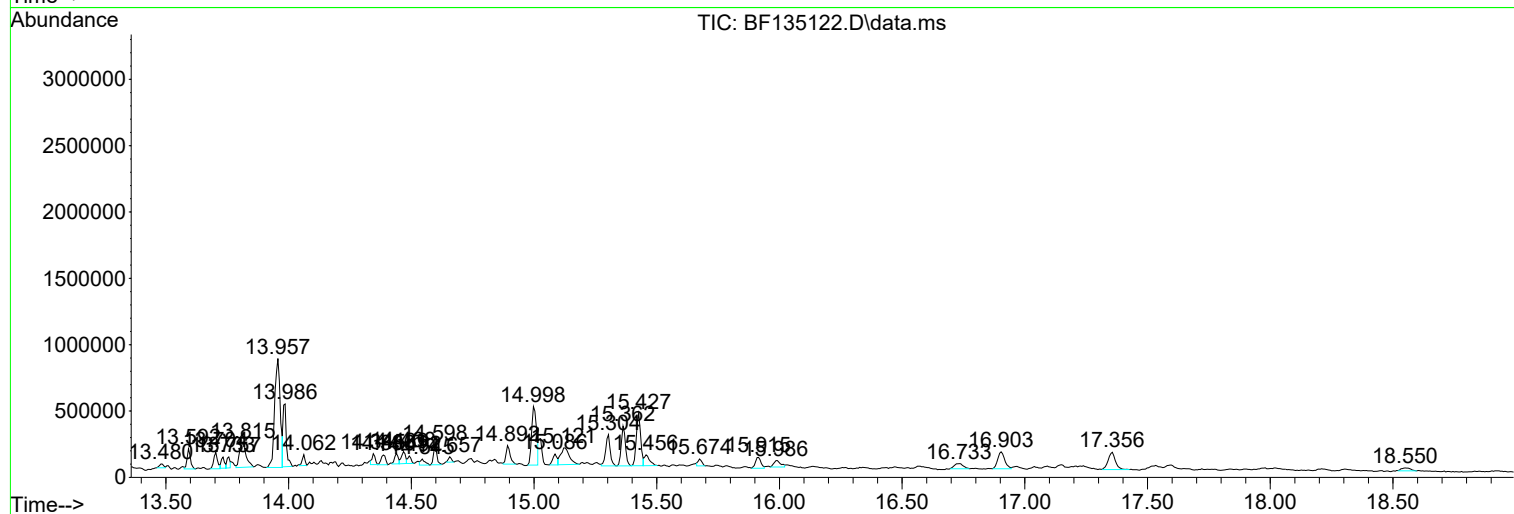
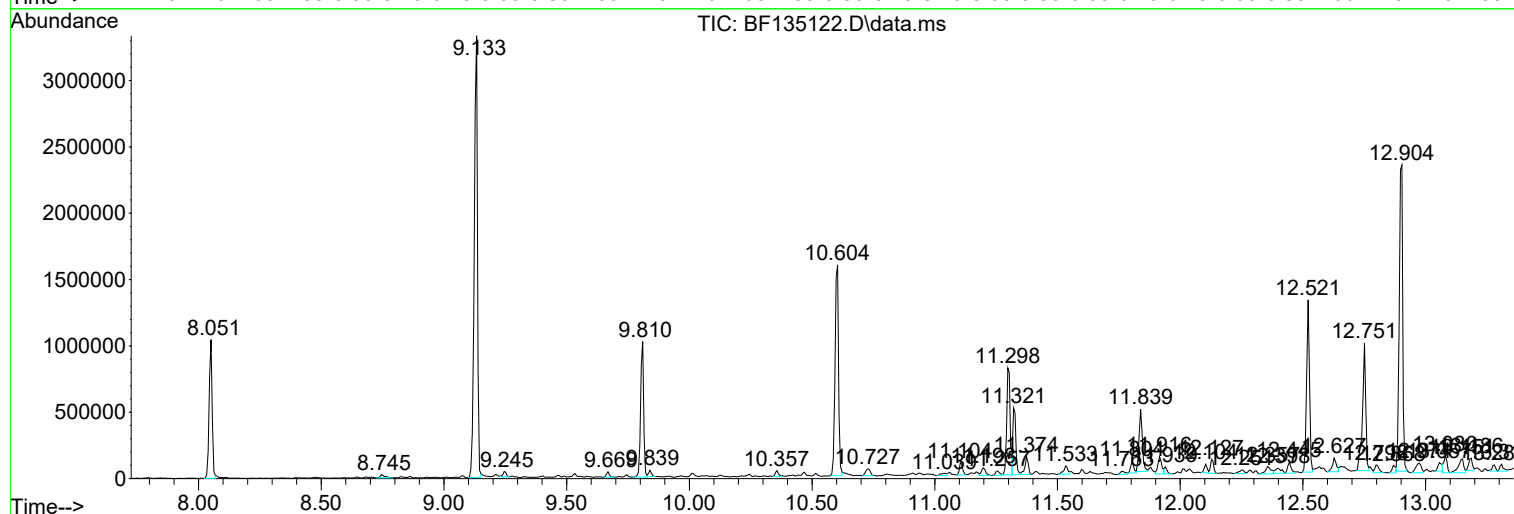
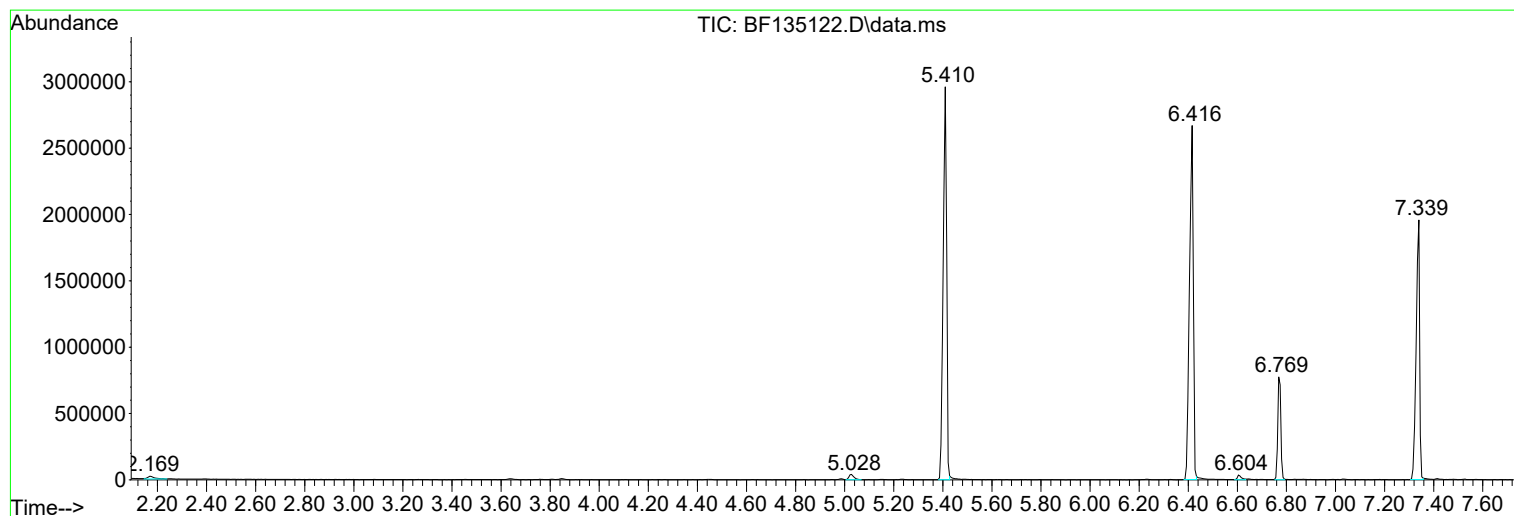
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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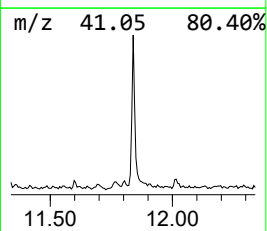
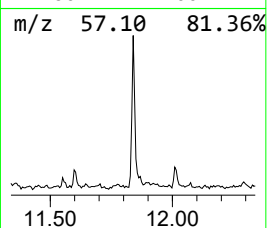
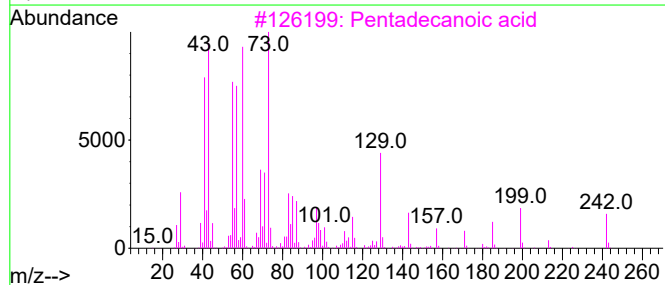
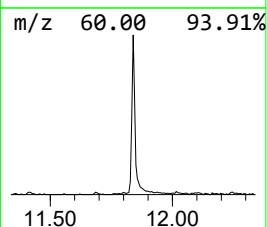
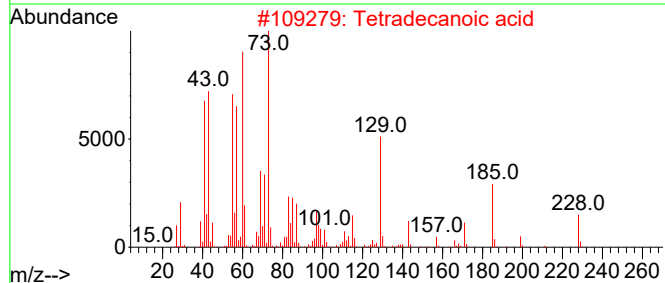
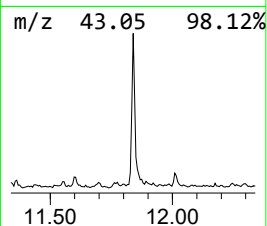
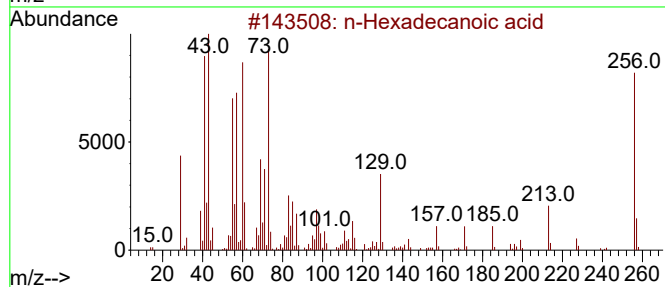
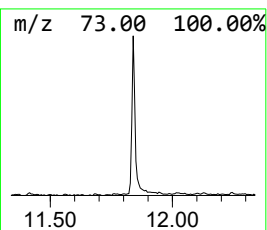
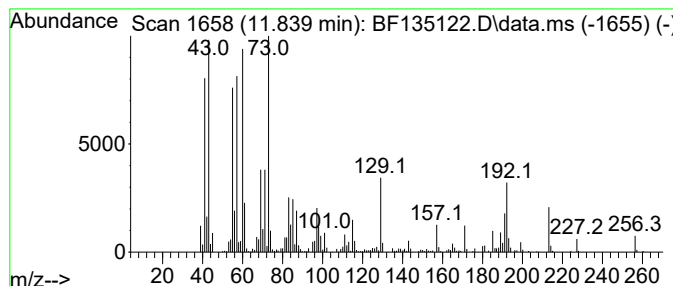
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	10.80 ng	441323	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Dodecanoic acid	200	C12H24O2	000143-07-7	72
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



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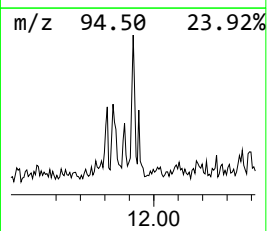
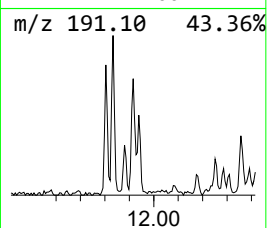
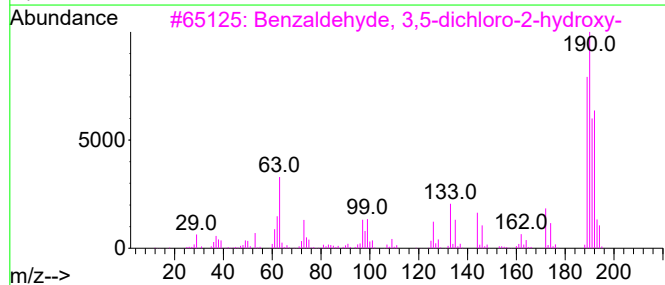
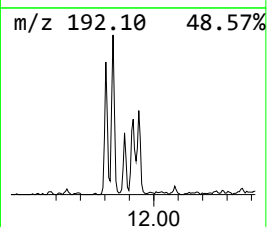
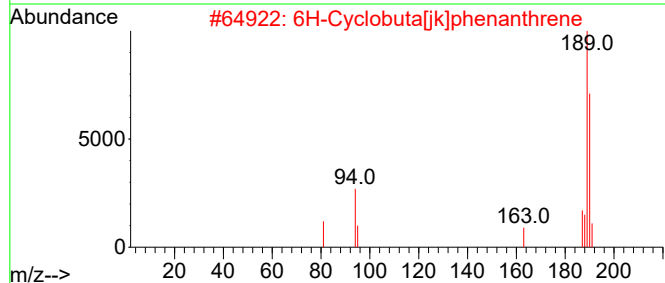
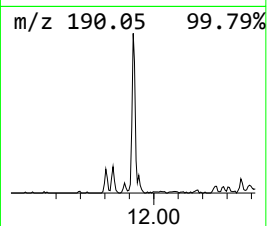
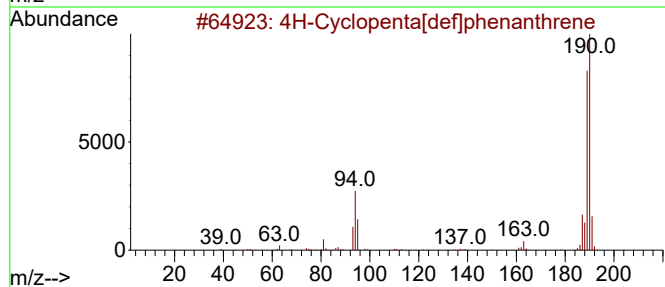
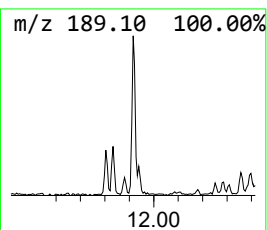
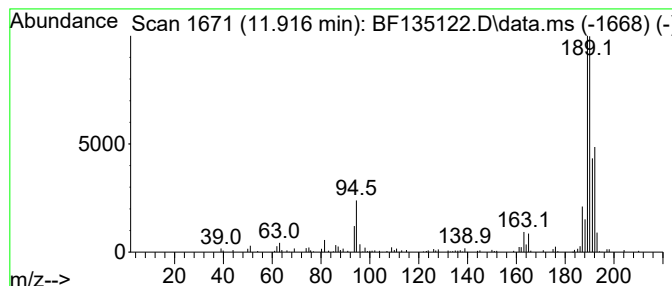
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.53 ng	144209	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5			2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25



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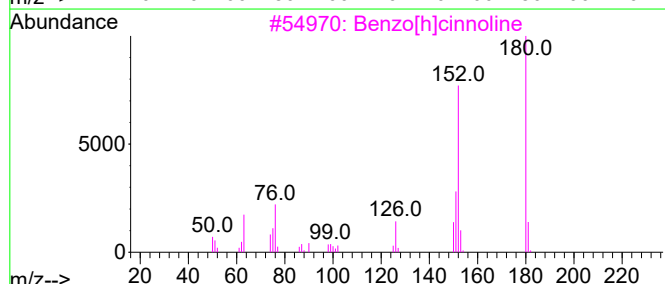
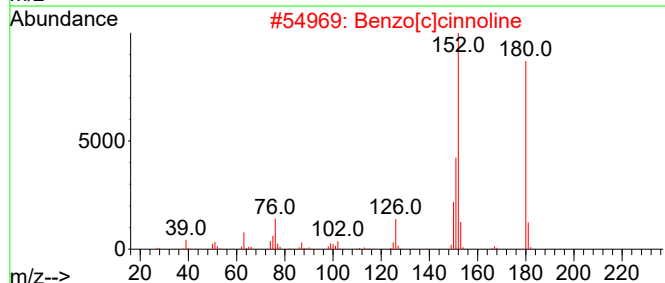
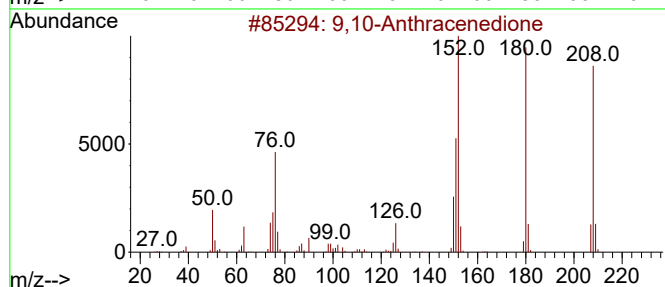
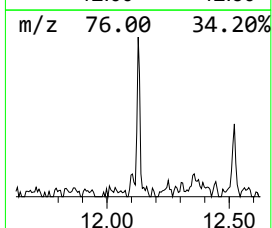
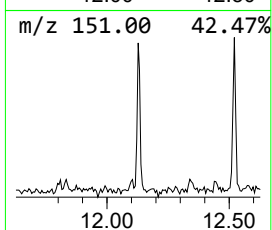
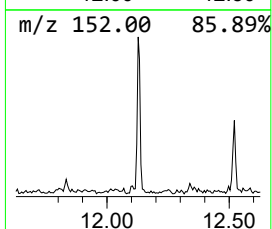
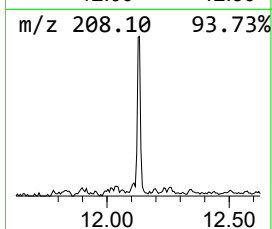
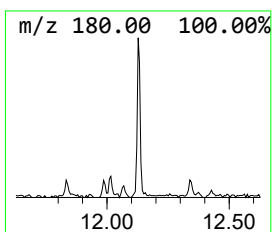
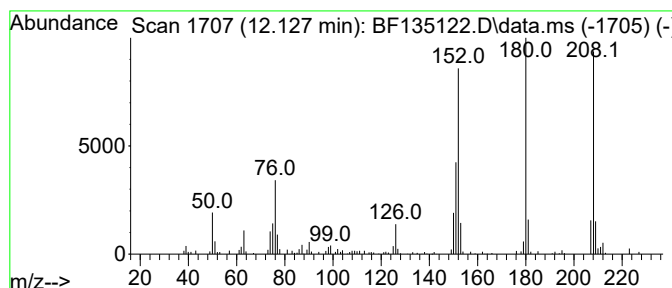
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.127	2.25 ng	92125	Phenanthrene-d10		11.298	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	86
3	Benzo[h]cinnoline		180	C12H8N2	000230-31-9	83
4	9H-Fluoren-9-one		180	C13H8O	000486-25-9	83
5	1H-Phenalen-1-one		180	C13H8O	000548-39-0	64



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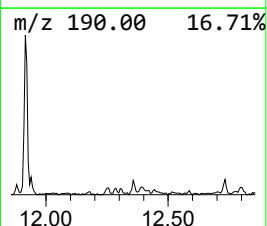
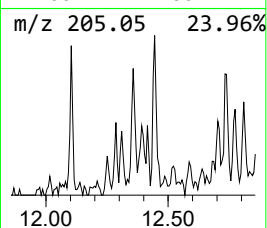
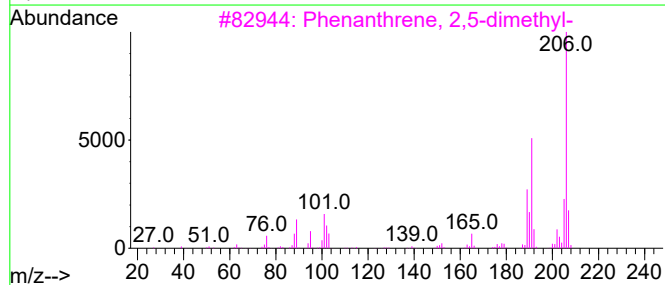
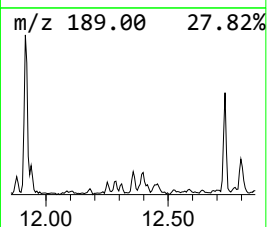
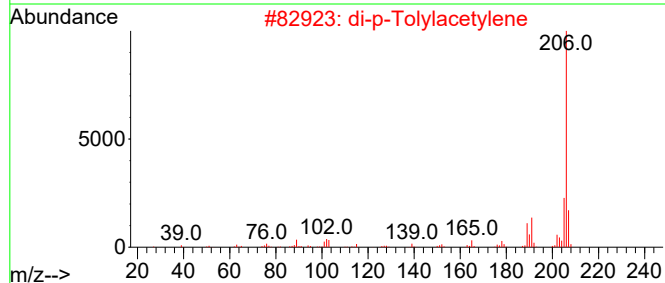
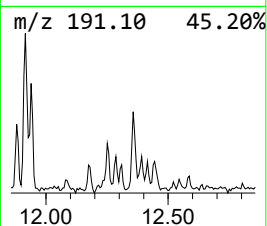
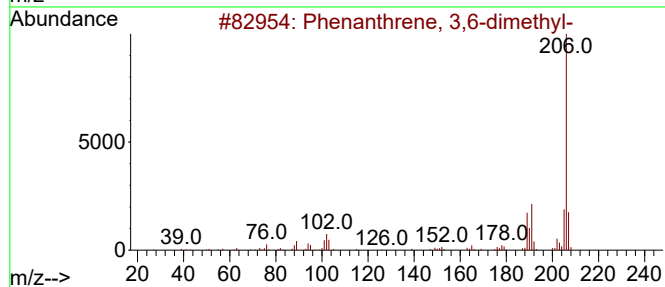
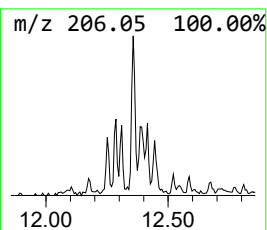
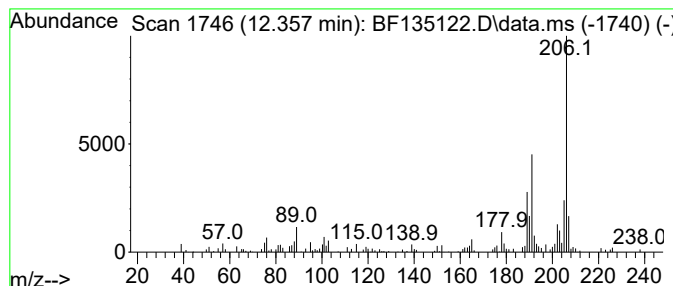
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	2.20 ng	89915	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135122.D
Acq On : 06 Sep 2023 06:35
Operator : CG\JU
Sample : 04219-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

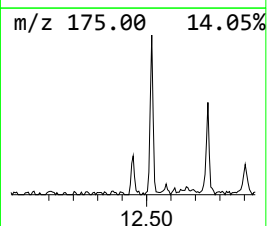
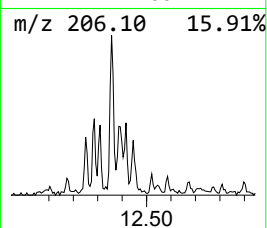
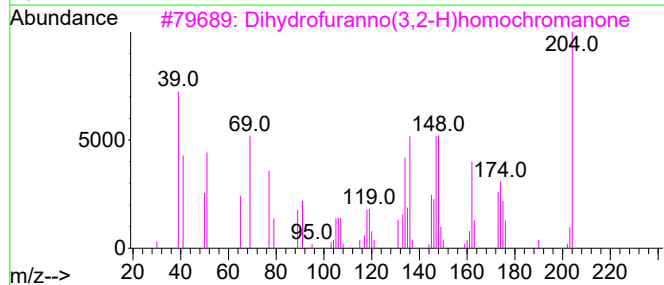
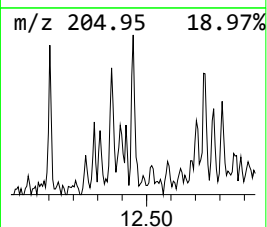
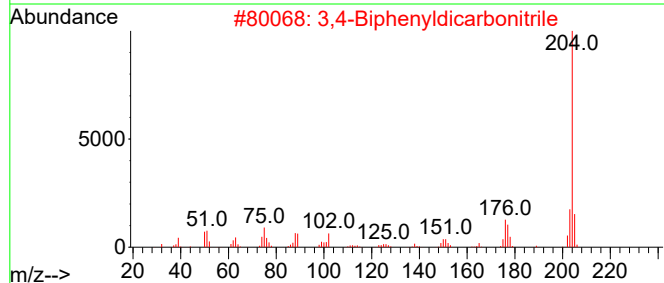
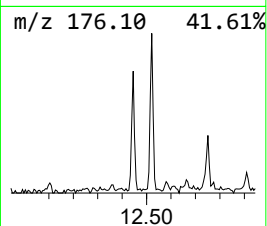
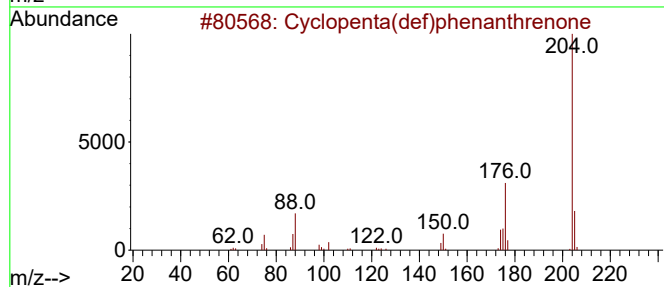
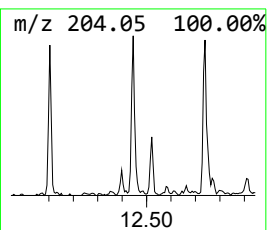
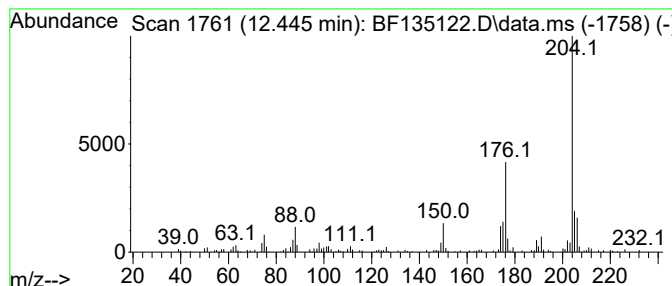
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ClientSampleId :
72-11939

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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 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.445	2.12 ng	86732	Phenanthrene-d10	11.298	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	43
5	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135122.D
Acq On : 06 Sep 2023 06:35
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Instrument :
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ClientSampleId :
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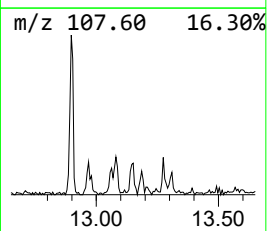
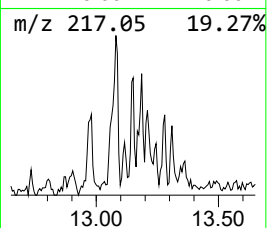
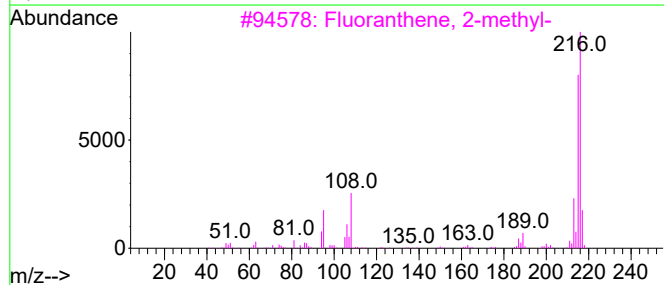
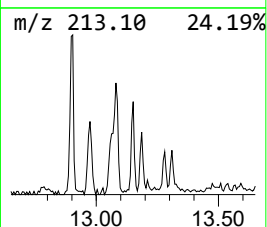
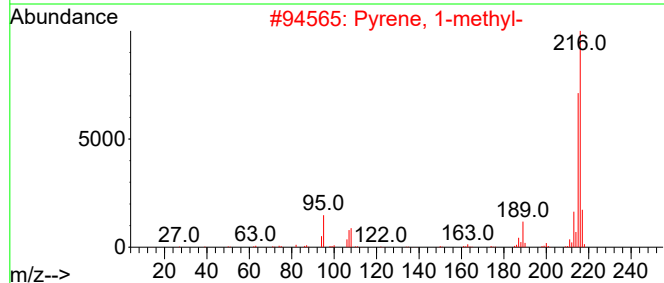
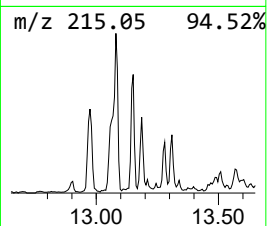
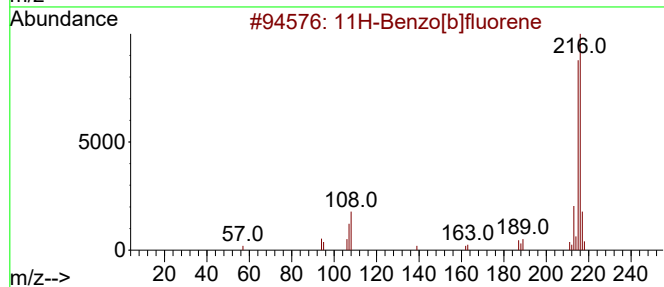
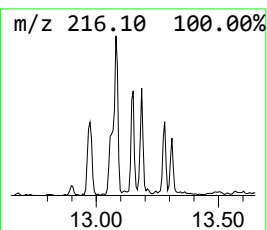
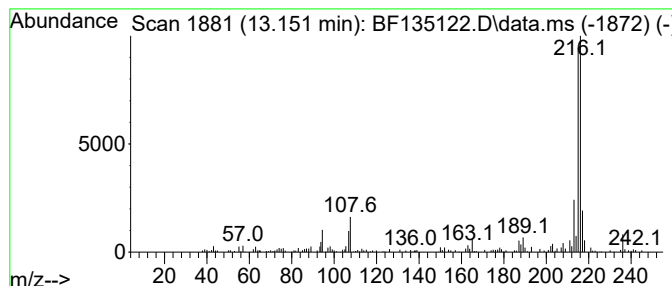
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	2.45 ng	160623	Chrysene-d12	13.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135122.D
Acq On : 06 Sep 2023 06:35
Operator : CG\JU
Sample : 04219-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

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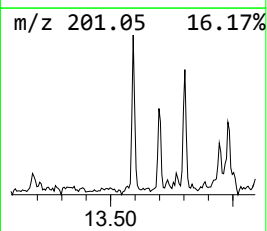
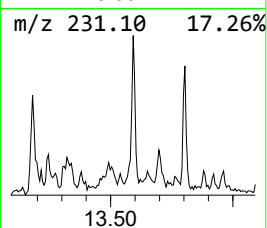
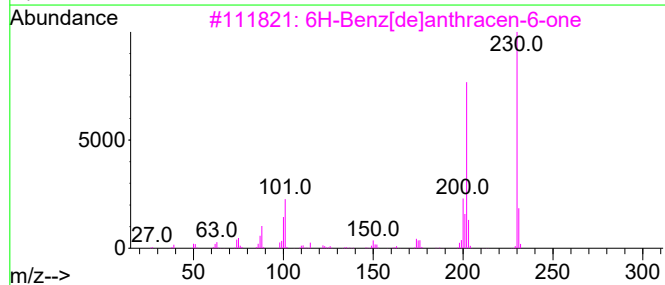
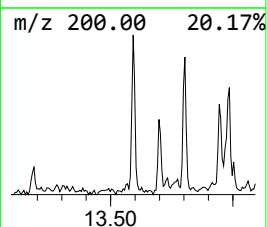
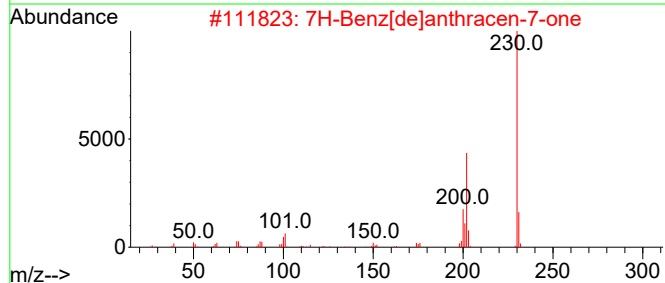
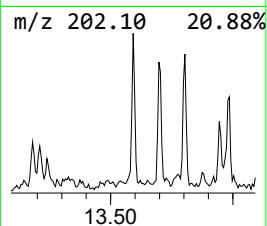
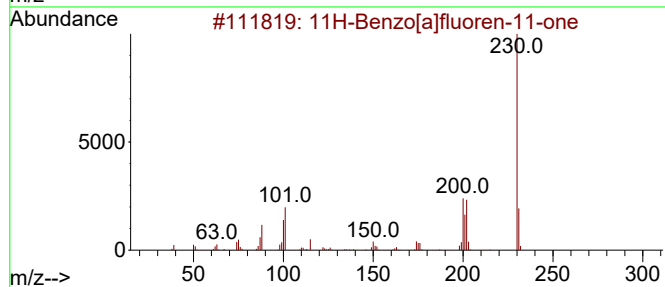
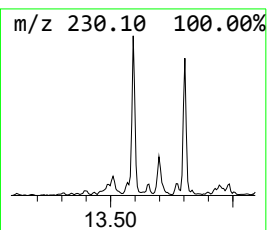
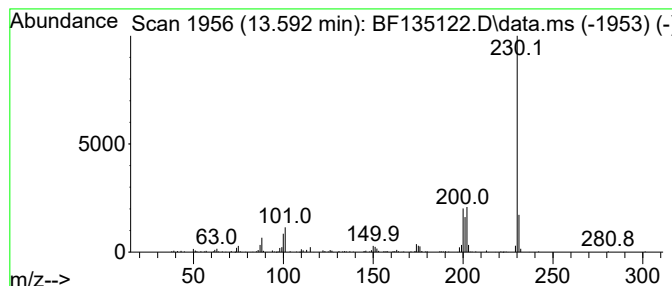
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.592	2.18 ng	143496	Chrysene-d12	13.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4			o-Terphenyl	230	C18H14	000084-15-1	58
5			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135122.D
Acq On : 06 Sep 2023 06:35
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Misc :
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Instrument :
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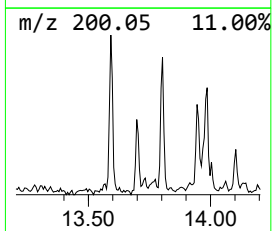
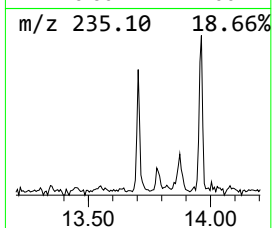
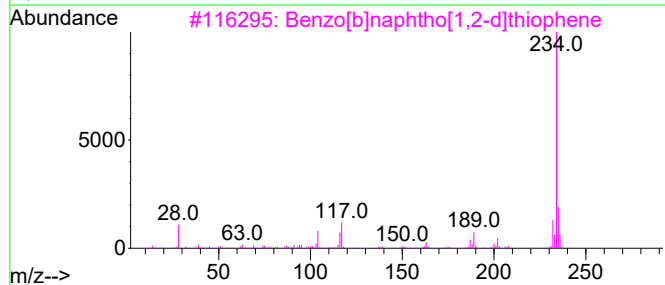
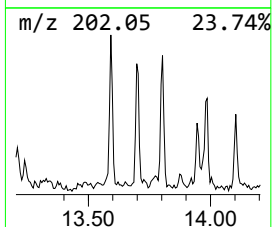
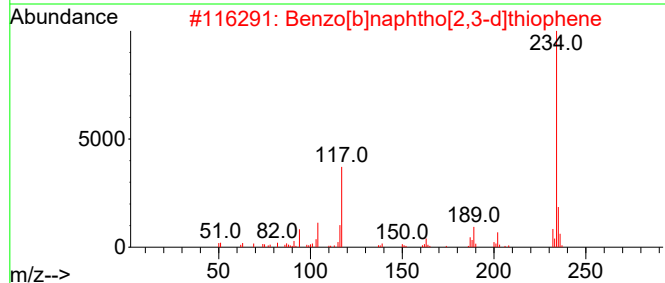
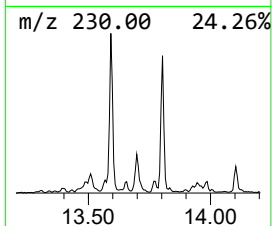
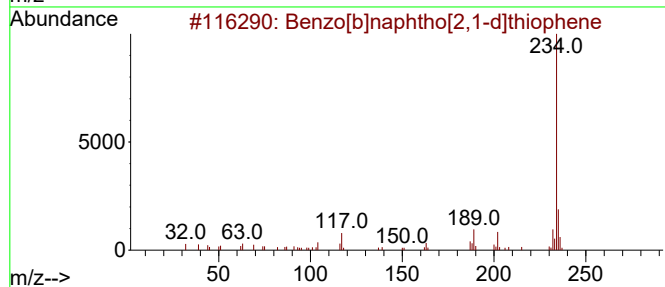
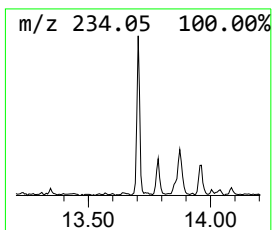
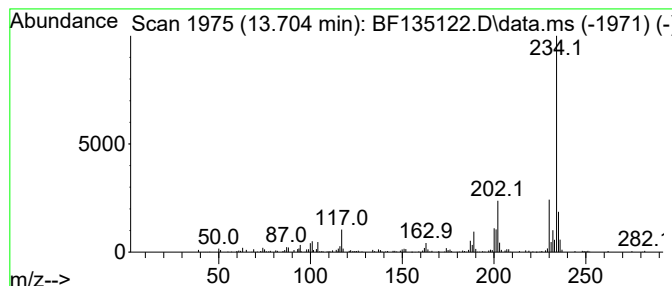
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	2.11 ng	138725	Chrysene-d12	13.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
4			pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	46
5			Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135122.D
Acq On : 06 Sep 2023 06:35
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Sample : 04219-02
Misc :
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Instrument :
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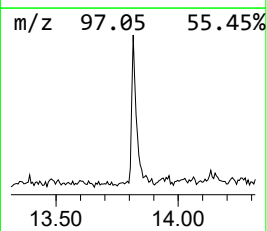
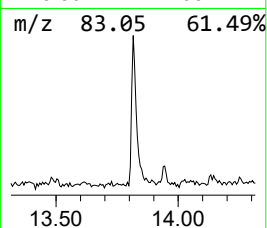
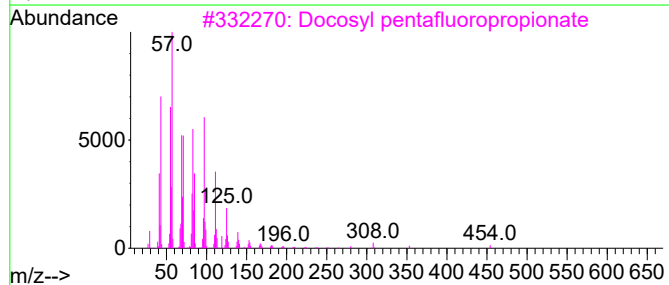
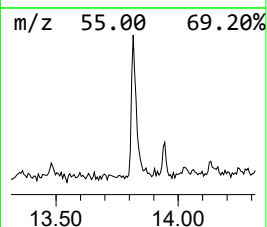
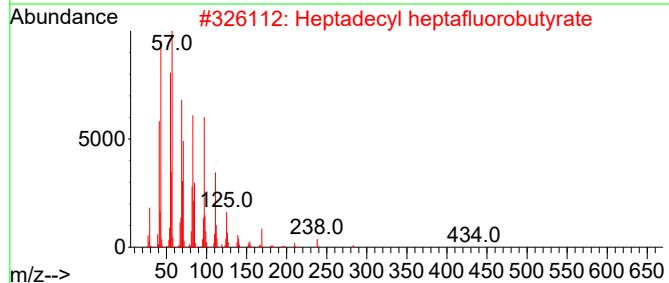
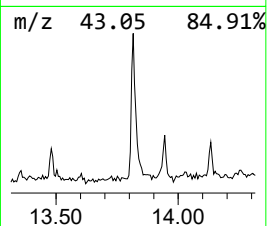
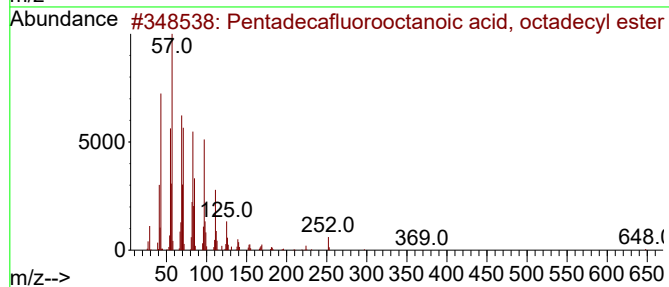
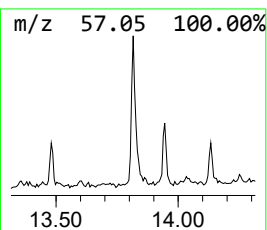
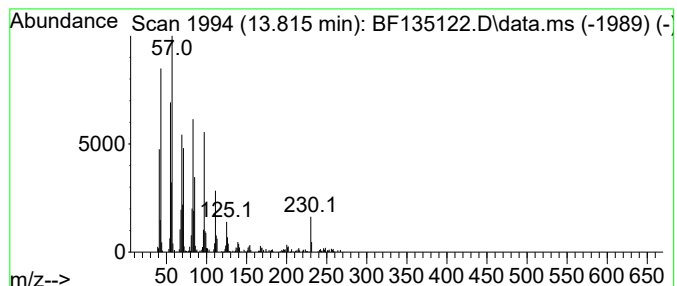
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.815	5.22 ng	342893	Chrysene-d12	13.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3			Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
4			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
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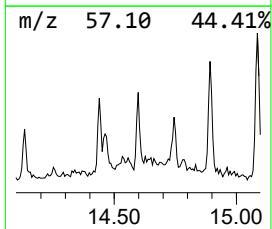
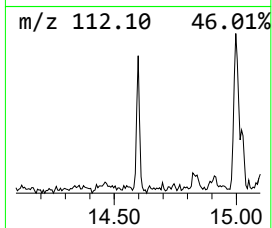
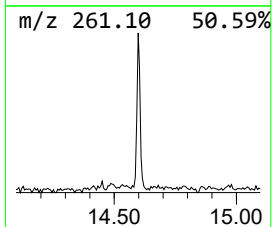
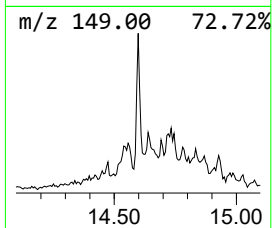
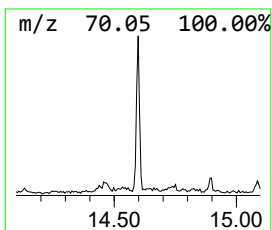
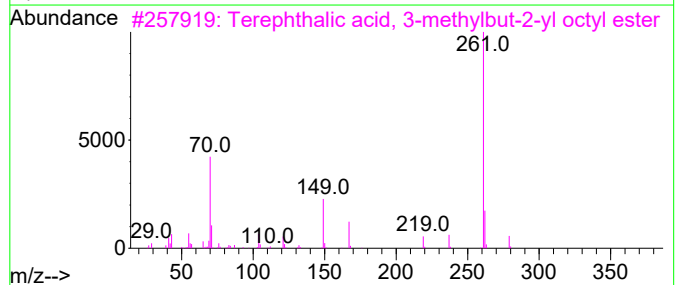
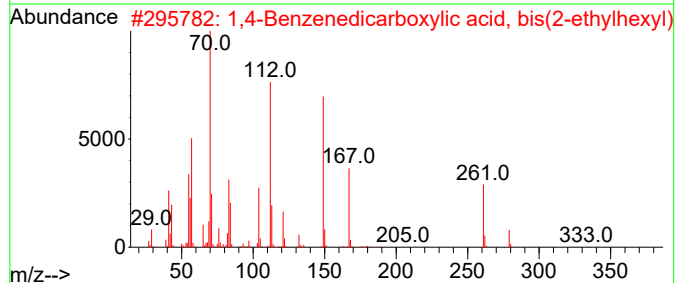
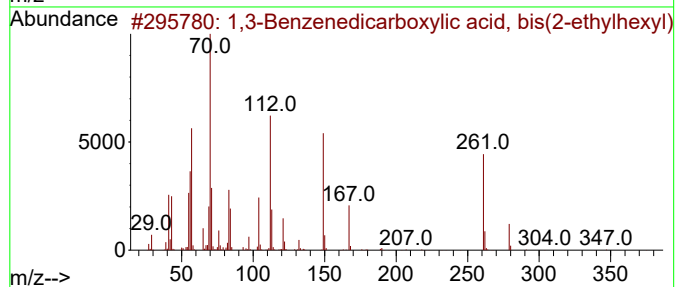
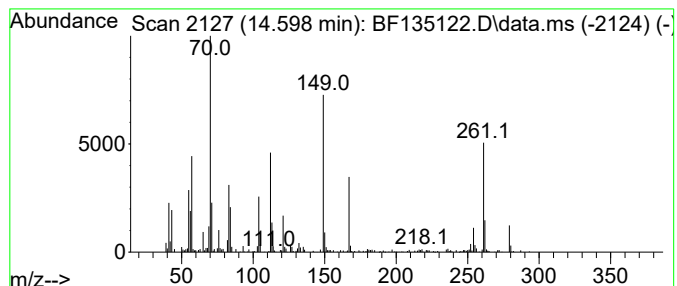
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,3-Benzenedicarboxylic aci... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.598	2.11 ng	138885	Chrysene-d12	13.957		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	64
2		1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
3		Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	46
4		Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	27
5		Terephthalic acid, 3-hexyl octyl...	362	C22H34O4	1000356-23-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135122.D
Acq On : 06 Sep 2023 06:35
Operator : CG\JU
Sample : 04219-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

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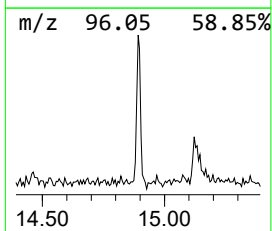
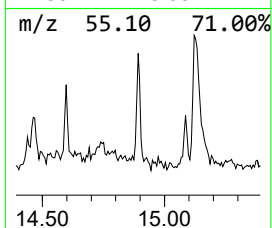
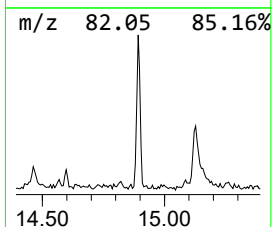
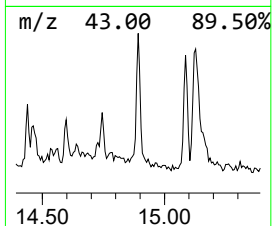
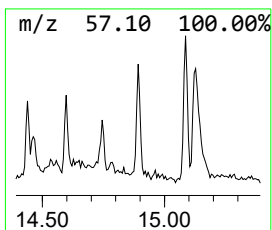
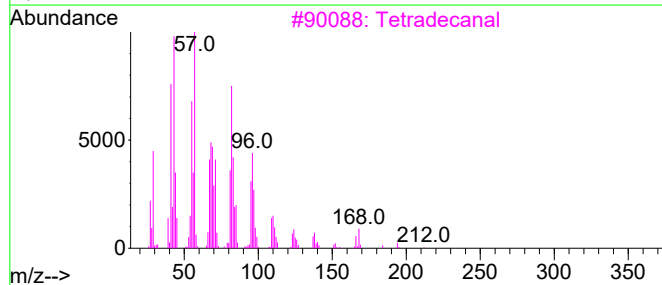
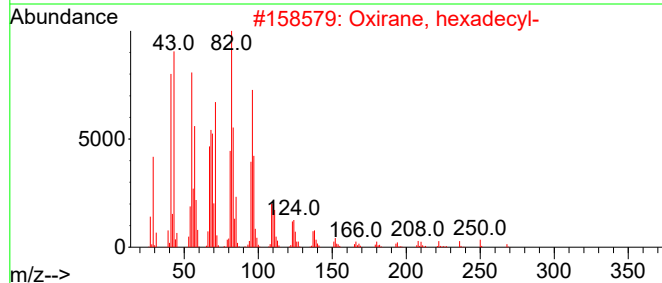
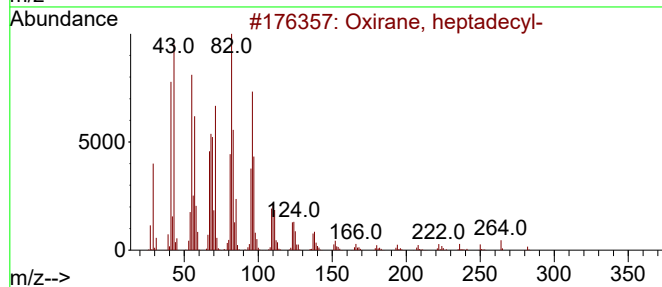
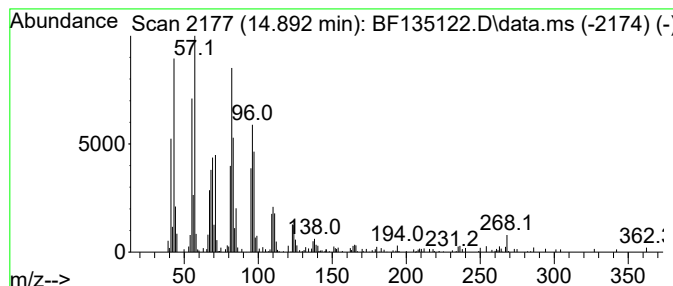
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Oxirane, heptadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.892	6.75 ng	163233	Perylene-d12	15.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3			Tetradecanal	212	C14H28O	000124-25-4	90
4			Octadecanal	268	C18H36O	000638-66-4	90
5			Oxirane, tridecyl-	226	C15H30O	018633-25-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
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ClientSampleId :
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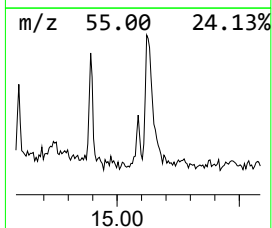
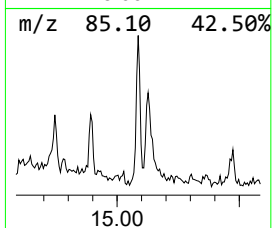
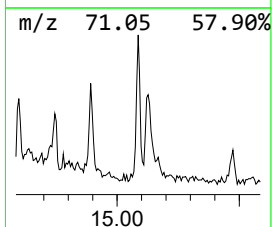
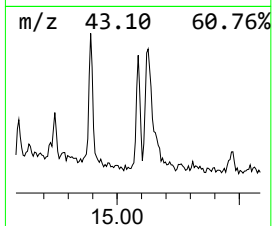
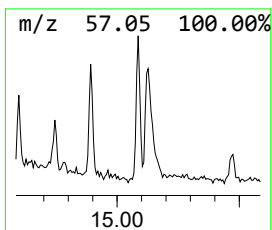
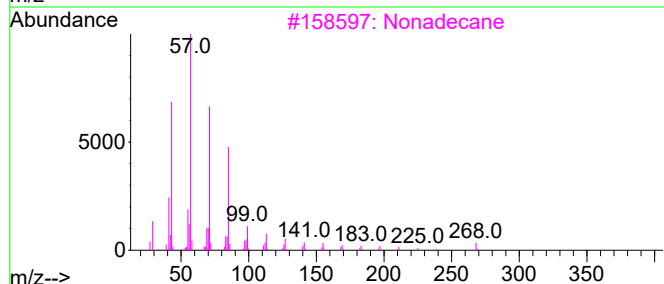
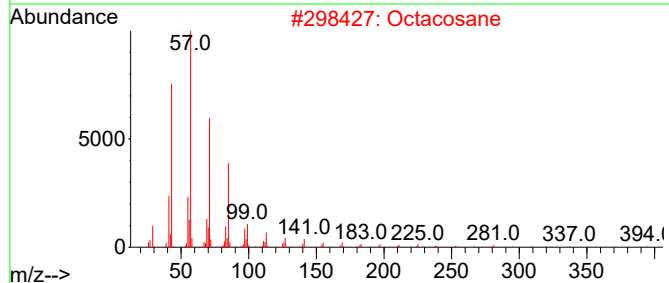
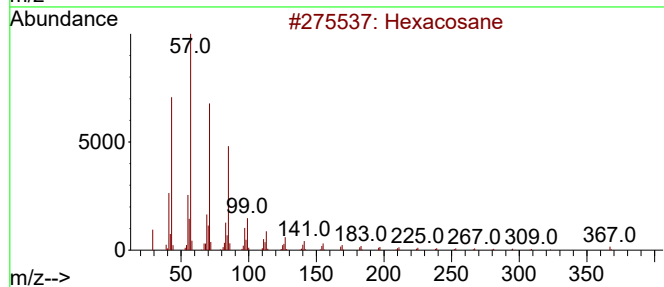
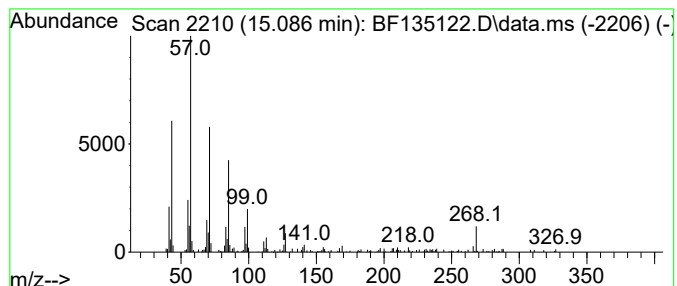
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	4.34 ng	104871	Perylene-d12	15.427

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexacosane	366	C26H54	000630-01-3	81
2		Octacosane	394	C28H58	000630-02-4	76
3		Nonadecane	268	C19H40	000629-92-5	76
4		Heptacosane	380	C27H56	000593-49-7	74
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
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Acq On : 06 Sep 2023 06:35
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Sample : 04219-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

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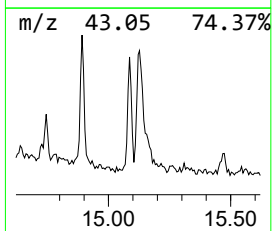
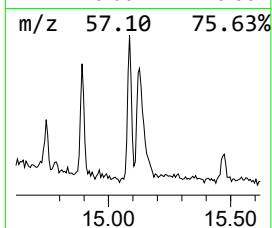
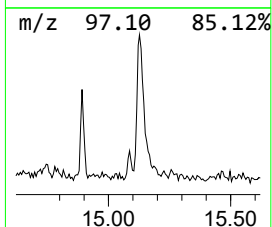
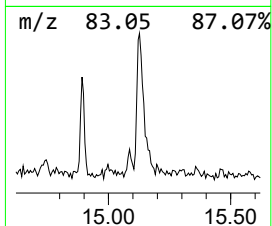
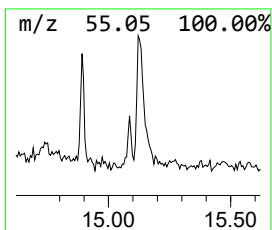
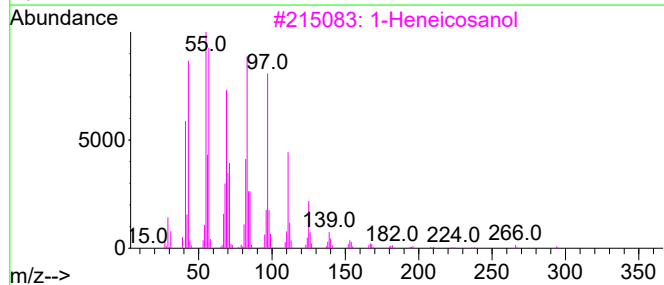
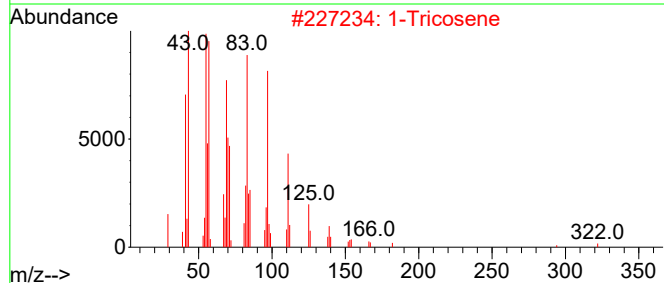
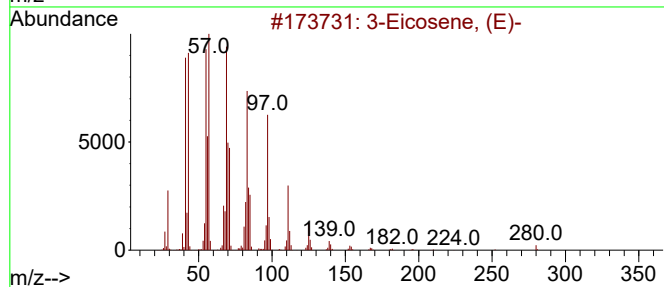
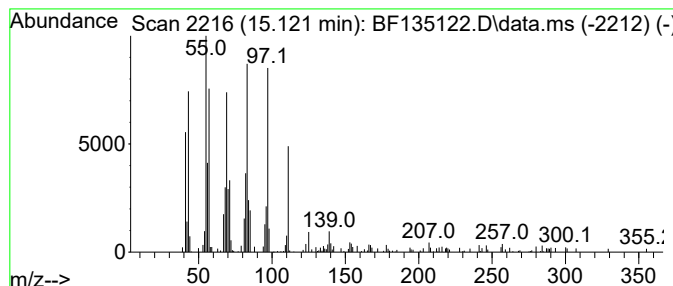
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	12.29 ng	296989	Perylene-d12	15.427

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Eicosene, (E)-	280	C20H40	074685-33-9	92
2		1-Tricosene	322	C23H46	018835-32-0	87
3		1-Heneicosanol	312	C21H44O	015594-90-8	87
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	86
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
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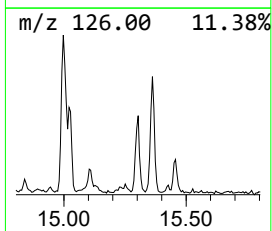
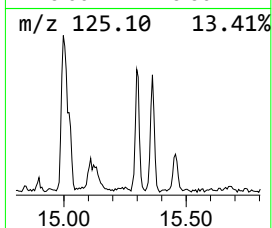
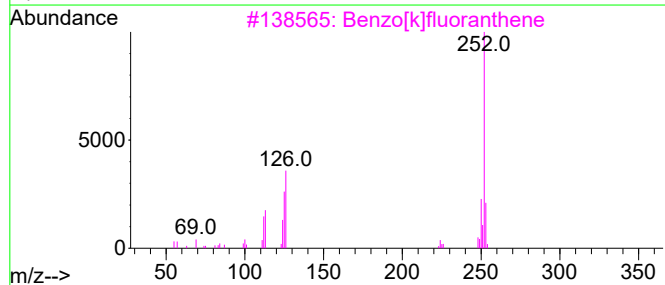
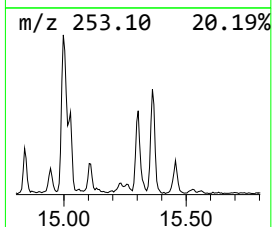
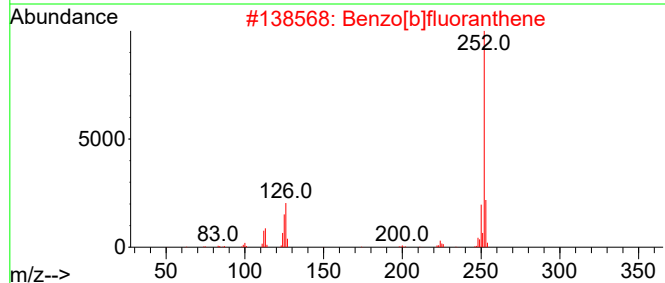
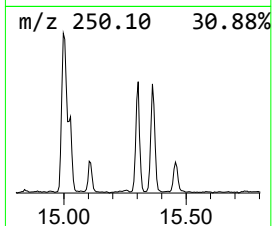
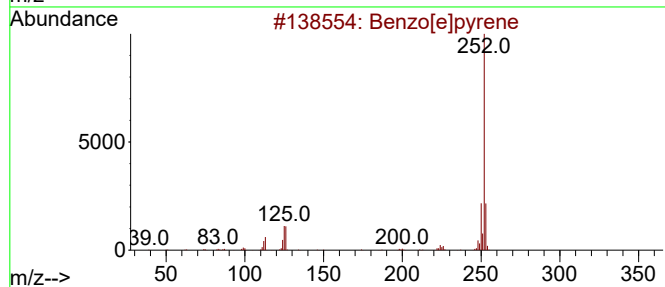
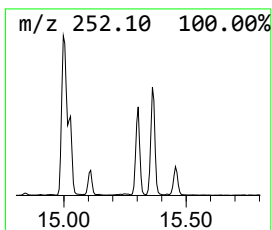
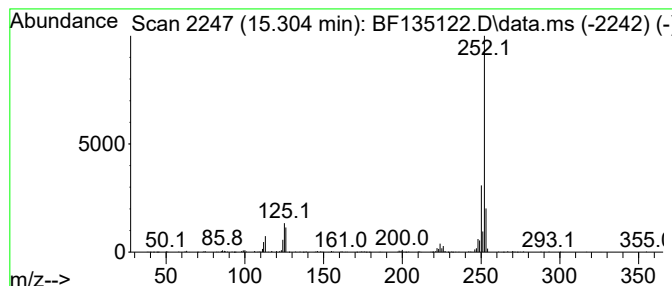
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	12.40 ng	299655	Perylene-d12	15.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Perylene	252	C20H12	000198-55-0	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
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Acq On : 06 Sep 2023 06:35
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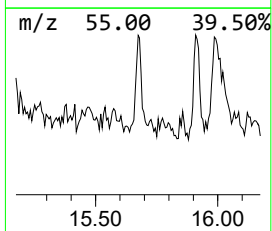
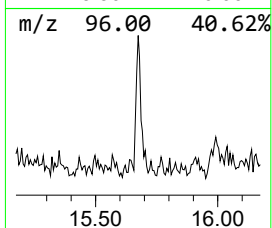
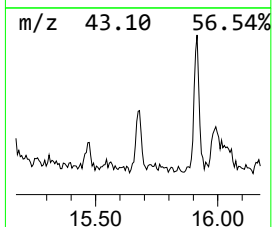
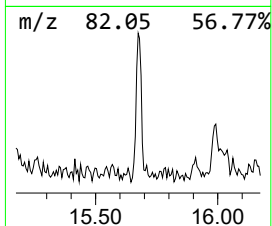
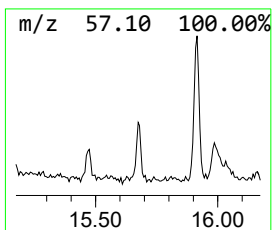
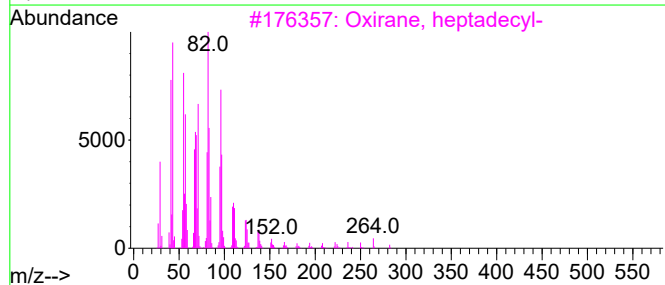
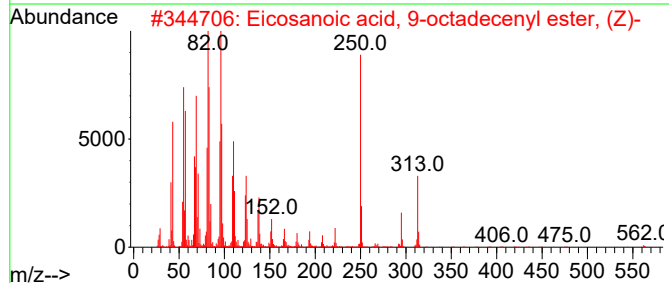
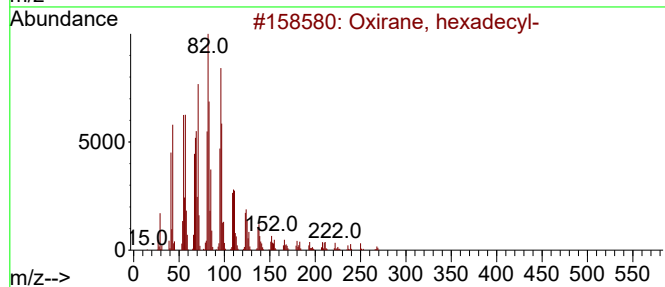
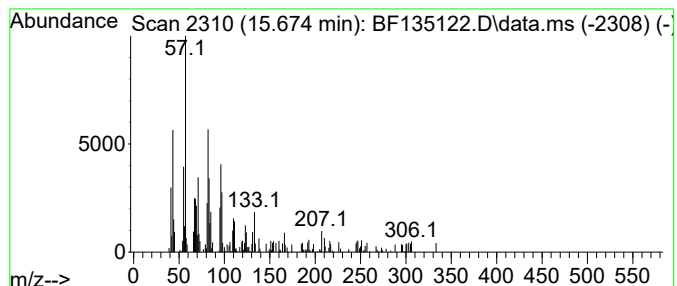
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Oxirane, hexadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.674	2.26 ng	54605	Perylene-d12	15.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
2			Eicosanoic acid, 9-octadecenyl e...	563	C38H74O2	022393-96-0	72
3			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	72
4			1,22-Docosanediol	342	C22H46O2	022513-81-1	64
5			E-13-Octadecen-1-ol acetate	310	C20H38O2	1000130-93-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
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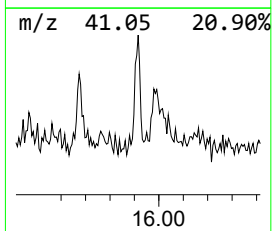
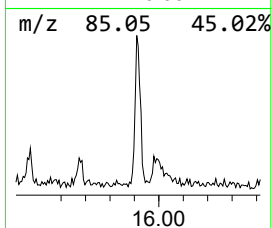
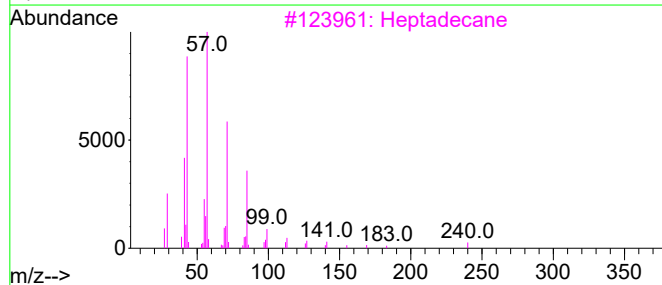
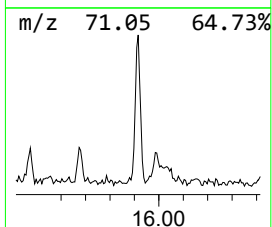
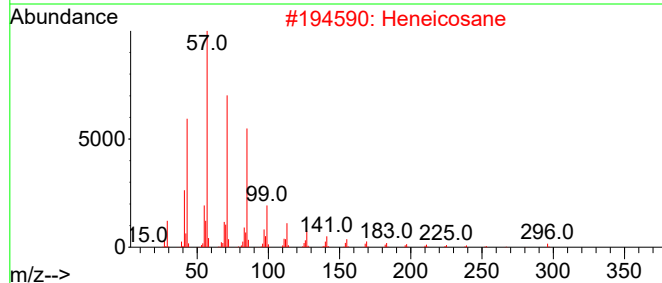
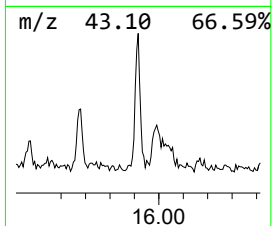
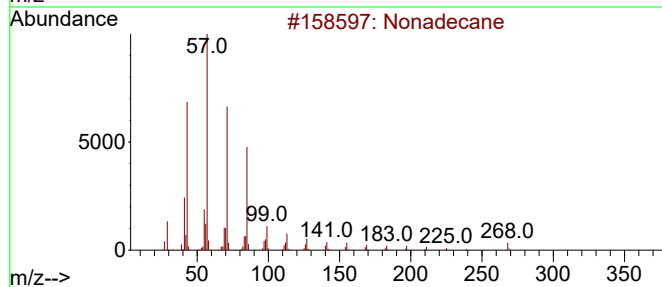
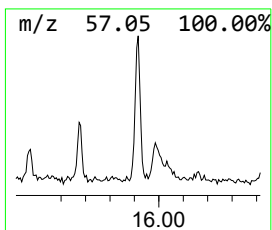
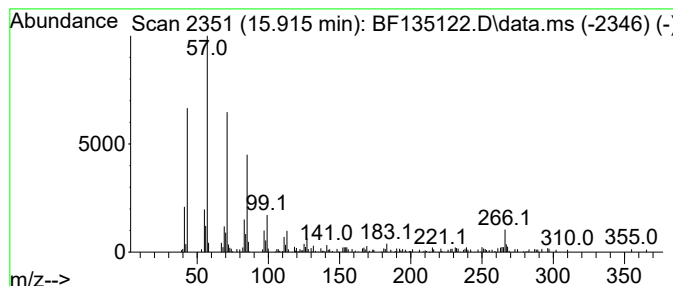
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.915	5.42 ng	130932	Perylene-d12	15.427

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	96
2		Heneicosane	296	C21H44	000629-94-7	95
3		Heptadecane	240	C17H36	000629-78-7	93
4		Docosane	310	C22H46	000629-97-0	93
5		4-Methylheneicosane	310	C22H46	025117-29-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135122.D
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Sample : 04219-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

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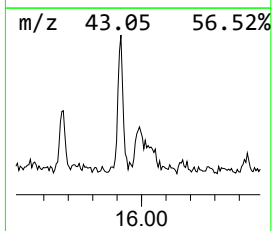
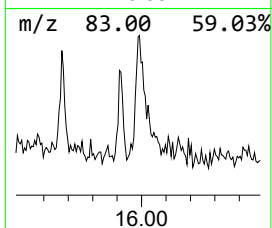
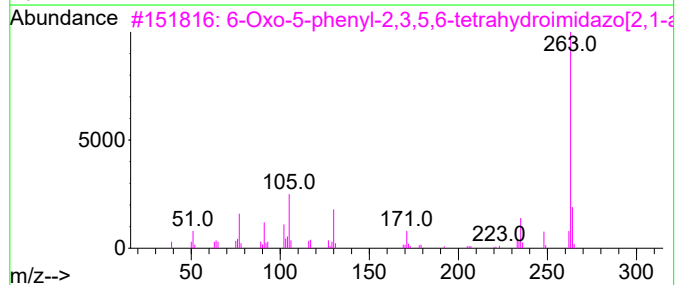
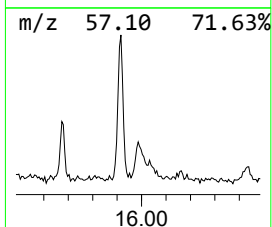
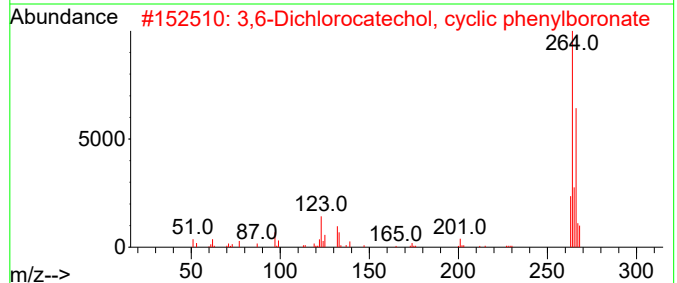
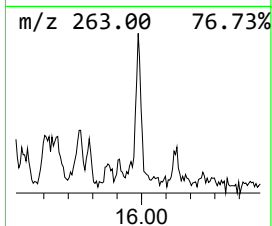
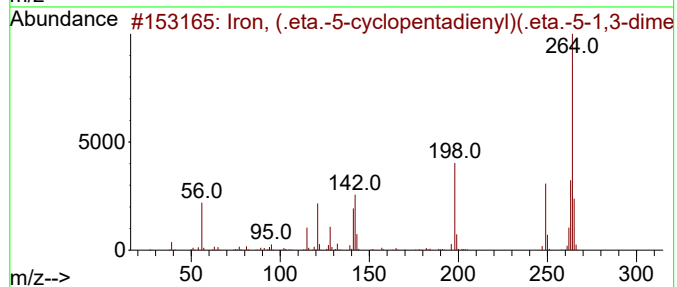
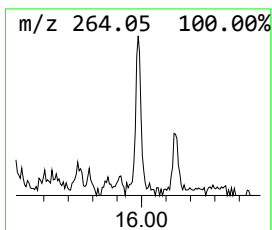
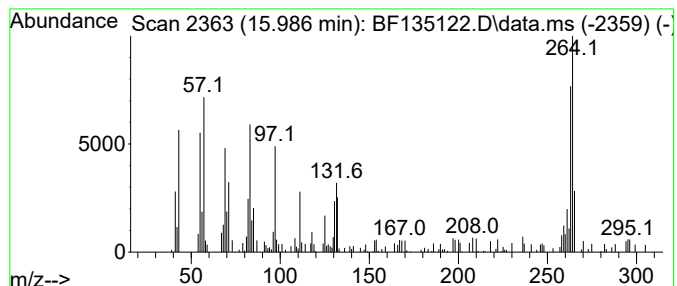
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.986 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	3.92 ng	94688	Perylene-d12	15.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	27
2			3,6-Dichlorocatechol, cyclic phe...	264	C12H7BCl2O2	1000293-25-1	27
3			6-Oxo-5-phenyl-2,3,5,6-tetrahydr...	263	C16H13N3O	087365-22-8	22
4			Phenothiazine, 2-chloro-8-methoxy-	263	C13H10ClNOS	017800-09-8	22
5			3,4,4'-Triaminodiphenylsulfone	263	C12H13N3O2S	017828-44-3	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135122.D
Acq On : 06 Sep 2023 06:35
Operator : CG\JU
Sample : 04219-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

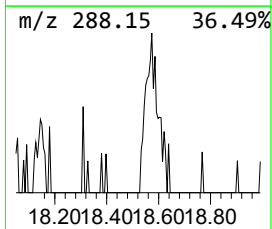
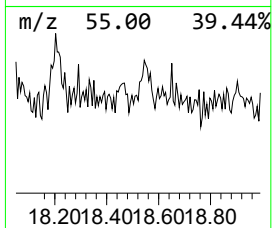
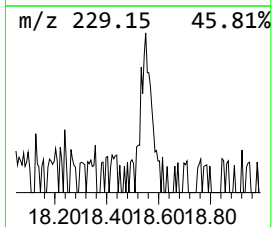
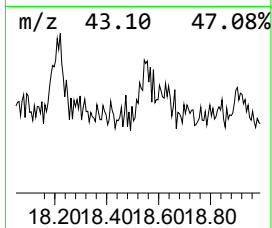
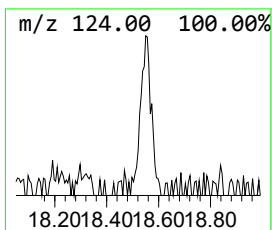
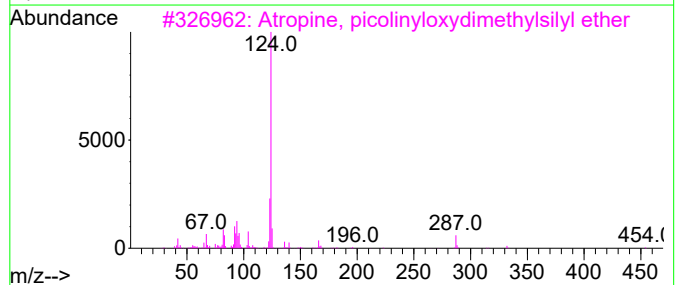
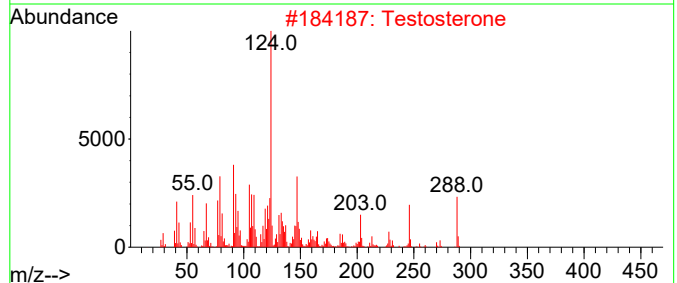
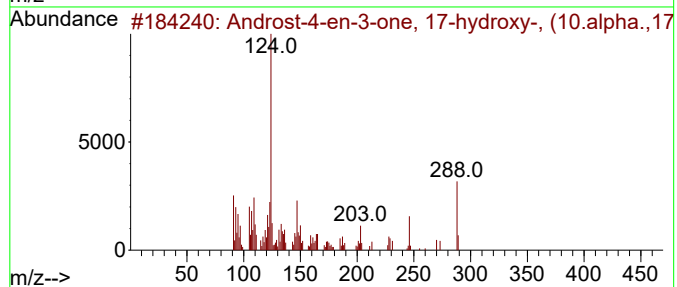
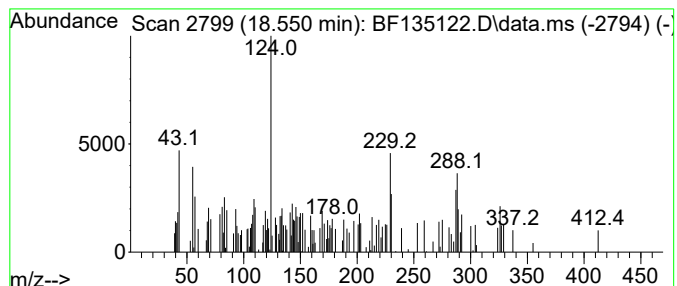
Instrument :
BNA_F
ClientSampleId :
72-11939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.550 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.550	2.38 ng	57642	Perylene-d12	15.427	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	38
2	Testosterone	288	C19H28O2	000058-22-0	30
3	Atropine, picolinylxydimethylsi...	454	C25H34N2O4Si	1000352-41-3	27
4	(S)-Hyoscyamine	289	C17H23NO3	000101-31-5	27
5	3-[2-(4-Fluoroanilino)-2-oxoetho...	289	C15H12FN04	723245-50-9	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
Data File : BF135122.D
Acq On : 06 Sep 2023 06:35
Operator : CG\JU
Sample : 04219-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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
n-Hexadecanoic ...	11.839	10.8	ng	441323	4	11.298	817426	20.0
4H-Cyclopenta[d]...	11.916	3.5	ng	144209	4	11.298	817426	20.0
9,10-Anthracene...	12.127	2.3	ng	92125	4	11.298	817426	20.0
Phenanthrene, 3...	12.357	2.2	ng	89915	4	11.298	817426	20.0
Cyclopenta(def)...	12.445	2.1	ng	86732	4	11.298	817426	20.0
11H-Benzo[b]flu...	13.151	2.5	ng	160623	5	13.957	1313680	20.0
11H-Benzo[a]flu...	13.592	2.2	ng	143496	5	13.957	1313680	20.0
Benzo[b]naphtho...	13.704	2.1	ng	138725	5	13.957	1313680	20.0
Pentadecafluoro...	13.815	5.2	ng	342893	5	13.957	1313680	20.0
1,3-Benzenedica...	14.598	2.1	ng	138885	5	13.957	1313680	20.0
Oxirane, heptad...	14.892	6.8	ng	163233	6	15.427	483384	20.0
Hexacosane	15.086	4.3	ng	104871	6	15.427	483384	20.0
3-Eicosene, (E)-	15.121	12.3	ng	296989	6	15.427	483384	20.0
Benzo[e]pyrene	15.304	12.4	ng	299655	6	15.427	483384	20.0
Oxirane, hexade...	15.674	2.3	ng	54605	6	15.427	483384	20.0
Nonadecane	15.915	5.4	ng	130932	6	15.427	483384	20.0
unknown15.986	15.986	3.9	ng	94688	6	15.427	483384	20.0
unknown18.550	18.550	2.4	ng	57642	6	15.427	483384	20.0