

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135870.D
 Acq On : 19 Oct 2023 02:59
 Operator : CG\JU
 Sample : 04767-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1(0-5)

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-BF101323.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135870.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.334	379	382	388	rBV2	15947	28938	1.78%	0.160%
2	4.957	485	488	504	rBV	137623	200920	12.33%	1.114%
3	5.375	556	559	578	rBV	1335673	1548907	95.05%	8.584%
4	6.393	729	732	756	rBV	1489179	1629568	100.00%	9.031%
5	6.740	787	791	798	rBV	477247	449538	27.59%	2.491%
6	7.304	884	887	898	rBV	1142972	1065971	65.41%	5.908%
7	7.992	1000	1004	1005	rBV	23306	18012	1.11%	0.100%
8	8.016	1005	1008	1010	rVV	707559	536362	32.91%	2.973%
9	8.039	1010	1012	1016	rVB	126720	108859	6.68%	0.603%
10	8.604	1105	1108	1112	rBV	55140	41095	2.52%	0.228%
11	8.734	1127	1130	1137	rBV	65921	59540	3.65%	0.330%
12	8.834	1143	1147	1150	rBV	36991	35287	2.17%	0.196%
13	9.034	1179	1181	1184	rVB	25985	17824	1.09%	0.099%
14	9.092	1188	1191	1195	rBV	1846934	1597834	98.05%	8.855%
15	9.169	1199	1204	1207	rBV	92196	79273	4.86%	0.439%
16	9.210	1207	1211	1215	rVB2	28956	37375	2.29%	0.207%
17	9.363	1233	1237	1242	rBV3	24033	35121	2.16%	0.195%
18	9.434	1245	1249	1252	rBV	35469	41425	2.54%	0.230%
19	9.463	1252	1254	1257	rVV2	18069	25680	1.58%	0.142%
20	9.492	1257	1259	1261	rVB	33852	25230	1.55%	0.140%
21	9.551	1266	1269	1275	rBV2	25237	27201	1.67%	0.151%
22	9.639	1280	1284	1288	rBV	45577	48956	3.00%	0.271%
23	9.704	1292	1295	1298	rBV	109632	88386	5.42%	0.490%
24	9.775	1303	1307	1310	rVV	648462	524674	32.20%	2.908%
25	9.804	1310	1312	1320	rVB	64978	65571	4.02%	0.363%
26	9.875	1321	1324	1329	rVB4	15955	20250	1.24%	0.112%
27	9.933	1329	1334	1337	rBV6	16817	26238	1.61%	0.145%
28	9.981	1340	1342	1346	rVV	78488	76559	4.70%	0.424%
29	10.022	1346	1349	1353	rVB3	35808	35582	2.18%	0.197%
30	10.092	1358	1361	1364	rBV2	13656	18763	1.15%	0.104%
31	10.204	1377	1380	1383	rVB	129460	95633	5.87%	0.530%
32	10.328	1397	1401	1407	rBV	123099	110200	6.76%	0.611%
33	10.422	1413	1417	1423	rBV	42827	61964	3.80%	0.343%
34	10.486	1424	1428	1430	rVB2	26610	26217	1.61%	0.145%
35	10.575	1439	1443	1453	rVB	580795	594538	36.48%	3.295%
36	10.681	1458	1461	1466	rBV	139532	183307	11.25%	1.016%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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37	10.875	1490	1494	1498	rBV3	30617	47265	2.90%	0.262%
38	11.004	1511	1516	1518	rBV4	18835	21269	1.31%	0.118%
39	11.128	1533	1537	1540	rBV2	96687	90330	5.54%	0.501%
40	11.163	1540	1543	1550	rVB2	63130	85872	5.27%	0.476%
41	11.269	1558	1561	1563	rBV	525724	442137	27.13%	2.450%
42	11.292	1563	1565	1569	rVV	606291	563308	34.57%	3.122%
43	11.351	1571	1575	1578	rVB	160831	149185	9.15%	0.827%
44	11.516	1599	1603	1608	rBV	77578	88981	5.46%	0.493%
45	11.557	1608	1610	1613	rVV2	81426	72211	4.43%	0.400%
46	11.598	1613	1617	1623	rVV2	28764	49672	3.05%	0.275%
47	11.739	1637	1641	1644	rBV6	13952	21885	1.34%	0.121%
48	11.775	1644	1647	1649	rBV	79666	63148	3.88%	0.350%
49	11.804	1649	1652	1658	rVV	206354	191874	11.77%	1.063%
50	11.857	1658	1661	1663	rVB	38162	31479	1.93%	0.174%
51	11.886	1663	1666	1669	rBV	128548	128319	7.87%	0.711%
52	11.969	1677	1680	1683	rBV	71020	63059	3.87%	0.349%
53	12.075	1695	1698	1702	rVB	54903	48575	2.98%	0.269%
54	12.122	1703	1706	1708	rBV2	20472	18687	1.15%	0.104%
55	12.222	1721	1723	1726	rBV2	20705	18815	1.15%	0.104%
56	12.257	1726	1729	1731	rVV2	28366	26346	1.62%	0.146%
57	12.327	1735	1741	1744	rBV2	57743	88156	5.41%	0.489%
58	12.363	1744	1747	1750	rBV2	59495	64816	3.98%	0.359%
59	12.392	1750	1752	1757	rBV	54739	53604	3.29%	0.297%
60	12.427	1757	1758	1766	rVB2	26558	17906	1.10%	0.099%
61	12.492	1766	1769	1773	rBV	746599	714347	43.84%	3.959%
62	12.598	1784	1787	1792	rBV2	59274	69876	4.29%	0.387%
63	12.645	1793	1795	1798	rVB	44811	35207	2.16%	0.195%
64	12.727	1803	1809	1815	rVV	709249	755929	46.39%	4.189%
65	12.774	1815	1817	1822	rVB2	41528	48143	2.95%	0.267%
66	12.869	1827	1833	1836	rBV	1493441	1378130	84.57%	7.638%
67	12.898	1836	1838	1842	rVB	40902	40223	2.47%	0.223%
68	12.945	1842	1846	1850	rBV4	57977	99942	6.13%	0.554%
69	13.033	1858	1861	1863	rBV3	50719	69196	4.25%	0.383%
70	13.057	1863	1865	1868	rVB	127108	114211	7.01%	0.633%
71	13.098	1869	1872	1874	rBV4	27779	30816	1.89%	0.171%
72	13.127	1874	1877	1879	rVV	97003	91137	5.59%	0.505%
73	13.163	1879	1883	1887	rBV2	76002	92802	5.69%	0.514%
74	13.257	1896	1899	1902	rBV3	126613	182455	11.20%	1.011%
75	13.439	1928	1930	1932	rBV2	29906	23547	1.44%	0.130%
76	13.686	1969	1972	1974	rBV2	49316	49312	3.03%	0.273%

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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.939	2010	2015	2018	rBV2	550466	840688	51.59%	4.659%
78	13.963	2018	2019	2026	rVB	315087	279831	17.17%	1.551%
79	14.045	2031	2033	2037	rVB	66956	55930	3.43%	0.310%
80	14.692	2140	2143	2146	rBV2	93723	92716	5.69%	0.514%
81	14.774	2154	2157	2163	rVB	103821	123209	7.56%	0.683%
82	14.992	2190	2194	2196	rBV	209024	276703	16.98%	1.533%
83	15.292	2243	2245	2249	rVB	109167	112099	6.88%	0.621%
84	15.357	2253	2256	2260	rVB	165571	179641	11.02%	0.996%
85	15.415	2263	2266	2270	rVV	212066	254207	15.60%	1.409%

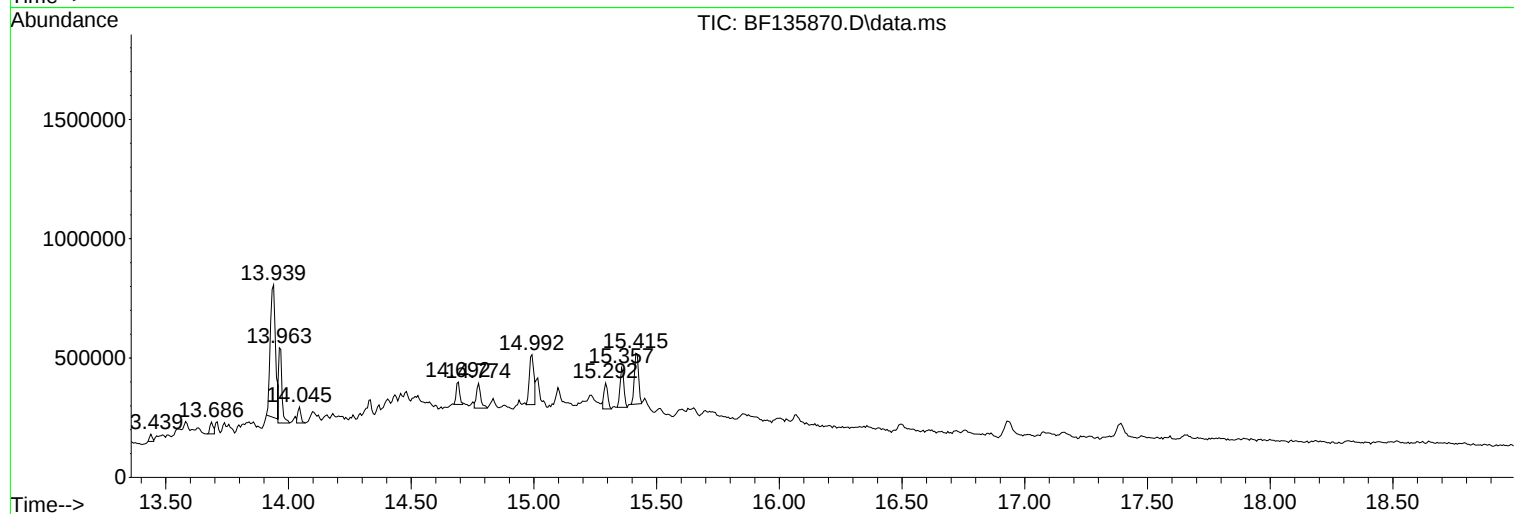
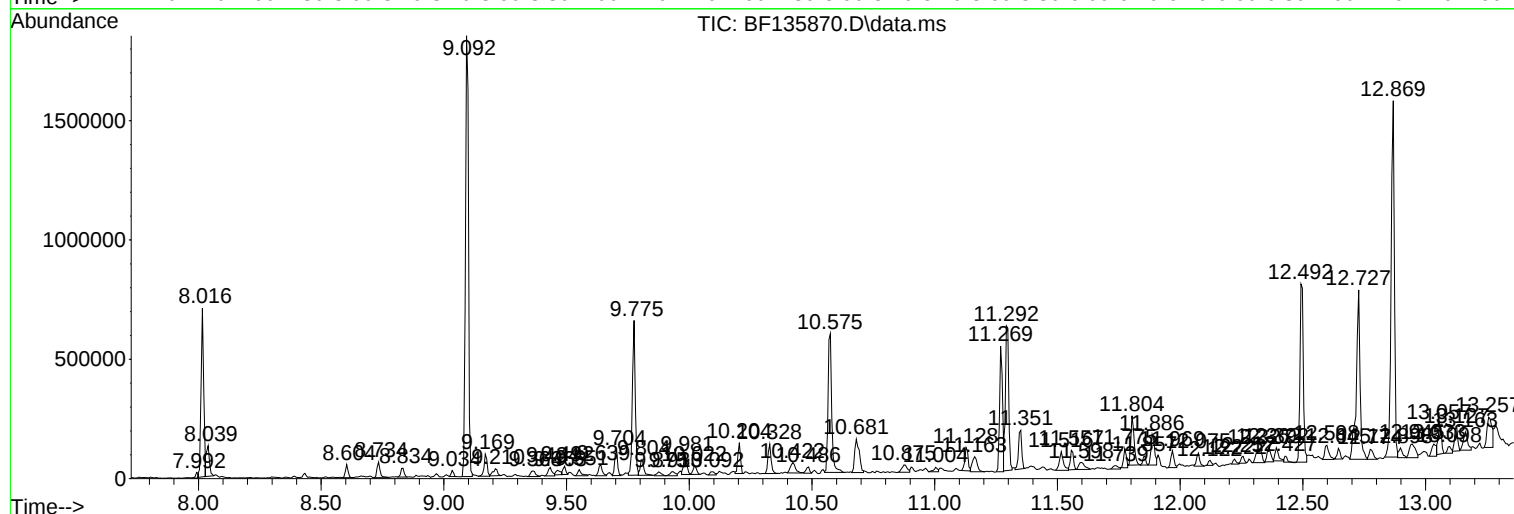
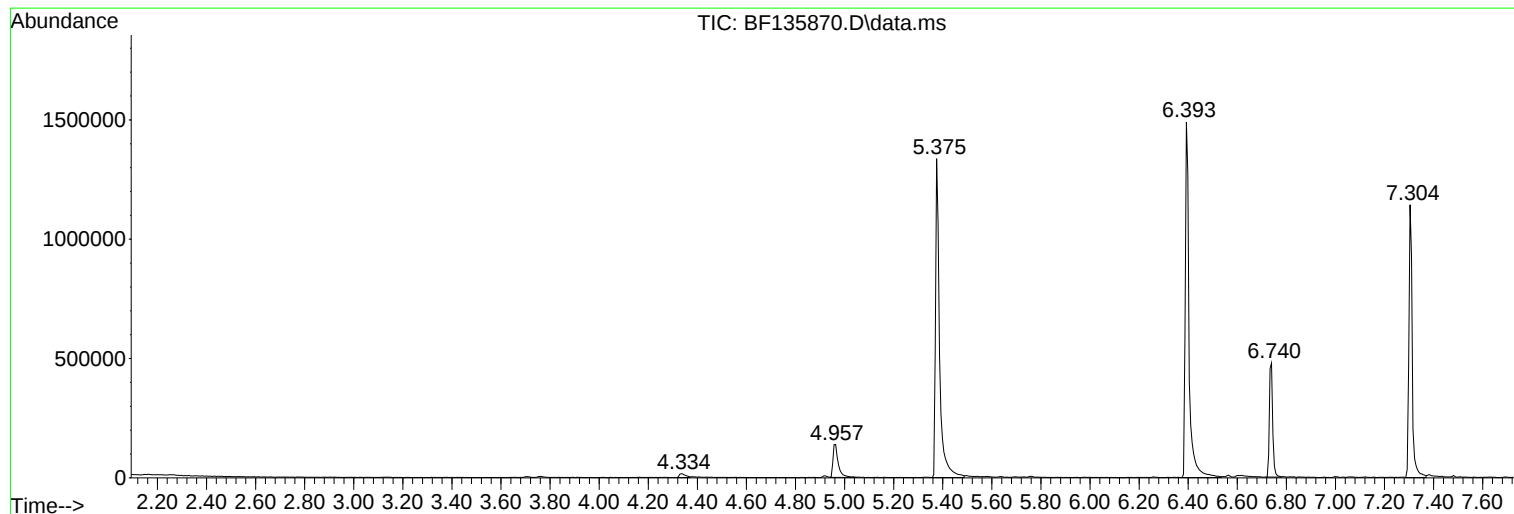
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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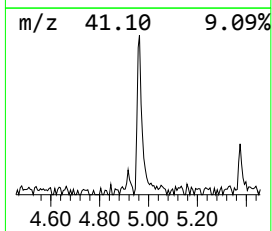
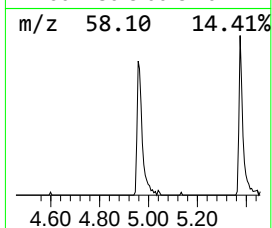
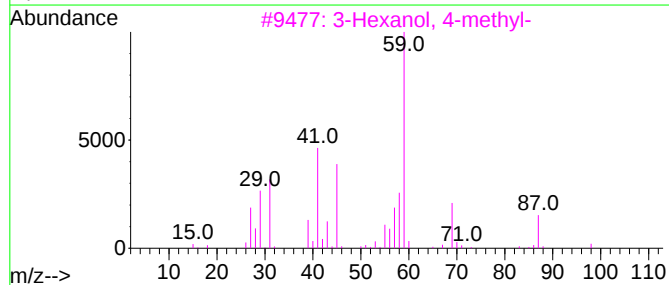
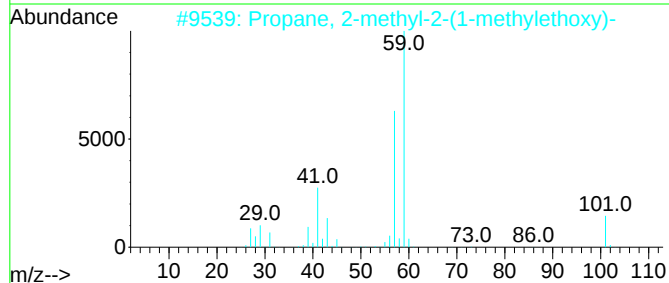
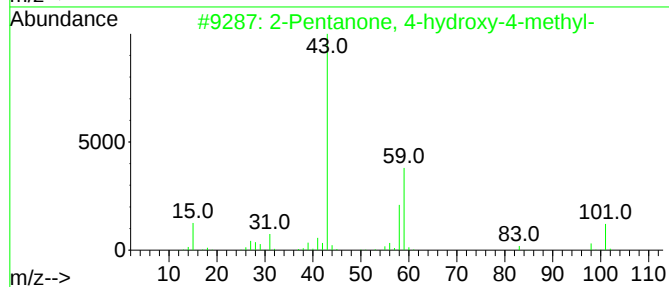
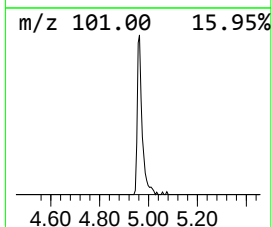
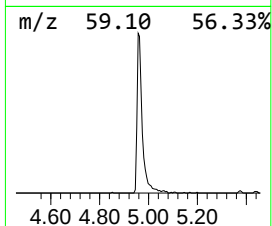
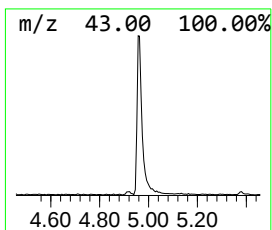
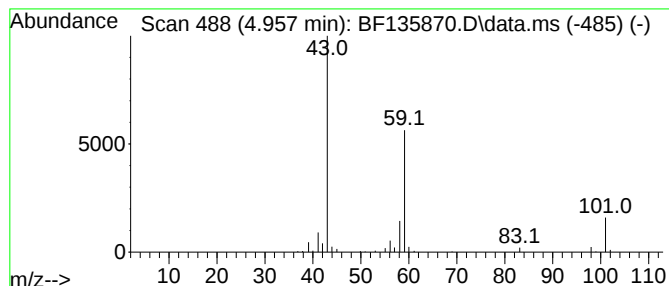
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	8.94 ng	200920	1,4-Dichlorobenzene-d4	6.740

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42		
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28		
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		



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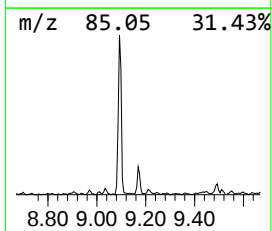
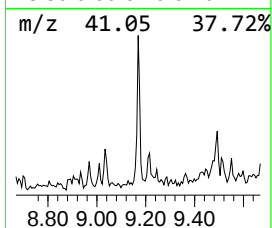
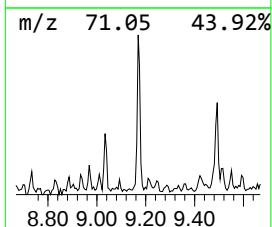
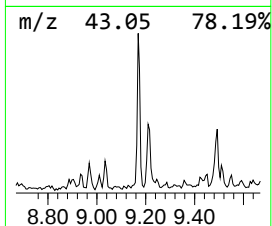
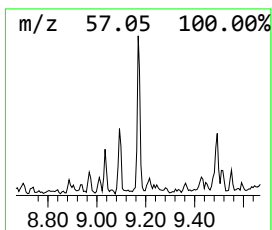
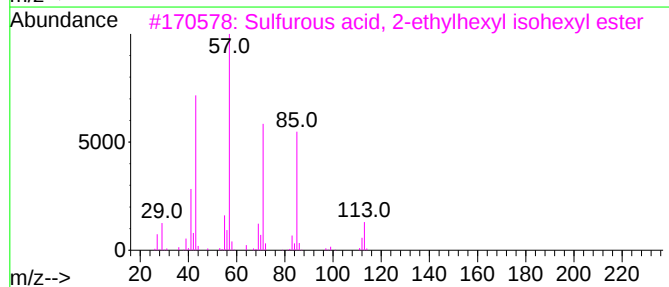
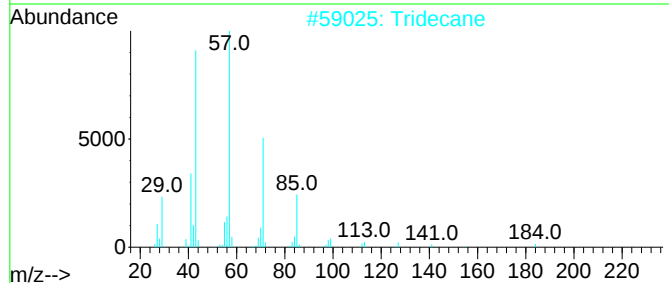
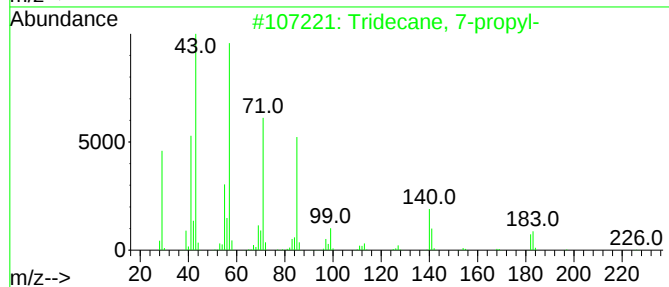
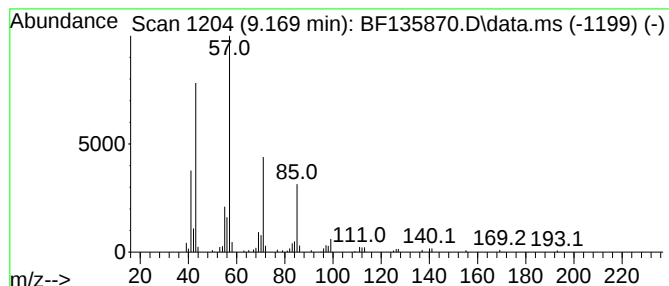
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane, 7-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	3.02 ng	79273	Acenaphthene-d10	9.775

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
2		Tridecane	184	C13H28	000629-50-5	86
3		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	86
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	86
5		Nonadecane	268	C19H40	000629-92-5	86



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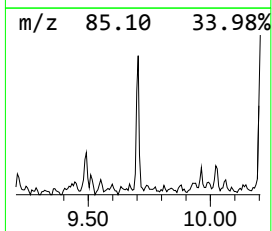
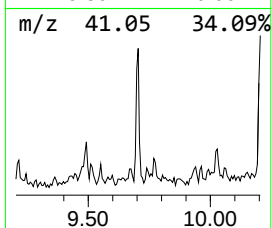
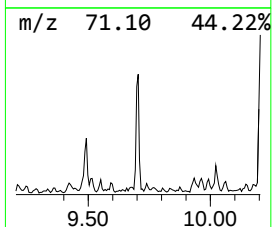
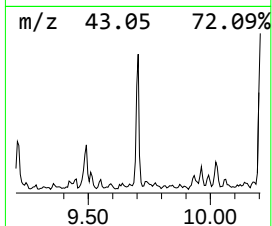
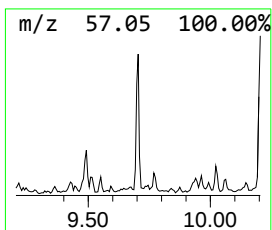
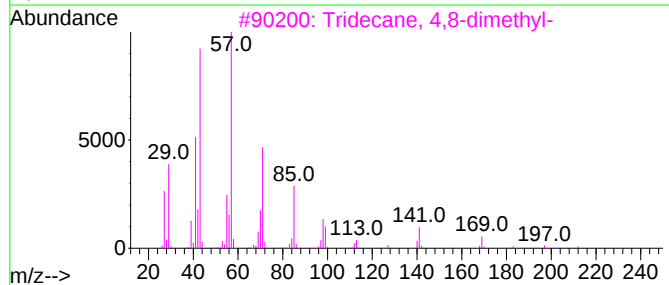
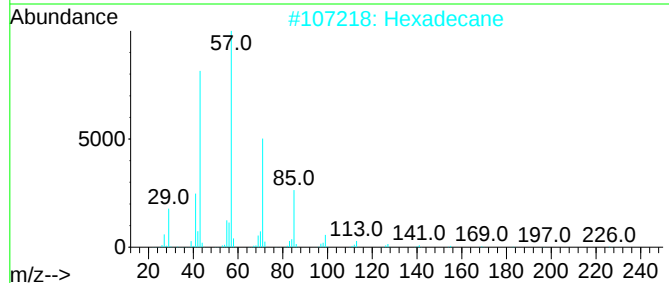
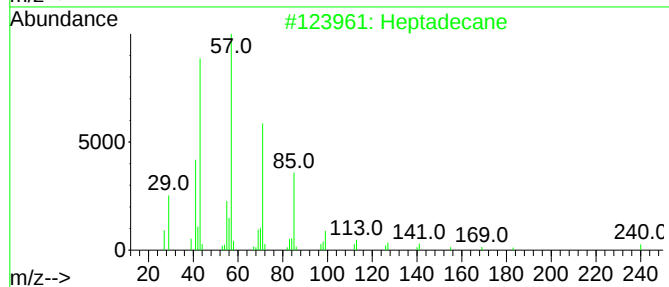
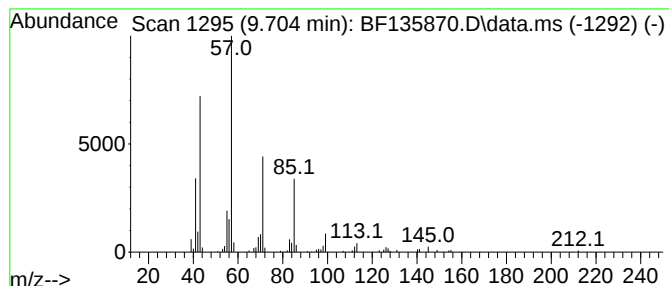
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	3.37 ng	88386	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	78



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ClientSampleId :
C-1(0-5)

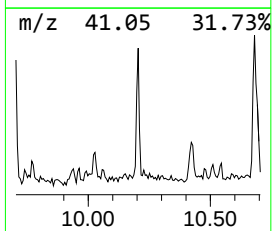
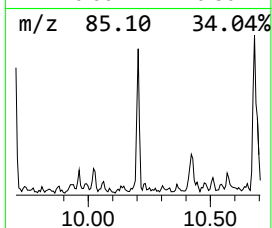
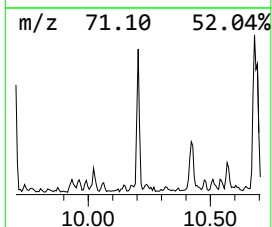
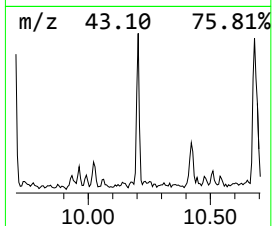
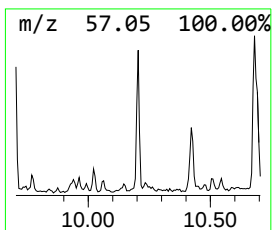
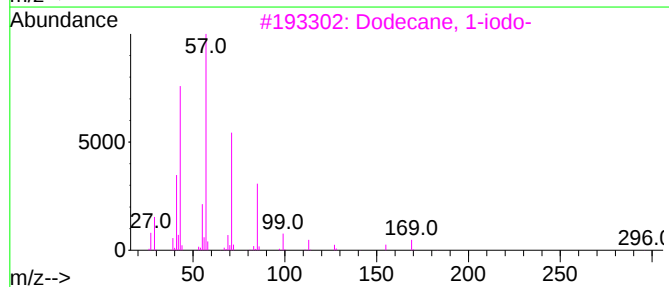
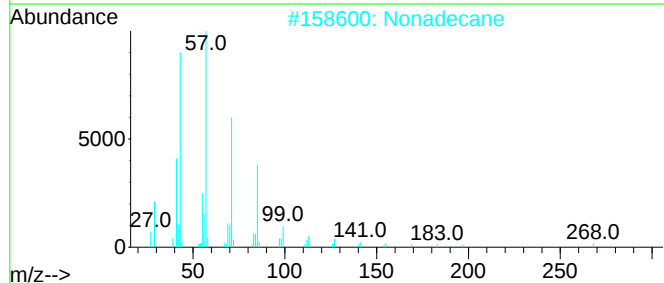
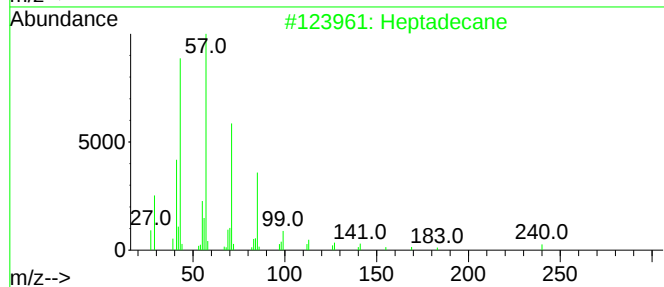
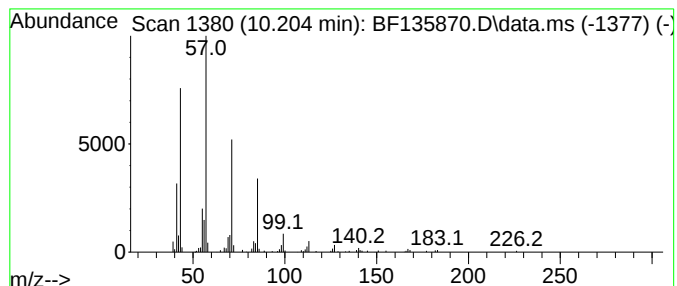
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.204	3.65 ng	95633	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Nonadecane	268	C19H40	000629-92-5	80
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4			Pentadecane	212	C15H32	000629-62-9	78
5			Tridecane	184	C13H28	000629-50-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
Acq On : 19 Oct 2023 02:59
Operator : CG\JU
Sample : 04767-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

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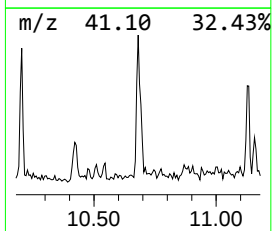
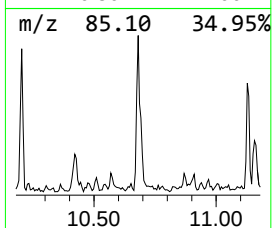
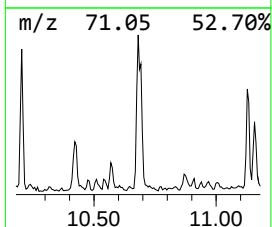
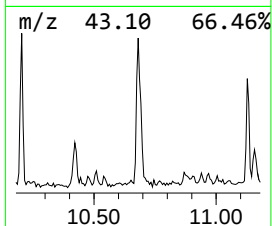
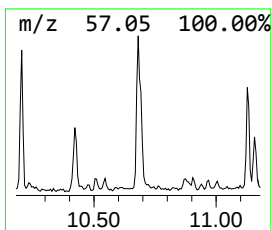
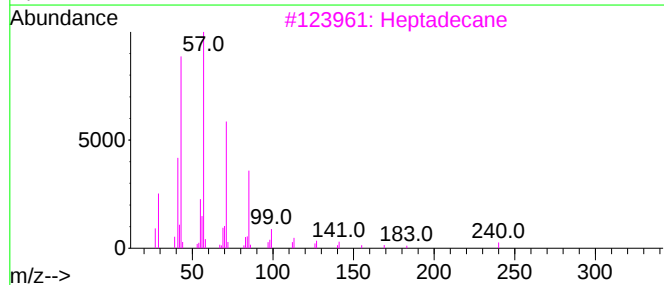
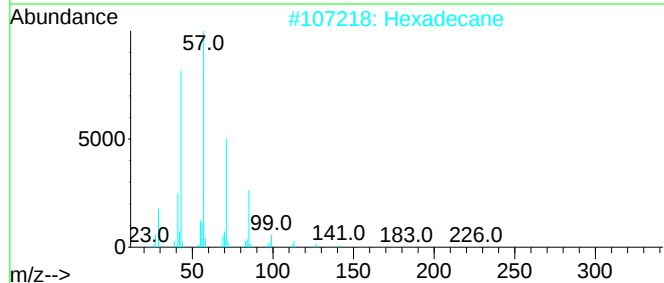
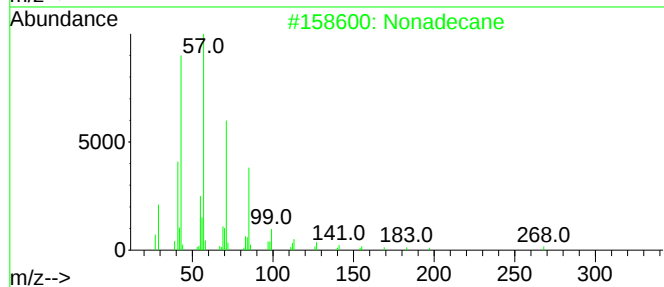
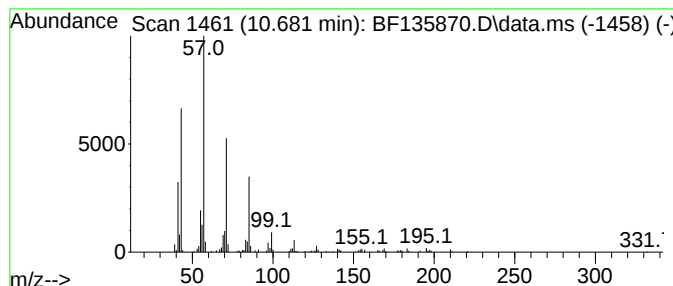
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.681	8.29 ng	183307	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heptadecane	240	C17H36	000629-78-7	87
4			Pentadecane	212	C15H32	000629-62-9	86
5			Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
Acq On : 19 Oct 2023 02:59
Operator : CG\JU
Sample : 04767-07
Misc :
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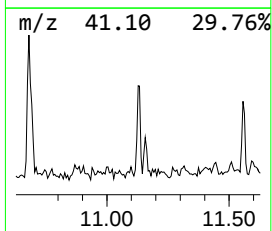
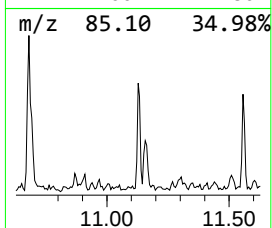
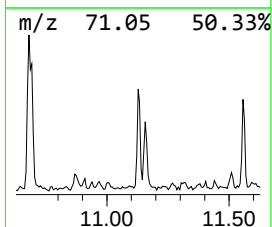
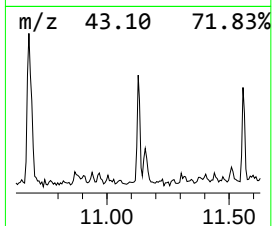
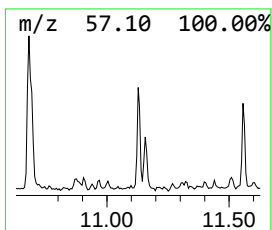
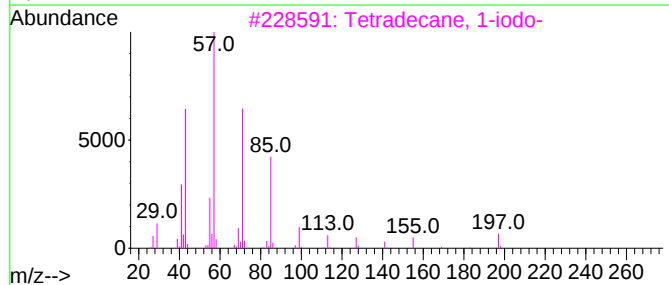
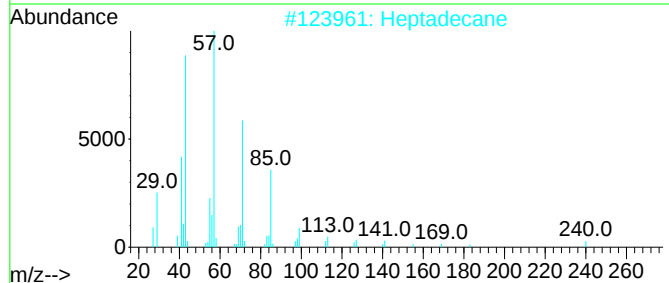
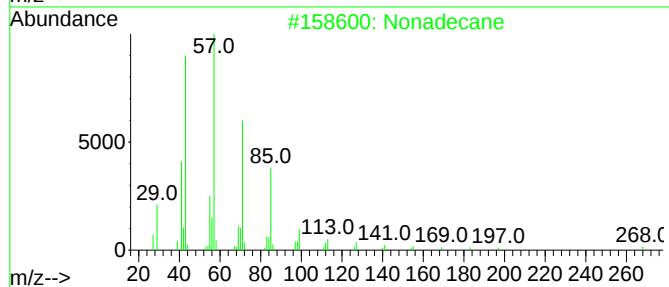
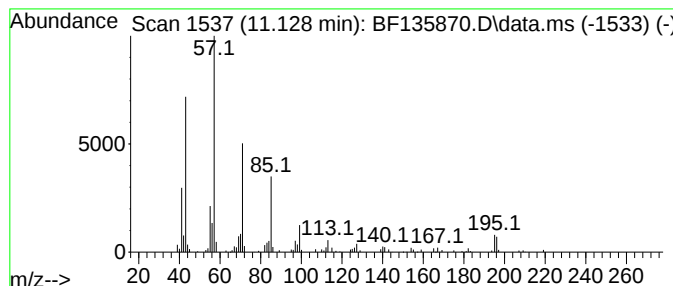
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.128	4.09 ng	90330	Phenanthrene-d10		11.269	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	90
2	Heptadecane		240	C17H36	000629-78-7	83
3	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	80
4	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	80
5	Tridecane		184	C13H28	000629-50-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
Acq On : 19 Oct 2023 02:59
Operator : CG\JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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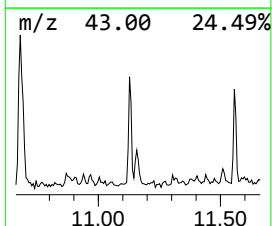
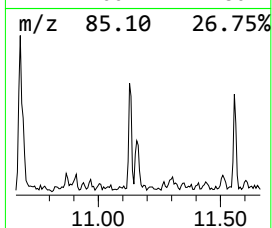
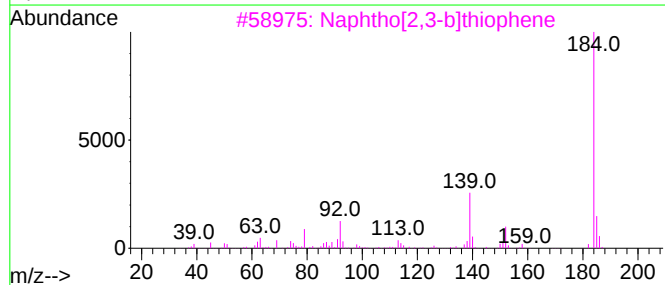
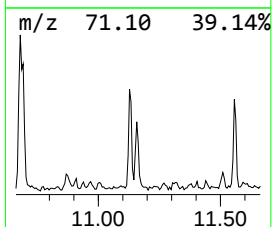
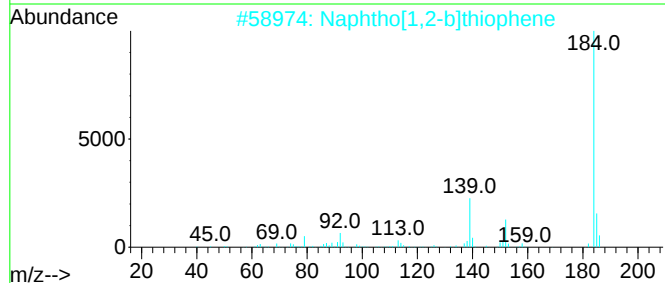
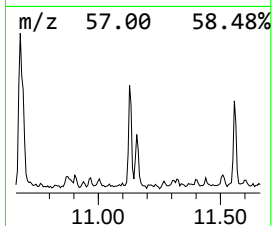
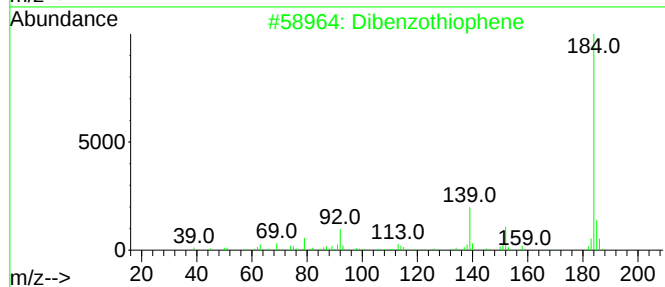
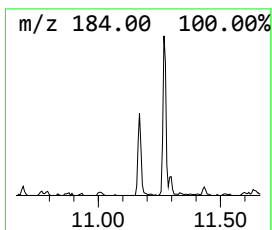
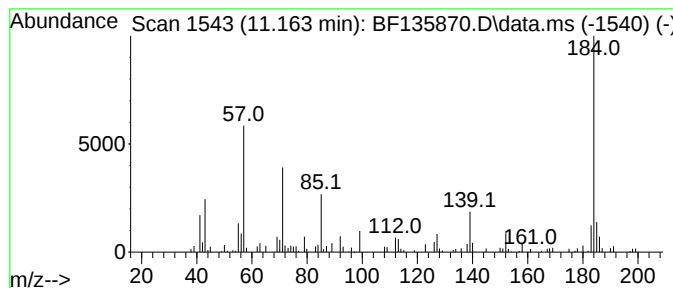
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	3.88 ng	85872	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	90
2			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	55
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	55
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	49
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
Acq On : 19 Oct 2023 02:59
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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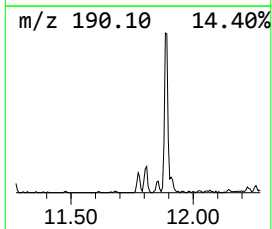
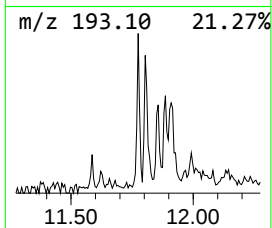
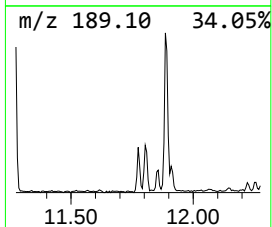
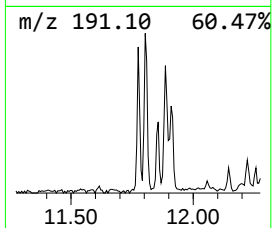
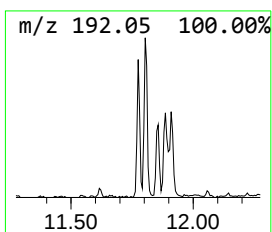
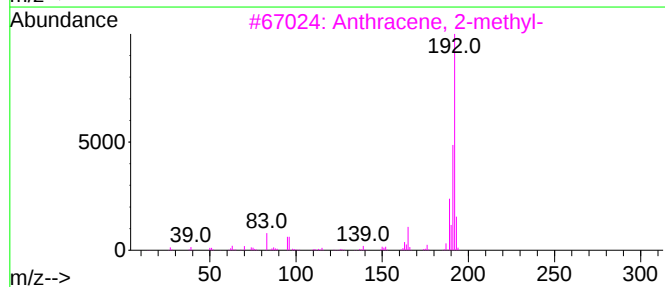
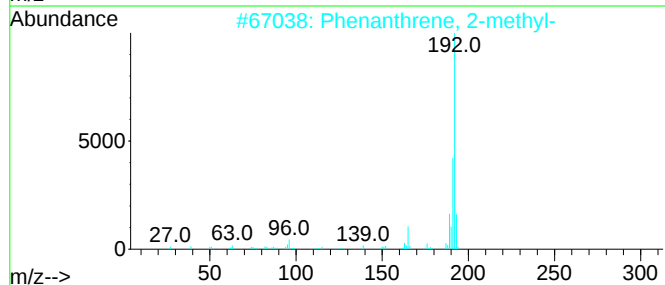
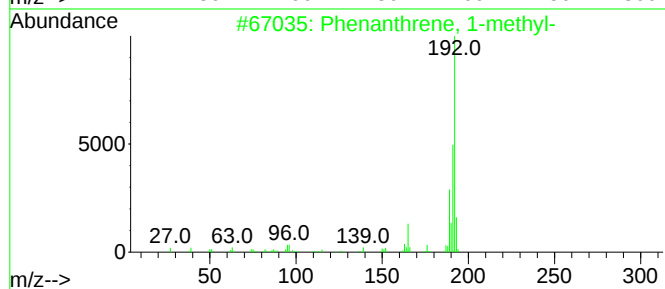
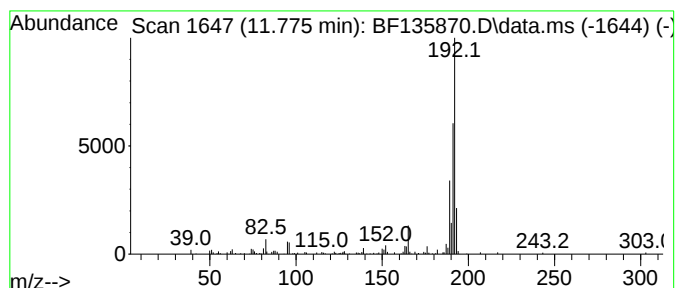
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	2.86 ng	63148	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
Acq On : 19 Oct 2023 02:59
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Misc :
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ClientSampleId :
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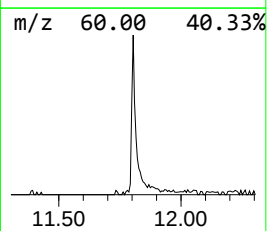
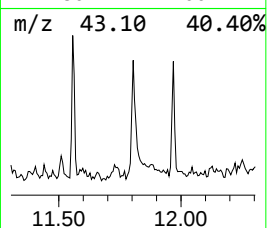
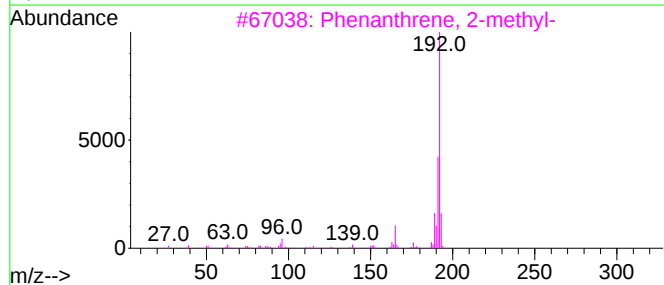
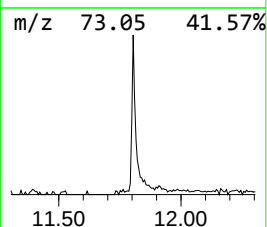
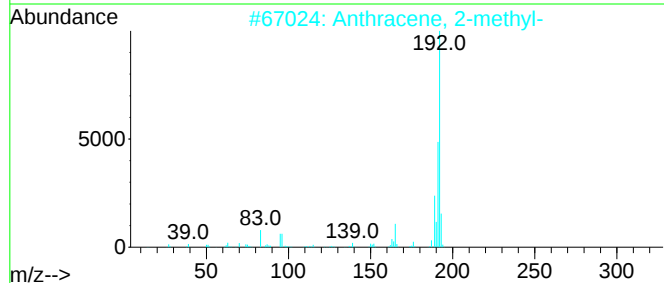
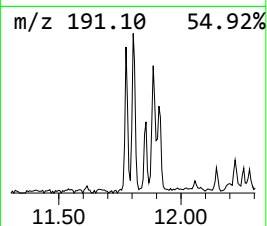
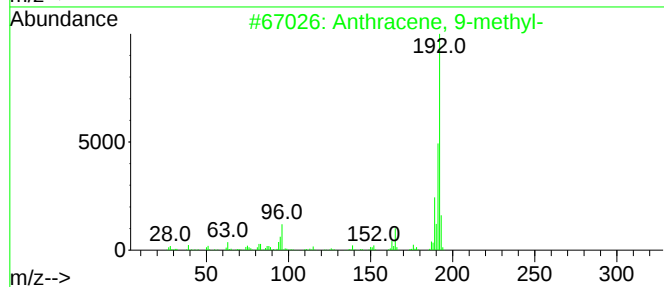
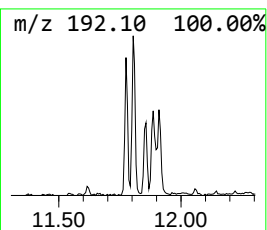
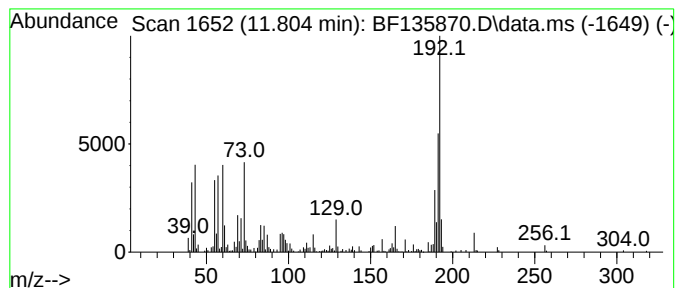
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	8.68 ng	191874	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
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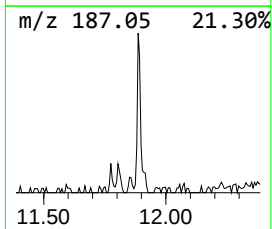
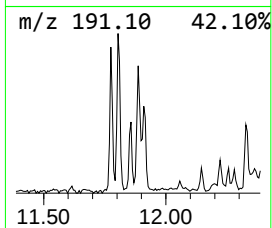
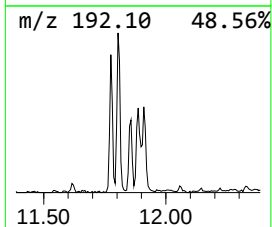
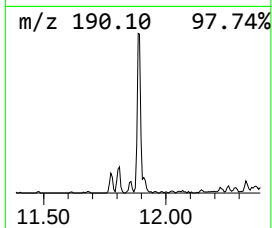
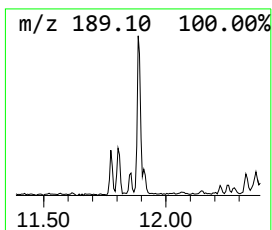
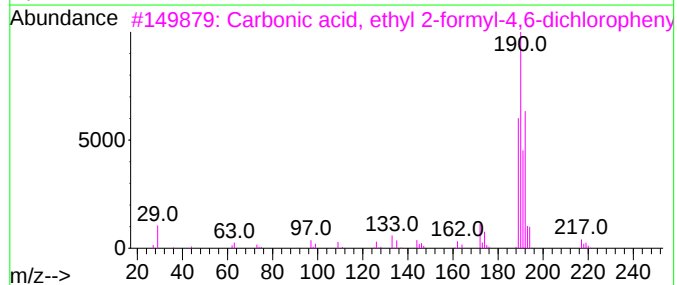
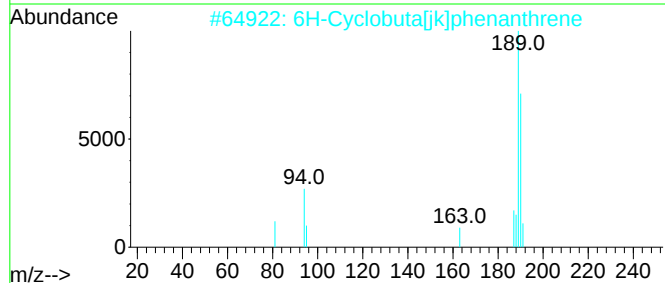
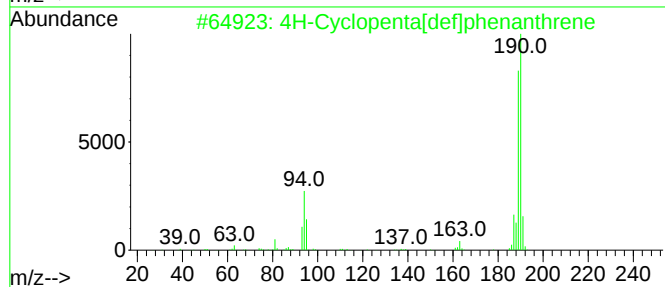
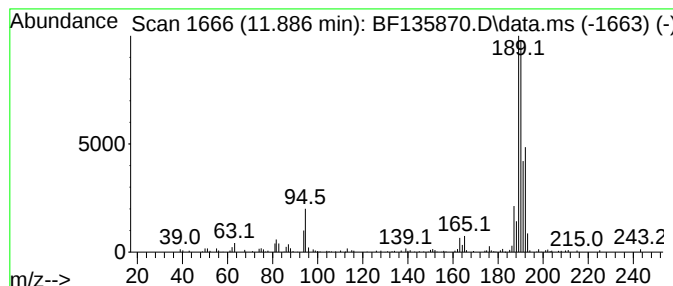
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.886	5.80 ng	128319	Phenanthrene-d10	11.269	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	17



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Acq On : 19 Oct 2023 02:59
Operator : CG\JU
Sample : 04767-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

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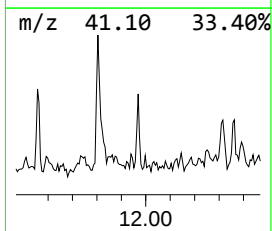
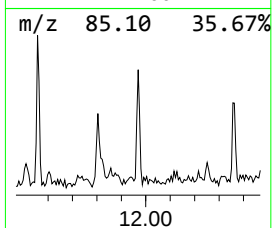
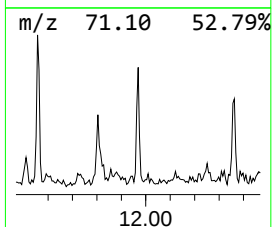
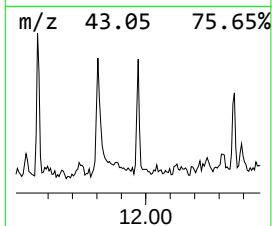
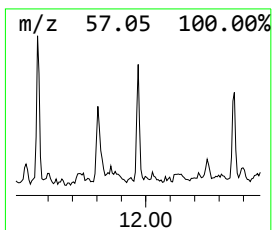
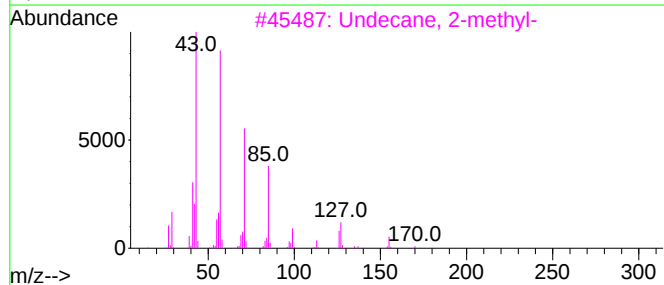
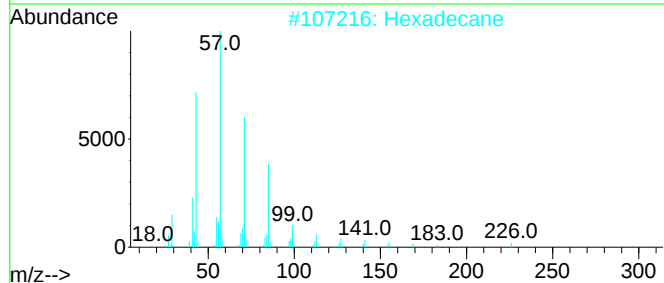
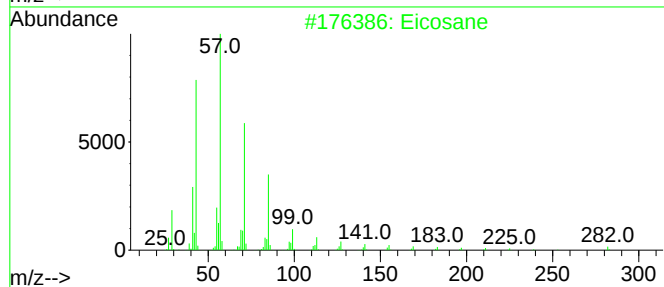
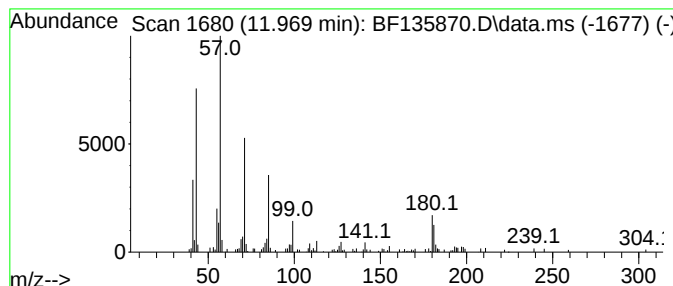
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	2.85 ng	63059	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	68
2			Hexadecane	226	C16H34	000544-76-3	64
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	64
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
5			Tetradecane	198	C14H30	000629-59-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
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Acq On : 19 Oct 2023 02:59
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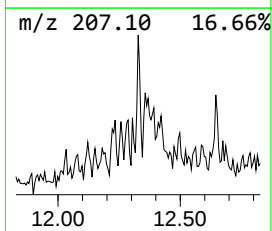
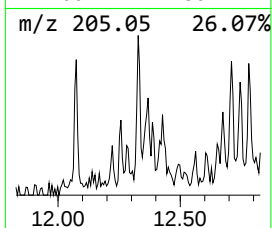
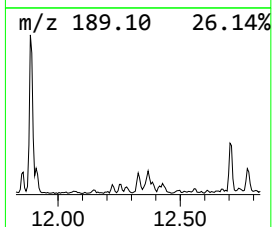
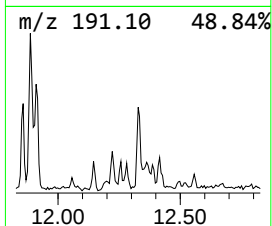
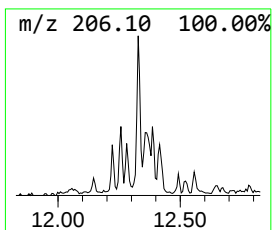
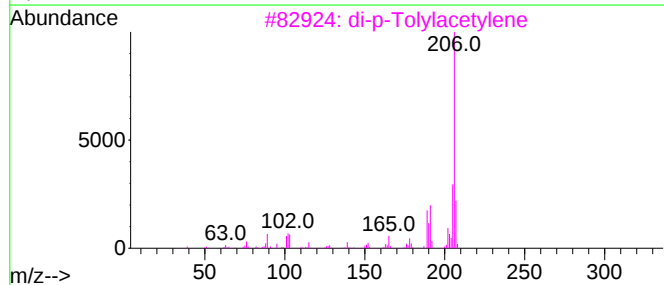
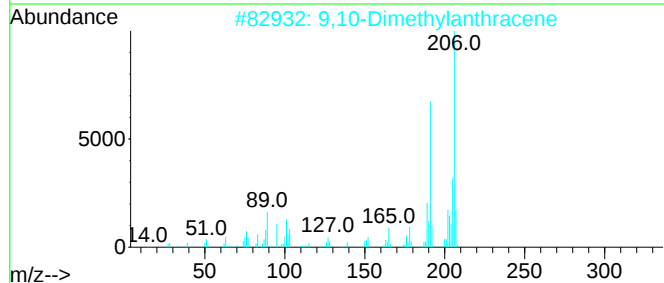
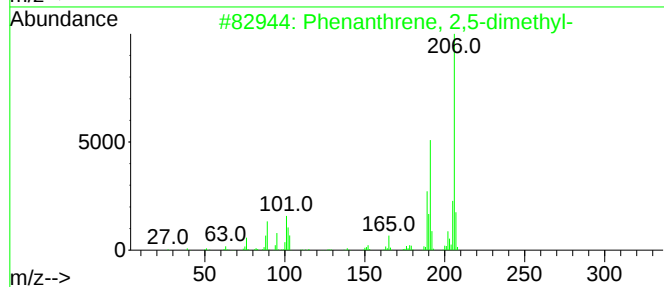
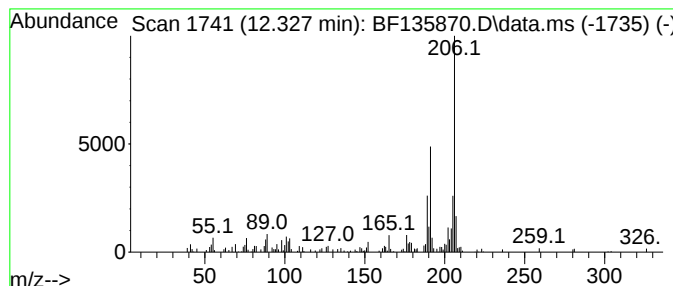
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.328	3.99 ng	88156	Phenanthrene-d10		11.269	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	96
2	9,10-Dimethylantracene		206	C16H14	000781-43-1	94
3	di-p-Tolylacetylene		206	C16H14	002789-88-0	92
4	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	92
5	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
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Operator : CG\JU
Sample : 04767-07
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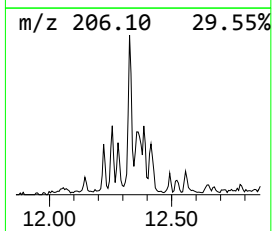
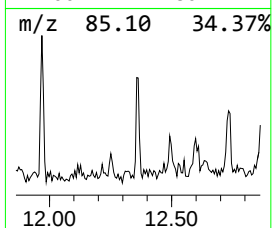
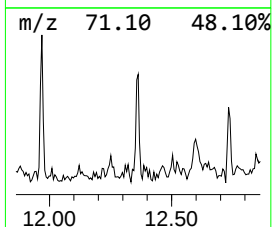
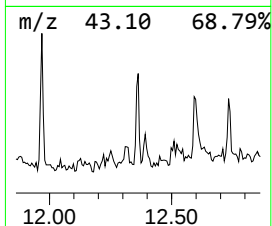
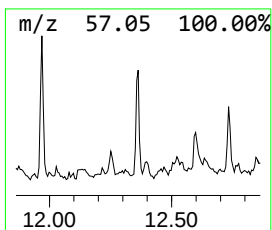
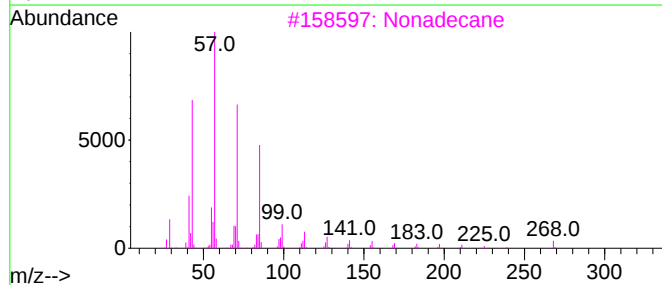
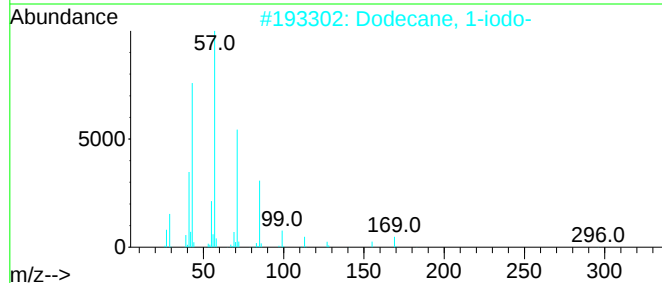
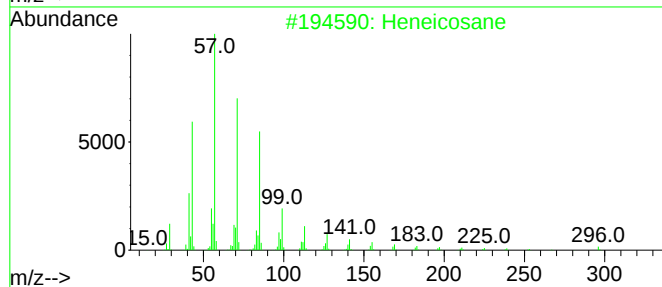
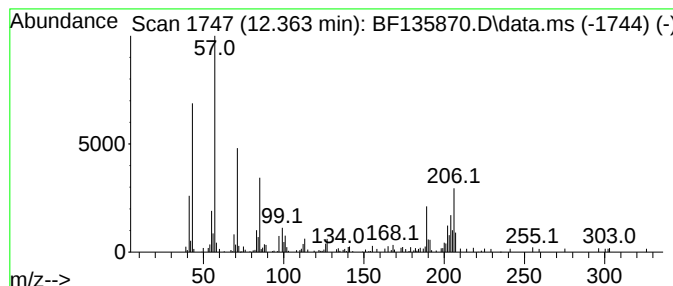
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ClientSampleId :
C-1(0-5)

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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 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.363	2.93 ng	64816	Phenanthrene-d10		11.269	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	84
2	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	43
3	Nonadecane		268	C19H40	000629-92-5	43
4	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	43
5	Tridecane		184	C13H28	000629-50-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
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Acq On : 19 Oct 2023 02:59
Operator : CG\JU
Sample : 04767-07
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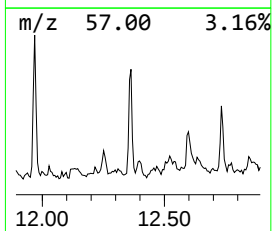
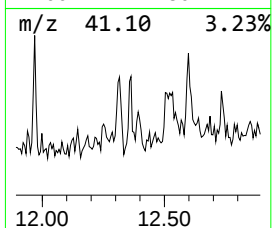
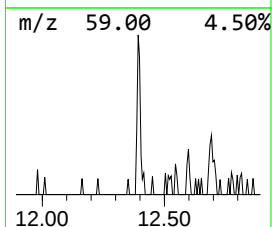
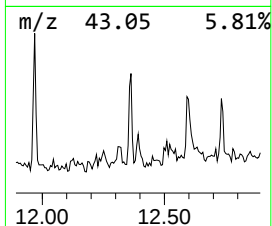
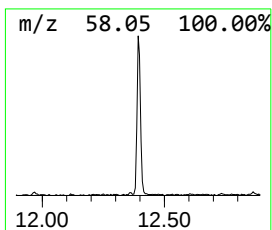
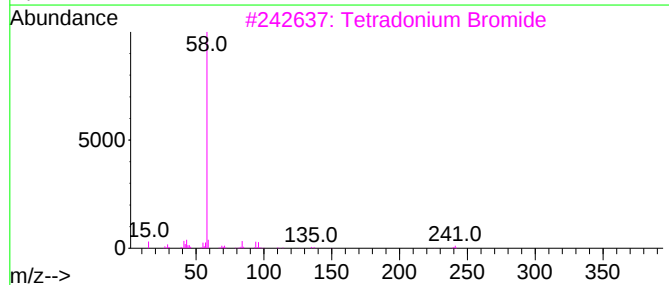
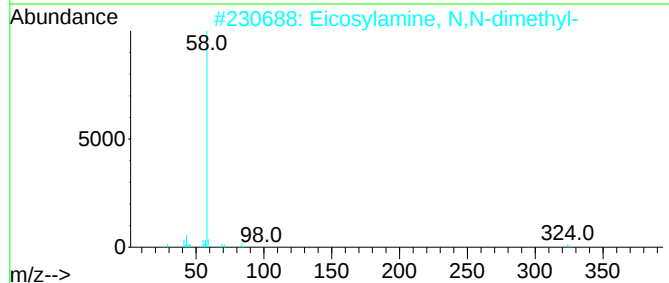
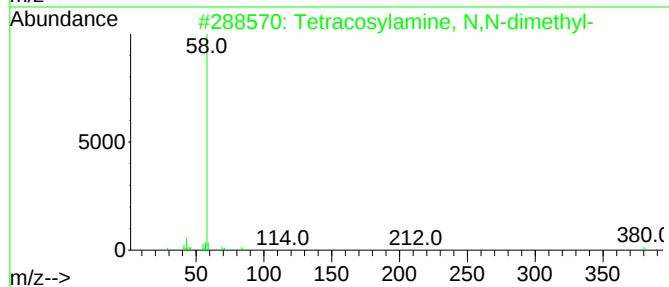
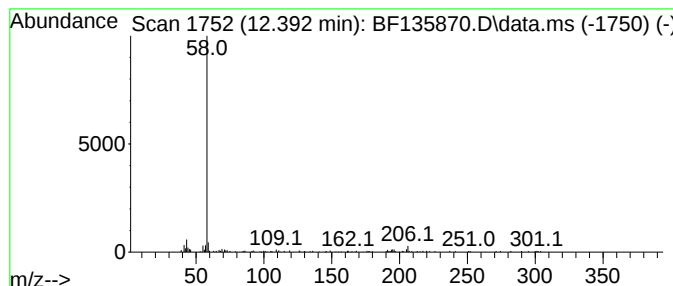
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetracosylamine, N,N-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.392	2.42 ng	53604	Phenanthrene-d10		11.269	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracosylamine, N,N-dimethyl-		381	C26H55N	1000406-30-7	64
2	Eicosylamine, N,N-dimethyl-		325	C22H47N	1000406-30-5	64
3	Tetradonium Bromide		335	C17H38BrN	001119-97-7	64
4	Cetrimonium Bromide		363	C19H42BrN	000057-09-0	64
5	Dimethyl palmitamine		269	C18H39N	000112-69-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
Acq On : 19 Oct 2023 02:59
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Misc :
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Instrument :
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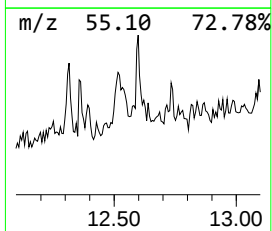
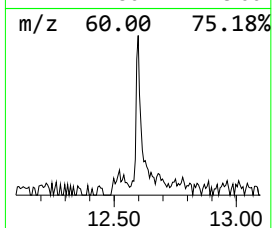
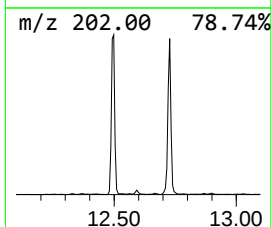
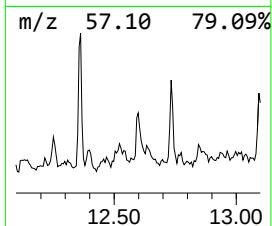
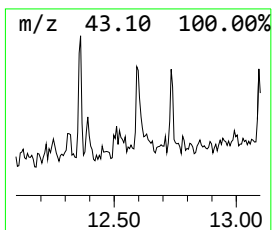
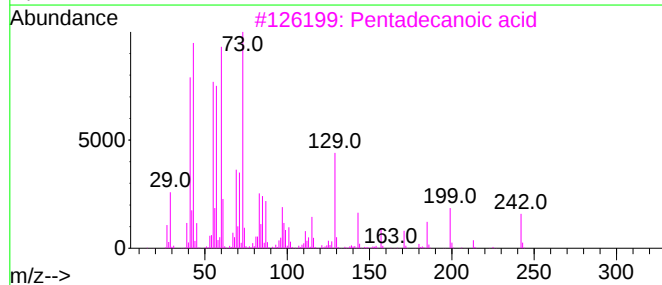
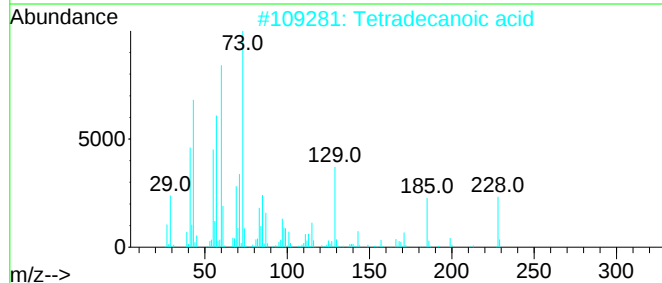
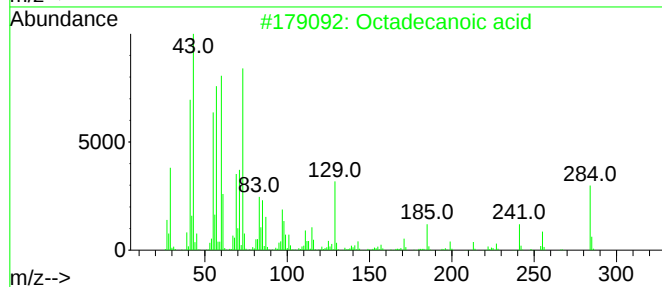
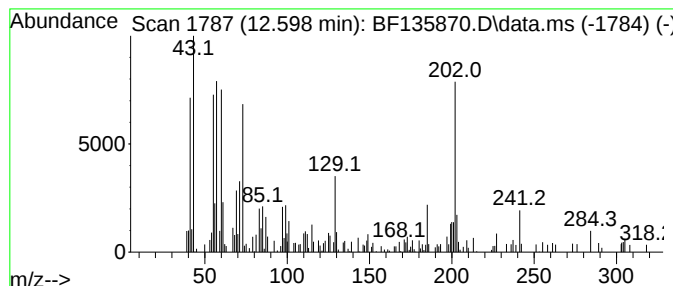
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	3.16 ng	69876	Phenanthrene-d10	11.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	55
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	45
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	45
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
5		Dodecanoic acid	200	C12H24O2	000143-07-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
Acq On : 19 Oct 2023 02:59
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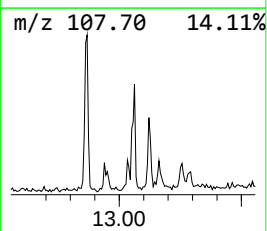
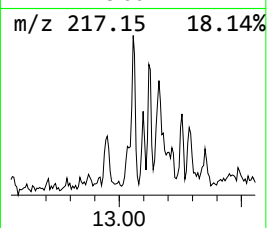
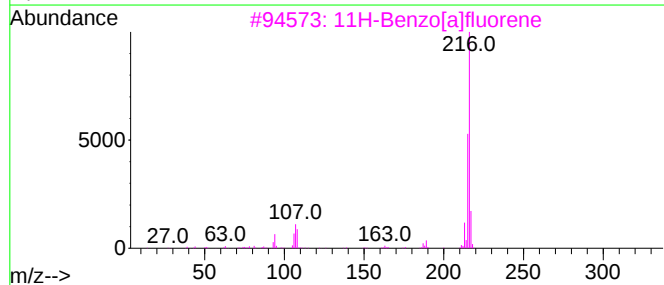
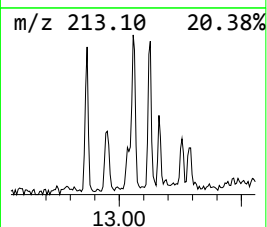
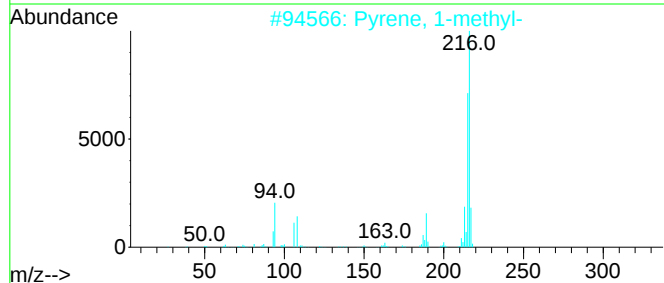
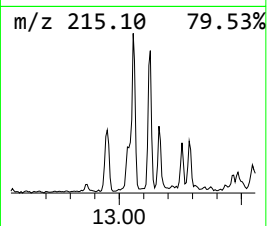
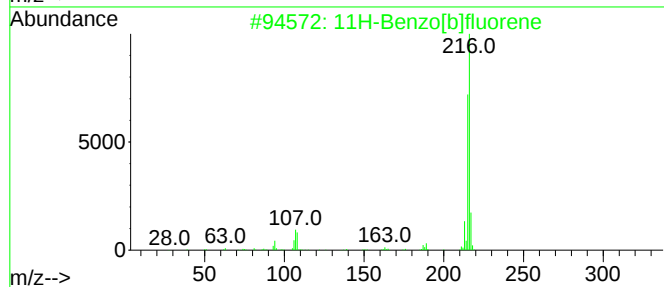
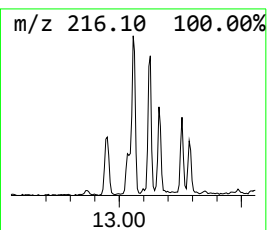
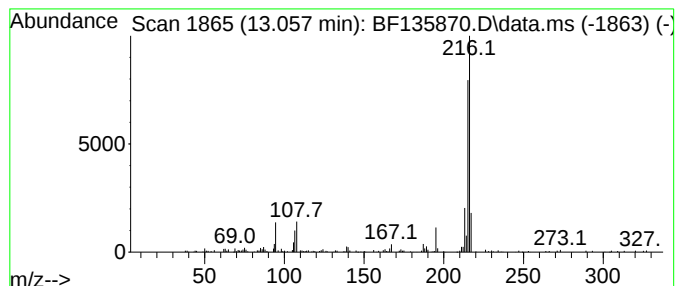
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	2.72 ng	114211	Chrysene-d12	13.939

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
Acq On : 19 Oct 2023 02:59
Operator : CG\JU
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ALS Vial : 16 Sample Multiplier: 1

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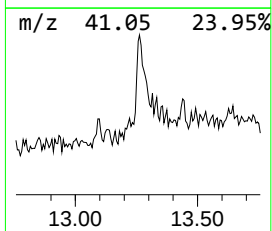
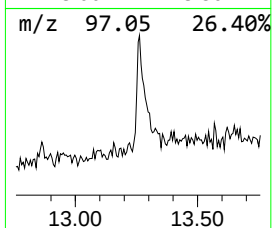
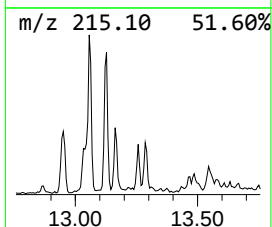
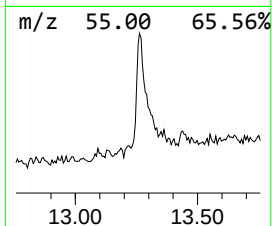
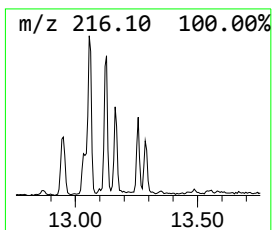
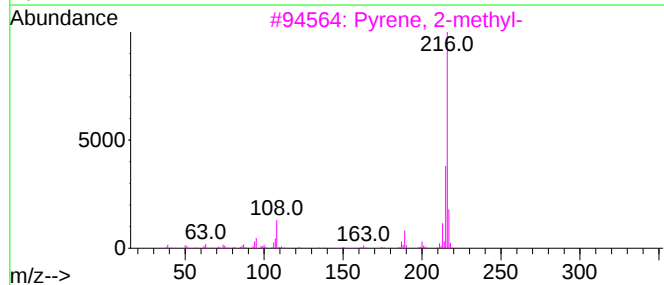
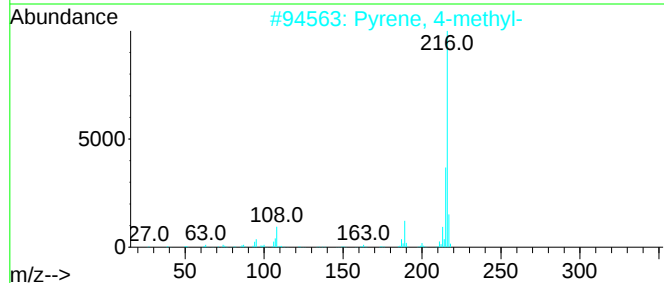
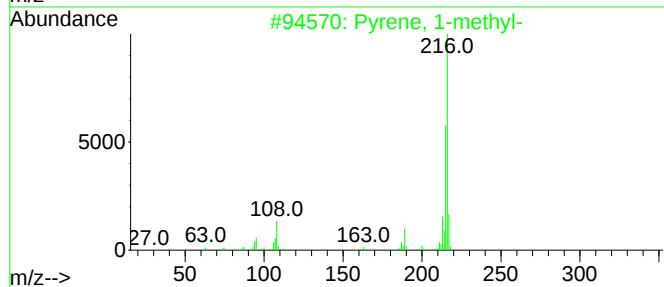
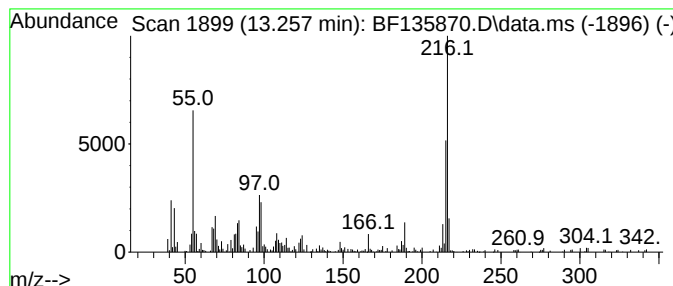
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	4.34 ng	182455	Chrysene-d12	13.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	83
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
Acq On : 19 Oct 2023 02:59
Operator : CG\JU
Sample : 04767-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

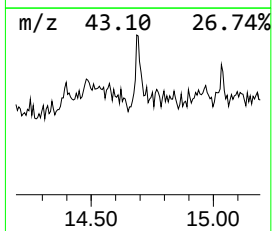
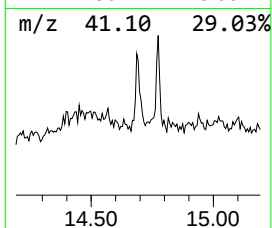
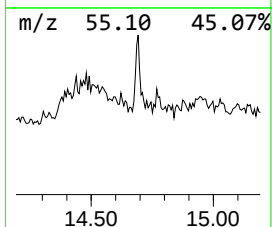
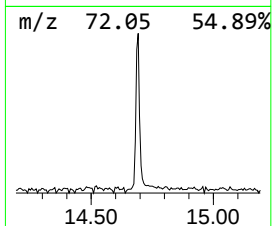
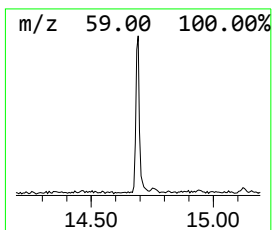
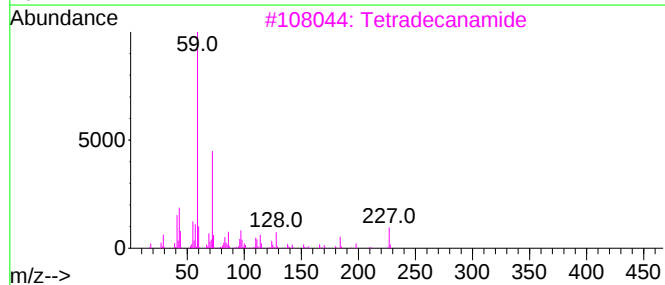
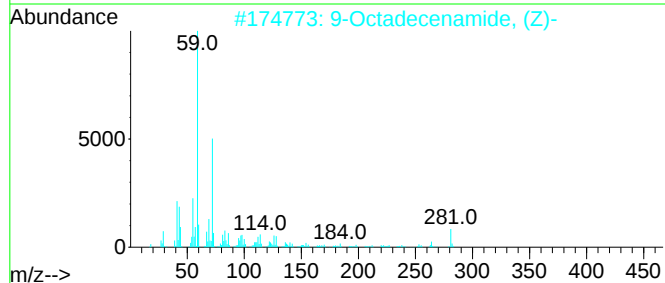
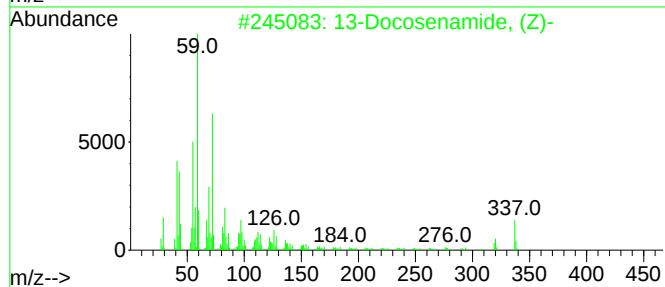
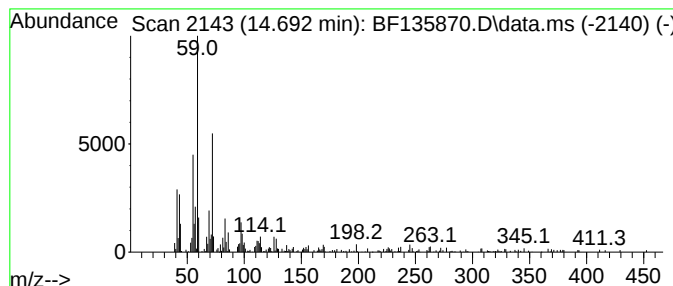
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 13-Docosenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.692	7.29 ng	92716	Perylene-d12	15.421	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
3	Tetradecanamide	227	C14H29NO	000638-58-4	86
4	Hexadecanamide	255	C16H33NO	000629-54-9	72
5	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
Acq On : 19 Oct 2023 02:59
Operator : CG\JU
Sample : 04767-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

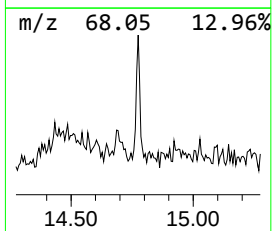
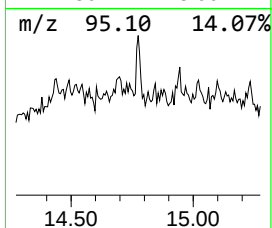
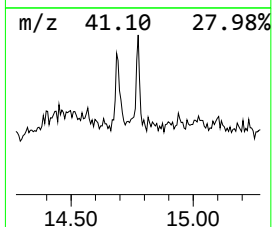
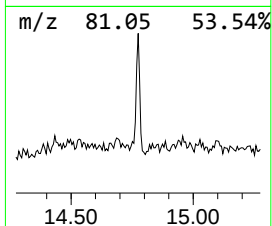
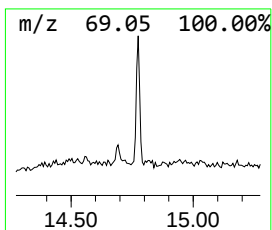
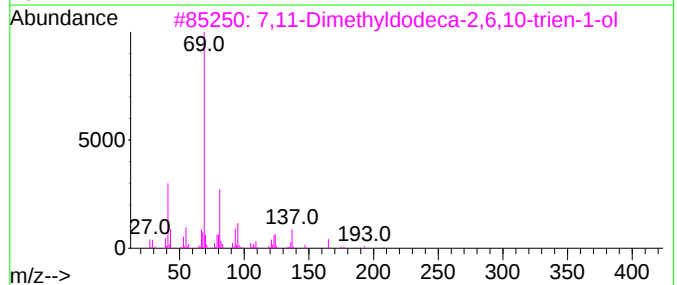
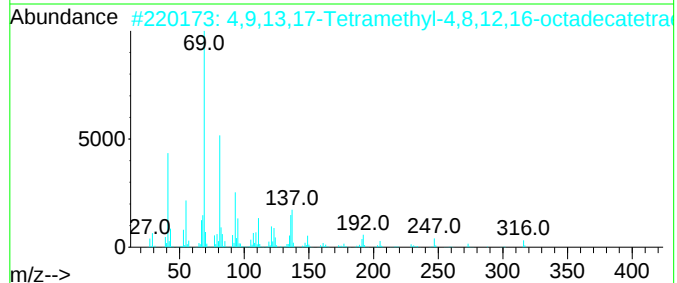
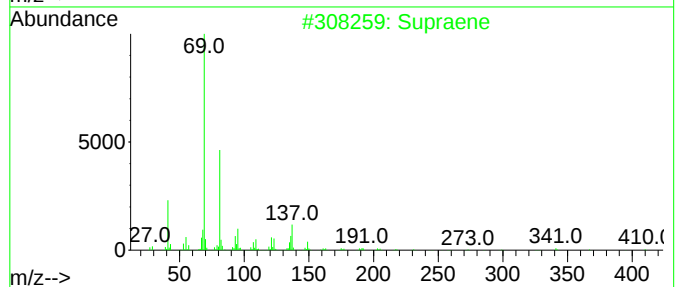
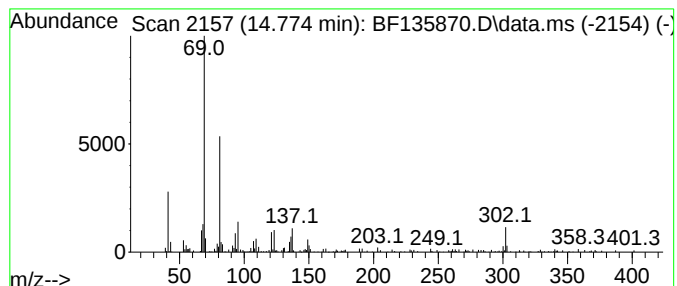
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.774	9.69 ng	123209	Perylene-d12	15.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	74
2			4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
3			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4			5,9,13,17-Tetramethyl 4,8,12,16-...	332	C22H36O2	1000432-37-9	56
5			1,3-Dioxolan-2-one, 3-methyl-3-(...	264	C16H24O3	336879-76-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
Acq On : 19 Oct 2023 02:59
Operator : CG\JU
Sample : 04767-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

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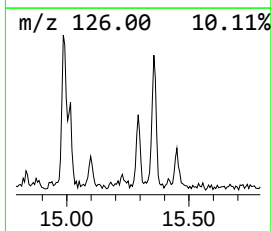
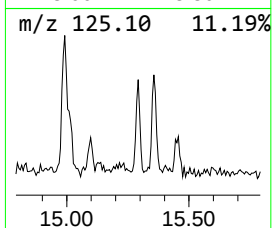
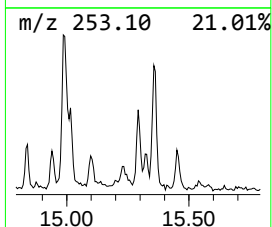
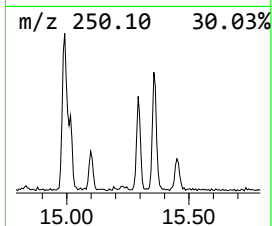
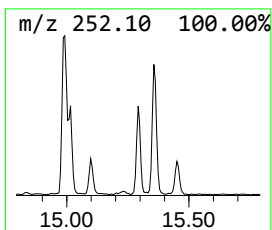
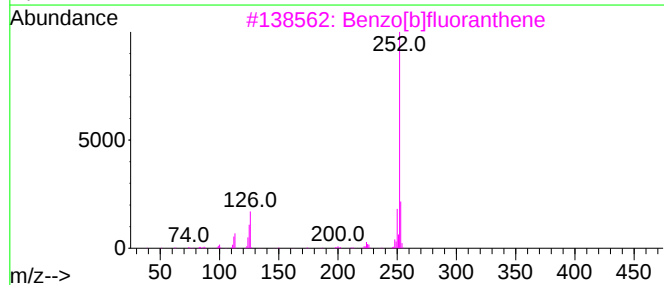
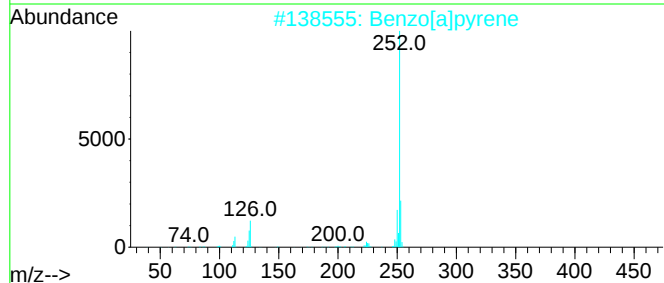
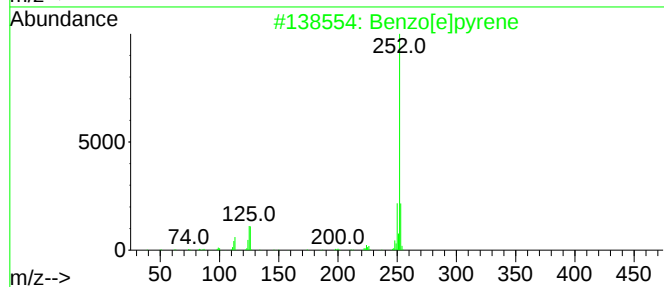
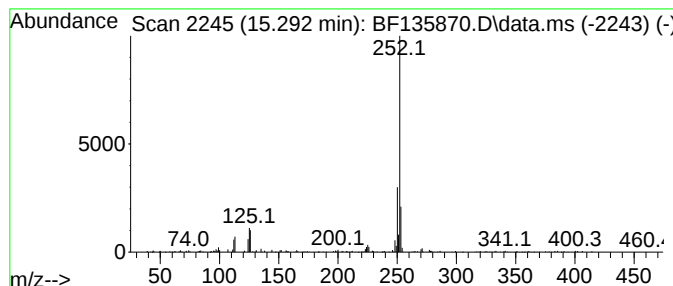
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	8.82 ng	112099	Perylene-d12	15.421

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Benzo[a]pyrene	252	C20H12	000050-32-8	90
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135870.D
Acq On : 19 Oct 2023 02:59
Operator : CG\JU
Sample : 04767-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.957	8.9	ng	200920	1	6.740	449538	20.0
Tridecane, 7-pr...	9.169	3.0	ng	79273	3	9.775	524674	20.0
Heptadecane	9.704	3.4	ng	88386	3	9.775	524674	20.0
Nonadecane	10.204	3.6	ng	95633	3	9.775	524674	20.0
Hexadecane	10.681	8.3	ng	183307	4	11.269	442137	20.0
Tetradecane, 1-...	11.128	4.1	ng	90330	4	11.269	442137	20.0
Dibenzothiophene	11.163	3.9	ng	85872	4	11.269	442137	20.0
Phenanthrene, 1...	11.775	2.9	ng	63148	4	11.269	442137	20.0
Anthracene, 9-m...	11.804	8.7	ng	191874	4	11.269	442137	20.0
4H-Cyclopenta[d...	11.886	5.8	ng	128319	4	11.269	442137	20.0
Eicosane	11.969	2.9	ng	63059	4	11.269	442137	20.0
Phenanthrene, 2...	12.328	4.0	ng	88156	4	11.269	442137	20.0
Heneicosane	12.363	2.9	ng	64816	4	11.269	442137	20.0
Tetracosylamine...	12.392	2.4	ng	53604	4	11.269	442137	20.0
Octadecanoic acid	12.598	3.2	ng	69876	4	11.269	442137	20.0
11H-Benzo[b]flu...	13.057	2.7	ng	114211	5	13.939	840688	20.0
Pyrene, 1-methyl-	13.257	4.3	ng	182455	5	13.939	840688	20.0
13-Docosenamide...	14.692	7.3	ng	92716	6	15.421	254207	20.0
Supraene	14.774	9.7	ng	123209	6	15.421	254207	20.0
Benzo[e]pyrene	15.292	8.8	ng	112099	6	15.421	254207	20.0