

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
 Data File : BF141239.D
 Acq On : 22 Jan 2025 17:06
 Operator : RC/JU
 Sample : Q1142-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-1-012125

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-BF011025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141239.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.998	485	494	506	rVB2	38337	60833	2.97%	0.164%
2	5.410	558	564	583	rVB	1308581	1687741	82.51%	4.547%
3	6.428	731	737	745	rBV	1337257	1705145	83.37%	4.594%
4	6.634	767	772	777	rBV3	17073	28042	1.37%	0.076%
5	6.804	795	801	808	rBV	638237	794798	38.86%	2.141%
6	7.081	841	848	851	rBV3	13736	26687	1.30%	0.072%
7	7.122	851	855	863	rVB3	13568	26063	1.27%	0.070%
8	7.198	863	868	872	rBV3	15415	23249	1.14%	0.063%
9	7.363	887	896	900	rBV	880384	1163664	56.89%	3.135%
10	7.404	900	903	906	rVV	47249	58444	2.86%	0.157%
11	7.445	906	910	915	rVB4	17195	27494	1.34%	0.074%
12	7.616	933	939	946	rVB3	42331	80694	3.95%	0.217%
13	7.710	947	955	956	rBV4	16335	30403	1.49%	0.082%
14	7.769	961	965	968	rVB3	16120	25153	1.23%	0.068%
15	7.828	968	975	981	rBV7	34780	93609	4.58%	0.252%
16	7.922	989	991	994	rVB	18974	20690	1.01%	0.056%
17	8.087	1006	1019	1026	rBV2	883004	1623163	79.36%	4.373%
18	8.145	1026	1029	1033	rVB3	30894	46037	2.25%	0.124%
19	8.257	1042	1048	1050	rBV5	17360	31846	1.56%	0.086%
20	8.287	1050	1053	1059	rVV3	27979	52549	2.57%	0.142%
21	8.381	1063	1069	1075	rVV5	38700	73739	3.61%	0.199%
22	8.434	1075	1078	1081	rVV2	20294	21205	1.04%	0.057%
23	8.469	1081	1084	1087	rBV3	36229	40060	1.96%	0.108%
24	8.510	1087	1091	1096	rBV2	34352	56065	2.74%	0.151%
25	8.592	1101	1105	1109	rBV2	61854	81775	4.00%	0.220%
26	8.681	1115	1120	1124	rBV	164406	216823	10.60%	0.584%
27	8.745	1128	1131	1134	rVV2	36417	51082	2.50%	0.138%
28	8.798	1136	1140	1144	rVB	199654	256113	12.52%	0.690%
29	8.898	1152	1157	1165	rBV2	180860	297237	14.53%	0.801%
30	8.963	1165	1168	1171	rBV4	18433	26133	1.28%	0.070%
31	9.045	1179	1182	1186	rVB2	44404	58574	2.86%	0.158%
32	9.110	1186	1193	1197	rBV3	64041	128553	6.29%	0.346%
33	9.163	1197	1202	1206	rVB	1624250	2045393	100.00%	5.511%
34	9.245	1211	1216	1222	rBV2	266413	394327	19.28%	1.062%
35	9.310	1225	1227	1232	rVB	37568	47585	2.33%	0.128%
36	9.422	1241	1246	1252	rBV2	109398	191785	9.38%	0.517%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.498	1252	1259	1262	rBV2	187473	325752	15.93%	0.878%
38	9.563	1266	1270	1273	rVV3	135867	226176	11.06%	0.609%
39	9.622	1277	1280	1284	rVB2	105989	145809	7.13%	0.393%
40	9.704	1290	1294	1298	rBV	105039	143710	7.03%	0.387%
41	9.775	1302	1306	1310	rVV	333768	412456	20.17%	1.111%
42	9.839	1310	1317	1321	rVV	981240	1318364	64.46%	3.552%
43	9.875	1321	1323	1327	rVB2	127380	131229	6.42%	0.354%
44	9.951	1332	1336	1340	rVB2	46303	60982	2.98%	0.164%
45	10.010	1342	1346	1347	rBV2	53547	69370	3.39%	0.187%
46	10.045	1348	1352	1356	rVV	174268	236942	11.58%	0.638%
47	10.098	1357	1361	1365	rVB5	76402	124088	6.07%	0.334%
48	10.163	1369	1372	1374	rBV2	34282	43671	2.14%	0.118%
49	10.275	1387	1391	1395	rVB	398564	480098	23.47%	1.293%
50	10.386	1406	1410	1417	rBV	303964	451978	22.10%	1.218%
51	10.498	1424	1429	1434	rVV	160499	246374	12.05%	0.664%
52	10.551	1434	1438	1442	rVV2	335484	430836	21.06%	1.161%
53	10.628	1446	1451	1456	rBV	1054048	1356974	66.34%	3.656%
54	10.751	1468	1472	1480	rVB	542534	864854	42.28%	2.330%
55	10.939	1500	1504	1506	rBV2	92117	132053	6.46%	0.356%
56	11.198	1544	1548	1551	rBV	414981	565627	27.65%	1.524%
57	11.228	1551	1553	1559	rVB	289484	365318	17.86%	0.984%
58	11.333	1566	1571	1572	rBV	867791	1146400	56.05%	3.089%
59	11.357	1572	1575	1579	rVV	1268920	1629514	79.67%	4.390%
60	11.404	1579	1583	1587	rVB	277766	363789	17.79%	0.980%
61	11.627	1617	1621	1625	rBV	418787	516481	25.25%	1.392%
62	11.833	1652	1656	1657	rBV	184677	209467	10.24%	0.564%
63	11.863	1657	1661	1665	rVB	589878	799945	39.11%	2.155%
64	11.945	1671	1675	1683	rVB	340436	657667	32.15%	1.772%
65	12.033	1686	1690	1698	rVB	336833	458509	22.42%	1.235%
66	12.127	1703	1706	1714	rVB3	88358	144889	7.08%	0.390%
67	12.316	1735	1738	1744	rVB3	77119	135140	6.61%	0.364%
68	12.380	1746	1749	1752	rVV	129825	166397	8.14%	0.448%
69	12.422	1752	1756	1761	rVB3	308003	443632	21.69%	1.195%
70	12.469	1761	1764	1772	rVB3	67605	103626	5.07%	0.279%
71	12.545	1772	1777	1782	rBV	1116172	1447520	70.77%	3.900%
72	12.645	1790	1794	1800	rBV2	168745	269853	13.19%	0.727%
73	12.774	1810	1816	1823	rBV	911125	1498794	73.28%	4.038%
74	12.916	1835	1840	1847	rVB	1253151	1668659	81.58%	4.496%
75	12.992	1849	1853	1857	rBV2	73341	127090	6.21%	0.342%
76	13.098	1868	1871	1875	rVB	178883	238628	11.67%	0.643%

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.163	1877	1882	1886	rBV3	186905	325748	15.93%	0.878%
78	13.204	1886	1889	1893	rVB2	100749	124446	6.08%	0.335%
79	13.298	1902	1905	1907	rBV	48906	47637	2.33%	0.128%
80	13.327	1908	1910	1912	rBV	43088	41671	2.04%	0.112%
81	13.498	1936	1939	1946	rVB2	82038	117793	5.76%	0.317%
82	13.721	1973	1977	1980	rBV2	72875	121389	5.93%	0.327%
83	13.974	2014	2020	2023	rBV2	940990	1587981	77.64%	4.278%
84	14.468	2102	2104	2107	rVB	66926	68863	3.37%	0.186%
85	15.033	2195	2200	2210	rBV	438198	956371	46.76%	2.577%
86	15.333	2247	2251	2256	rVB	235364	348917	17.06%	0.940%
87	15.392	2257	2261	2267	rBV	340451	491425	24.03%	1.324%
88	15.457	2267	2272	2276	rBV	535700	827504	40.46%	2.229%
89	16.904	2514	2518	2528	rVB2	145942	305338	14.93%	0.823%

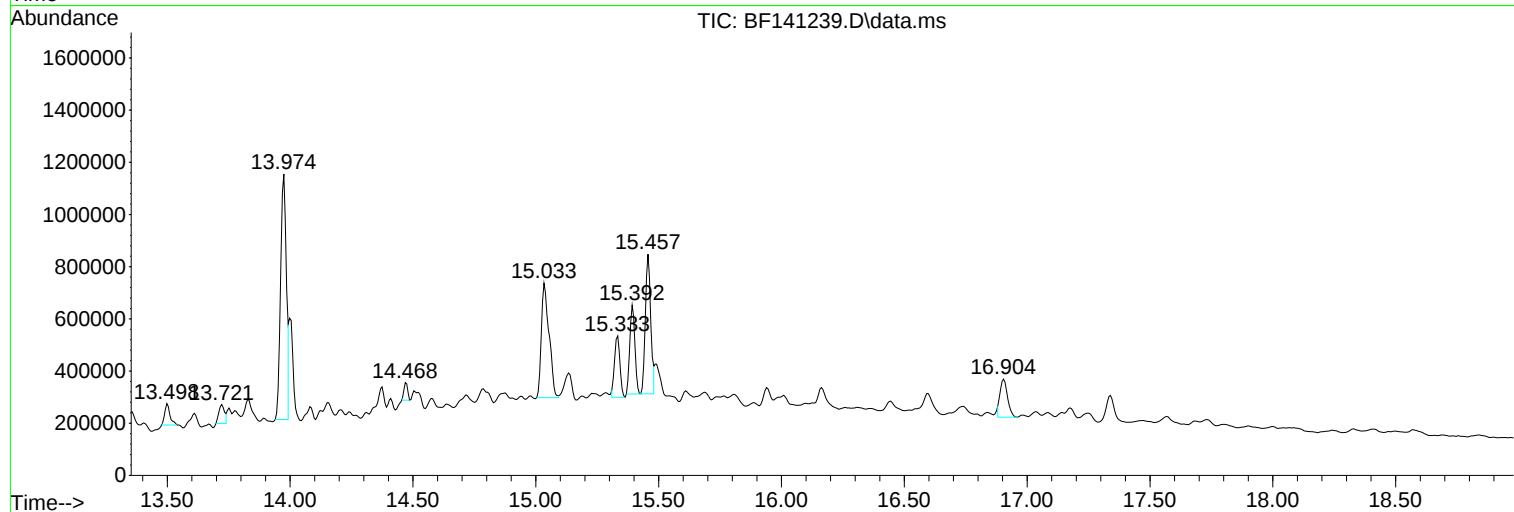
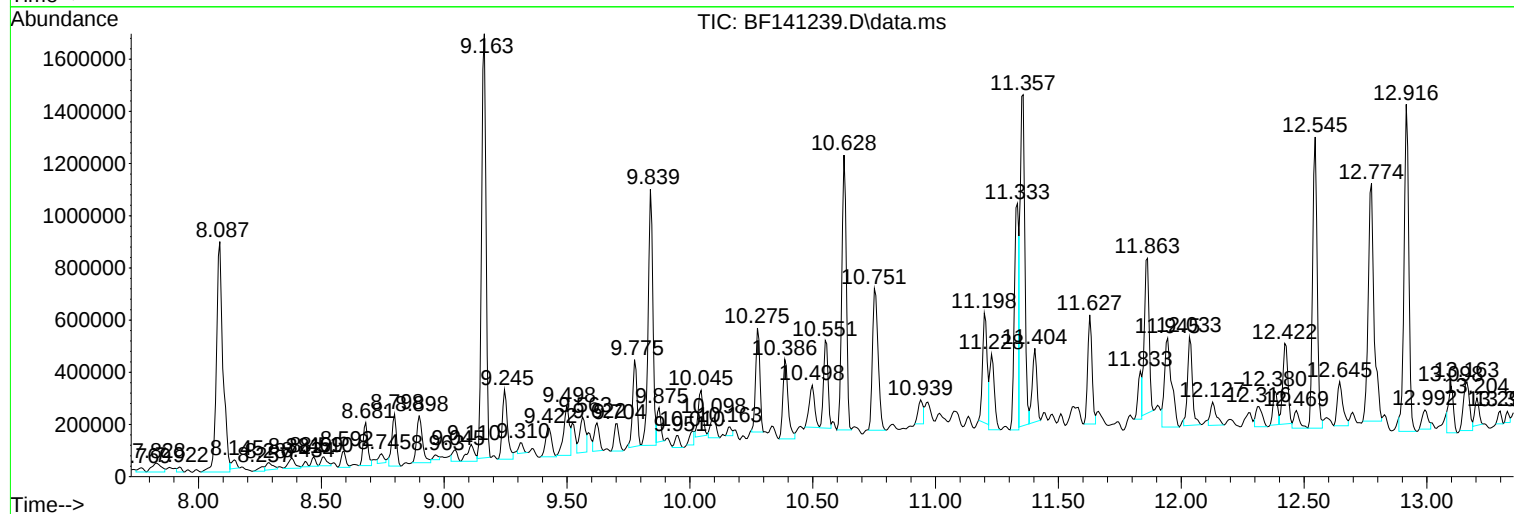
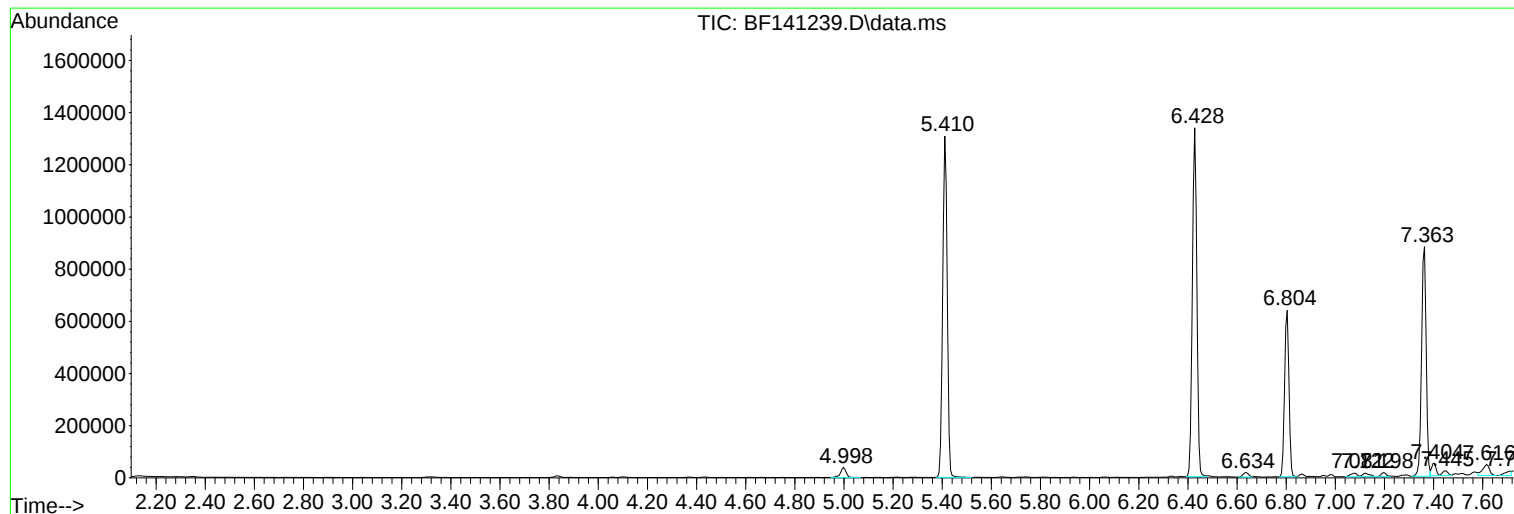
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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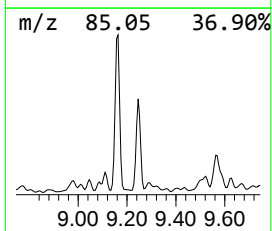
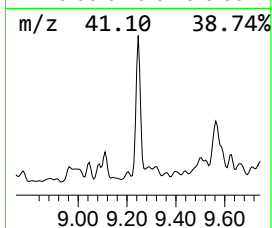
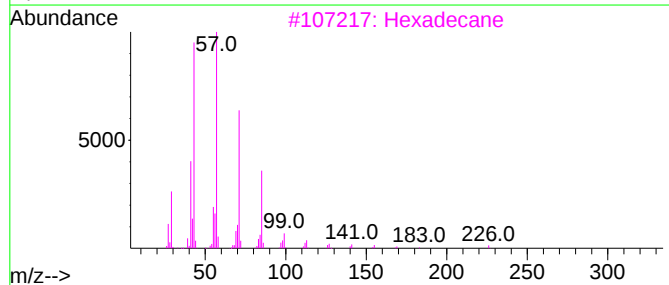
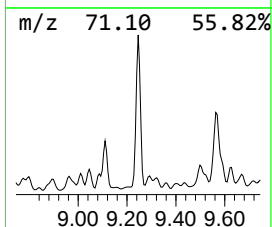
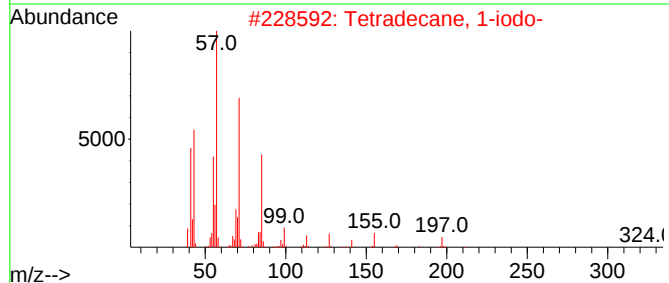
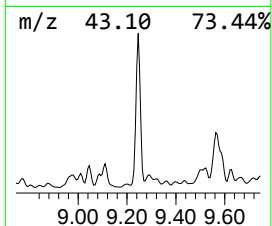
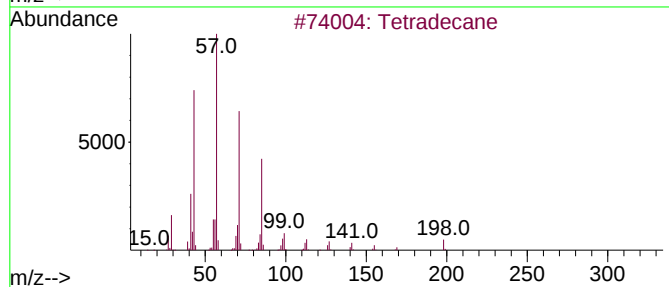
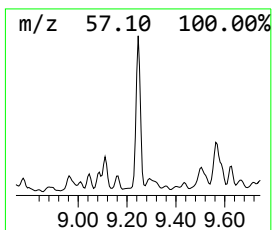
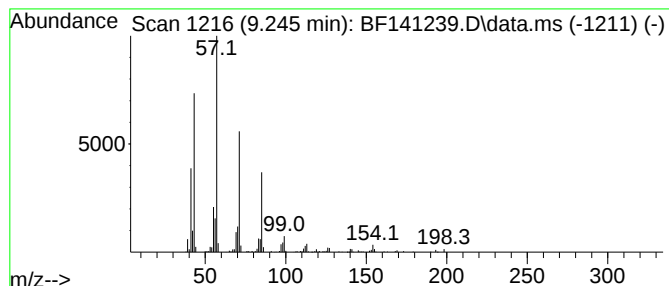
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.245	5.98 ng	394327	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3			Hexadecane	226	C16H34	000544-76-3	83
4			Nonadecane	268	C19H40	000629-92-5	80
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



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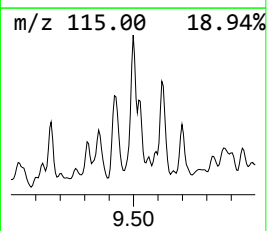
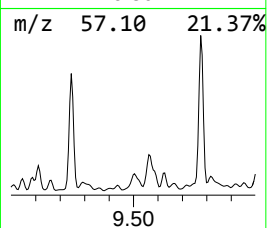
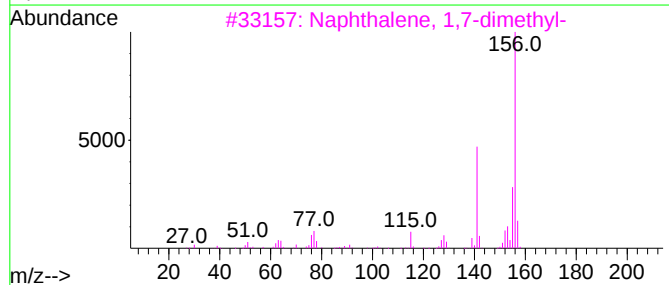
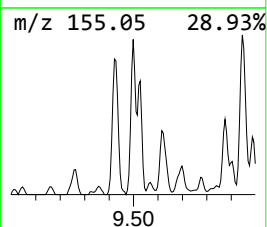
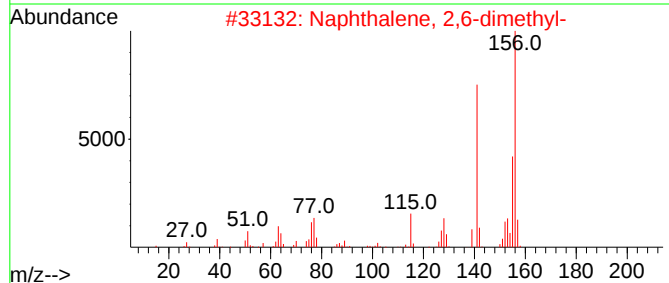
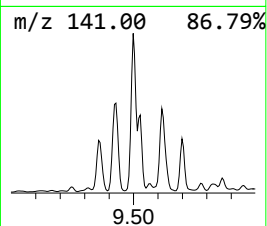
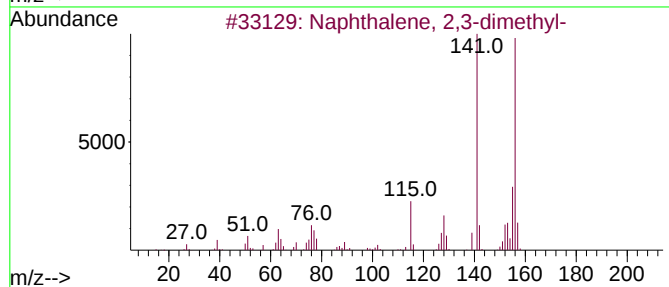
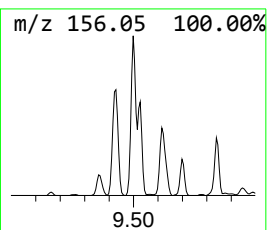
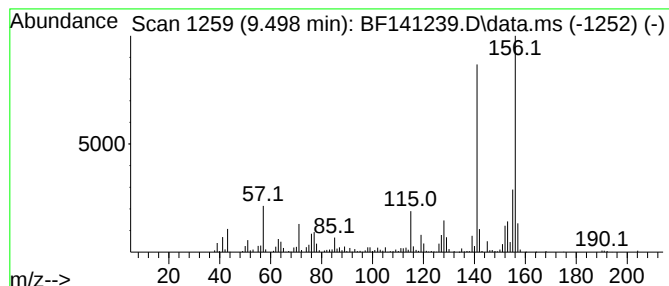
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	4.94 ng	325752	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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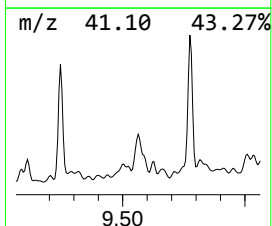
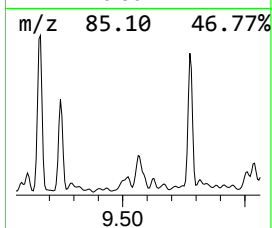
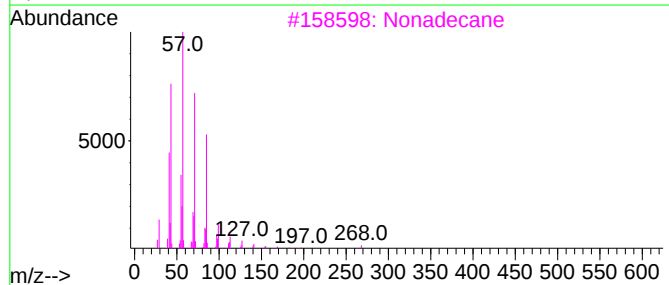
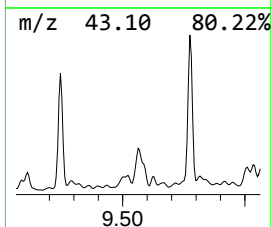
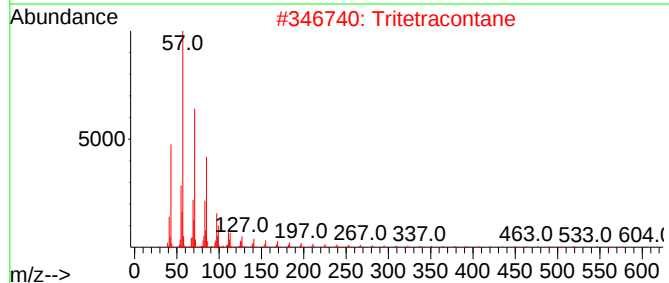
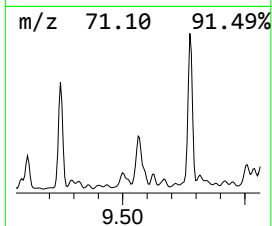
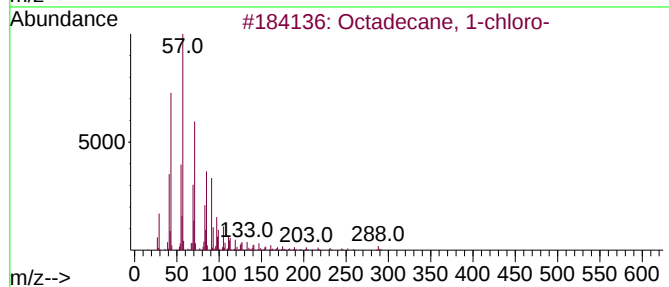
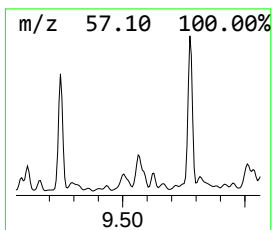
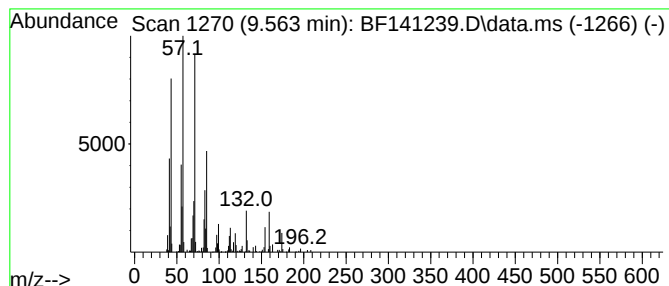
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octadecane, 1-chloro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	3.43 ng	226176	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
2			Tritetracontane	605	C43H88	007098-21-7	59
3			Nonadecane	268	C19H40	000629-92-5	58
4			Tetracosane	338	C24H50	000646-31-1	58
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53



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Sample : Q1142-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-1-012125

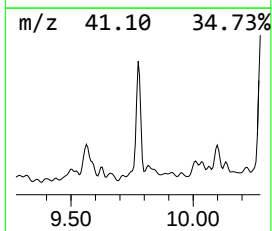
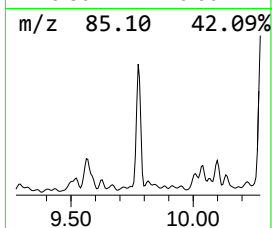
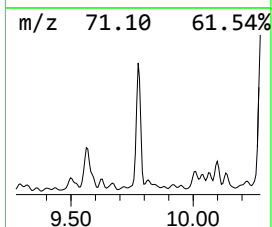
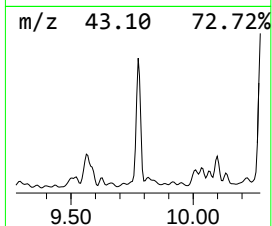
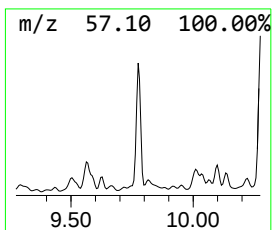
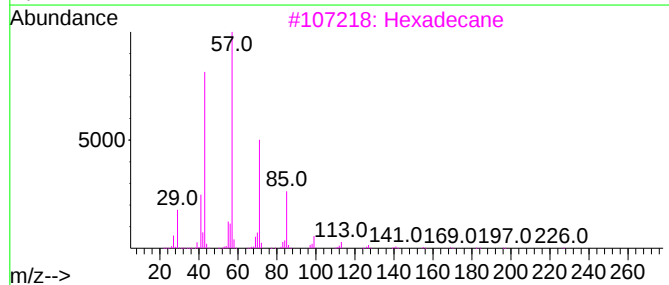
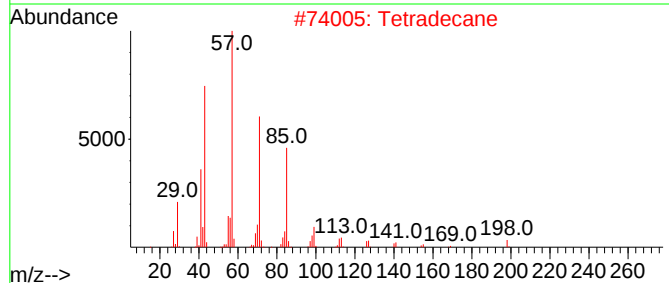
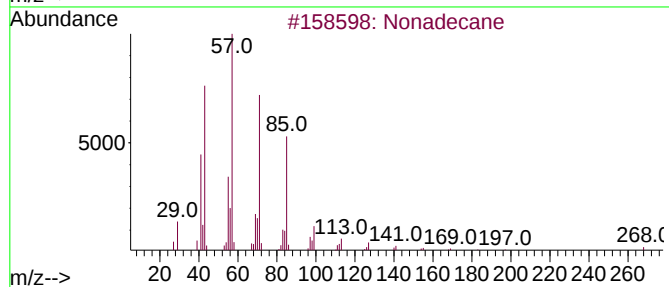
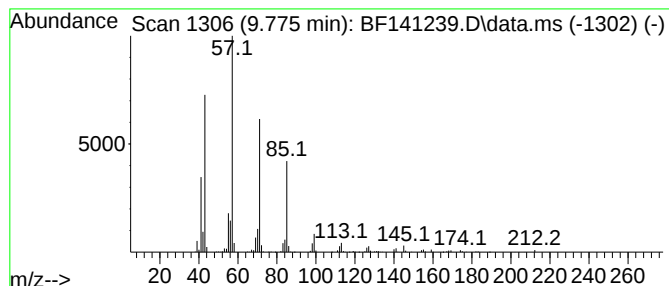
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
9.775	6.26 ng	412456	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Tetradecane	198	C14H30	000629-59-4	86
3			Hexadecane	226	C16H34	000544-76-3	80
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141239.D
Acq On : 22 Jan 2025 17:06
Operator : RC/JU
Sample : Q1142-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-1-012125

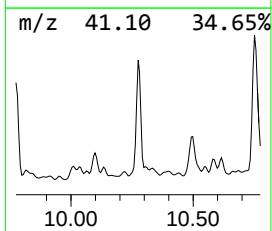
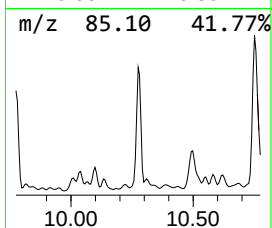
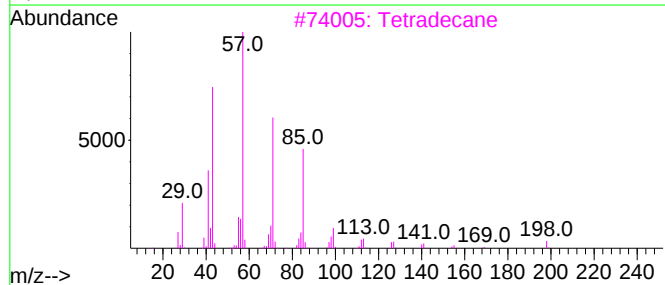
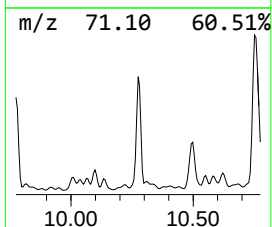
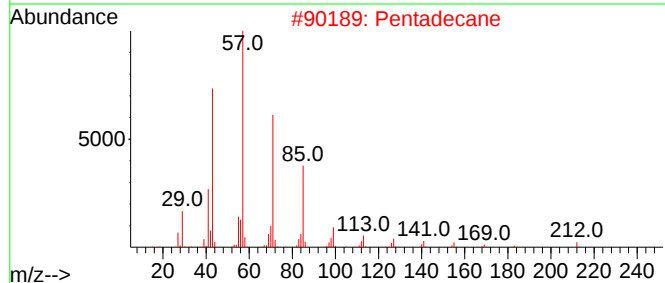
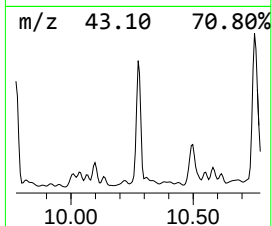
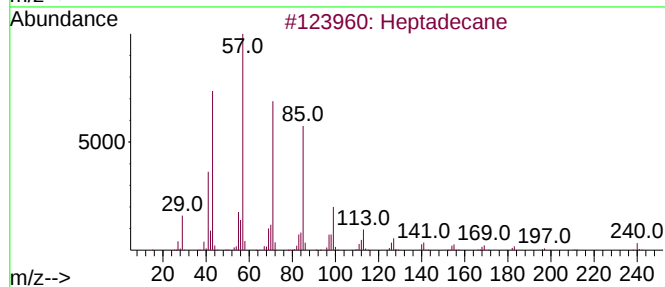
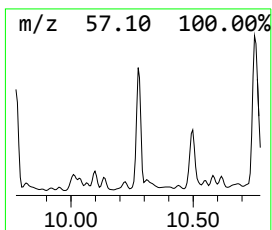
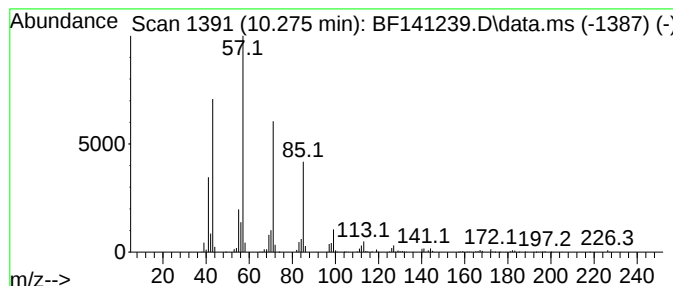
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.275	7.28 ng	480098	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Pentadecane	212	C15H32	000629-62-9	90
3			Tetradecane	198	C14H30	000629-59-4	87
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141239.D
Acq On : 22 Jan 2025 17:06
Operator : RC/JU
Sample : Q1142-01
Misc :
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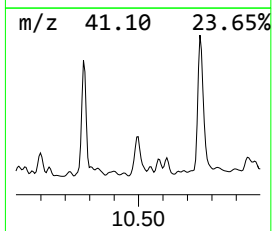
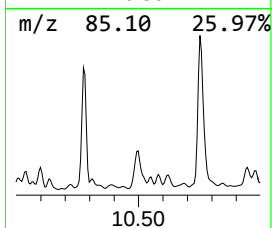
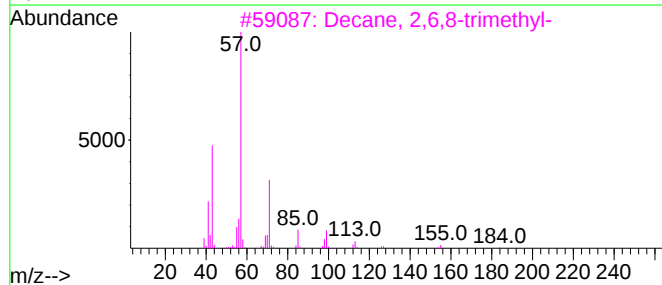
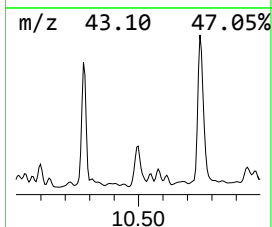
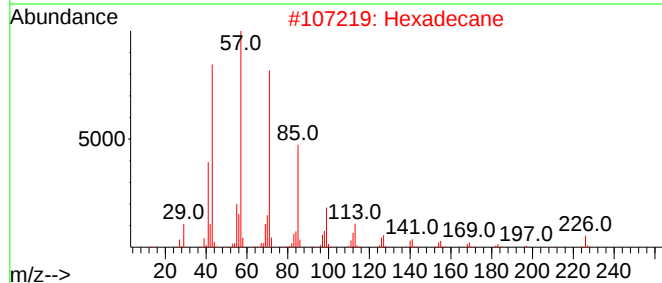
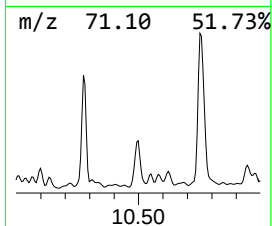
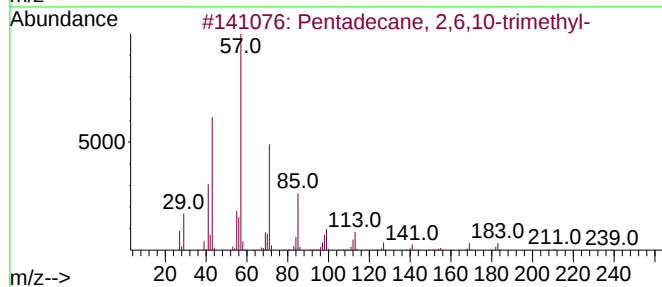
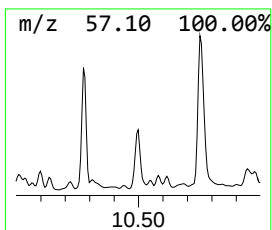
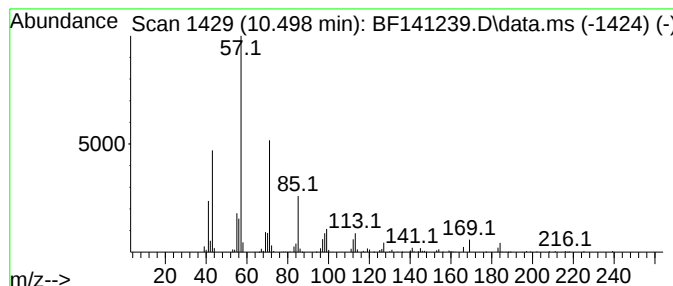
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.498	3.74 ng	246374	Acenaphthene-d10	9.839	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Hexadecane	226	C16H34	000544-76-3	72
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141239.D
Acq On : 22 Jan 2025 17:06
Operator : RC/JU
Sample : Q1142-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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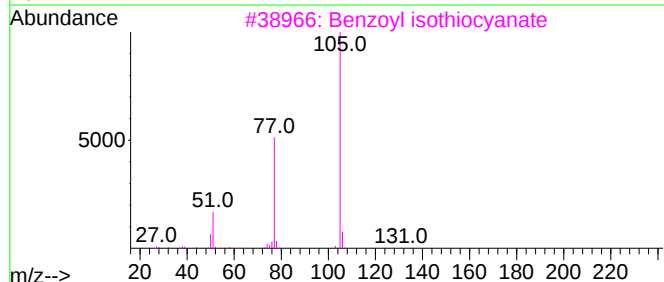
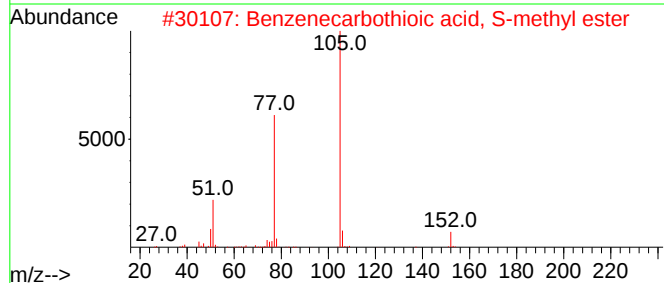
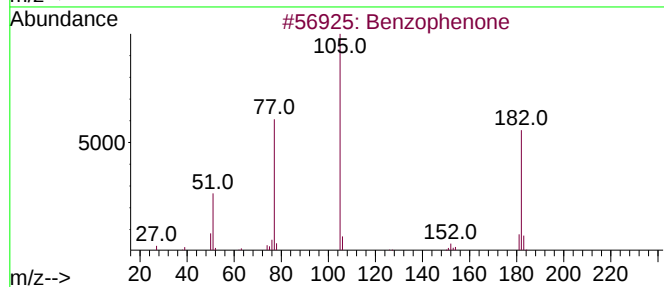
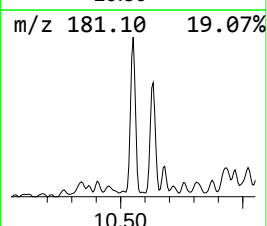
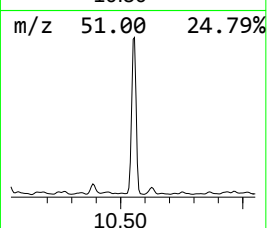
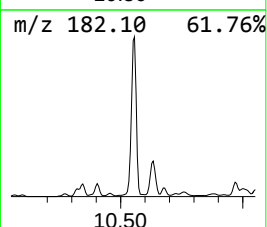
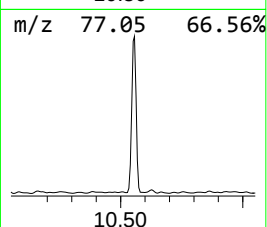
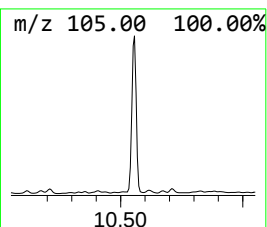
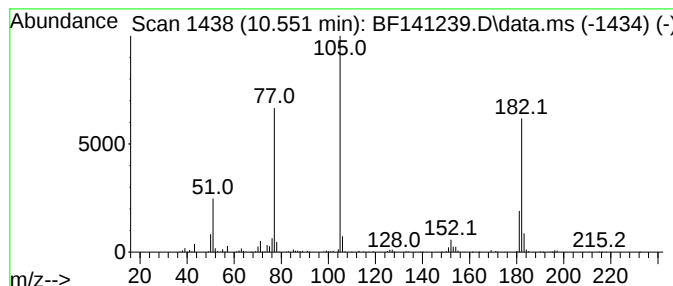
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	6.54 ng	430836	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3			Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	43
4			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43
5			.beta.-Benzilmonoxime	225	C14H11NO2	014090-77-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
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Acq On : 22 Jan 2025 17:06
Operator : RC/JU
Sample : Q1142-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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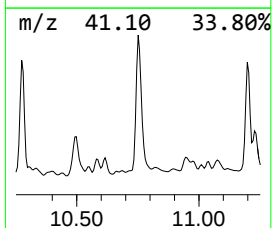
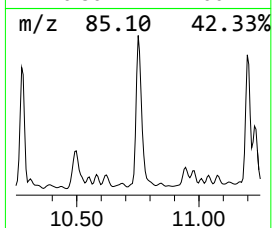
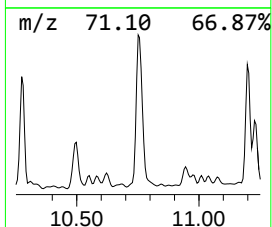
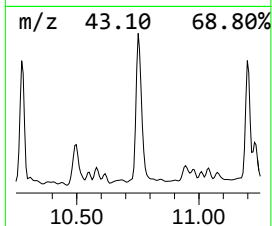
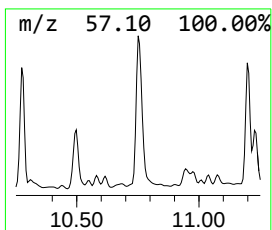
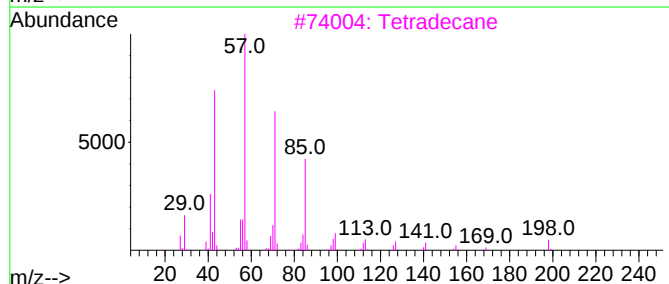
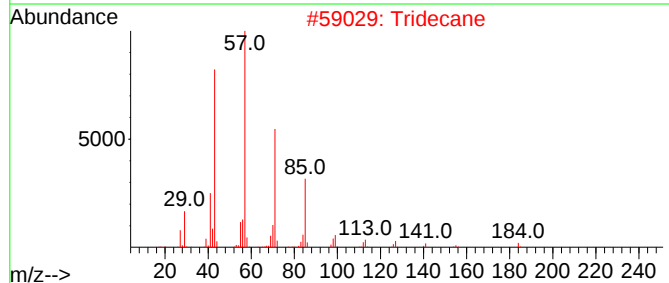
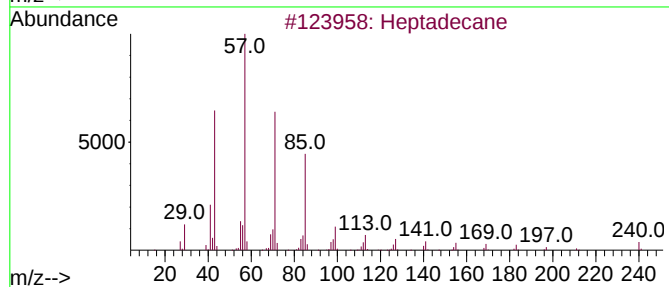
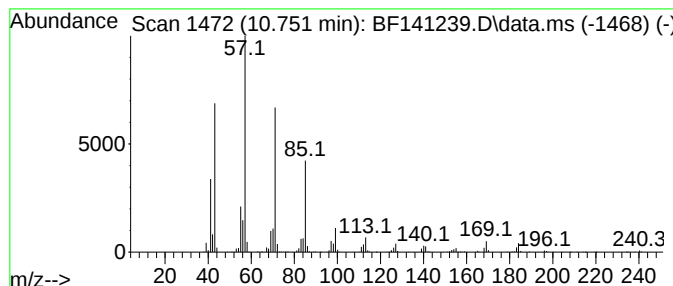
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	15.09 ng	864854	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Tridecane	184	C13H28	000629-50-5	93
3			Tetradecane	198	C14H30	000629-59-4	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141239.D
Acq On : 22 Jan 2025 17:06
Operator : RC/JU
Sample : Q1142-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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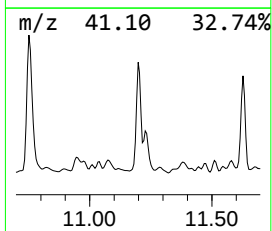
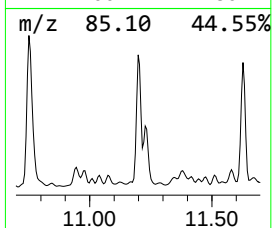
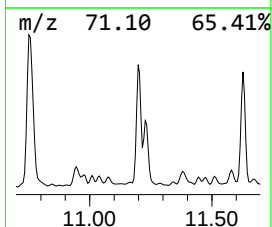
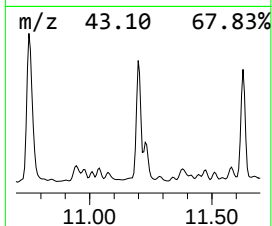
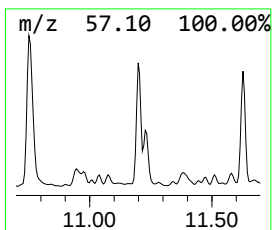
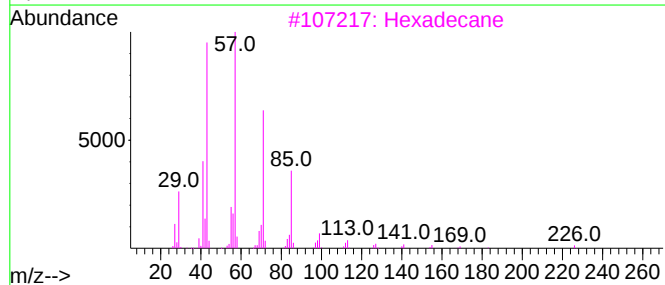
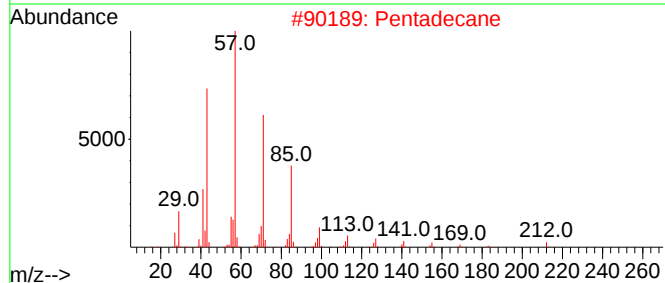
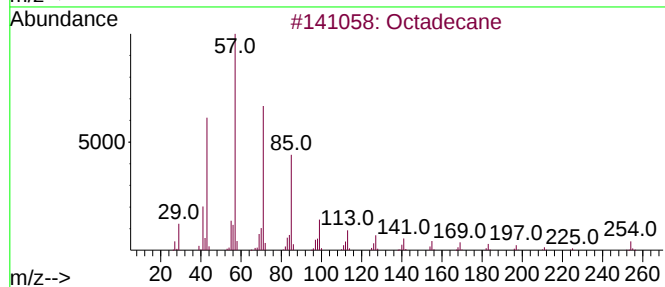
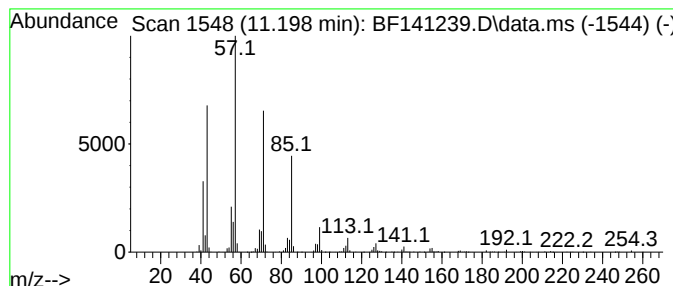
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	9.87 ng	565627	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Pentadecane	212	C15H32	000629-62-9	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

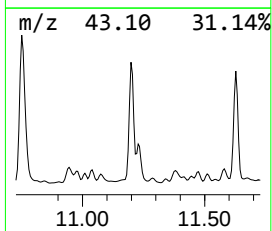
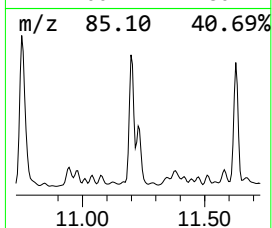
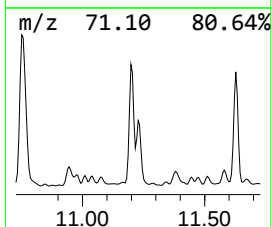
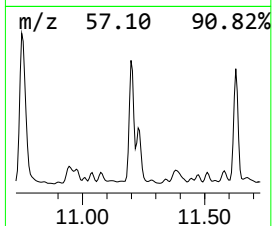
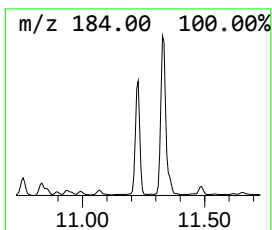
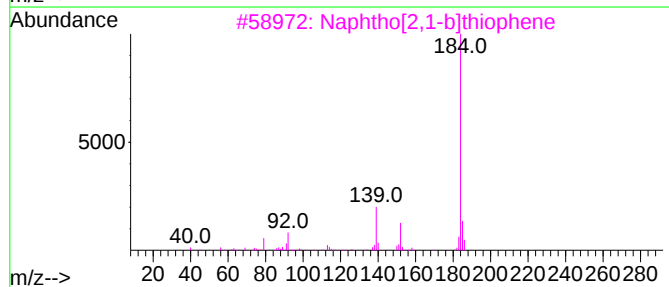
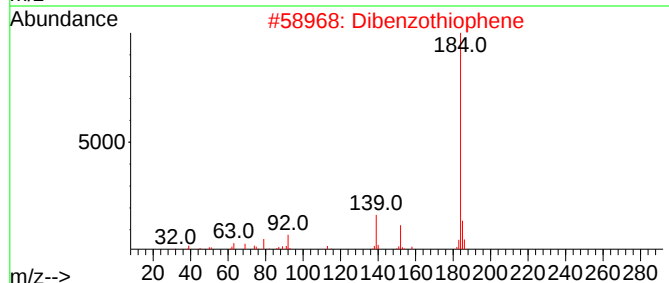
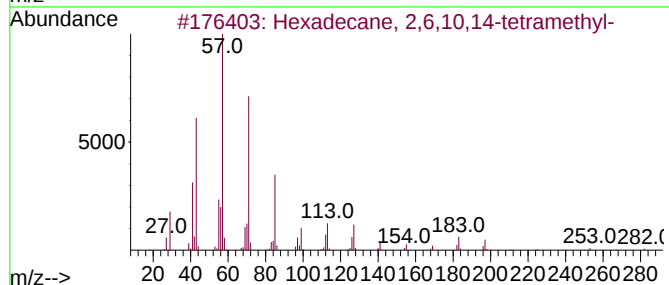
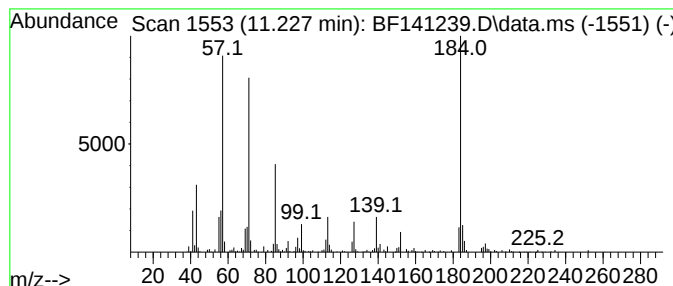
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.227 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.227	6.37 ng	365318	Phenanthrene-d10	11.328	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
2	Dibenzothiophene	184	C12H8S	000132-65-0	46
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	46
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	46
5	Decane, 3-methyl-	156	C11H24	013151-34-3	43



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Acq On : 22 Jan 2025 17:06
Operator : RC/JU
Sample : Q1142-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-1-012125

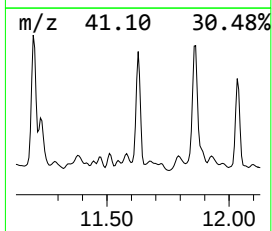
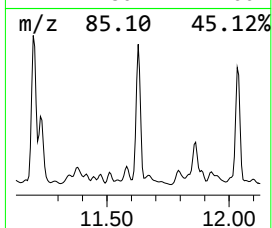
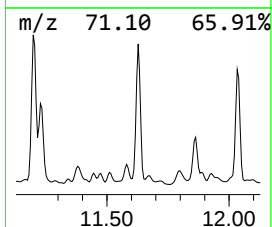
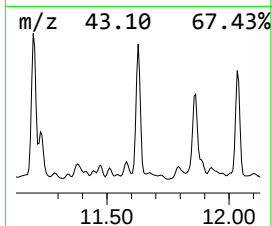
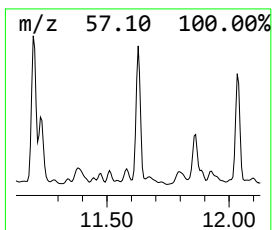
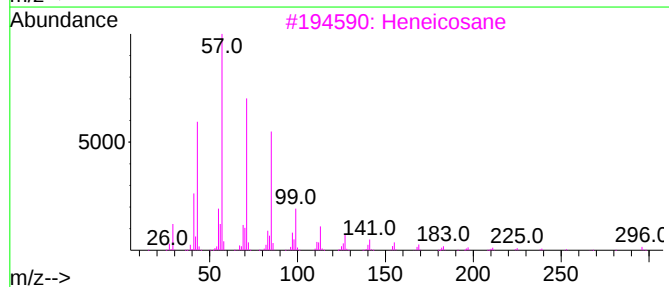
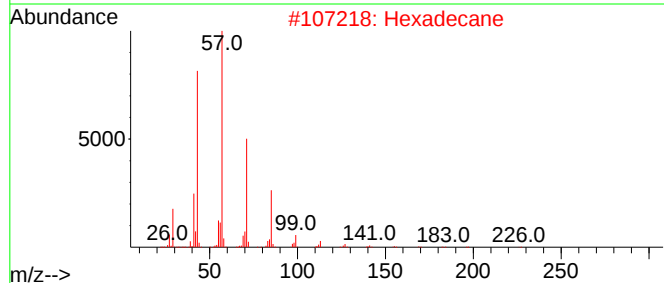
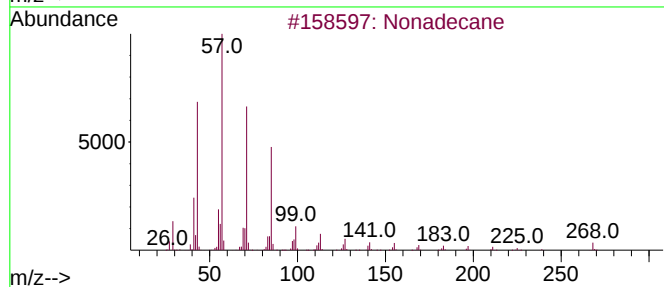
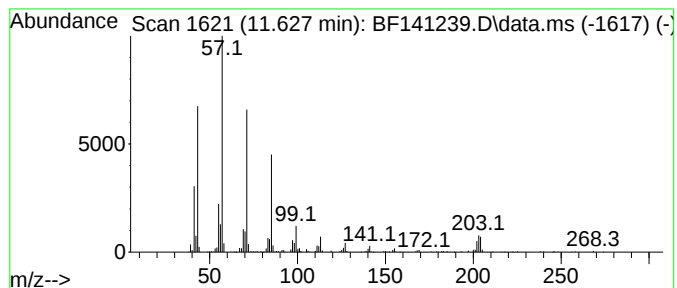
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.628	9.01 ng	516481	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Hexadecane	226	C16H34	000544-76-3	86
3			Heneicosane	296	C21H44	000629-94-7	86
4			Decane, 1-iodo-	268	C10H21I	002050-77-3	81
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
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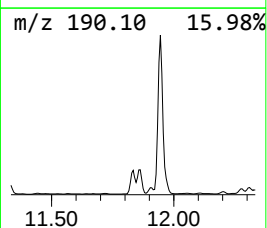
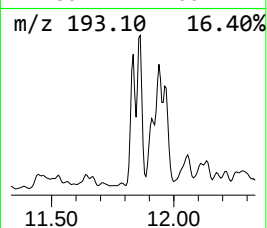
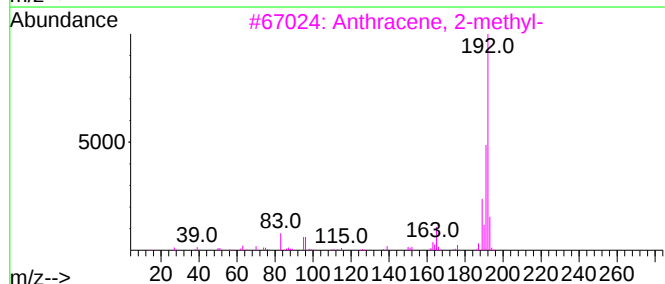
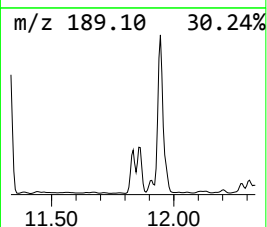
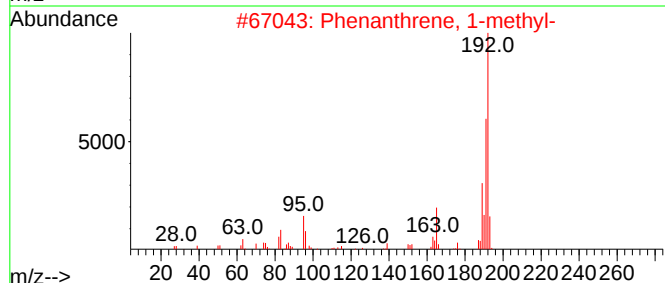
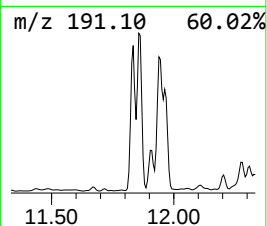
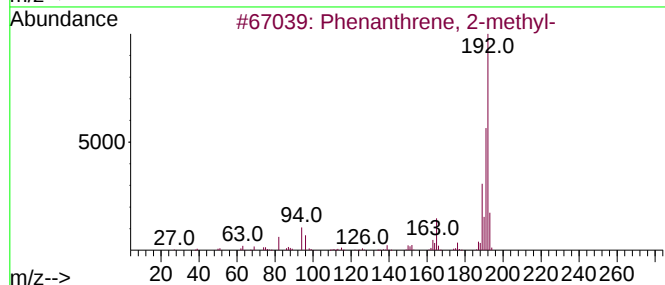
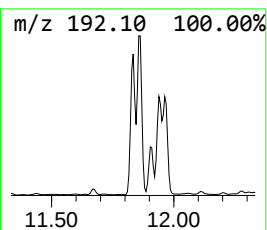
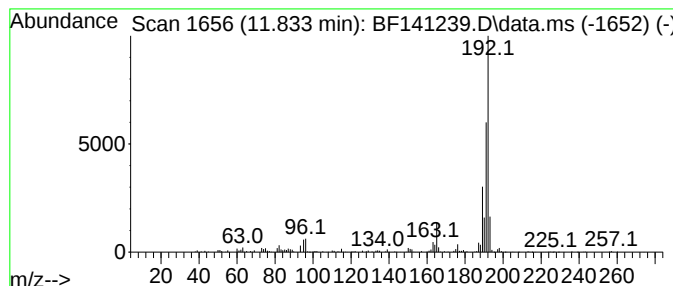
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	3.65 ng	209467	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141239.D
Acq On : 22 Jan 2025 17:06
Operator : RC/JU
Sample : Q1142-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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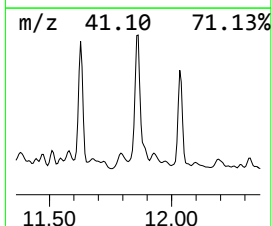
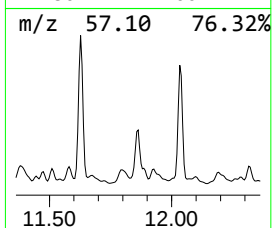
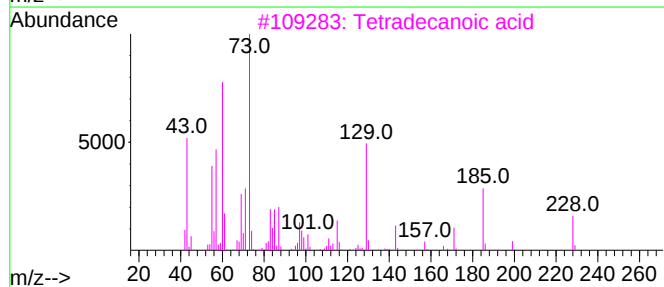
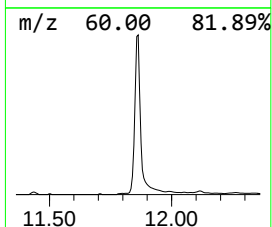
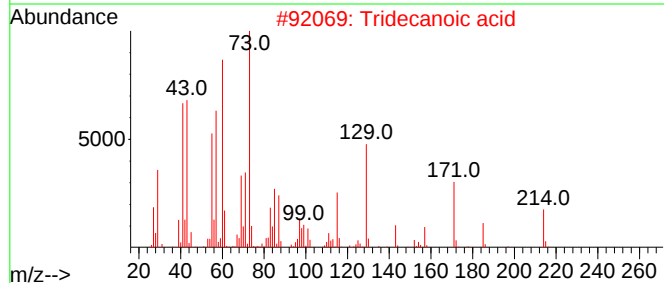
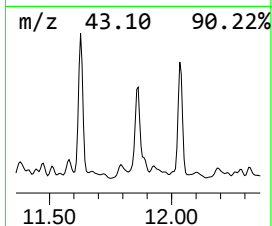
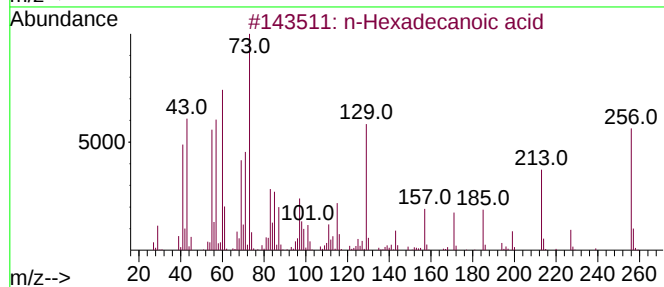
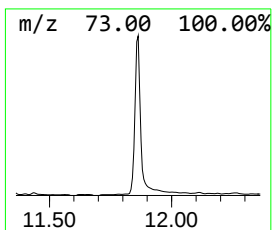
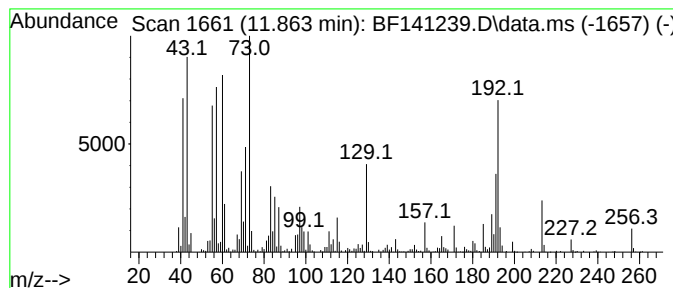
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	13.96 ng	799945	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	92
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
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Sample : Q1142-01
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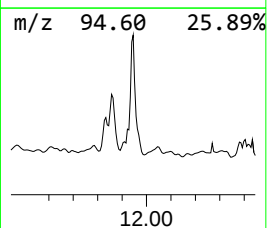
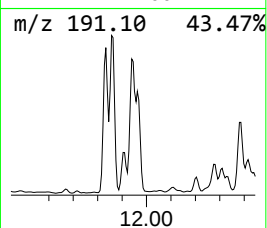
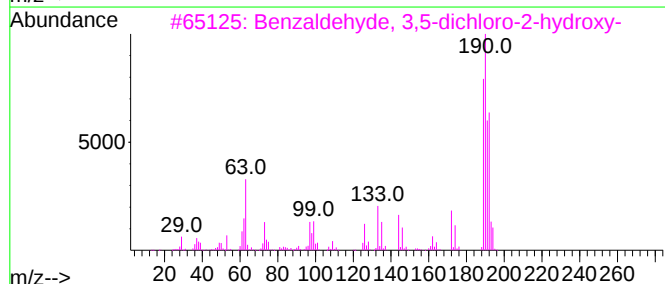
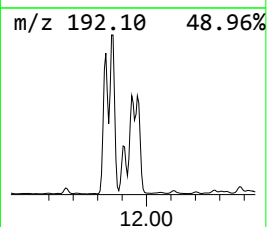
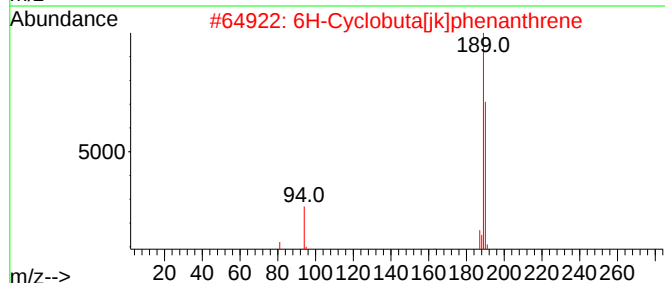
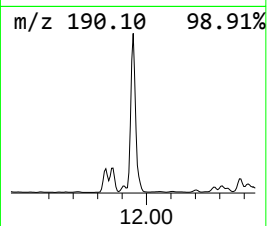
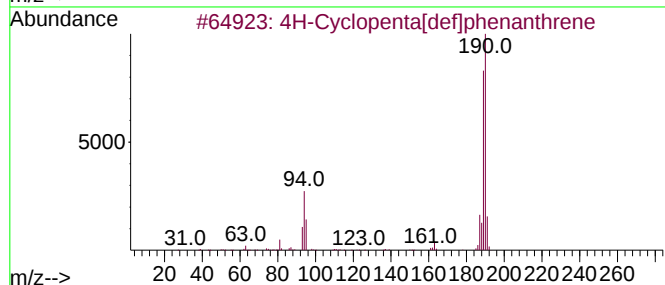
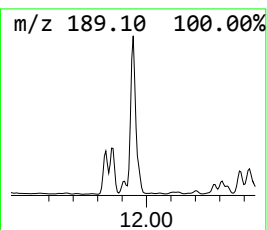
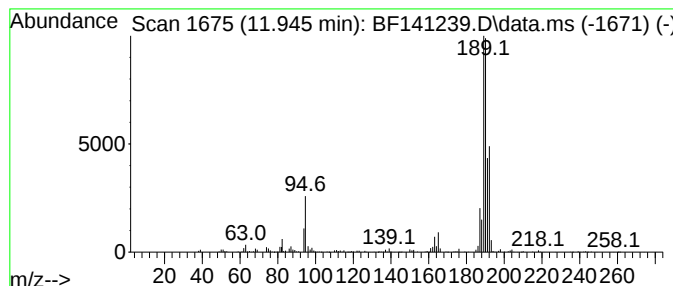
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.945	11.47 ng	657667	Phenanthrene-d10		11.328	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	50
4	4,6-Dichloro-2-ethylpyrimidin-5-...		191	C6H7Cl2N3	006237-96-3	43
5	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
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Acq On : 22 Jan 2025 17:06
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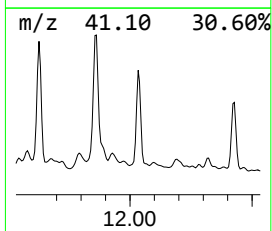
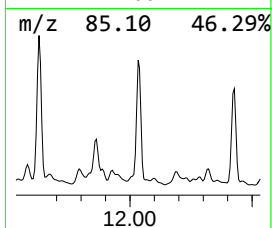
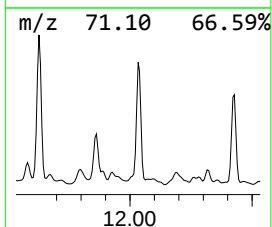
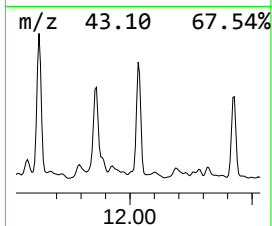
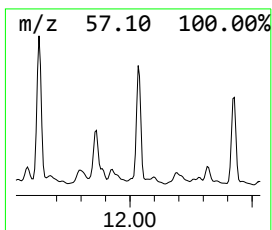
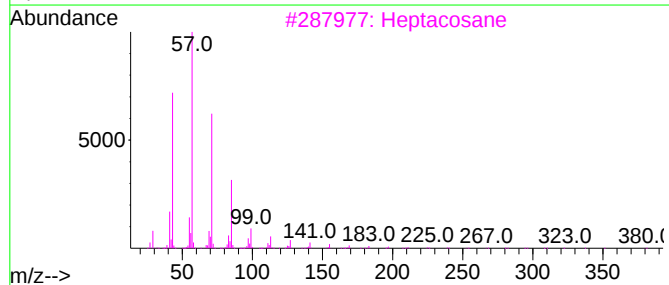
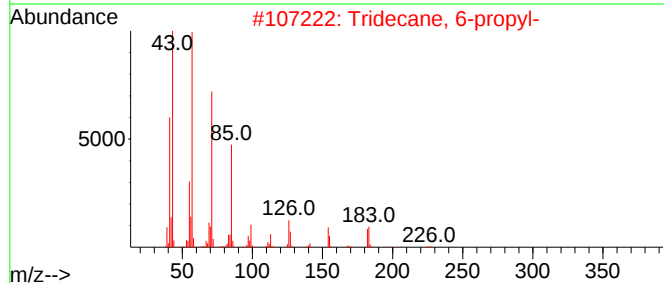
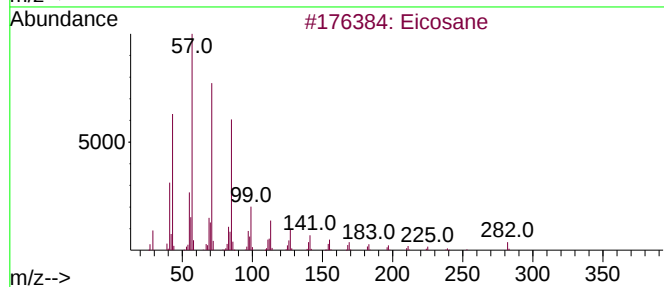
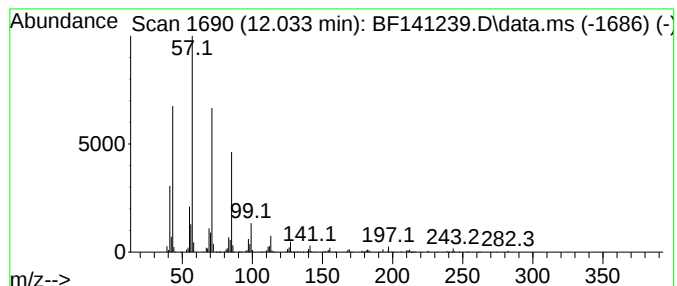
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	8.00 ng	458509	Phenanthrene-d10	11.328

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	96
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	94
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141239.D
Acq On : 22 Jan 2025 17:06
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Sample : Q1142-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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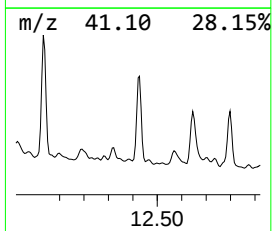
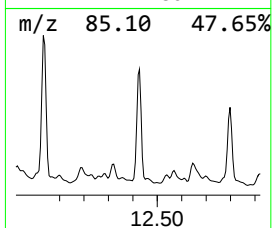
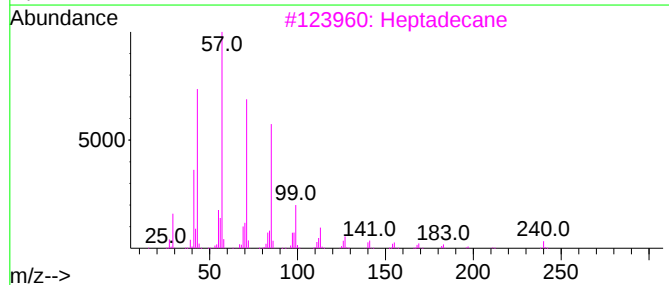
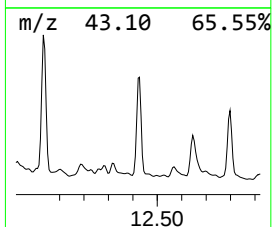
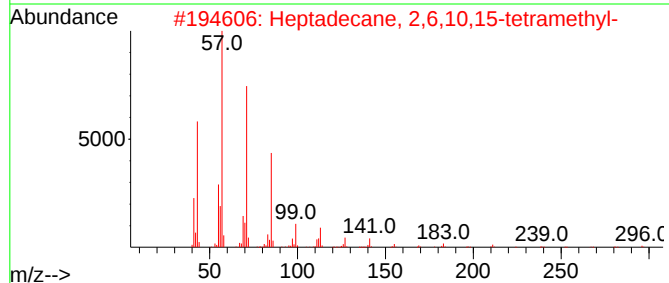
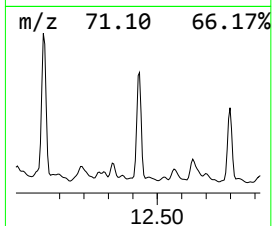
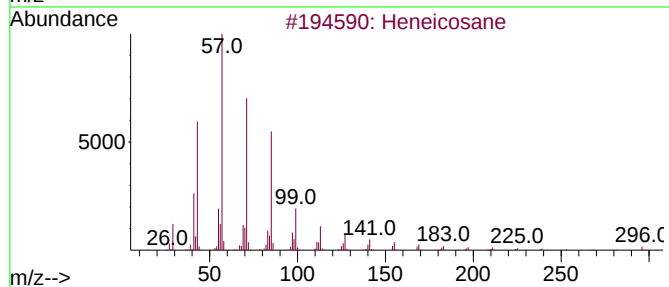
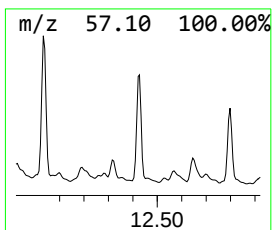
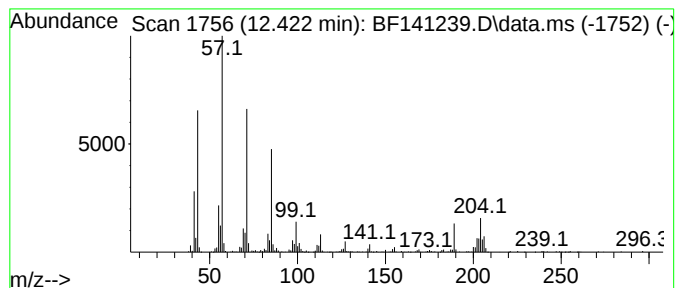
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	7.74 ng	443632	Phenanthrene-d10	11.328

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Heptadecane	240	C17H36	000629-78-7	86
4		Pentadecane	212	C15H32	000629-62-9	62
5		Tetracosane	338	C24H50	000646-31-1	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141239.D
Acq On : 22 Jan 2025 17:06
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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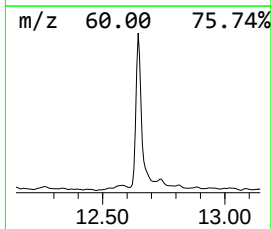
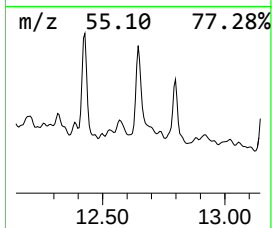
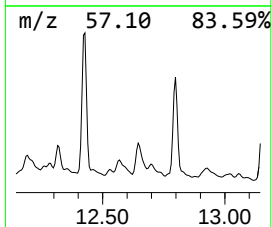
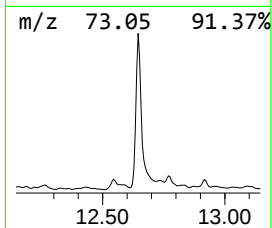
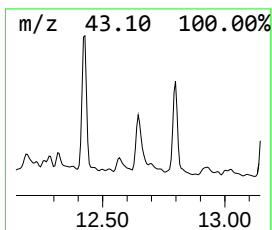
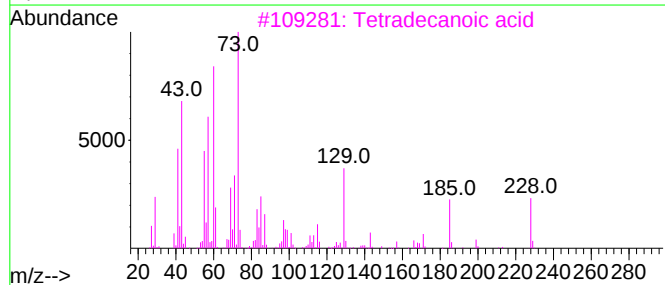
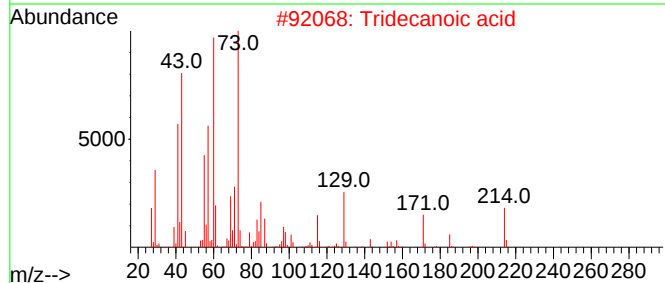
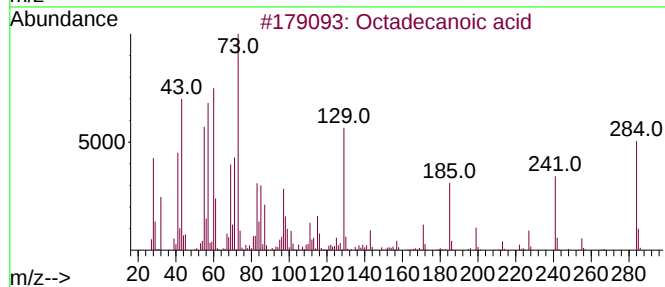
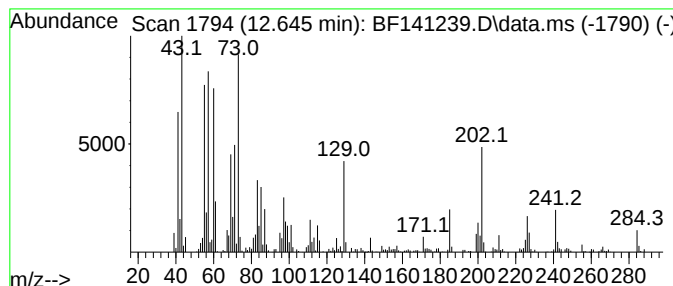
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	4.71 ng	269853	Phenanthrene-d10	11.328

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	64
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4		Dodecanoic acid	200	C12H24O2	000143-07-7	58
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	51



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141239.D
Acq On : 22 Jan 2025 17:06
Operator : RC/JU
Sample : Q1142-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

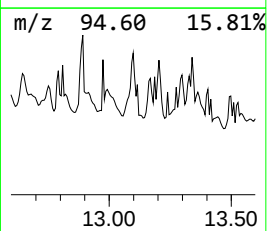
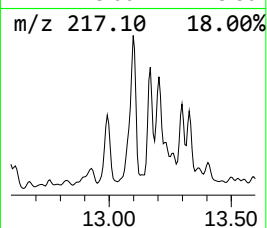
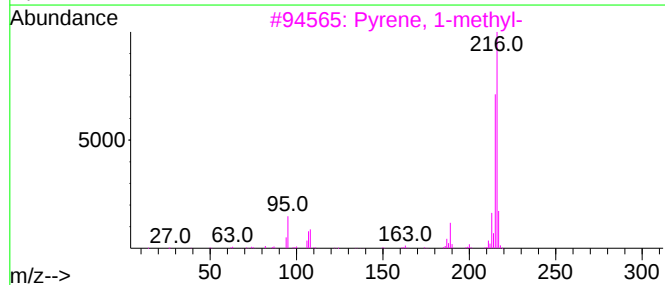
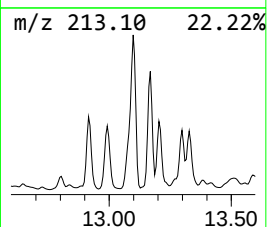
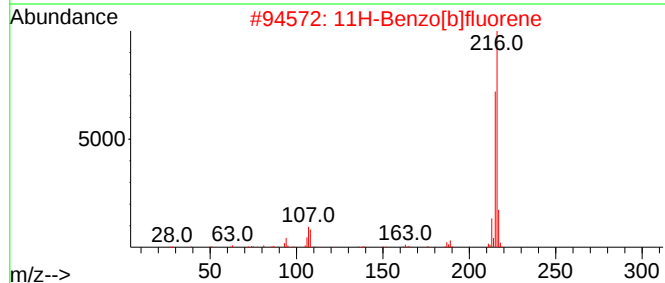
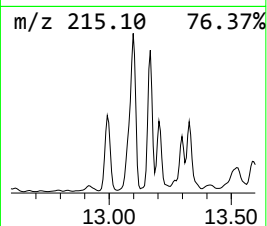
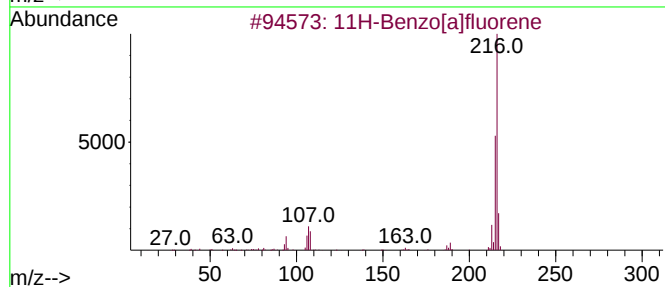
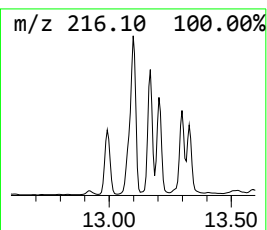
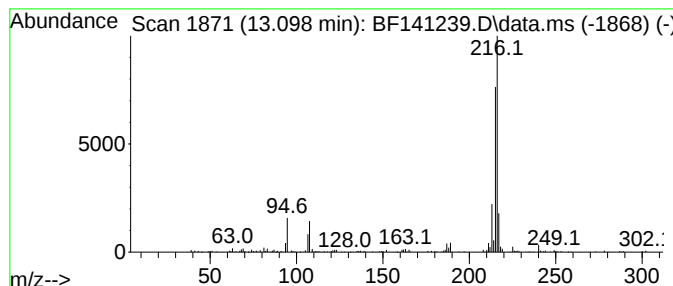
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.098	3.01 ng	238628	Chrysene-d12		13.974	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-		216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	74
5	7H-Benzo[c]fluorene		216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141239.D
Acq On : 22 Jan 2025 17:06
Operator : RC/JU
Sample : Q1142-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-1-012125

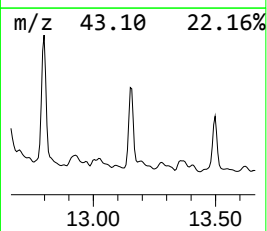
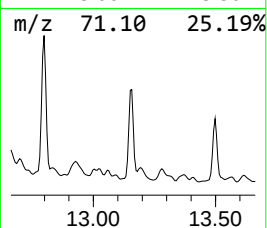
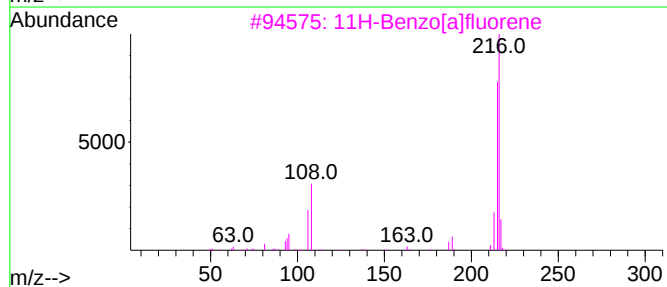
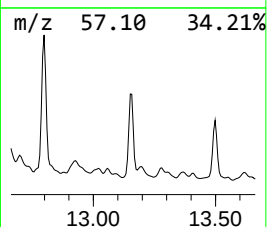
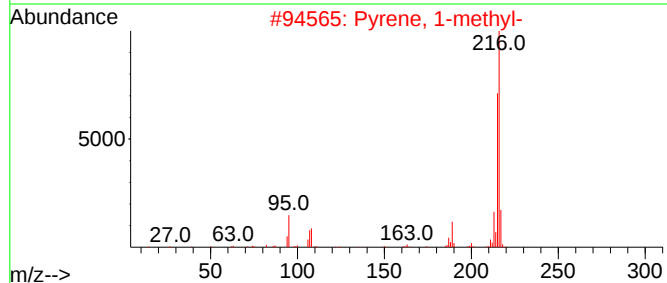
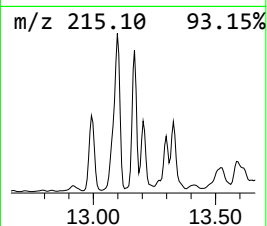
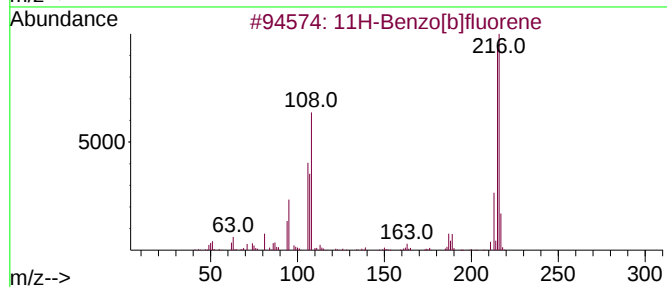
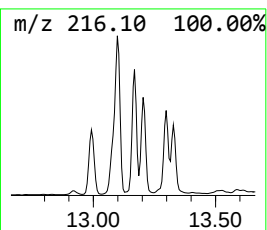
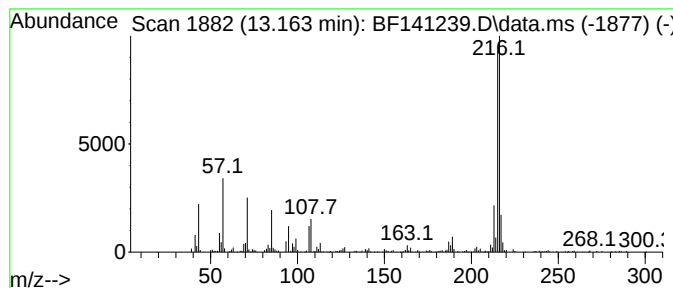
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	4.10 ng	325748	Chrysene-d12	13.974

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141239.D
Acq On : 22 Jan 2025 17:06
Operator : RC/JU
Sample : Q1142-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-1-012125

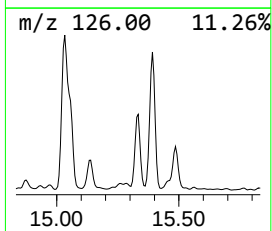
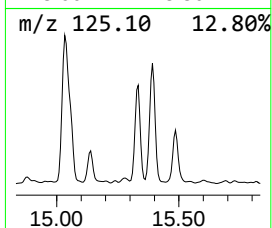
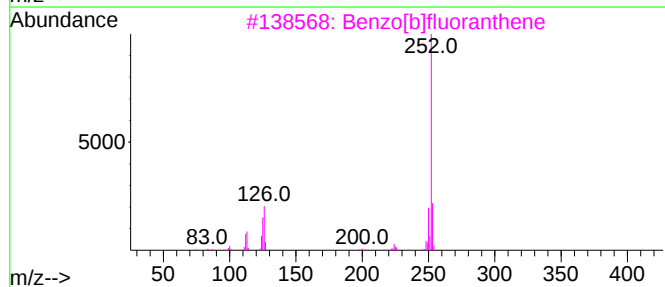
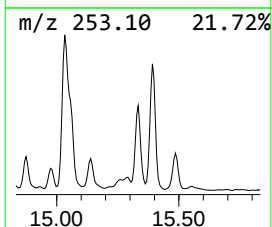
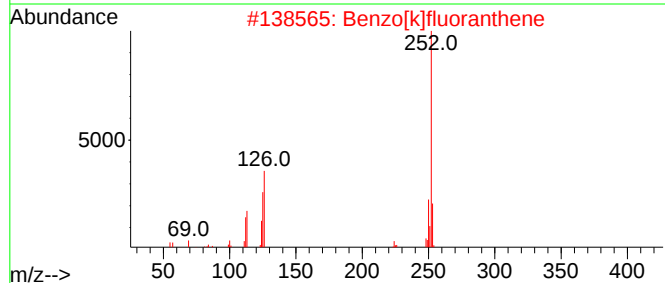
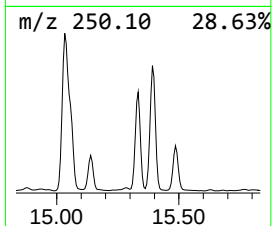
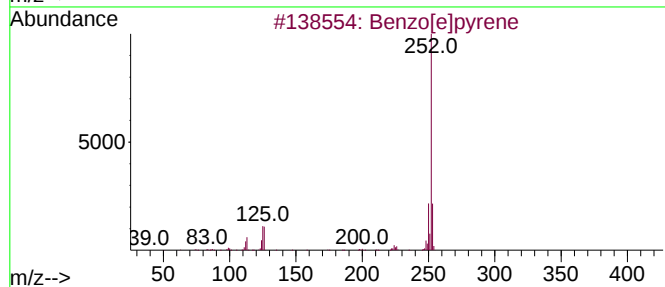
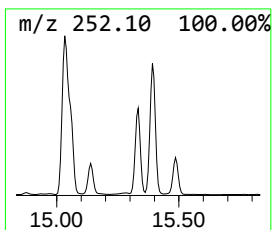
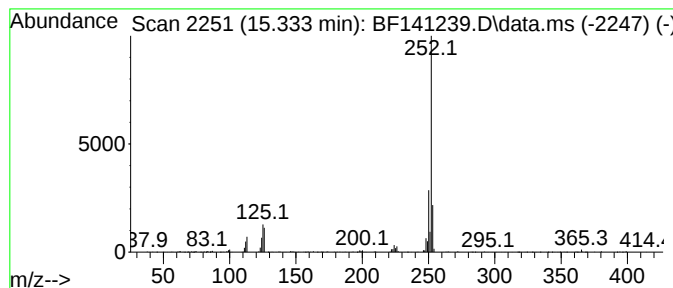
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	8.43 ng	348917	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
Data File : BF141239.D
Acq On : 22 Jan 2025 17:06
Operator : RC/JU
Sample : Q1142-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-1-012125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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
Tetradecane	9.245	6.0	ng	394327	3	9.839	1318360	20.0
Naphthalene, 2,...	9.498	4.9	ng	325752	3	9.839	1318360	20.0
Octadecane, 1-c...	9.563	3.4	ng	226176	3	9.839	1318360	20.0
Nonadecane	9.775	6.3	ng	412456	3	9.839	1318360	20.0
Heptadecane	10.275	7.3	ng	480098	3	9.839	1318360	20.0
Pentadecane, 2,...	10.498	3.7	ng	246374	3	9.839	1318360	20.0
Benzophenone	10.551	6.5	ng	430836	3	9.839	1318360	20.0
Tridecane	10.751	15.1	ng	864854	4	11.328	1146400	20.0
Octadecane	11.198	9.9	ng	565627	4	11.328	1146400	20.0
unknown11.227	11.227	6.4	ng	365318	4	11.328	1146400	20.0
Hexadecane	11.628	9.0	ng	516481	4	11.328	1146400	20.0
Phenanthrene, 2...	11.833	3.6	ng	209467	4	11.328	1146400	20.0
n-Hexadecanoic ...	11.863	14.0	ng	799945	4	11.328	1146400	20.0
4H-Cyclopenta[d...	11.945	11.5	ng	657667	4	11.328	1146400	20.0
Eicosane	12.033	8.0	ng	458509	4	11.328	1146400	20.0
Heneicosane	12.422	7.7	ng	443632	4	11.328	1146400	20.0
Octadecanoic acid	12.645	4.7	ng	269853	4	11.328	1146400	20.0
11H-Benzo[a]flu...	13.098	3.0	ng	238628	5	13.974	1587980	20.0
11H-Benzo[b]flu...	13.163	4.1	ng	325748	5	13.974	1587980	20.0
Benzo[e]pyrene	15.333	8.4	ng	348917	6	15.457	827504	20.0