

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
 Data File : BF137780.D
 Acq On : 30 Apr 2024 20:04
 Operator : CG\JU
 Sample : P2309-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-042924

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-BF043024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137780.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.669	605	609	615	rBV	430247	374519	4.78%	0.657%
2	6.657	774	777	782	rVB	490800	379112	4.84%	0.665%
3	7.057	841	845	848	rBV	1595412	1216300	15.52%	2.134%
4	7.322	884	890	893	rBV3	92291	122919	1.57%	0.216%
5	7.586	930	935	937	rBV	121993	144594	1.85%	0.254%
6	7.610	937	939	941	rVV	290581	258593	3.30%	0.454%
7	7.639	941	944	948	rVB	293833	270440	3.45%	0.474%
8	7.698	948	954	957	rBV3	100916	135642	1.73%	0.238%
9	7.863	980	982	987	rVB2	130867	128654	1.64%	0.226%
10	7.951	989	997	999	rBV4	133312	193796	2.47%	0.340%
11	8.075	1015	1018	1020	rBV	258209	199582	2.55%	0.350%
12	8.304	1054	1057	1060	rVV	584052	578505	7.38%	1.015%
13	8.339	1060	1063	1066	rVV	2009906	1720587	21.95%	3.019%
14	8.386	1068	1071	1074	rVB2	364112	323589	4.13%	0.568%
15	8.422	1074	1077	1083	rBV4	118615	155484	1.98%	0.273%
16	8.486	1083	1088	1091	rBV5	61916	126383	1.61%	0.222%
17	8.533	1094	1096	1100	rVB2	149102	143686	1.83%	0.252%
18	8.622	1108	1111	1116	rBV5	312351	358970	4.58%	0.630%
19	8.745	1130	1132	1134	rVB	380933	261746	3.34%	0.459%
20	8.845	1145	1149	1153	rBV2	405238	417724	5.33%	0.733%
21	8.916	1156	1161	1166	rBV	920062	793995	10.13%	1.393%
22	8.963	1166	1169	1172	rVV4	131642	195742	2.50%	0.343%
23	9.004	1173	1176	1179	rVV3	235198	318961	4.07%	0.560%
24	9.157	1200	1202	1205	rBV3	390425	377679	4.82%	0.663%
25	9.198	1207	1209	1211	rVV	217026	154492	1.97%	0.271%
26	9.245	1214	1217	1220	rVB4	197240	205595	2.62%	0.361%
27	9.280	1220	1223	1226	rBV2	330271	323661	4.13%	0.568%
28	9.345	1232	1234	1237	rVB2	354903	297586	3.80%	0.522%
29	9.410	1242	1245	1250	rVB	609902	576136	7.35%	1.011%
30	9.486	1254	1258	1261	rBV	1082193	960233	12.25%	1.685%
31	9.563	1269	1271	1274	rVB	270427	215875	2.75%	0.379%
32	9.675	1287	1290	1296	rVB5	172917	248007	3.16%	0.435%
33	9.739	1296	1301	1302	rBV3	212486	310592	3.96%	0.545%
34	9.757	1302	1304	1306	rVV2	238983	261505	3.34%	0.459%
35	9.804	1309	1312	1320	rVV4	583143	922064	11.77%	1.618%
36	9.863	1320	1322	1329	rVB4	206854	309039	3.94%	0.542%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BF043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.963	1336	1339	1342	rBV4	151904	137324	1.75%	0.241%
38	10.016	1345	1348	1352	rVB	1544247	1123897	14.34%	1.972%
39	10.104	1360	1363	1366	rVV	2081061	1569075	20.02%	2.753%
40	10.204	1376	1380	1384	rBV3	84609	122574	1.56%	0.215%
41	10.251	1384	1388	1390	rBV3	153539	219821	2.80%	0.386%
42	10.275	1390	1392	1394	rVV2	203974	153269	1.96%	0.269%
43	10.304	1394	1397	1400	rVB2	268188	250964	3.20%	0.440%
44	10.339	1400	1403	1405	rBV	375356	356354	4.55%	0.625%
45	10.375	1407	1409	1413	rVB	212281	179720	2.29%	0.315%
46	10.416	1413	1416	1419	rBV4	186566	240142	3.06%	0.421%
47	10.445	1419	1421	1427	rVB4	135282	197918	2.53%	0.347%
48	10.516	1430	1433	1436	rVB	1557748	1191674	15.21%	2.091%
49	10.651	1453	1456	1459	rBV2	237409	188663	2.41%	0.331%
50	10.739	1466	1471	1473	rBV	580098	676976	8.64%	1.188%
51	10.792	1477	1480	1483	rBV2	183370	155574	1.99%	0.273%
52	10.822	1483	1485	1489	rVB3	139280	141784	1.81%	0.249%
53	10.857	1489	1491	1494	rVB2	210054	180576	2.30%	0.317%
54	10.892	1494	1497	1501	rBV2	244287	261330	3.33%	0.459%
55	10.992	1511	1514	1520	rBV	1534500	1716244	21.90%	3.011%
56	11.186	1544	1547	1549	rBV	184941	214051	2.73%	0.376%
57	11.222	1551	1553	1556	rVV3	163718	173817	2.22%	0.305%
58	11.280	1560	1563	1566	rVB2	202259	172733	2.20%	0.303%
59	11.316	1566	1569	1571	rBV	169610	147577	1.88%	0.259%
60	11.339	1571	1573	1579	rVB2	105399	124792	1.59%	0.219%
61	11.445	1587	1591	1593	rBV	1133939	1011624	12.91%	1.775%
62	11.474	1593	1596	1598	rVV	399283	369460	4.71%	0.648%
63	11.598	1613	1617	1619	rBV	1563602	1325856	16.92%	2.326%
64	11.621	1619	1621	1626	rVV	1124307	934973	11.93%	1.640%
65	11.674	1627	1630	1634	rVV	272633	297106	3.79%	0.521%
66	11.716	1634	1637	1641	rVB2	136910	160994	2.05%	0.282%
67	11.751	1641	1643	1647	rBV2	135192	150364	1.92%	0.264%
68	11.821	1653	1655	1658	rBV2	159533	148883	1.90%	0.261%
69	11.869	1660	1663	1666	rVB	1070063	810064	10.34%	1.421%
70	11.974	1677	1681	1684	rVB	2145186	1764186	22.51%	3.095%
71	12.104	1700	1703	1705	rBV	484066	449162	5.73%	0.788%
72	12.127	1705	1707	1711	rVB	317970	266843	3.40%	0.468%
73	12.174	1712	1715	1719	rBV2	100810	141911	1.81%	0.249%
74	12.216	1719	1722	1724	rBV2	243875	271086	3.46%	0.476%
75	12.280	1730	1733	1736	rBV	817023	675404	8.62%	1.185%
76	12.668	1793	1799	1801	rBV2	7409900	7836893	100.00%	13.750%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

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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-BF043024.M
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77	12.686	1801	1802	1809	rVB2	5166712	3889512	49.63%	6.824%
78	12.768	1813	1816	1819	rVB	961668	767799	9.80%	1.347%
79	12.816	1819	1824	1829	rBV	1518126	1686176	21.52%	2.958%
80	12.892	1833	1837	1839	rBV3	115642	153550	1.96%	0.269%
81	13.051	1857	1864	1869	rBV2	1165571	1439947	18.37%	2.526%
82	13.180	1880	1886	1889	rBV2	431020	484062	6.18%	0.849%
83	13.268	1896	1901	1906	rBV3	106620	218942	2.79%	0.384%
84	13.374	1916	1919	1921	rVB	216662	180911	2.31%	0.317%
85	13.398	1921	1923	1926	rBV	267502	212655	2.71%	0.373%
86	13.439	1928	1930	1933	rVB	212399	184414	2.35%	0.324%
87	13.480	1934	1937	1945	rBV4	155431	259566	3.31%	0.455%
88	13.745	1979	1982	1985	rVB	191054	158068	2.02%	0.277%
89	14.068	2035	2037	2040	rVB3	146458	130041	1.66%	0.228%
90	14.168	2051	2054	2057	rBV2	118402	136384	1.74%	0.239%
91	14.251	2063	2068	2070	rBV2	1456240	1790385	22.85%	3.141%
92	14.274	2070	2072	2078	rVB	542364	486902	6.21%	0.854%
93	14.392	2089	2092	2099	rVB3	183074	203100	2.59%	0.356%
94	14.698	2142	2144	2149	rVB2	217240	202322	2.58%	0.355%
95	15.345	2251	2254	2258	rBV	344897	566075	7.22%	0.993%
96	15.409	2262	2265	2272	rVB	558051	631348	8.06%	1.108%
97	15.686	2309	2312	2318	rVB	236738	312246	3.98%	0.548%
98	15.751	2320	2323	2330	rVB	336312	457012	5.83%	0.802%
99	15.827	2331	2336	2340	rBV	898530	1245288	15.89%	2.185%
100	16.321	2416	2420	2428	rVB2	419674	705432	9.00%	1.238%

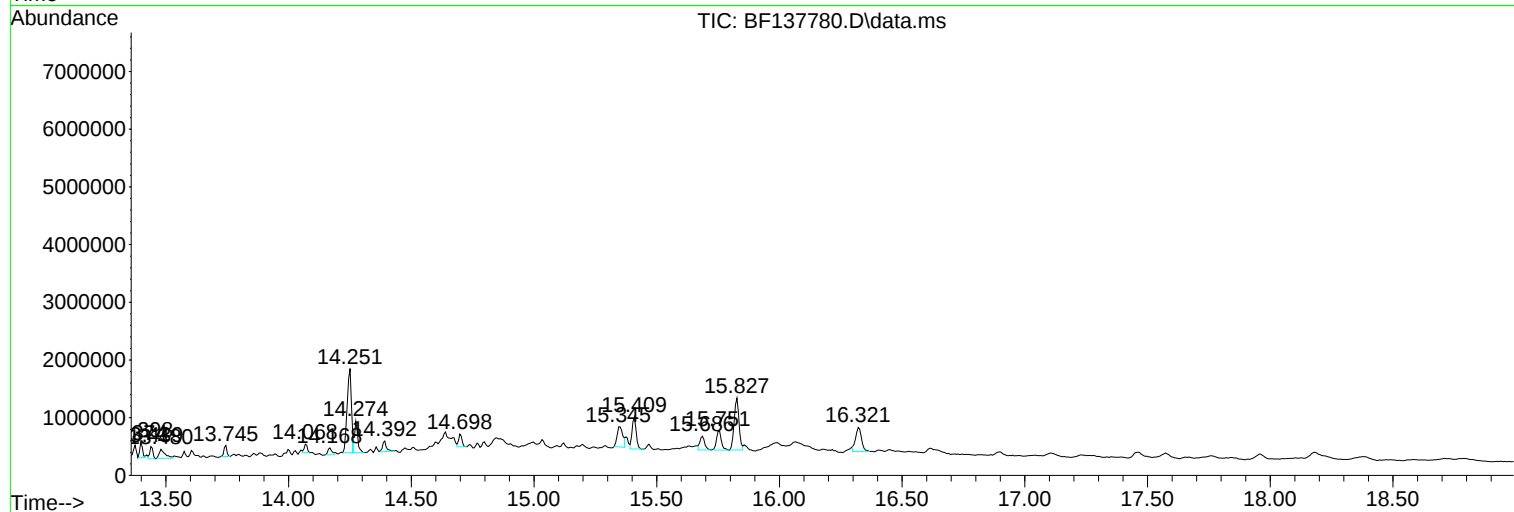
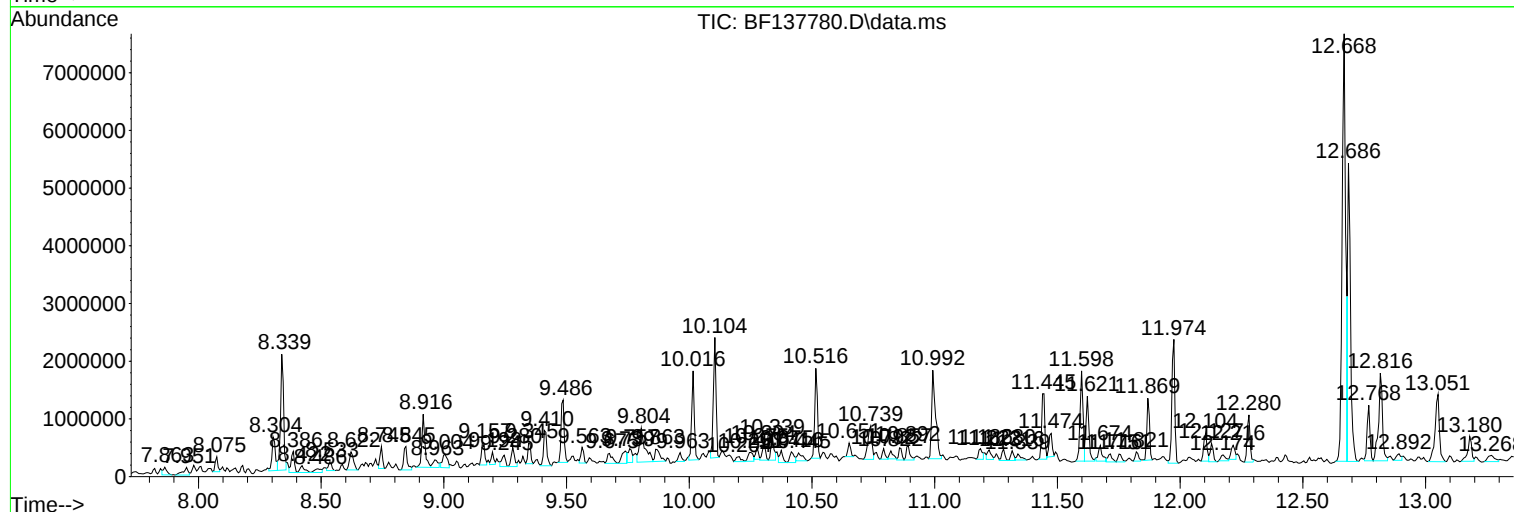
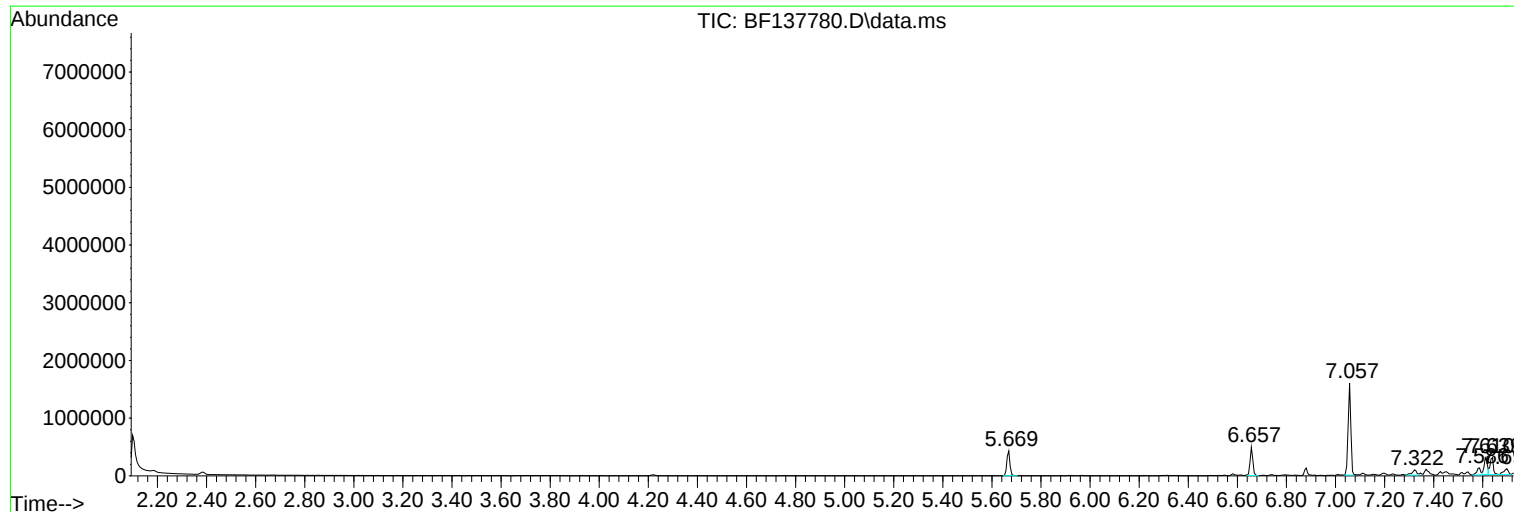
Sum of corrected areas: 56995782

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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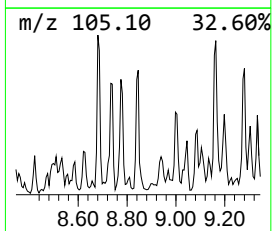
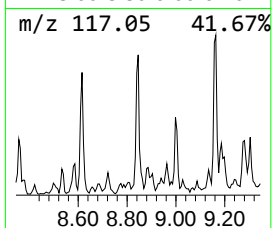
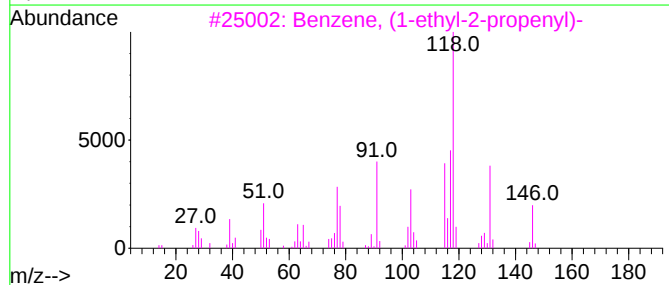
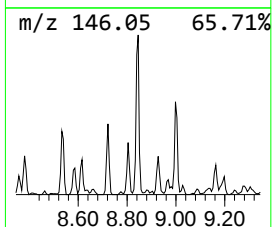
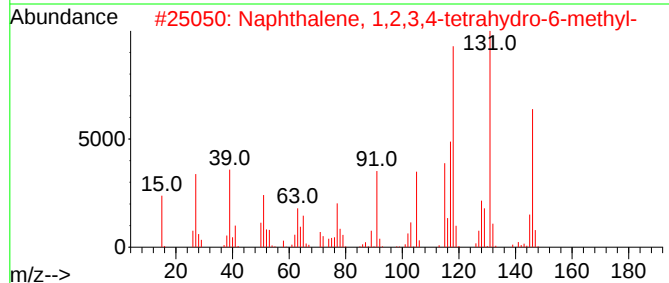
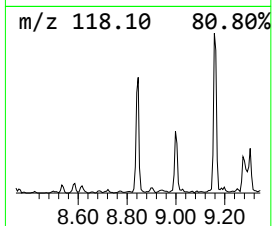
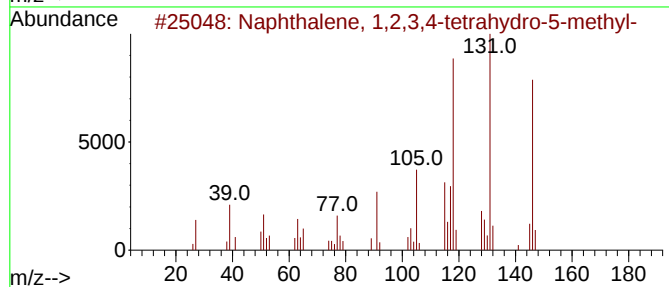
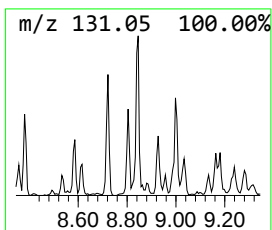
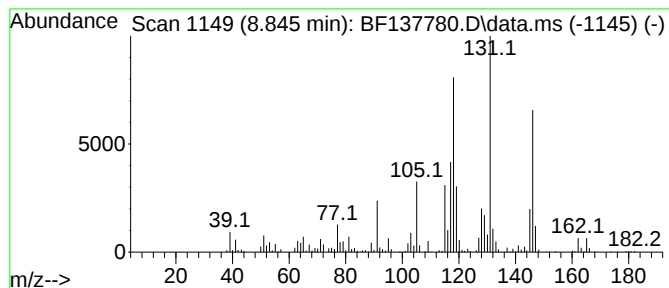
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.845	4.86 ng	417724	Naphthalene-d8	8.339	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	72
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	68
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55



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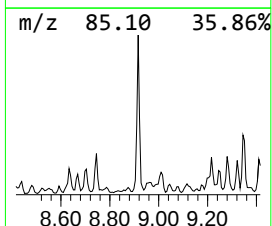
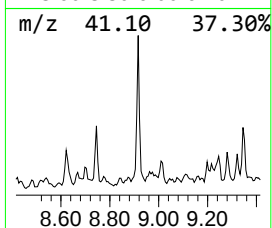
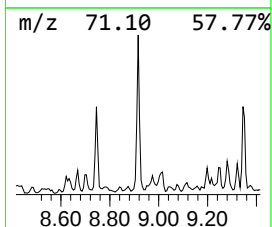
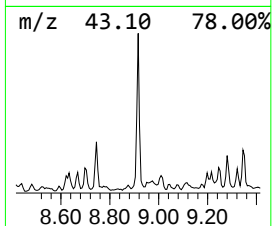
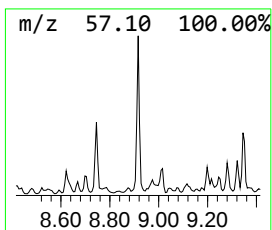
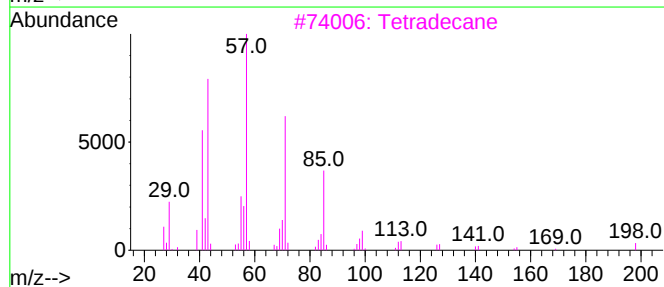
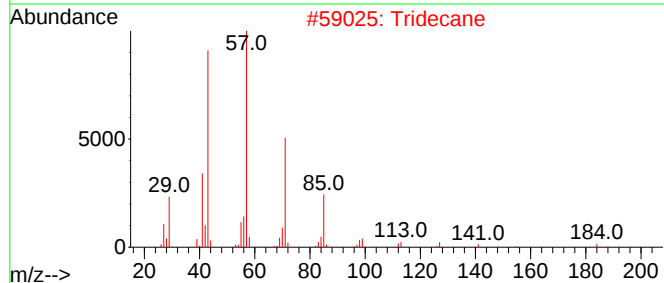
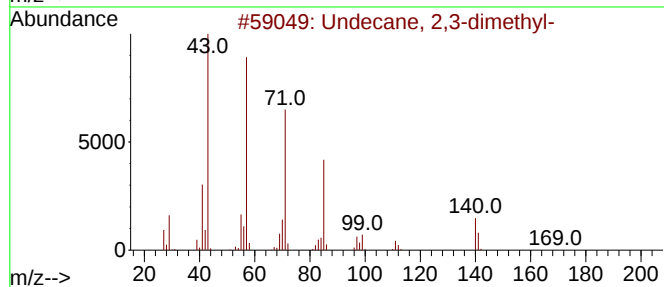
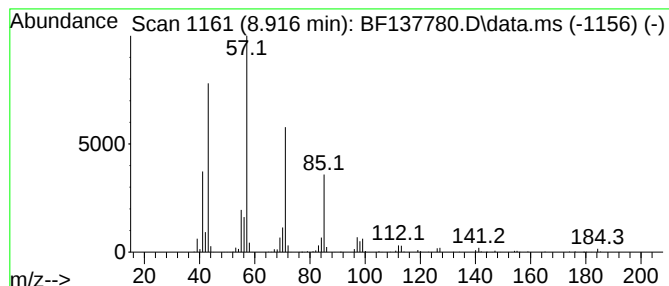
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Undecane, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.916	9.23 ng	793995	Naphthalene-d8	8.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
2			Tridecane	184	C13H28	000629-50-5	87
3			Tetradecane	198	C14H30	000629-59-4	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



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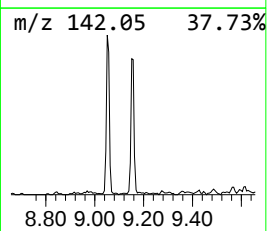
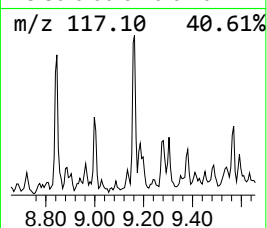
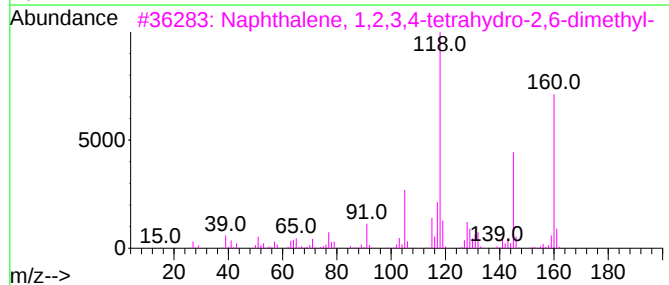
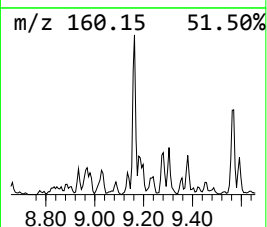
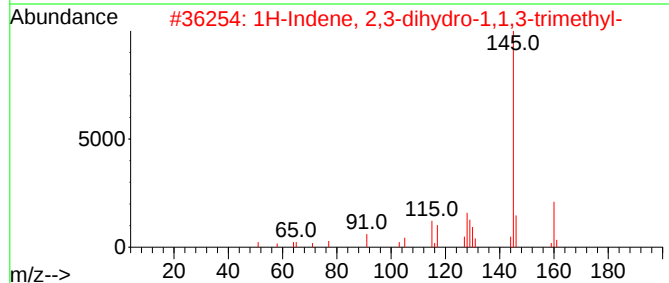
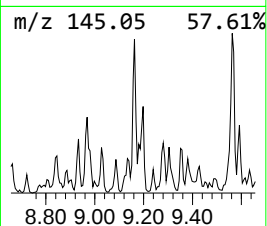
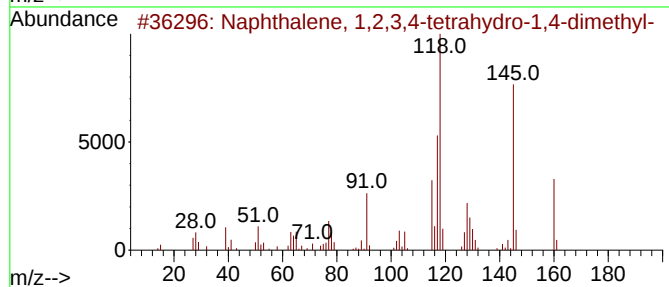
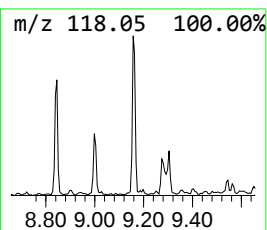
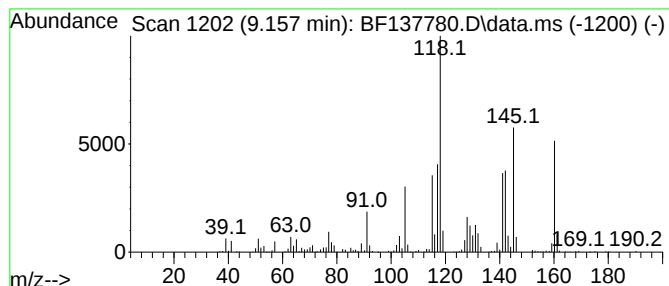
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.157	4.39 ng	377679	Naphthalene-d8	8.339	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	62
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
Sample : P2309-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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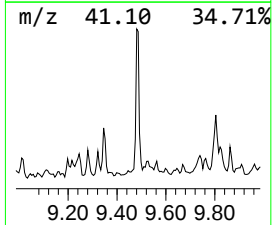
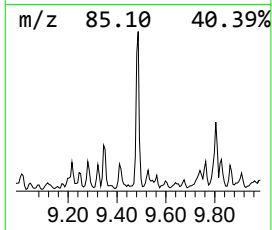
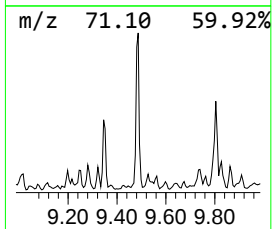
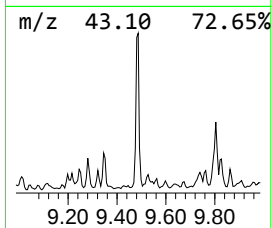
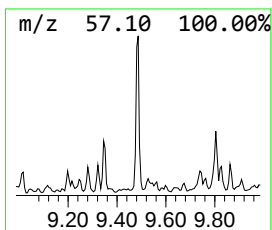
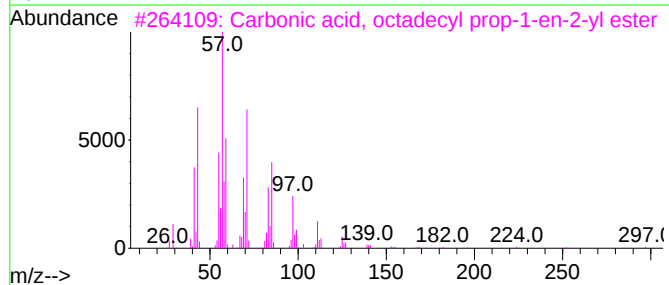
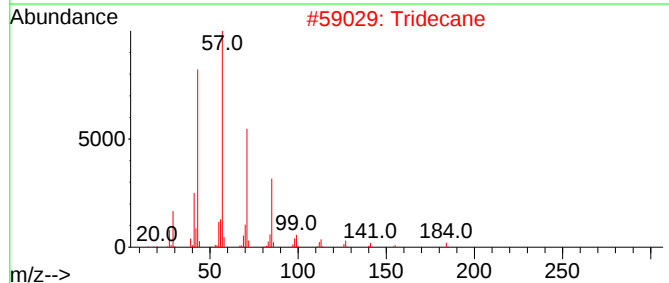
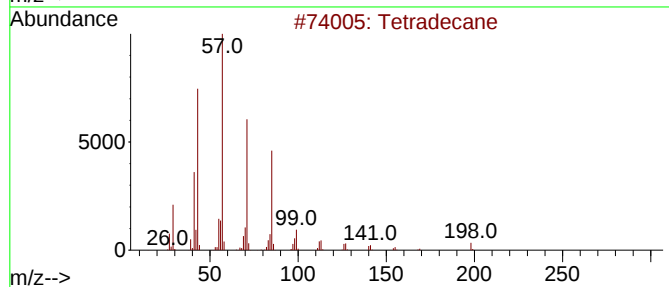
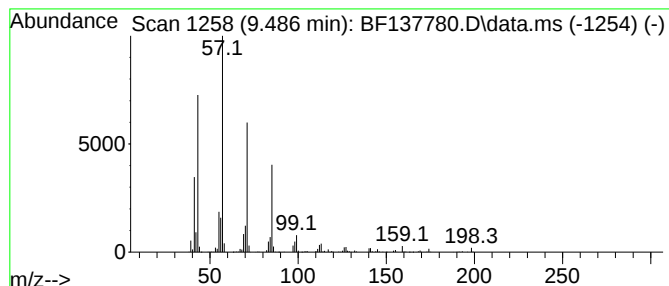
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	12.24 ng	960233	Acenaphthene-d10	10.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Tridecane	184	C13H28	000629-50-5	90
3			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
4			Dodecane	170	C12H26	000112-40-3	83
5			Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-042924

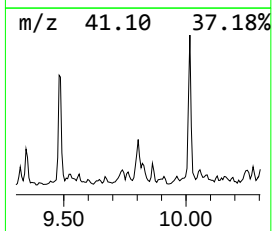
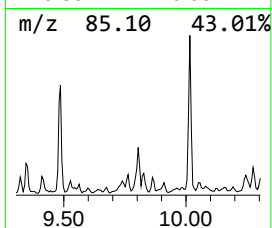
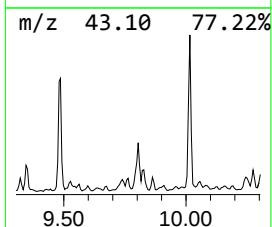
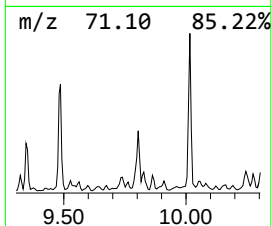
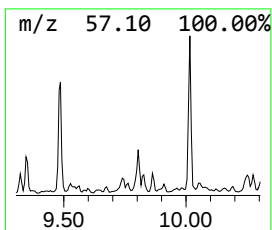
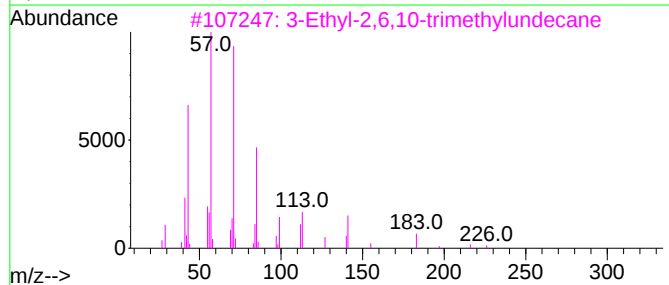
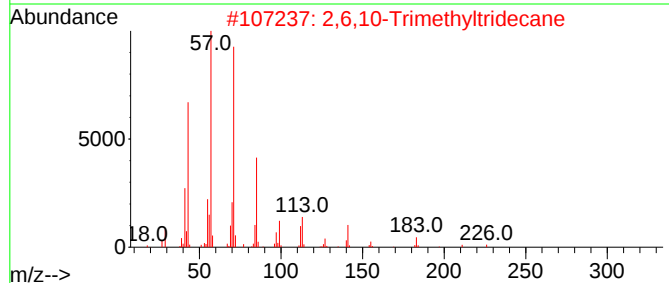
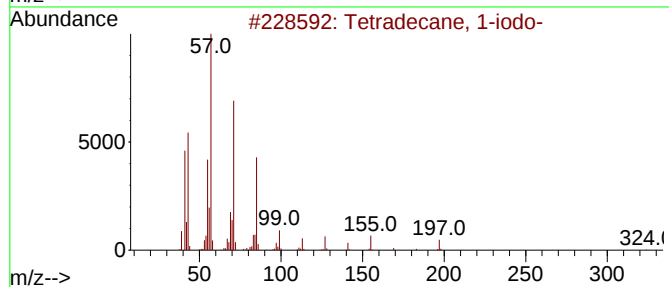
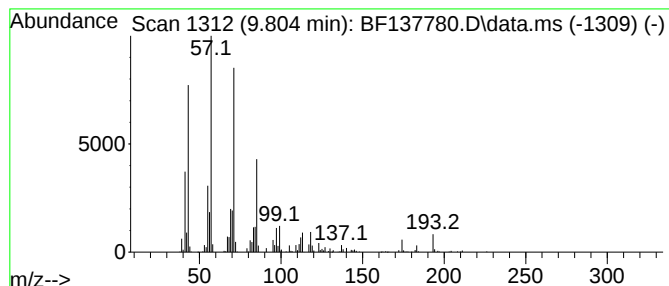
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	11.75 ng	922064	Acenaphthene-d10	10.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
2			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86
3			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
4			Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	80
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
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ClientSampleId :
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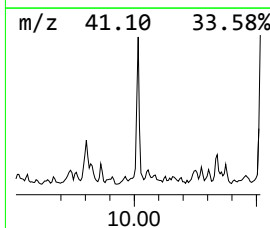
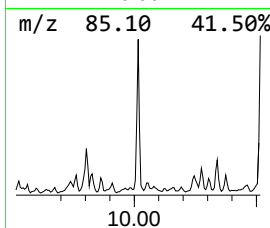
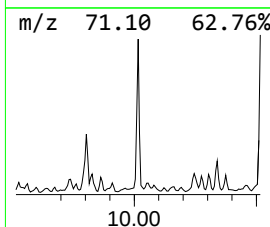
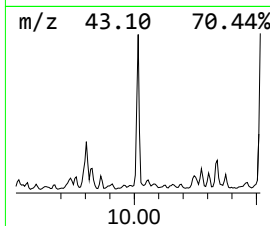
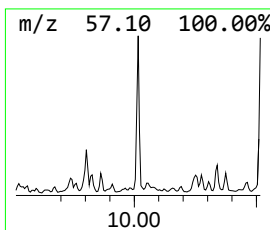
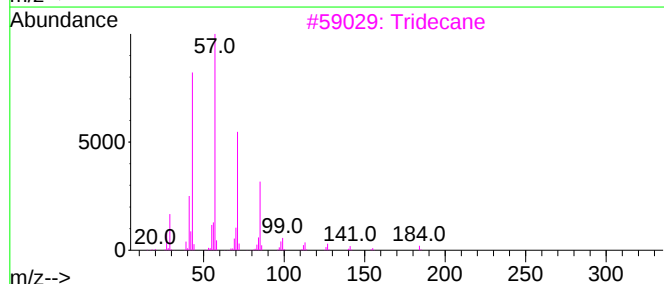
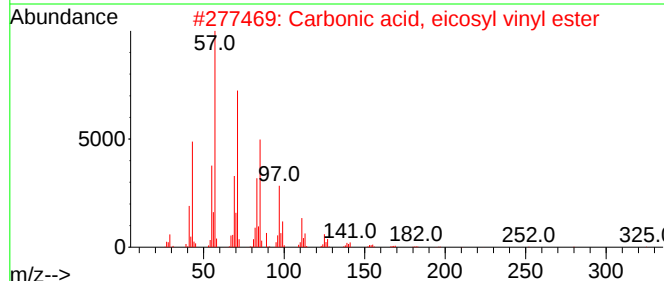
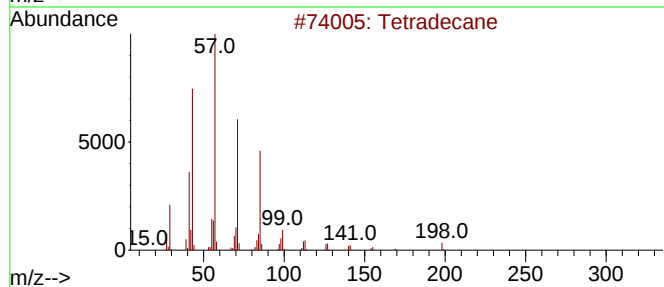
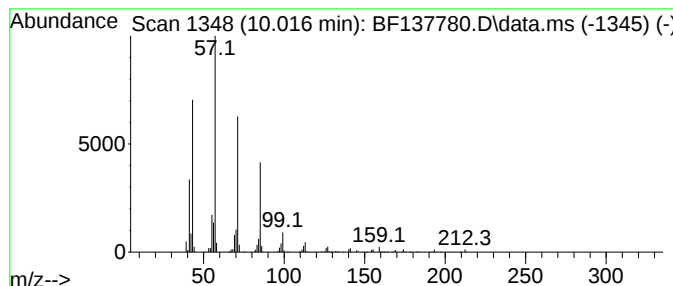
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Carbonic acid, eicosyl vinyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	14.33 ng	1123900	Acenaphthene-d10	10.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
3			Tridecane	184	C13H28	000629-50-5	80
4			Hexadecane	226	C16H34	000544-76-3	72
5			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
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Misc :
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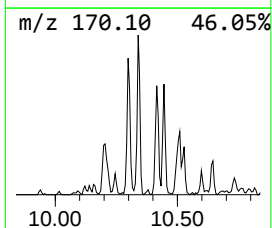
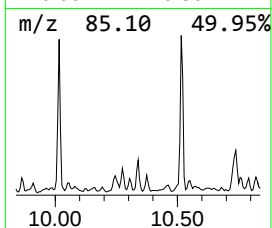
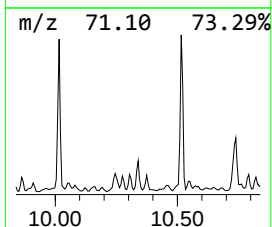
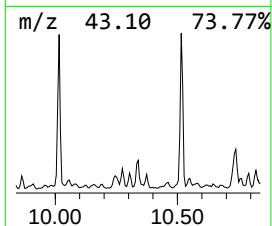
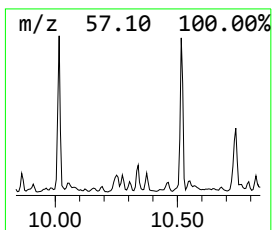
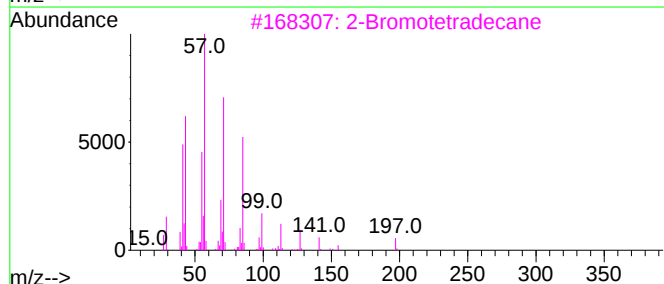
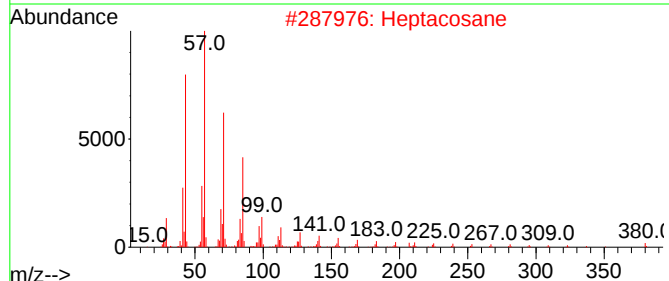
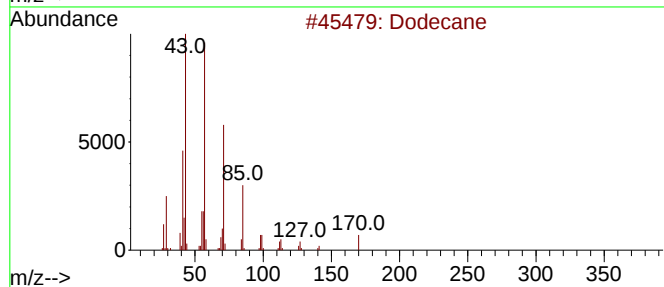
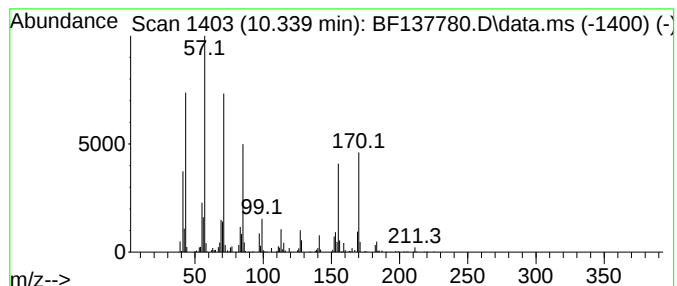
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.339	4.54 ng	356354	Acenaphthene-d10		10.104	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	89
2	Heptacosane		380	C27H56	000593-49-7	53
3	2-Bromotetradecane		276	C14H29Br	074036-95-6	53
4	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	53
5	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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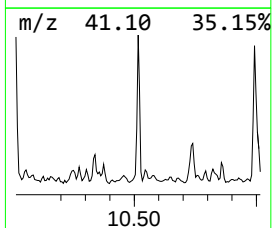
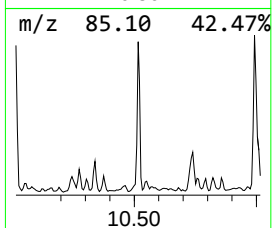
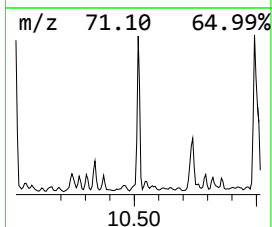
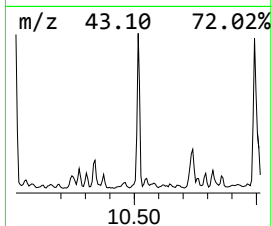
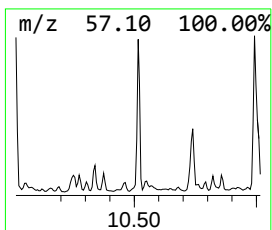
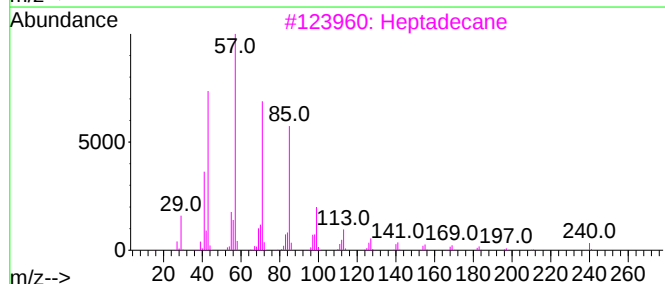
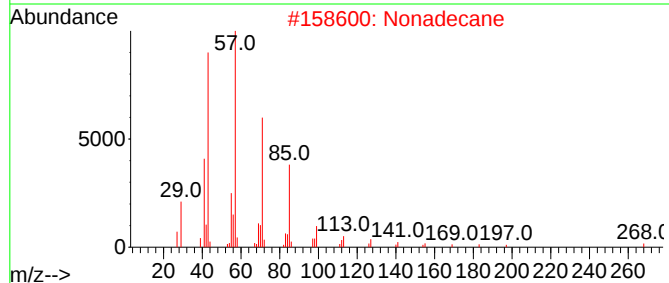
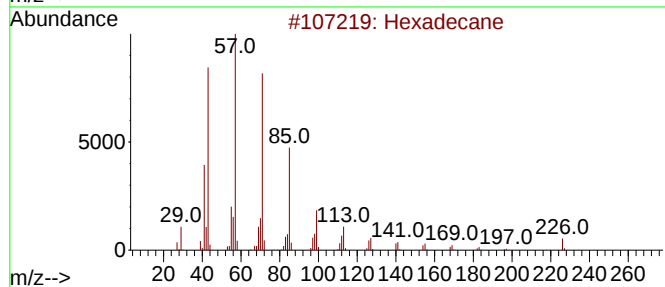
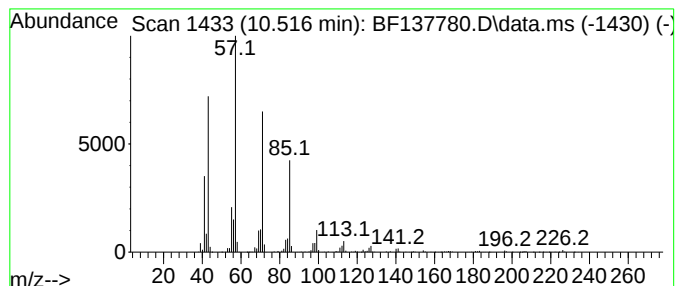
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.516	15.19 ng	1191670	Acenaphthene-d10	10.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
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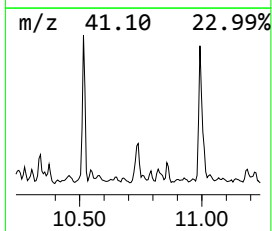
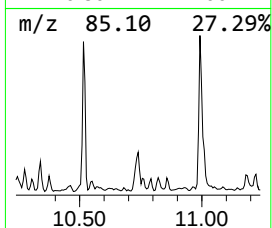
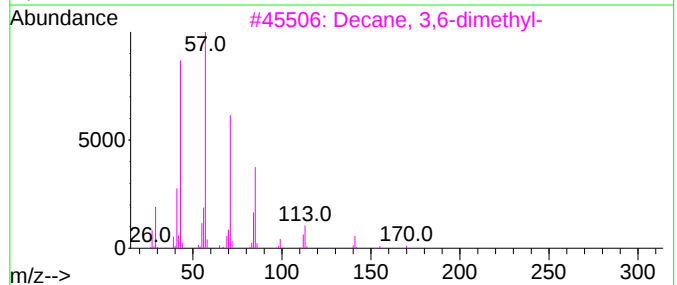
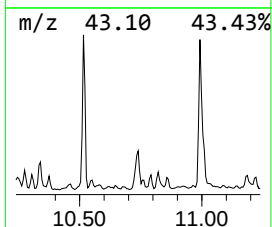
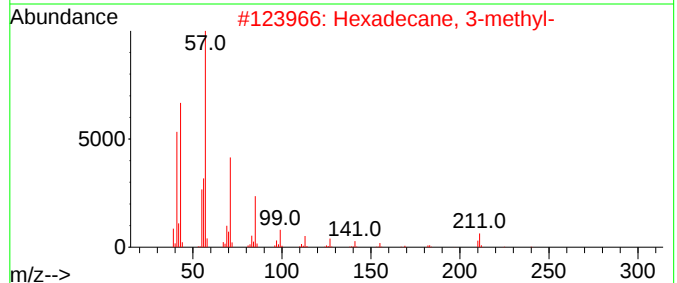
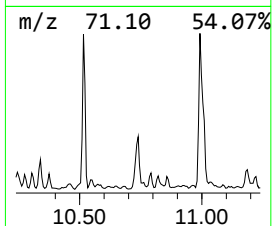
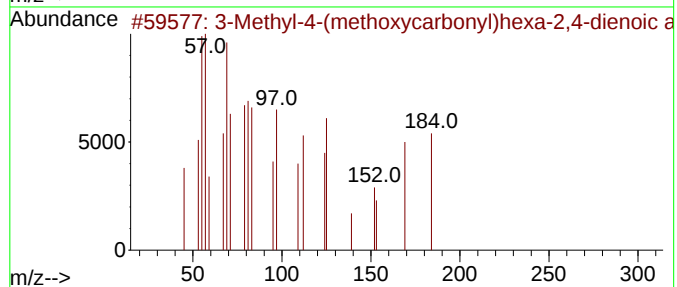
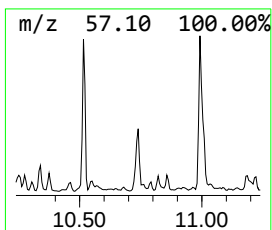
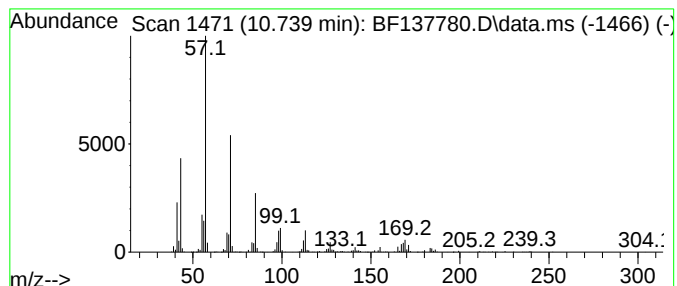
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Methyl-4-(methoxycarbonyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.739	8.63 ng	676976	Acenaphthene-d10	10.104

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	90
2		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
Sample : P2309-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
TR-05-042924

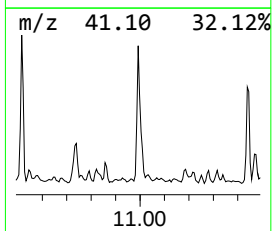
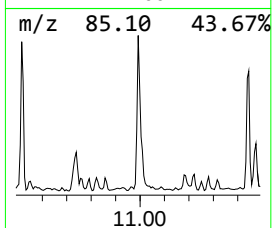
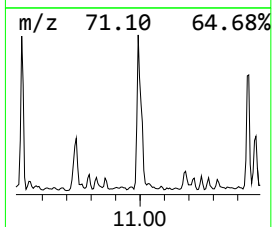
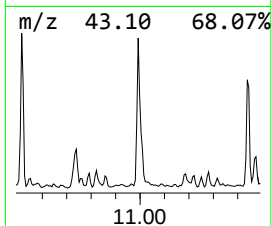
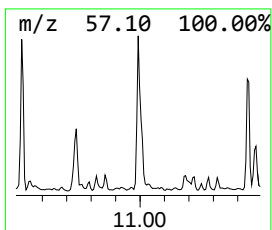
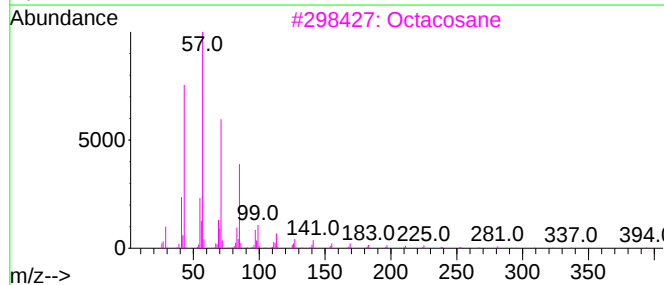
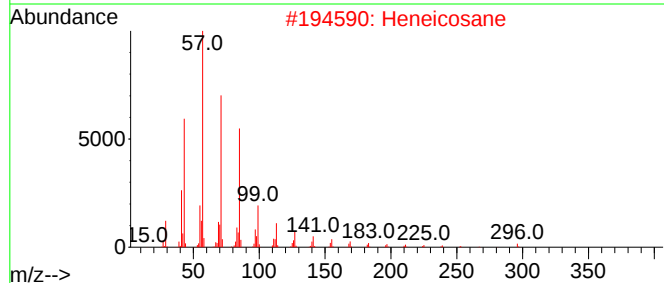
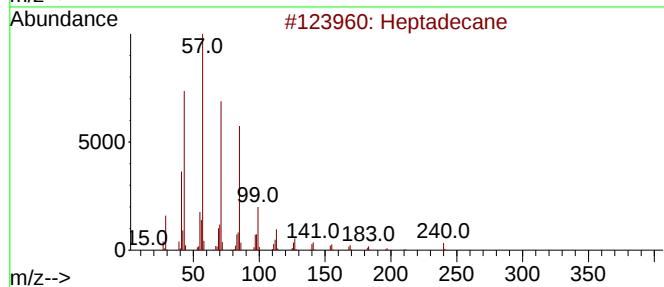
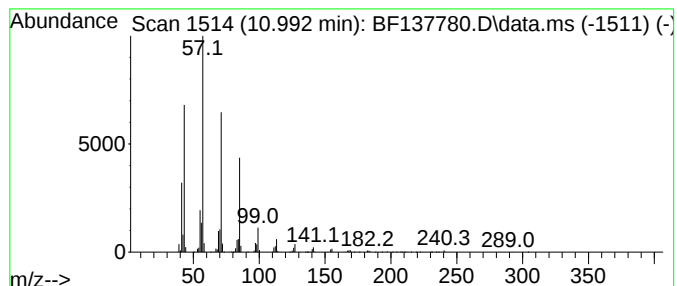
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.992	25.89 ng	1716240	Phenanthrene-d10	11.598

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	96
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
Sample : P2309-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042924

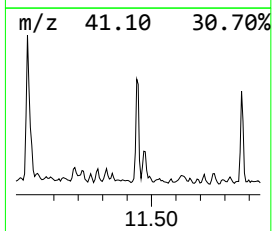
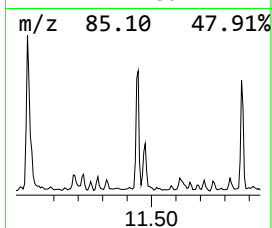
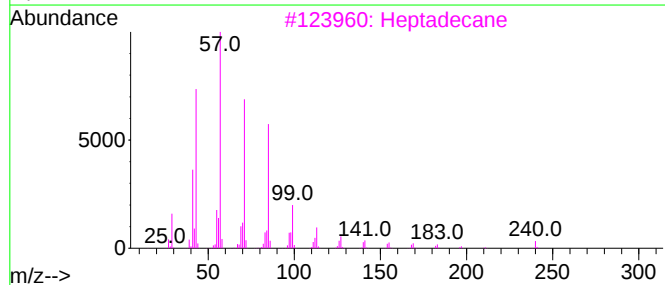
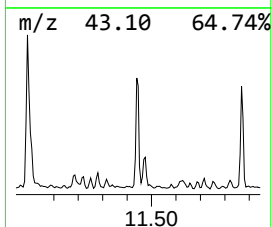
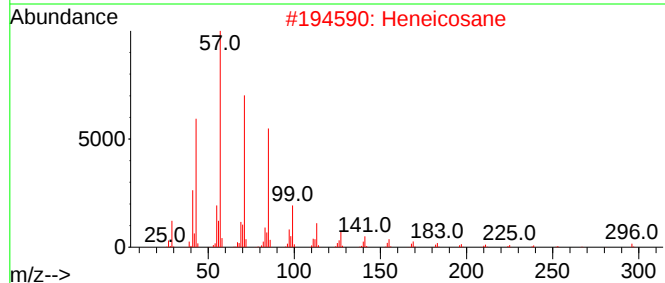
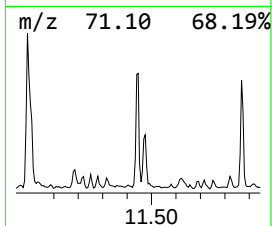
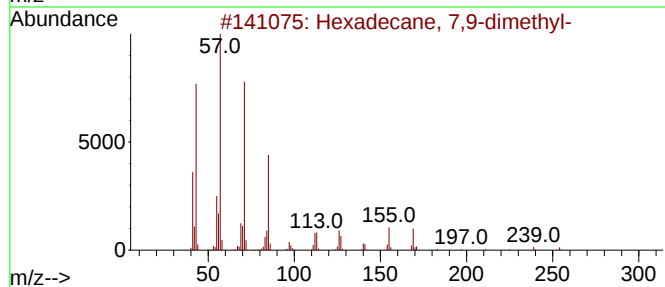
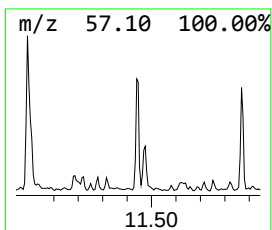
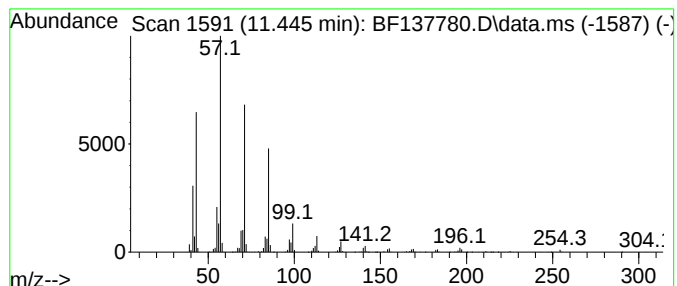
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 7,9-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.445	15.26 ng	1011620	Phenanthrene-d10	11.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
Sample : P2309-01 10X
Misc :
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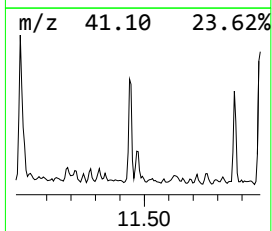
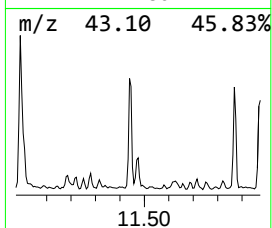
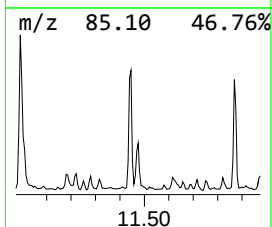
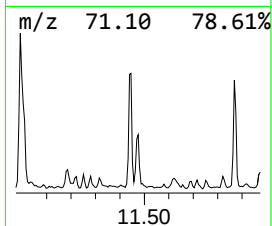
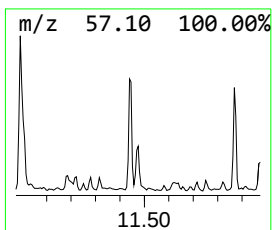
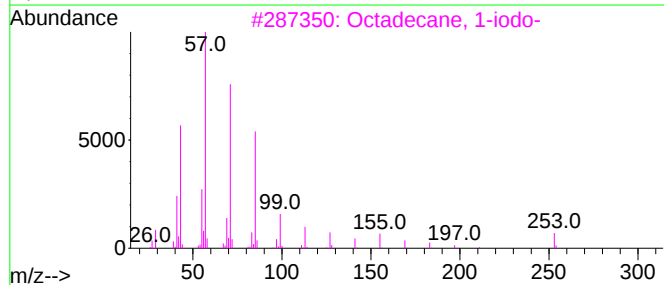
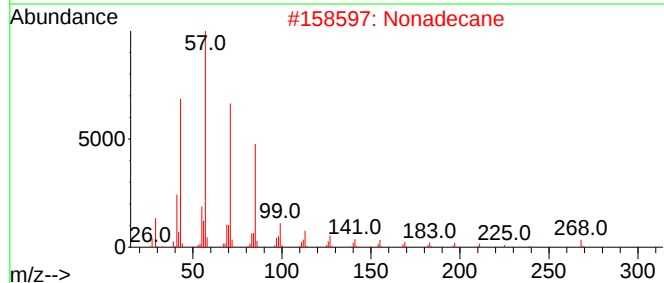
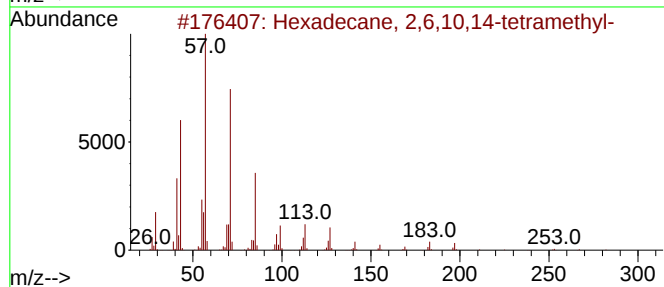
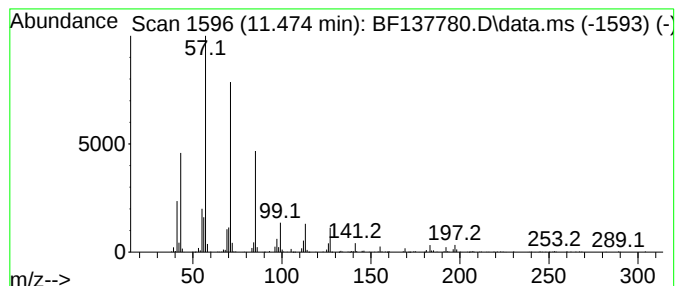
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane, 2,6,10,14-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.474	5.57 ng	369460	Phenanthrene-d10	11.598	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	98
2	Nonadecane	268	C19H40	000629-92-5	91
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
Sample : P2309-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

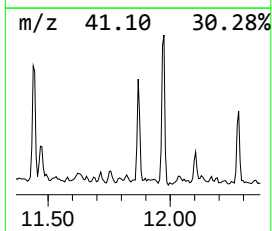
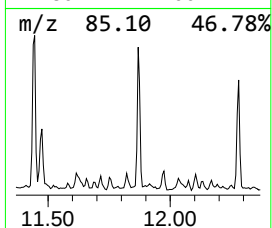
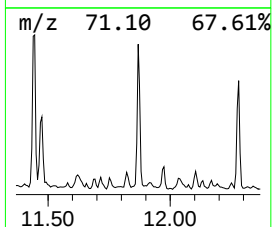
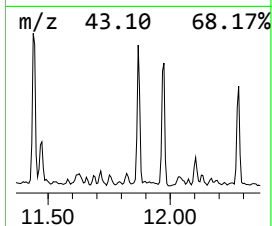
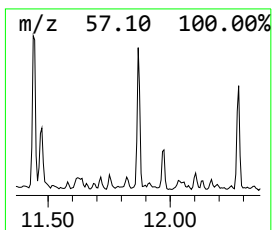
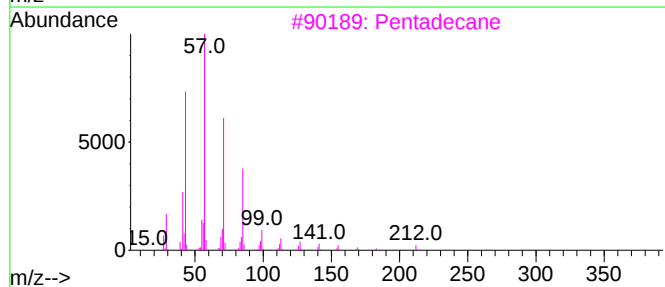
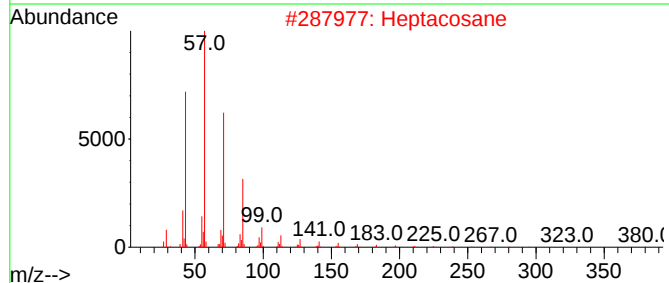
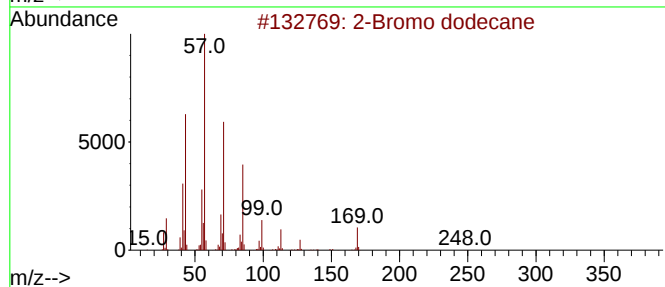
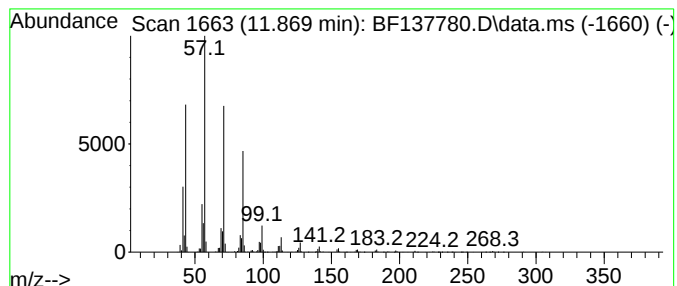
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.868	12.22 ng	810064	Phenanthrene-d10		11.598	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	94
2	Heptacosane		380	C27H56	000593-49-7	91
3	Pentadecane		212	C15H32	000629-62-9	91
4	Nonadecane		268	C19H40	000629-92-5	91
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-042924

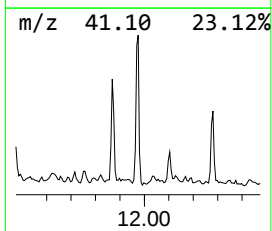
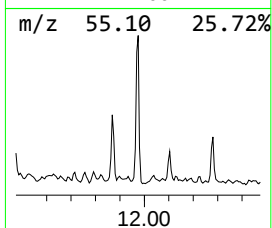
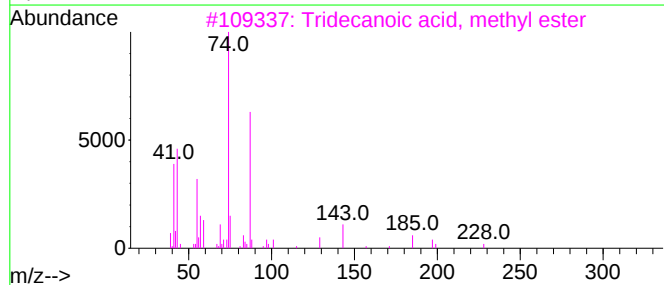
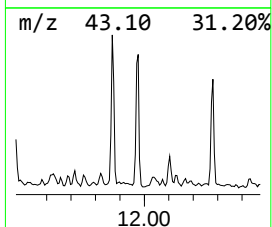
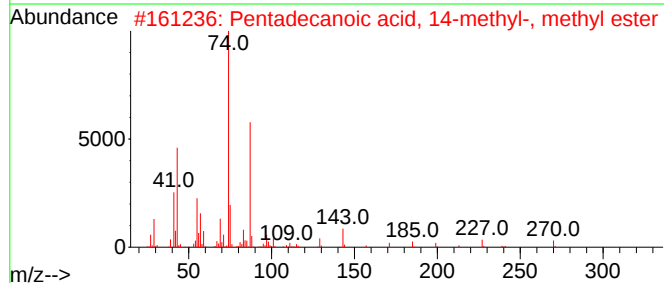
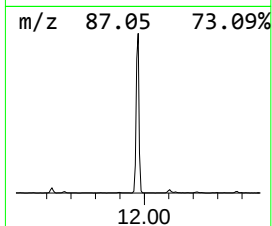
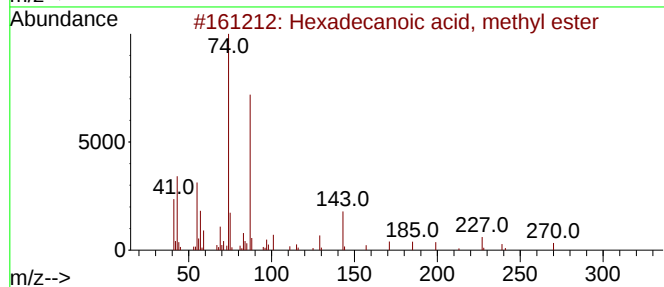
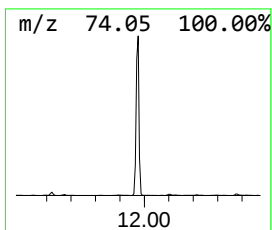
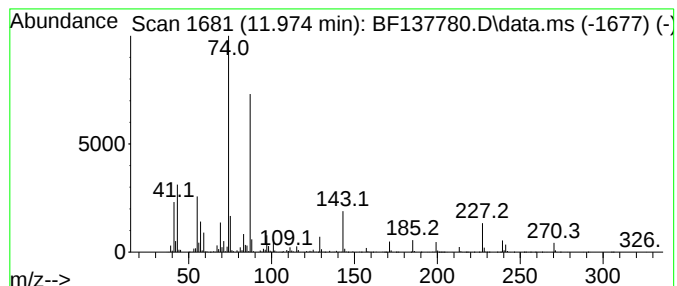
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	26.61 ng	1764190	Phenanthrene-d10	11.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5			Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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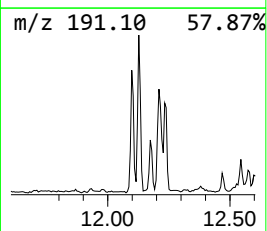
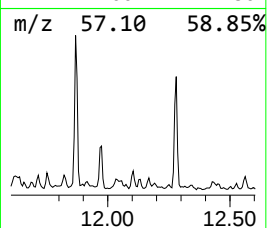
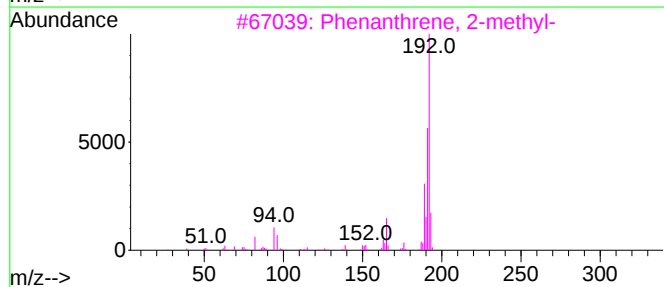
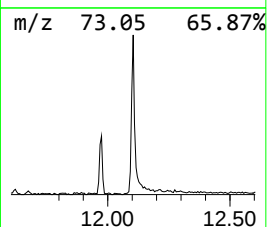
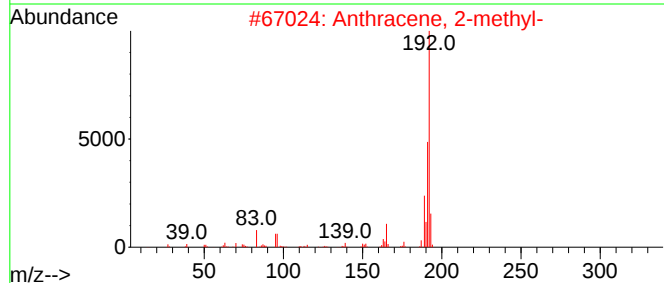
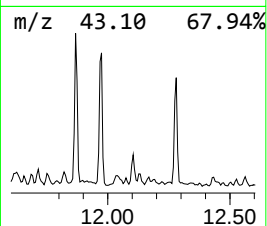
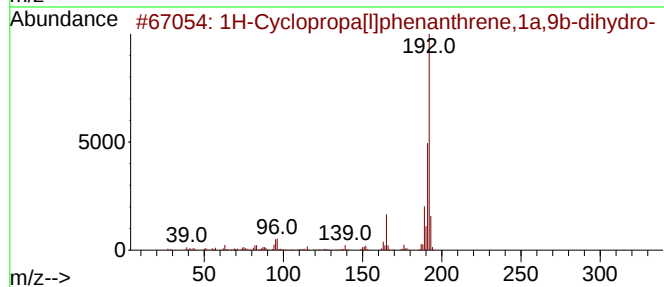
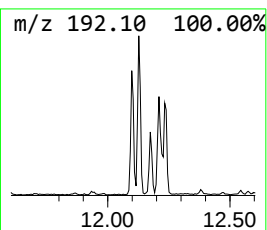
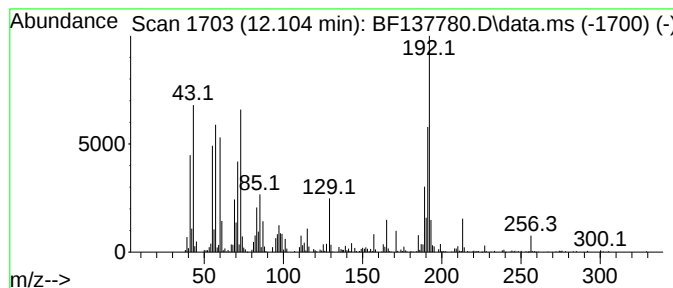
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	6.78 ng	449162	Phenanthrene-d10	11.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	84



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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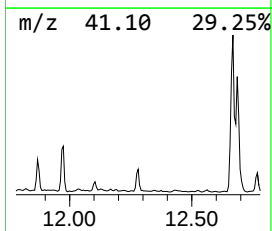
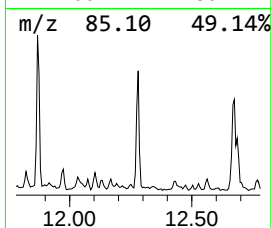
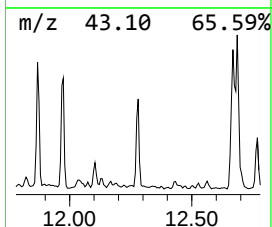
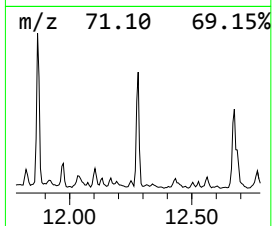
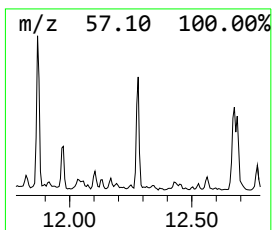
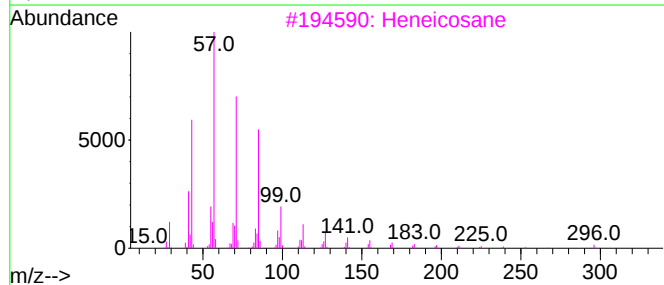
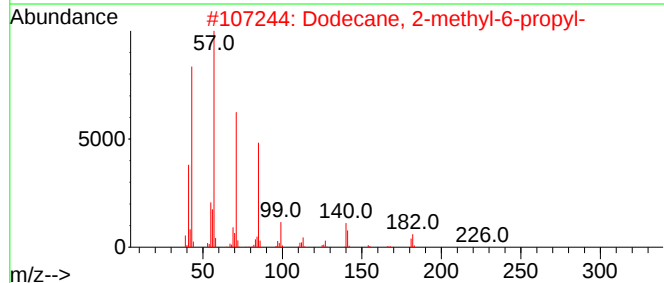
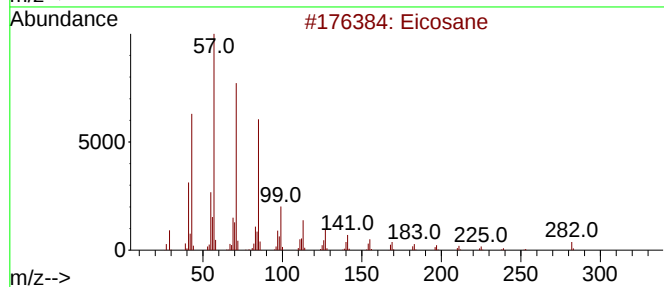
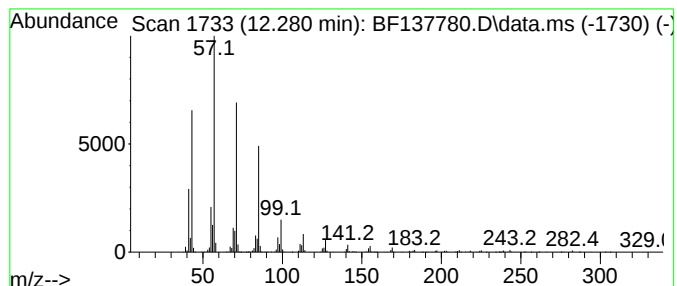
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	10.19 ng	675404	Phenanthrene-d10	11.598

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
3			Heneicosane	296	C21H44	000629-94-7	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
Sample : P2309-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

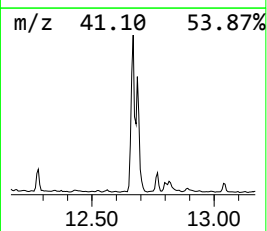
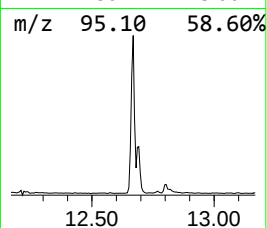
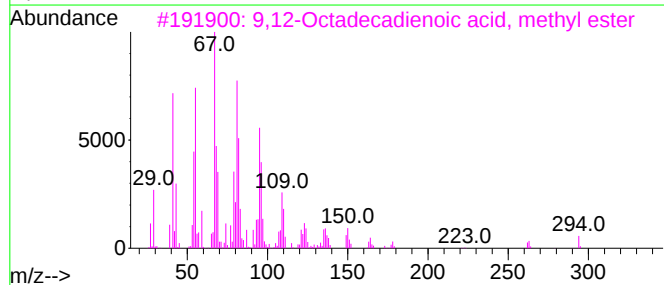
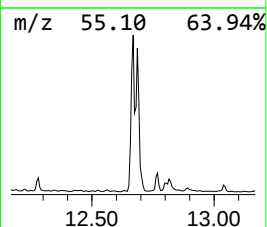
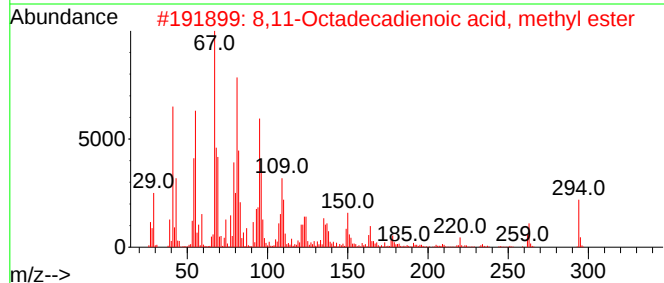
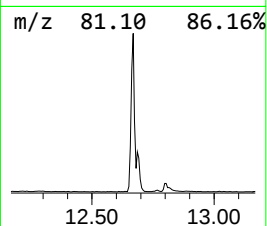
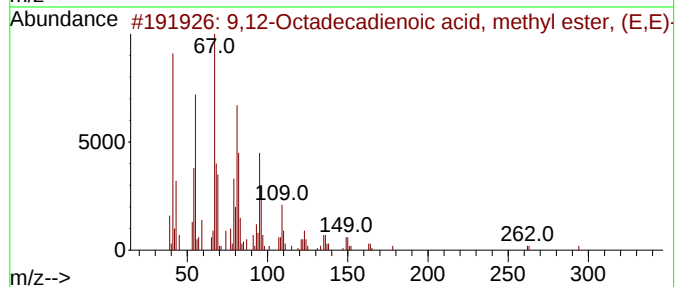
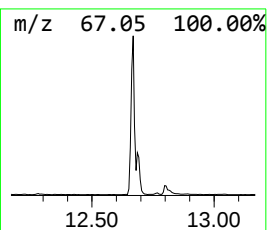
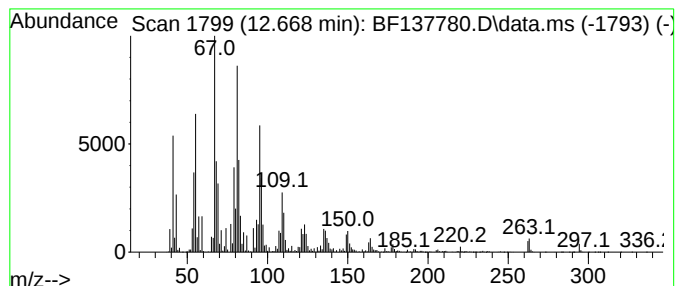
Instrument :
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ClientSampleId :
TR-05-042924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.669	118.22 ng	7836890	Phenanthrene-d10	11.598
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
2		8,11-Octadecadienoic acid, methy...	294 C19H34O2	056599-58-7 99
3		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3 99
4		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 99
5		9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6 99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
Sample : P2309-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

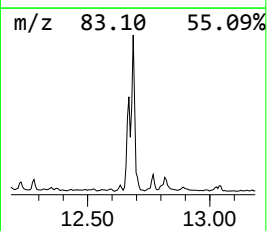
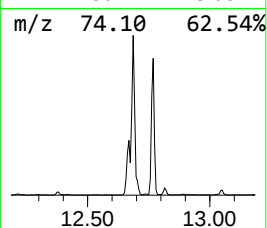
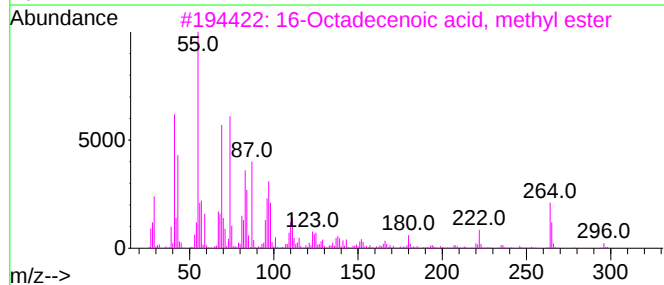
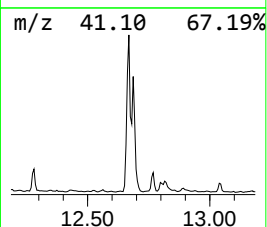
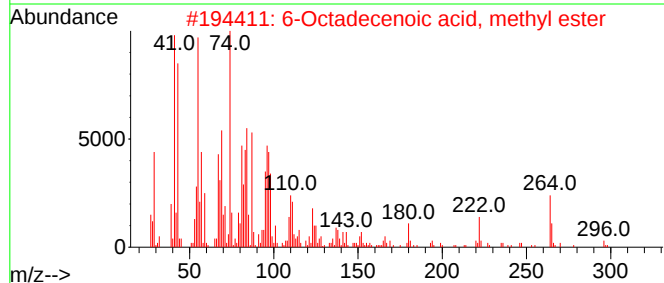
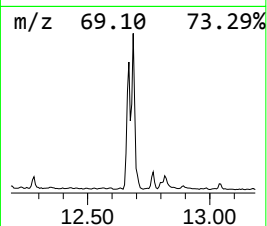
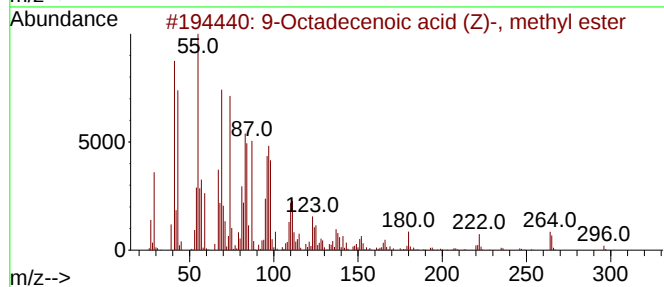
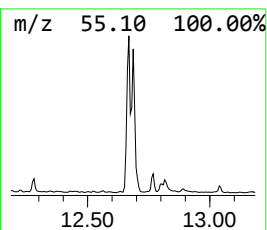
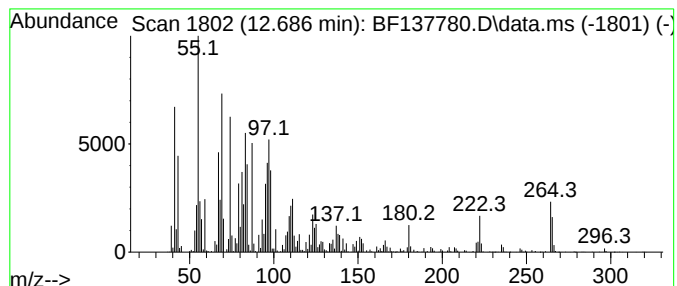
Instrument :
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ClientSampleId :
TR-05-042924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.686	58.67 ng	3889510	Phenanthrene-d10	11.598	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
Sample : P2309-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042924

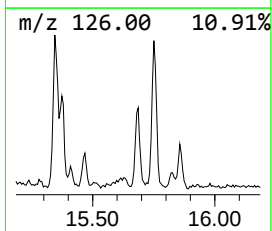
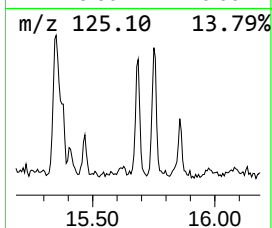
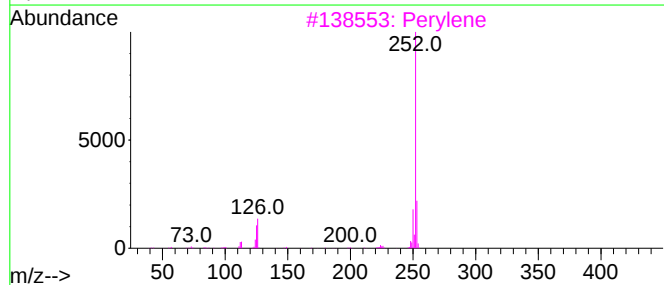
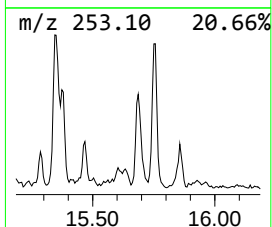
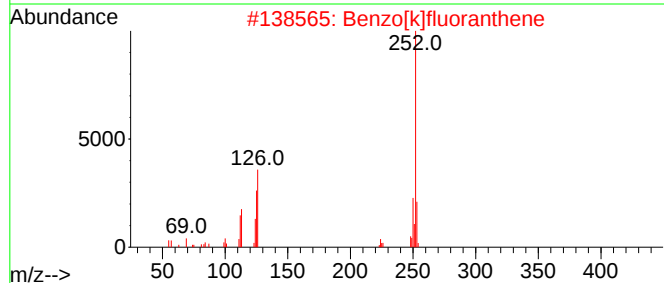
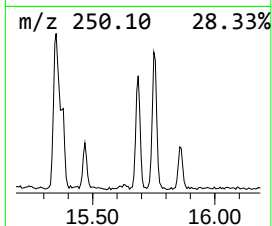
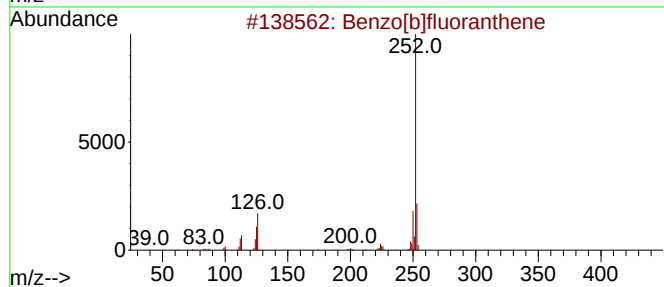
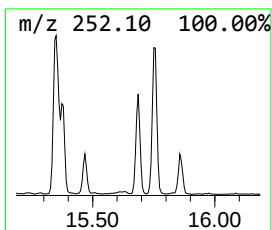
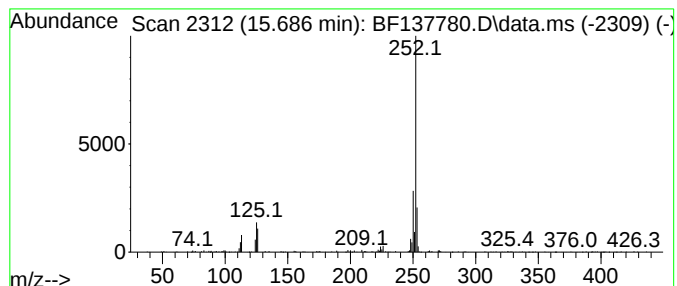
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.686	5.01 ng	312246	Perylene-d12	15.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	89
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
Sample : P2309-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

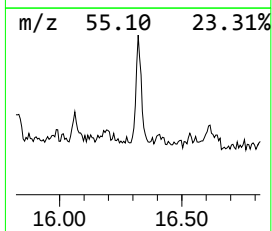
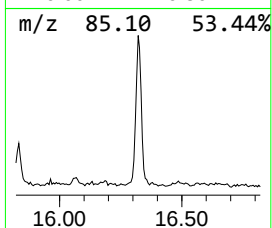
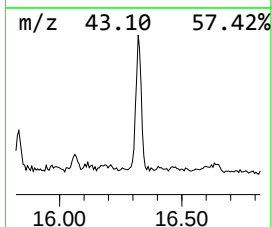
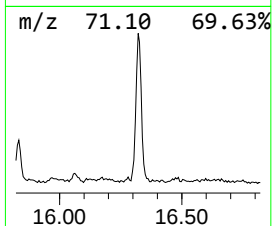
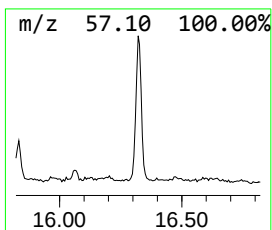
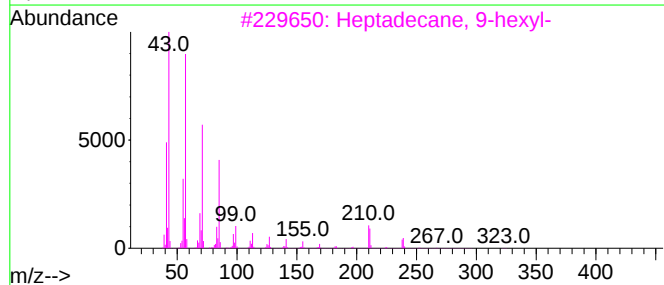
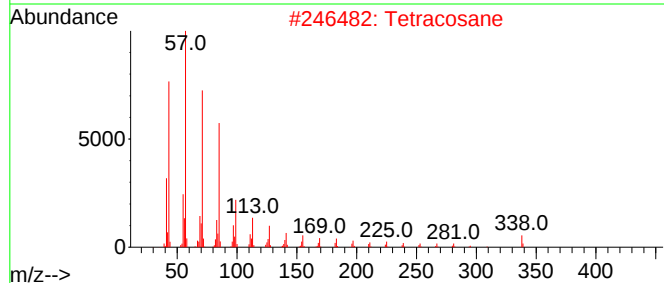
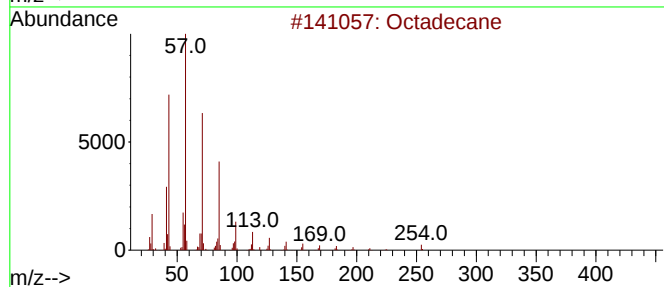
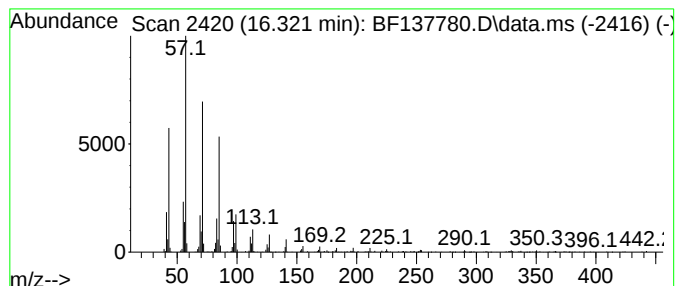
Instrument :
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ClientSampleId :
TR-05-042924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.321	11.33 ng	705432	Perylene-d12	15.827	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tetracosane	338	C24H50	000646-31-1	94
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137780.D
Acq On : 30 Apr 2024 20:04
Operator : CG\JU
Sample : P2309-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.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
Naphthalene, 1,...	8.845	4.9	ng	417724	2	8.339	1720590	20.0
Undecane, 2,3-d...	8.916	9.2	ng	793995	2	8.339	1720590	20.0
Naphthalene, 1,...	9.157	4.4	ng	377679	2	8.339	1720590	20.0
Tetradecane	9.486	12.2	ng	960233	3	10.104	1569080	20.0
Tetradecane, 1-...	9.804	11.8	ng	922064	3	10.104	1569080	20.0
Carbonic acid, ...	10.016	14.3	ng	1123900	3	10.104	1569080	20.0
Dodecane	10.339	4.5	ng	356354	3	10.104	1569080	20.0
Hexadecane	10.516	15.2	ng	1191670	3	10.104	1569080	20.0
3-Methyl-4-(met...	10.739	8.6	ng	676976	3	10.104	1569080	20.0
Heptadecane	10.992	25.9	ng	1716240	4	11.598	1325860	20.0
Hexadecane, 7,9...	11.445	15.3	ng	1011620	4	11.598	1325860	20.0
Hexadecane, 2,6...	11.474	5.6	ng	369460	4	11.598	1325860	20.0
2-Bromo dodecane	11.868	12.2	ng	810064	4	11.598	1325860	20.0
Hexadecanoic ac...	11.974	26.6	ng	1764190	4	11.598	1325860	20.0
1H-Cyclopropa[1...	12.104	6.8	ng	449162	4	11.598	1325860	20.0
Eicosane	12.280	10.2	ng	675404	4	11.598	1325860	20.0
9,12-Octadecadi...	12.669	118.2	ng	7836890	4	11.598	1325860	20.0
9-Octadecenoic ...	12.686	58.7	ng	3889510	4	11.598	1325860	20.0
Perylene	15.686	5.0	ng	312246	6	15.827	1245290	20.0
Octadecane	16.321	11.3	ng	705432	6	15.827	1245290	20.0