

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141191.D
 Acq On : 16 Jan 2025 17:50
 Operator : RC/JU
 Sample : Q1099-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-01152025

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: BF141191.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	560	565	578	rVB	456679	625941	7.77%	1.203%
2	6.434	728	738	746	rBV	448372	614644	7.63%	1.181%
3	6.651	769	775	782	rBV2	95610	158374	1.97%	0.304%
4	6.816	797	803	809	rBV	717640	931130	11.57%	1.790%
5	7.092	839	850	853	rBV3	63266	119532	1.48%	0.230%
6	7.210	865	870	874	rBV2	64217	96979	1.20%	0.186%
7	7.369	889	897	901	rBV	310666	505313	6.28%	0.971%
8	7.416	901	905	908	rVV	234496	306123	3.80%	0.588%
9	7.463	908	913	916	rVB4	59364	88002	1.09%	0.169%
10	7.522	916	923	927	rBV6	33031	85022	1.06%	0.163%
11	7.622	936	940	948	rVB3	86884	164101	2.04%	0.315%
12	7.722	949	957	958	rBV4	63661	118709	1.47%	0.228%
13	7.816	970	973	975	rBV2	69362	90780	1.13%	0.174%
14	8.092	1008	1020	1028	rBV3	995833	2071031	25.72%	3.980%
15	8.157	1028	1031	1035	rVV2	150135	227007	2.82%	0.436%
16	8.275	1044	1051	1052	rBV3	42699	82577	1.03%	0.159%
17	8.392	1066	1071	1077	rBV7	115117	207183	2.57%	0.398%
18	8.445	1077	1080	1083	rVV2	68241	83118	1.03%	0.160%
19	8.481	1083	1086	1089	rVV3	105010	126453	1.57%	0.243%
20	8.522	1089	1093	1099	rVV	150640	239966	2.98%	0.461%
21	8.604	1103	1107	1110	rBV2	134184	167584	2.08%	0.322%
22	8.692	1118	1122	1126	rBV	485890	595184	7.39%	1.144%
23	8.810	1140	1142	1146	rVB2	152905	179488	2.23%	0.345%
24	8.916	1155	1160	1167	rBV3	151003	277332	3.44%	0.533%
25	9.057	1181	1184	1188	rVB3	92396	121361	1.51%	0.233%
26	9.122	1188	1195	1199	rVV2	154624	281326	3.49%	0.541%
27	9.175	1199	1204	1208	rVB	544250	688043	8.55%	1.322%
28	9.257	1213	1218	1223	rBV	539815	745543	9.26%	1.433%
29	9.322	1227	1229	1235	rVB2	72593	100689	1.25%	0.194%
30	9.439	1244	1249	1254	rVB3	94224	162251	2.02%	0.312%
31	9.510	1255	1261	1264	rVV3	151402	290390	3.61%	0.558%
32	9.575	1268	1272	1275	rVV3	228953	375572	4.67%	0.722%
33	9.633	1279	1282	1286	rVB2	109211	140885	1.75%	0.271%
34	9.716	1292	1296	1300	rBV	85045	116634	1.45%	0.224%
35	9.786	1304	1308	1312	rVV	477653	605609	7.52%	1.164%
36	9.851	1312	1319	1323	rVV	844916	1193310	14.82%	2.294%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.886	1323	1325	1334	rVB2	197135	318744	3.96%	0.613%
38	10.057	1350	1354	1359	rVV2	189965	298437	3.71%	0.574%
39	10.110	1359	1363	1367	rVB5	95327	146548	1.82%	0.282%
40	10.286	1389	1393	1400	rVB	430725	532332	6.61%	1.023%
41	10.398	1408	1412	1418	rBV	236785	342012	4.25%	0.657%
42	10.510	1426	1431	1436	rVB	167193	254747	3.16%	0.490%
43	10.563	1436	1440	1443	rVB2	90914	110462	1.37%	0.212%
44	10.639	1448	1453	1457	rVB2	295852	416389	5.17%	0.800%
45	10.763	1470	1474	1482	rVB	454035	712278	8.85%	1.369%
46	10.869	1488	1492	1496	rVB	94760	118260	1.47%	0.227%
47	11.210	1546	1550	1553	rBV	294194	399434	4.96%	0.768%
48	11.239	1553	1555	1561	rVB2	211788	255102	3.17%	0.490%
49	11.339	1568	1572	1574	rBV	701266	958553	11.91%	1.842%
50	11.363	1574	1576	1581	rVV	1175854	1390277	17.27%	2.672%
51	11.416	1581	1585	1589	rVB	359637	442479	5.50%	0.850%
52	11.569	1607	1611	1618	rVB2	81632	156796	1.95%	0.301%
53	11.639	1619	1623	1625	rBV	273700	352184	4.37%	0.677%
54	11.739	1635	1640	1646	rVB	2662779	3331009	41.38%	6.402%
55	11.845	1654	1658	1659	rBV	135447	163510	2.03%	0.314%
56	11.874	1659	1663	1667	rVB	790292	1025440	12.74%	1.971%
57	11.957	1673	1677	1684	rVB	311453	549251	6.82%	1.056%
58	12.045	1688	1692	1700	rVB	209402	324219	4.03%	0.623%
59	12.139	1705	1708	1716	rVB4	126146	208475	2.59%	0.401%
60	12.392	1747	1751	1753	rBV	116558	159579	1.98%	0.307%
61	12.433	1753	1758	1760	rBV	5214803	8050720	100.00%	15.473%
62	12.533	1771	1775	1777	rBV	1177662	1614415	20.05%	3.103%
63	12.563	1777	1780	1783	rVV	2106309	3670086	45.59%	7.054%
64	12.592	1783	1785	1793	rVV	1752007	2326860	28.90%	4.472%
65	12.663	1793	1797	1802	rVV3	307870	437823	5.44%	0.841%
66	12.786	1811	1818	1825	rBV	1492384	2406631	29.89%	4.625%
67	12.927	1835	1842	1849	rVB3	476563	754040	9.37%	1.449%
68	13.116	1870	1874	1879	rVB	239395	356204	4.42%	0.685%
69	13.180	1880	1885	1888	rBV2	275172	398183	4.95%	0.765%
70	13.216	1888	1891	1895	rVB	95059	108157	1.34%	0.208%
71	13.310	1904	1907	1916	rVB3	118375	302322	3.76%	0.581%
72	13.733	1975	1979	1981	rBV3	124055	175722	2.18%	0.338%
73	13.980	2016	2021	2024	rBV2	1155952	1875689	23.30%	3.605%
74	14.892	2172	2176	2182	rVB	273721	438979	5.45%	0.844%
75	15.027	2195	2199	2209	rVB	551244	1193895	14.83%	2.295%
76	15.327	2246	2250	2256	rVB	270401	403954	5.02%	0.776%

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

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.392	2256	2261	2266	rBV	402456	600579	7.46%	1.154%
78	15.451	2267	2271	2275	rBV	388145	609679	7.57%	1.172%
79	16.904	2514	2518	2526	rVB2	180082	356364	4.43%	0.685%

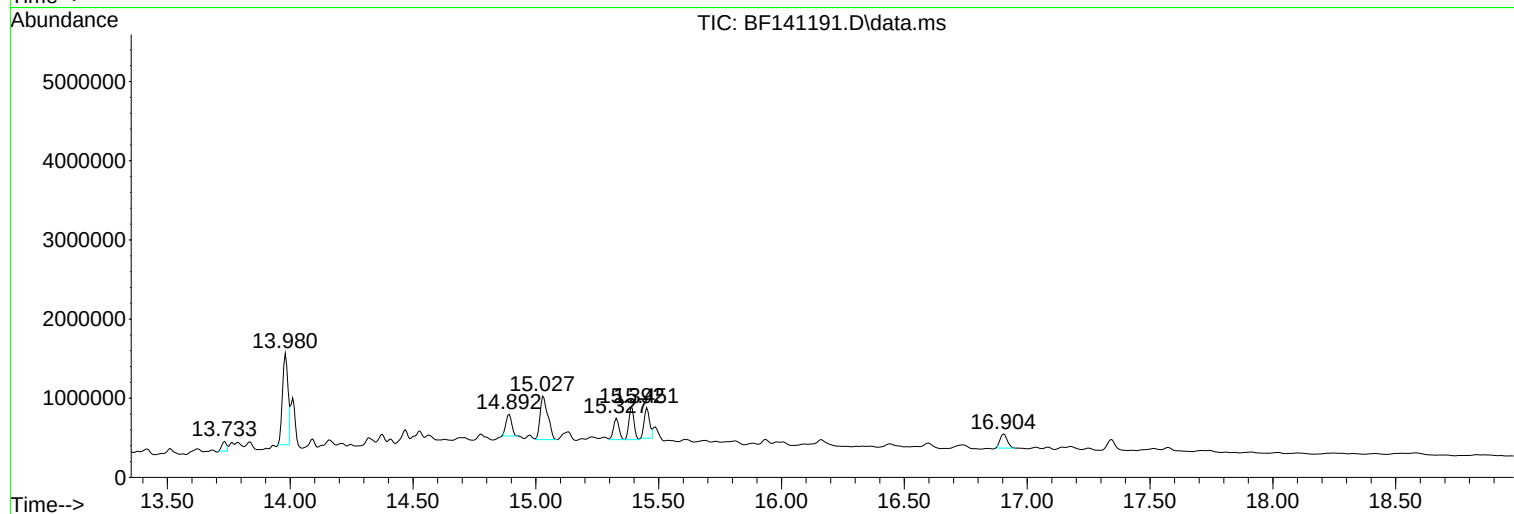
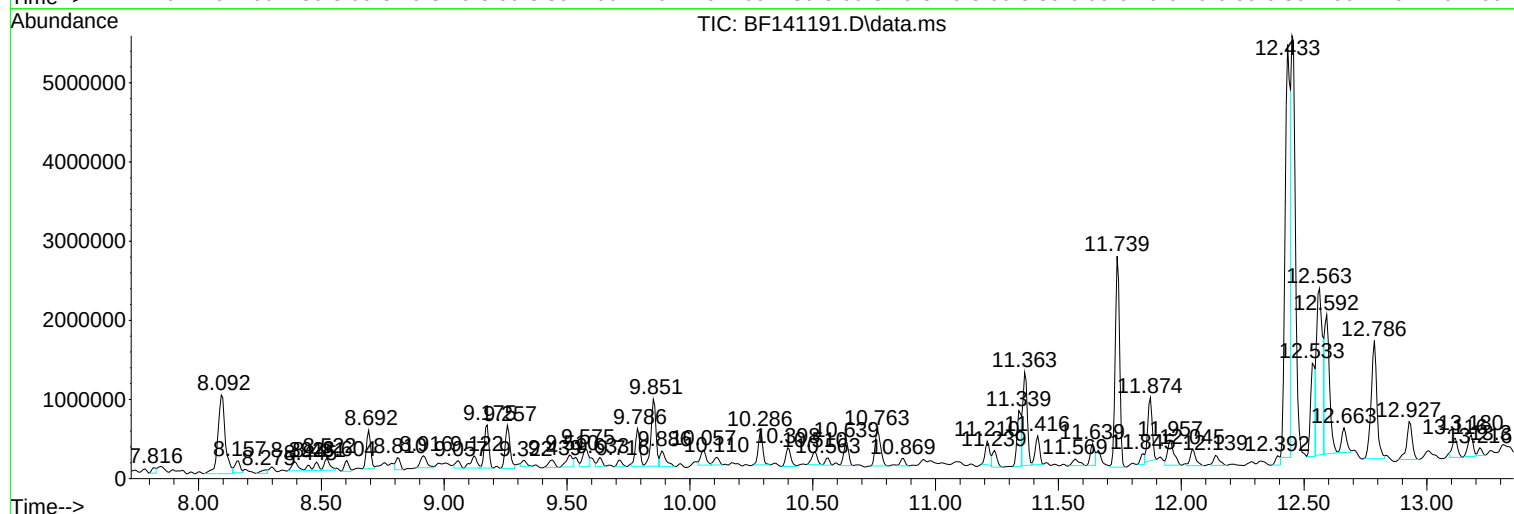
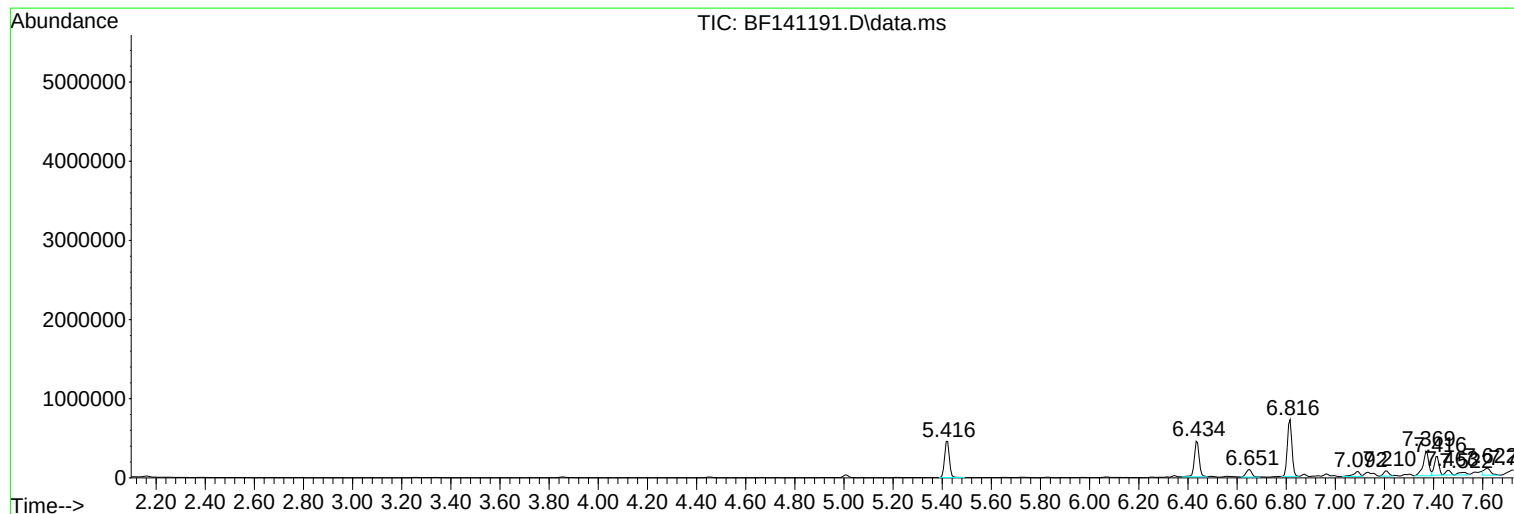
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
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Operator : RC/JU
Sample : Q1099-01 5X
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Instrument :
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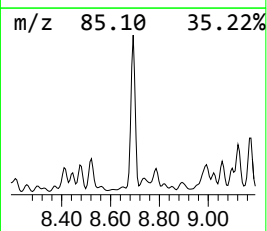
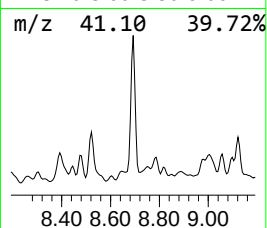
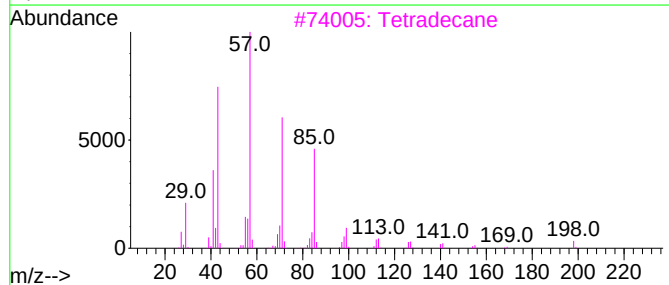
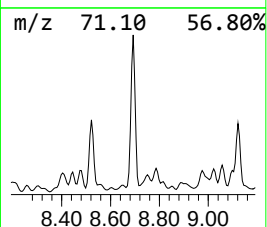
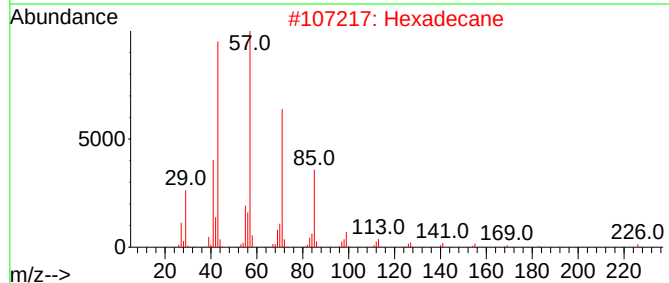
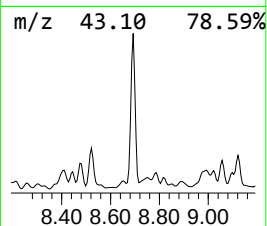
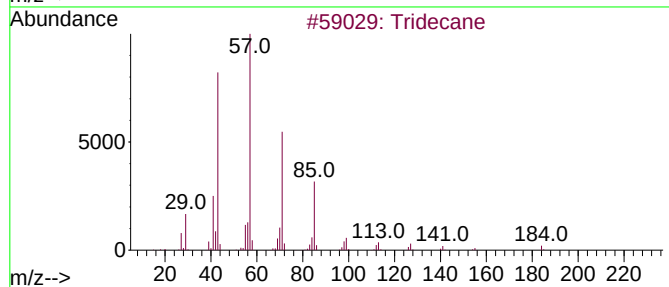
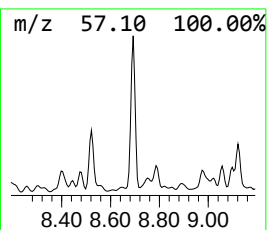
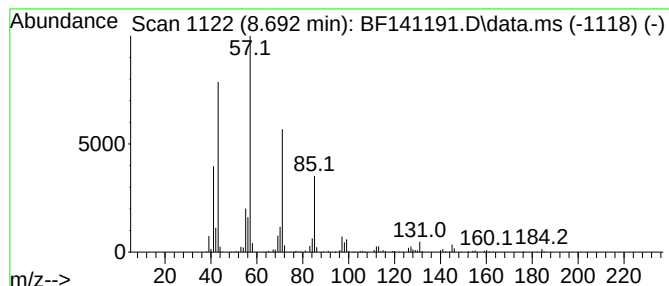
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.692	5.75 ng	595184	Naphthalene-d8	8.098

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	83
3			Tetradecane	198	C14H30	000629-59-4	80
4			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	68
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	68



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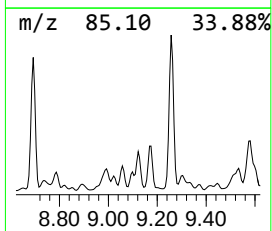
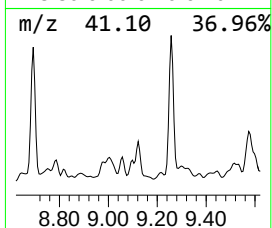
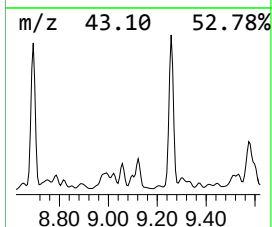
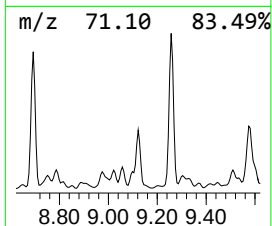
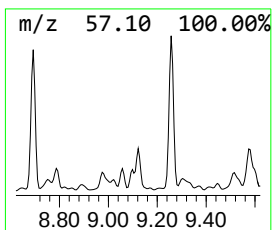
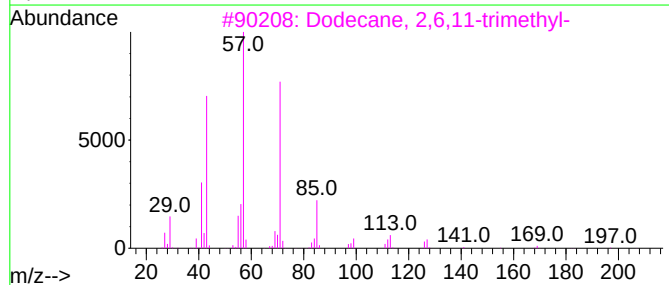
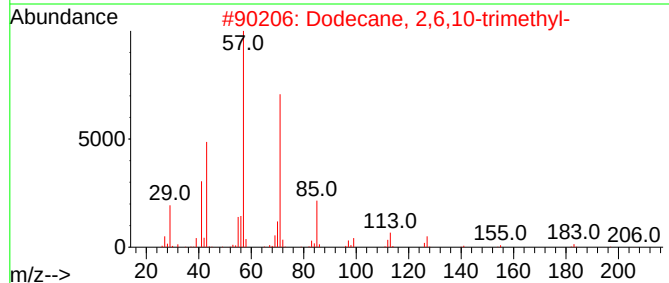
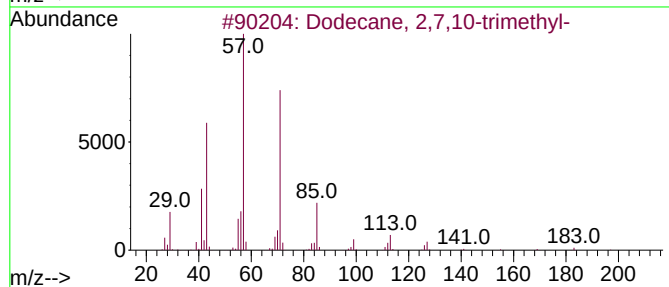
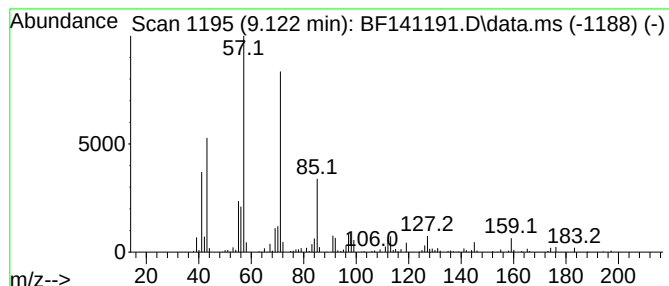
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecane, 2,7,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.122	4.72 ng	281326	Acenaphthene-d10	9.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	64



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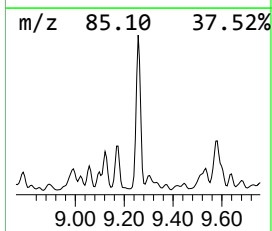
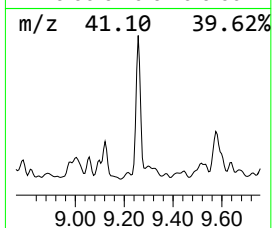
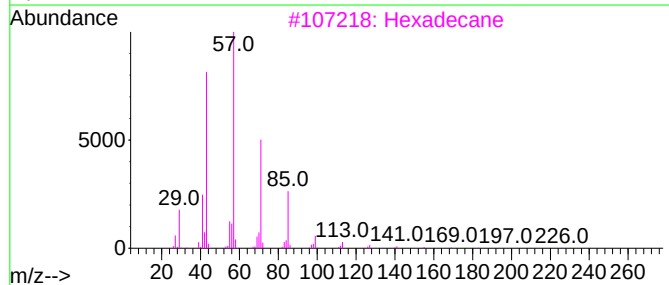
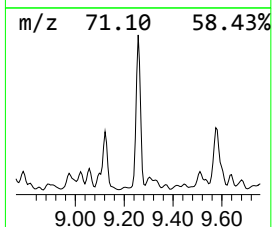
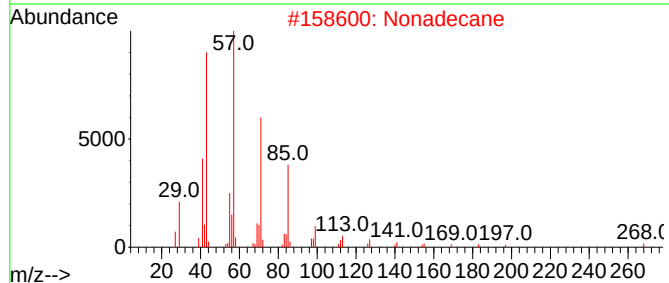
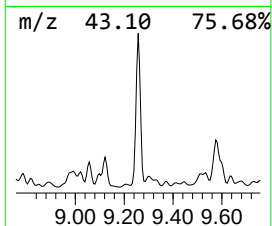
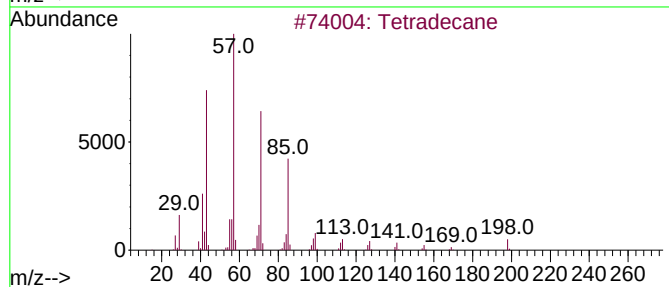
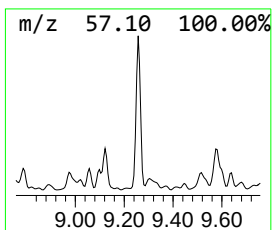
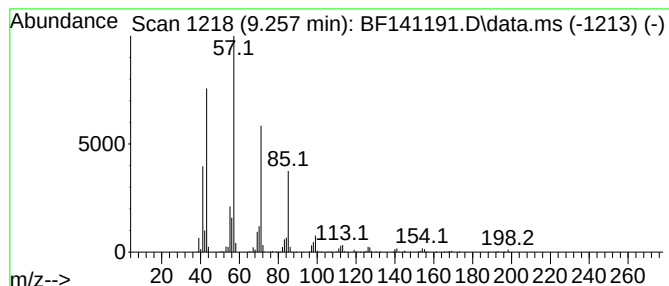
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	12.50 ng	745543	Acenaphthene-d10	9.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Nonadecane	268	C19H40	000629-92-5	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Pentadecane	212	C15H32	000629-62-9	86
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80



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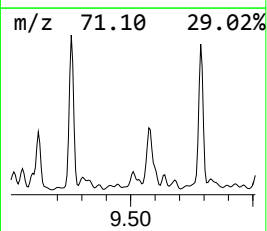
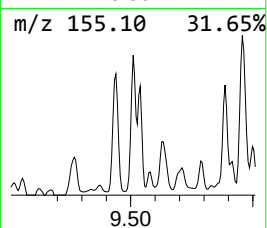
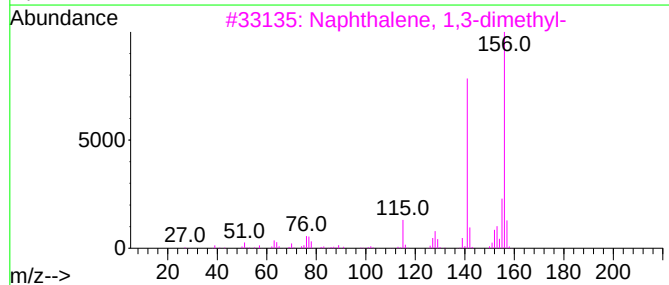
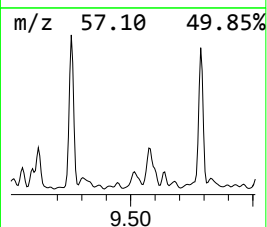
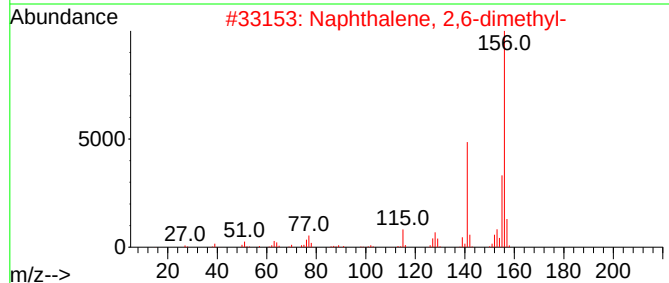
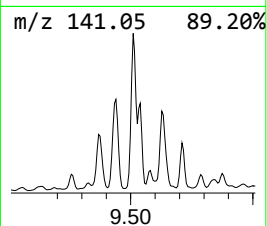
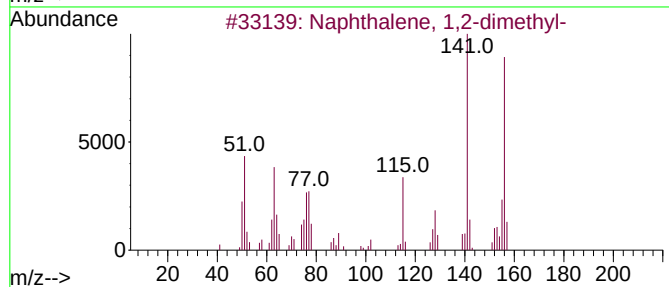
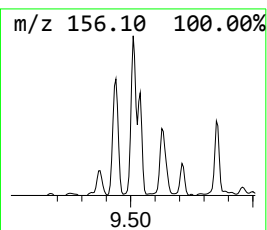
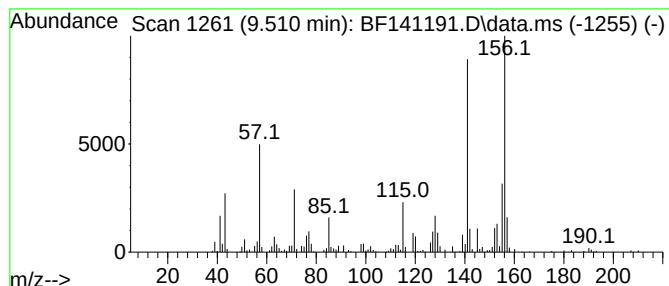
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	4.87 ng	290390	Acenaphthene-d10	9.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141191.D
Acq On : 16 Jan 2025 17:50
Operator : RC/JU
Sample : Q1099-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-01152025

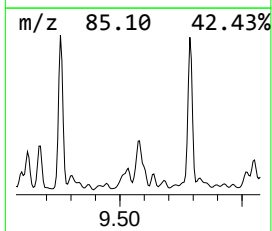
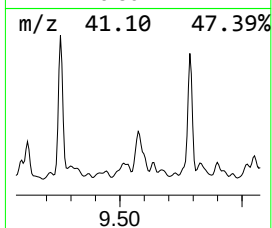
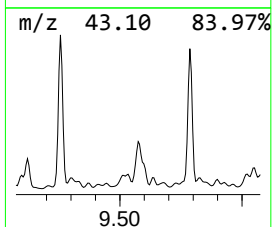
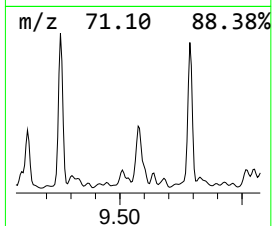
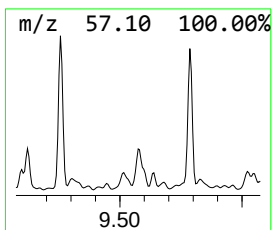
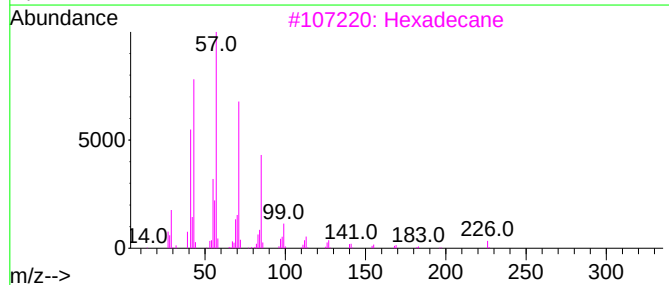
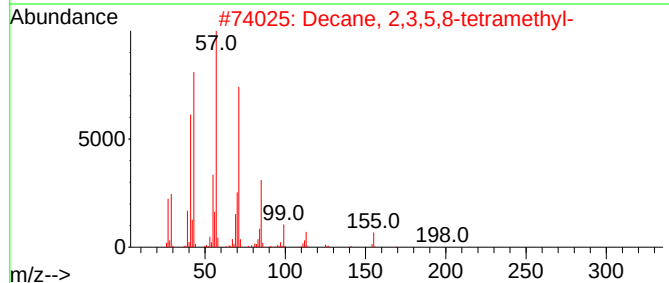
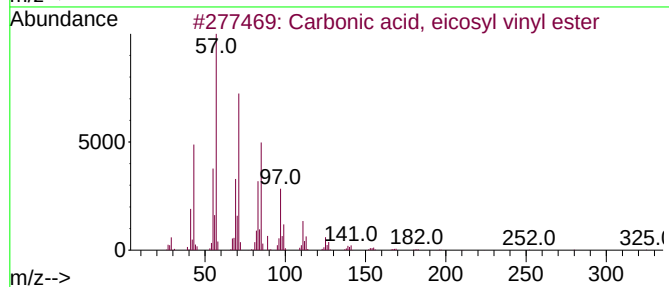
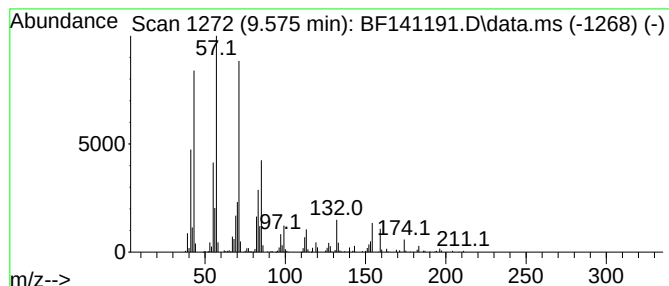
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Carbonic acid, eicosyl vinyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	6.29 ng	375572	Acenaphthene-d10	9.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
2			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64
3			Hexadecane	226	C16H34	000544-76-3	58
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141191.D
Acq On : 16 Jan 2025 17:50
Operator : RC/JU
Sample : Q1099-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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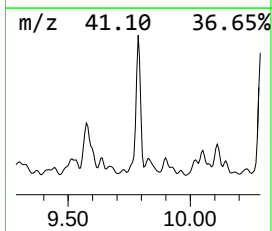
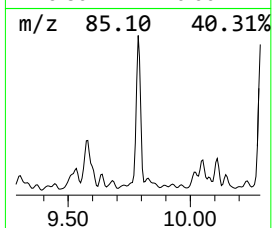
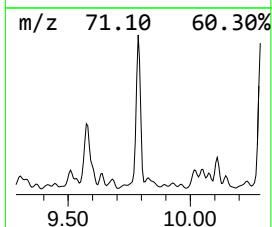
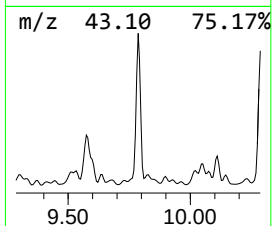
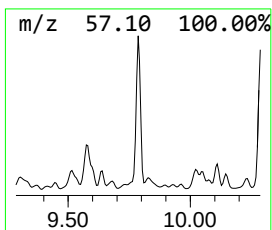
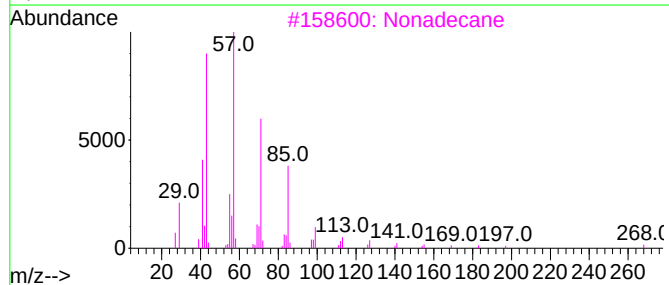
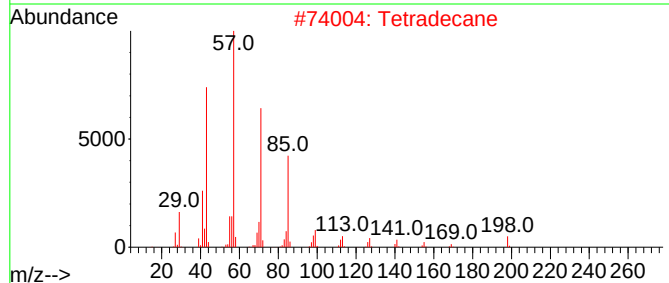
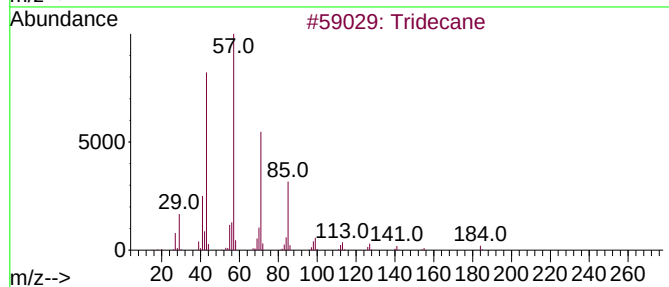
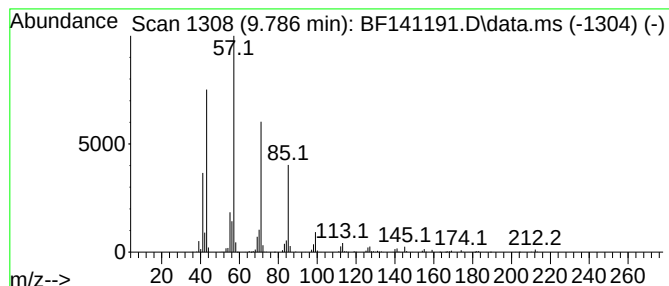
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	10.15 ng	605609	Acenaphthene-d10	9.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Nonadecane	268	C19H40	000629-92-5	90
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141191.D
Acq On : 16 Jan 2025 17:50
Operator : RC/JU
Sample : Q1099-01 5X
Misc :
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Instrument :
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ClientSampleId :
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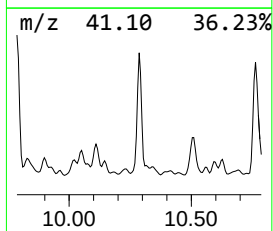
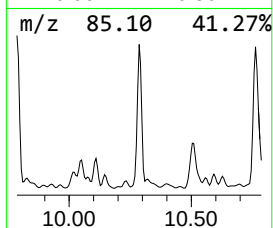
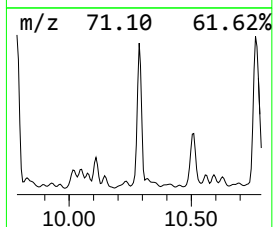
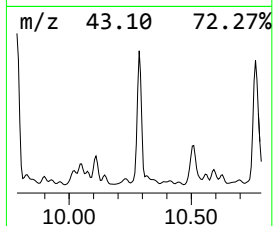
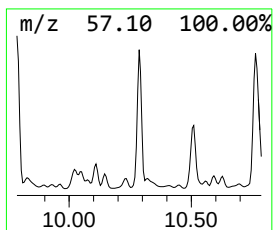
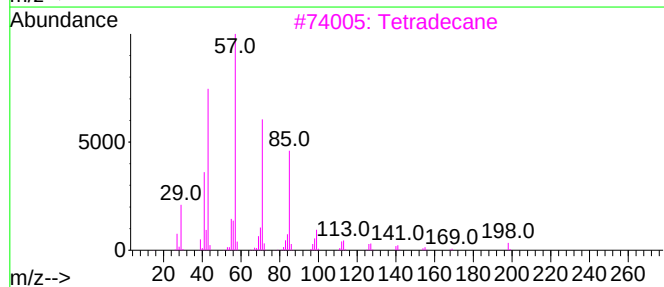
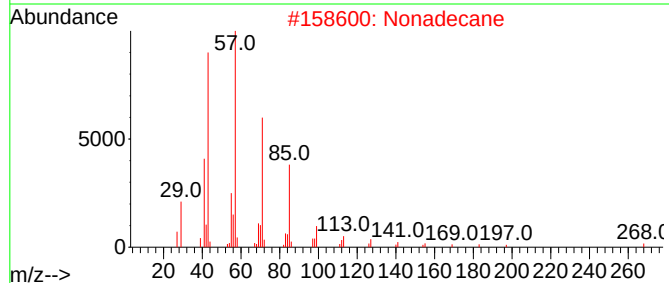
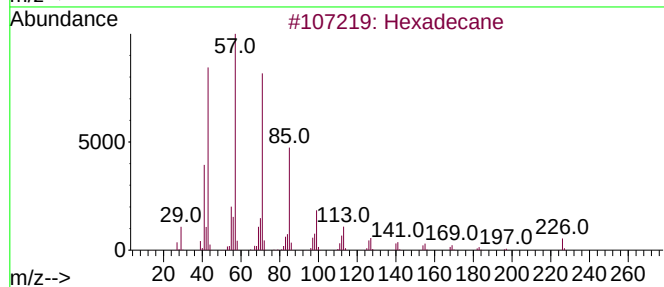
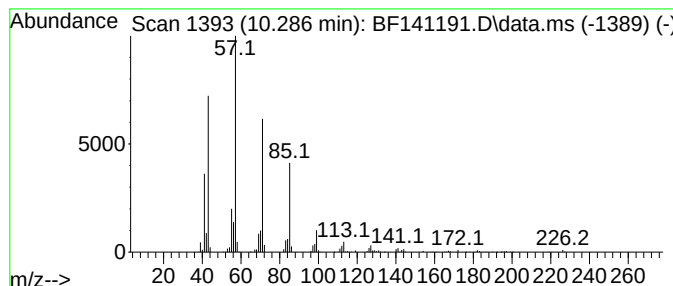
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	8.92 ng	532332	Acenaphthene-d10	9.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Nonadecane	268	C19H40	000629-92-5	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Tridecane	184	C13H28	000629-50-5	90
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
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Acq On : 16 Jan 2025 17:50
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Sample : Q1099-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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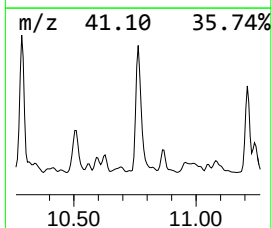
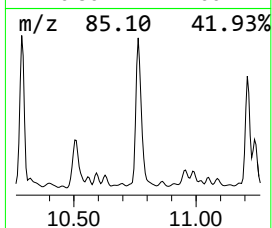
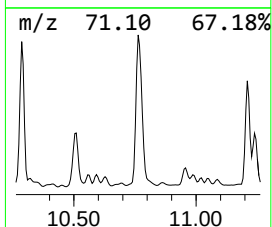
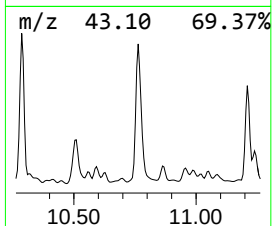
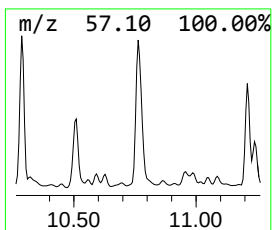
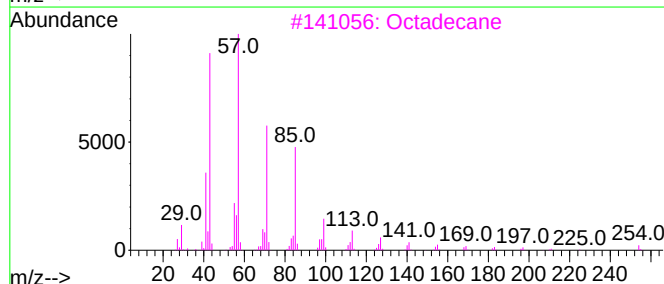
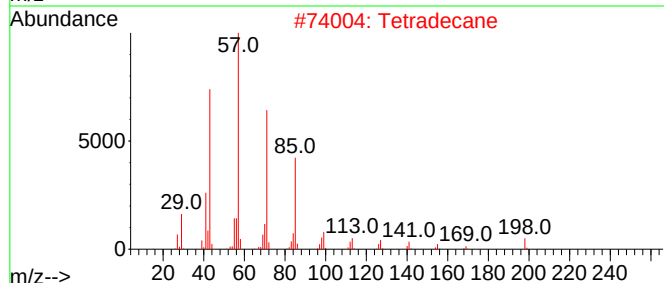
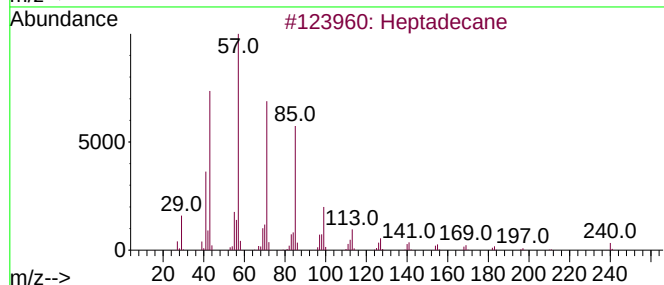
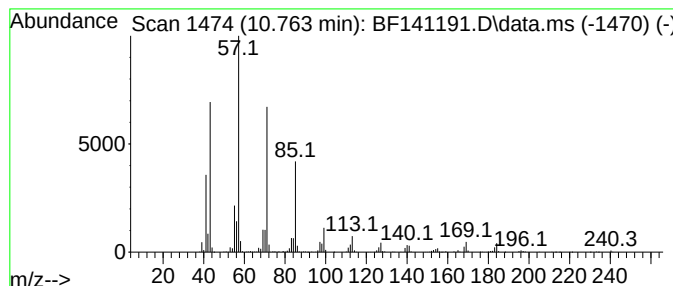
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	14.86 ng	712278	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Tetradecane	198	C14H30	000629-59-4	91
3			Octadecane	254	C18H38	000593-45-3	91
4			Tetracosane	338	C24H50	000646-31-1	87
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
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Instrument :
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ClientSampleId :
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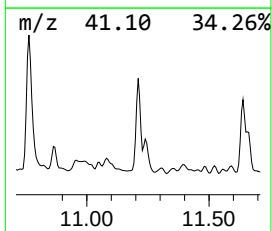
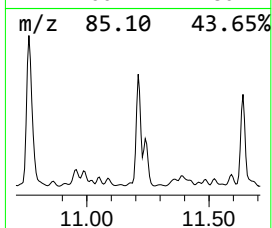
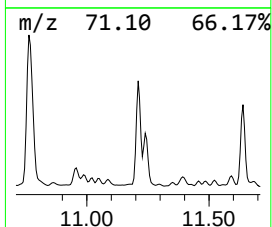
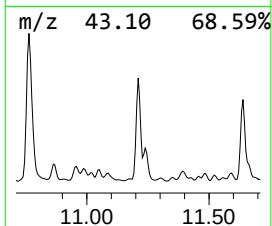
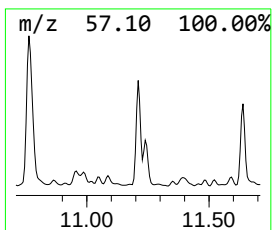
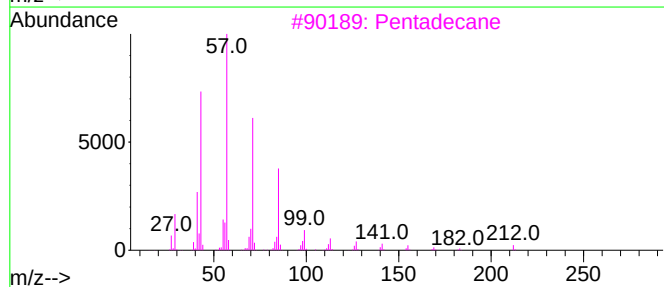
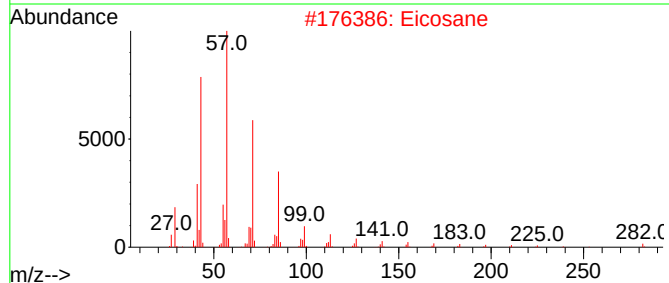
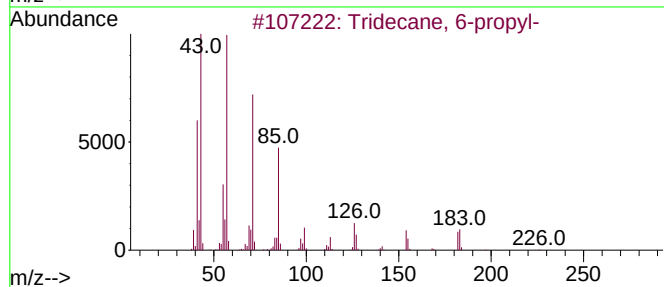
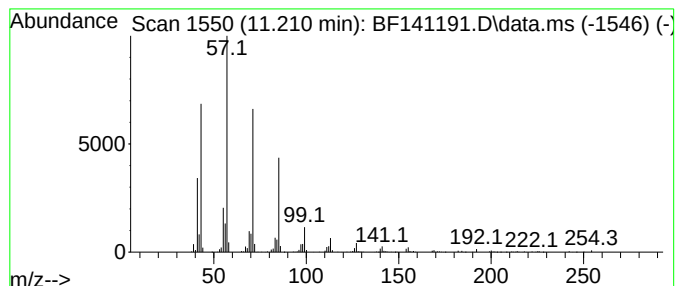
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	8.33 ng	399434	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
2			Eicosane	282	C20H42	000112-95-8	91
3			Pentadecane	212	C15H32	000629-62-9	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
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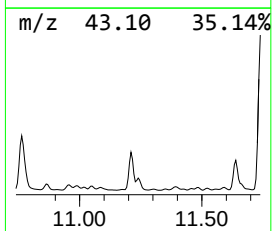
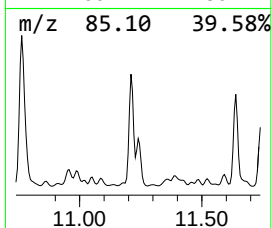
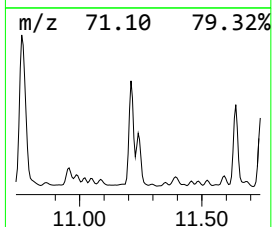
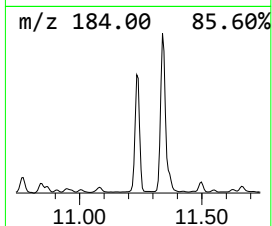
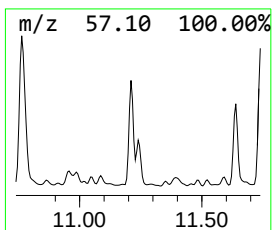
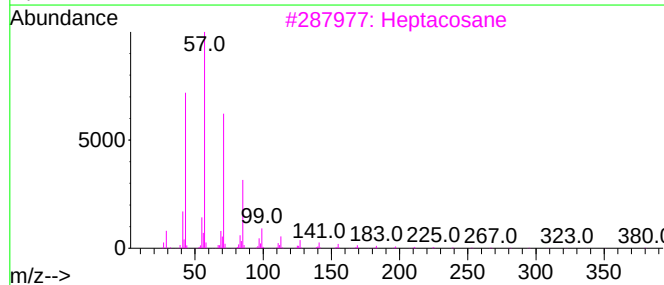
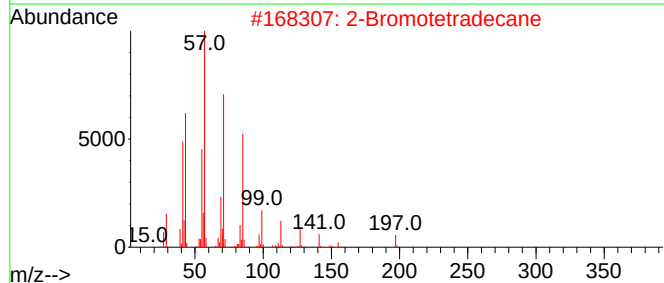
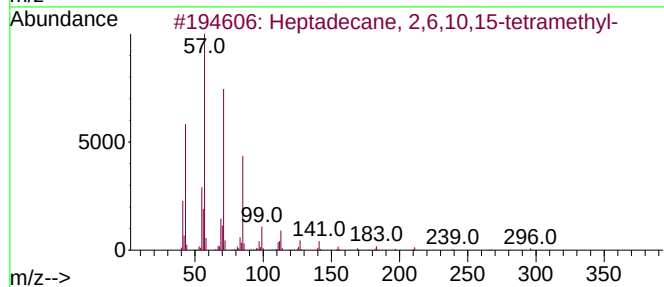
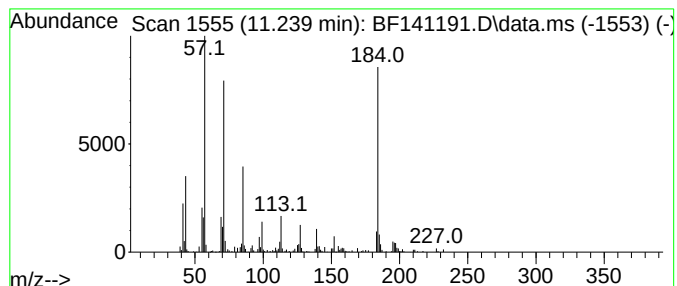
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.239 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	5.32 ng	255102	Phenanthrene-d10	11.339

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	46
3		Heptacosane	380	C27H56	000593-49-7	43
4		Hexadecane	226	C16H34	000544-76-3	43
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141191.D
Acq On : 16 Jan 2025 17:50
Operator : RC/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-01152025

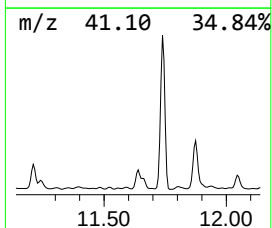
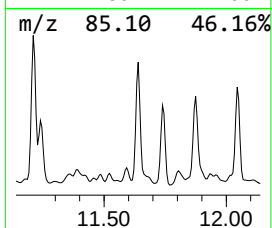
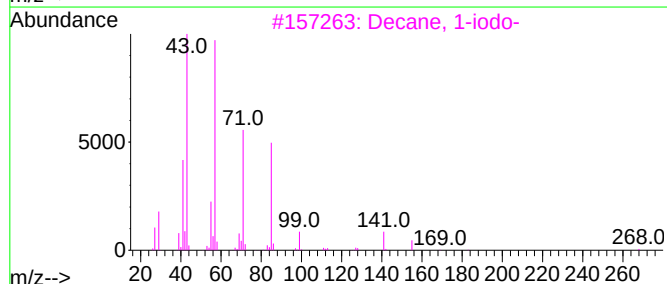
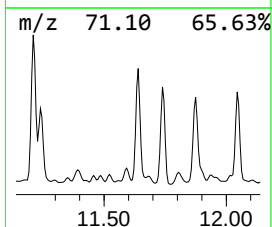
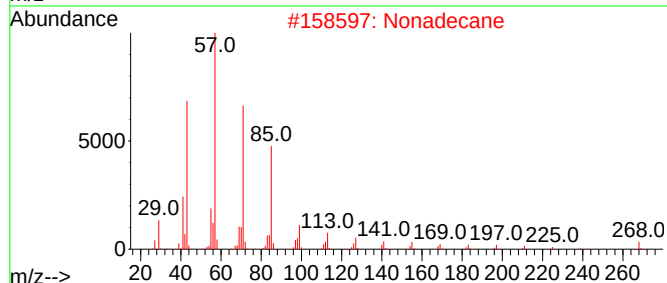
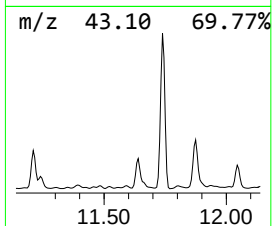
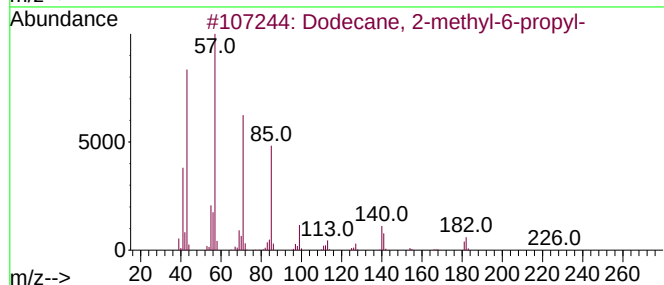
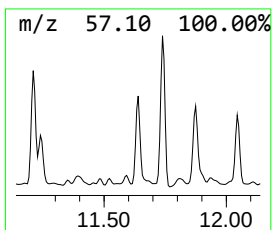
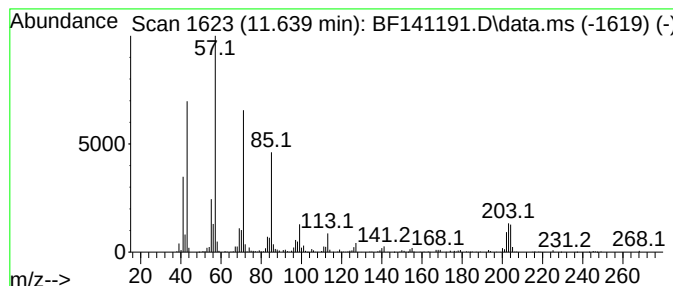
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.639	7.35 ng	352184	Phenanthrene-d10	11.339

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	76
2		Nonadecane	268	C19H40	000629-92-5	76
3		Decane, 1-iodo-	268	C10H21I	002050-77-3	70
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	68
5		Eicosane	282	C20H42	000112-95-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141191.D
Acq On : 16 Jan 2025 17:50
Operator : RC/JU
Sample : Q1099-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-01152025

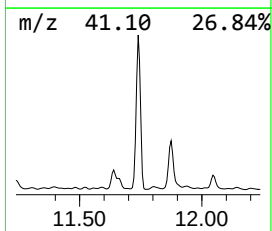
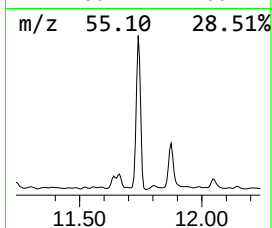
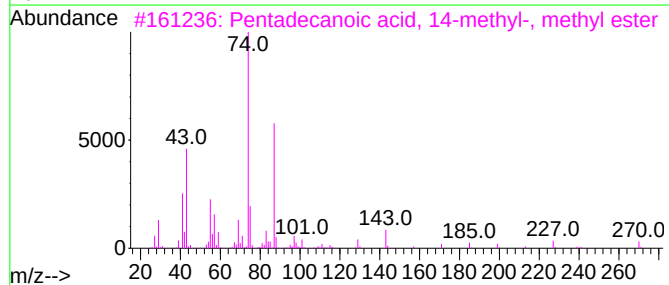
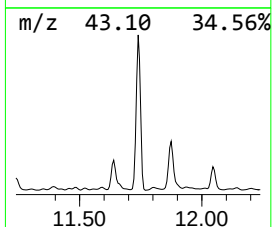
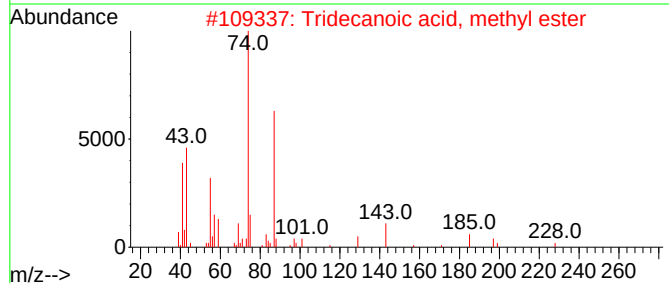
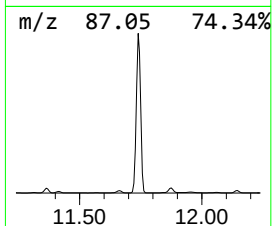
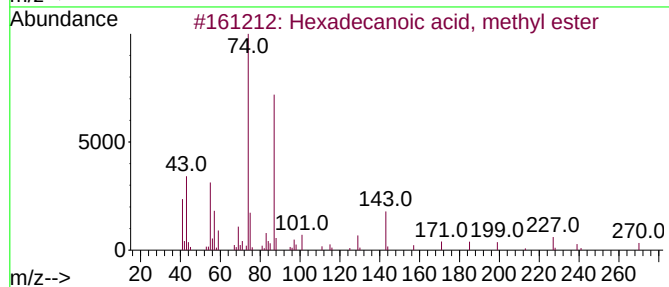
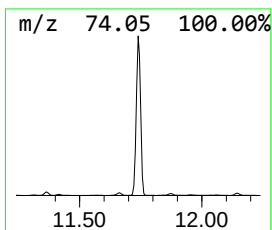
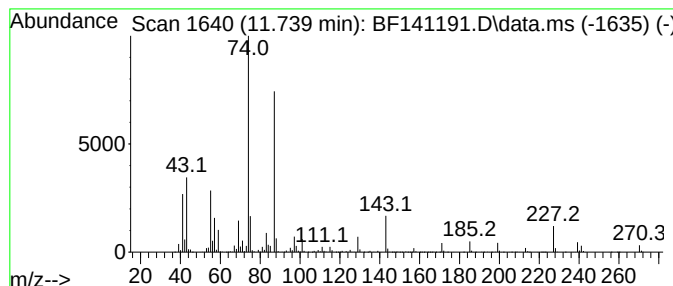
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	69.50 ng	3331010	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141191.D
Acq On : 16 Jan 2025 17:50
Operator : RC/JU
Sample : Q1099-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-01152025

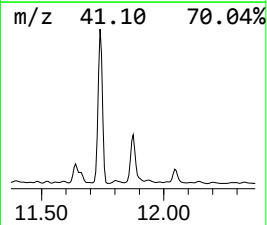
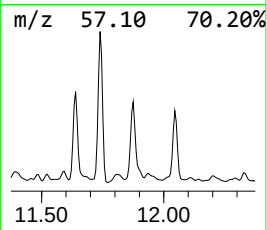
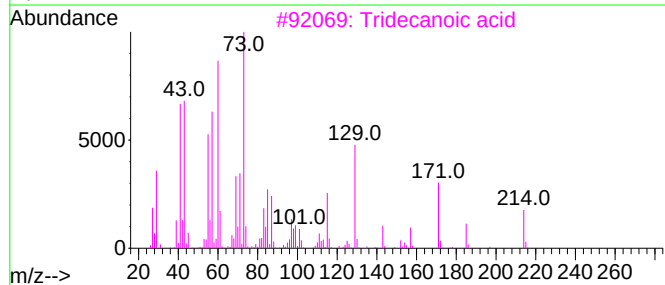
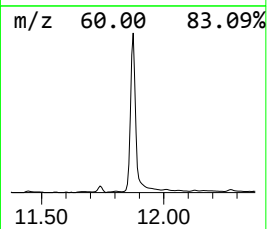
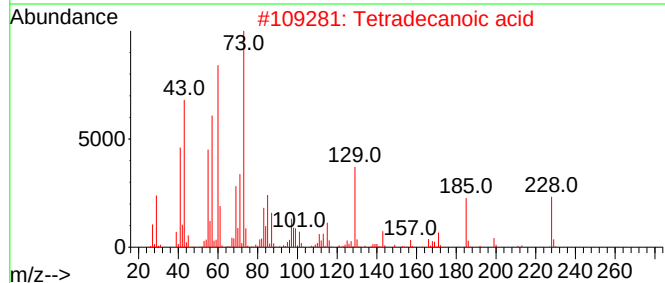
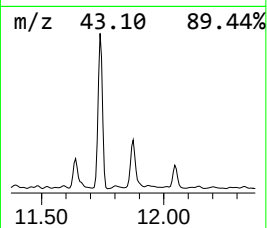
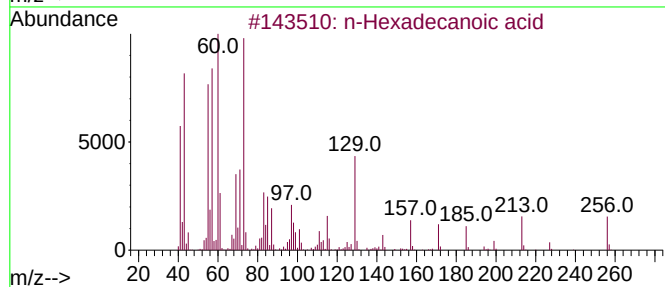
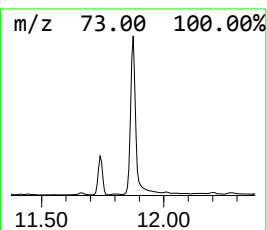
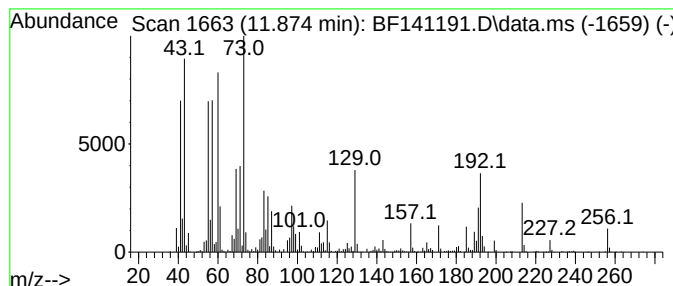
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	21.40 ng	1025440	Phenanthrene-d10	11.339

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141191.D
Acq On : 16 Jan 2025 17:50
Operator : RC/JU
Sample : Q1099-01 5X
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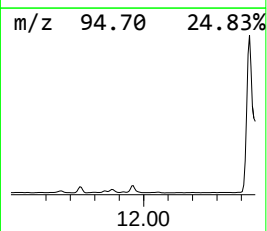
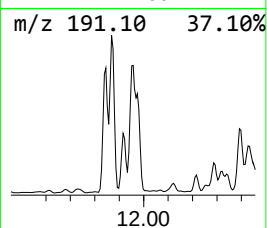
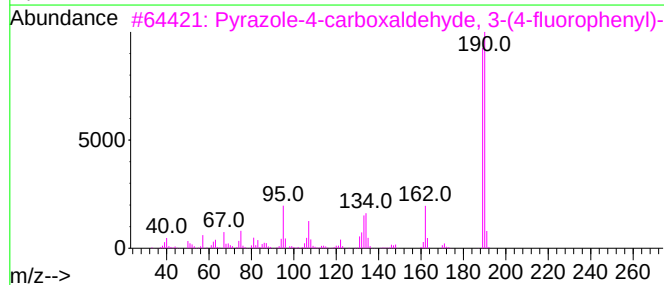
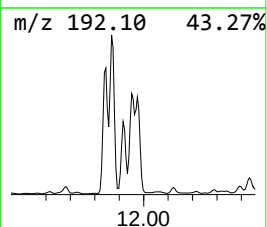
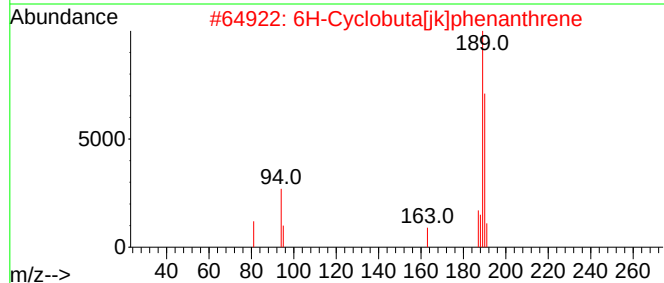
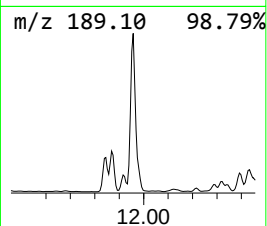
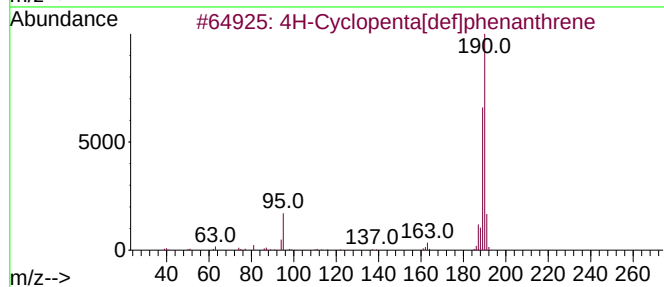
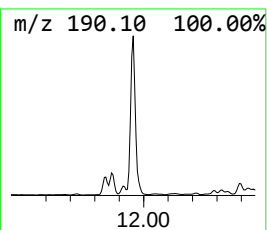
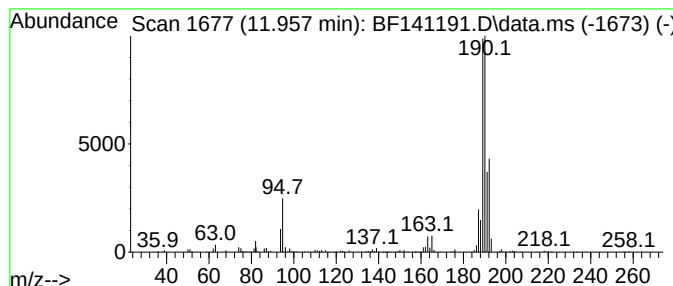
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.957	11.46 ng	549251	Phenanthrene-d10		11.339	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	53
3	Pyrazole-4-carboxaldehyde, 3-(4-...		190	C10H7FN2O	306936-57-2	50
4	2,3,5,6-Tetramethylterephthalald...		190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	28



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
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Acq On : 16 Jan 2025 17:50
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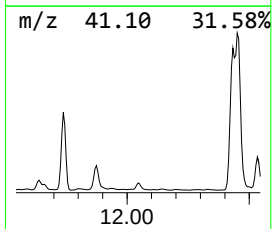
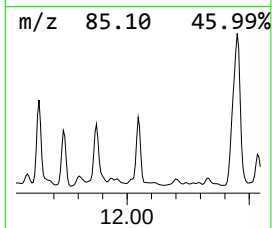
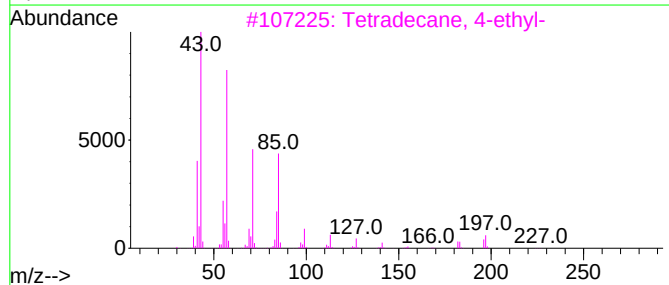
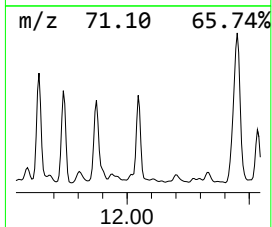
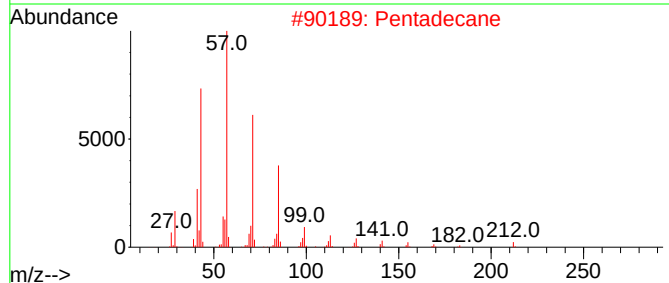
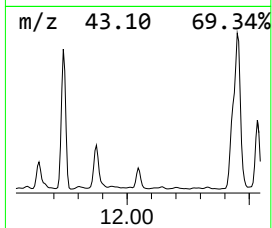
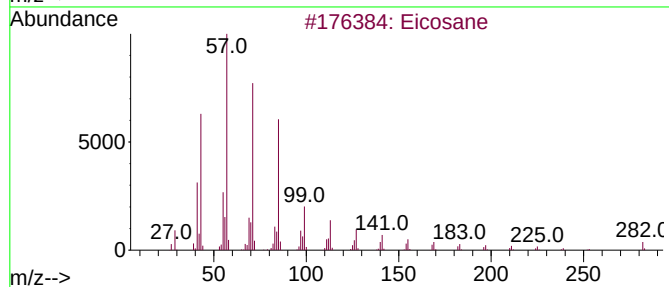
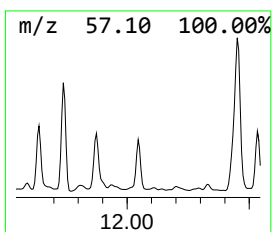
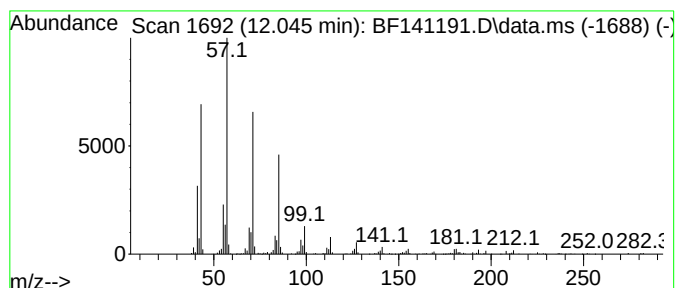
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	6.76 ng	324219	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Pentadecane	212	C15H32	000629-62-9	96
3			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
4			Nonadecane	268	C19H40	000629-92-5	91
5			Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141191.D
Acq On : 16 Jan 2025 17:50
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Sample : Q1099-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-01152025

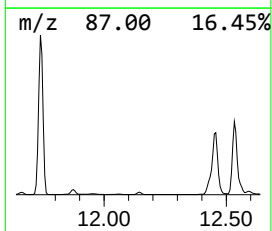
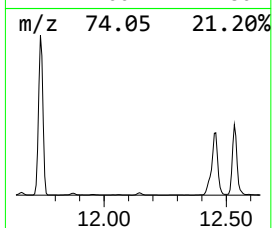
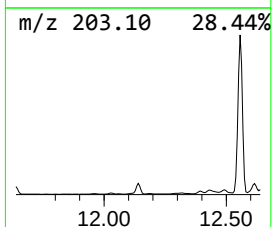
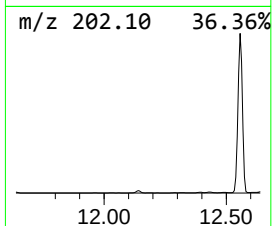
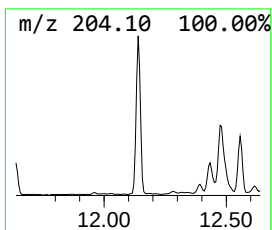
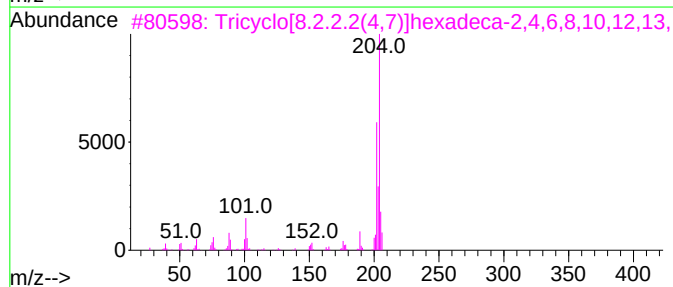
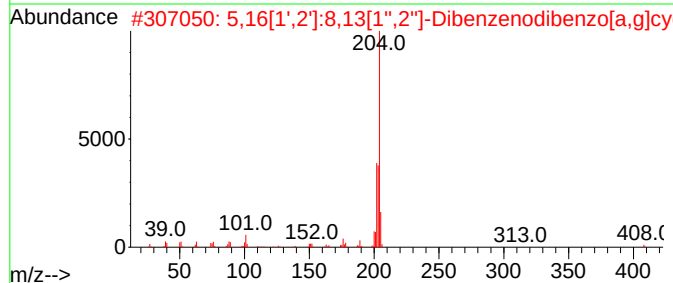
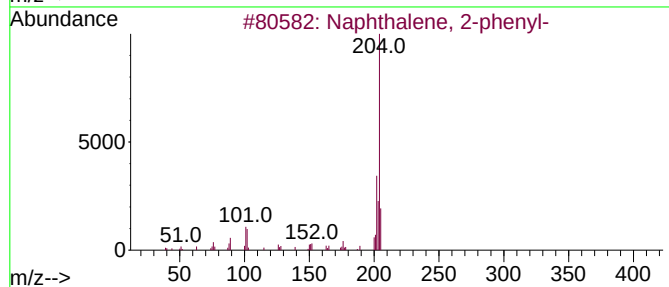
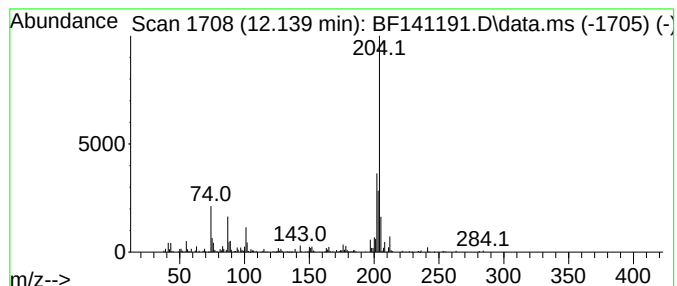
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	4.35 ng	208475	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	68
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
5			Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
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Acq On : 16 Jan 2025 17:50
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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OR-02-01152025

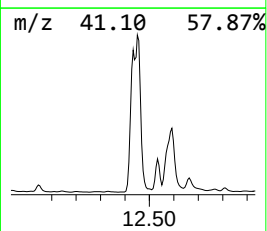
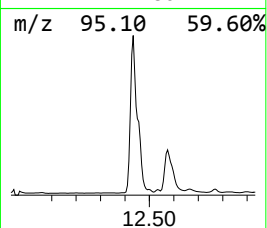
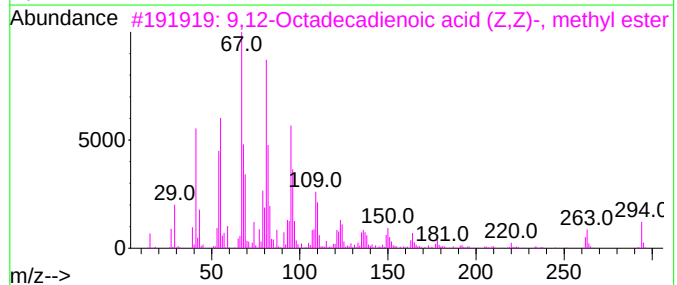
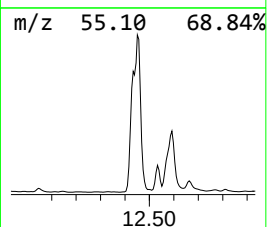
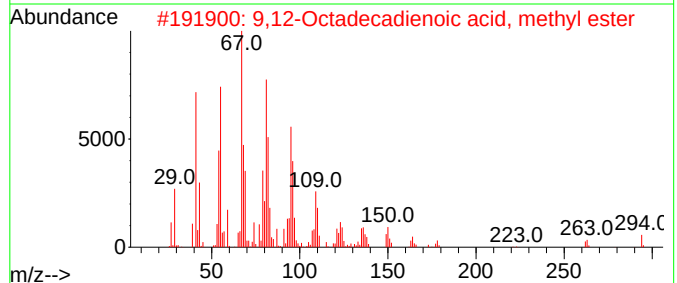
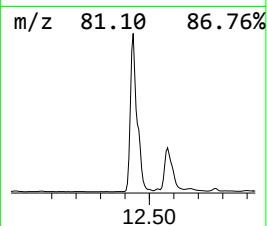
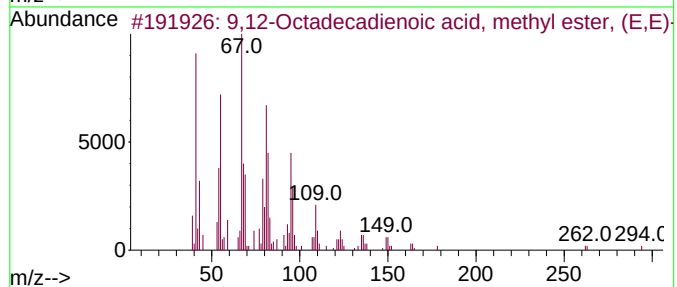
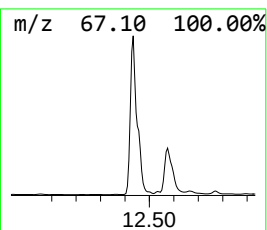
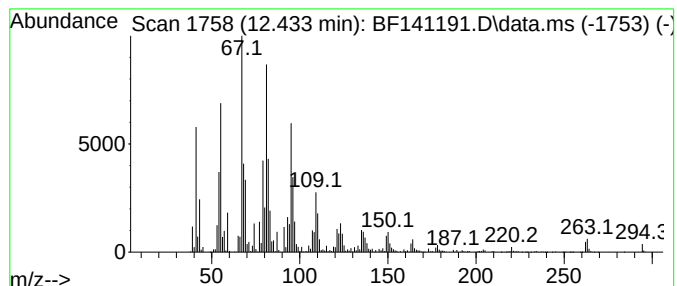
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	167.98 ng	8050720	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99		
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99		
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141191.D
Acq On : 16 Jan 2025 17:50
Operator : RC/JU
Sample : Q1099-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-01152025

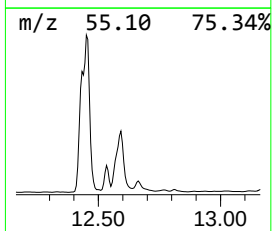
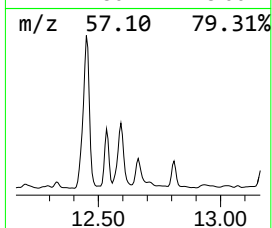
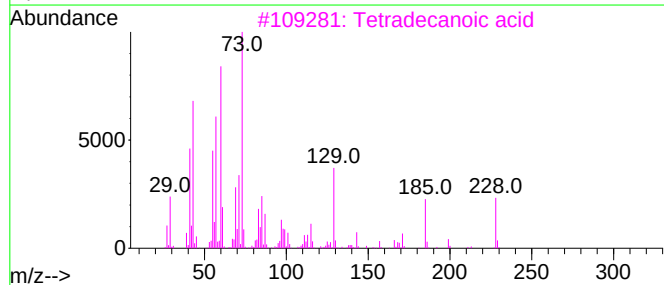
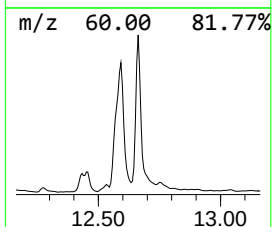
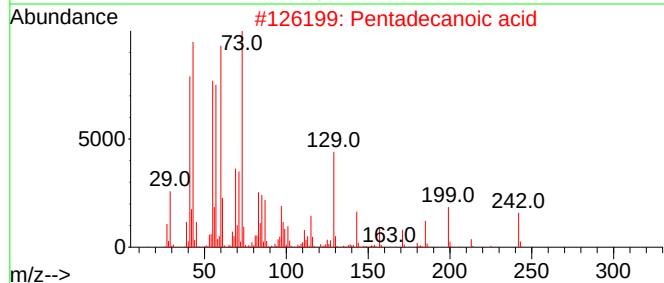
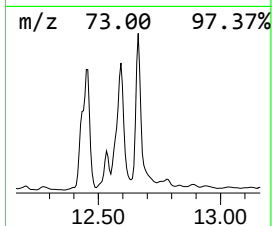
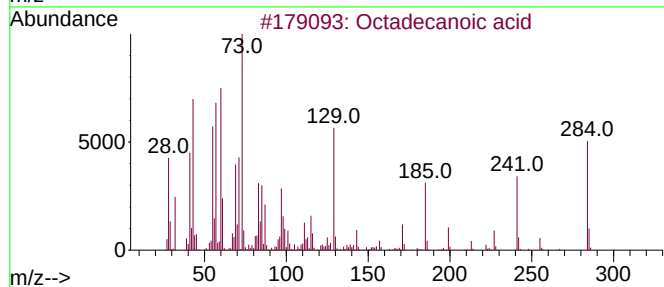
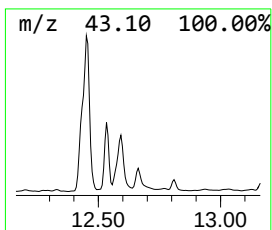
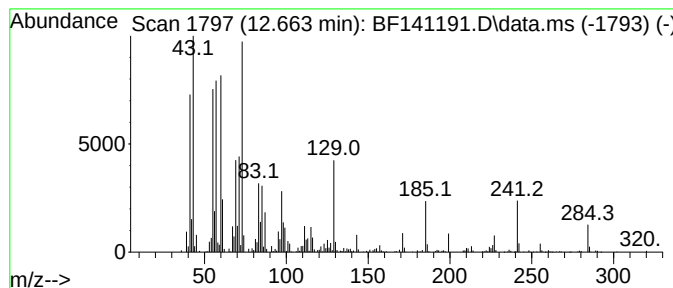
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	9.14 ng	437823	Phenanthrene-d10	11.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141191.D
Acq On : 16 Jan 2025 17:50
Operator : RC/JU
Sample : Q1099-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

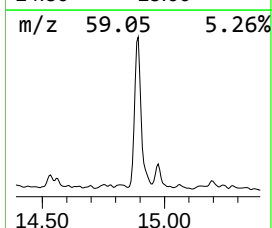
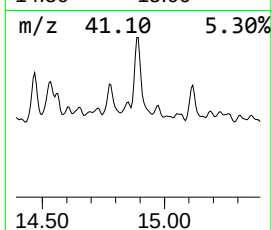
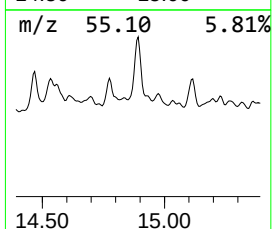
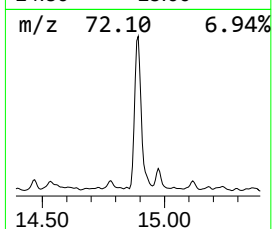
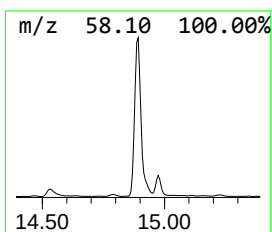
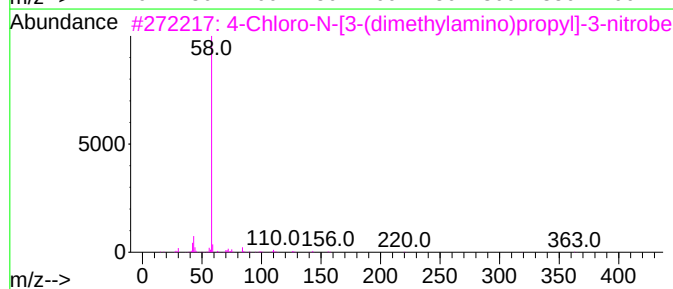
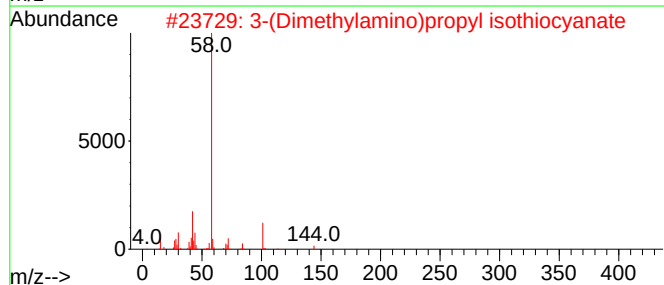
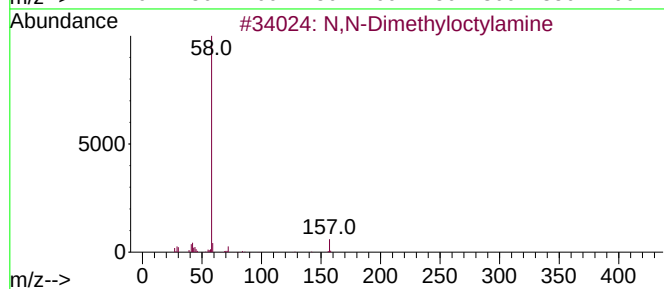
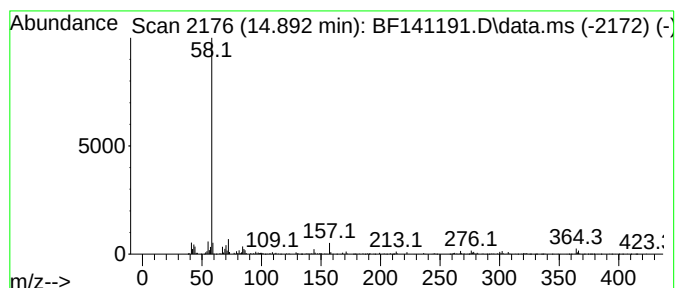
Instrument :
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ClientSampleId :
OR-02-01152025

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 19 N,N-Dimethyloctylamine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.892	14.40 ng	438979	Perylene-d12			15.451
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine		157	C10H23N	007378-99-6	72
2	3-(Dimethylamino)propyl isothioc...		144	C6H12N2S	027421-70-1	64
3	4-Chloro-N-[3-(dimethylamino)pro...		363	C13H18ClN3O5S	1000509-64-1	64
4	Dimantine		297	C20H43N	000124-28-7	59
5	2-Butanone, 4-(dimethylamino)-3-...		129	C7H15NO	022104-62-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141191.D
Acq On : 16 Jan 2025 17:50
Operator : RC/JU
Sample : Q1099-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-01152025

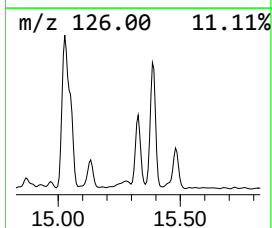
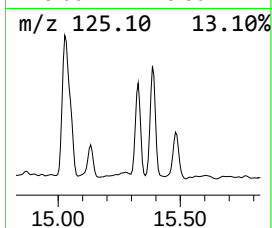
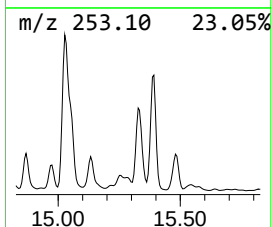
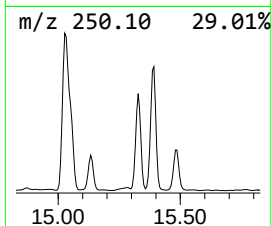
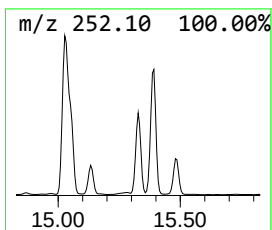
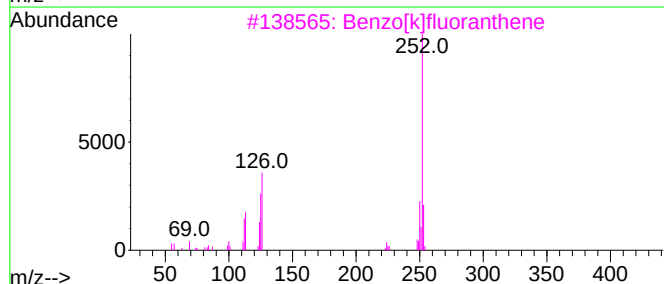
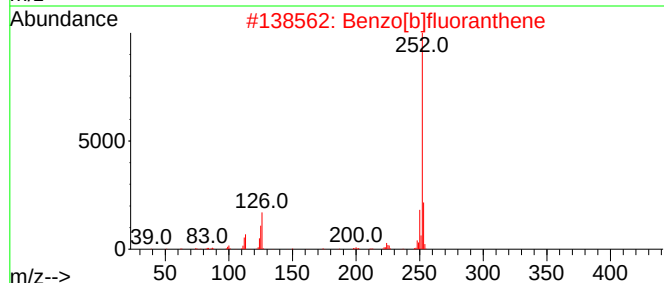
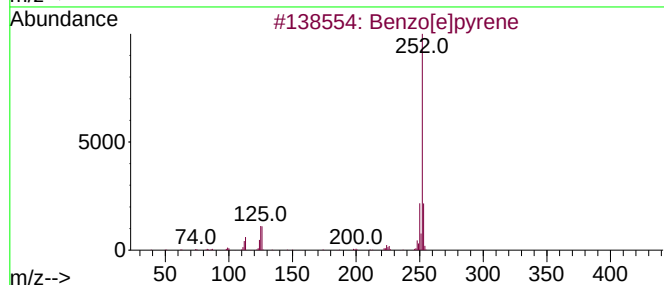
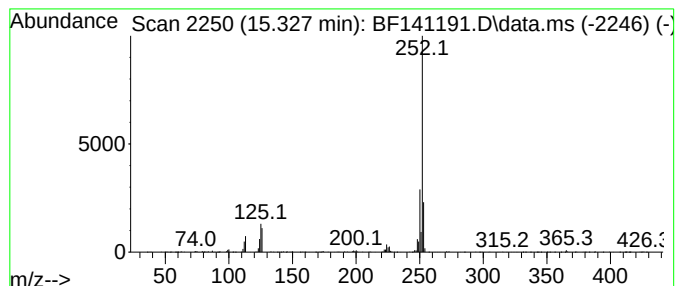
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.327	13.25 ng	403954	Perylene-d12	15.451

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141191.D
 Acq On : 16 Jan 2025 17:50
 Operator : RC/JU
 Sample : Q1099-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-01152025

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
Tridecane	8.692	5.8	ng	595184	2	8.098	2071030	20.0
Dodecane, 2,7,1...	9.122	4.7	ng	281326	3	9.851	1193310	20.0
Tetradecane	9.257	12.5	ng	745543	3	9.851	1193310	20.0
Naphthalene, 1,...	9.510	4.9	ng	290390	3	9.851	1193310	20.0
Carbonic acid, ...	9.575	6.3	ng	375572	3	9.851	1193310	20.0
Nonadecane	9.786	10.2	ng	605609	3	9.851	1193310	20.0
Hexadecane	10.286	8.9	ng	532332	3	9.851	1193310	20.0
Heptadecane	10.763	14.9	ng	712278	4	11.339	958553	20.0
Tridecane, 6-pr...	11.210	8.3	ng	399434	4	11.339	958553	20.0
unknown11.239	11.239	5.3	ng	255102	4	11.339	958553	20.0
Dodecane, 2-met...	11.639	7.3	ng	352184	4	11.339	958553	20.0
Hexadecanoic ac...	11.739	69.5	ng	3331010	4	11.339	958553	20.0
n-Hexadecanoic ...	11.874	21.4	ng	1025440	4	11.339	958553	20.0
4H-Cyclopenta[d...	11.957	11.5	ng	549251	4	11.339	958553	20.0
Eicosane	12.045	6.8	ng	324219	4	11.339	958553	20.0
Naphthalene, 2-...	12.139	4.3	ng	208475	4	11.339	958553	20.0
9,12-Octadecadi...	12.433	168.0	ng	8050720	4	11.339	958553	20.0
Octadecanoic acid	12.663	9.1	ng	437823	4	11.339	958553	20.0
N,N-Dimethyloct...	14.892	14.4	ng	438979	6	15.451	609679	20.0
Benzo[e]pyrene	15.327	13.3	ng	403954	6	15.451	609679	20.0