

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143317.D
 Acq On : 05 Aug 2025 15:55
 Operator : RC/JU
 Sample : Q2760-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-08042025

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-BF071725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143317.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.275	7	14	28	rVB	365101	593792	55.83%	3.213%
2	4.099	316	324	332	rBV	6743	11625	1.09%	0.063%
3	5.187	503	509	518	rVB	68749	94708	8.90%	0.512%
4	5.599	573	579	595	rBV	675663	906650	85.24%	4.906%
5	6.593	739	748	765	rBV	703863	945879	88.93%	5.118%
6	6.804	780	784	787	rBV2	11361	14906	1.40%	0.081%
7	6.963	806	811	818	rBV	521683	648405	60.96%	3.508%
8	7.240	848	858	861	rBV3	16151	27154	2.55%	0.147%
9	7.281	861	865	868	rBV2	9936	14238	1.34%	0.077%
10	7.357	873	878	883	rBV3	15903	27804	2.61%	0.150%
11	7.445	888	893	897	rVB3	5761	12421	1.17%	0.067%
12	7.516	897	905	909	rBV	463094	604584	56.84%	3.271%
13	7.557	909	912	916	rVB	48203	60778	5.71%	0.329%
14	7.610	916	921	925	rBV3	21317	31329	2.95%	0.170%
15	7.775	945	949	957	rVB3	31178	53776	5.06%	0.291%
16	7.869	957	965	966	rBV2	22822	43261	4.07%	0.234%
17	7.892	966	969	972	rVV2	23539	28192	2.65%	0.153%
18	7.928	972	975	978	rVB4	15860	19016	1.79%	0.103%
19	7.963	978	981	983	rBV4	21742	26689	2.51%	0.144%
20	7.992	983	986	991	rVB5	24661	40400	3.80%	0.219%
21	8.040	991	994	996	rBV2	11442	12361	1.16%	0.067%
22	8.116	1005	1007	1010	rVB4	11720	11184	1.05%	0.061%
23	8.151	1010	1013	1016	rBV3	14589	17922	1.69%	0.097%
24	8.245	1017	1029	1035	rVV	661015	1057814	99.46%	5.724%
25	8.304	1035	1039	1042	rVV2	61247	87115	8.19%	0.471%
26	8.334	1042	1044	1051	rVB5	23115	37516	3.53%	0.203%
27	8.445	1052	1063	1067	rBV6	40991	107143	10.07%	0.580%
28	8.492	1068	1071	1073	rVV2	11406	12936	1.22%	0.070%
29	8.539	1074	1079	1084	rVV6	64400	105335	9.90%	0.570%
30	8.592	1084	1088	1090	rVV3	36515	48520	4.56%	0.263%
31	8.628	1090	1094	1097	rVV4	47403	73635	6.92%	0.398%
32	8.663	1097	1100	1107	rVV2	69744	115401	10.85%	0.624%
33	8.751	1111	1115	1119	rBV2	76064	101113	9.51%	0.547%
34	8.834	1125	1129	1133	rBV	250676	309949	29.14%	1.677%
35	8.998	1154	1157	1159	rBV3	20437	26244	2.47%	0.142%
36	9.069	1165	1169	1172	rBV2	71240	90577	8.52%	0.490%

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37	9.198	1187	1191	1195	rVB2	73648	108051	10.16%	0.585%
38	9.239	1195	1198	1199	rBV	44896	43708	4.11%	0.236%
39	9.263	1199	1202	1207	rVV3	98316	140262	13.19%	0.759%
40	9.316	1207	1211	1216	rVB	779861	938890	88.28%	5.080%
41	9.398	1221	1225	1230	rBV	436385	558624	52.52%	3.023%
42	9.469	1235	1237	1241	rVB	58570	71037	6.68%	0.384%
43	9.657	1262	1269	1271	rBV4	90738	190014	17.87%	1.028%
44	9.722	1275	1280	1287	rVV3	217826	467459	43.95%	2.529%
45	9.781	1287	1290	1293	rVB2	87492	101170	9.51%	0.547%
46	9.928	1311	1315	1320	rBV	537761	639099	60.09%	3.458%
47	10.004	1320	1328	1332	rBV	532745	738895	69.47%	3.998%
48	10.104	1343	1345	1349	rVB2	40584	43361	4.08%	0.235%
49	10.163	1351	1355	1357	rBV2	77759	117312	11.03%	0.635%
50	10.251	1366	1370	1374	rBV4	111278	155540	14.62%	0.842%
51	10.322	1379	1382	1385	rBV3	37545	54461	5.12%	0.295%
52	10.428	1395	1400	1404	rBV	603444	768038	72.21%	4.156%
53	10.651	1432	1438	1443	rBV	239824	403009	37.89%	2.181%
54	10.704	1444	1447	1450	rBV2	103038	128341	12.07%	0.694%
55	10.786	1455	1461	1466	rVB2	272752	411161	38.66%	2.225%
56	10.904	1476	1481	1491	rVB	626554	1063592	100.00%	5.755%
57	11.092	1510	1513	1516	rBV	60892	91254	8.58%	0.494%
58	11.351	1553	1557	1560	rBV	477817	604765	56.86%	3.272%
59	11.380	1560	1562	1568	rVB	197615	253697	23.85%	1.373%
60	11.492	1576	1581	1585	rBV	471954	639870	60.16%	3.462%
61	11.663	1607	1610	1613	rBV	38263	42588	4.00%	0.230%
62	11.775	1625	1629	1634	rBV	380218	467197	43.93%	2.528%
63	12.010	1665	1669	1672	rBV	86299	119188	11.21%	0.645%
64	12.186	1695	1699	1703	rVB	295941	363218	34.15%	1.965%
65	12.575	1761	1765	1769	rVB	220198	270604	25.44%	1.464%
66	12.945	1824	1828	1832	rVB2	169636	220882	20.77%	1.195%
67	13.069	1845	1849	1859	rBV	655250	884643	83.18%	4.787%
68	13.298	1885	1888	1896	rBV	91746	129157	12.14%	0.699%
69	14.133	2026	2030	2036	rBV	374466	506216	47.59%	2.739%
70	15.645	2284	2287	2296	rVB	204952	325766	30.63%	1.763%

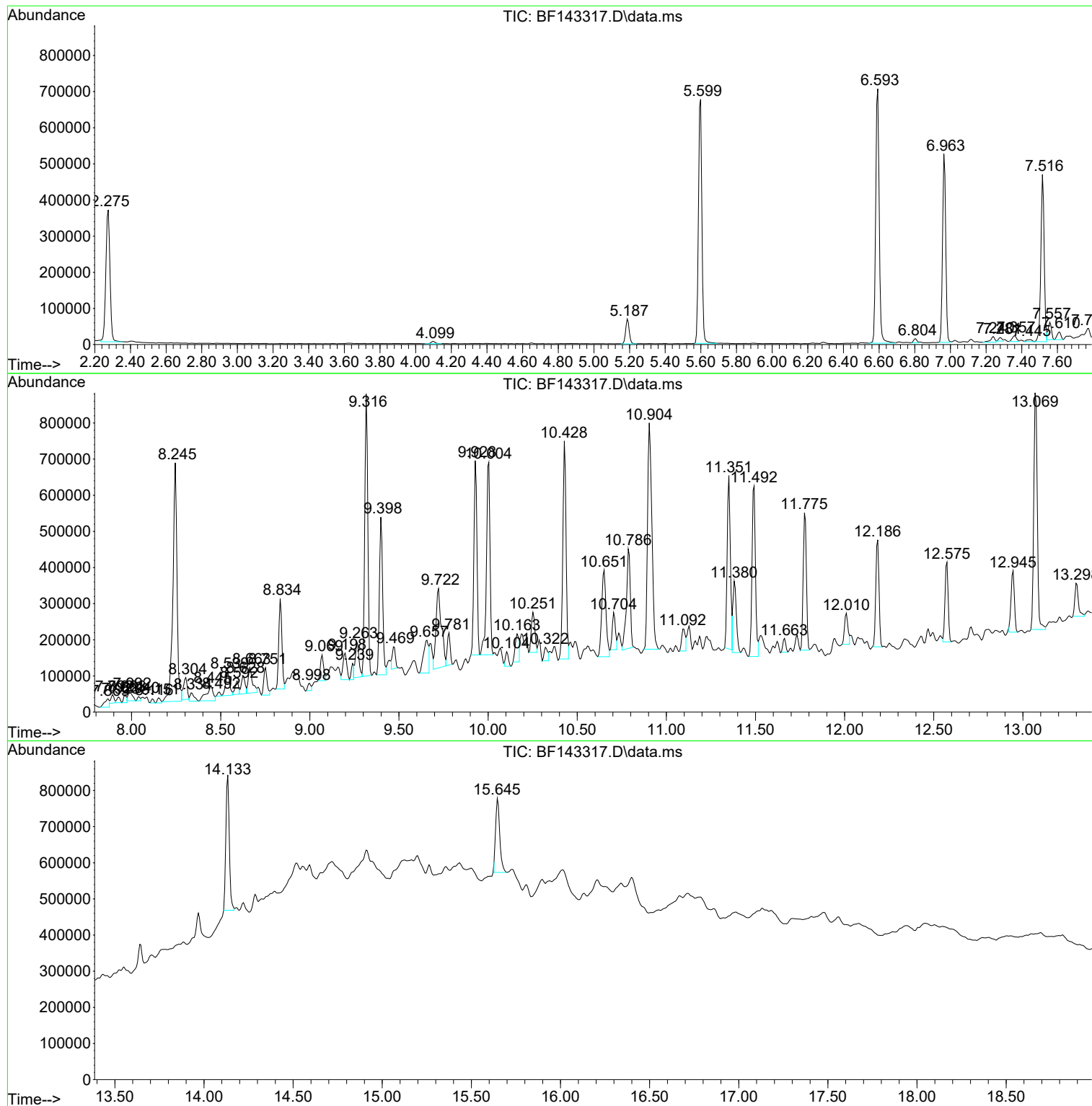
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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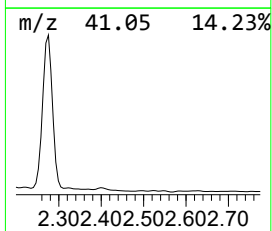
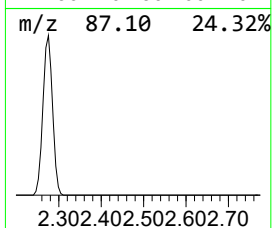
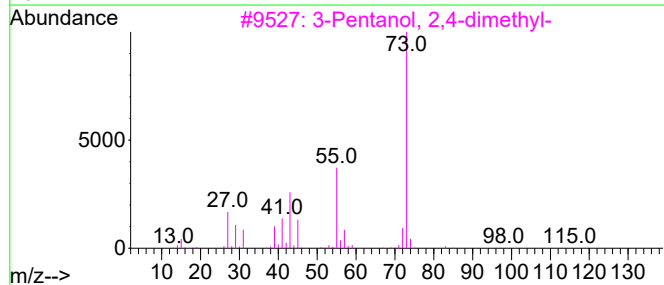
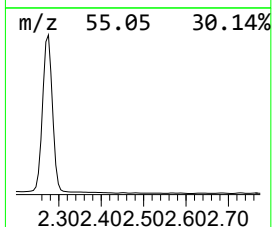
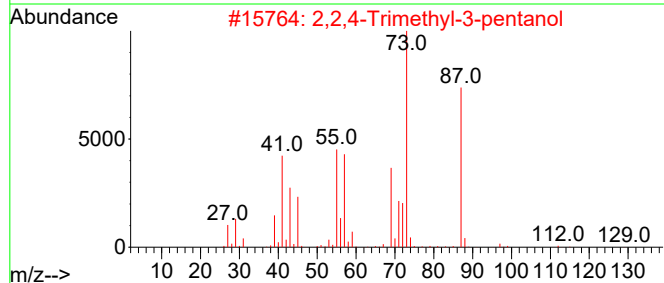
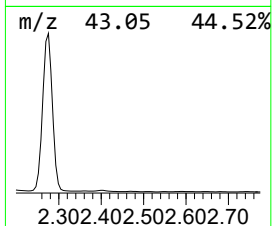
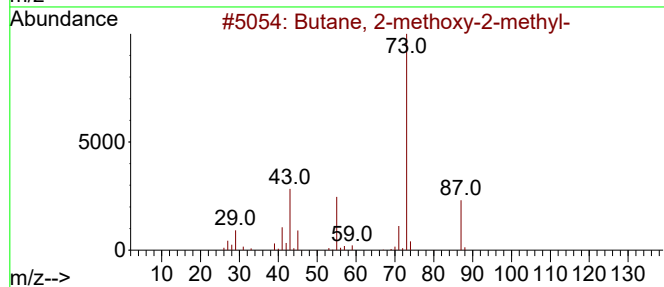
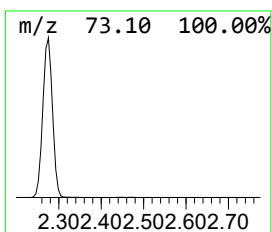
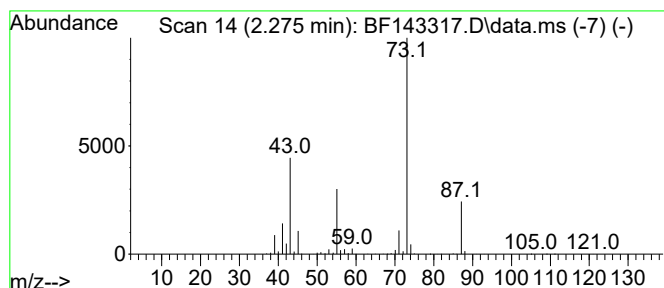
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.275	18.32 ng	593792	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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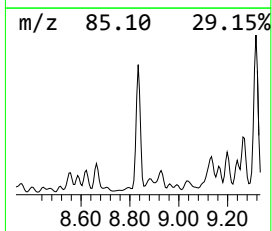
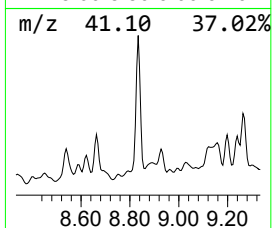
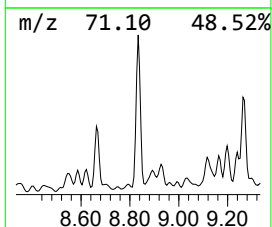
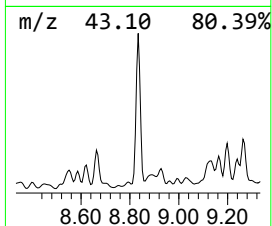
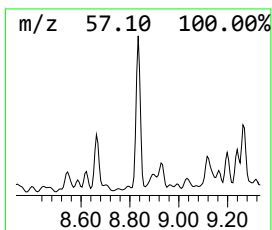
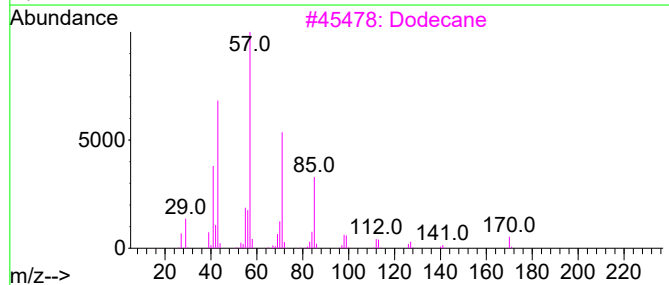
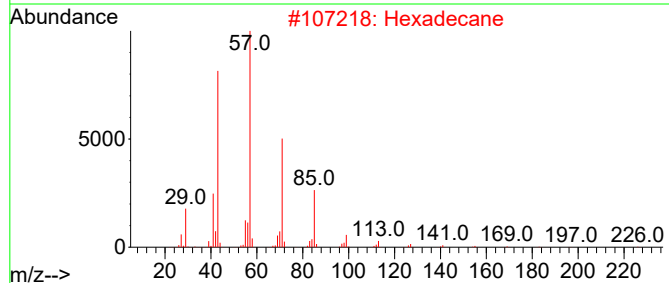
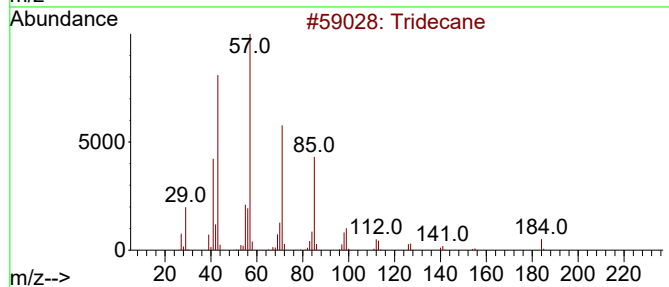
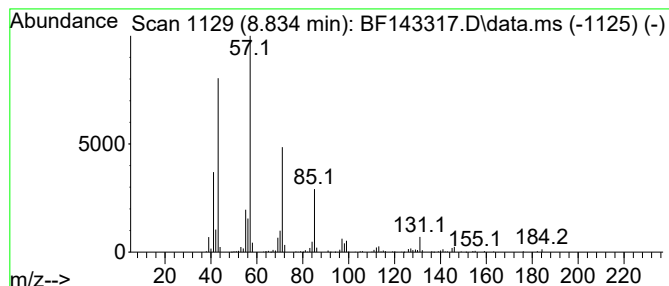
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.834	5.86 ng	309949	Naphthalene-d8	8.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane	226	C16H34	000544-76-3	87
3			Dodecane	170	C12H26	000112-40-3	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Undecane	156	C11H24	001120-21-4	72



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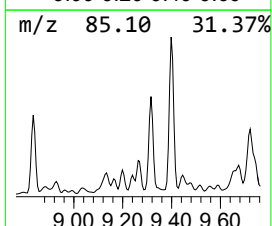
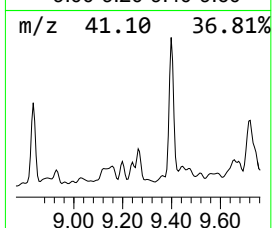
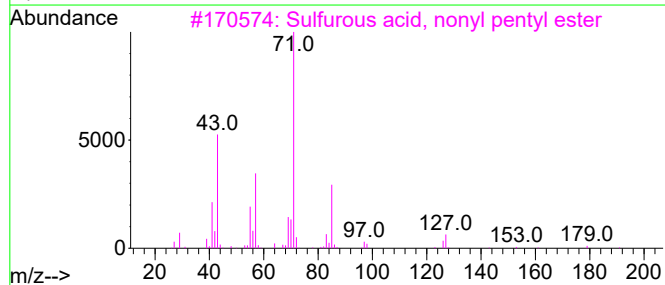
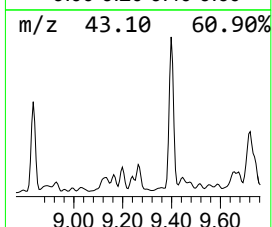
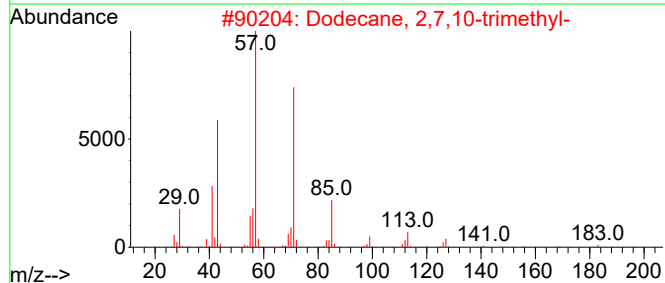
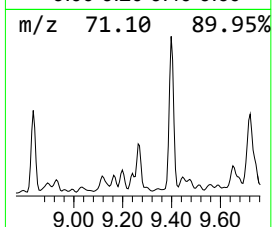
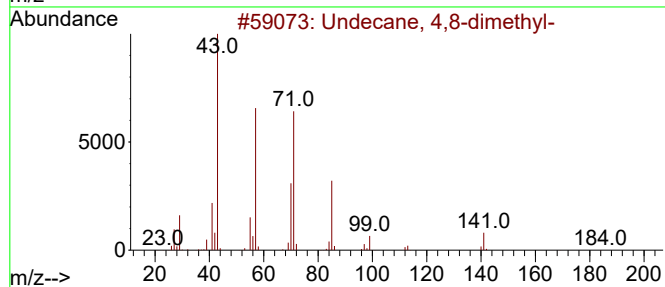
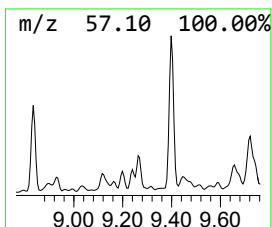
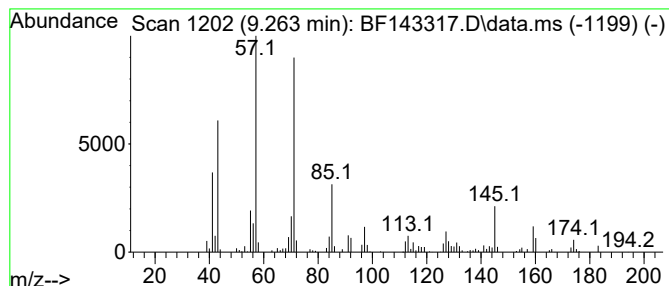
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 4,8-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	3.80 ng	140262	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	50
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
3			Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	47
4			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	43
5			Butyric acid, thio-, S-pentyl ester	174	C9H18OS	002432-53-3	38



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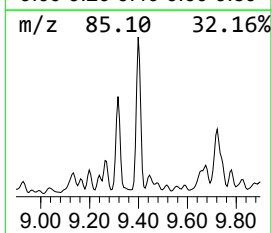
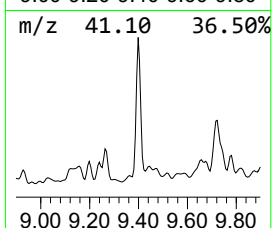
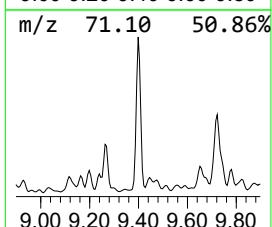
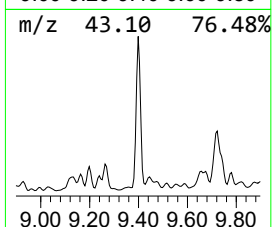
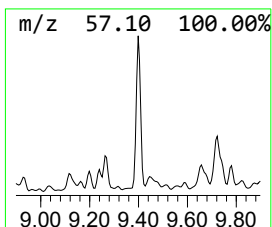
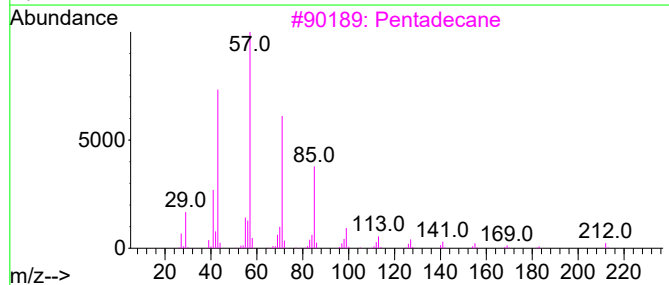
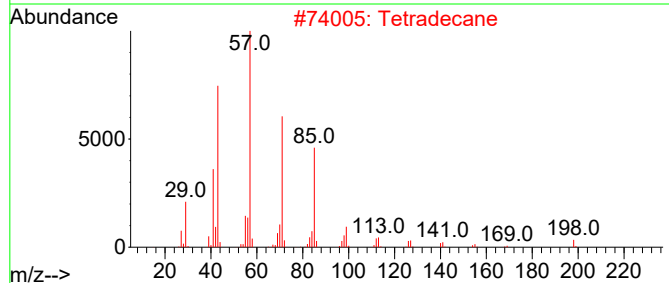
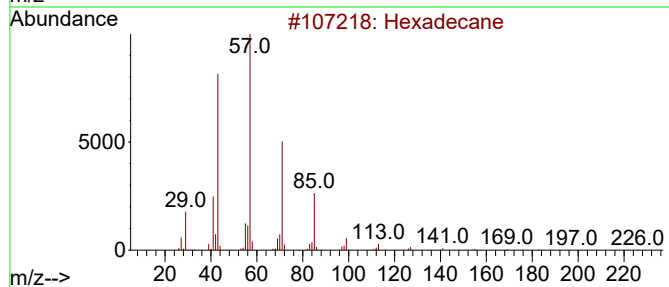
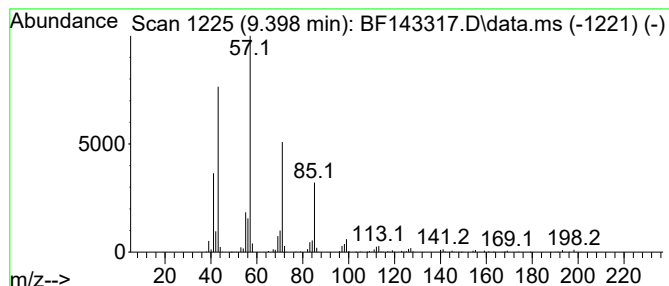
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	15.12 ng	558624	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Tridecane	184	C13H28	000629-50-5	86
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86



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Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
Operator : RC/JU
Sample : Q2760-01 2X
Misc :
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ClientSampleId :
NB-07-08042025

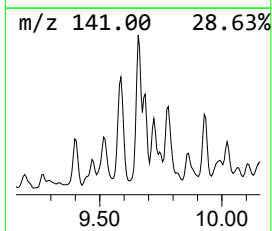
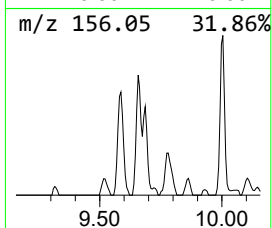
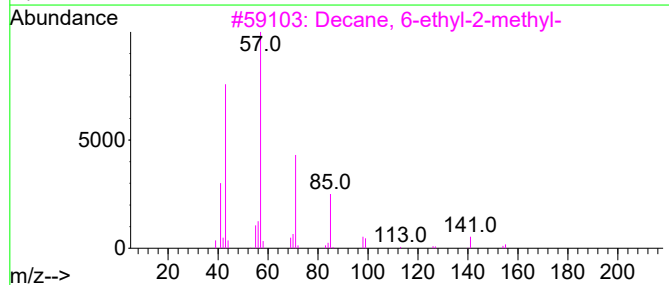
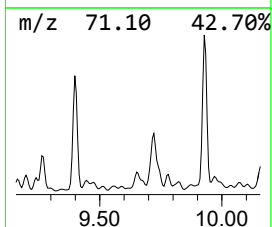
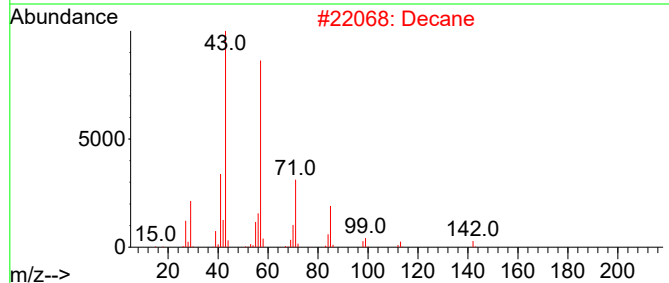
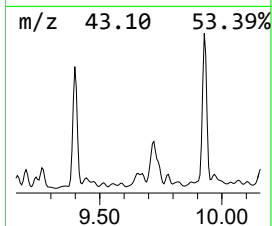
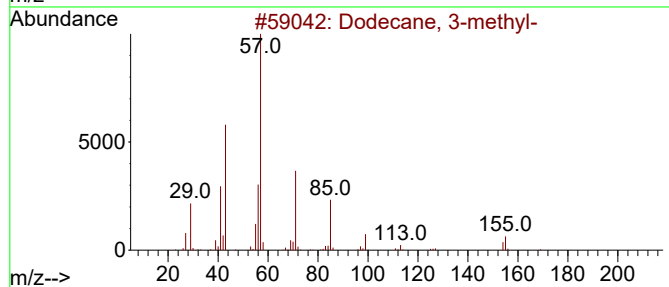
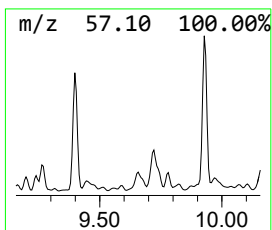
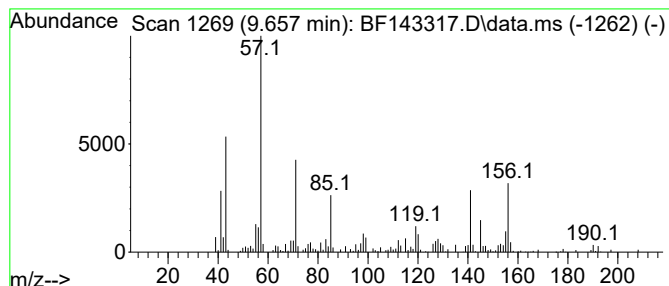
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.657 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	5.14 ng	190014	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	46
2			Decane	142	C10H22	000124-18-5	43
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
4			Octane, 2-methyl-	128	C9H20	003221-61-2	43
5			Undecane, 5-ethyl-	184	C13H28	017453-94-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
Operator : RC/JU
Sample : Q2760-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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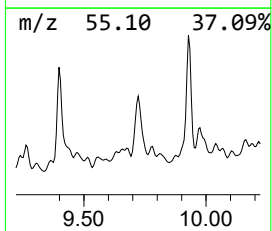
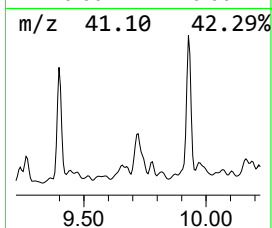
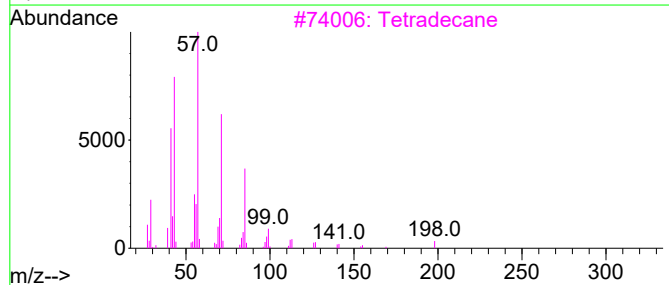
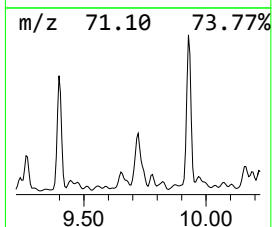
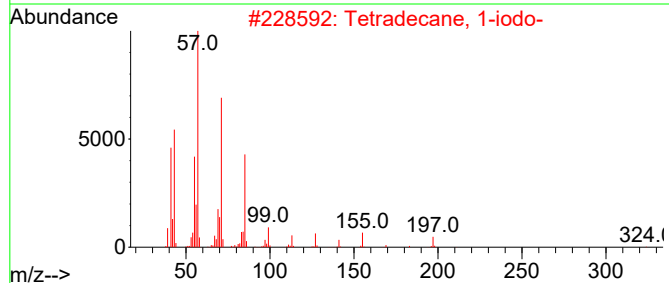
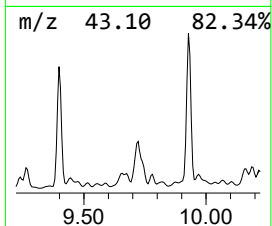
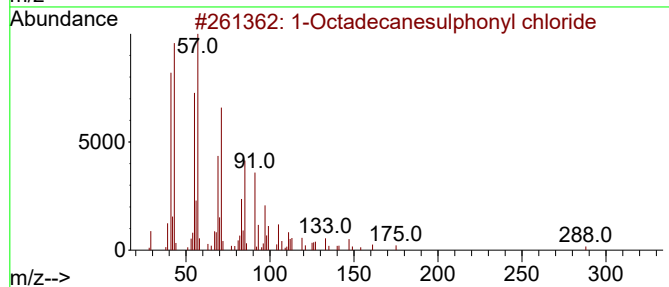
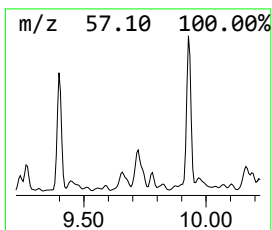
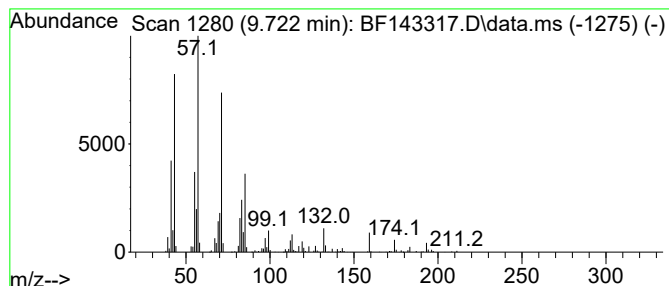
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Octadecanesulphonyl chloride Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.722	12.65 ng	467459	Acenaphthene-d10	10.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	74
3		Tetradecane	198	C14H30	000629-59-4	72
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
Operator : RC/JU
Sample : Q2760-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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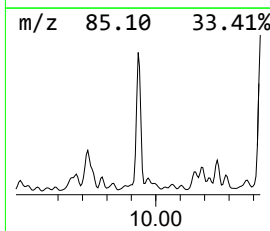
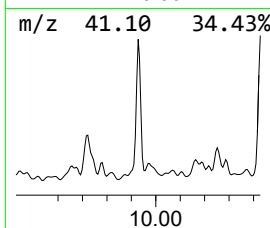
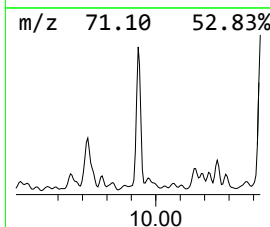
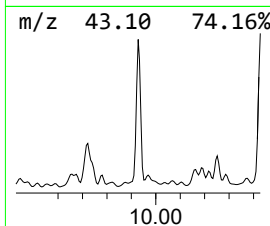
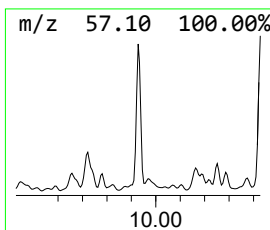
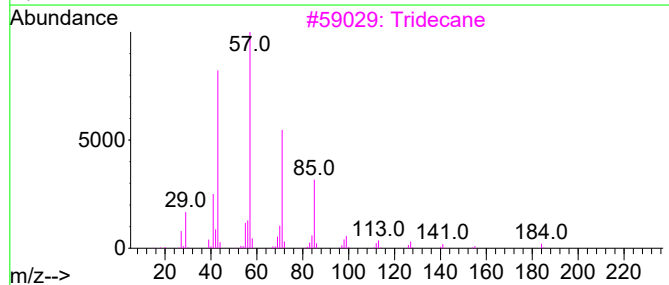
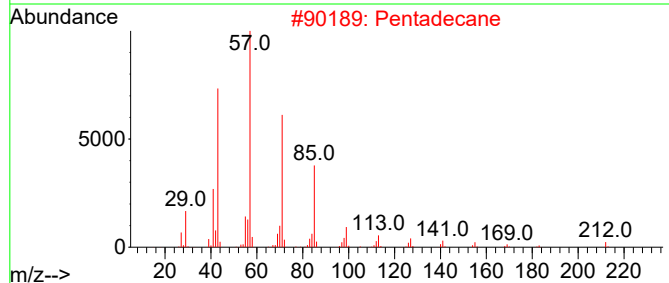
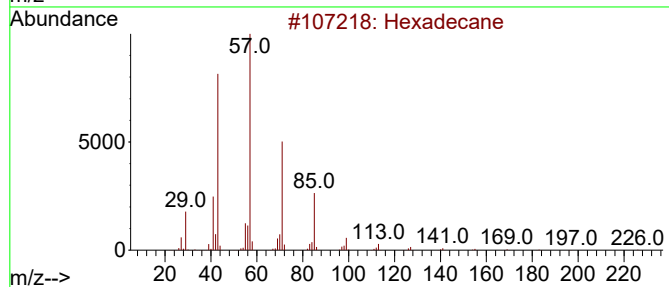
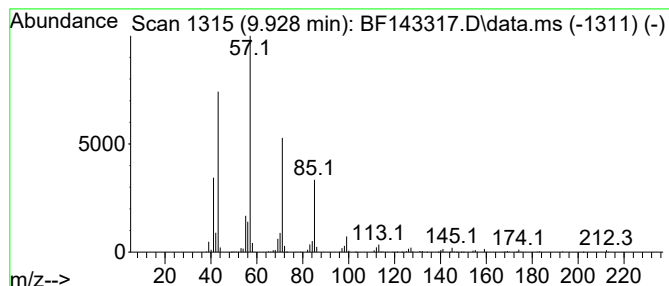
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.928	17.30 ng	639099	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
Operator : RC/JU
Sample : Q2760-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

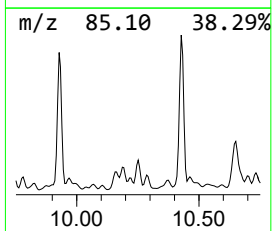
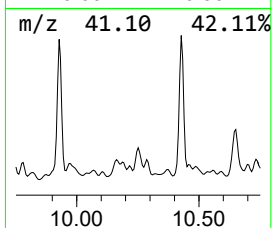
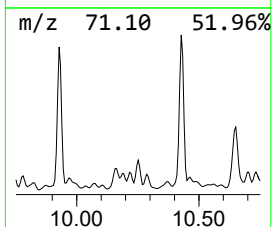
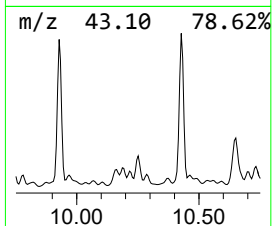
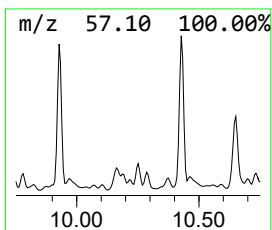
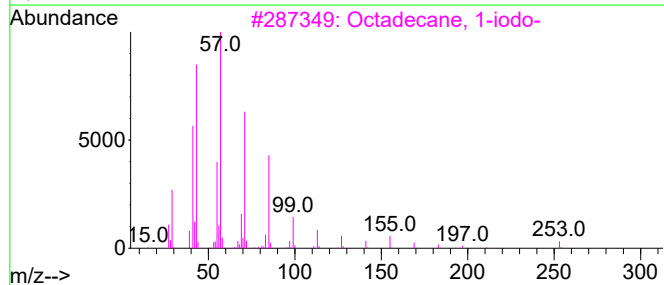
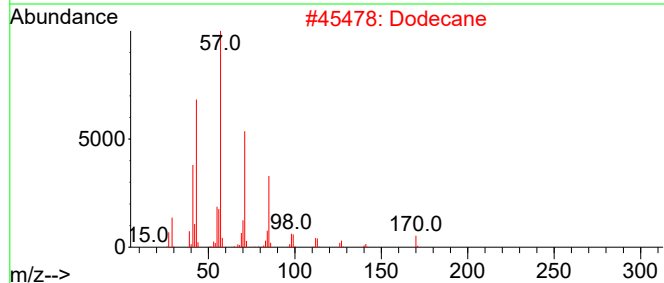
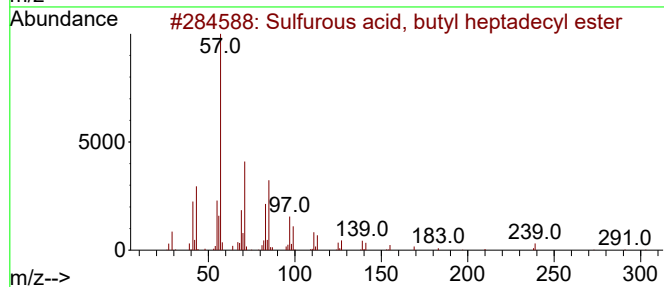
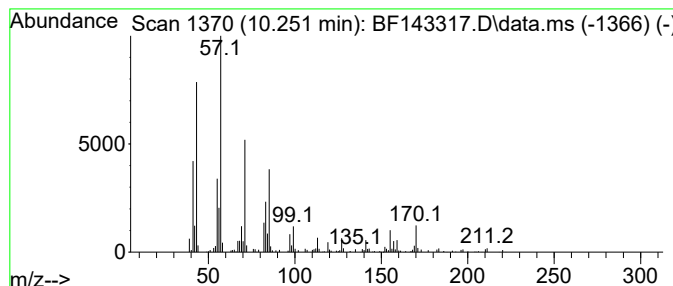
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, butyl hepta... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.251	4.21 ng	155540	Acenaphthene-d10	10.004	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	80
2	Dodecane	170	C12H26	000112-40-3	72
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	70
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	70
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
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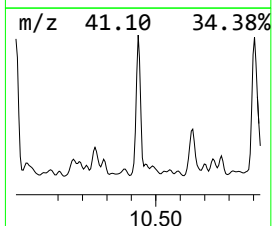
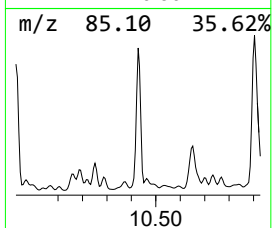
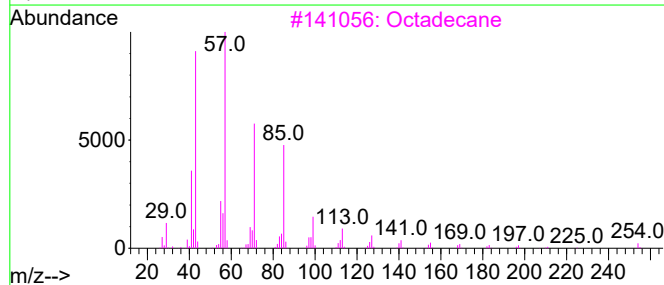
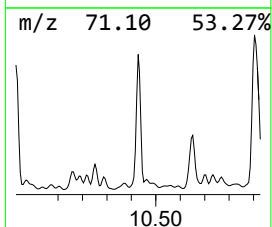
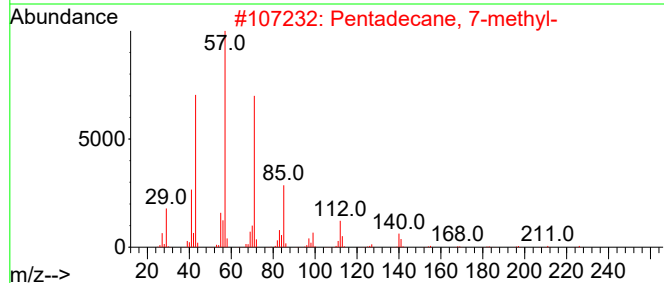
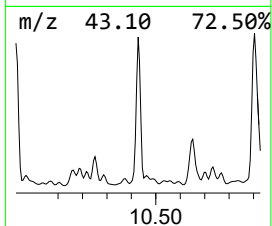
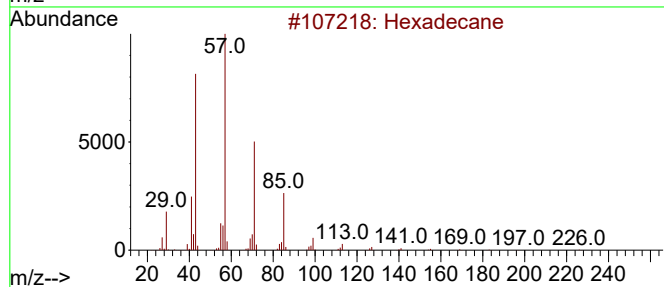
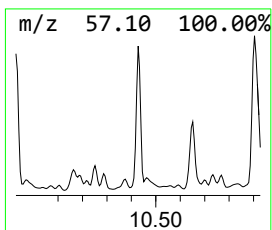
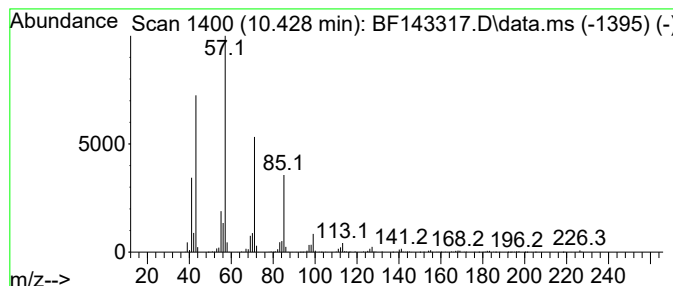
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	20.79 ng	768038	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3			Octadecane	254	C18H38	000593-45-3	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
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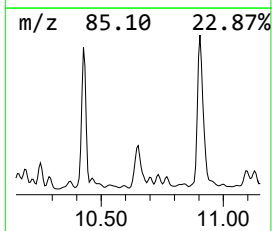
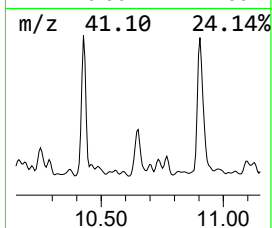
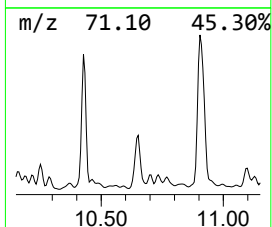
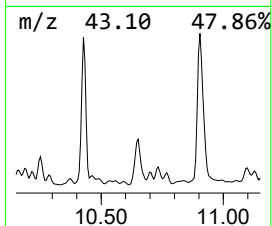
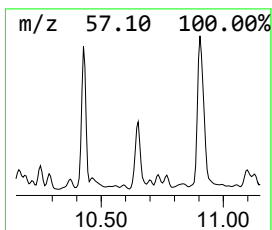
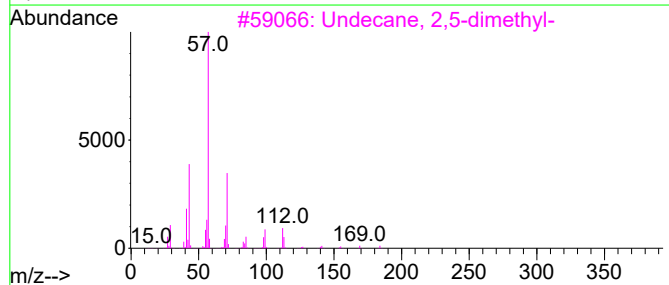
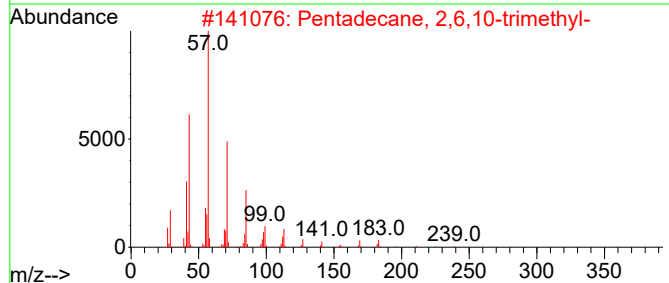
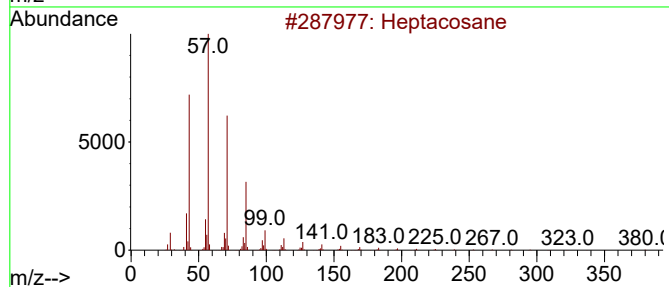
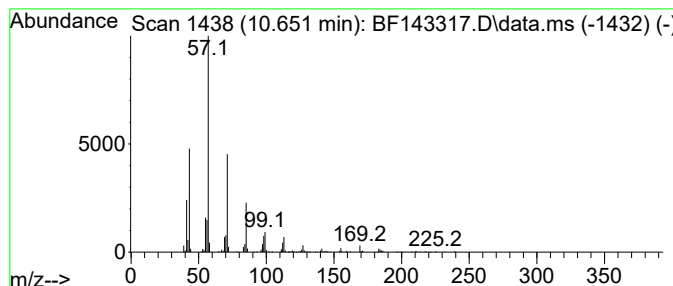
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.651	10.91 ng	403009	Acenaphthene-d10		10.004	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	86
2	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	86
3	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	76
4	Nonadecane		268	C19H40	000629-92-5	72
5	Tridecane		184	C13H28	000629-50-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
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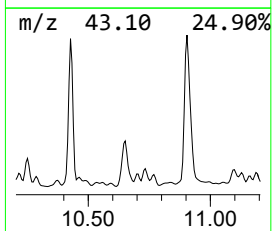
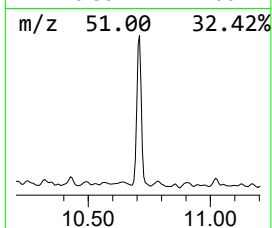
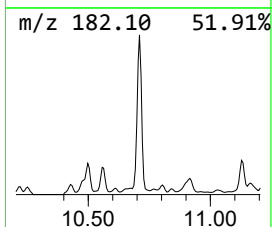
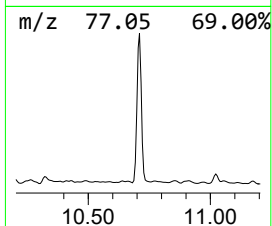
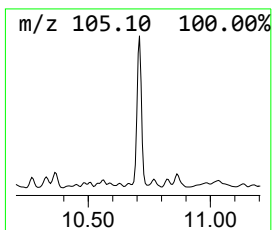
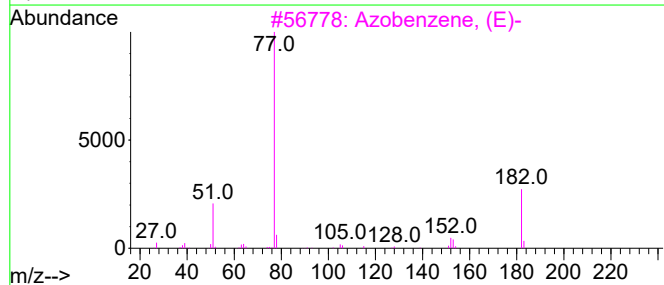
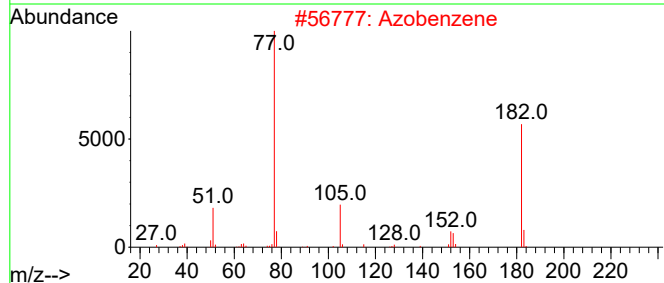
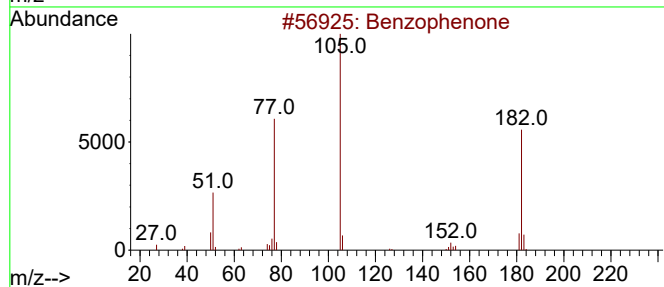
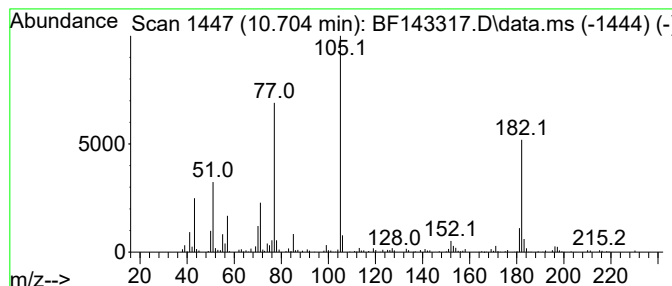
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	3.47 ng	128341	Acenaphthene-d10	10.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	52
3			Azobenzene, (E)-	182	C12H10N2	017082-12-1	50
4			Benzamide, N-(2-chloroacetyl)-	197	C9H8ClNO2	1000303-20-8	38
5			Benzamide, N-phenyl-	197	C13H11NO	000093-98-1	38



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Operator : RC/JU
Sample : Q2760-01 2X
Misc :
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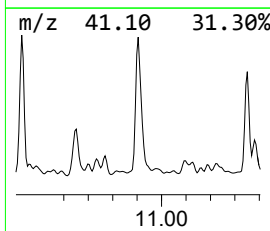
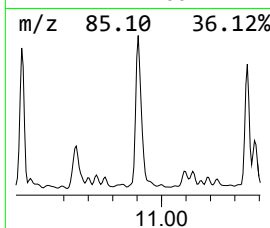
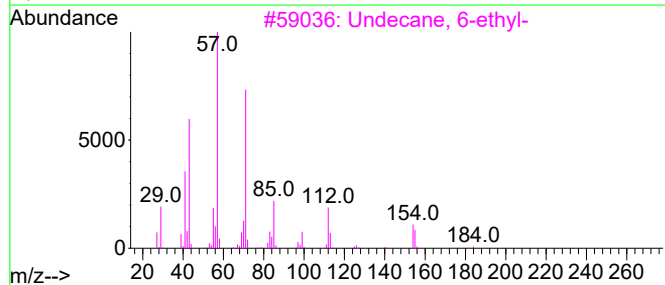
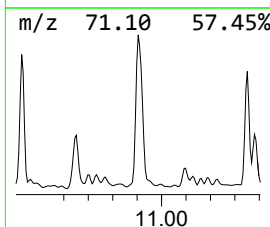
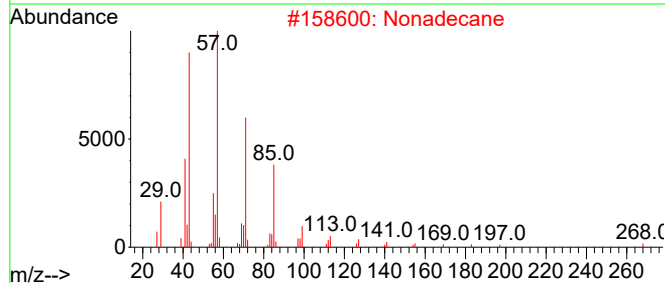
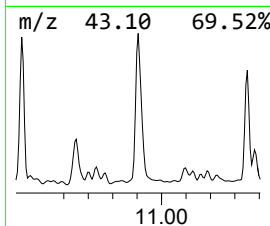
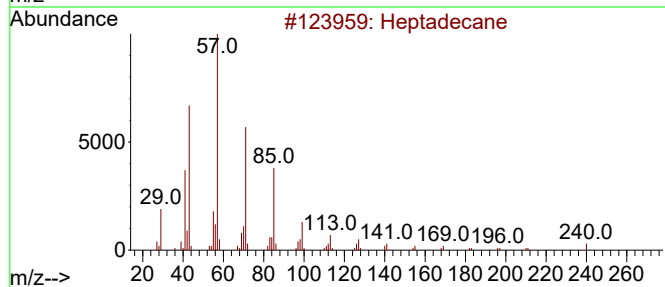
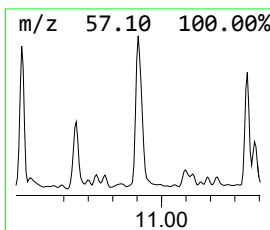
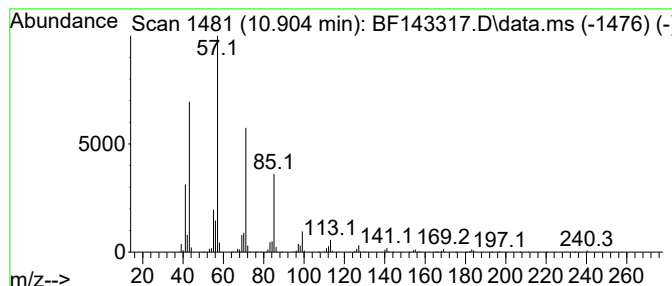
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.904	33.24 ng	1063590	Phenanthrene-d10		11.492	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Nonadecane		268	C19H40	000629-92-5	91
3	Undecane, 6-ethyl-		184	C13H28	017312-60-6	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
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Misc :
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Instrument :
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ClientSampleId :
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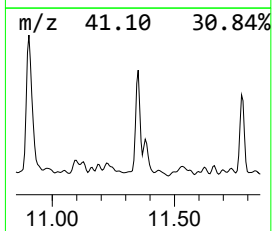
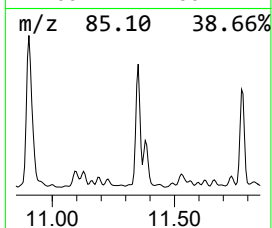
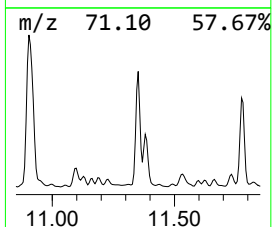
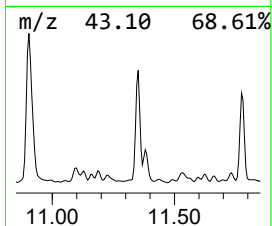
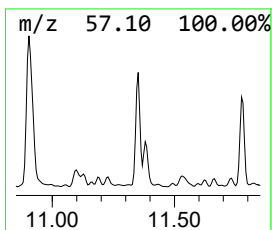
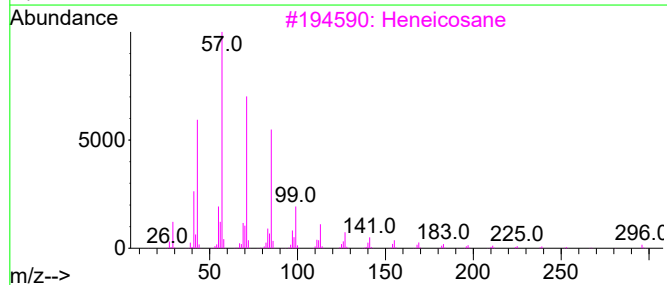
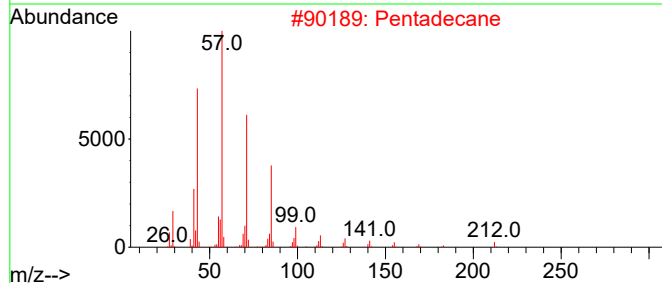
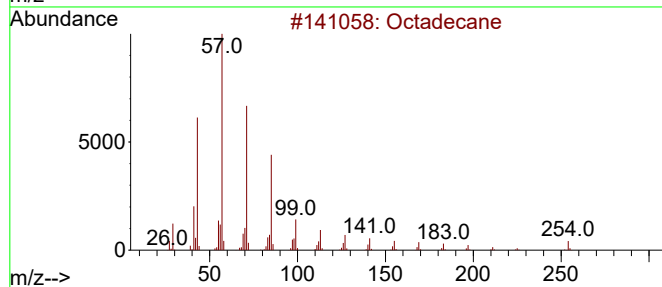
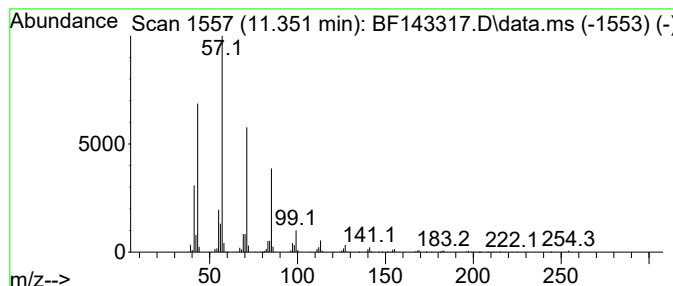
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.351	18.90 ng	604765	Phenanthrene-d10	11.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	97
2			Pentadecane	212	C15H32	000629-62-9	95
3			Heneicosane	296	C21H44	000629-94-7	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
Operator : RC/JU
Sample : Q2760-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-08042025

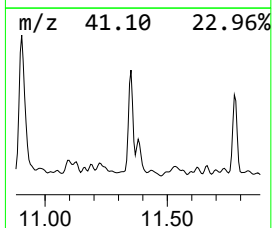
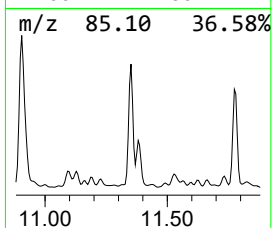
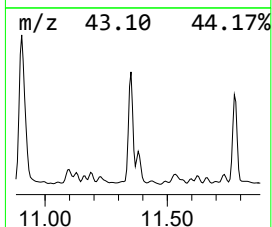
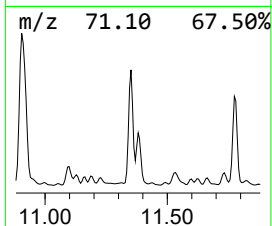
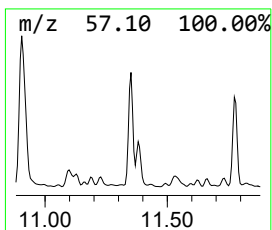
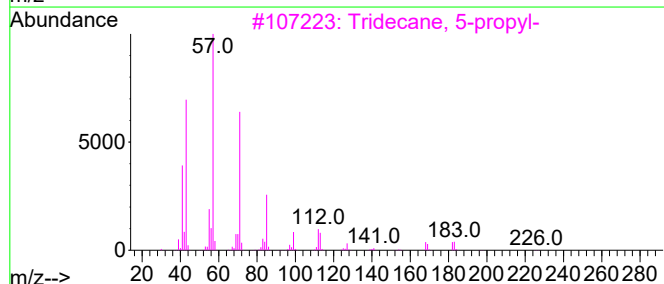
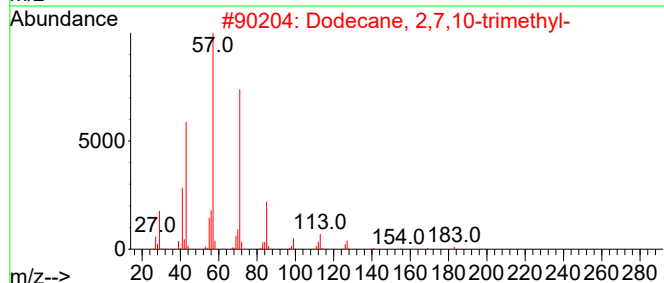
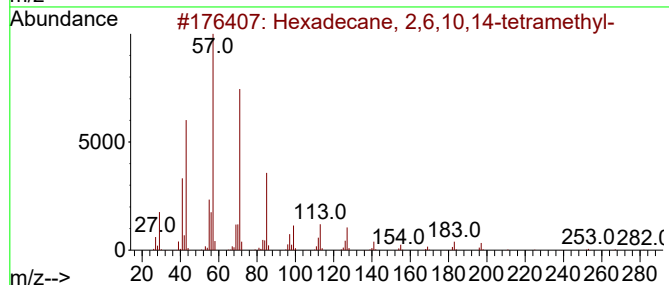
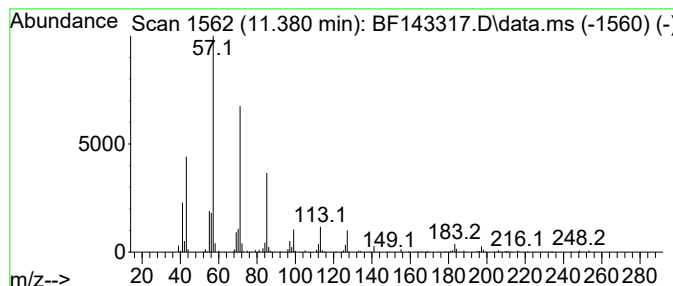
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 2,6,10,14-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.381	7.93 ng	253697	Phenanthrene-d10	11.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4		Heptacosane	380	C27H56	000593-49-7	72
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
Operator : RC/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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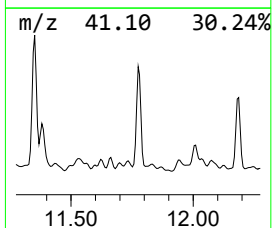
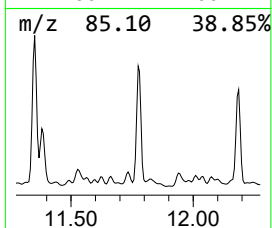
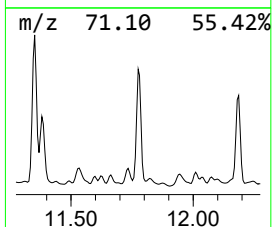
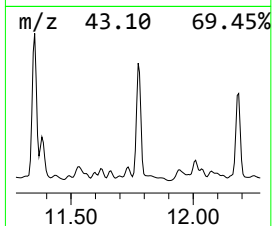
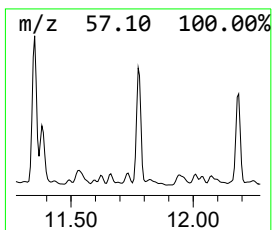
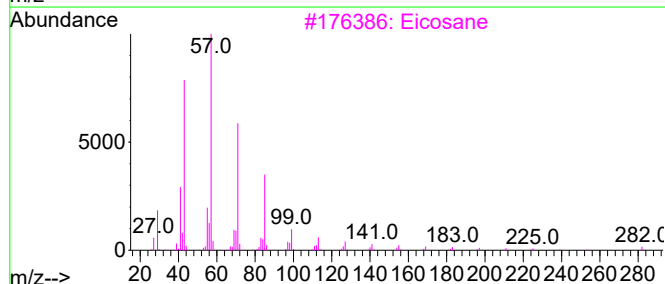
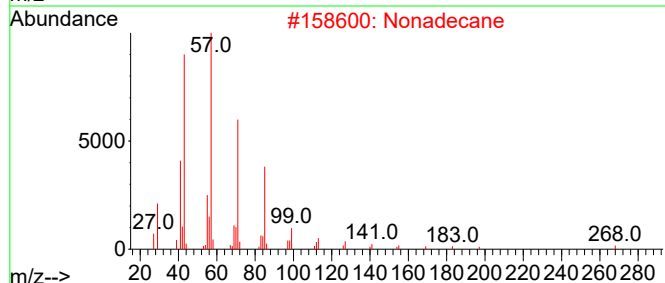
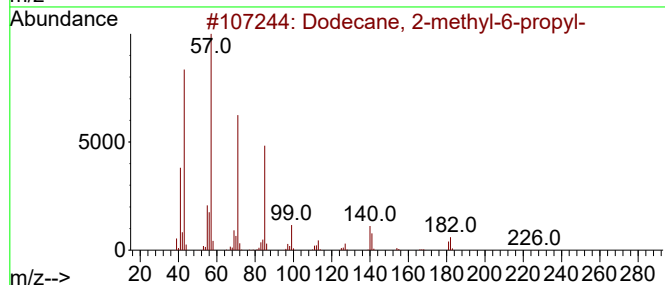
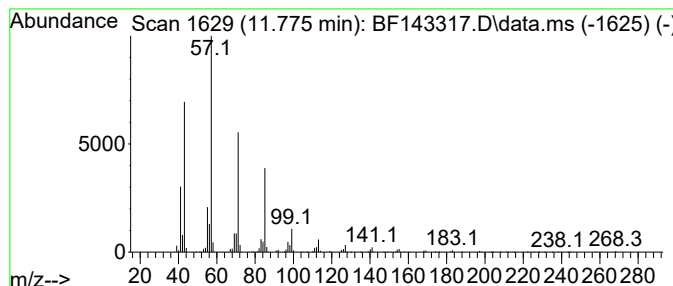
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	14.60 ng	467197	Phenanthrene-d10	11.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2		Nonadecane	268	C19H40	000629-92-5	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
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Sample : Q2760-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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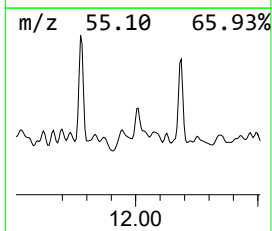
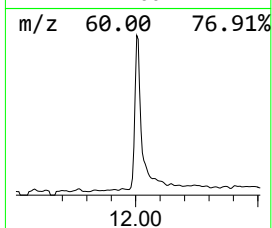
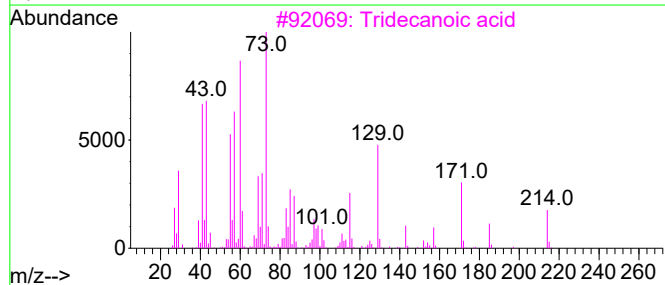
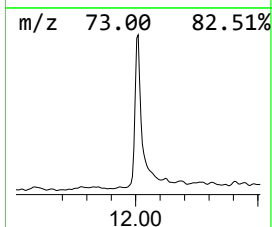
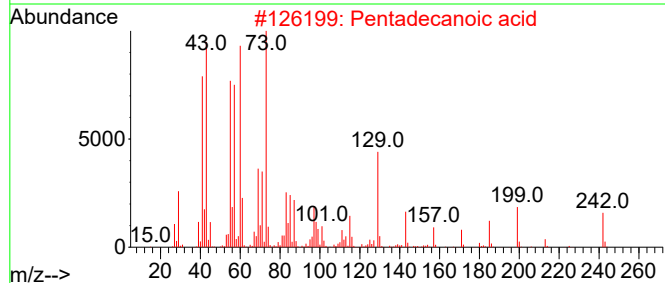
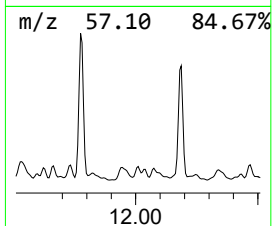
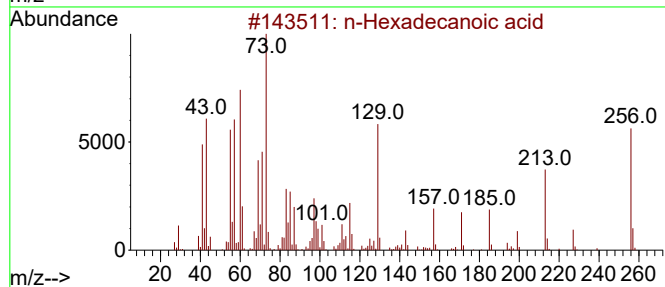
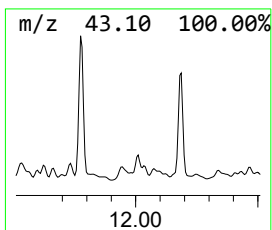
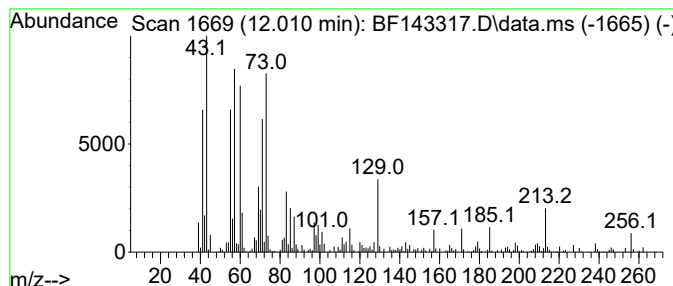
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	3.73 ng	119188	Phenanthrene-d10	11.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Tridecanoic acid	214	C13H26O2	000638-53-9	70
4		Dodecanoic acid	200	C12H24O2	000143-07-7	62
5		8-Methylnonanoic acid	172	C10H20O2	005963-14-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
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Misc :
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Instrument :
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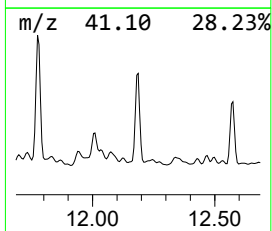
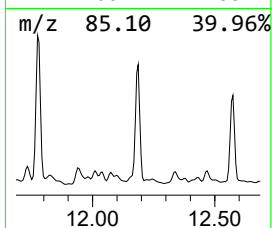
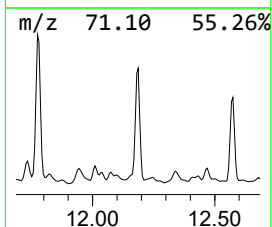
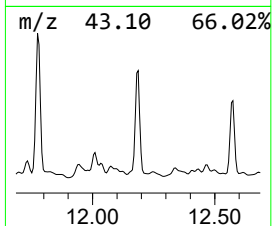
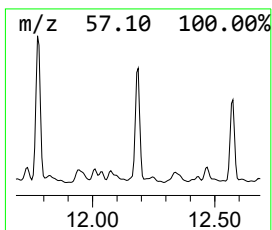
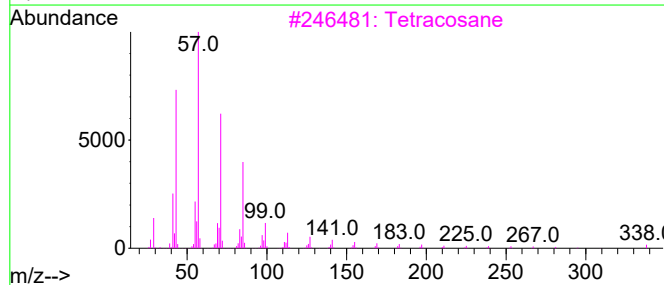
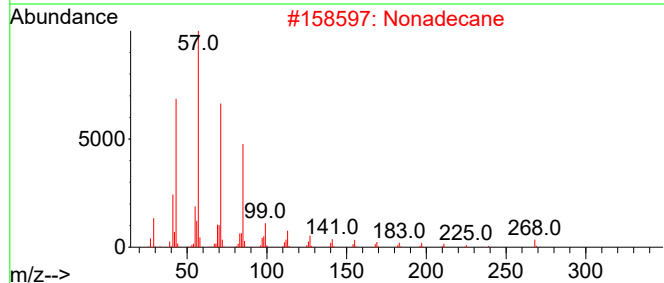
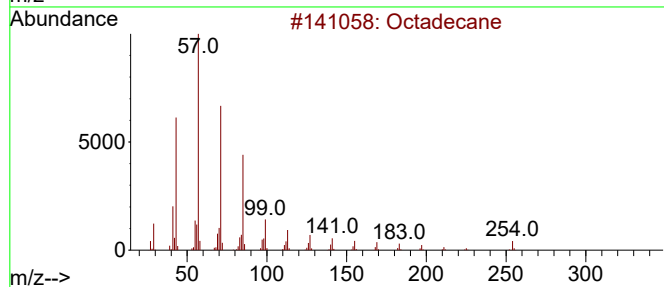
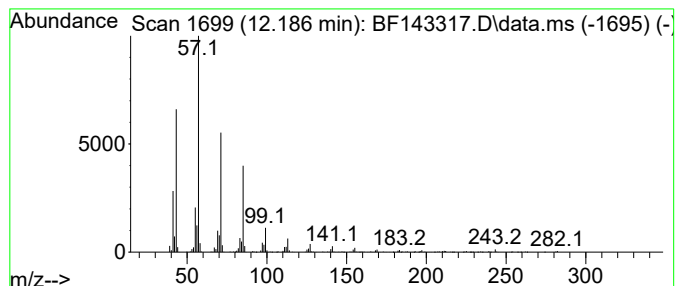
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	11.35 ng	363218	Phenanthrene-d10	11.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Nonadecane	268	C19H40	000629-92-5	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Heptacosane	380	C27H56	000593-49-7	90
5			Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
Operator : RC/JU
Sample : Q2760-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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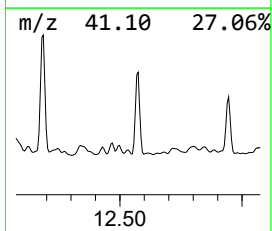
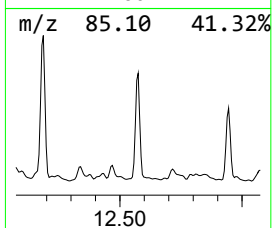
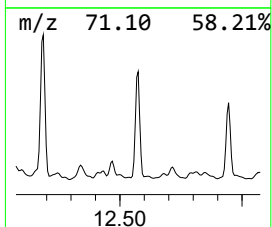
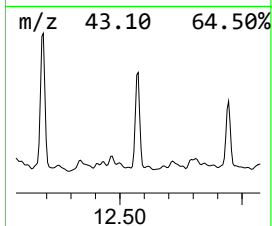
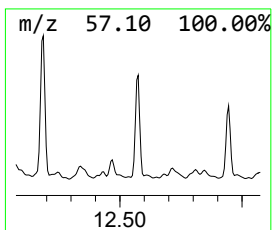
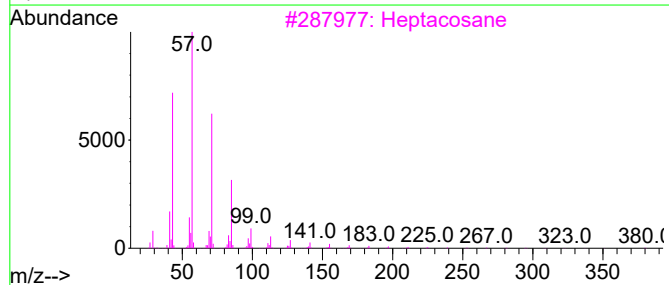
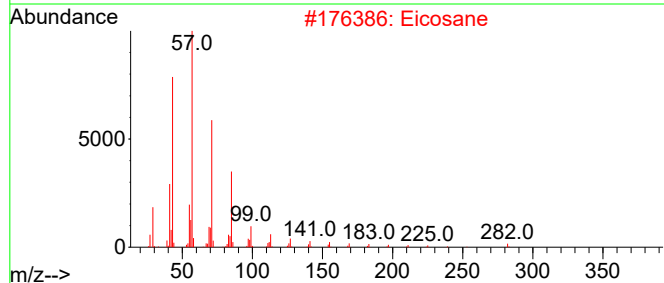
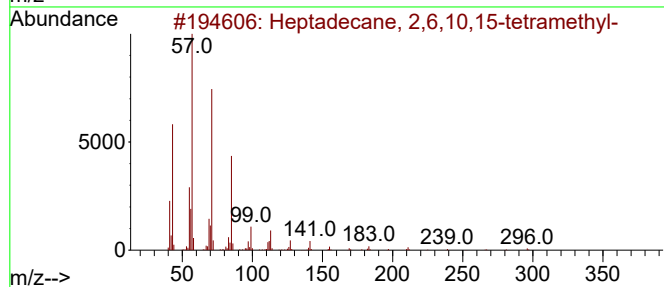
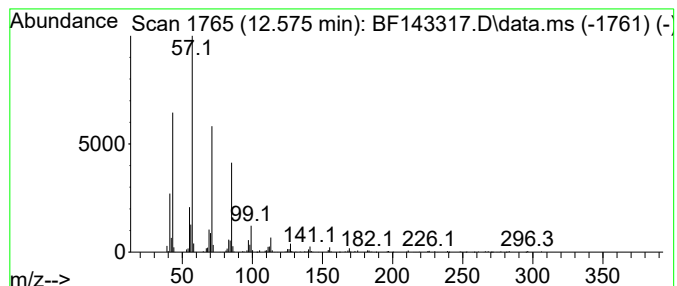
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.575	8.46 ng	270604	Phenanthrene-d10	11.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Heptacosane	380	C27H56	000593-49-7	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
Operator : RC/JU
Sample : Q2760-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-08042025

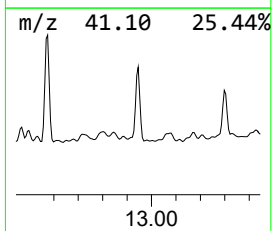
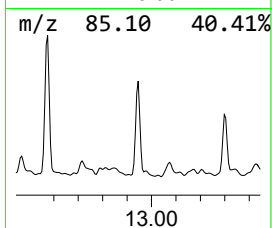
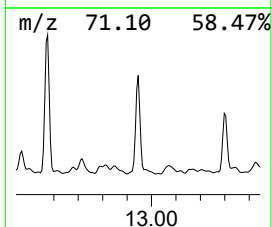
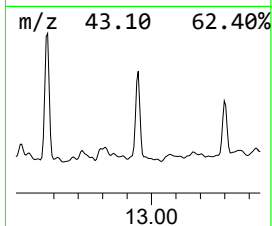
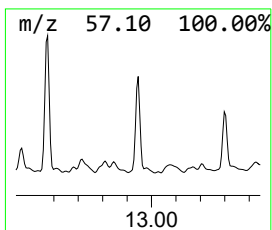
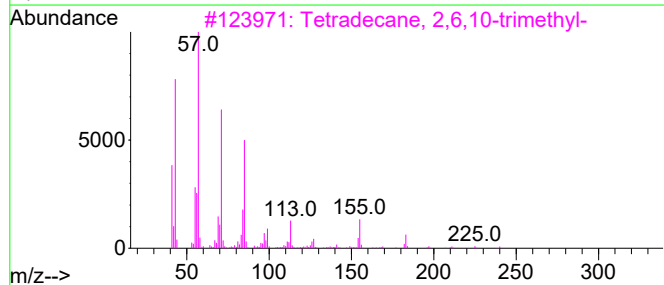
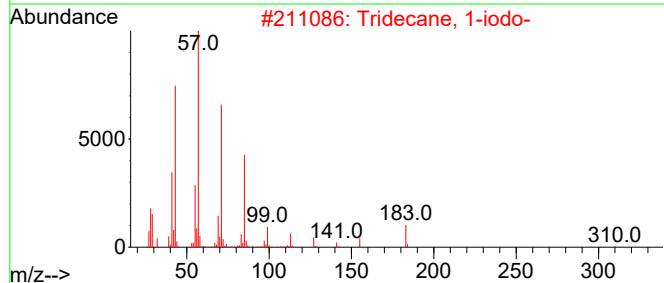
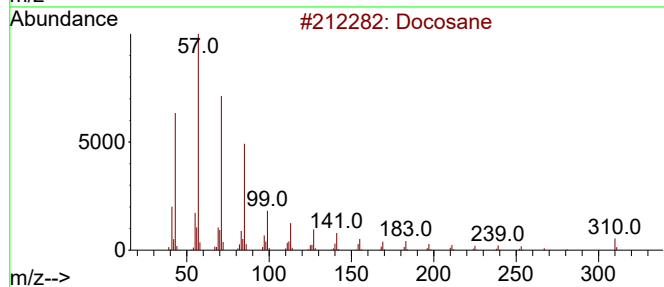
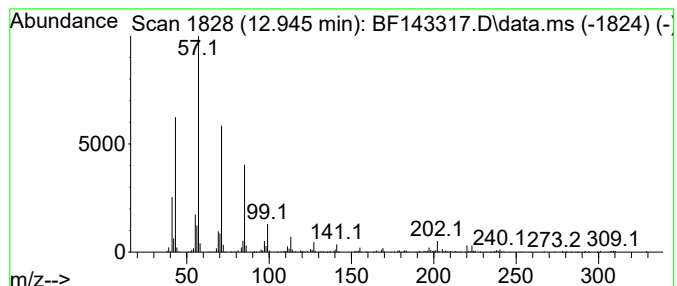
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.945	8.73 ng	220882	Chrysene-d12	14.133

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	94
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4			Heptacosane	380	C27H56	000593-49-7	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
Operator : RC/JU
Sample : Q2760-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

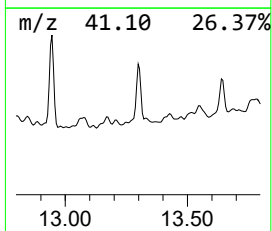
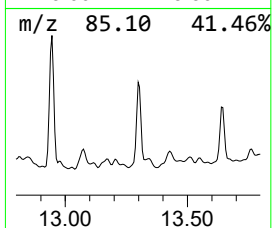
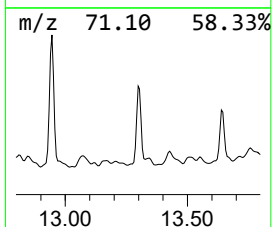
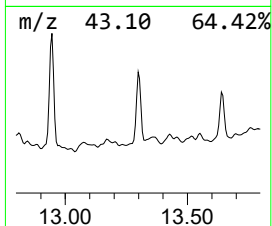
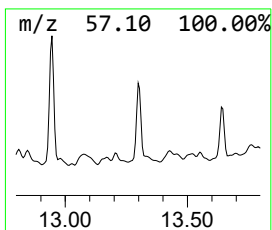
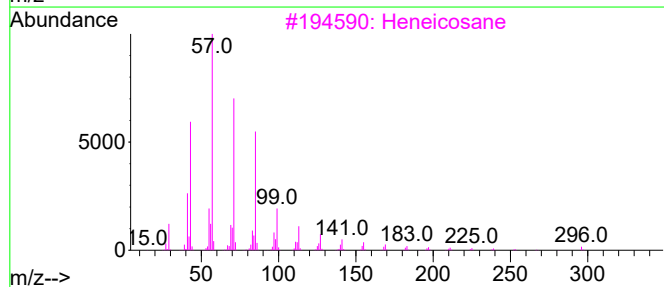
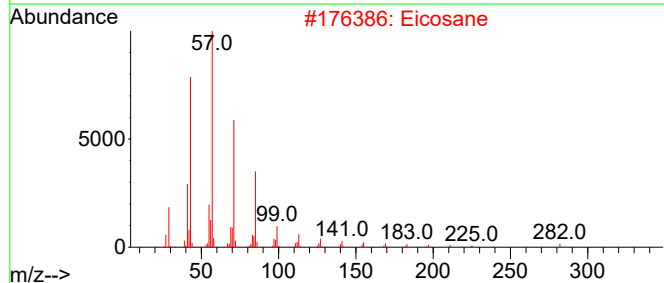
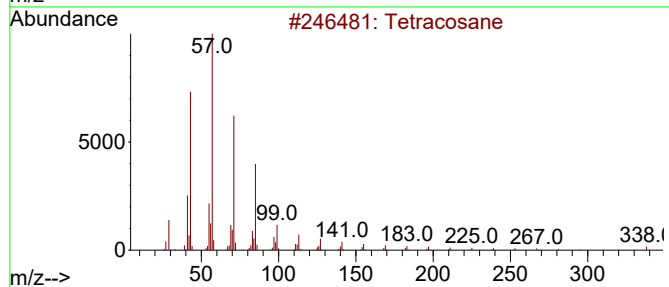
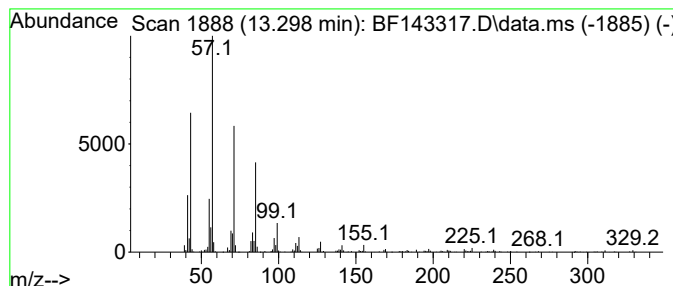
Instrument :
BNA_F
ClientSampleId :
NB-07-08042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.298	5.10 ng	129157	Chrysene-d12		14.133	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	91
2	Eicosane		282	C20H42	000112-95-8	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	87
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
Data File : BF143317.D
Acq On : 05 Aug 2025 15:55
Operator : RC/JU
Sample : Q2760-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-08042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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
Butane, 2-metho...	2.275	18.3	ng	593792	1	6.963	648405	20.0
Tridecane	8.834	5.9	ng	309949	2	8.245	1057810	20.0
Undecane, 4,8-d...	9.263	3.8	ng	140262	3	10.004	738895	20.0
Hexadecane	9.398	15.1	ng	558624	3	10.004	738895	20.0
unknown9.657	9.657	5.1	ng	190014	3	10.004	738895	20.0
1-Octadecanesul...	9.722	12.7	ng	467459	3	10.004	738895	20.0
Pentadecane	9.928	17.3	ng	639099	3	10.004	738895	20.0
Sulfurous acid,...	10.251	4.2	ng	155540	3	10.004	738895	20.0
Pentadecane, 7-...	10.428	20.8	ng	768038	3	10.004	738895	20.0
Heptacosane	10.651	10.9	ng	403009	3	10.004	738895	20.0
Benzophenone	10.704	3.5	ng	128341	3	10.004	738895	20.0
Heptadecane	10.904	33.2	ng	1063590	4	11.492	639870	20.0
Octadecane	11.351	18.9	ng	604765	4	11.492	639870	20.0
Hexadecane, 2,6...	11.381	7.9	ng	253697	4	11.492	639870	20.0
Dodecane, 2-met...	11.775	14.6	ng	467197	4	11.492	639870	20.0
n-Hexadecanoic ...	12.010	3.7	ng	119188	4	11.492	639870	20.0
Nonadecane	12.186	11.4	ng	363218	4	11.492	639870	20.0
Eicosane	12.575	8.5	ng	270604	4	11.492	639870	20.0
Docosane	12.945	8.7	ng	220882	5	14.133	506216	20.0
Tetracosane	13.298	5.1	ng	129157	5	14.133	506216	20.0