

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143023.D
 Acq On : 07 Jul 2025 22:22
 Operator : RC/JU
 Sample : Q2513-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-070325

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143023.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	557	561	572	rVB	46059	69331	8.17%	0.730%
2	6.398	712	715	722	rBV3	5944	10512	1.24%	0.111%
3	6.510	730	734	747	rVB	45388	74265	8.75%	0.782%
4	6.704	763	767	774	rBV4	9755	15216	1.79%	0.160%
5	6.875	786	796	802	rBV	239521	304314	35.84%	3.202%
6	6.981	808	814	817	rBV4	4318	8741	1.03%	0.092%
7	7.016	817	820	823	rVB2	7173	8582	1.01%	0.090%
8	7.145	835	842	845	rBV5	12353	20744	2.44%	0.218%
9	7.269	857	863	866	rBV4	17929	31249	3.68%	0.329%
10	7.404	880	886	889	rBV	24246	39548	4.66%	0.416%
11	7.439	889	892	894	rVV	32761	43961	5.18%	0.463%
12	7.463	894	896	900	rVB	25501	30394	3.58%	0.320%
13	7.516	900	905	909	rBV5	20380	31886	3.76%	0.336%
14	7.575	909	915	919	rBV6	10799	30283	3.57%	0.319%
15	7.645	924	927	929	rBV3	9451	10713	1.26%	0.113%
16	7.681	929	933	941	rVB4	39201	60885	7.17%	0.641%
17	7.775	941	949	950	rBV4	22255	42199	4.97%	0.444%
18	7.798	950	953	957	rVB2	20665	26328	3.10%	0.277%
19	7.839	957	960	962	rVB3	10433	11261	1.33%	0.119%
20	7.869	962	965	967	rBV3	11731	11824	1.39%	0.124%
21	7.898	967	970	976	rBV5	18292	23083	2.72%	0.243%
22	7.975	980	983	985	rVB3	10469	9503	1.12%	0.100%
23	8.028	989	992	995	rBV2	16273	17758	2.09%	0.187%
24	8.063	995	998	1001	rBV2	16441	18567	2.19%	0.195%
25	8.157	1001	1014	1020	rBV	286731	580940	68.43%	6.114%
26	8.210	1020	1023	1026	rVB2	67413	81151	9.56%	0.854%
27	8.245	1026	1029	1036	rVB5	29623	44791	5.28%	0.471%
28	8.328	1036	1043	1045	rBV4	25383	53351	6.28%	0.561%
29	8.357	1045	1048	1051	rVB2	37666	42359	4.99%	0.446%
30	8.404	1053	1056	1059	rBV3	13552	17615	2.07%	0.185%
31	8.445	1059	1063	1068	rBV5	60976	92526	10.90%	0.974%
32	8.504	1070	1073	1075	rVB3	15381	15268	1.80%	0.161%
33	8.539	1075	1079	1082	rBV4	27638	35572	4.19%	0.374%
34	8.575	1082	1085	1088	rBV	66827	80450	9.48%	0.847%
35	8.663	1096	1100	1103	rBV	61971	80226	9.45%	0.844%
36	8.745	1110	1114	1118	rBV	120058	153285	18.05%	1.613%

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Peak Location: TOP

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Peak separation: 5

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37	8.786	1118	1121	1123	rBV3	20756	27670	3.26%	0.291%
38	8.910	1139	1142	1144	rBV3	19954	26848	3.16%	0.283%
39	8.981	1151	1154	1158	rBV3	89318	108622	12.79%	1.143%
40	9.104	1172	1175	1180	rBV4	56397	94062	11.08%	0.990%
41	9.175	1184	1187	1194	rVV3	112078	153733	18.11%	1.618%
42	9.233	1194	1197	1201	rVV	62893	75481	8.89%	0.794%
43	9.310	1206	1210	1214	rBV	244648	314653	37.06%	3.311%
44	9.386	1220	1223	1226	rVB	68837	76021	8.95%	0.800%
45	9.557	1247	1252	1255	rBV6	56795	123919	14.60%	1.304%
46	9.628	1260	1264	1268	rVV3	214251	353279	41.61%	3.718%
47	9.692	1272	1275	1279	rVB4	71771	90409	10.65%	0.951%
48	9.781	1287	1290	1293	rBV5	34770	56466	6.65%	0.594%
49	9.839	1296	1300	1304	rVB	243864	321399	37.86%	3.382%
50	9.916	1309	1313	1317	rVB	242282	320938	37.80%	3.377%
51	10.016	1328	1330	1334	rVB2	35423	40465	4.77%	0.426%
52	10.075	1336	1340	1342	rBV2	55069	87279	10.28%	0.918%
53	10.163	1352	1355	1359	rBV3	90183	122994	14.49%	1.294%
54	10.233	1364	1367	1373	rBV5	50333	123130	14.50%	1.296%
55	10.339	1380	1385	1389	rBV	320126	429489	50.59%	4.520%
56	10.563	1418	1423	1428	rVB	195991	308846	36.38%	3.250%
57	10.610	1429	1431	1434	rBV4	31461	35545	4.19%	0.374%
58	10.822	1462	1467	1475	rVB	478996	849011	100.00%	8.935%
59	11.010	1496	1499	1501	rBV	35989	47867	5.64%	0.504%
60	11.263	1538	1542	1545	rBV	325338	427856	50.39%	4.503%
61	11.292	1545	1547	1554	rVB	204031	267800	31.54%	2.818%
62	11.410	1563	1567	1571	rBV	278529	378446	44.57%	3.983%
63	11.645	1604	1607	1611	rVV2	48097	60543	7.13%	0.637%
64	11.692	1611	1615	1619	rVB	304221	365323	43.03%	3.845%
65	12.098	1680	1684	1689	rVB	257273	301091	35.46%	3.169%
66	12.486	1746	1750	1754	rVB	204903	249482	29.39%	2.625%
67	12.627	1771	1774	1779	rBV	30872	38373	4.52%	0.404%
68	12.857	1809	1813	1819	rVB	159175	207195	24.40%	2.180%
69	12.992	1832	1836	1845	rVB	88025	138577	16.32%	1.458%
70	13.216	1870	1874	1878	rBV	92304	114252	13.46%	1.202%
71	13.557	1929	1932	1937	rVB	60739	76279	8.98%	0.803%
72	14.057	2013	2017	2024	rVB	198159	251677	29.64%	2.649%
73	15.557	2267	2272	2278	rVB	134712	208777	24.59%	2.197%

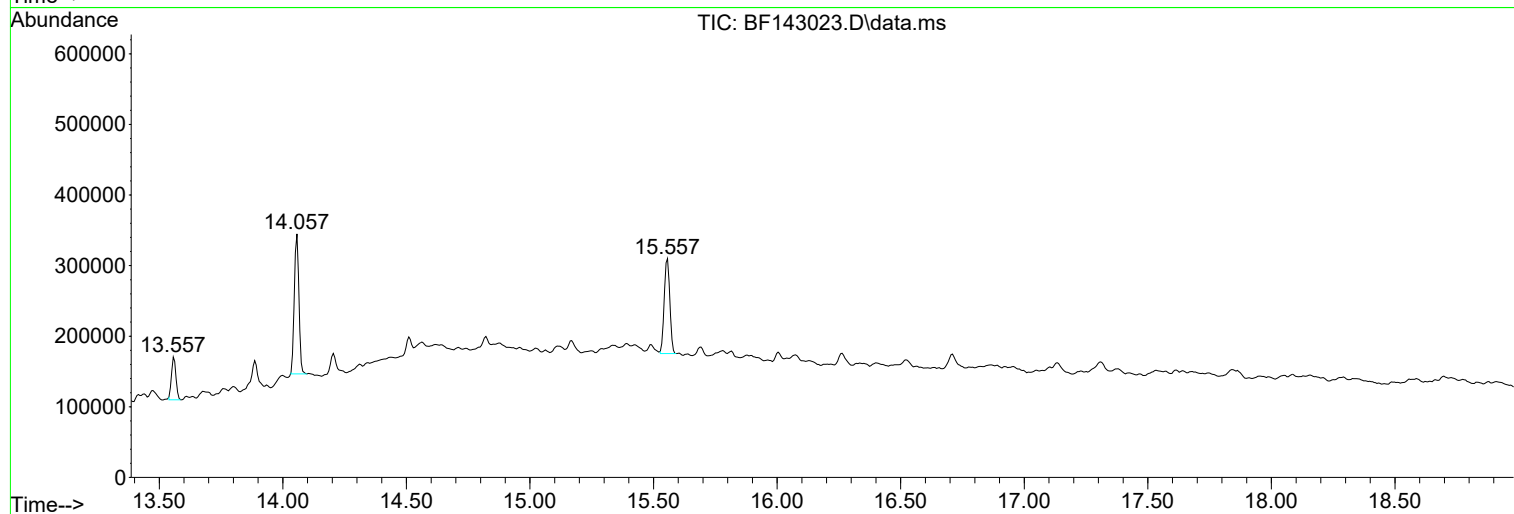
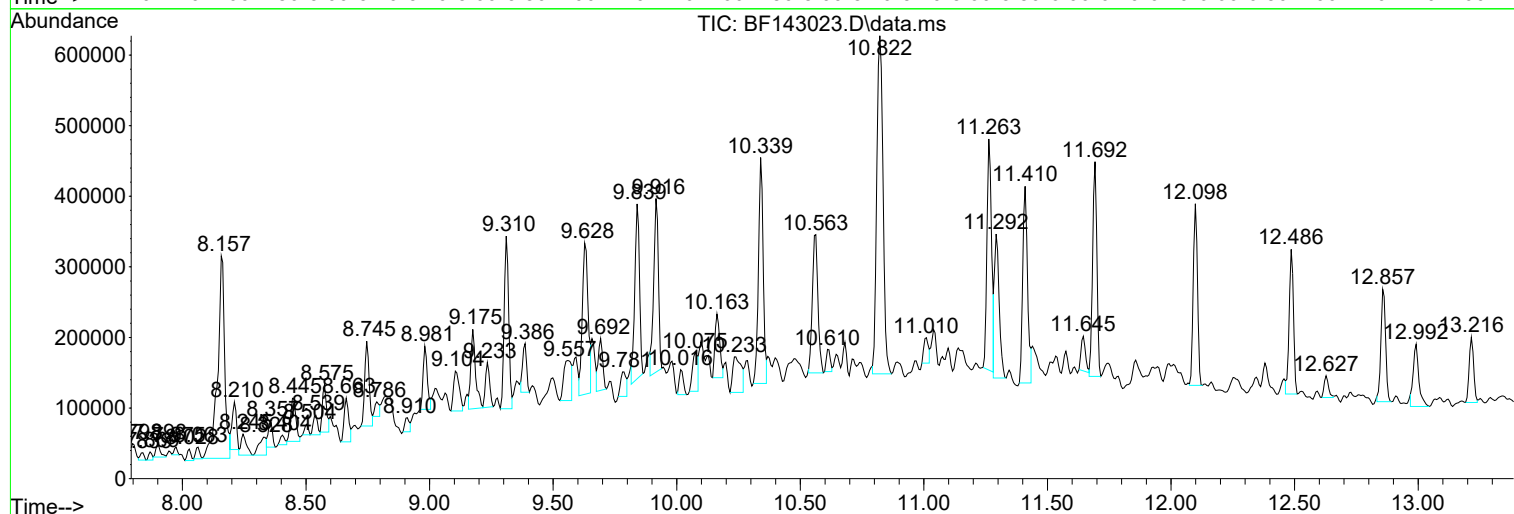
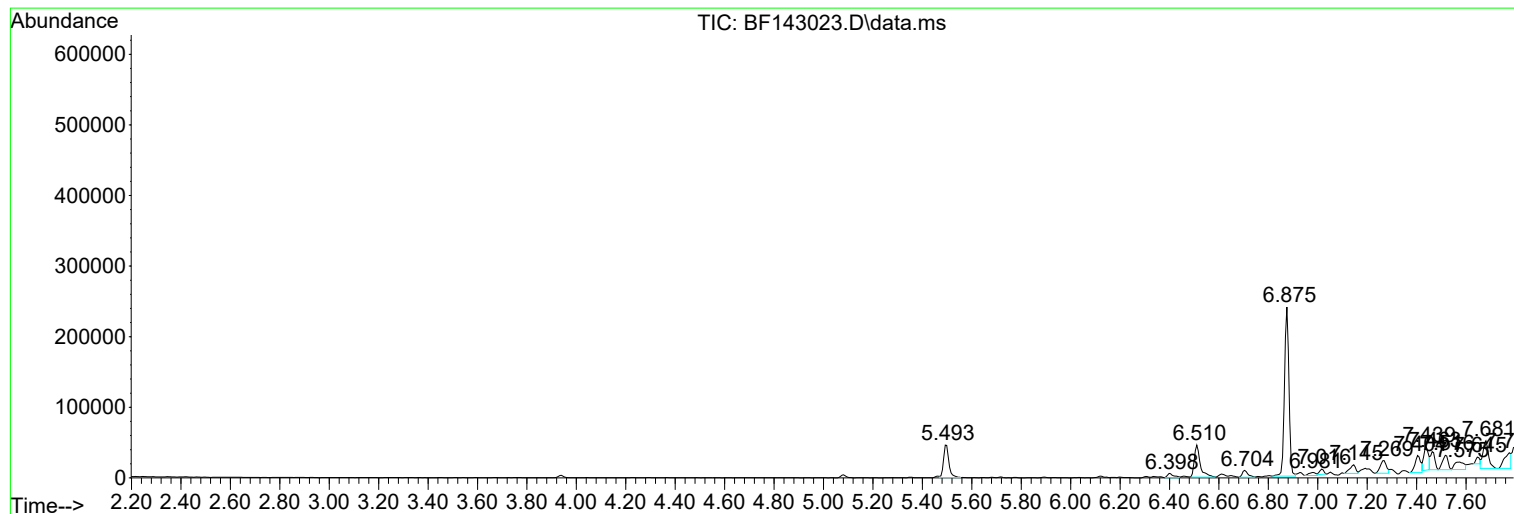
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : RC/JU
Sample : Q2513-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

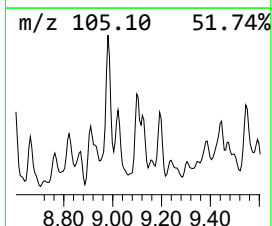
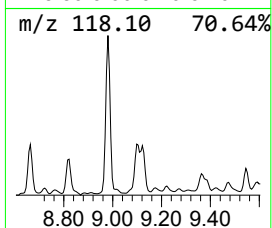
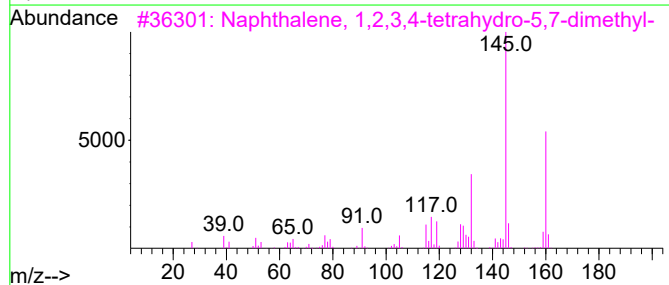
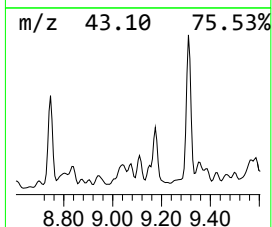
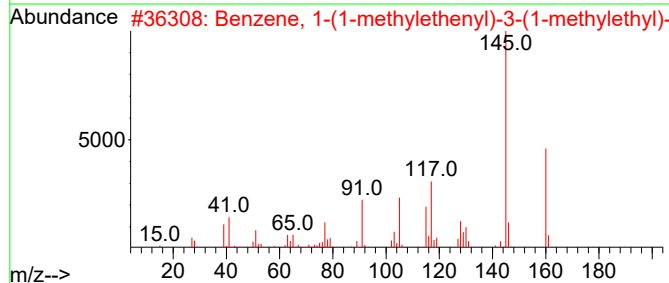
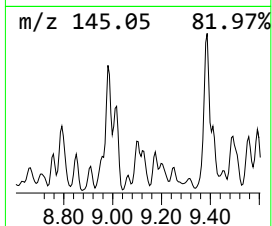
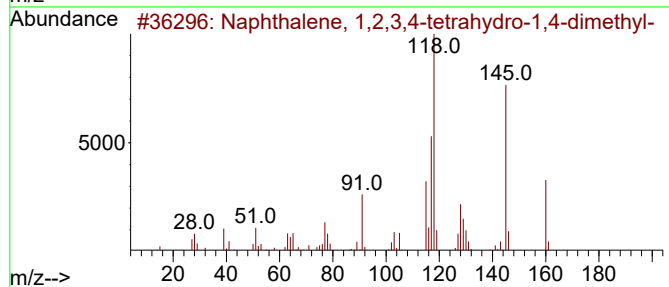
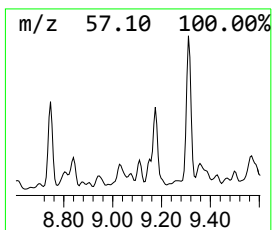
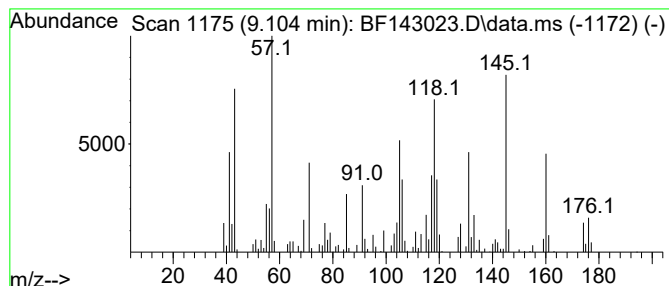
Instrument :
BNA_F
ClientSampleId :
HR-2-070325

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.104	5.86 ng	94062	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	70
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	46
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	45
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	43
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	42



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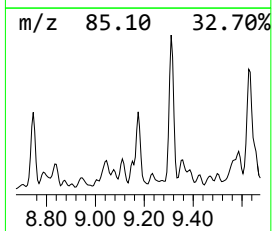
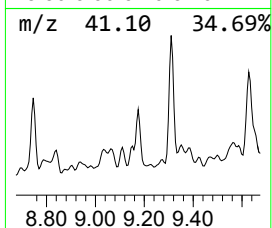
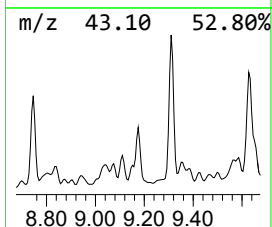
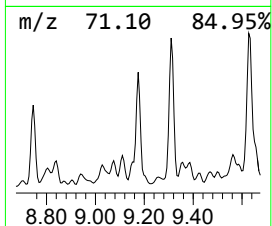
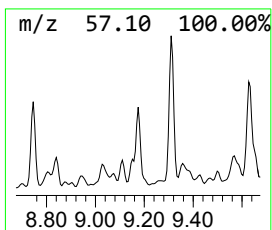
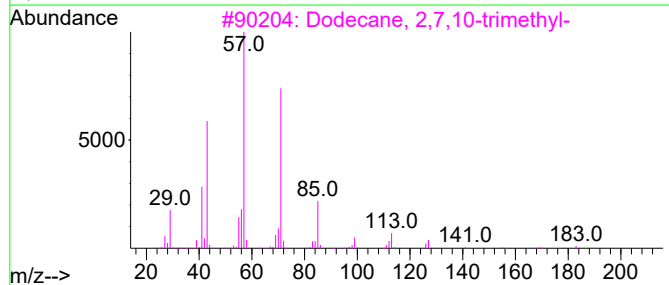
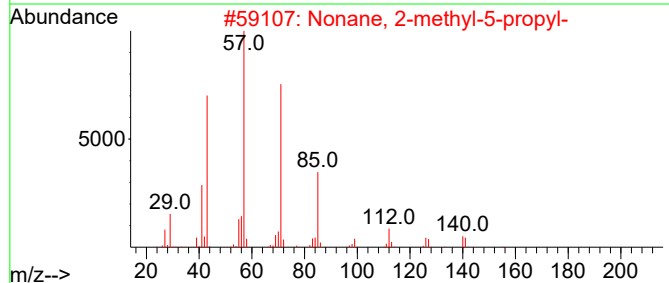
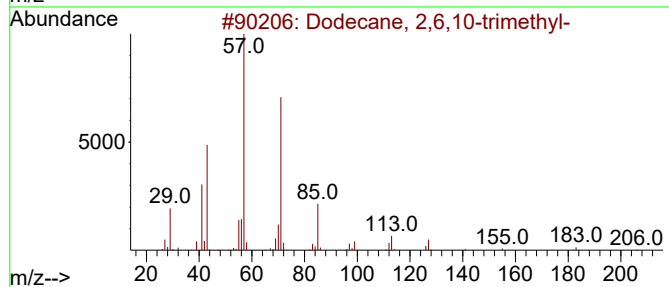
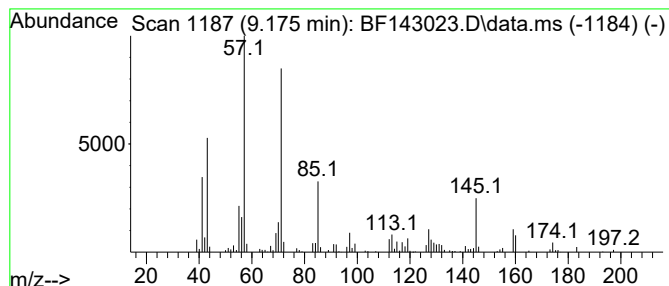
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	9.58 ng	153733	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
2			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	50
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	49
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	47
5			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	47



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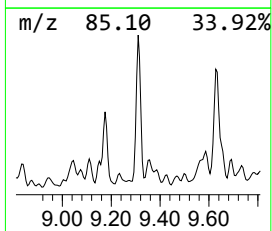
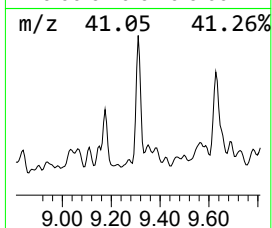
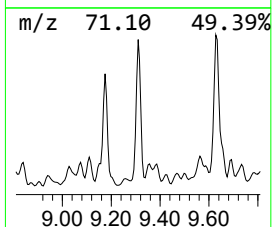
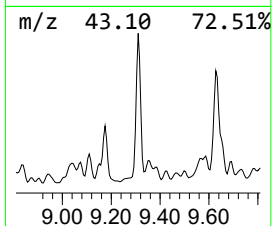
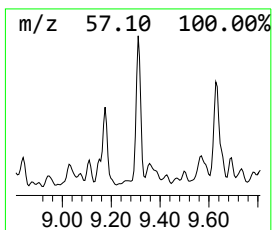
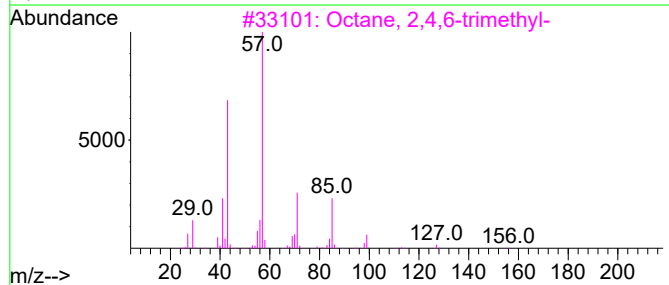
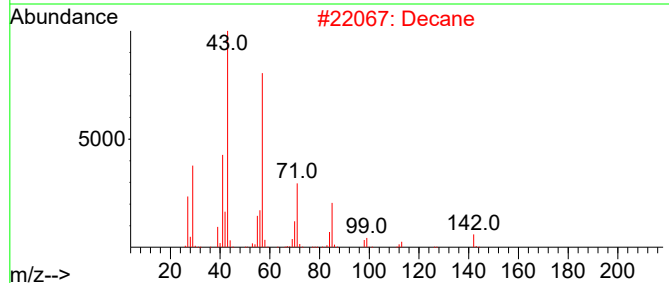
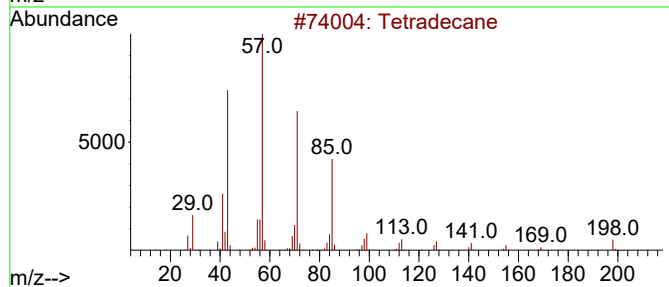
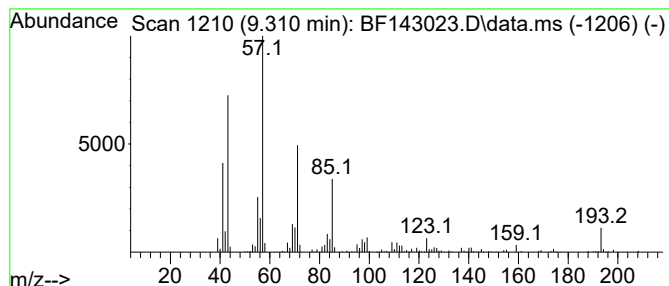
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	19.61 ng	314653	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Decane	142	C10H22	000124-18-5	58
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	58
4			Nonadecane	268	C19H40	000629-92-5	58
5			Hexadecane	226	C16H34	000544-76-3	58



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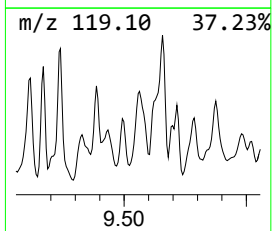
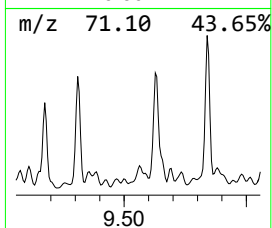
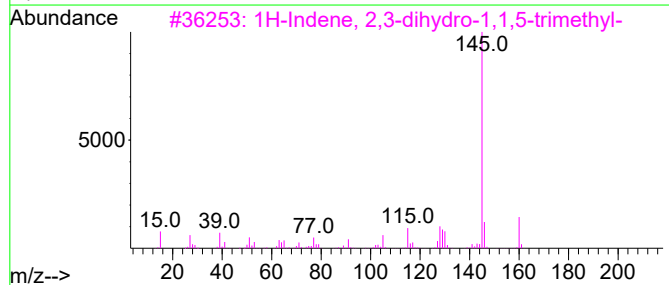
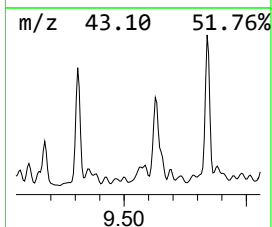
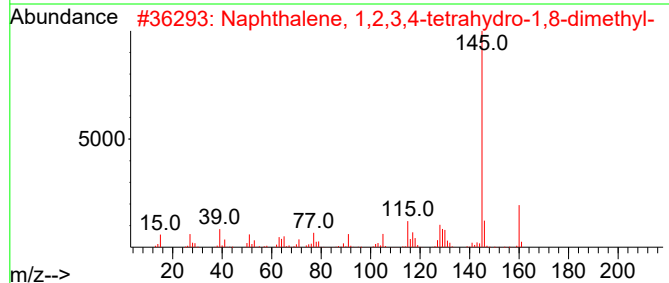
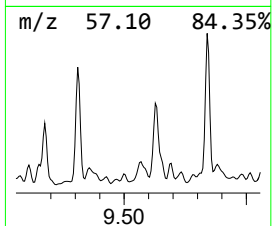
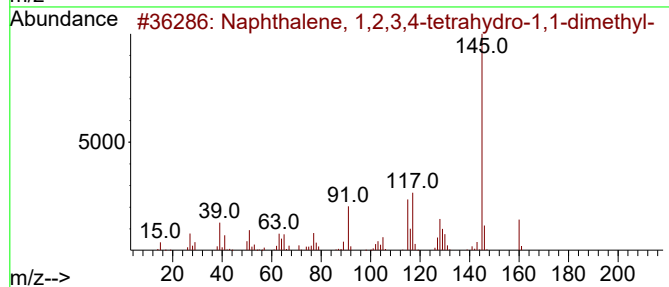
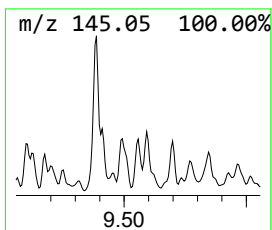
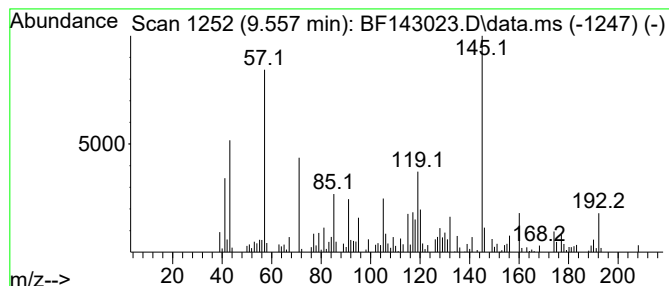
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.557 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	7.72 ng	123919	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	46
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	46
3			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	41
4			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	41
5			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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Acq On : 07 Jul 2025 22:22
Operator : RC/JU
Sample : Q2513-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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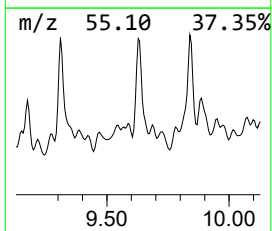
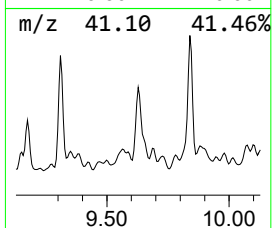
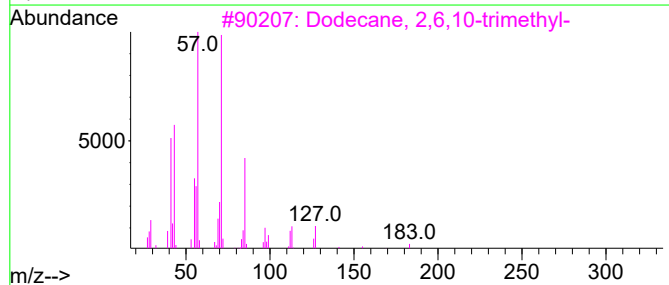
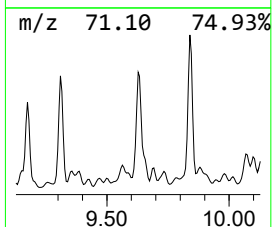
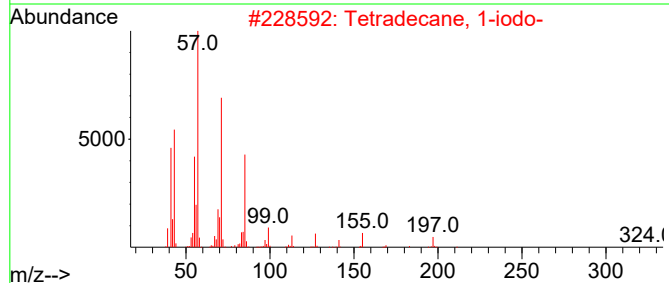
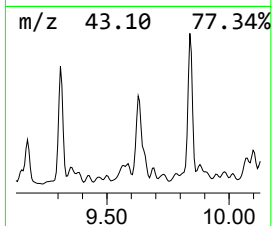
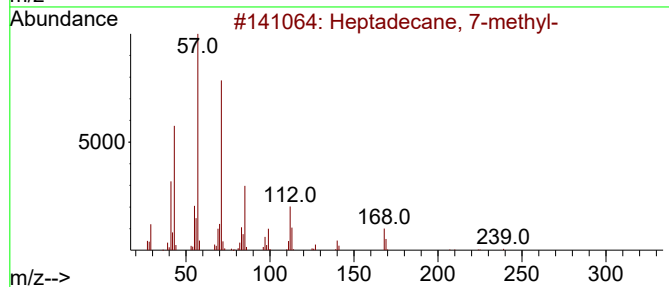
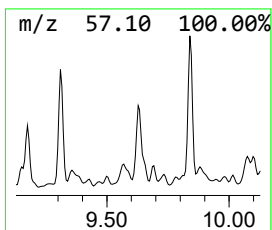
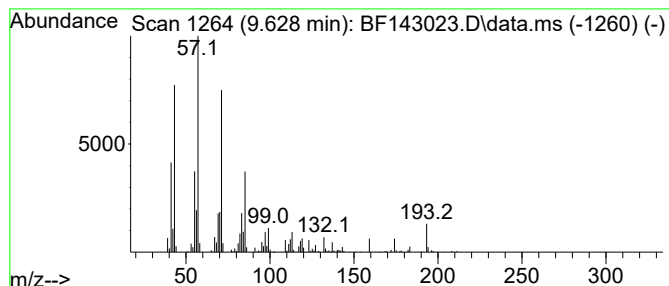
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	22.02 ng	353279	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4			Hexacosane	366	C26H54	000630-01-3	80
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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ClientSampleId :
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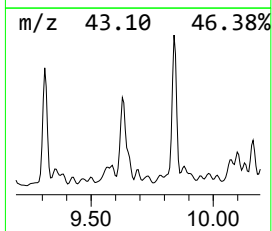
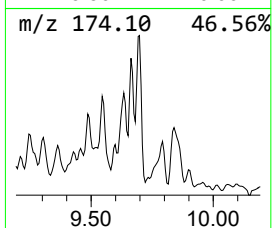
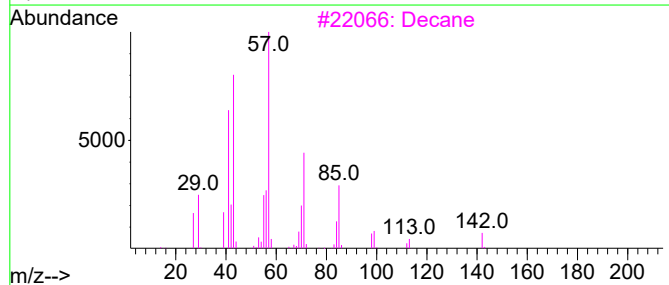
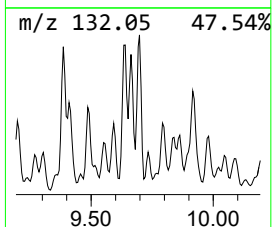
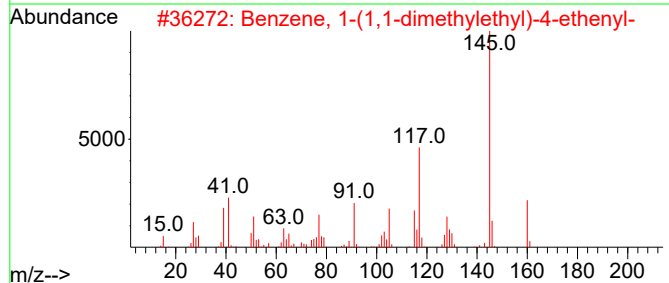
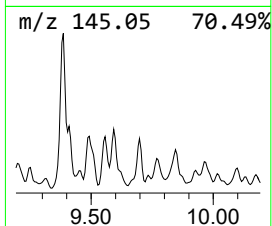
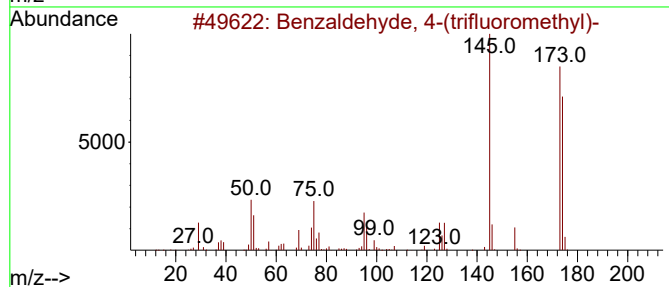
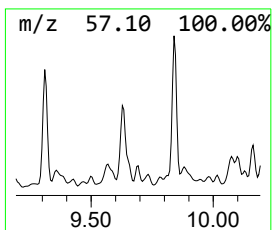
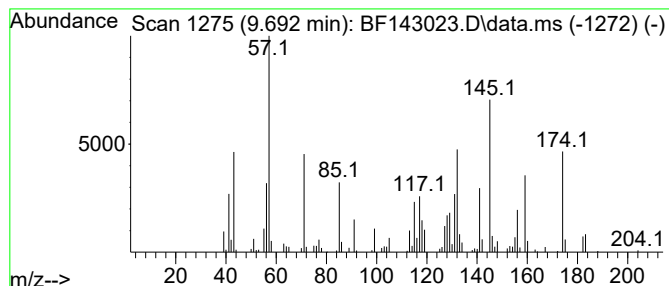
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.692 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	5.63 ng	90409	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehyde, 4-(trifluoromethyl)-	174	C8H5F3O	000455-19-6	11
2		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	11
3		Decane	142	C10H22	000124-18-5	10
4		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	10
5		Tetratetracontane	619	C44H90	007098-22-8	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143023.D
Acq On : 07 Jul 2025 22:22
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Misc :
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ClientSampleId :
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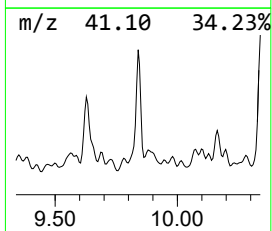
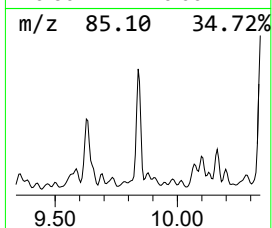
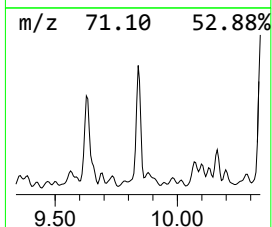
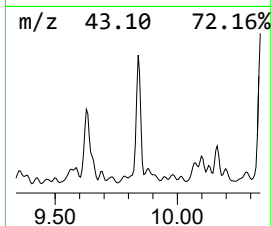
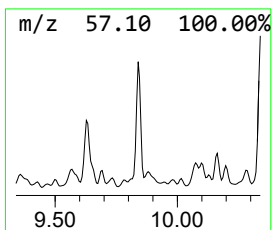
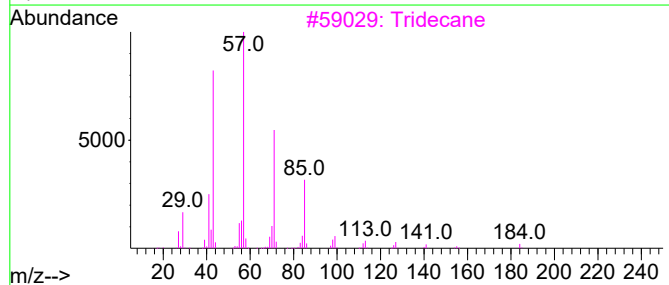
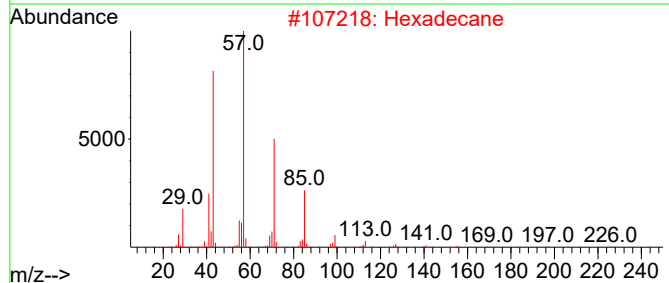
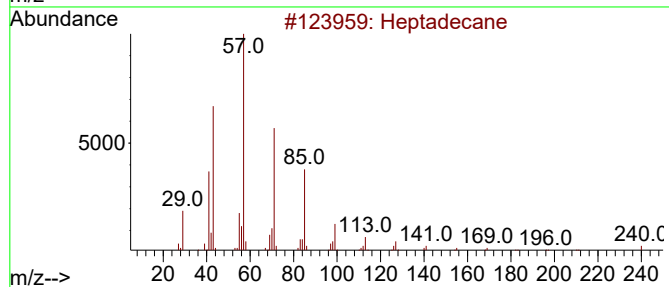
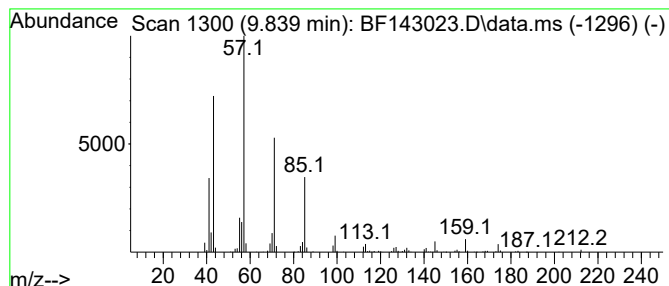
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	20.03 ng	321399	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	80
2			Hexadecane	226	C16H34	000544-76-3	80
3			Tridecane	184	C13H28	000629-50-5	80
4			Tetradecane	198	C14H30	000629-59-4	80
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143023.D
Acq On : 07 Jul 2025 22:22
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Misc :
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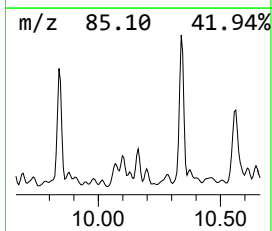
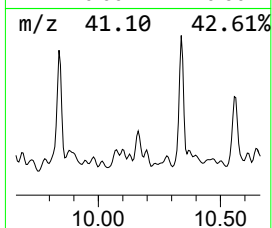
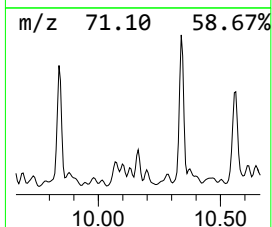
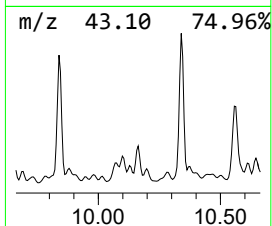
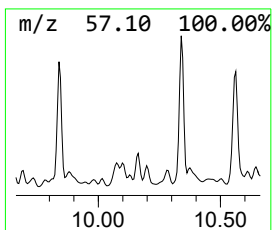
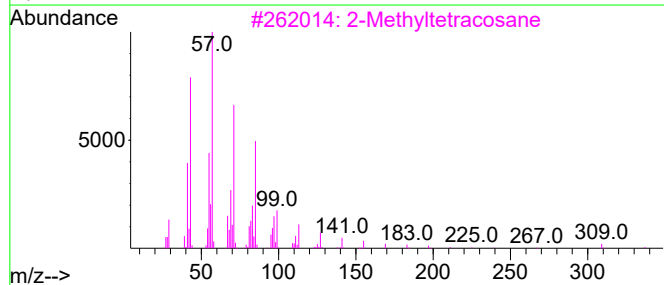
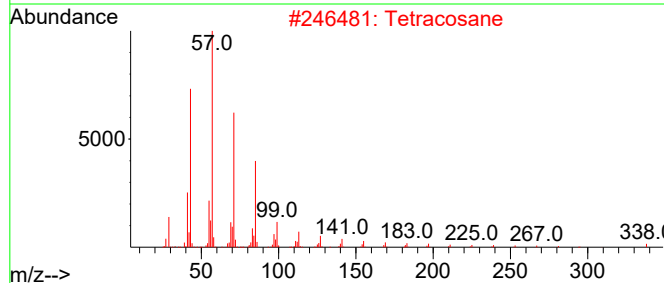
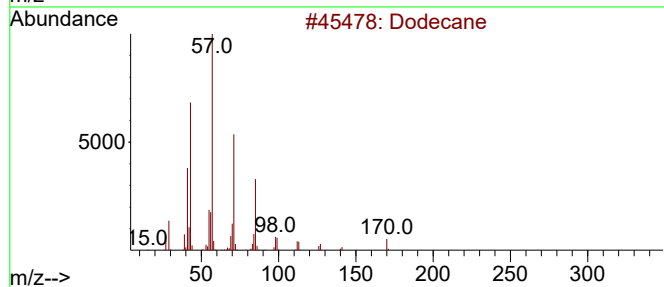
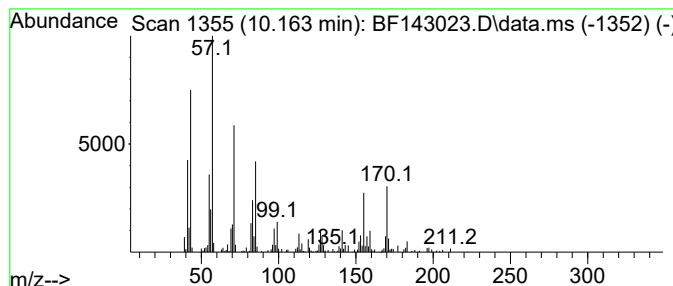
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	7.66 ng	122994	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	64
2			Tetracosane	338	C24H50	000646-31-1	53
3			2-Methyltetracosane	352	C25H52	001560-78-7	52
4			Triacontane	422	C30H62	000638-68-6	52
5			Pentacosane	352	C25H52	000629-99-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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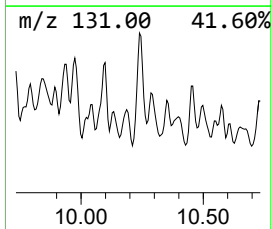
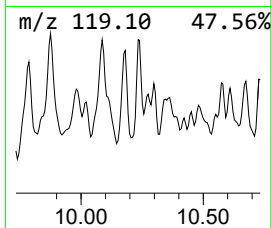
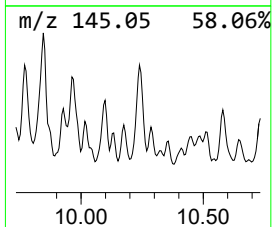
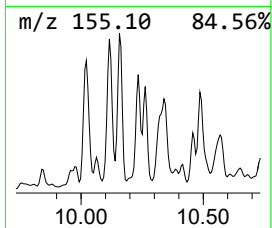
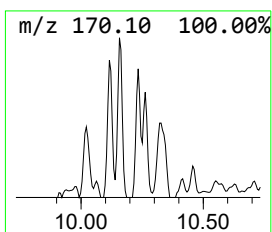
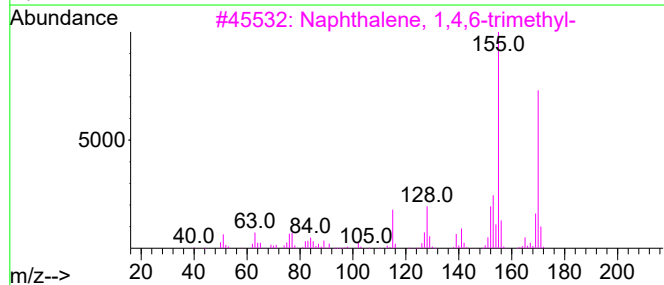
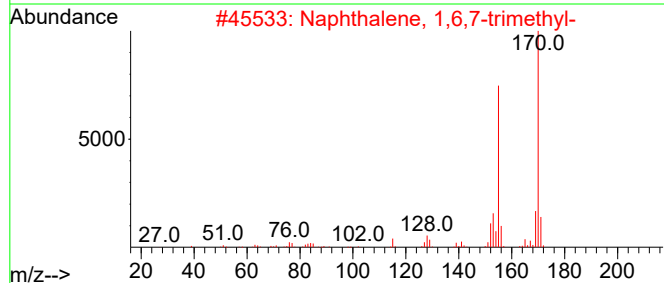
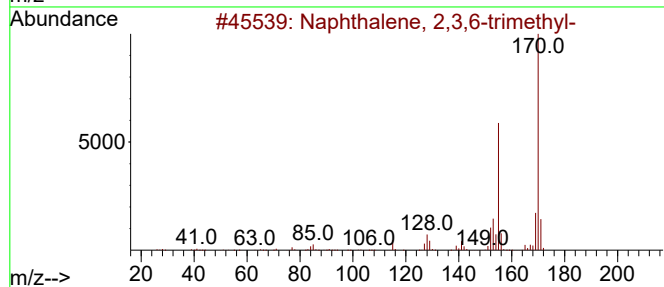
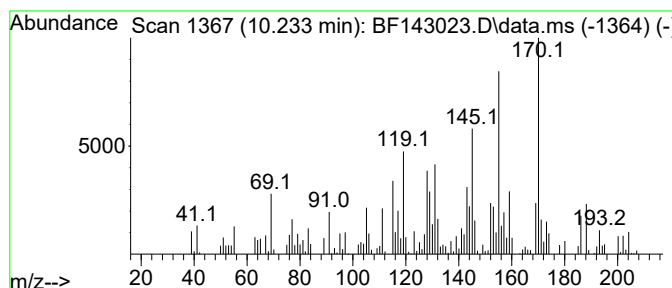
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.233	7.67 ng	123130	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	50
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143023.D
Acq On : 07 Jul 2025 22:22
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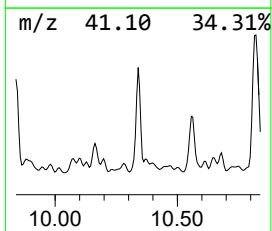
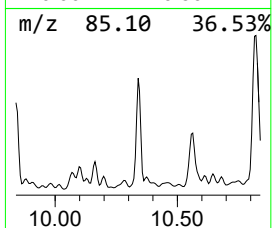
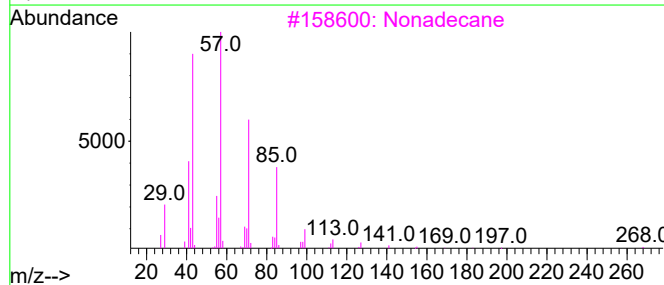
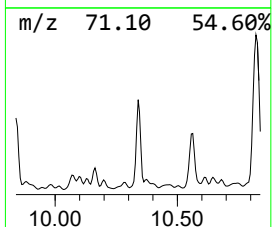
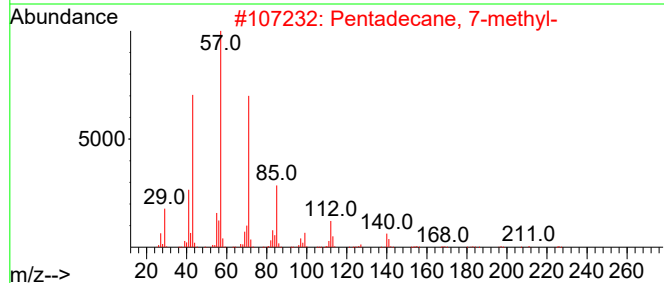
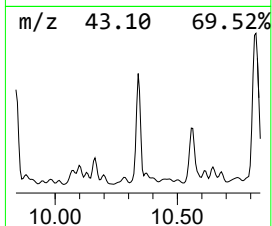
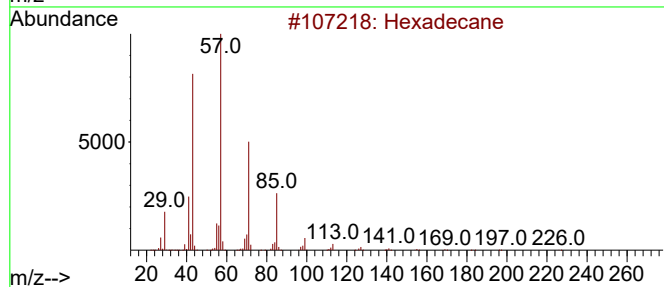
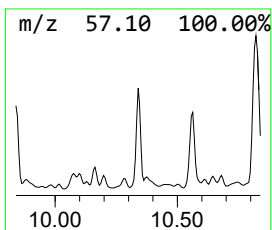
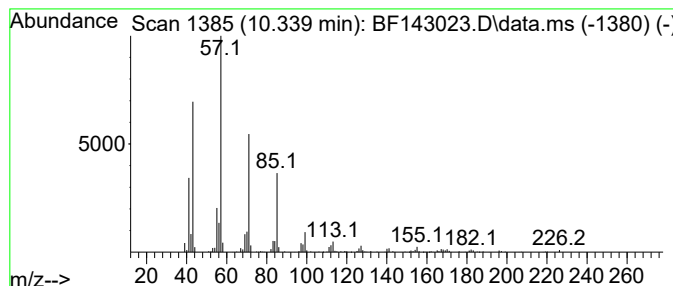
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	26.76 ng	429489	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	97
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3		Nonadecane	268	C19H40	000629-92-5	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\BF070725\
Data File : BF143023.D
Acq On : 07 Jul 2025 22:22
Operator : RC/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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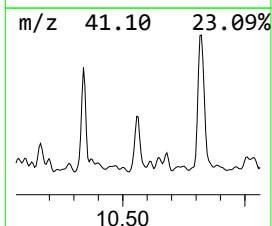
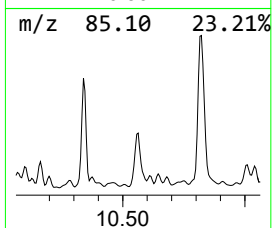
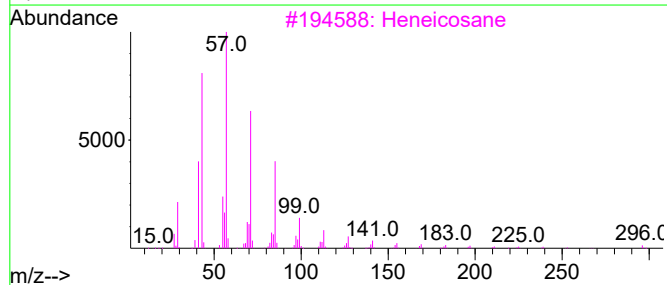
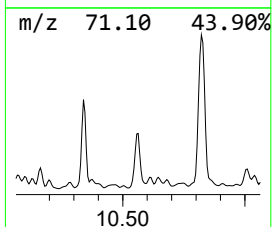
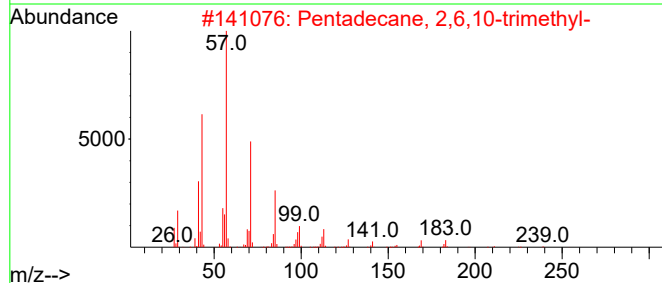
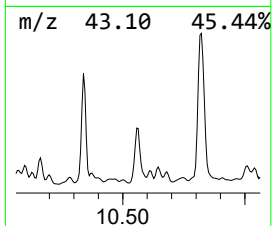
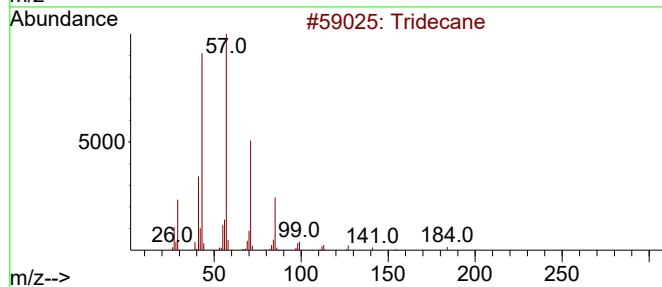
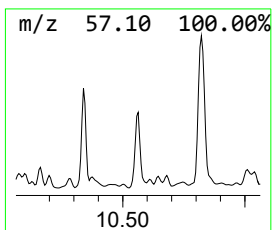
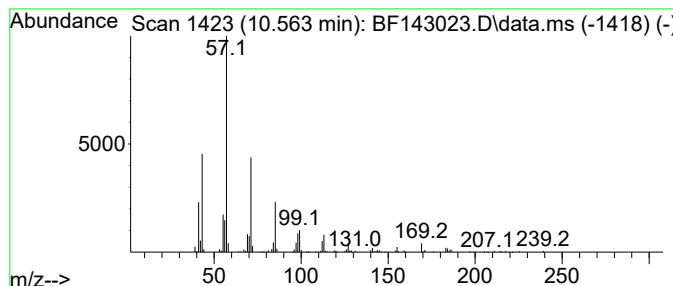
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.563	19.25 ng	308846	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	80
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3		Heneicosane	296	C21H44	000629-94-7	72
4		Eicosane	282	C20H42	000112-95-8	72
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143023.D
Acq On : 07 Jul 2025 22:22
Operator : RC/JU
Sample : Q2513-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-070325

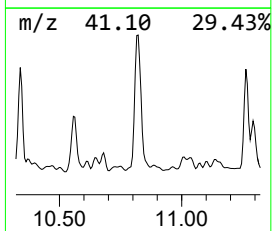
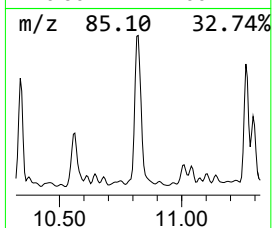
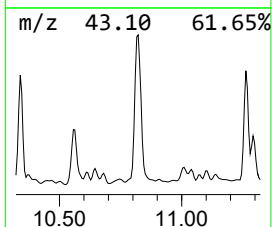
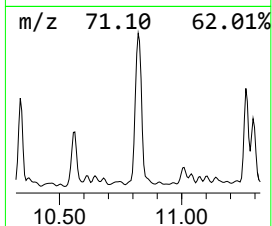
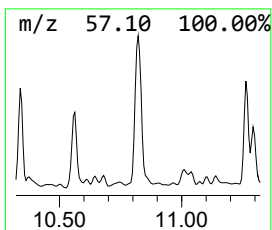
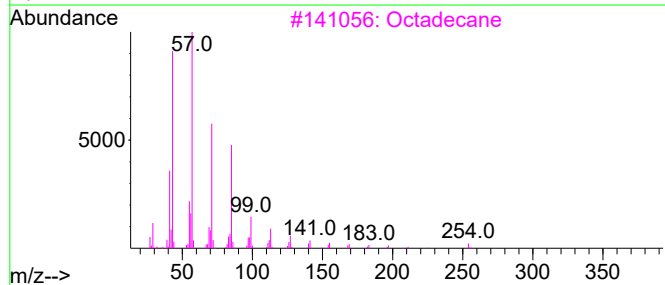
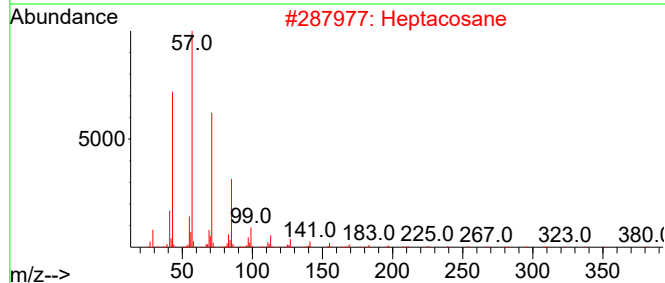
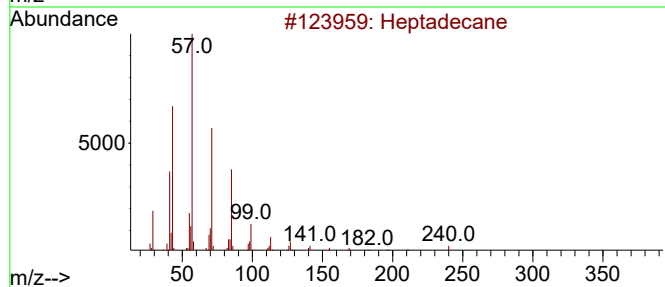
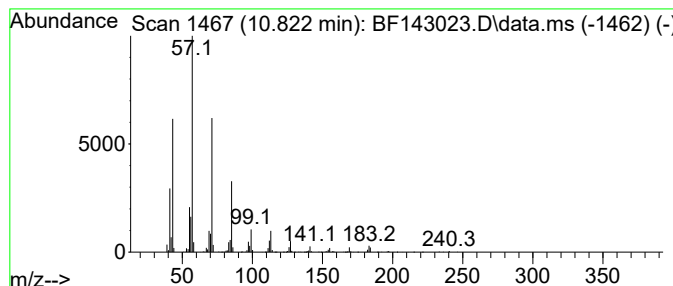
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	44.87 ng	849011	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	94
2			Heptacosane	380	C27H56	000593-49-7	91
3			Octadecane	254	C18H38	000593-45-3	90
4			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143023.D
Acq On : 07 Jul 2025 22:22
Operator : RC/JU
Sample : Q2513-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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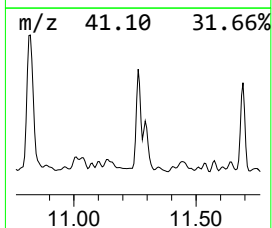
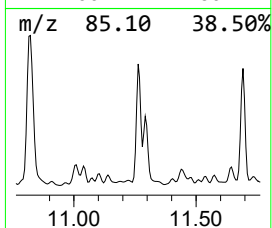
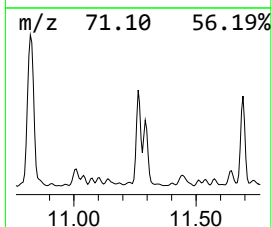
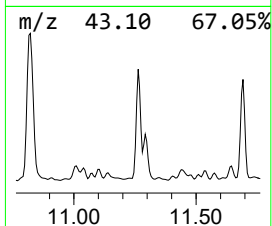
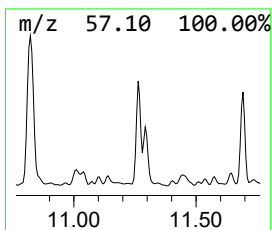
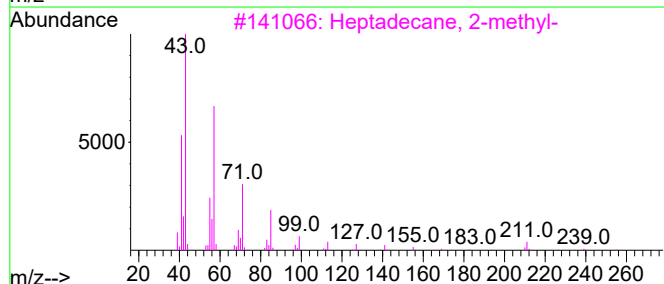
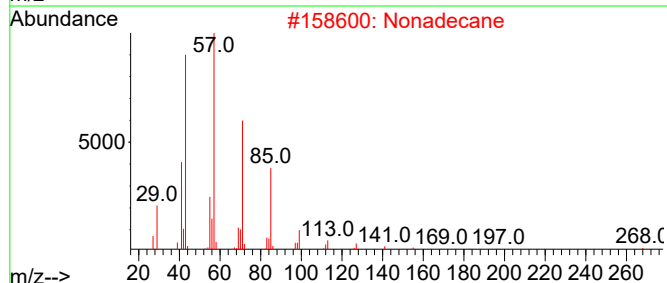
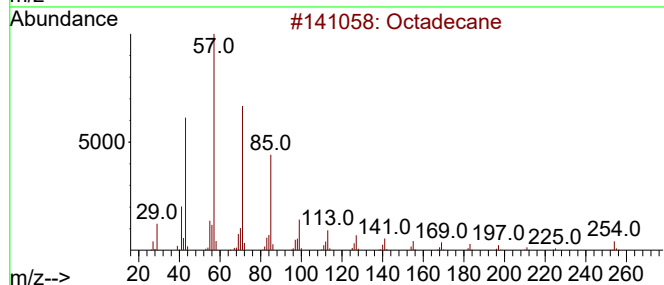
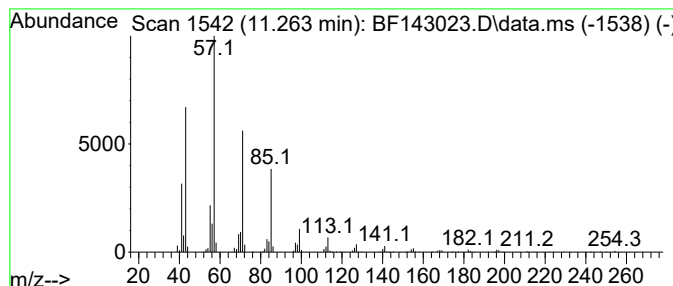
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	22.61 ng	427856	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	94
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143023.D
Acq On : 07 Jul 2025 22:22
Operator : RC/JU
Sample : Q2513-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

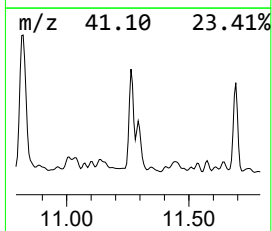
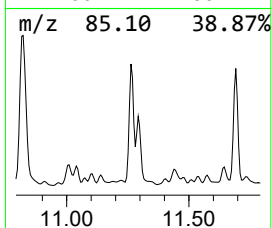
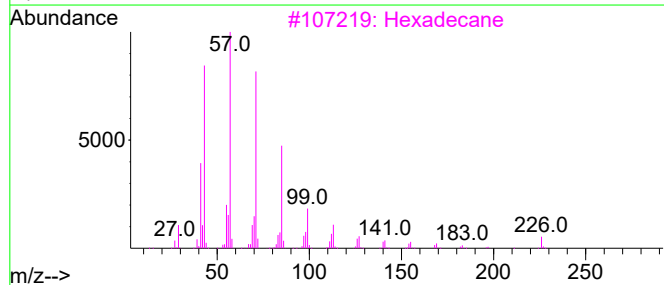
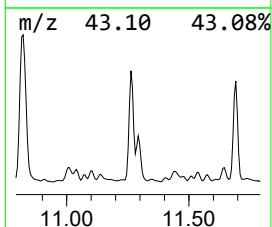
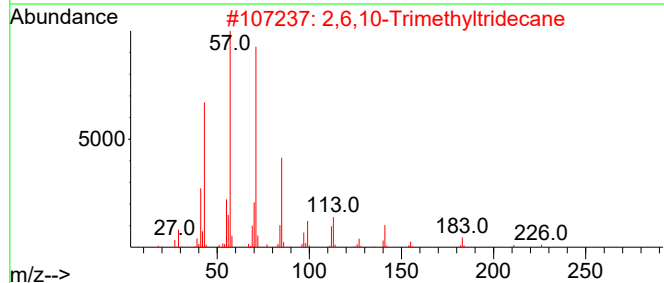
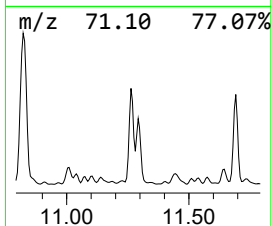
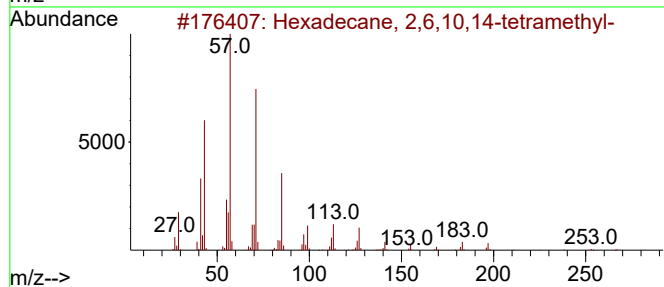
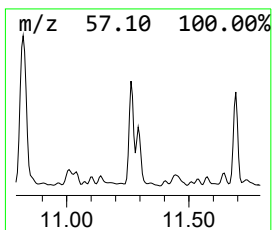
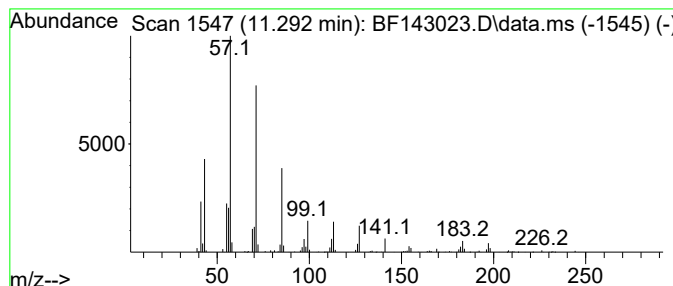
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 2,6,10,14-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.292	14.15 ng	267800	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	87
2	2,6,10-Trimethyltridecane		226	C16H34	003891-99-4	83
3	Hexadecane		226	C16H34	000544-76-3	80
4	5,5-Dibutylnonane		240	C17H36	006008-17-9	72
5	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143023.D
Acq On : 07 Jul 2025 22:22
Operator : RC/JU
Sample : Q2513-01 10X
Misc :
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Instrument :
BNA_F
ClientSampleId :
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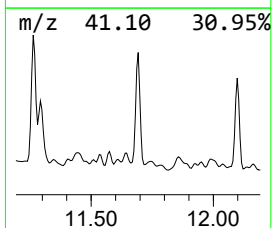
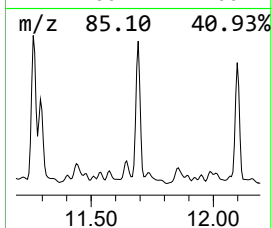
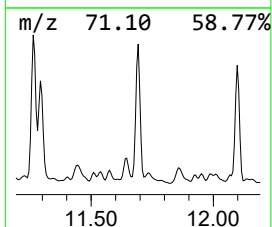
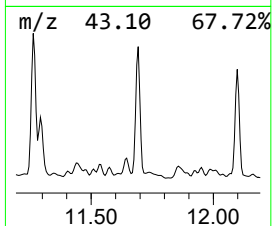
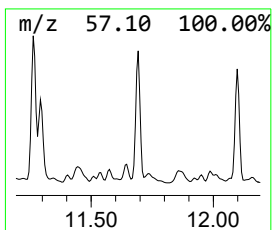
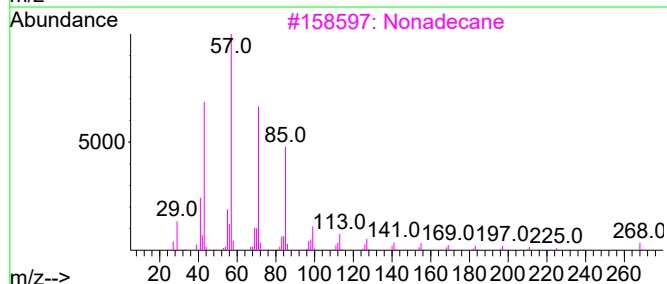
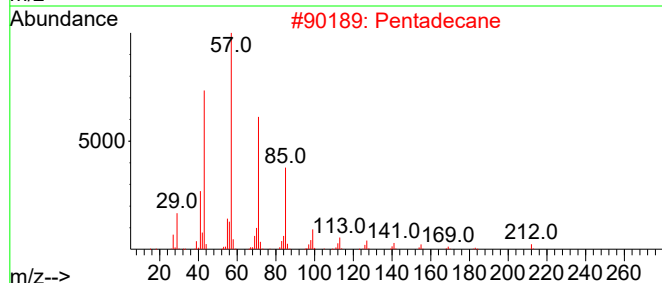
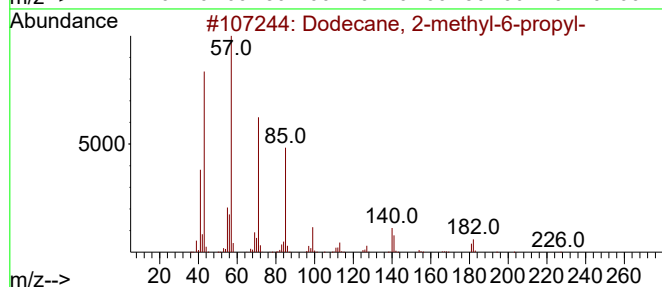
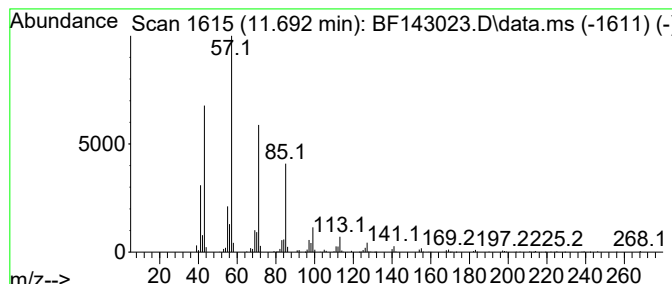
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.692	19.31 ng	365323	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2		Pentadecane	212	C15H32	000629-62-9	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143023.D
Acq On : 07 Jul 2025 22:22
Operator : RC/JU
Sample : Q2513-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-070325

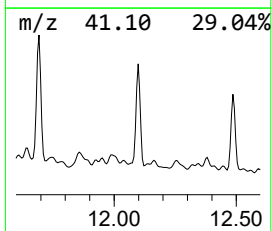
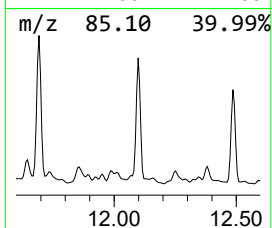
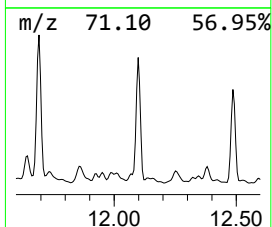
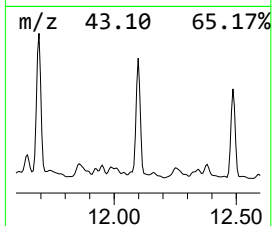
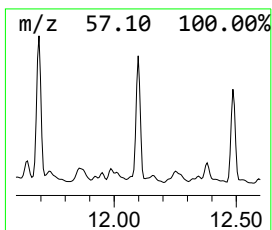
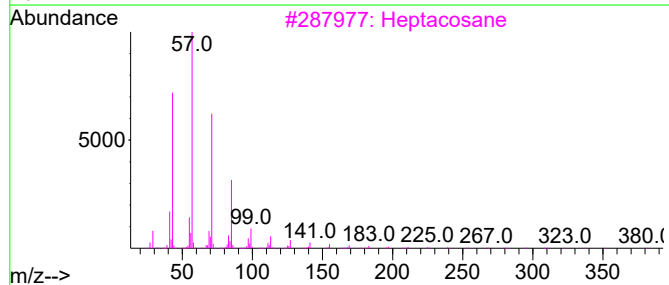
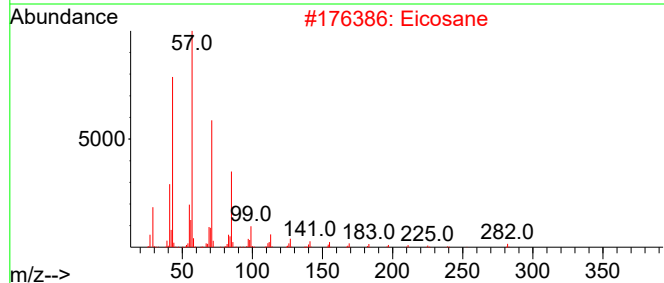
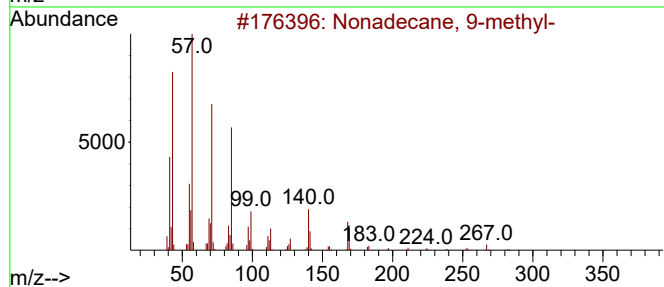
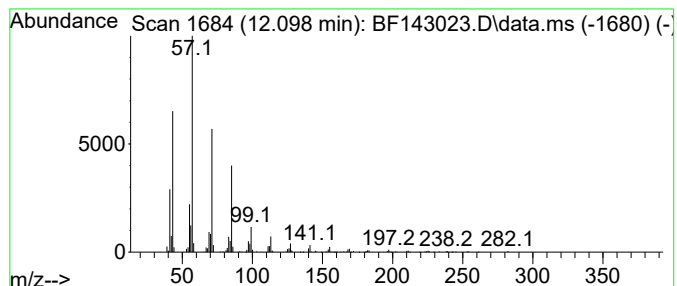
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	15.91 ng	301091	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143023.D
Acq On : 07 Jul 2025 22:22
Operator : RC/JU
Sample : Q2513-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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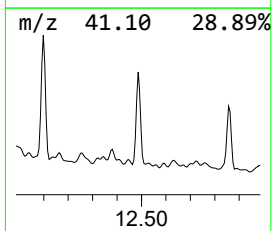
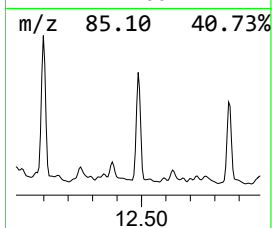
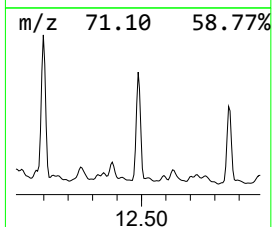
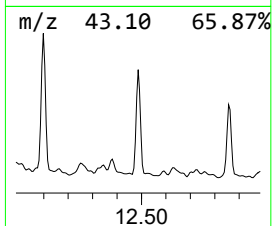
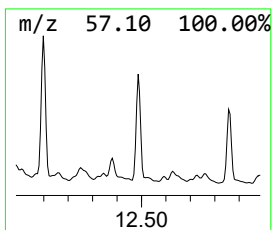
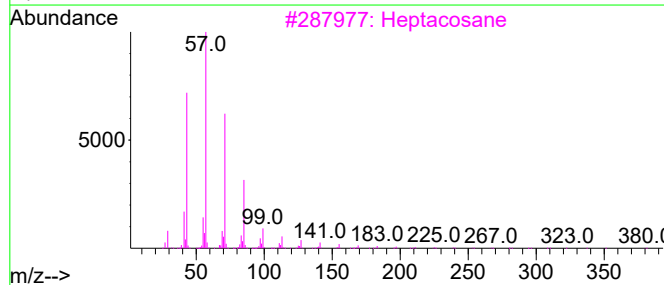
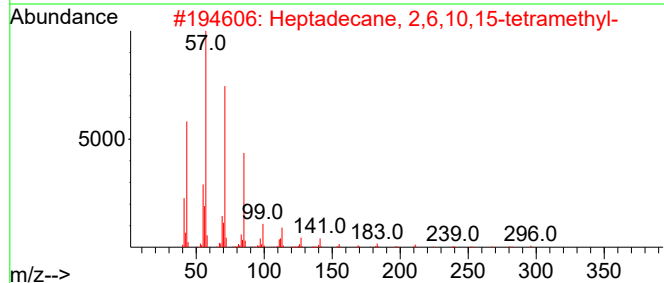
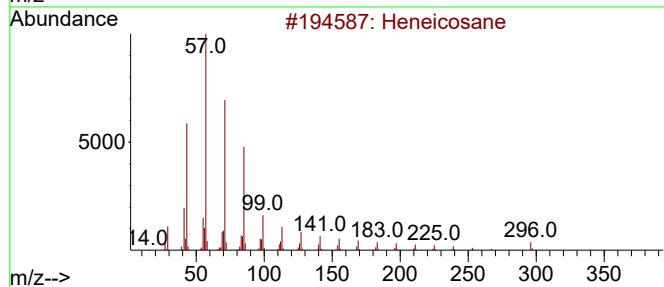
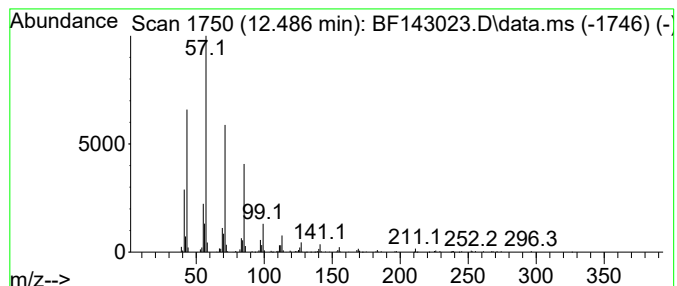
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	13.18 ng	249482	Phenanthrene-d10	11.410

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	96
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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Acq On : 07 Jul 2025 22:22
Operator : RC/JU
Sample : Q2513-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-070325

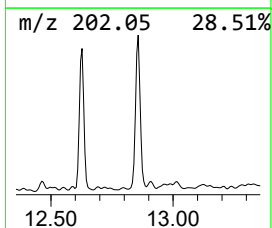
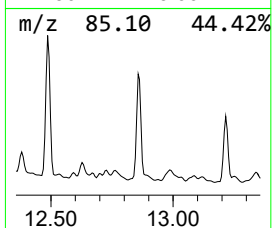
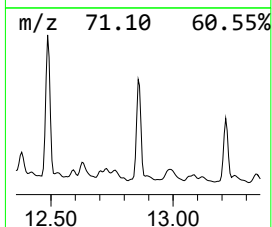
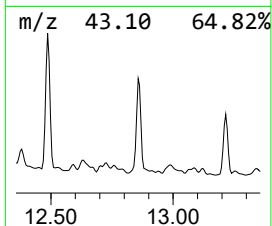
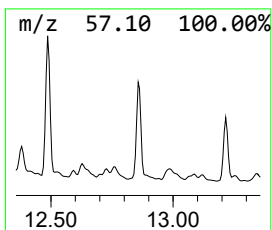
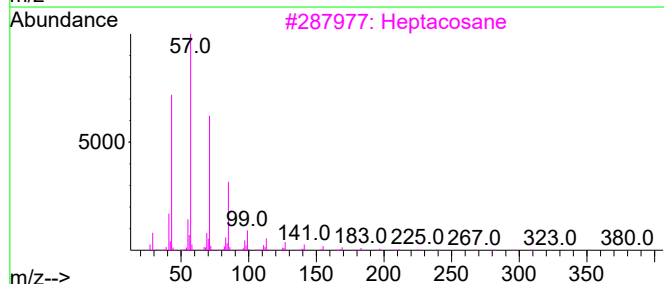
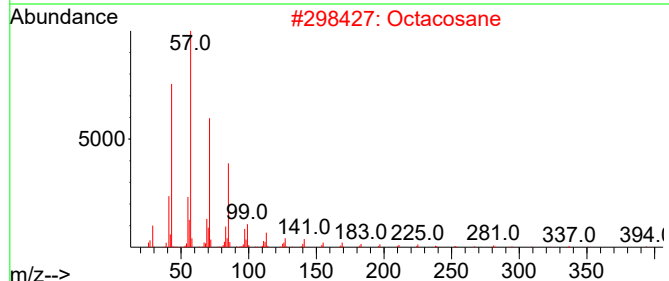
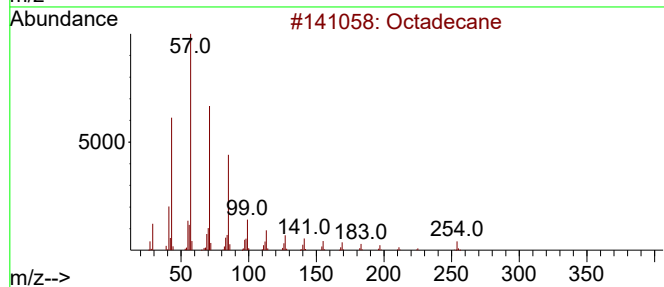
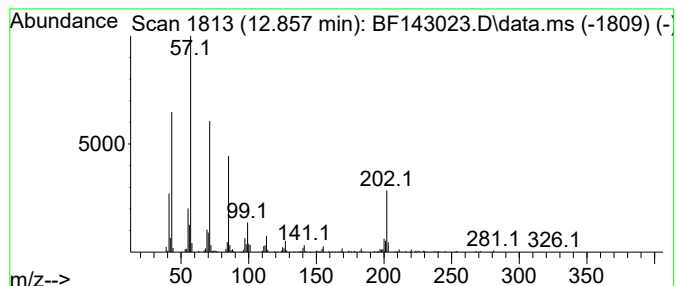
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.857	16.47 ng	207195	Chrysene-d12	14.057

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	92
2		Octacosane	394	C28H58	000630-02-4	70
3		Heptacosane	380	C27H56	000593-49-7	70
4		Nonadecane	268	C19H40	000629-92-5	70
5		Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143023.D
Acq On : 07 Jul 2025 22:22
Operator : RC/JU
Sample : Q2513-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-2-070325

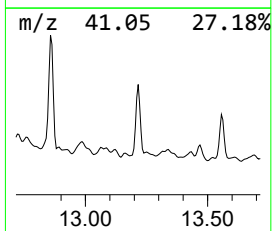
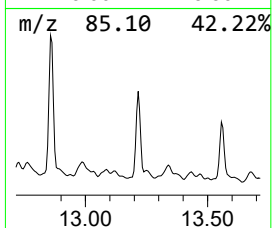
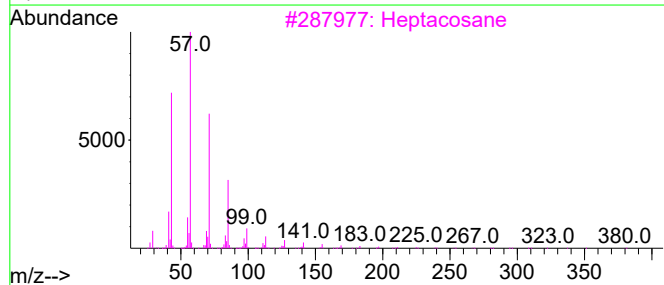
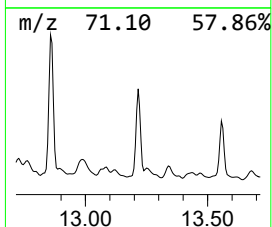
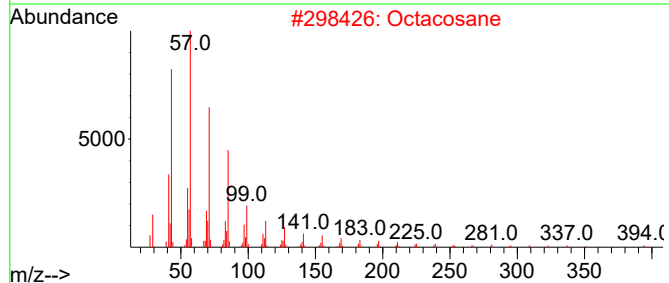
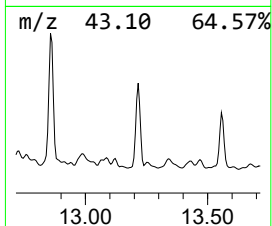
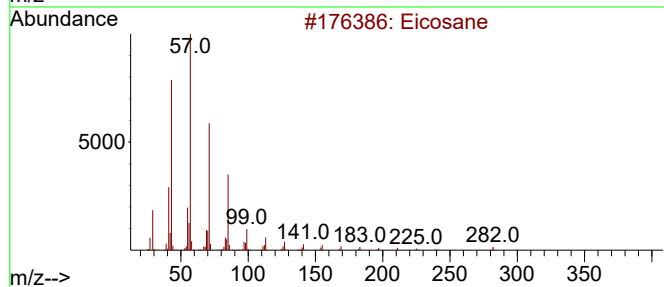
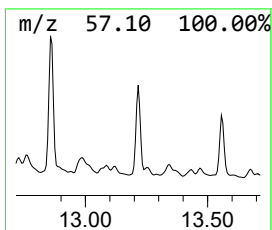
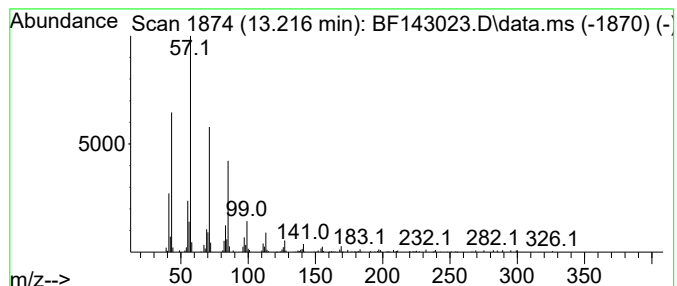
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	9.08 ng	114252	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	92
2			Octacosane	394	C28H58	000630-02-4	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143023.D
Acq On : 07 Jul 2025 22:22
Operator : RC/JU
Sample : Q2513-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-070325

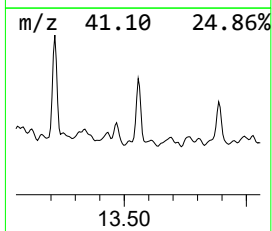
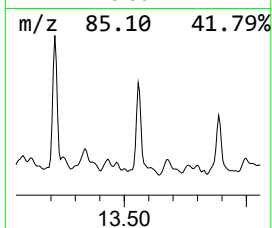
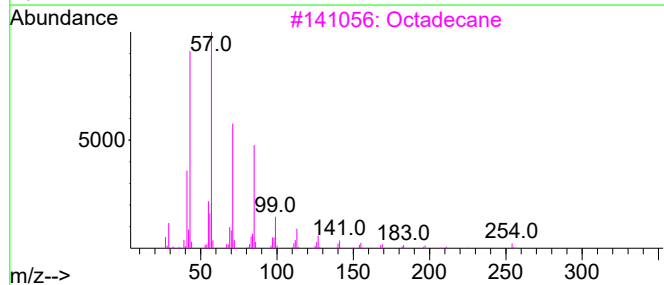
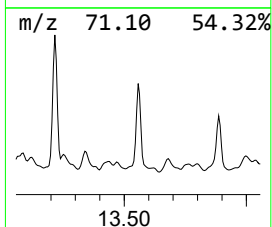
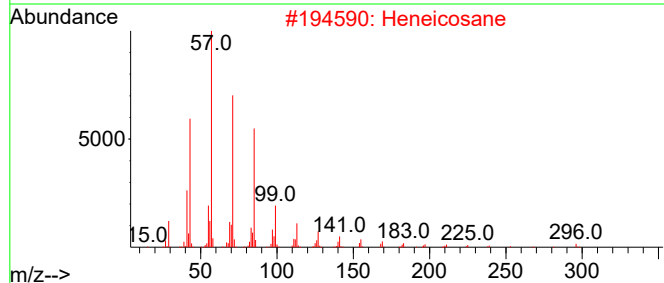
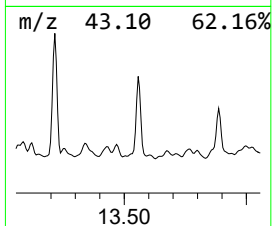
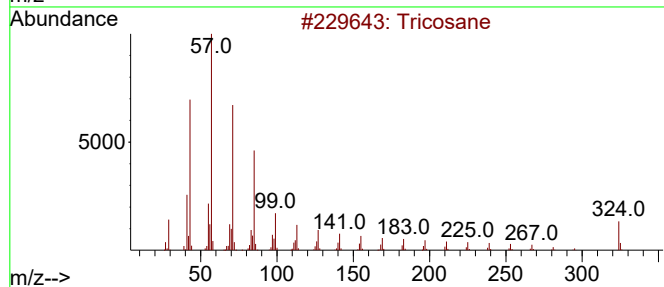
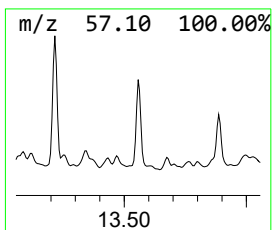
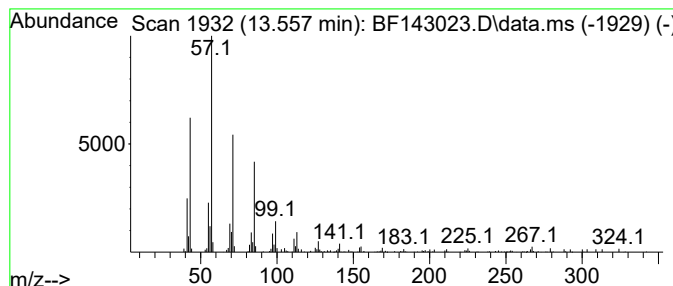
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tricosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.557	6.06 ng	76279	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	93
2			Heneicosane	296	C21H44	000629-94-7	90
3			Octadecane	254	C18H38	000593-45-3	90
4			Nonadecane	268	C19H40	000629-92-5	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143023.D
 Acq On : 07 Jul 2025 22:22
 Operator : RC/JU
 Sample : Q2513-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-070325

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	9.104	5.9	ng	94062	3	9.916	320938	20.0
Dodecane, 2,6,1...	9.175	9.6	ng	153733	3	9.916	320938	20.0
Tetradecane	9.310	19.6	ng	314653	3	9.916	320938	20.0
unknown9.557	9.557	7.7	ng	123919	3	9.916	320938	20.0
Heptadecane, 7-...	9.628	22.0	ng	353279	3	9.916	320938	20.0
unknown9.692	9.692	5.6	ng	90409	3	9.916	320938	20.0
Heptadecane	9.839	20.0	ng	321399	3	9.916	320938	20.0
Dodecane	10.163	7.7	ng	122994	3	9.916	320938	20.0
Naphthalene, 2,...	10.233	7.7	ng	123130	3	9.916	320938	20.0
Hexadecane	10.339	26.8	ng	429489	3	9.916	320938	20.0
Tridecane	10.563	19.3	ng	308846	3	9.916	320938	20.0
Heptacosane	10.822	44.9	ng	849011	4	11.410	378446	20.0
Octadecane	11.263	22.6	ng	427856	4	11.410	378446	20.0
Hexadecane, 2,6...	11.292	14.2	ng	267800	4	11.410	378446	20.0
Dodecane, 2-met...	11.692	19.3	ng	365323	4	11.410	378446	20.0
Nonadecane, 9-m...	12.098	15.9	ng	301091	4	11.410	378446	20.0
Heneicosane	12.486	13.2	ng	249482	4	11.410	378446	20.0
Octacosane	12.857	16.5	ng	207195	5	14.057	251677	20.0
Eicosane	13.216	9.1	ng	114252	5	14.057	251677	20.0
Tricosane	13.557	6.1	ng	76279	5	14.057	251677	20.0