

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142762.D
 Acq On : 12 Jun 2025 17:27
 Operator : RC/JU
 Sample : Q2223-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-06042025

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-BF061125.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142762.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	488	493	502	rBV	13643	18754	2.79%	0.220%
2	5.504	556	563	574	rBV	140737	194772	28.99%	2.282%
3	6.510	730	734	750	rBV	126477	175901	26.18%	2.061%
4	6.892	793	799	805	rBV	232025	300178	44.67%	3.516%
5	7.163	839	845	848	rBV4	5310	7615	1.13%	0.089%
6	7.281	859	865	869	rBV3	8983	16440	2.45%	0.193%
7	7.451	883	894	898	rBV	79168	130934	19.49%	1.534%
8	7.534	903	908	912	rBV3	10079	16020	2.38%	0.188%
9	7.581	912	916	921	rBV4	7439	15261	2.27%	0.179%
10	7.698	932	936	943	rVB	27329	39735	5.91%	0.465%
11	7.810	952	955	959	rVB4	18123	22204	3.30%	0.260%
12	7.857	959	963	965	rBV3	12459	17143	2.55%	0.201%
13	7.887	965	968	970	rVB2	10886	11280	1.68%	0.132%
14	7.922	970	974	977	rBV3	14321	17872	2.66%	0.209%
15	7.963	978	981	984	rBV2	15082	17263	2.57%	0.202%
16	7.992	984	986	992	rVB5	8978	12412	1.85%	0.145%
17	8.045	992	995	997	rBV3	11364	13636	2.03%	0.160%
18	8.075	997	1000	1004	rBV2	16030	19641	2.92%	0.230%
19	8.122	1004	1008	1009	rBV3	13011	16333	2.43%	0.191%
20	8.175	1009	1017	1022	rVV	257859	374848	55.78%	4.391%
21	8.228	1023	1026	1030	rVB	57835	66600	9.91%	0.780%
22	8.263	1030	1032	1039	rVB4	19882	34113	5.08%	0.400%
23	8.345	1039	1046	1048	rBV3	21189	43108	6.42%	0.505%
24	8.463	1062	1066	1071	rBV4	54484	85541	12.73%	1.002%
25	8.516	1072	1075	1078	rVV3	25469	33966	5.05%	0.398%
26	8.551	1078	1081	1084	rVV4	26236	32247	4.80%	0.378%
27	8.592	1084	1088	1098	rVB	89363	165792	24.67%	1.942%
28	8.681	1100	1103	1105	rBV4	13696	16864	2.51%	0.198%
29	8.763	1112	1117	1120	rBV	90356	123648	18.40%	1.448%
30	8.851	1129	1132	1136	rVB	41876	59759	8.89%	0.700%
31	8.922	1141	1144	1146	rBV2	20341	24999	3.72%	0.293%
32	9.045	1161	1165	1169	rBV5	42744	74614	11.10%	0.874%
33	9.122	1175	1178	1182	rVB2	40588	52336	7.79%	0.613%
34	9.169	1182	1186	1187	rBV	35228	43594	6.49%	0.511%
35	9.192	1187	1190	1195	rVB	111944	132308	19.69%	1.550%
36	9.245	1195	1199	1204	rBV	164376	209681	31.20%	2.456%

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.328	1208	1213	1217	rBV	190637	255465	38.02%	2.993%
38	9.569	1250	1254	1255	rBV2	43061	59436	8.85%	0.696%
39	9.645	1263	1267	1270	rBV2	190475	272230	40.51%	3.189%
40	9.704	1275	1277	1281	rVB2	54711	59577	8.87%	0.698%
41	9.857	1299	1303	1307	rVB	185010	225770	33.60%	2.645%
42	9.928	1311	1315	1320	rVB	246936	323320	48.12%	3.787%
43	10.092	1339	1343	1344	rBV	51811	69560	10.35%	0.815%
44	10.181	1354	1358	1362	rBV3	80589	121827	18.13%	1.427%
45	10.257	1367	1371	1375	rBV5	31388	68064	10.13%	0.797%
46	10.357	1383	1388	1391	rBV	245943	323836	48.19%	3.793%
47	10.575	1420	1425	1431	rBV	198992	332308	49.45%	3.893%
48	10.698	1443	1446	1447	rBV3	36278	38242	5.69%	0.448%
49	10.839	1464	1470	1478	rVB	363023	671953	100.00%	7.871%
50	11.280	1541	1545	1547	rBV	239530	298682	44.45%	3.499%
51	11.310	1547	1550	1556	rVB	182677	257369	38.30%	3.015%
52	11.422	1564	1569	1573	rBV	261206	354278	52.72%	4.150%
53	11.657	1606	1609	1613	rBV2	44803	60266	8.97%	0.706%
54	11.704	1613	1617	1622	rVB	214446	258571	38.48%	3.029%
55	12.116	1683	1687	1691	rVB	178761	219275	32.63%	2.569%
56	12.398	1732	1735	1739	rVB	33155	38809	5.78%	0.455%
57	12.504	1749	1753	1757	rVB	152553	187155	27.85%	2.192%
58	12.874	1812	1816	1821	rVB2	108015	136967	20.38%	1.604%
59	13.004	1833	1838	1847	rVB	217670	306531	45.62%	3.591%
60	13.233	1873	1877	1885	rVB	66358	88643	13.19%	1.038%
61	13.574	1931	1935	1940	rBV2	41691	52414	7.80%	0.614%
62	13.904	1988	1991	2002	rVB2	33794	62444	9.29%	0.731%
63	14.063	2013	2018	2029	rBV	297348	400240	59.56%	4.688%
64	15.557	2267	2272	2287	rVB	197024	356135	53.00%	4.172%

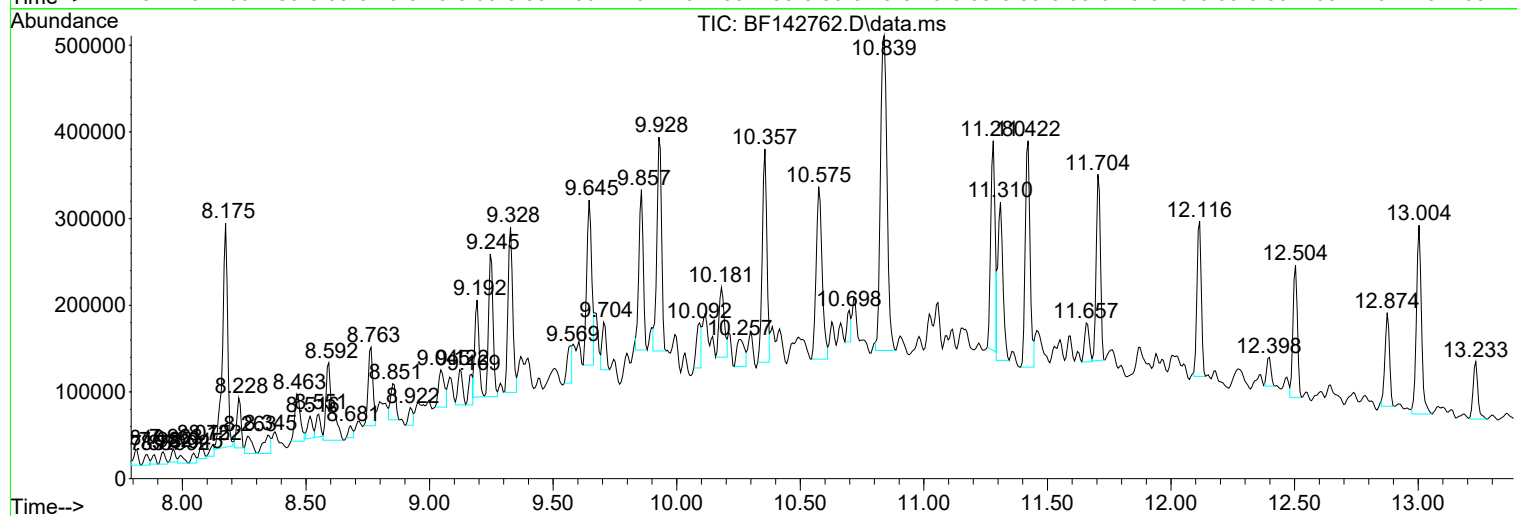
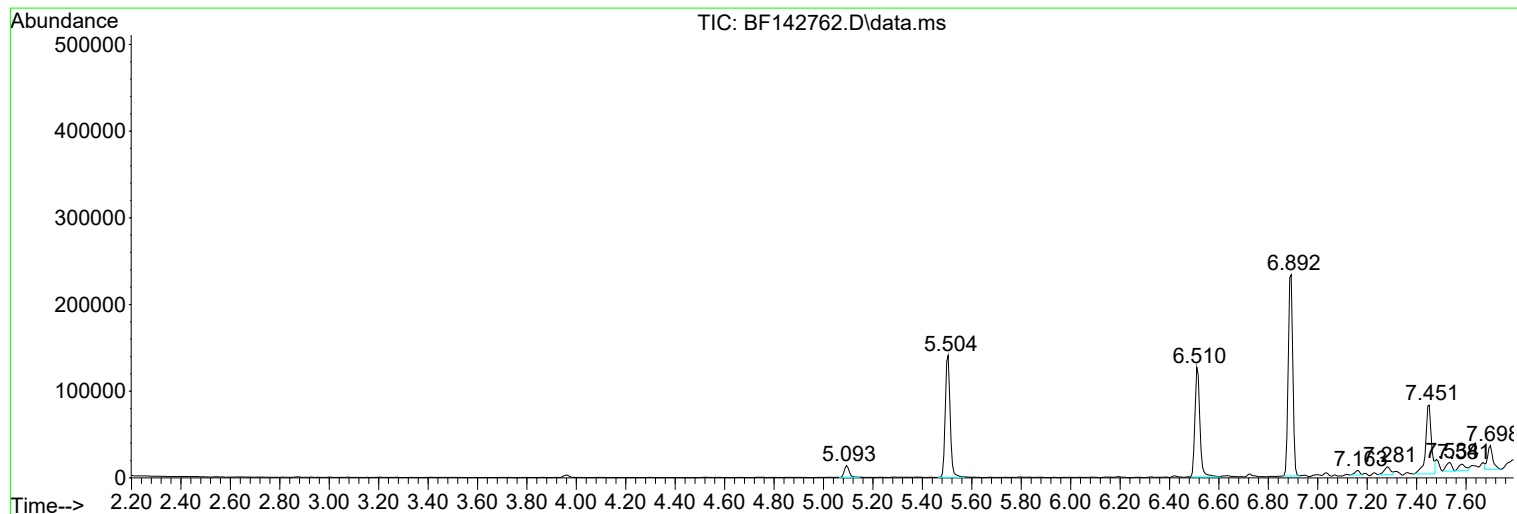
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.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 :
BNA_F
ClientSampleId :
HR-01-06042025

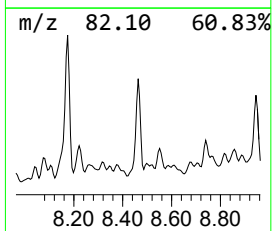
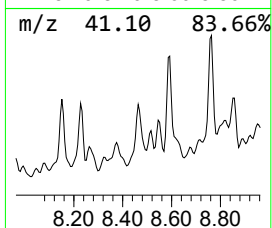
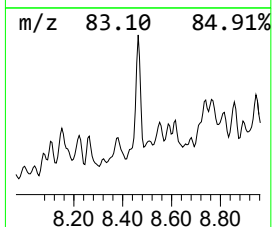
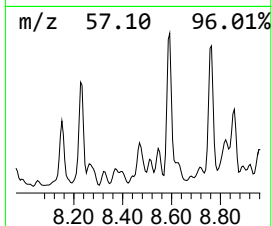
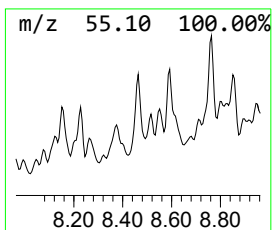
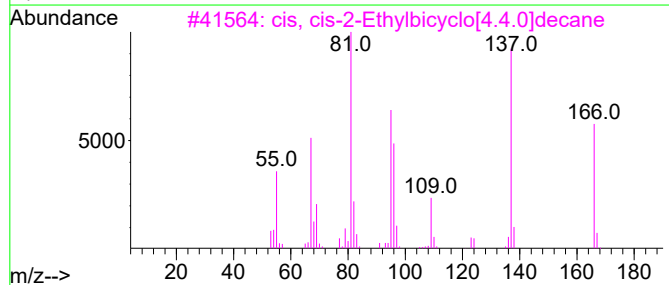
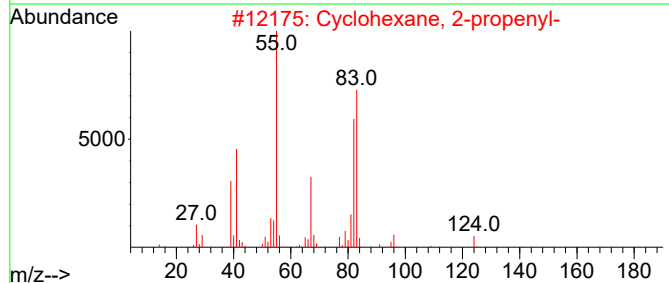
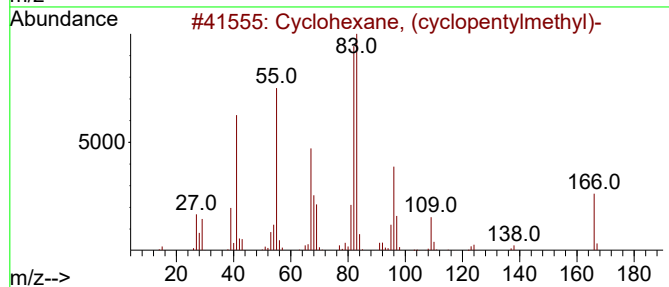
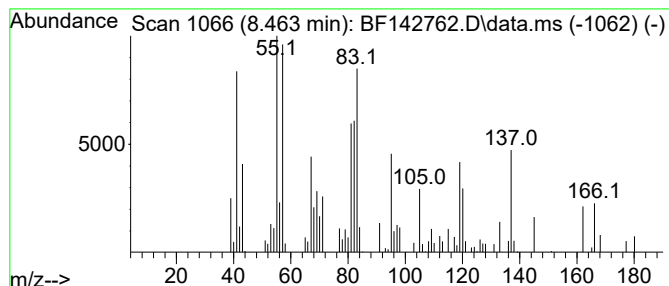
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, (cyclopentylme... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.463	4.56 ng	85541	Naphthalene-d8	8.175

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	50
2		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	46
3		cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	42
4		trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	38
5		(E)-6-Methylhept-4-en-1-ol	128	C8H16O	855901-81-4	38



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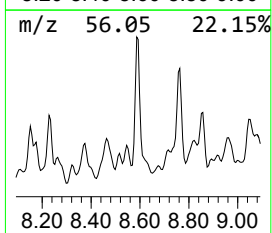
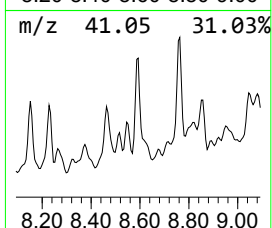
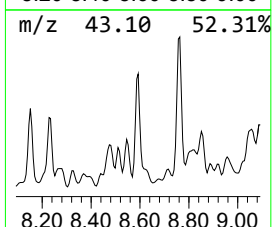
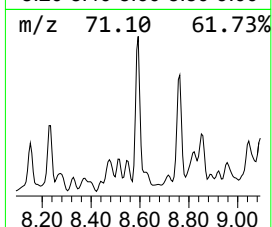
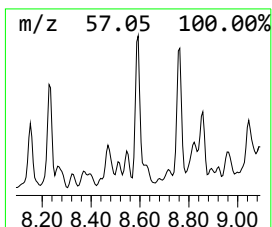
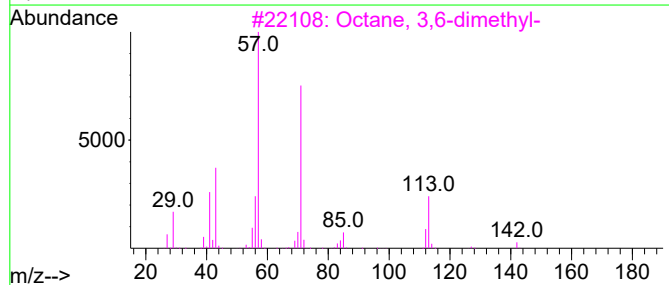
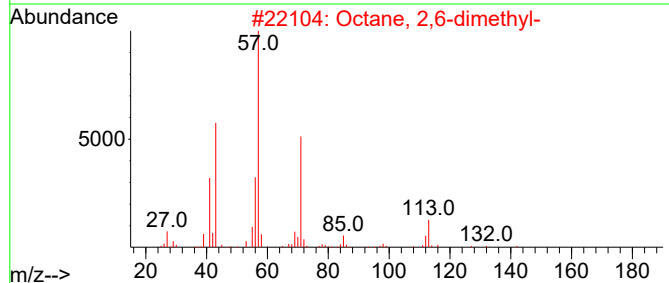
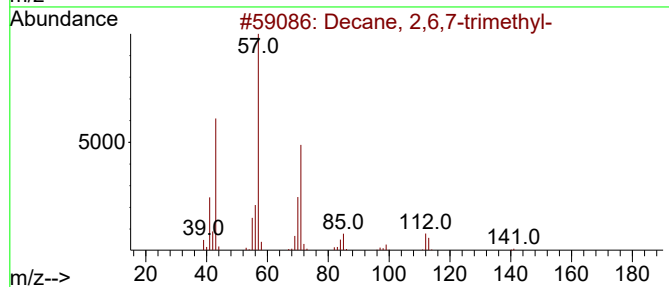
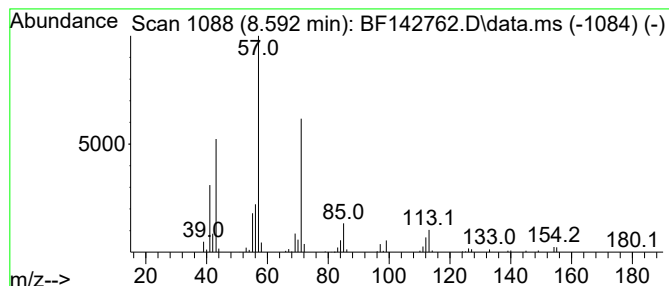
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane, 2,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.592	8.85 ng	165792	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
5			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



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Misc :
ALS Vial : 16 Sample Multiplier: 1

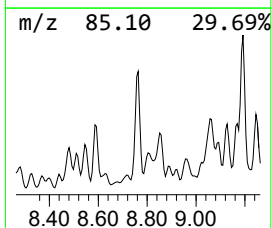
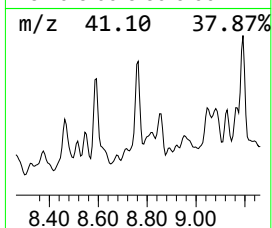
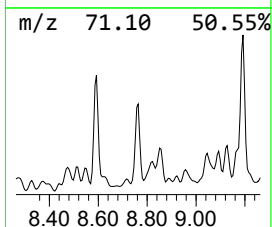
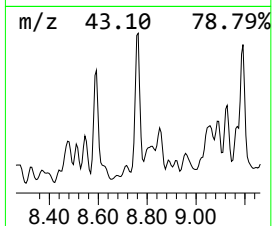
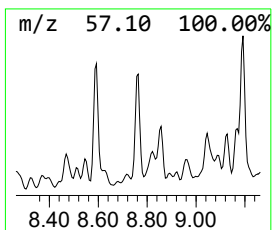
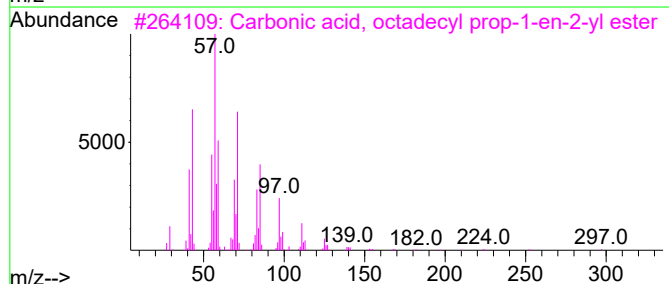
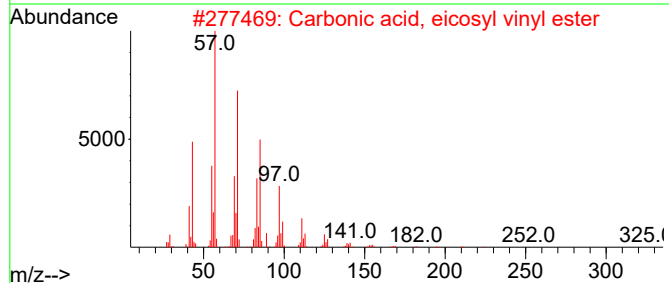
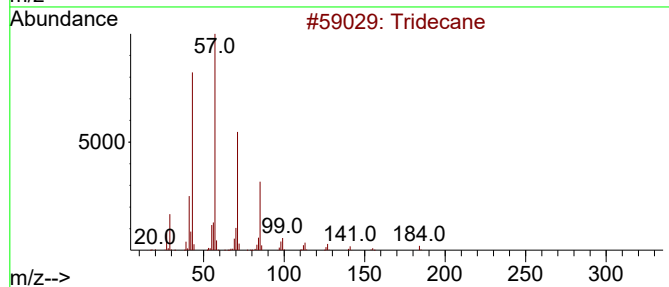
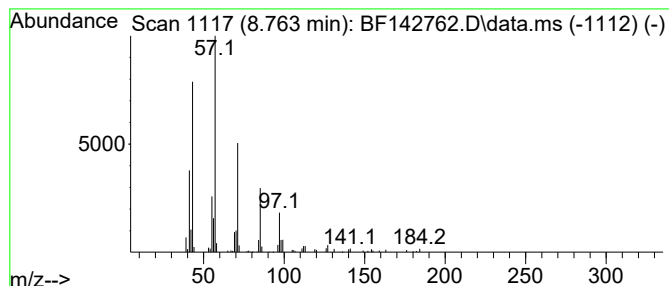
Instrument :
BNA_F
ClientSampleId :
HR-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.763	6.60 ng	123648	Naphthalene-d8	8.175	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane	170	C12H26	000112-40-3	80



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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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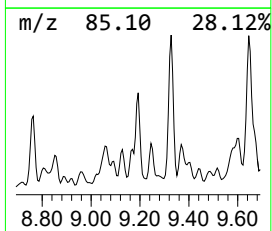
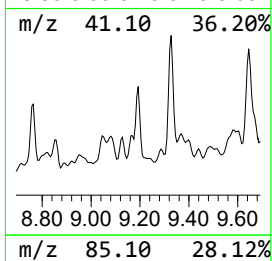
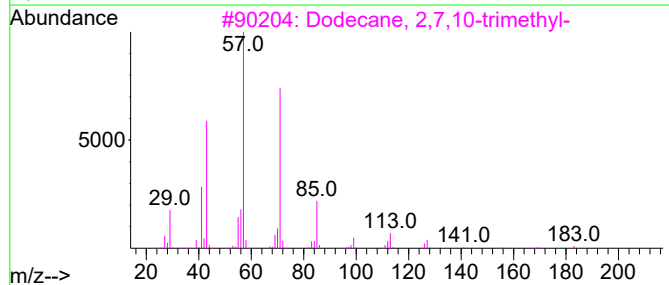
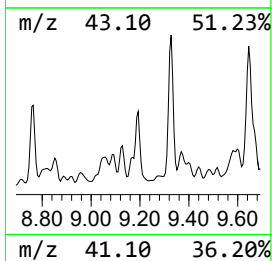
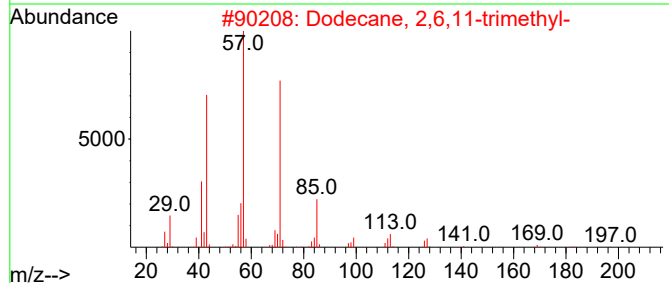
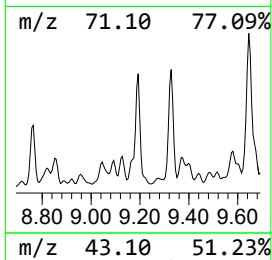
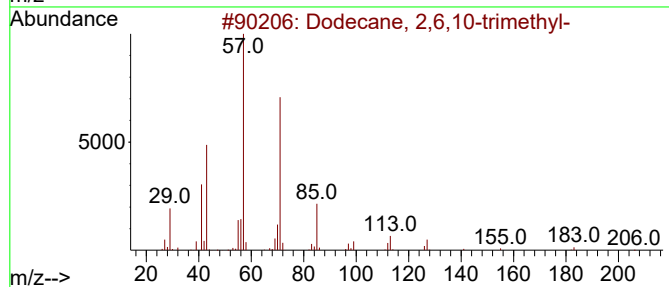
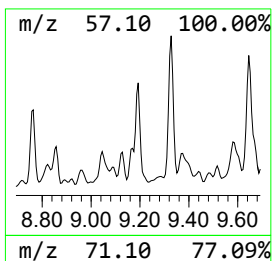
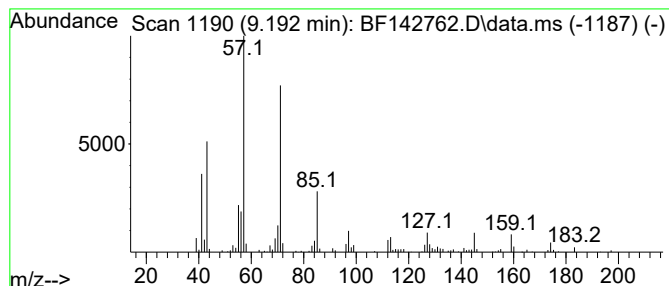
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	8.18 ng	132308	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	59
5			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50



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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-06042025

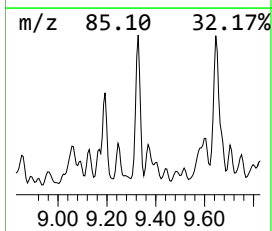
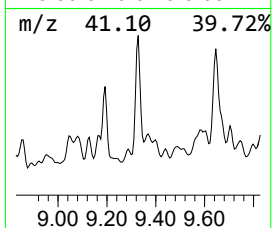
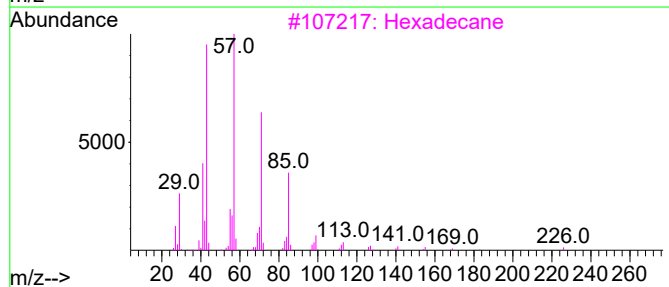
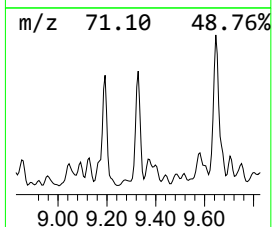
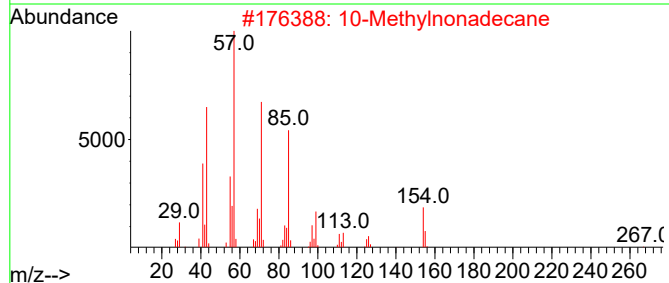
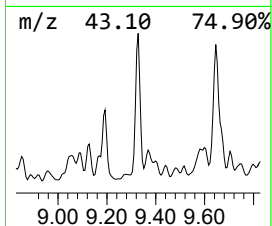
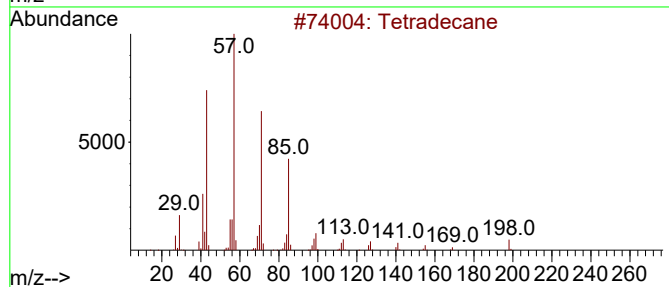
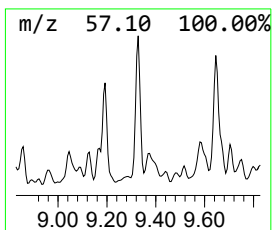
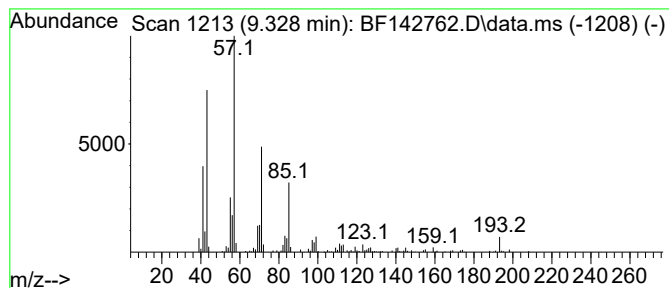
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	15.80 ng	255465	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			10-Methylnonadecane	282	C20H42	056862-62-5	83
3			Hexadecane	226	C16H34	000544-76-3	83
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
5			Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142762.D
Acq On : 12 Jun 2025 17:27
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-06042025

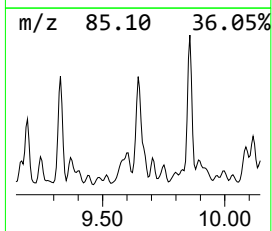
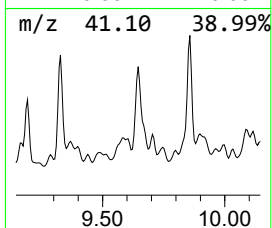
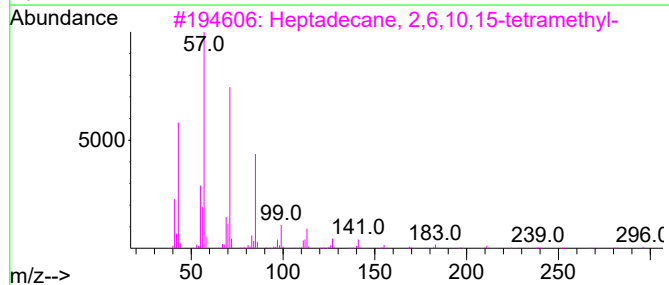
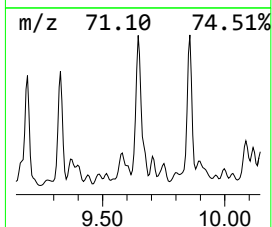
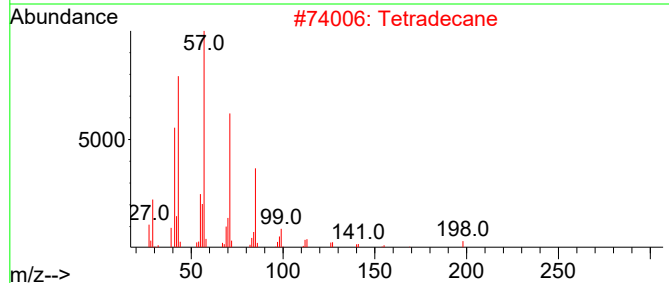
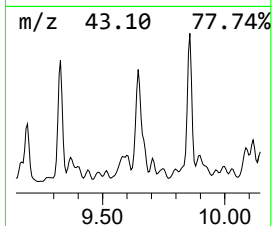
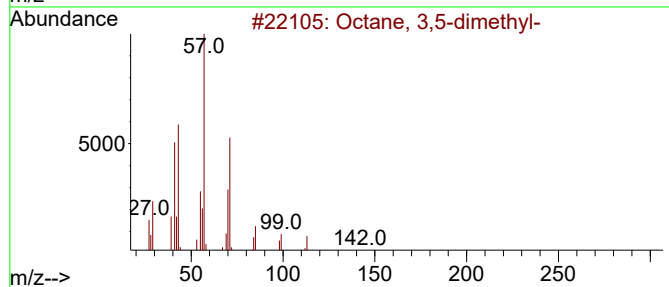
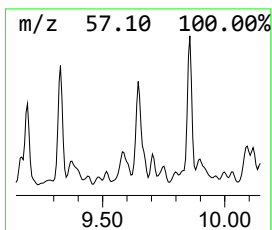
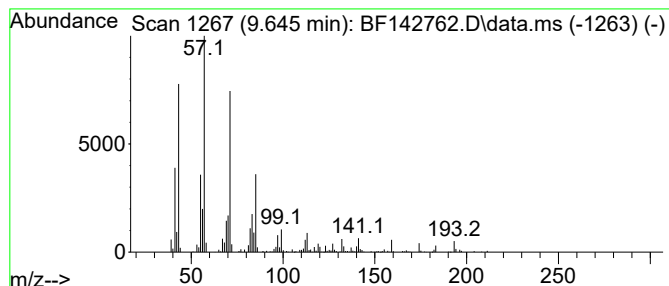
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	16.84 ng	272230	Acenaphthene-d10	9.928

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	87
2		Tetradecane	198	C14H30	000629-59-4	86
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80
5		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142762.D
Acq On : 12 Jun 2025 17:27
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Sample : Q2223-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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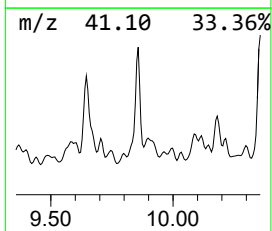
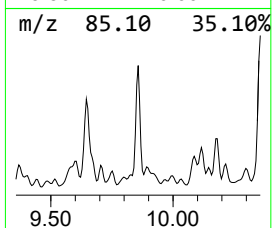
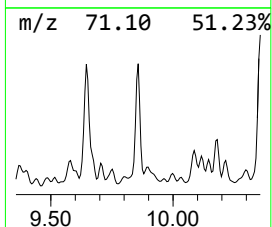
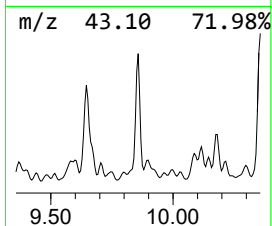
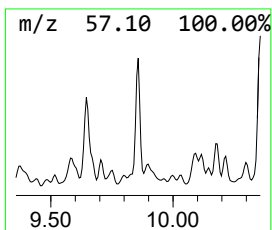
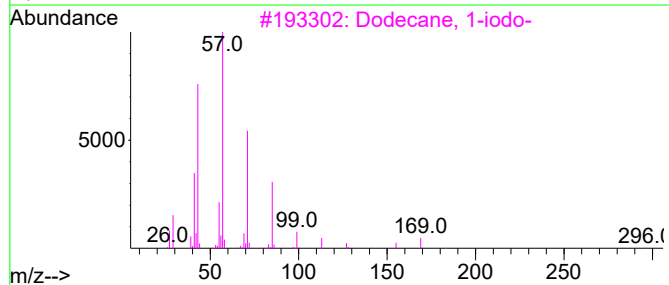
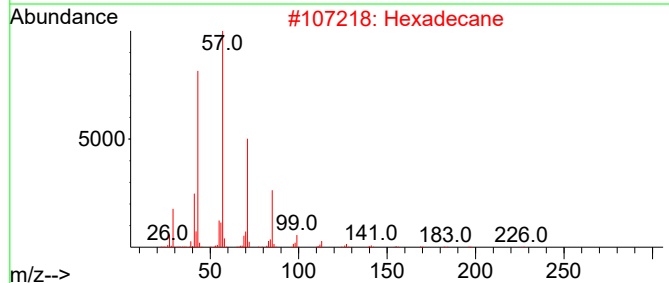
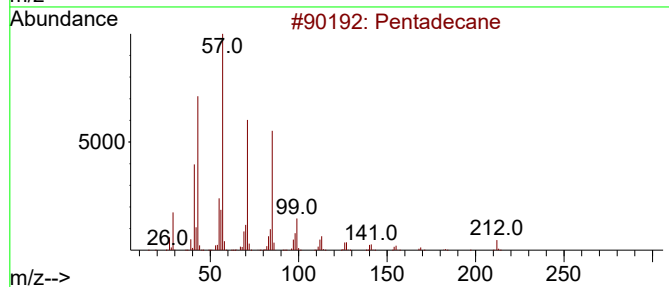
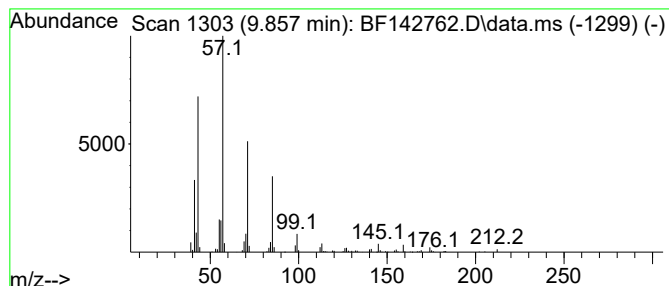
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.857	13.97 ng	225770	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Hexadecane	226	C16H34	000544-76-3	86
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4			Tetradecane	198	C14H30	000629-59-4	80
5			Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142762.D
Acq On : 12 Jun 2025 17:27
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
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Instrument :
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ClientSampleId :
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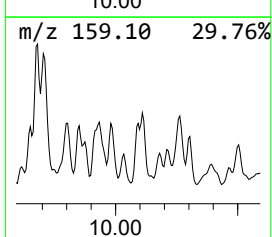
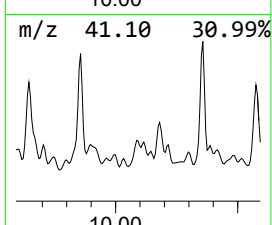
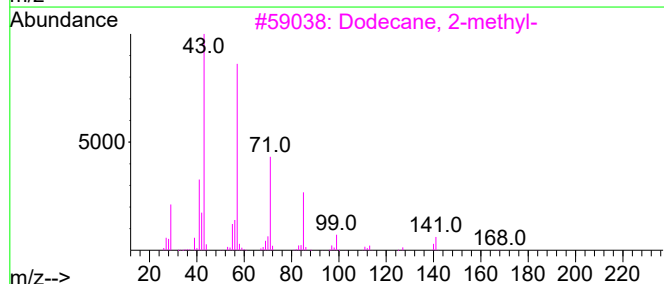
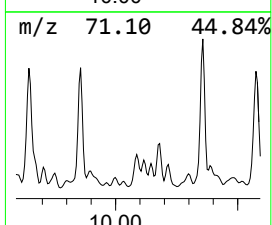
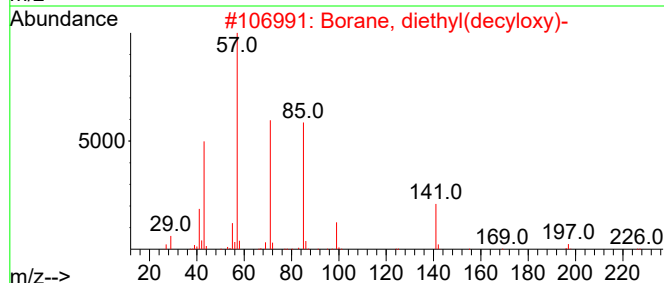
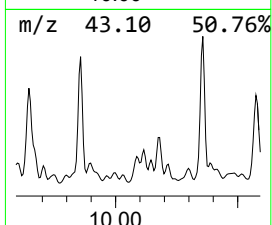
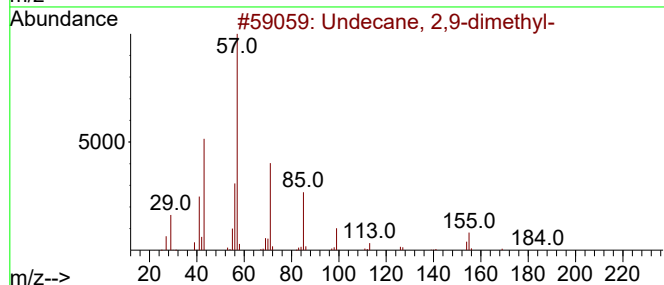
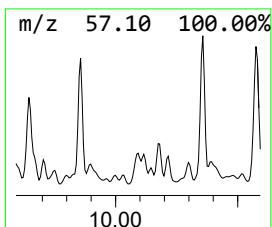
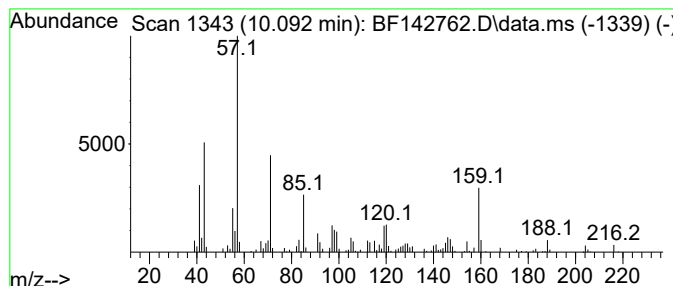
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.092 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	4.30 ng	69560	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	47
2			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	43
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	43
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	43
5			Octacosane	394	C28H58	000630-02-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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Misc :
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Instrument :
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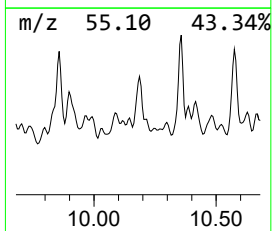
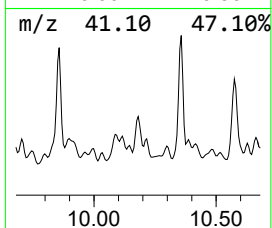
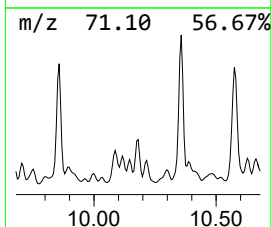
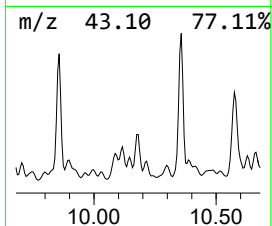
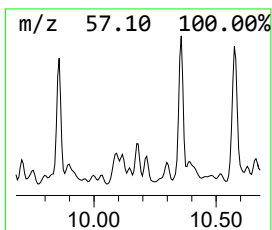
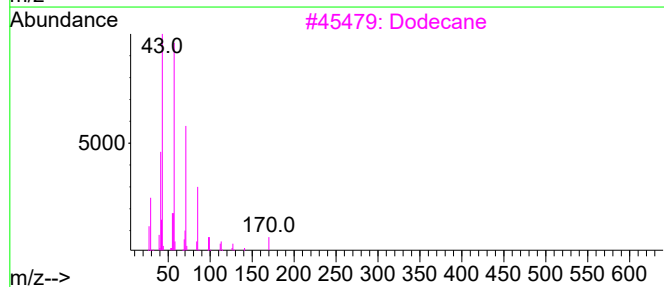
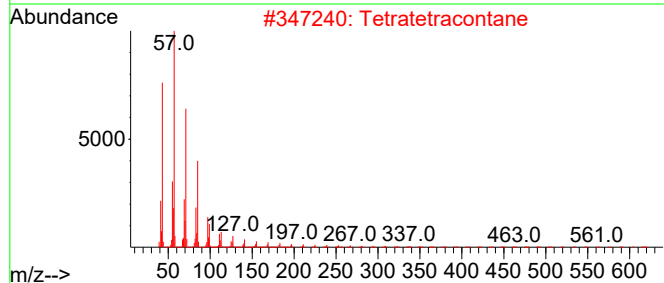
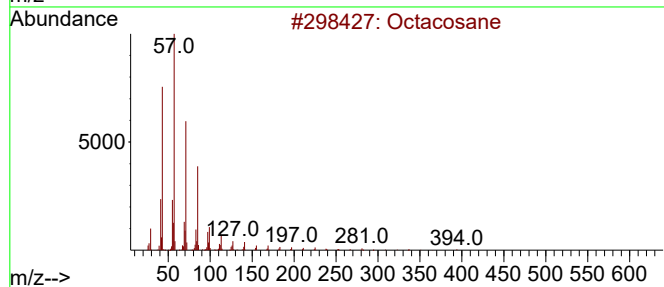
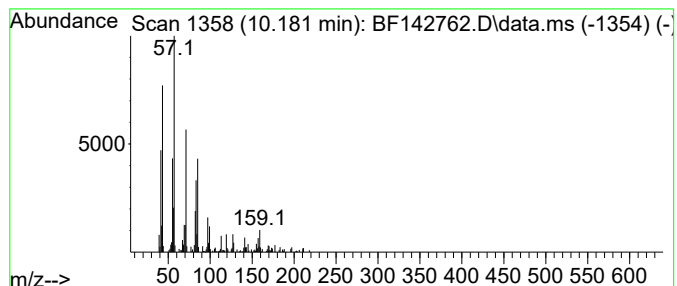
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.181	7.54 ng	121827	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	81
2			Tetratetracontane	619	C44H90	007098-22-8	80
3			Dodecane	170	C12H26	000112-40-3	76
4			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	74
5			Hexatriacontane	507	C36H74	000630-06-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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ClientSampleId :
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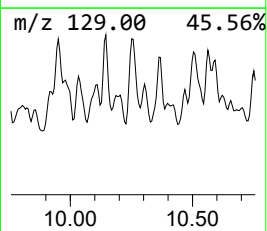
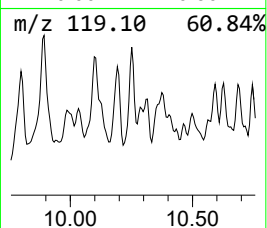
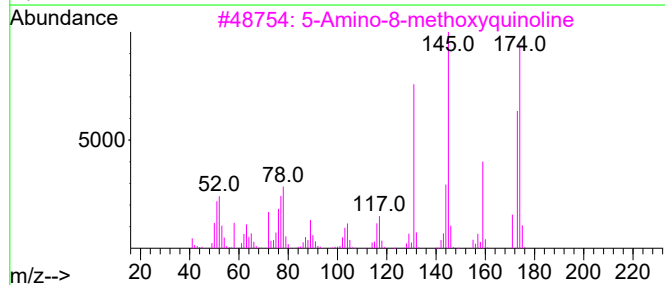
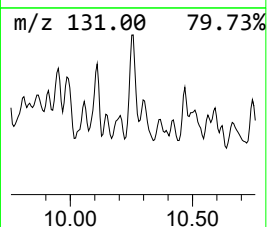
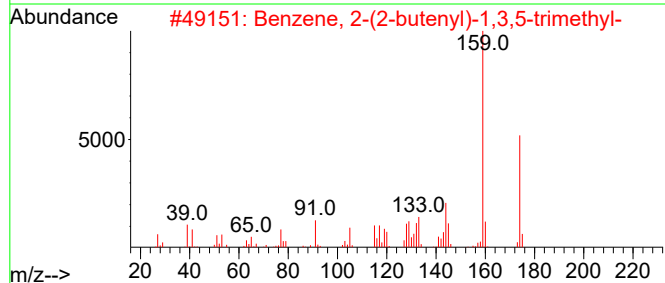
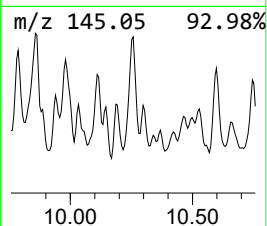
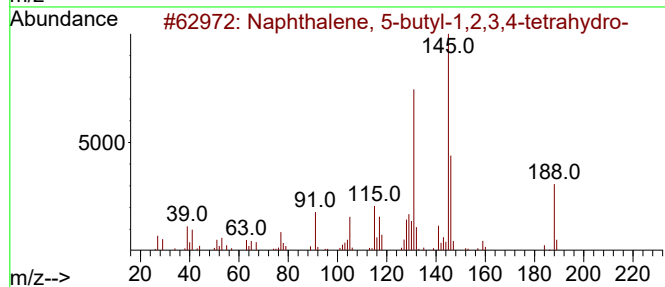
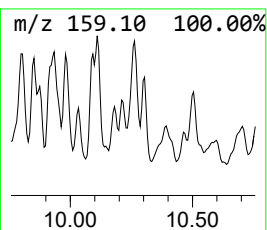
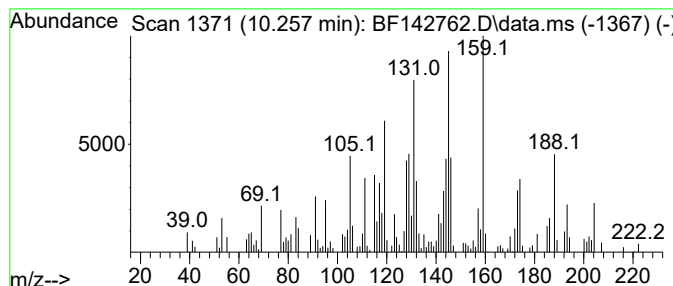
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 5-butyl-1,2,3,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	4.21 ng	68064	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 5-butyl-1,2,3,4-tet...	188	C14H20	066325-42-6	50
2			Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	41
3			5-Amino-8-methoxyquinoline	174	C10H10N2O	070945-35-6	38
4			Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	30
5			1H-Pyrrolo[2,3-b]pyridine, 2-ethyl-	146	C9H10N2	023612-49-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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ALS Vial : 16 Sample Multiplier: 1

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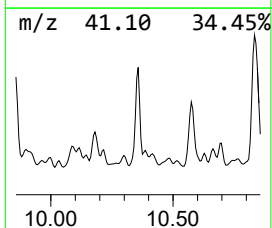
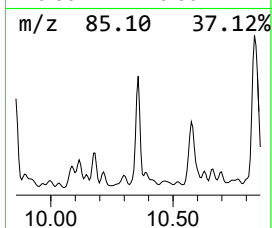
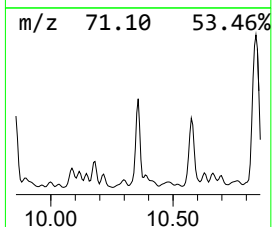
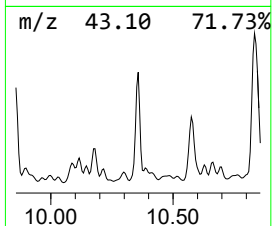
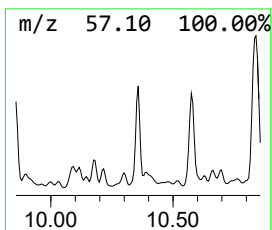
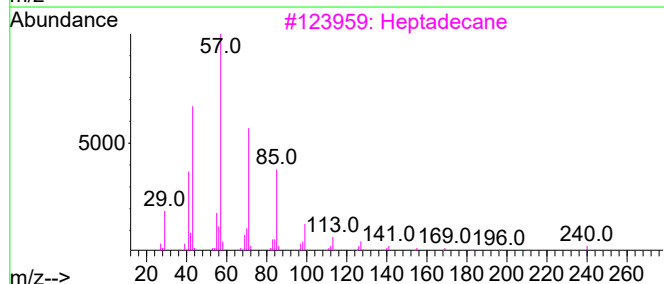
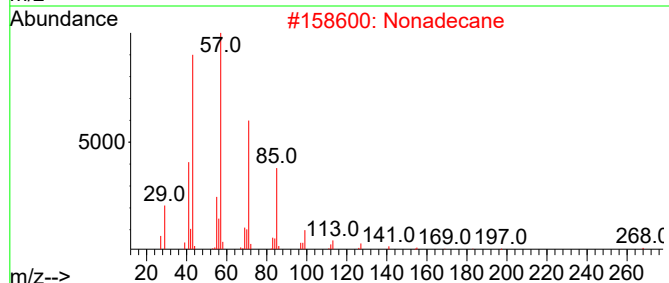
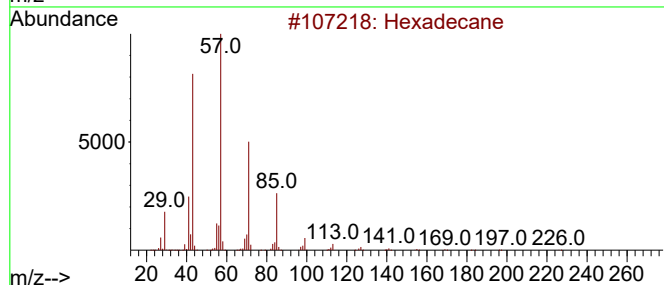
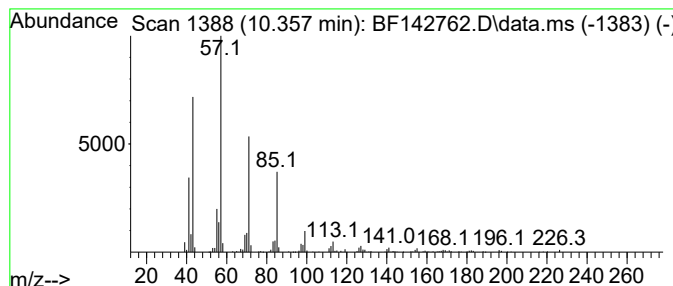
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	20.03 ng	323836	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Eicosane	282	C20H42	000112-95-8	90
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142762.D
Acq On : 12 Jun 2025 17:27
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
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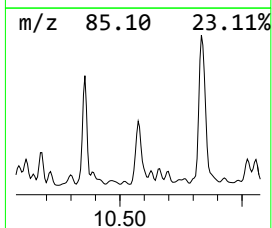
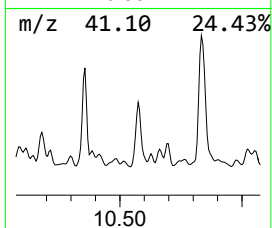
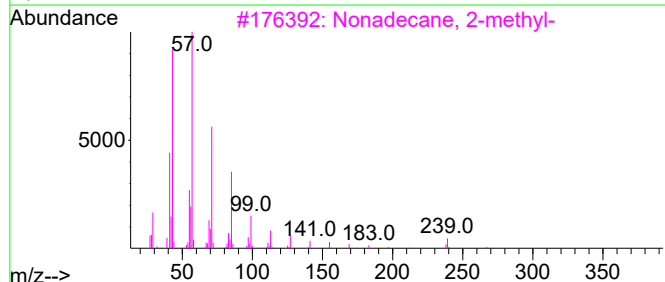
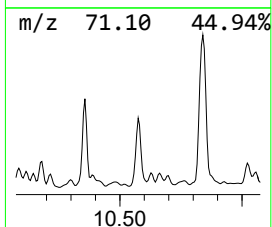
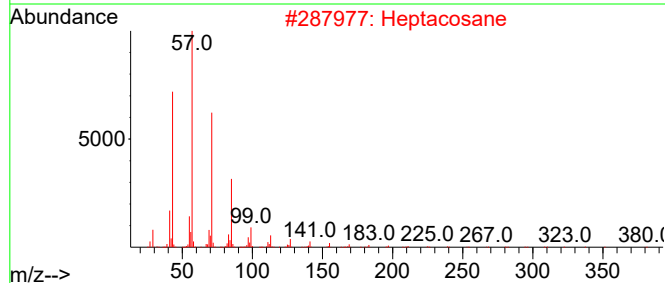
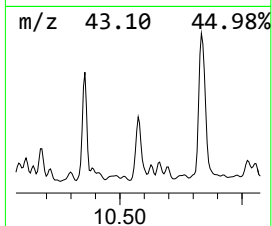
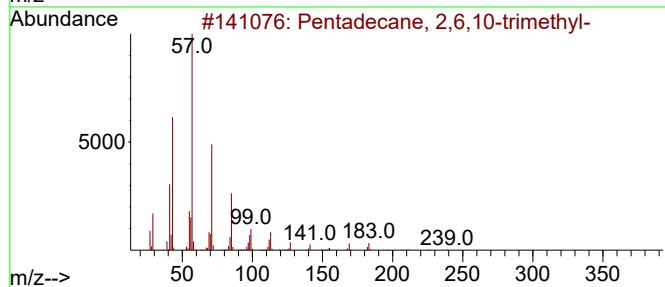
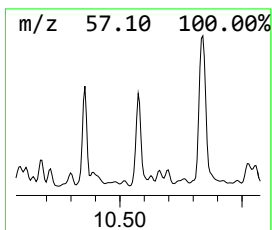
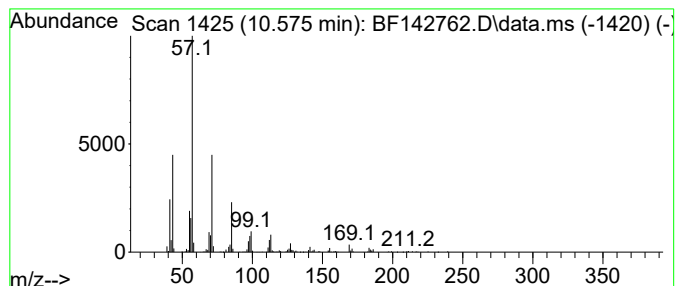
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ClientSampleId :
HR-01-06042025

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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 Pentadecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.575	20.56 ng	332308	Acenaphthene-d10	9.928	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142762.D
Acq On : 12 Jun 2025 17:27
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

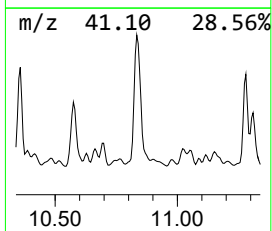
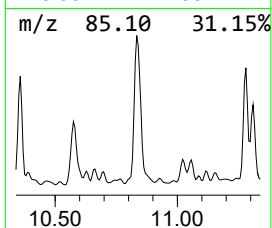
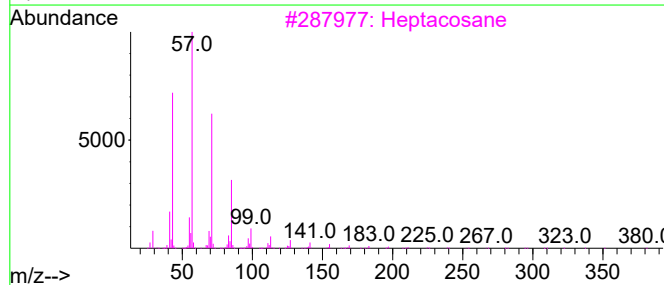
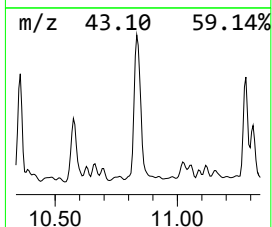
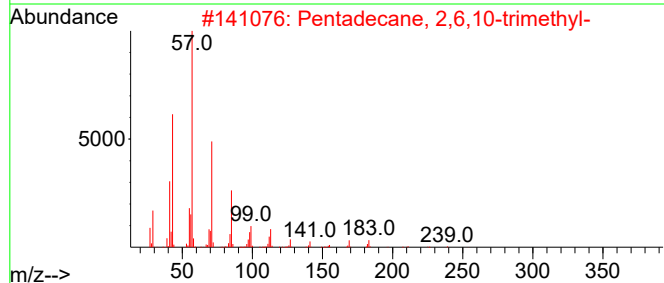
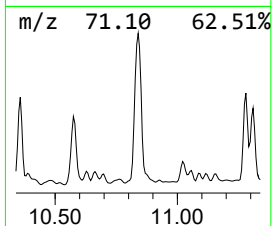
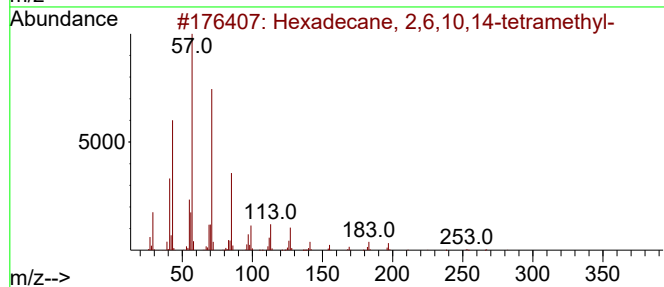
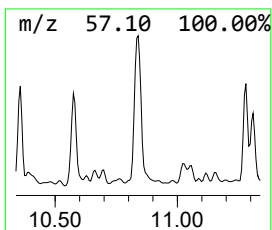
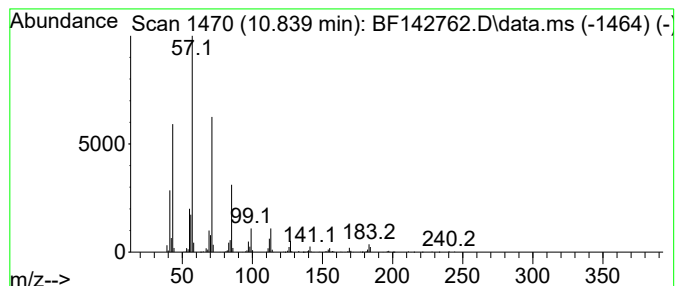
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.839	37.93 ng	671953	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	90
2	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	90
3	Heptacosane		380	C27H56	000593-49-7	86
4	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	86
5	Heneicosane		296	C21H44	000629-94-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142762.D
Acq On : 12 Jun 2025 17:27
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-06042025

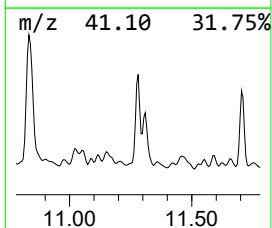
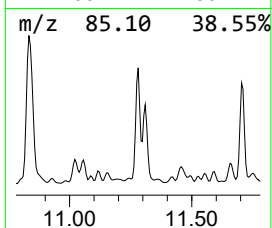
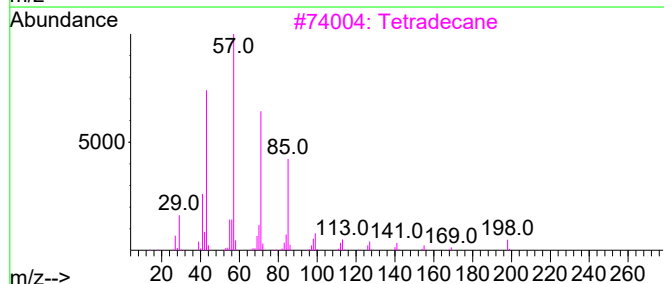
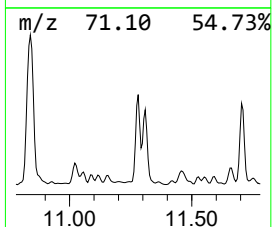
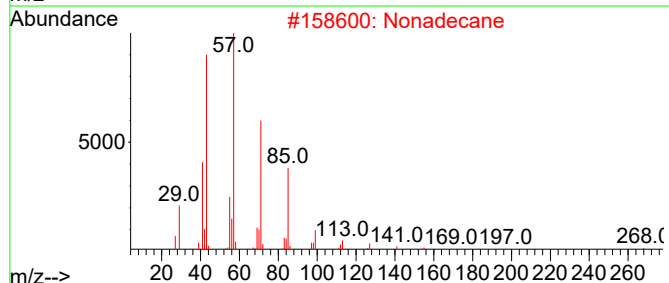
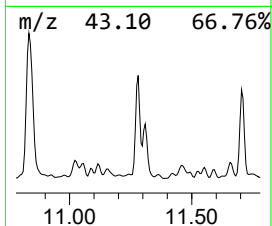
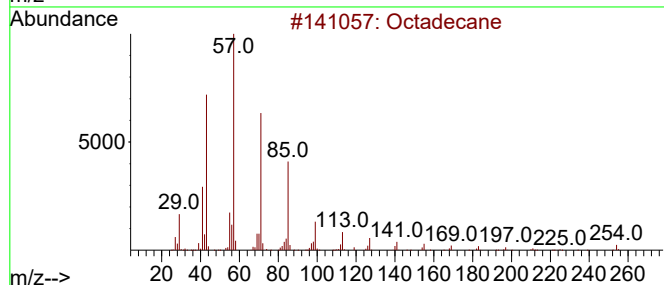
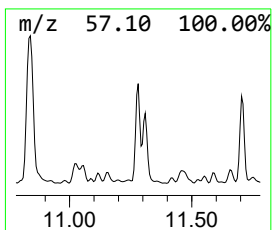
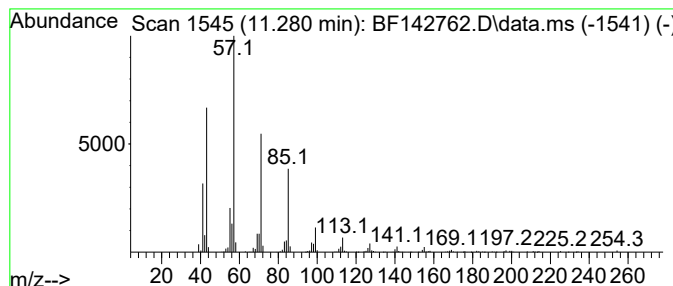
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	16.86 ng	298682	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	97
2		Nonadecane	268	C19H40	000629-92-5	91
3		Tetradecane	198	C14H30	000629-59-4	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142762.D
Acq On : 12 Jun 2025 17:27
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
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Instrument :
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ClientSampleId :
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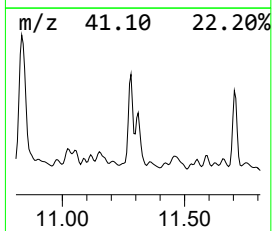
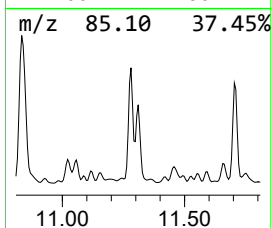
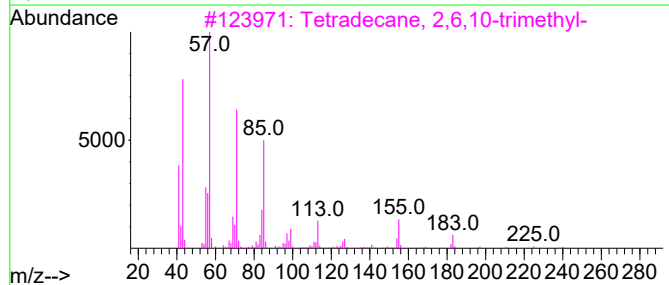
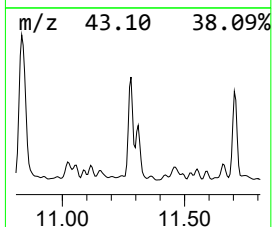
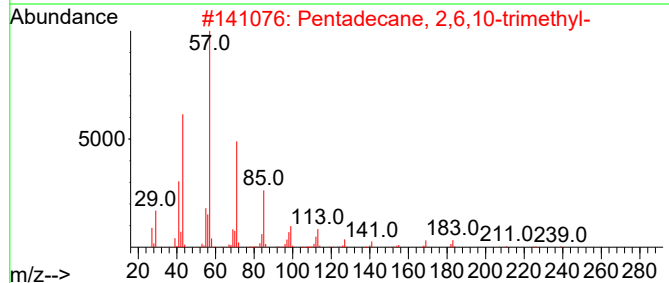
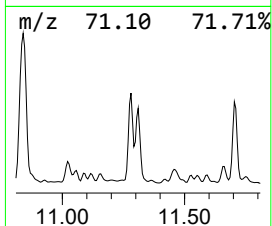
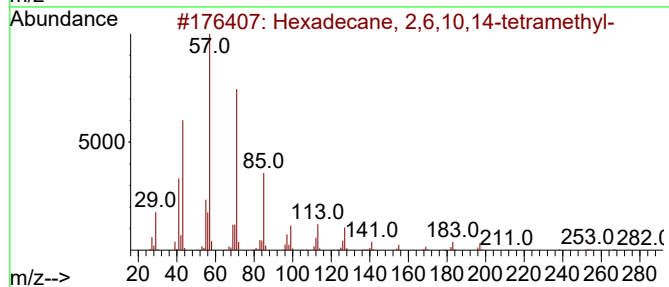
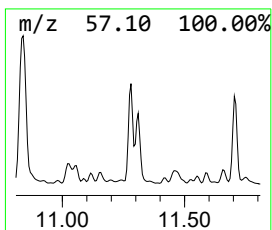
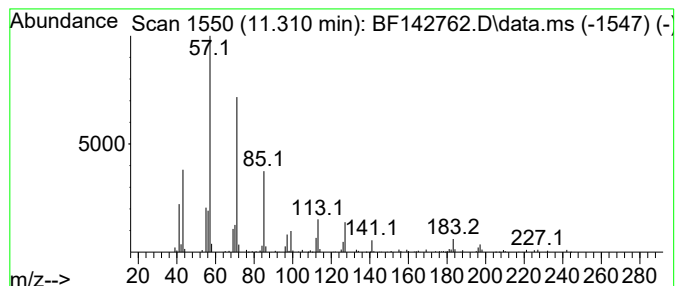
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	14.53 ng	257369	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
3			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5			Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142762.D
Acq On : 12 Jun 2025 17:27
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Sample : Q2223-01 5X
Misc :
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Instrument :
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ClientSampleId :
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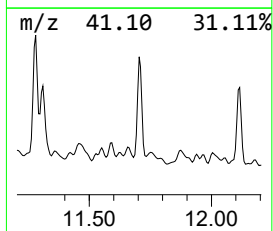
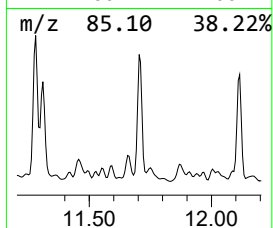
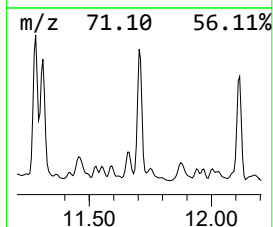
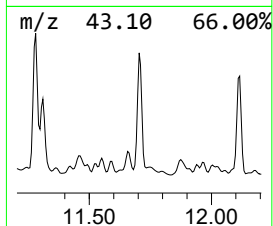
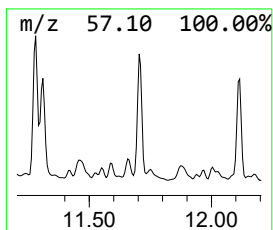
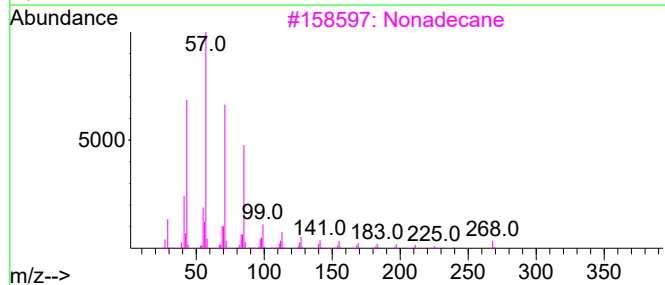
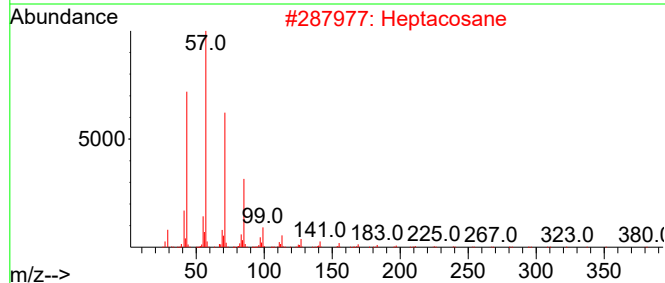
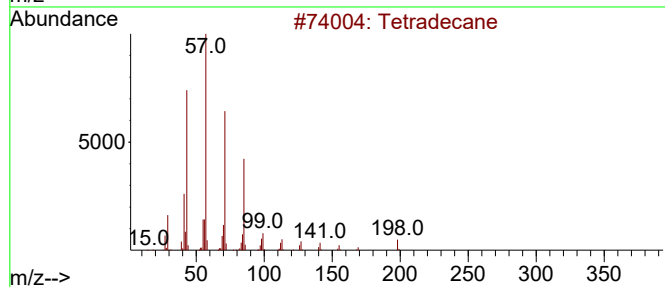
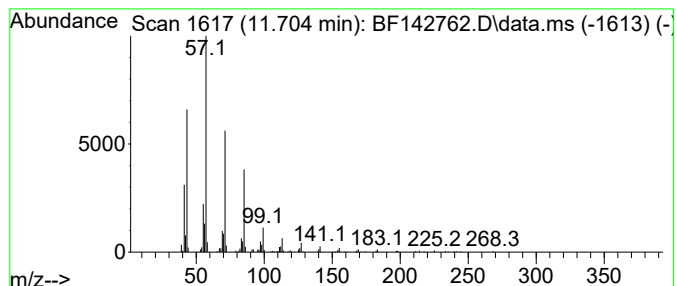
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	14.60 ng	258571	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Heptadecane	240	C17H36	000629-78-7	91
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142762.D
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Sample : Q2223-01 5X
Misc :
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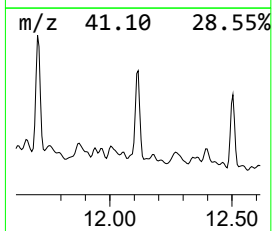
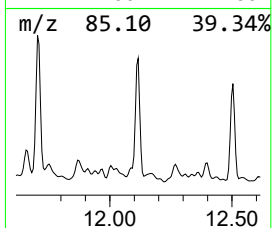
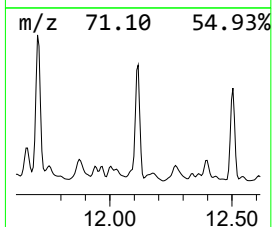
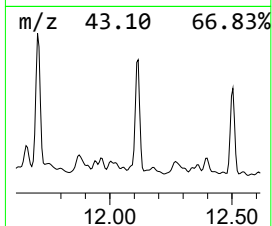
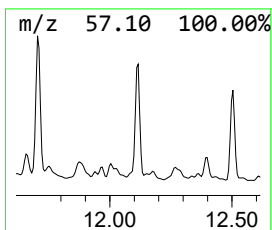
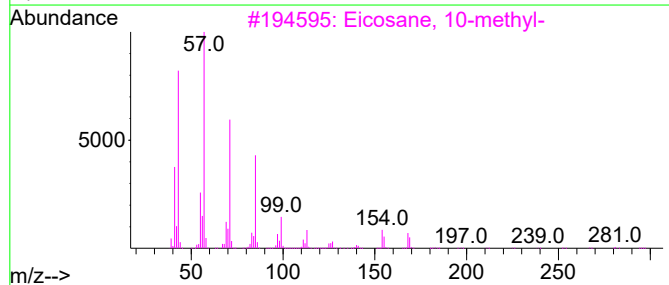
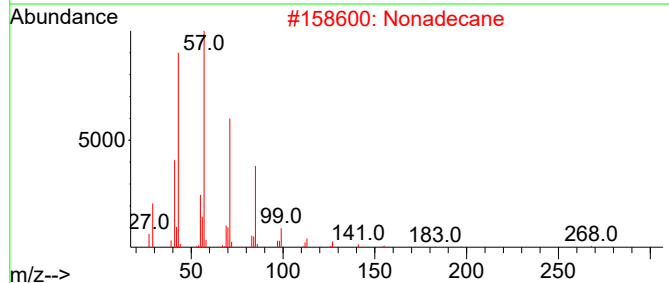
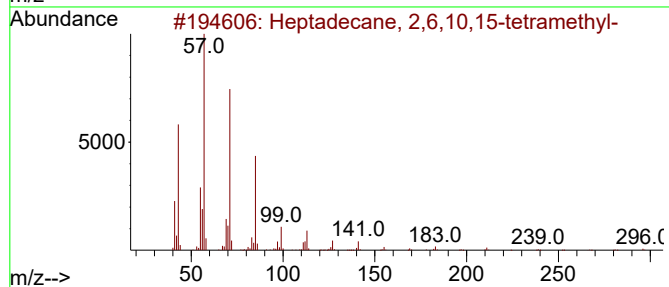
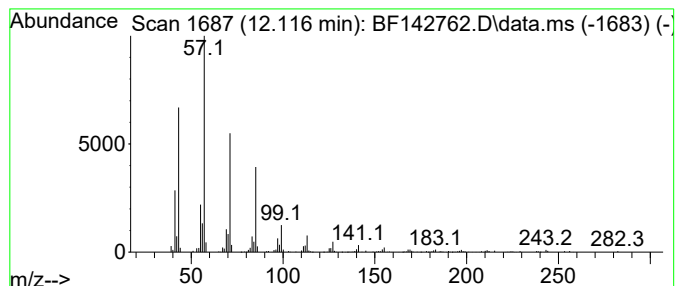
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.116	12.38 ng	219275	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	91
2	Nonadecane		268	C19H40	000629-92-5	91
3	Eicosane, 10-methyl-		296	C21H44	054833-23-7	91
4	Eicosane		282	C20H42	000112-95-8	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142762.D
Acq On : 12 Jun 2025 17:27
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-01-06042025

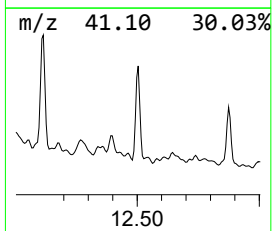
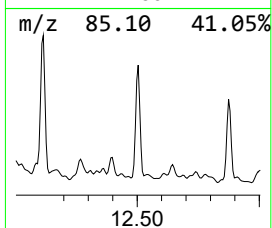
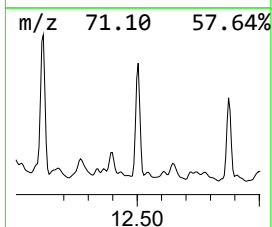
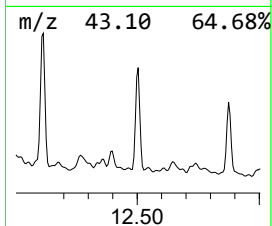
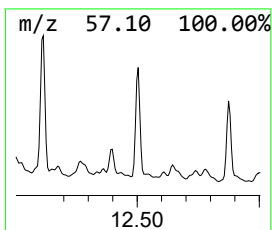
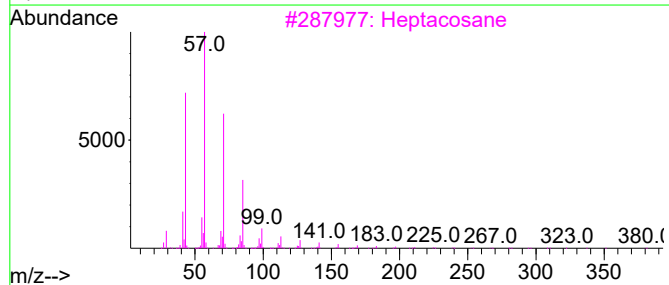
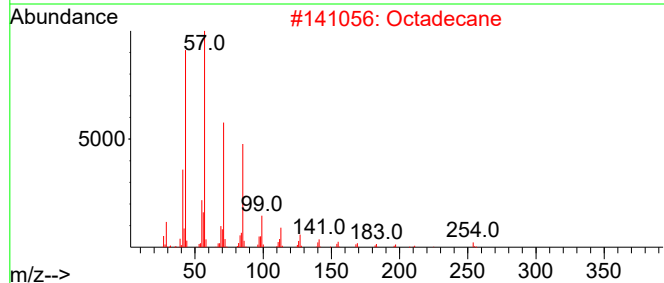
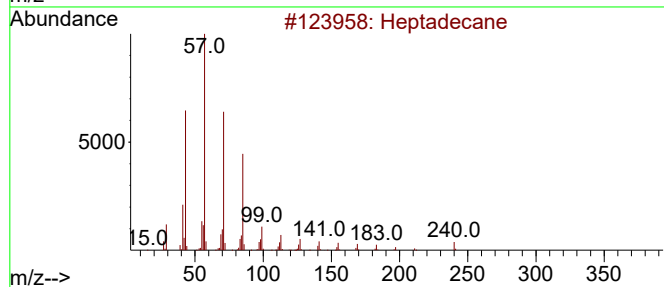
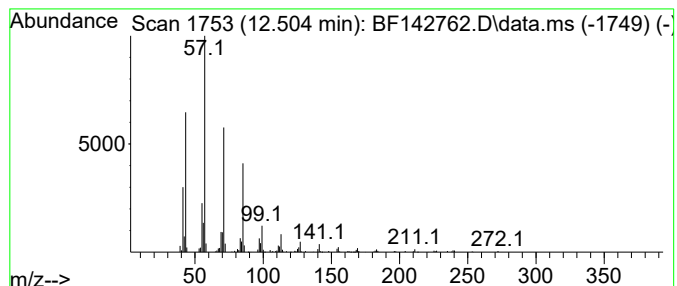
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	10.57 ng	187155	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	94
2		Octadecane	254	C18H38	000593-45-3	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142762.D
Acq On : 12 Jun 2025 17:27
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

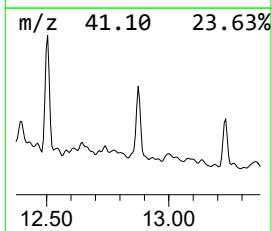
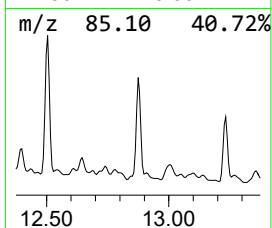
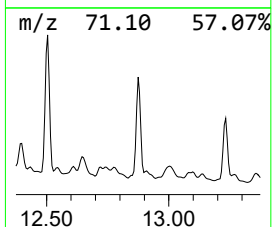
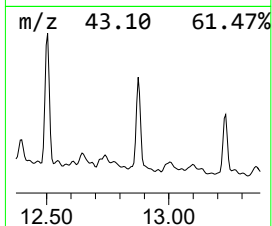
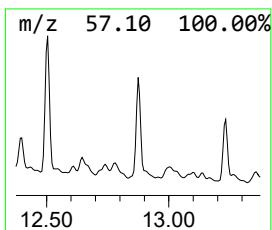
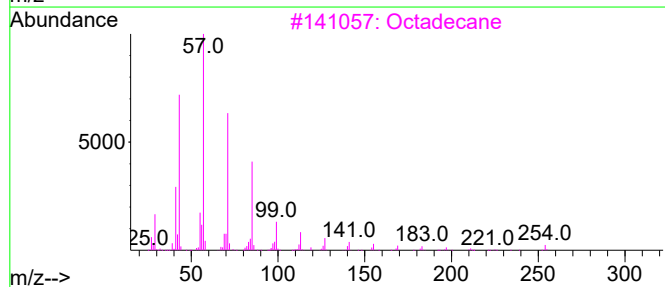
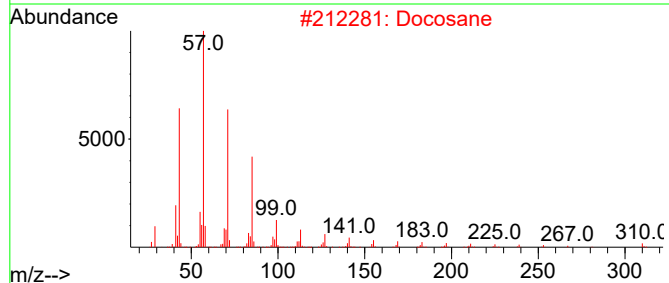
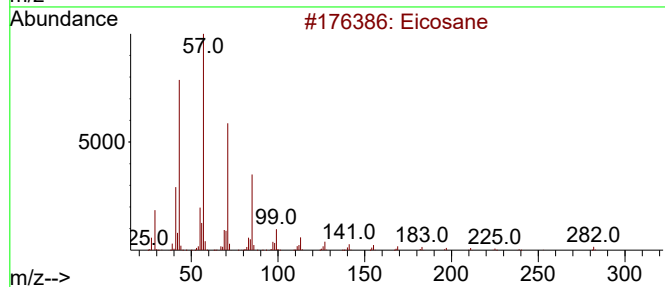
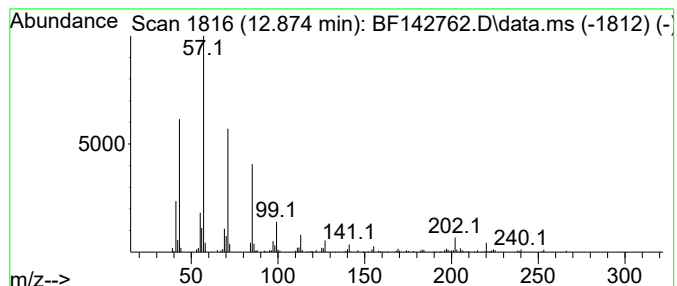
Instrument :
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ClientSampleId :
HR-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
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 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.874	6.84 ng	136967	Chrysene-d12		14.063	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	87
2	Docosane		310	C22H46	000629-97-0	83
3	Octadecane		254	C18H38	000593-45-3	83
4	Hexadecane		226	C16H34	000544-76-3	83
5	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142762.D
Acq On : 12 Jun 2025 17:27
Operator : RC/JU
Sample : Q2223-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

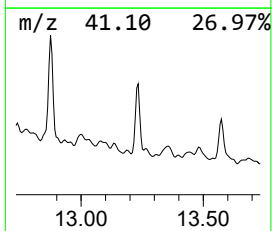
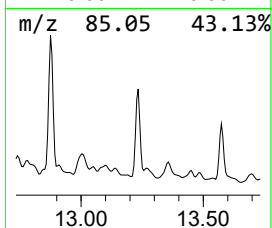
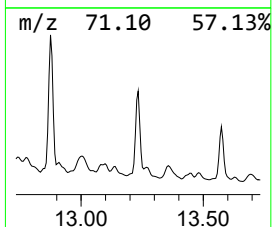
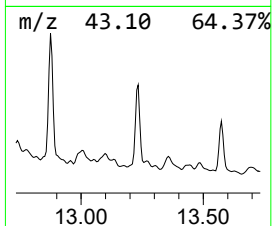
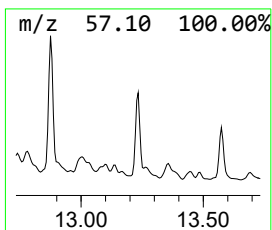
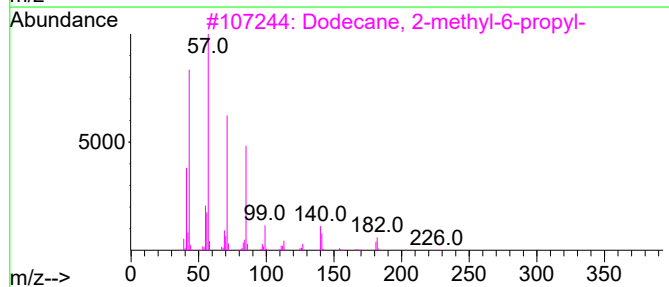
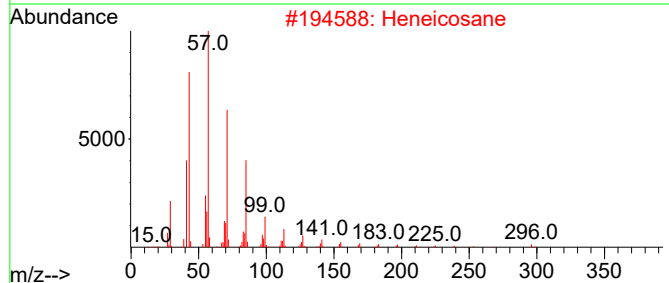
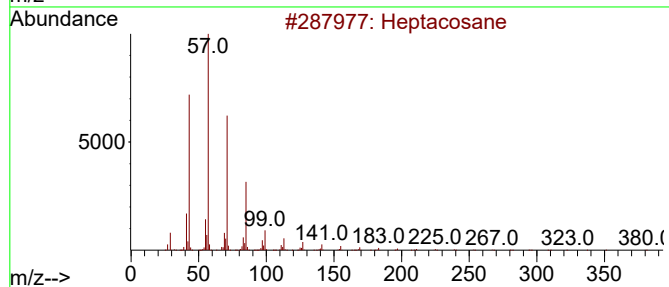
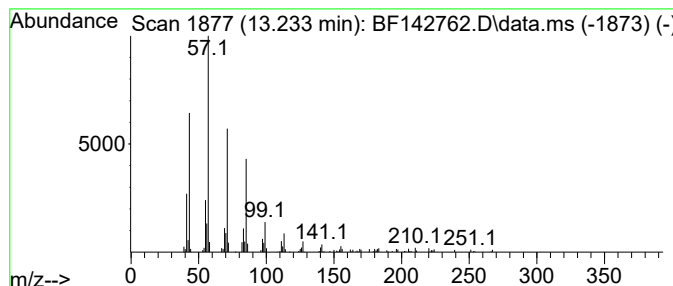
Instrument :
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ClientSampleId :
HR-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.233	4.43 ng	88643	Chrysene-d12		14.063	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	87
2	Heneicosane		296	C21H44	000629-94-7	87
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	87
4	Octadecane		254	C18H38	000593-45-3	87
5	Pentadecane		212	C15H32	000629-62-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142762.D
 Acq On : 12 Jun 2025 17:27
 Operator : RC/JU
 Sample : Q2223-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-06042025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.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
Cyclohexane, (c...	8.463	4.6	ng	85541	2	8.175	374848	20.0
Decane, 2,6,7-t...	8.592	8.8	ng	165792	2	8.175	374848	20.0
Tridecane	8.763	6.6	ng	123648	2	8.175	374848	20.0
Dodecane, 2,6,1...	9.192	8.2	ng	132308	3	9.928	323320	20.0
Tetradecane	9.328	15.8	ng	255465	3	9.928	323320	20.0
Octane, 3,5-dim...	9.645	16.8	ng	272230	3	9.928	323320	20.0
Pentadecane	9.857	14.0	ng	225770	3	9.928	323320	20.0
unknown10.092	10.092	4.3	ng	69560	3	9.928	323320	20.0
Octacosane	10.181	7.5	ng	121827	3	9.928	323320	20.0
Naphthalene, 5-...	10.257	4.2	ng	68064	3	9.928	323320	20.0
Hexadecane	10.357	20.0	ng	323836	3	9.928	323320	20.0
Pentadecane, 2,...	10.575	20.6	ng	332308	3	9.928	323320	20.0
Hexadecane, 2,6...	10.839	37.9	ng	671953	4	11.422	354278	20.0
Octadecane	11.280	16.9	ng	298682	4	11.422	354278	20.0
Tetradecane, 2,...	11.310	14.5	ng	257369	4	11.422	354278	20.0
Heptacosane	11.704	14.6	ng	258571	4	11.422	354278	20.0
Heptadecane, 2,...	12.116	12.4	ng	219275	4	11.422	354278	20.0
Heptadecane	12.504	10.6	ng	187155	4	11.422	354278	20.0
Eicosane	12.874	6.8	ng	136967	5	14.063	400240	20.0
Heneicosane	13.233	4.4	ng	88643	5	14.063	400240	20.0