

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142765.D
 Acq On : 12 Jun 2025 18:57
 Operator : RC/JU
 Sample : Q2225-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-06042025

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: BF142765.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	499	rBV	16363	22658	3.66%	0.331%
2	5.504	558	563	582	rVB	173654	231907	37.45%	3.385%
3	6.140	666	671	677	rBV3	3987	7363	1.19%	0.107%
4	6.422	716	719	725	rBV2	5672	8332	1.35%	0.122%
5	6.516	730	735	742	rBV	146242	197994	31.97%	2.890%
6	6.628	750	754	759	rBV4	3663	6853	1.11%	0.100%
7	6.722	766	770	778	rBV2	14905	21144	3.41%	0.309%
8	6.892	794	799	804	rVB	211459	265349	42.85%	3.873%
9	7.004	811	818	820	rBV4	4142	8228	1.33%	0.120%
10	7.034	820	823	827	rVB3	8751	11103	1.79%	0.162%
11	7.163	840	845	848	rBV2	11372	15211	2.46%	0.222%
12	7.228	853	856	860	rVB3	5636	7132	1.15%	0.104%
13	7.281	860	865	869	rBV2	12153	21283	3.44%	0.311%
14	7.316	869	871	876	rVB3	5478	7612	1.23%	0.111%
15	7.369	876	880	883	rBV4	3597	6408	1.03%	0.094%
16	7.451	883	894	897	rBV	95410	150408	24.29%	2.195%
17	7.481	897	899	903	rVB	38334	45156	7.29%	0.659%
18	7.534	903	908	912	rVB4	13741	21232	3.43%	0.310%
19	7.592	912	918	922	rBV4	7252	16561	2.67%	0.242%
20	7.669	928	931	933	rBV2	6901	7776	1.26%	0.114%
21	7.698	933	936	943	rVB5	14591	22093	3.57%	0.322%
22	7.792	944	952	953	rBV5	11294	20658	3.34%	0.302%
23	7.816	953	956	959	rVV3	10886	14266	2.30%	0.208%
24	7.851	959	962	965	rVB2	7915	9494	1.53%	0.139%
25	7.887	965	968	970	rBV3	8692	8492	1.37%	0.124%
26	7.922	970	974	979	rVV4	12030	17082	2.76%	0.249%
27	7.963	979	981	983	rVV2	7087	6628	1.07%	0.097%
28	7.992	983	986	992	rVB5	8002	13125	2.12%	0.192%
29	8.045	992	995	998	rBV2	9789	12238	1.98%	0.179%
30	8.122	1003	1008	1009	rBV4	7532	10393	1.68%	0.152%
31	8.175	1009	1017	1023	rVV	230190	386391	62.39%	5.640%
32	8.228	1023	1026	1030	rVV2	36588	47989	7.75%	0.700%
33	8.263	1030	1032	1039	rVB3	12554	18427	2.98%	0.269%
34	8.328	1039	1043	1044	rBV3	7060	8675	1.40%	0.127%
35	8.375	1048	1051	1056	rVB2	13484	17970	2.90%	0.262%
36	8.463	1062	1066	1071	rBV5	23207	34052	5.50%	0.497%

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37	8.516	1072	1075	1078	rBV3	7452	9424	1.52%	0.138%
38	8.551	1078	1081	1084	rVB4	10193	12642	2.04%	0.185%
39	8.592	1084	1088	1091	rBV	32042	41011	6.62%	0.599%
40	8.681	1099	1103	1106	rBV	14535	19139	3.09%	0.279%
41	8.716	1106	1109	1112	rVV2	6338	8490	1.37%	0.124%
42	8.763	1113	1117	1121	rVV	49305	61427	9.92%	0.897%
43	8.922	1141	1144	1147	rBV3	6037	7784	1.26%	0.114%
44	8.992	1153	1156	1161	rBV3	18684	23650	3.82%	0.345%
45	9.122	1175	1178	1183	rVB4	13461	19447	3.14%	0.284%
46	9.169	1183	1186	1187	rBV	6844	7662	1.24%	0.112%
47	9.192	1187	1190	1195	rVB2	32820	41116	6.64%	0.600%
48	9.245	1195	1199	1204	rBV	202182	255926	41.32%	3.736%
49	9.328	1209	1213	1217	rBV	59425	78434	12.66%	1.145%
50	9.398	1222	1225	1230	rVB2	16981	21617	3.49%	0.316%
51	9.569	1250	1254	1258	rBV6	11298	24916	4.02%	0.364%
52	9.645	1263	1267	1270	rBV3	38657	53414	8.62%	0.780%
53	9.704	1275	1277	1282	rVB4	15671	19393	3.13%	0.283%
54	9.798	1289	1293	1296	rBV5	10846	16467	2.66%	0.240%
55	9.857	1299	1303	1307	rVV	47729	64705	10.45%	0.944%
56	9.933	1311	1316	1320	rVV	248533	328249	53.00%	4.791%
57	9.963	1320	1321	1325	rVB	20088	16408	2.65%	0.240%
58	10.033	1331	1333	1337	rVB3	7058	8170	1.32%	0.119%
59	10.092	1339	1343	1344	rBV3	9585	12071	1.95%	0.176%
60	10.180	1354	1358	1362	rBV4	14128	18663	3.01%	0.272%
61	10.251	1366	1370	1376	rBV5	9891	24492	3.95%	0.357%
62	10.357	1383	1388	1392	rBV	45353	61566	9.94%	0.899%
63	10.480	1404	1409	1417	rBV	29112	51970	8.39%	0.759%
64	10.575	1421	1425	1431	rVV	27198	46574	7.52%	0.680%
65	10.639	1432	1436	1443	rVB	18949	30141	4.87%	0.440%
66	10.722	1445	1450	1455	rVB	128221	166451	26.88%	2.430%
67	10.833	1465	1469	1478	rVB2	55910	103607	16.73%	1.512%
68	11.027	1498	1502	1504	rBV4	9279	13862	2.24%	0.202%
69	11.280	1541	1545	1547	rBV	34696	45267	7.31%	0.661%
70	11.310	1547	1550	1556	rVB2	31948	50157	8.10%	0.732%
71	11.422	1564	1569	1572	rBV	303232	448273	72.38%	6.543%
72	11.498	1578	1582	1585	rVB	37432	45721	7.38%	0.667%
73	11.657	1605	1609	1613	rVB2	14295	20376	3.29%	0.297%
74	11.704	1614	1617	1622	rVB2	28895	36080	5.83%	0.527%
75	11.804	1631	1634	1638	rBV2	12576	14427	2.33%	0.211%
76	11.945	1651	1658	1664	rBV2	48057	99598	16.08%	1.454%

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77	11.998	1664	1667	1670	rVV	11470	17170	2.77%	0.251%
78	12.039	1670	1674	1682	rVB2	45213	78860	12.73%	1.151%
79	12.116	1683	1687	1691	rBV	29295	38106	6.15%	0.556%
80	12.222	1702	1705	1707	rBV	12978	16212	2.62%	0.237%
81	12.510	1744	1754	1760	rBV4	92295	239503	38.67%	3.496%
82	12.639	1771	1776	1788	rBV	289814	397060	64.11%	5.796%
83	12.733	1789	1792	1795	rBV5	12316	16249	2.62%	0.237%
84	12.869	1808	1815	1821	rBV	255116	409234	66.08%	5.973%
85	13.004	1833	1838	1846	rVB	301777	406683	65.67%	5.936%
86	13.192	1868	1870	1874	rVB	38959	40900	6.60%	0.597%
87	14.063	2013	2018	2030	rBV2	322172	619319	100.00%	9.040%
88	15.127	2195	2199	2206	rVB	70724	143611	23.19%	2.096%
89	15.562	2269	2273	2283	rVB	150535	271545	43.85%	3.964%

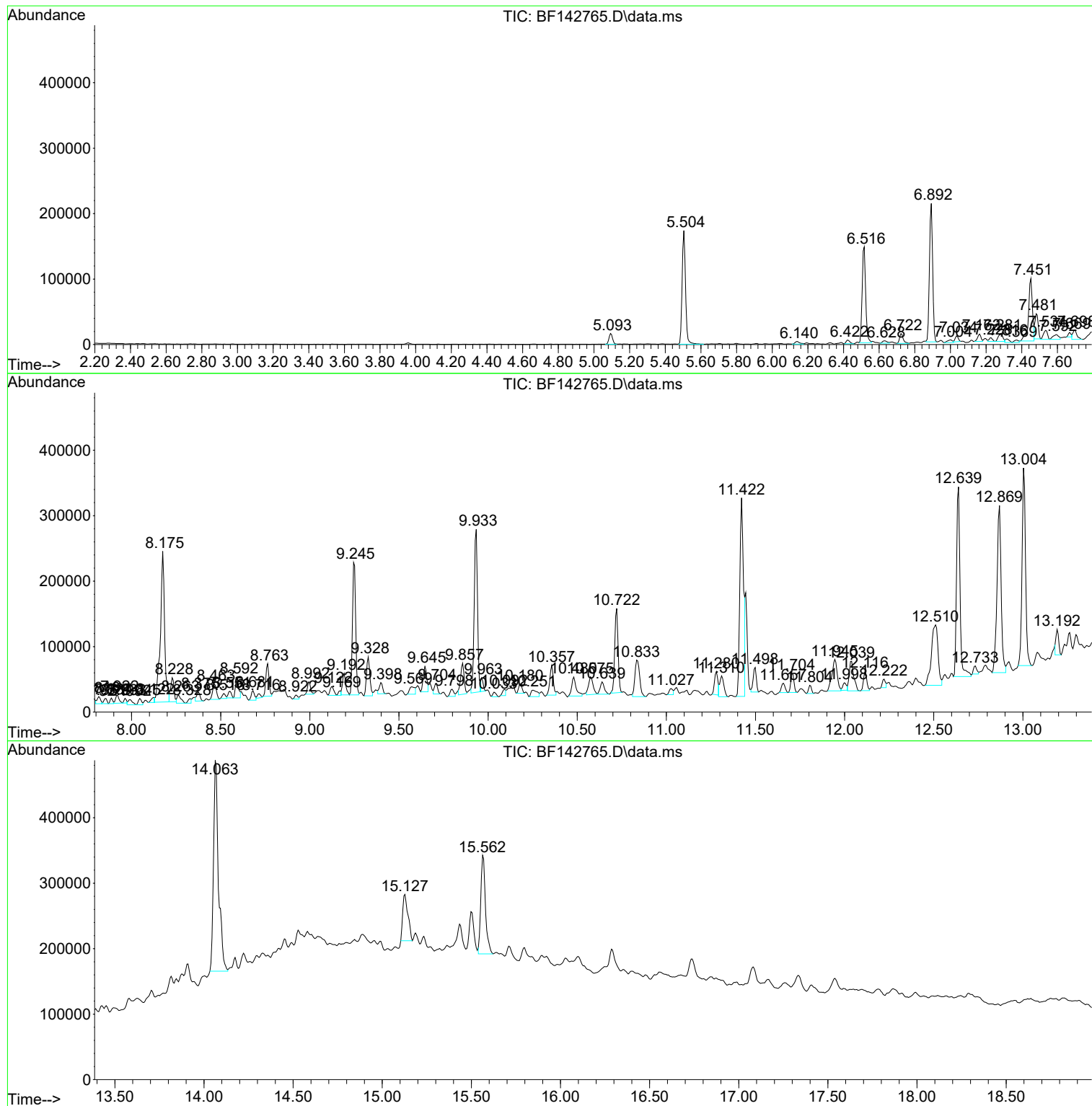
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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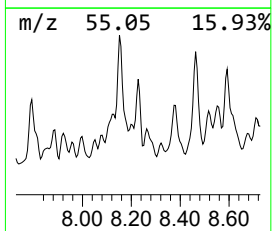
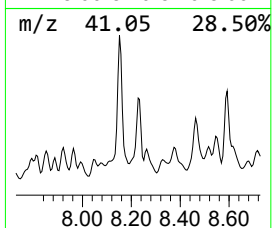
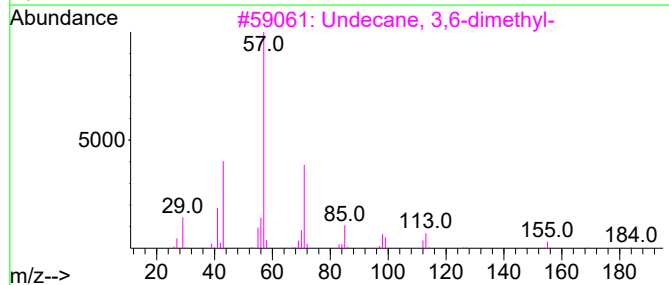
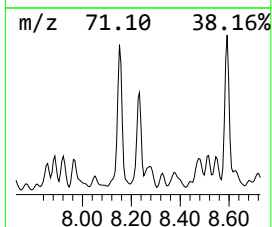
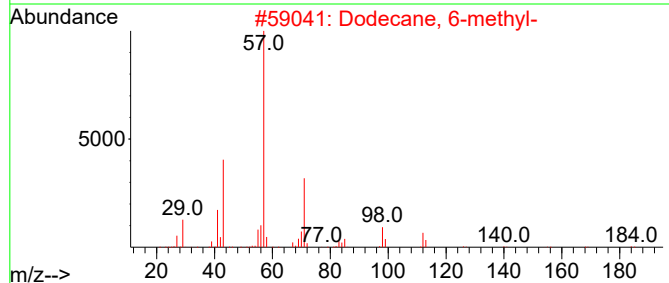
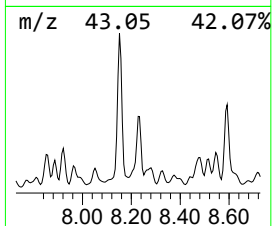
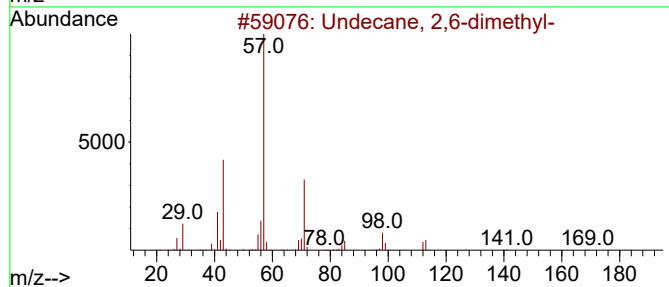
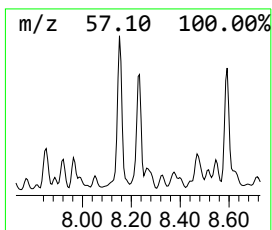
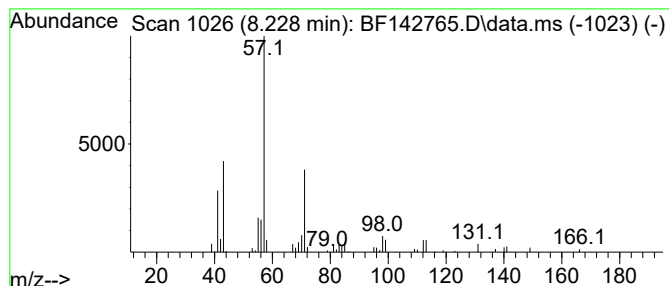
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.228	2.48 ng	47989	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
4			5-Ethyldecane	170	C12H26	017302-36-2	72
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64



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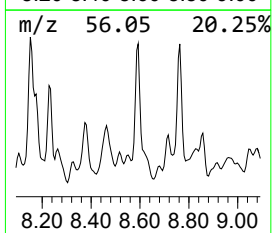
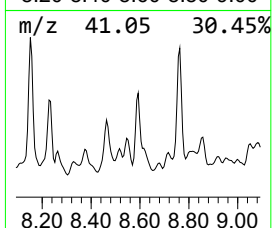
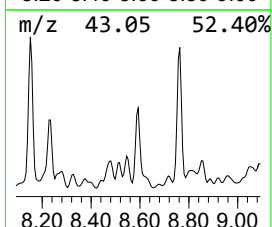
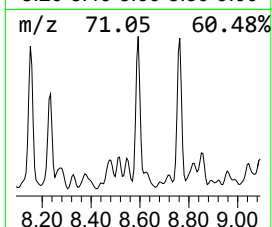
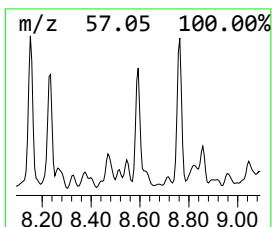
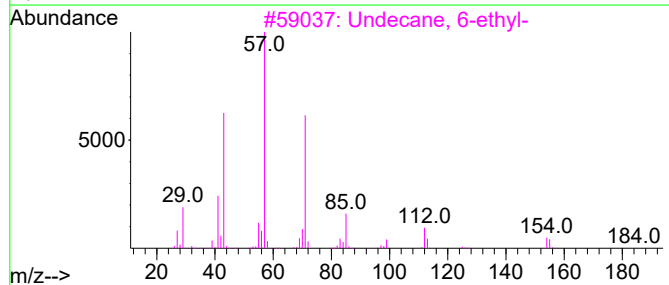
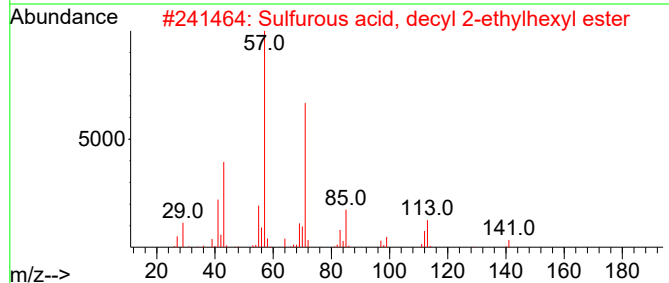
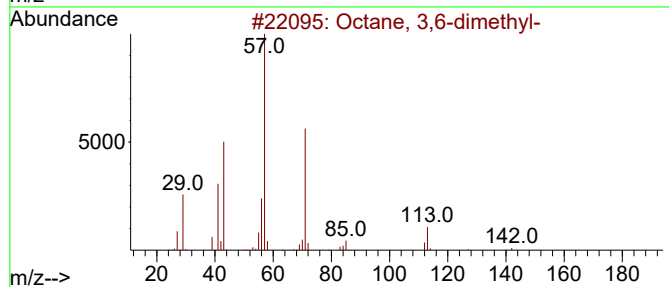
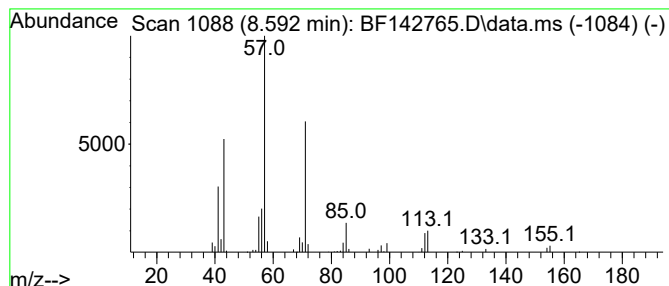
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.592	2.12 ng	41011	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
3			Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
4			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



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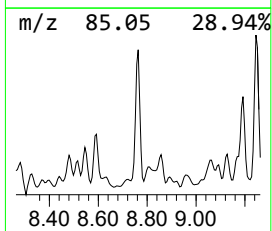
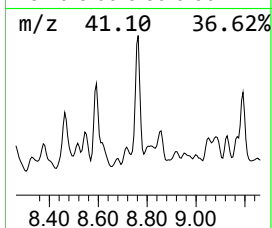
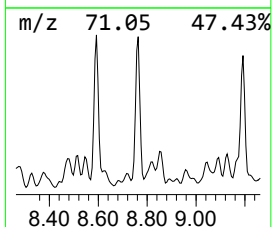
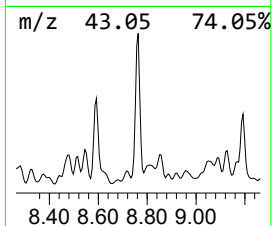
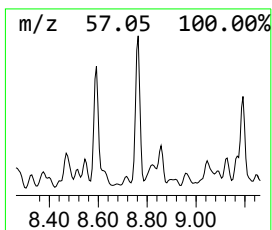
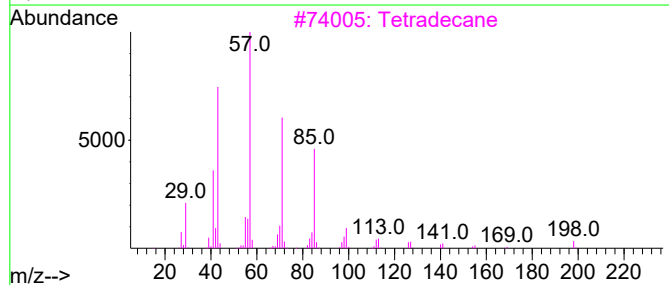
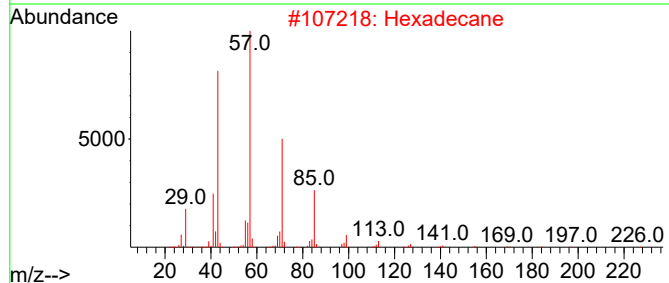
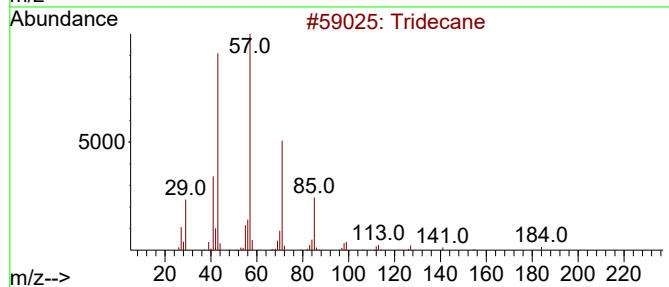
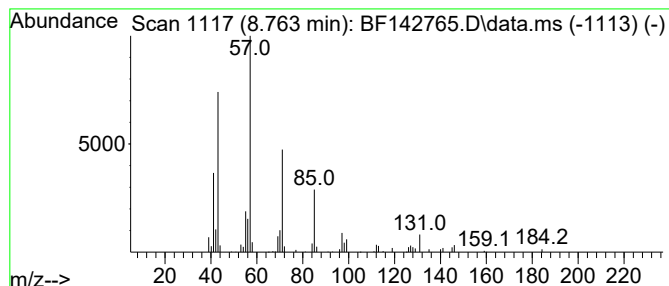
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.763	3.18 ng	61427	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	80
3			Tetradecane	198	C14H30	000629-59-4	72
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	64
5			Heptadecane	240	C17H36	000629-78-7	64



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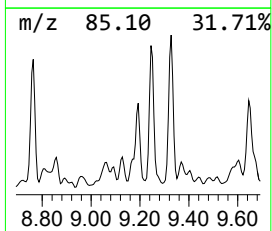
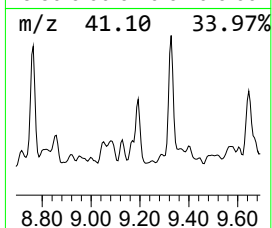
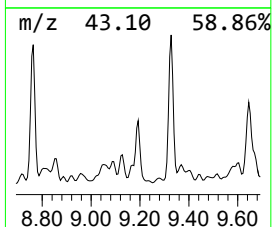
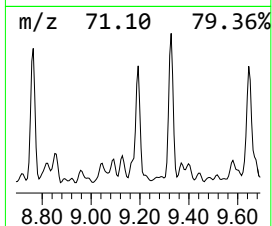
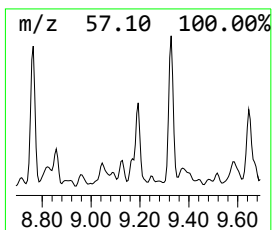
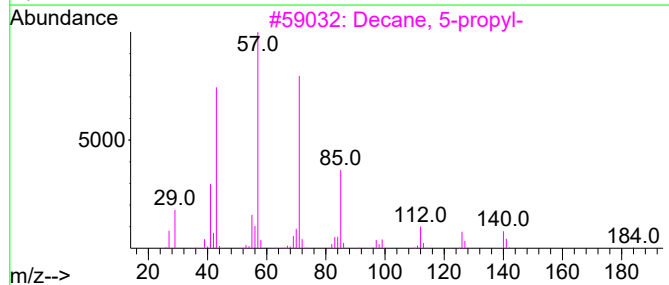
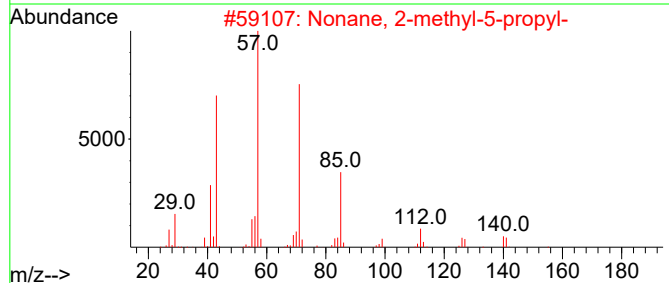
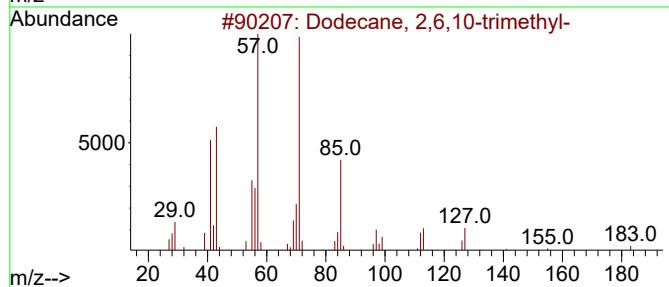
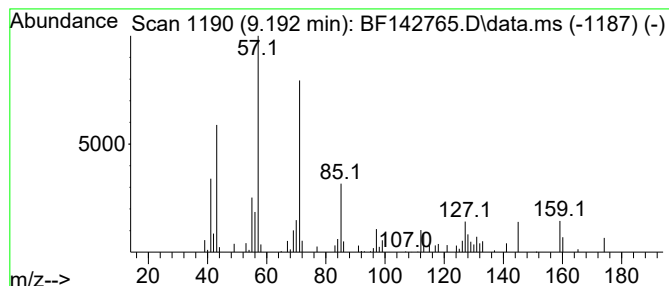
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	2.51 ng	41116	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68
2			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
3			Decane, 5-propyl-	184	C13H28	017312-62-8	59
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	59
5			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
Acq On : 12 Jun 2025 18:57
Operator : RC/JU
Sample : Q2225-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

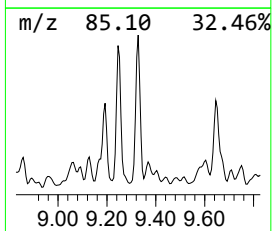
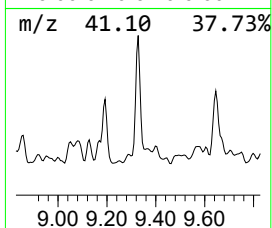
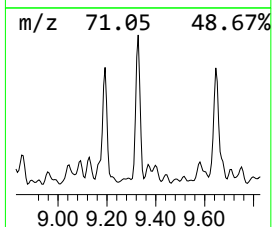
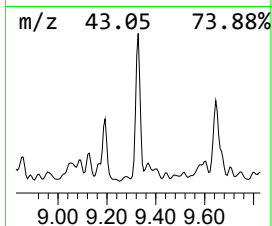
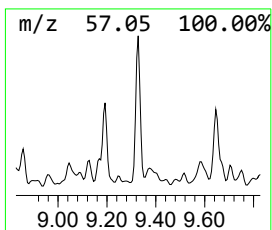
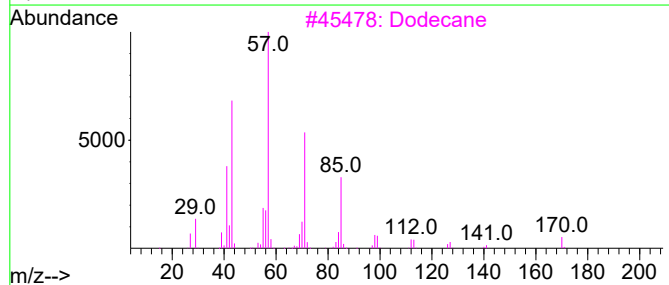
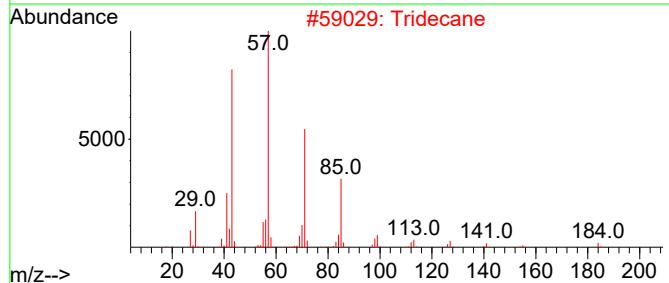
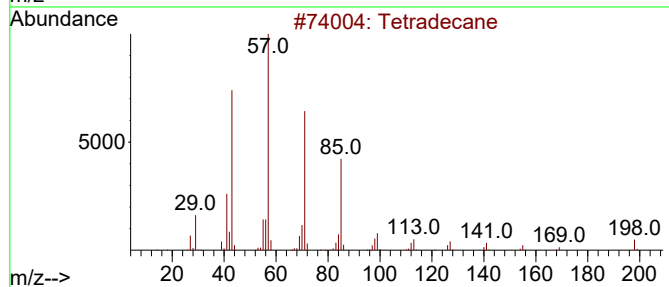
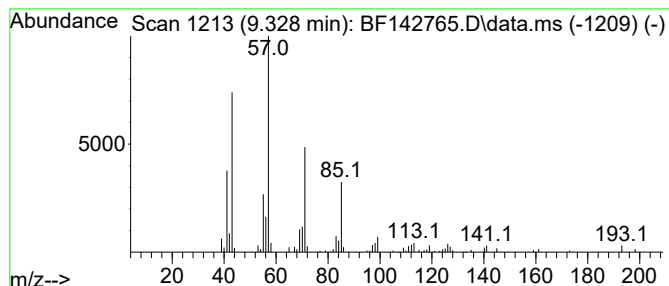
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	4.78 ng	78434	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Dodecane	170	C12H26	000112-40-3	90
4			Hexadecane	226	C16H34	000544-76-3	80
5			Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
Acq On : 12 Jun 2025 18:57
Operator : RC/JU
Sample : Q2225-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

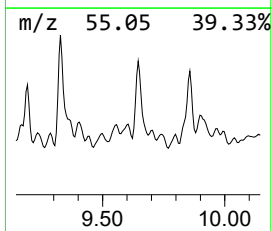
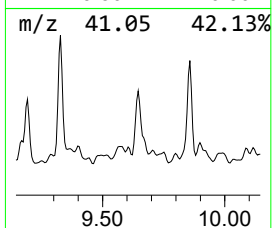
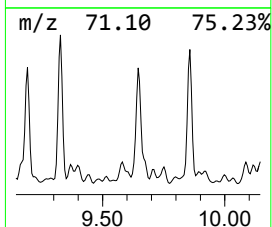
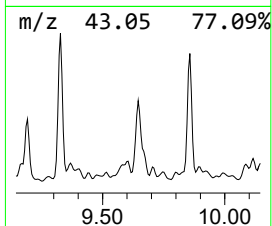
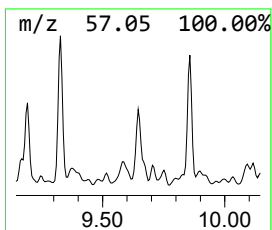
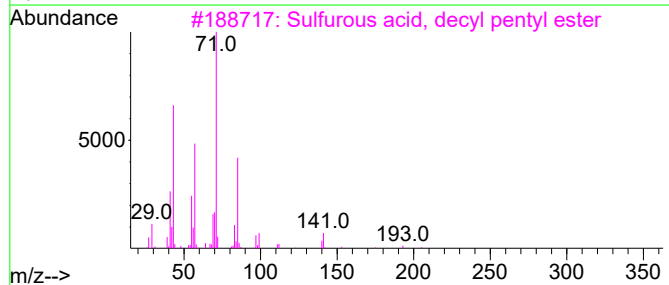
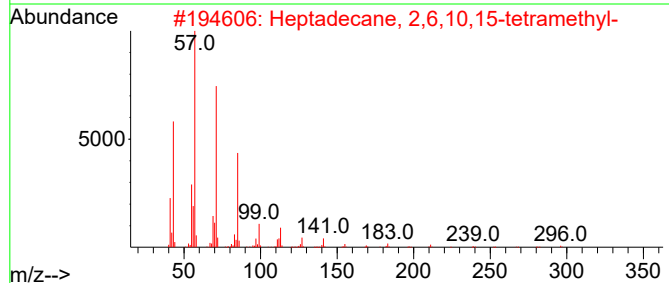
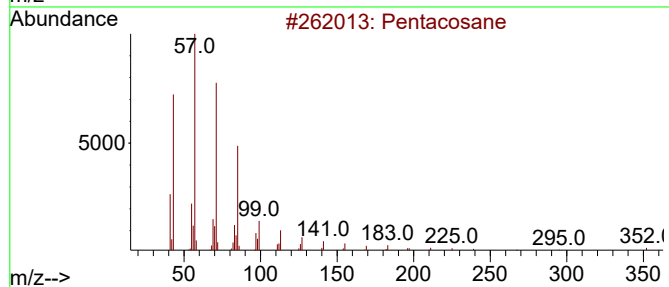
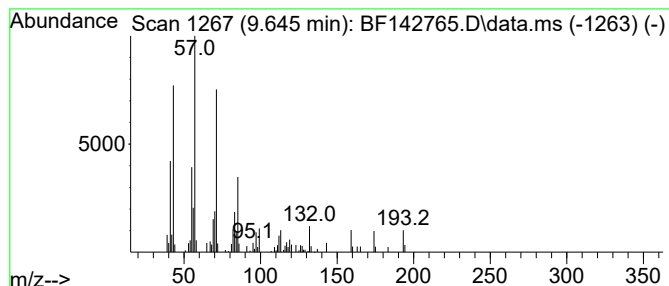
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	3.25 ng	53414	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	64
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
3			Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	53
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
Acq On : 12 Jun 2025 18:57
Operator : RC/JU
Sample : Q2225-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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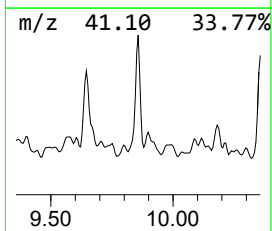
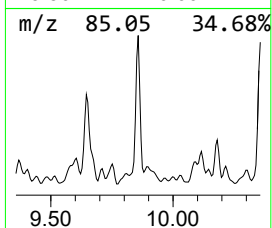
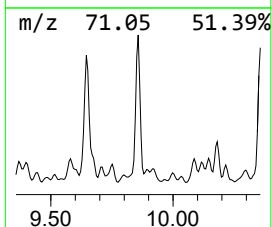
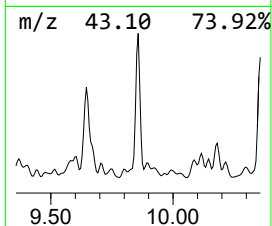
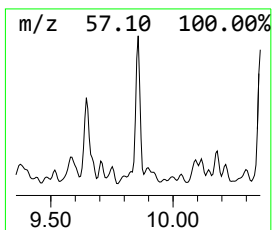
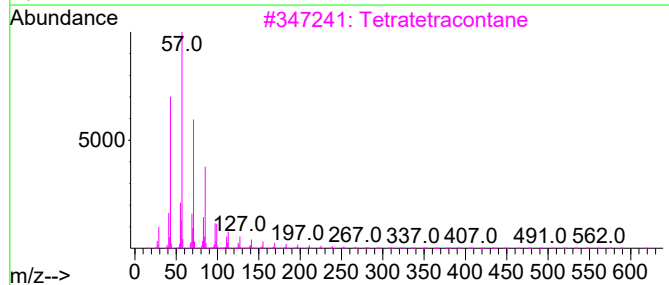
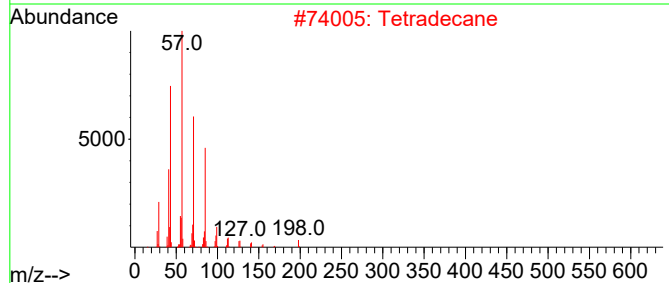
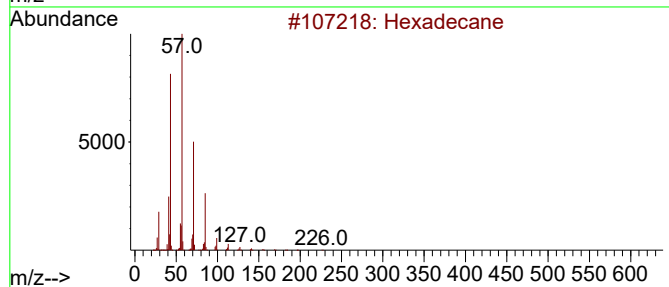
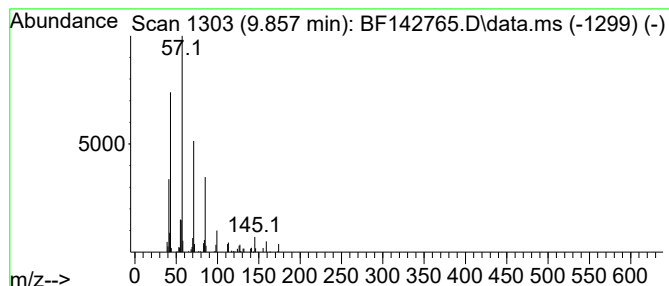
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.857	3.94 ng	64705	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	80
2			Tetradecane	198	C14H30	000629-59-4	72
3			Tetratetracontane	619	C44H90	007098-22-8	64
4			Pentadecane	212	C15H32	000629-62-9	64
5			Triacontane	422	C30H62	000638-68-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
Acq On : 12 Jun 2025 18:57
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Sample : Q2225-01 5X
Misc :
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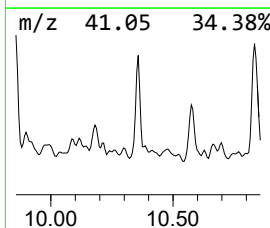
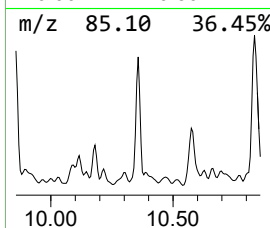
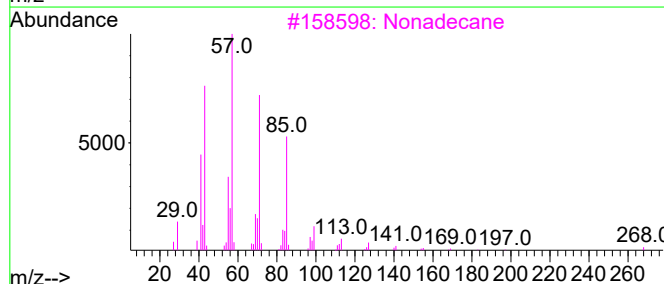
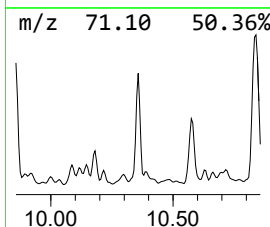
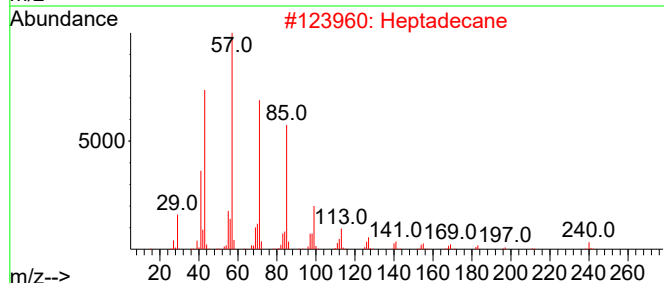
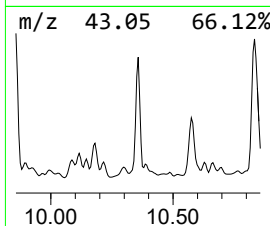
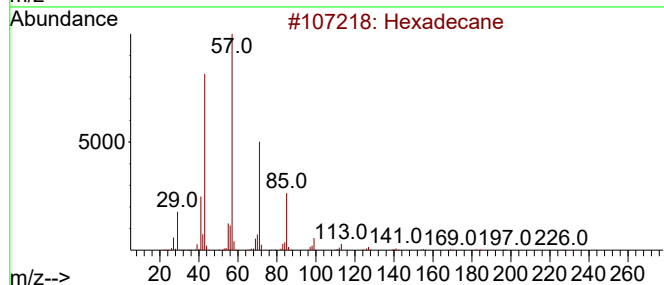
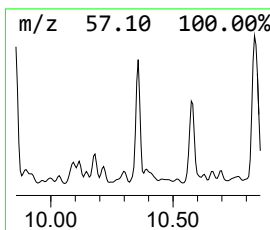
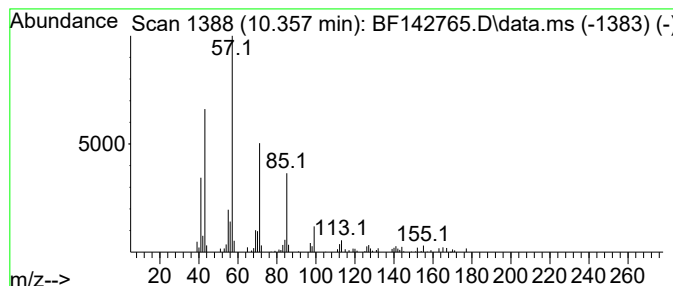
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	3.75 ng	61566	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Heptadecane	240	C17H36	000629-78-7	87
3			Nonadecane	268	C19H40	000629-92-5	87
4			Pentadecane	212	C15H32	000629-62-9	86
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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Acq On : 12 Jun 2025 18:57
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Misc :
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ClientSampleId :
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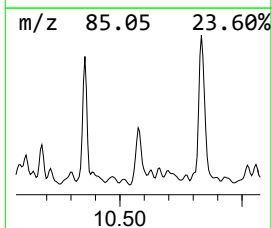
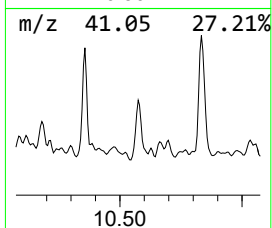
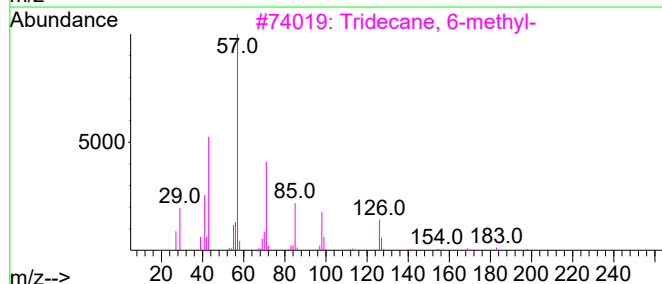
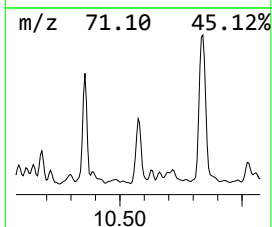
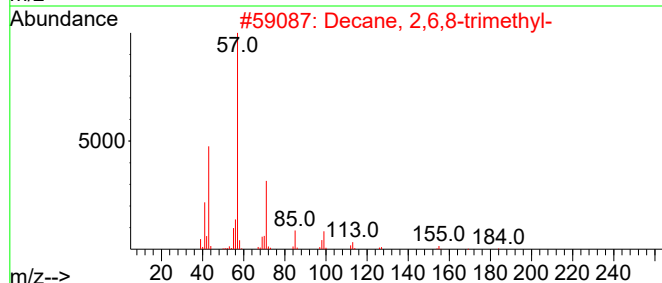
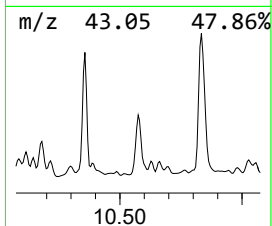
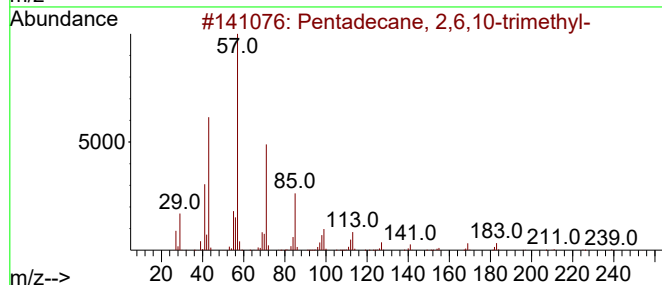
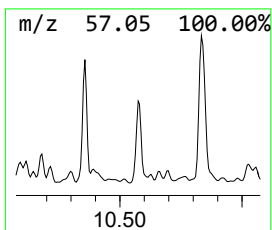
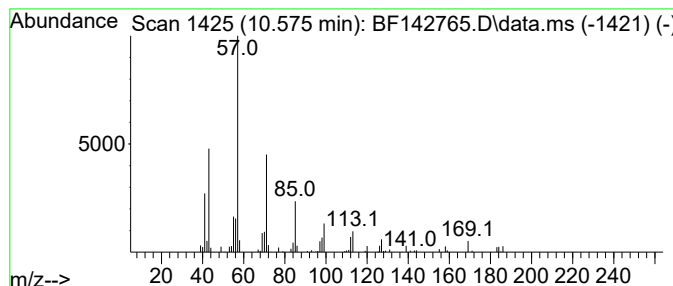
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.575	2.84 ng	46574	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	81
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
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ALS Vial : 19 Sample Multiplier: 1

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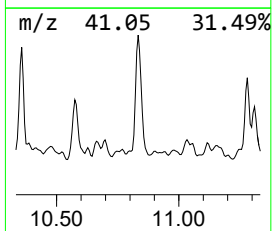
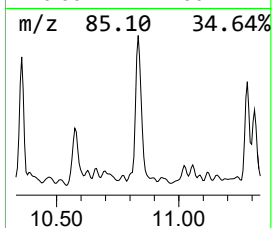
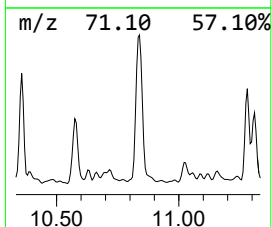
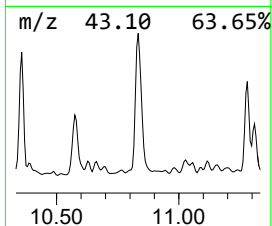
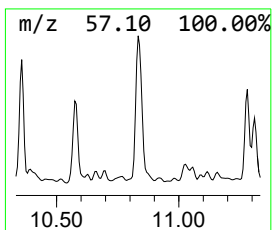
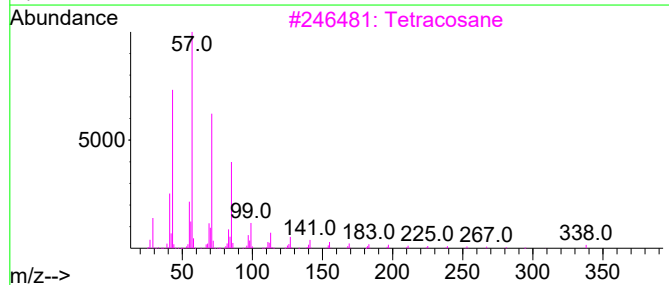
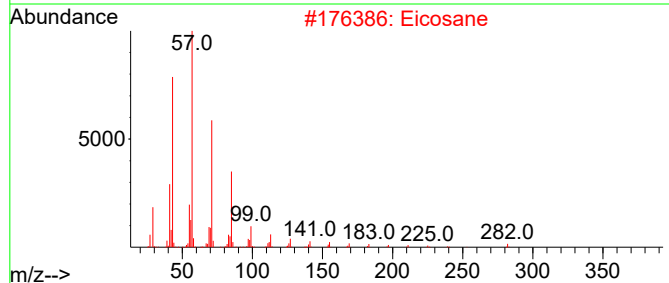
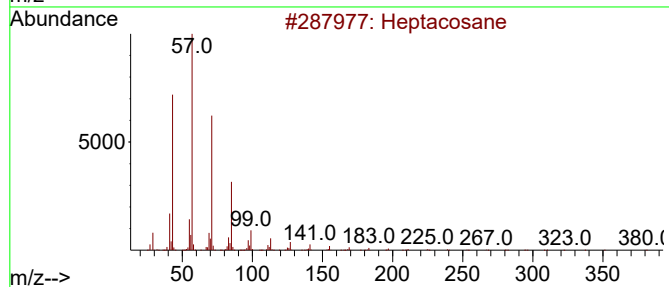
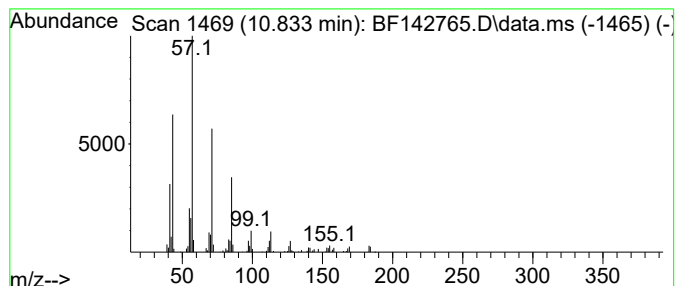
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.833	4.62 ng	103607	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	87
2		Eicosane	282	C20H42	000112-95-8	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Docosane	310	C22H46	000629-97-0	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
Acq On : 12 Jun 2025 18:57
Operator : RC/JU
Sample : Q2225-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

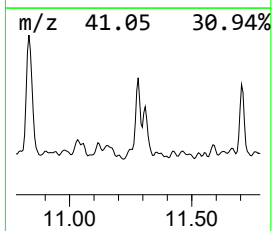
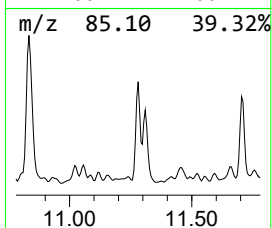
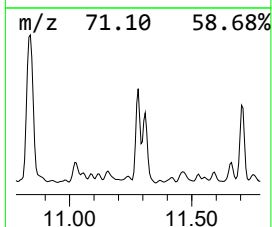
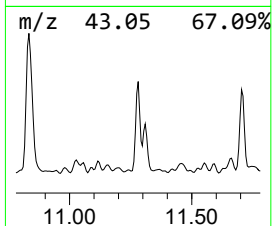
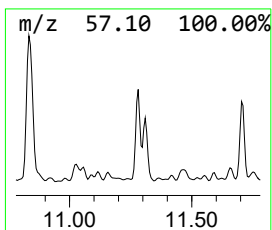
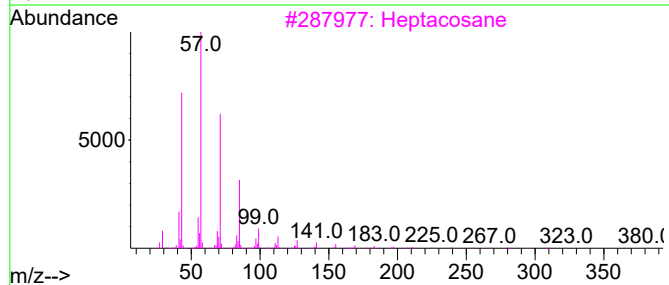
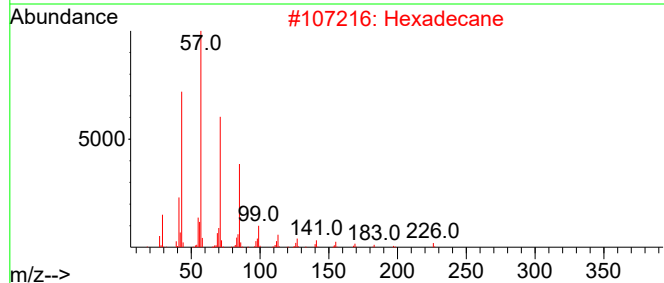
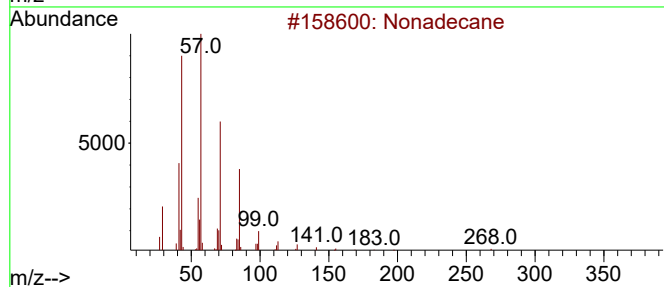
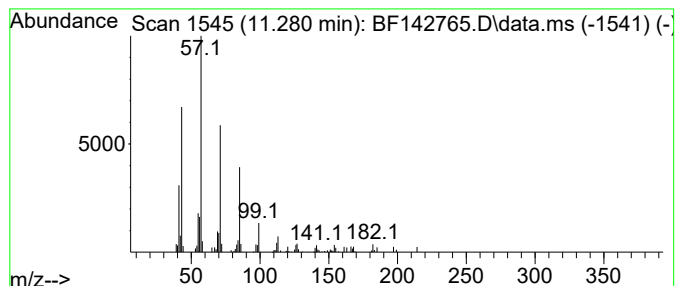
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	2.02 ng	45267	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Hexadecane	226	C16H34	000544-76-3	86
3			Heptacosane	380	C27H56	000593-49-7	86
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5			Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
Acq On : 12 Jun 2025 18:57
Operator : RC/JU
Sample : Q2225-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

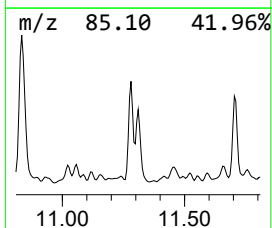
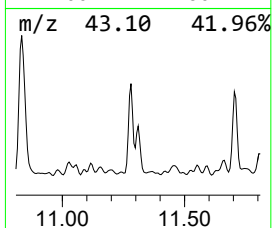
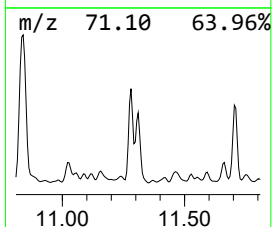
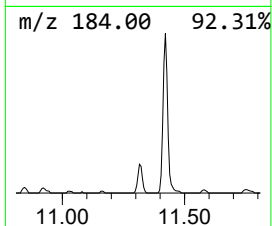
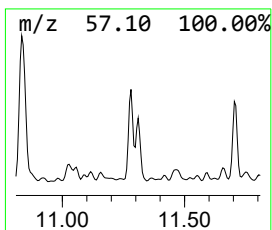
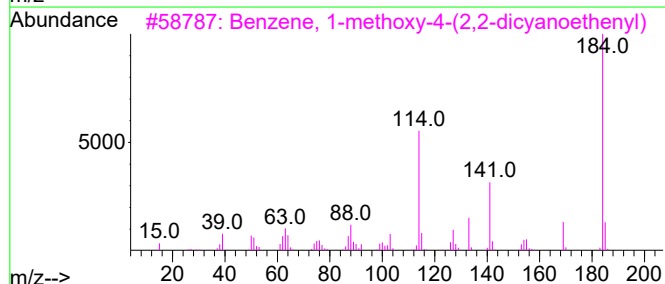
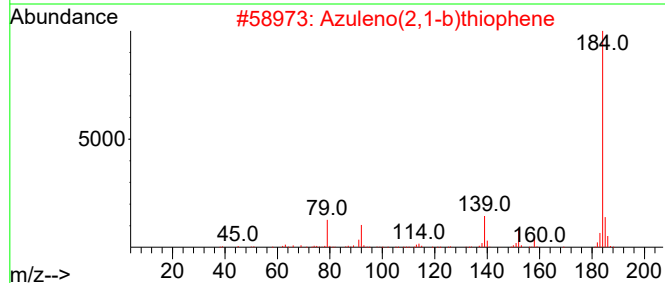
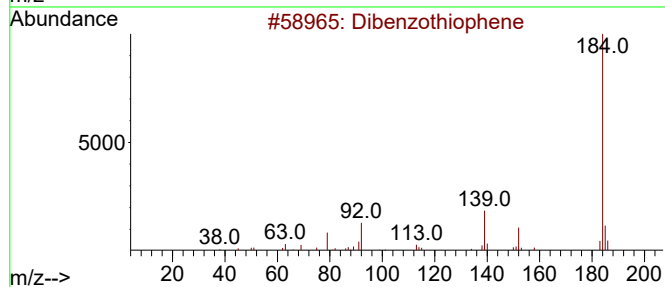
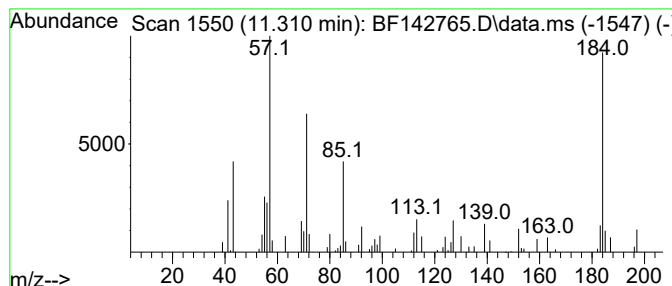
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.310 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	2.24 ng	50157	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	43
2			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	43
3			Benzene, 1-methoxy-4-(2,2-dicyan...	184	C11H8N2O	002826-26-8	30
4			Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	30
5			2-Amino-6-chlorobenzothiazole	184	C7H5ClN2S	000095-24-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
Acq On : 12 Jun 2025 18:57
Operator : RC/JU
Sample : Q2225-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

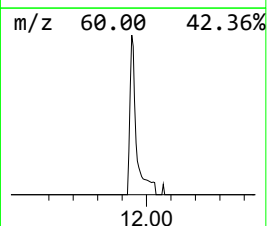
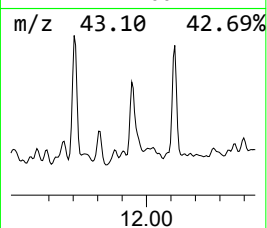
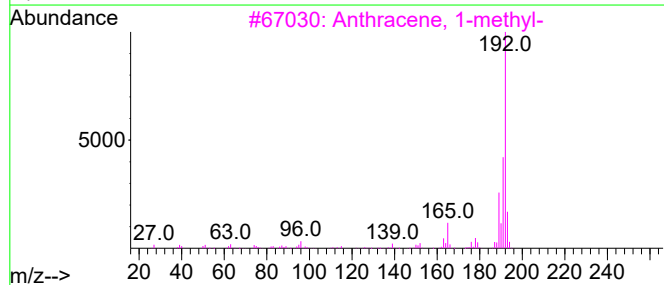
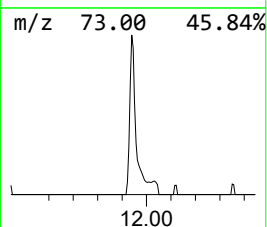
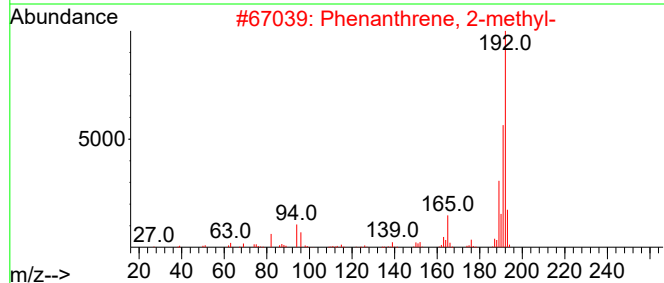
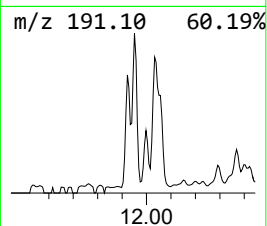
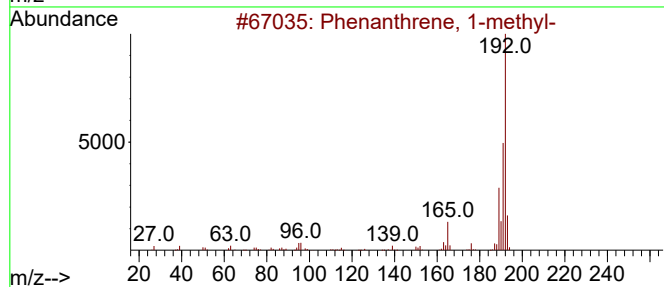
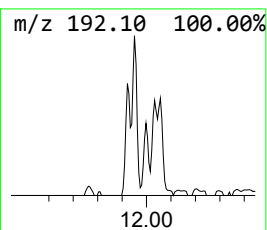
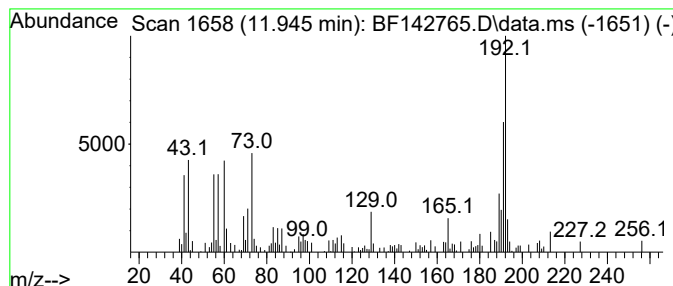
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.44 ng	99598	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
Acq On : 12 Jun 2025 18:57
Operator : RC/JU
Sample : Q2225-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

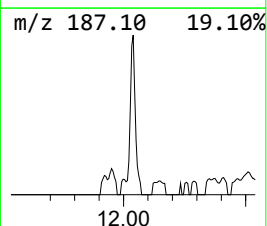
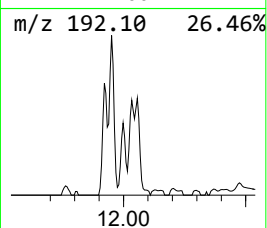
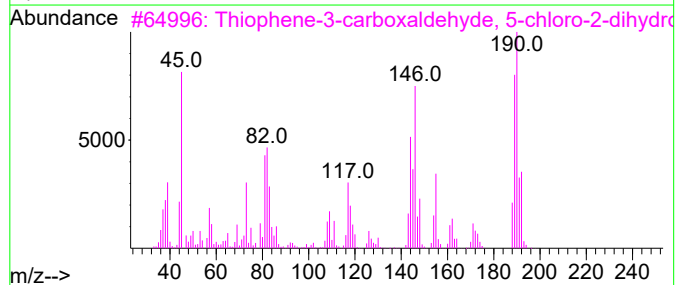
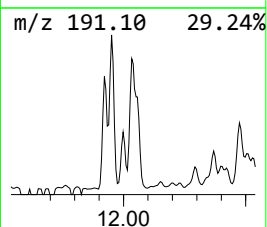
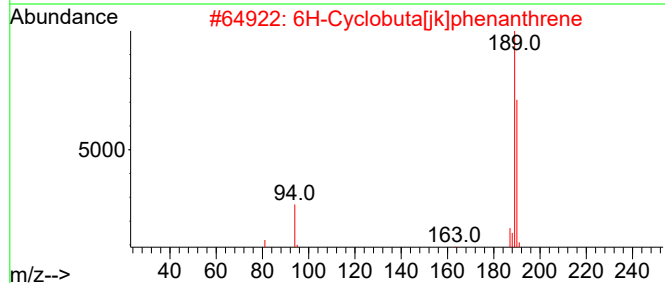
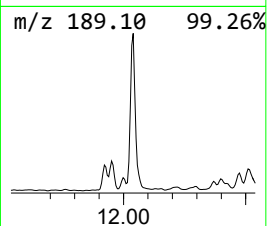
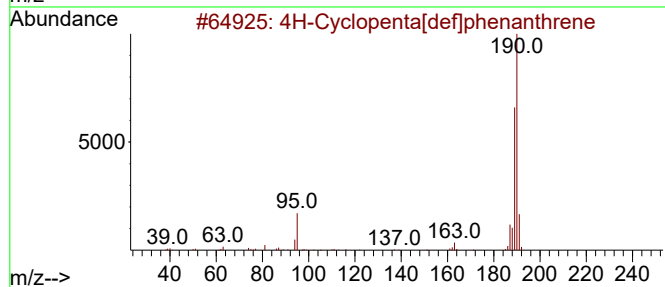
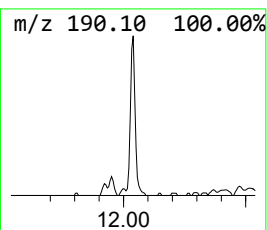
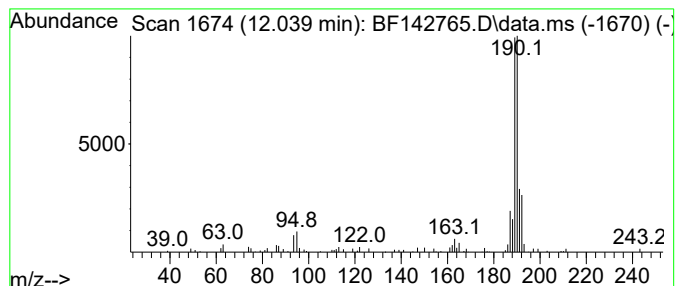
Instrument :
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ClientSampleId :
SU-03-06042025

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 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.039	3.52 ng	78860	Phenanthrene-d10	11.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
Acq On : 12 Jun 2025 18:57
Operator : RC/JU
Sample : Q2225-01 5X
Misc :
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Instrument :
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ClientSampleId :
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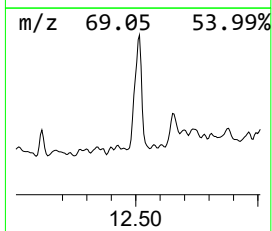
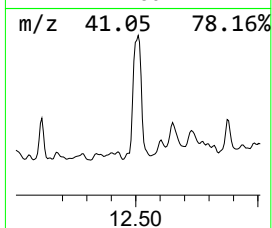
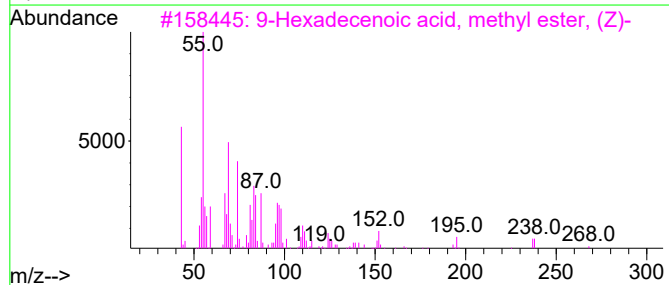
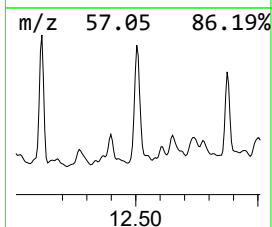
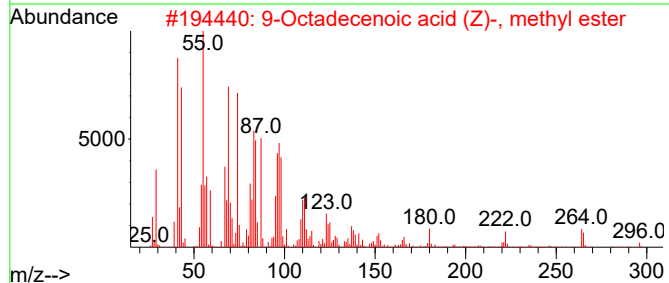
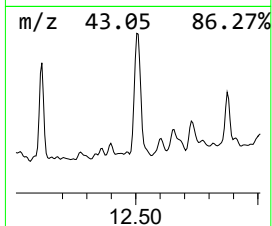
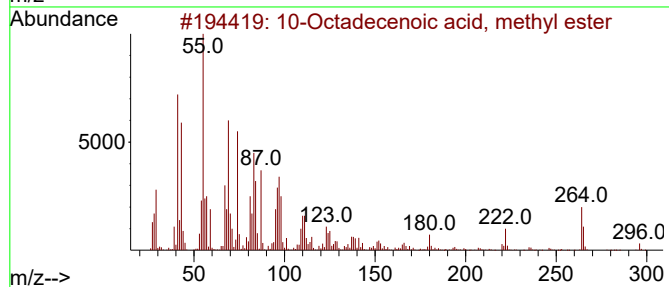
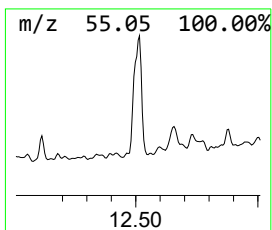
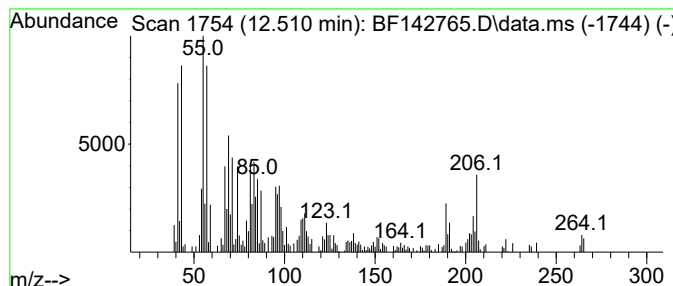
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 10-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	10.69 ng	239503	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	64
2			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	60
3			9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	58
4			trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	53
5			Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142765.D
Acq On : 12 Jun 2025 18:57
Operator : RC/JU
Sample : Q2225-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-06042025

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
Undecane, 2,6-d...	8.228	2.5	ng	47989	2	8.175	386391	20.0
Octane, 3,6-dim...	8.592	2.1	ng	41011	2	8.175	386391	20.0
Tridecane	8.763	3.2	ng	61427	2	8.175	386391	20.0
Dodecane, 2,6,1...	9.192	2.5	ng	41116	3	9.933	328249	20.0
Tetradecane	9.328	4.8	ng	78434	3	9.933	328249	20.0
Pentacosane	9.645	3.3	ng	53414	3	9.933	328249	20.0
Hexadecane	9.857	3.9	ng	64705	3	9.933	328249	20.0
Heptadecane	10.357	3.8	ng	61566	3	9.933	328249	20.0
Pentadecane, 2,...	10.575	2.8	ng	46574	3	9.933	328249	20.0
Heptacosane	10.833	4.6	ng	103607	4	11.422	448273	20.0
Nonadecane	11.280	2.0	ng	45267	4	11.422	448273	20.0
unknown11.310	11.310	2.2	ng	50157	4	11.422	448273	20.0
Phenanthrene, 1...	11.945	4.4	ng	99598	4	11.422	448273	20.0
4H-Cyclopenta[d...	12.039	3.5	ng	78860	4	11.422	448273	20.0
10-Octadecenoic...	12.510	10.7	ng	239503	4	11.422	448273	20.0