

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142763.D
 Acq On : 12 Jun 2025 17:57
 Operator : RC/JU
 Sample : Q2223-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-06042025

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: BF142763.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	487	493	499	rBV	14624	20205	2.52%	0.195%
2	5.504	558	563	580	rVB	149023	199666	24.92%	1.931%
3	6.510	730	734	742	rBV	129841	175006	21.84%	1.692%
4	6.722	766	770	777	rBV3	10717	16393	2.05%	0.159%
5	6.893	789	799	805	rBV	228469	298617	37.27%	2.887%
6	7.034	820	823	827	rVV3	8469	10866	1.36%	0.105%
7	7.163	839	845	848	rBV4	14725	21676	2.71%	0.210%
8	7.204	848	852	859	rVB3	10247	23793	2.97%	0.230%
9	7.281	859	865	869	rBV3	18400	31171	3.89%	0.301%
10	7.375	875	881	884	rBV4	4842	9821	1.23%	0.095%
11	7.422	884	889	890	rBV2	21720	25688	3.21%	0.248%
12	7.451	890	894	897	rVV	80870	114042	14.23%	1.103%
13	7.481	897	899	903	rVB	35187	41411	5.17%	0.400%
14	7.540	903	909	912	rVB4	21125	32414	4.05%	0.313%
15	7.581	912	916	917	rBV2	11540	15564	1.94%	0.150%
16	7.663	927	930	932	rBV2	7613	9430	1.18%	0.091%
17	7.693	932	935	944	rVB4	30718	54883	6.85%	0.531%
18	7.793	944	952	954	rBV4	24200	54230	6.77%	0.524%
19	7.816	954	956	960	rVB3	15610	17477	2.18%	0.169%
20	7.851	960	962	965	rVB4	12613	13753	1.72%	0.133%
21	7.887	965	968	970	rBV3	15695	17380	2.17%	0.168%
22	7.916	970	973	979	rVB6	22713	35694	4.45%	0.345%
23	7.963	979	981	983	rBV2	7837	8367	1.04%	0.081%
24	7.993	983	986	992	rVB4	17952	34302	4.28%	0.332%
25	8.045	992	995	998	rBV2	14466	16006	2.00%	0.155%
26	8.075	998	1000	1004	rBV2	13960	17143	2.14%	0.166%
27	8.175	1004	1017	1023	rBV2	272637	552217	68.92%	5.339%
28	8.228	1023	1026	1029	rVB2	55720	69105	8.62%	0.668%
29	8.263	1029	1032	1039	rVB5	24932	36884	4.60%	0.357%
30	8.345	1039	1046	1048	rBV4	22782	49659	6.20%	0.480%
31	8.375	1048	1051	1054	rVB2	31594	37738	4.71%	0.365%
32	8.422	1055	1059	1061	rBV2	16362	23055	2.88%	0.223%
33	8.463	1062	1066	1071	rBV6	57684	82004	10.23%	0.793%
34	8.522	1072	1076	1078	rBV3	22983	27509	3.43%	0.266%
35	8.551	1078	1081	1084	rBV3	27726	32899	4.11%	0.318%
36	8.592	1084	1088	1091	rBV	55233	68269	8.52%	0.660%

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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	8.681	1099	1103	1106	rBV2	65232	88137	11.00%	0.852%
38	8.763	1113	1117	1121	rBV	154786	193836	24.19%	1.874%
39	8.922	1141	1144	1146	rBV3	21517	26237	3.27%	0.254%
40	8.998	1153	1157	1161	rBV3	74773	99406	12.41%	0.961%
41	9.122	1174	1178	1183	rVB3	56428	89234	11.14%	0.863%
42	9.169	1183	1186	1187	rBV	26695	28839	3.60%	0.279%
43	9.192	1187	1190	1196	rVV3	94237	130992	16.35%	1.267%
44	9.245	1196	1199	1204	rVB	171099	214182	26.73%	2.071%
45	9.328	1209	1213	1217	rBV	279229	355116	44.32%	3.434%
46	9.398	1222	1225	1229	rVB	56091	68965	8.61%	0.667%
47	9.581	1250	1256	1258	rBV6	57374	123771	15.45%	1.197%
48	9.645	1263	1267	1270	rBV3	155026	225600	28.16%	2.181%
49	9.704	1275	1277	1281	rVB2	65397	79199	9.88%	0.766%
50	9.857	1299	1303	1307	rVB	312946	376187	46.95%	3.637%
51	9.928	1311	1315	1320	rVB	231735	312078	38.95%	3.017%
52	10.034	1330	1333	1338	rVB	32150	37960	4.74%	0.367%
53	10.092	1339	1343	1344	rBV	49047	64580	8.06%	0.624%
54	10.181	1354	1358	1362	rBV4	82579	119539	14.92%	1.156%
55	10.251	1367	1370	1376	rBV7	39493	91397	11.41%	0.884%
56	10.357	1383	1388	1392	rBV	387901	497372	62.08%	4.809%
57	10.575	1420	1425	1431	rBV	172642	275276	34.36%	2.662%
58	10.628	1432	1434	1437	rBV2	27370	29285	3.65%	0.283%
59	10.698	1443	1446	1447	rBV2	41196	42604	5.32%	0.412%
60	10.834	1464	1469	1478	rVB	473567	801241	100.00%	7.747%
61	11.022	1498	1501	1504	rBV	44384	67275	8.40%	0.650%
62	11.281	1541	1545	1548	rBV	362701	474913	59.27%	4.592%
63	11.310	1548	1550	1556	rVB	172100	215448	26.89%	2.083%
64	11.422	1564	1569	1573	rBV	273188	364299	45.47%	3.522%
65	11.592	1595	1598	1601	rVB2	32683	37748	4.71%	0.365%
66	11.663	1606	1610	1613	rBV2	40752	55245	6.89%	0.534%
67	11.710	1613	1618	1622	rVV	304135	374084	46.69%	3.617%
68	12.116	1683	1687	1691	rVB	270829	319725	39.90%	3.091%
69	12.398	1732	1735	1744	rVB	41183	60084	7.50%	0.581%
70	12.504	1749	1753	1757	rVB	209893	253407	31.63%	2.450%
71	12.875	1812	1816	1821	rVB2	149692	190057	23.72%	1.838%
72	13.004	1833	1838	1847	rVB	241797	333617	41.64%	3.226%
73	13.233	1873	1877	1881	rBV	91781	112940	14.10%	1.092%
74	13.575	1931	1935	1940	rBV	58031	73640	9.19%	0.712%
75	13.904	1988	1991	2002	rVB	43245	74994	9.36%	0.725%
76	14.063	2014	2018	2025	rBV	282405	382168	47.70%	3.695%

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ClientSampleId :
HR-04-06042025

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

77	15.563	2268	2273	2283	rVB	168717	287456	35.88%	2.779%
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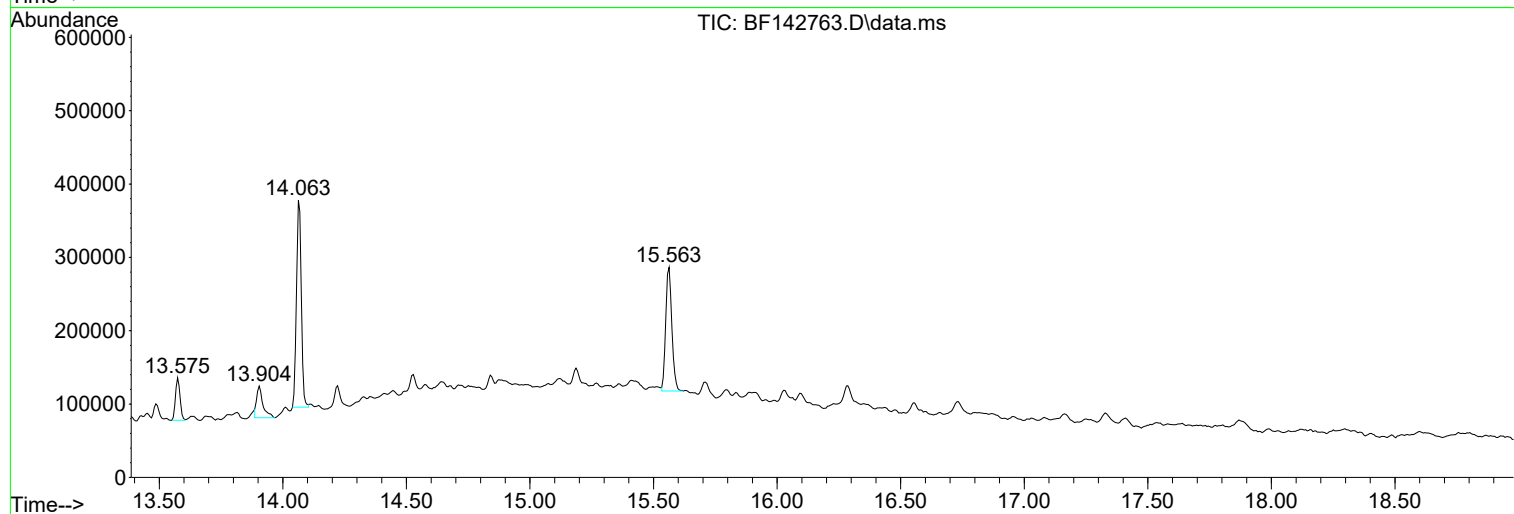
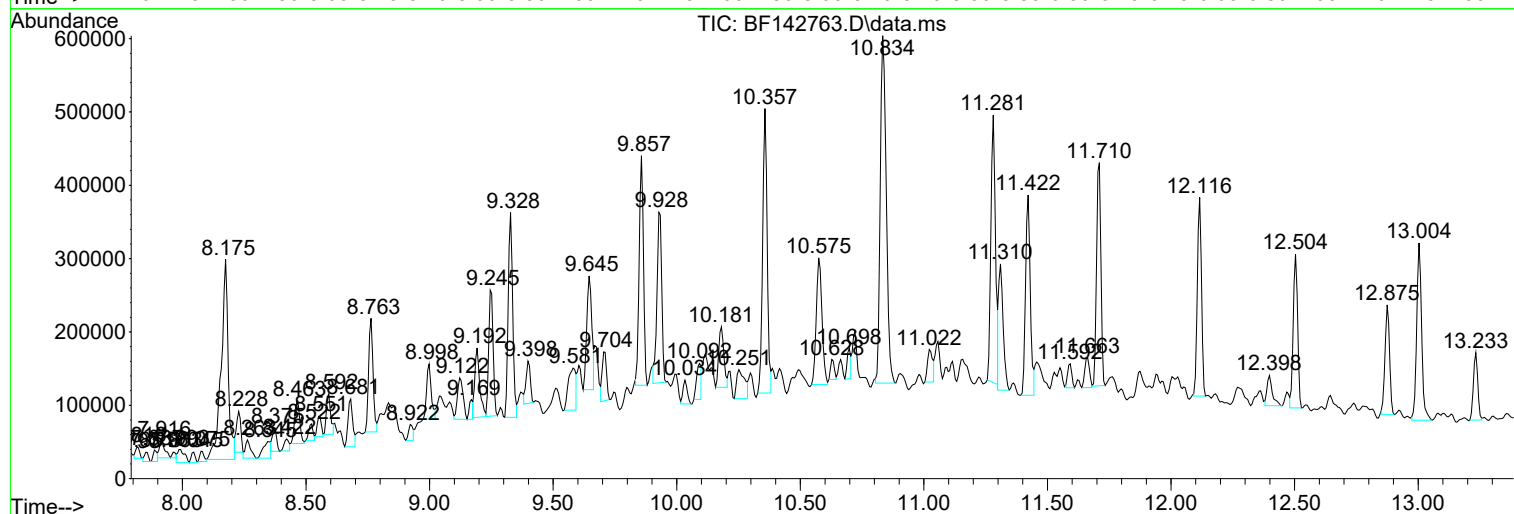
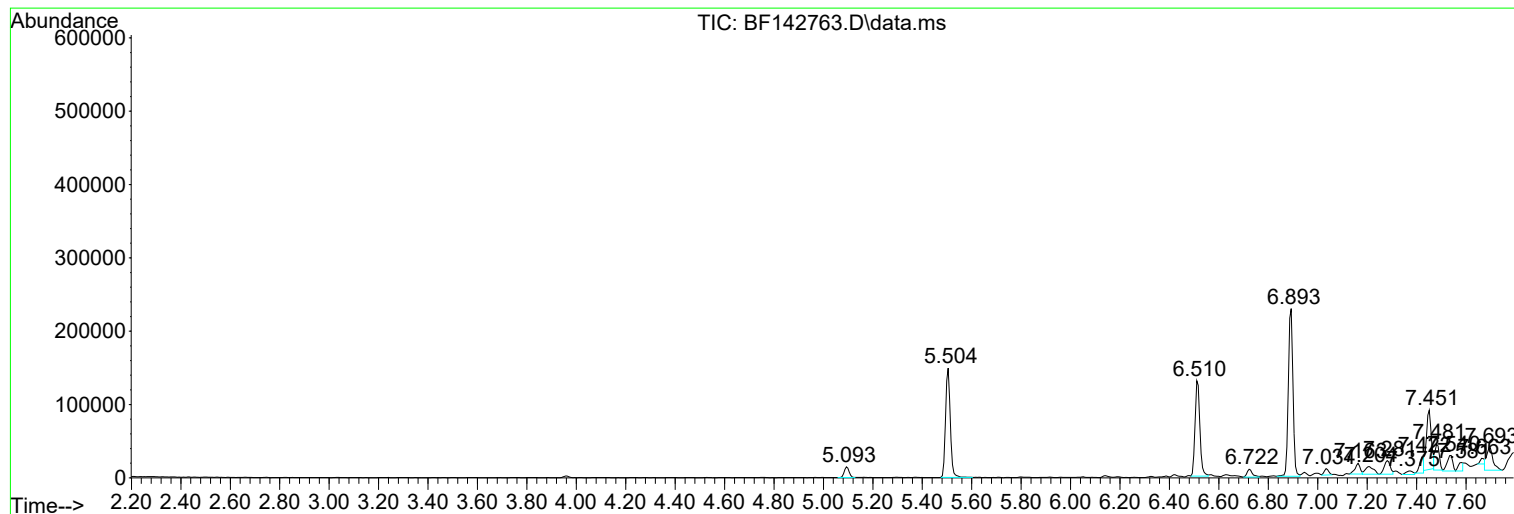
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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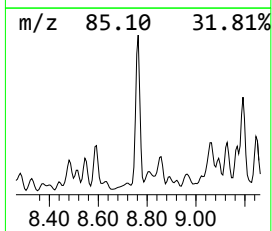
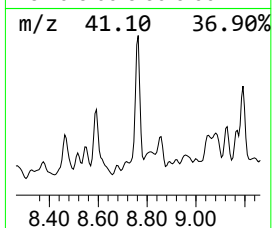
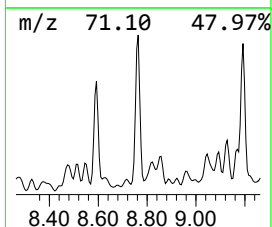
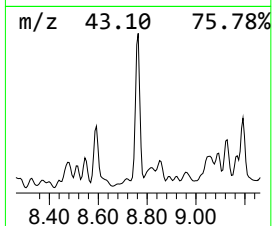
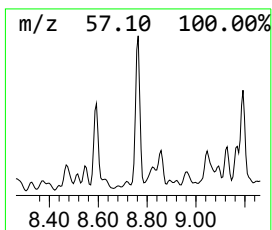
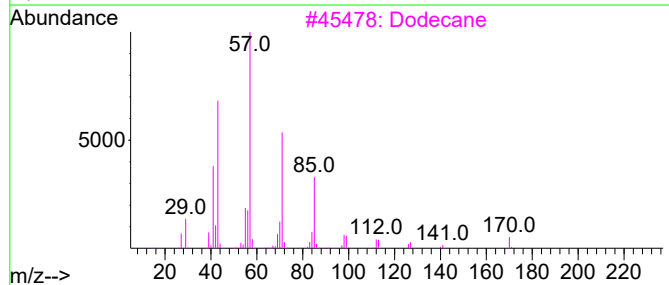
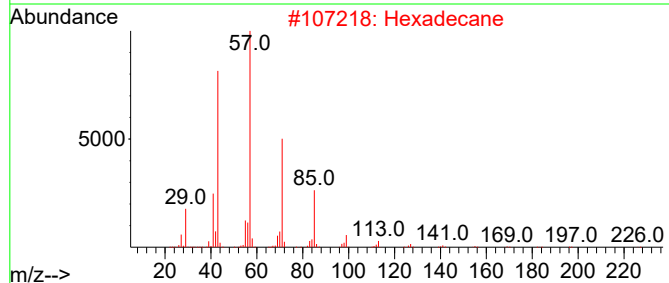
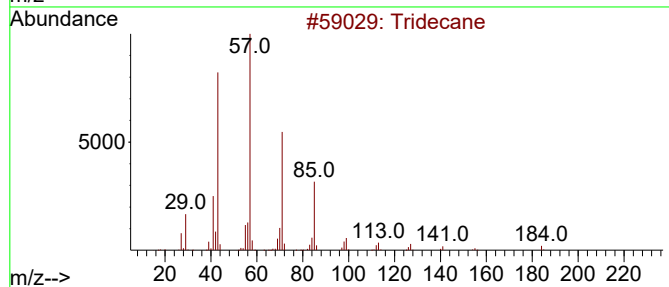
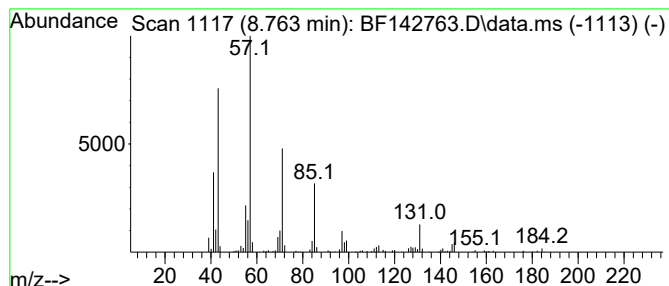
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.763	7.02 ng	193836	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	62
3			Dodecane	170	C12H26	000112-40-3	58
4			Pentadecane	212	C15H32	000629-62-9	58
5			Undecane	156	C11H24	001120-21-4	52



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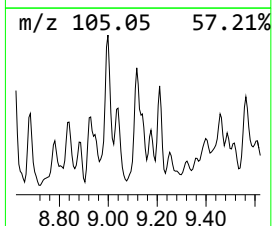
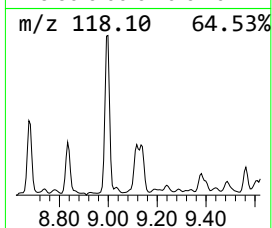
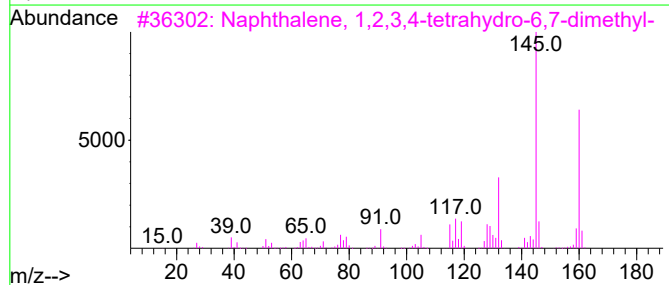
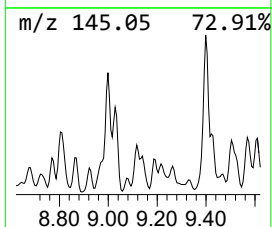
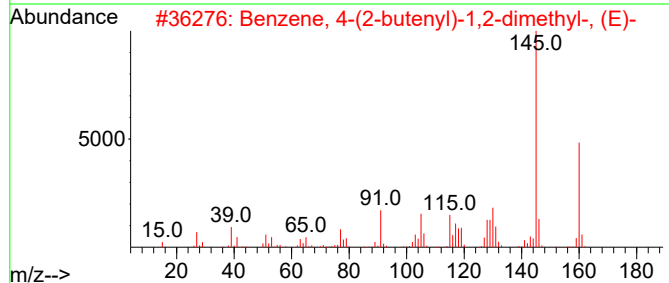
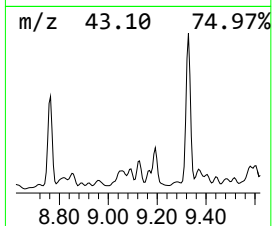
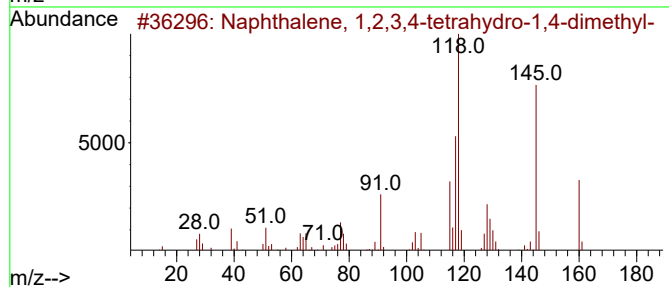
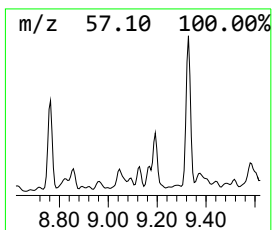
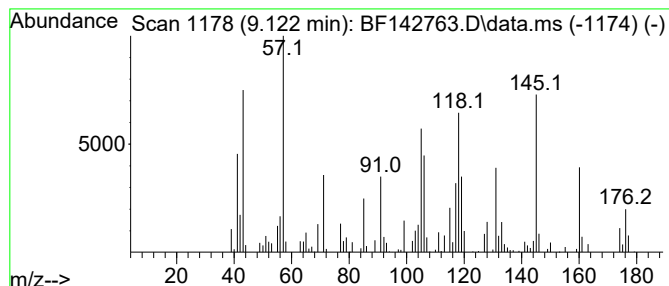
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown9.122 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.122	5.72 ng	89234	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	45
2			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	43
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	38
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	30
5			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	30



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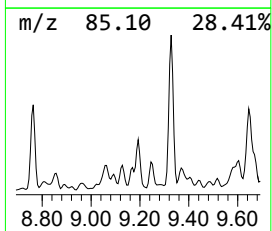
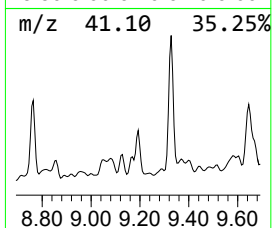
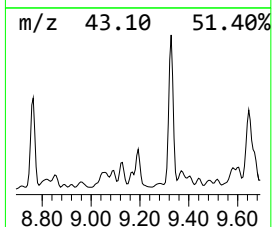
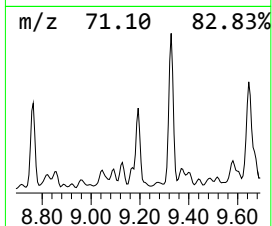
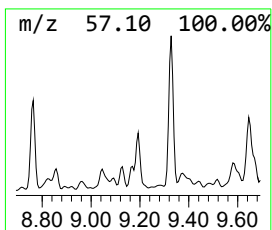
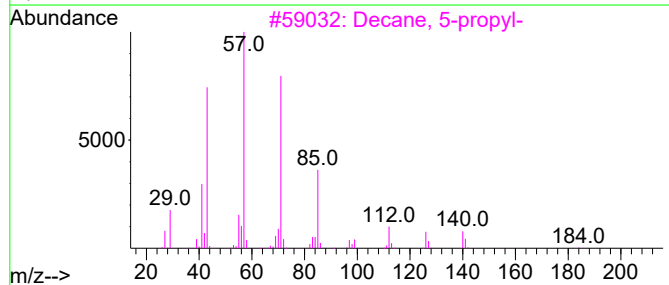
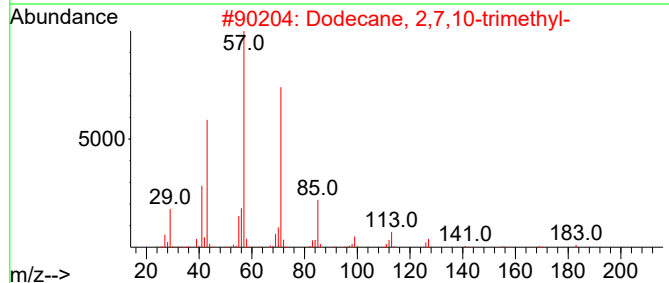
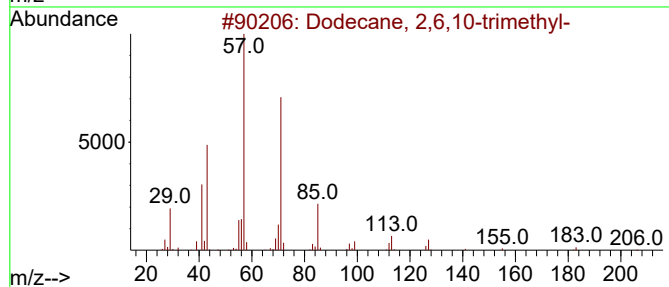
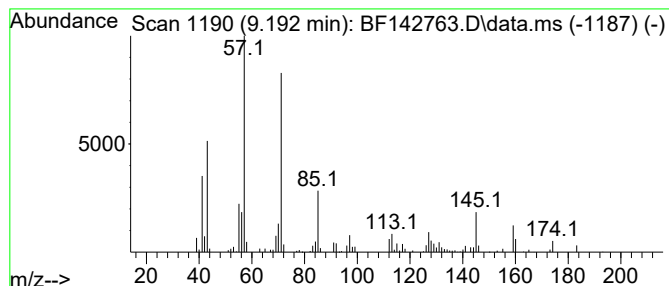
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	8.39 ng	130992	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
3			Decane, 5-propyl-	184	C13H28	017312-62-8	53
4			Decane, 2-methyl-	156	C11H24	006975-98-0	53
5			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	50



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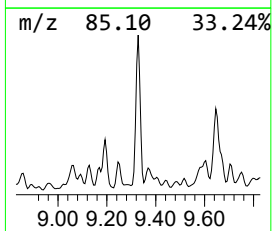
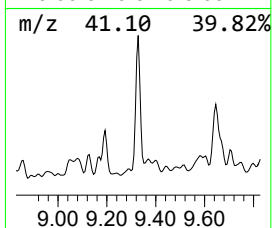
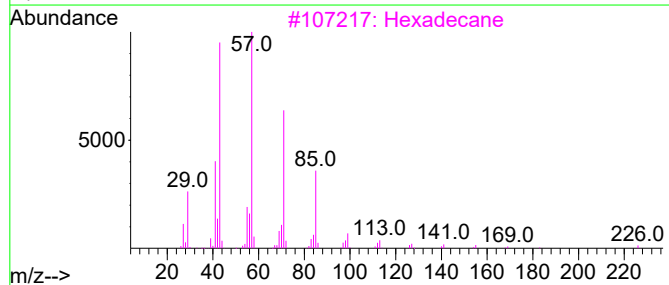
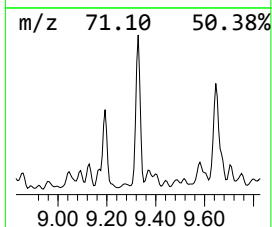
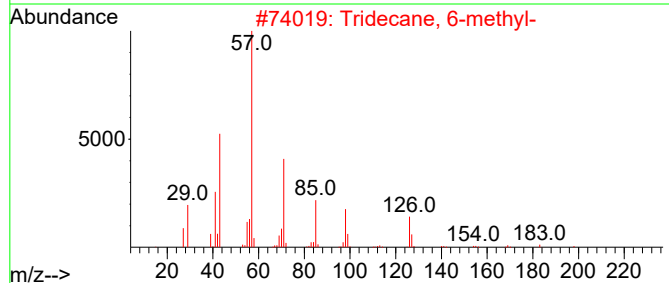
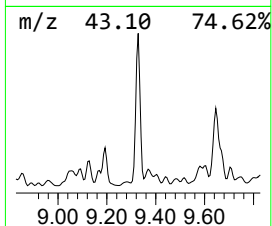
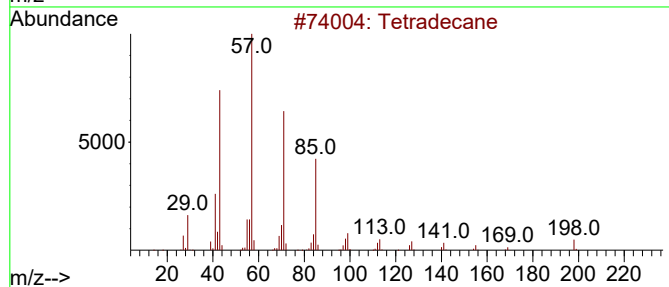
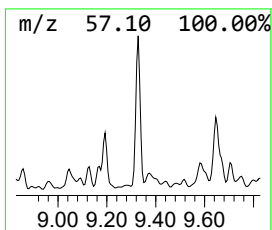
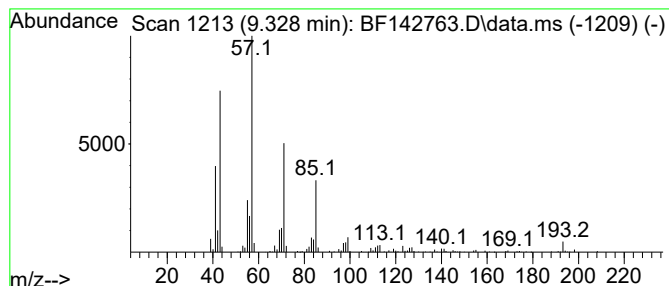
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	22.76 ng	355116	Acenaphthene-d10	9.934

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
3		Hexadecane	226	C16H34	000544-76-3	87
4		Dodecane	170	C12H26	000112-40-3	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
Acq On : 12 Jun 2025 17:57
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

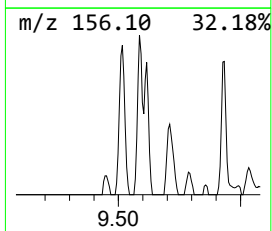
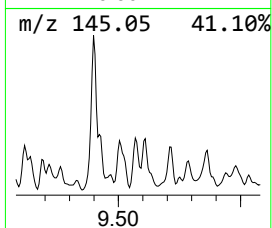
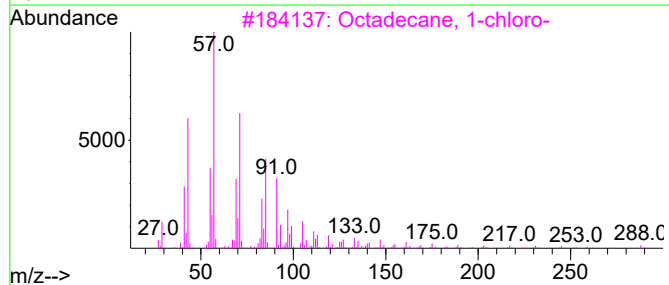
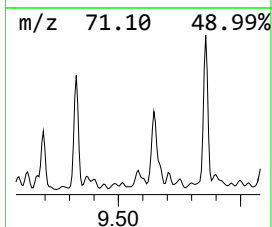
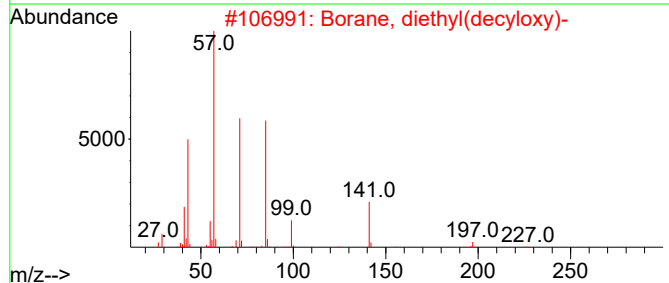
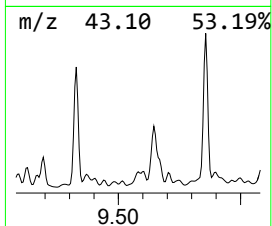
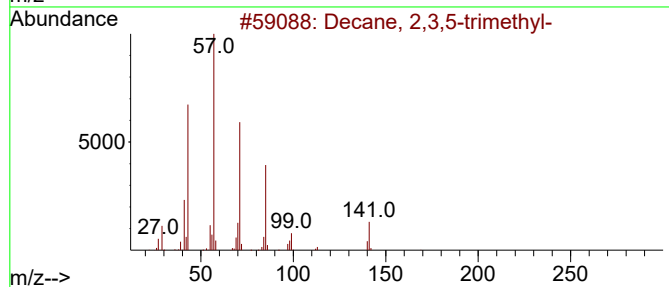
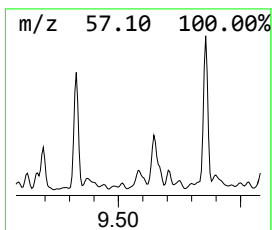
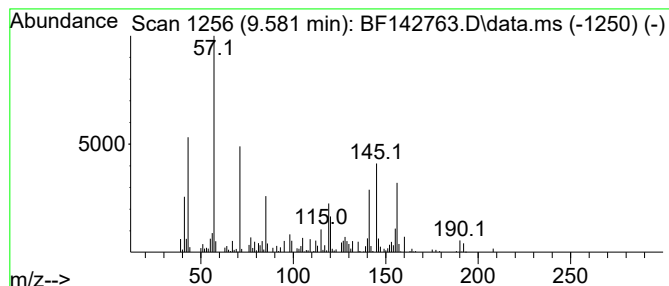
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.581 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	7.93 ng	123771	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35
2			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	27
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	27
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	22
5			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
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Sample : Q2223-03 5X
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ClientSampleId :
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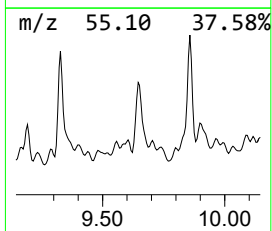
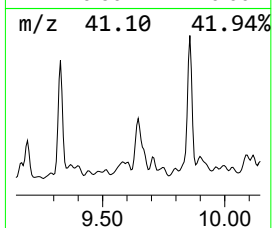
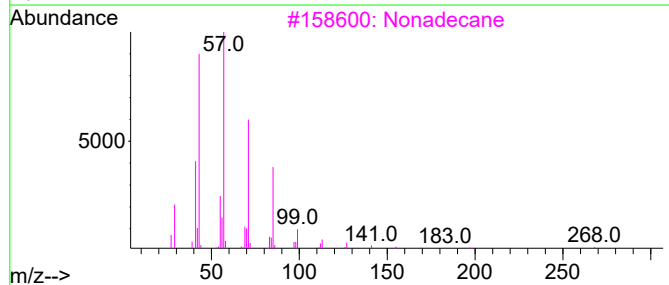
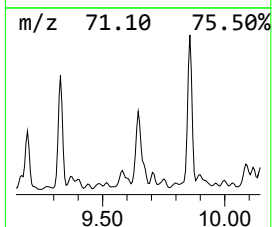
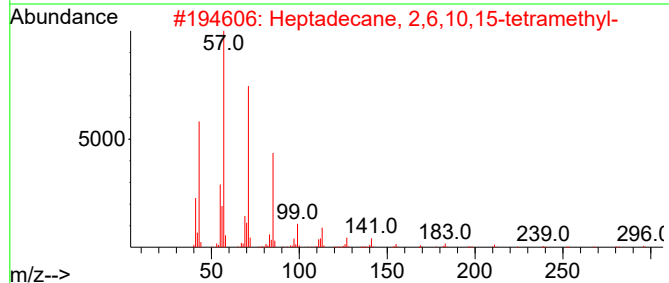
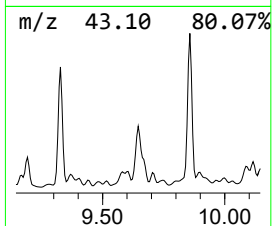
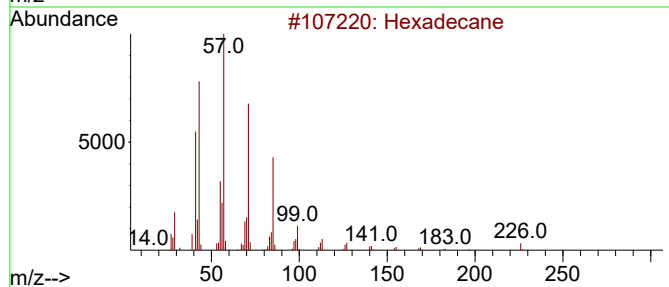
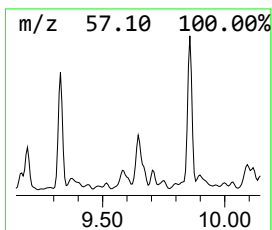
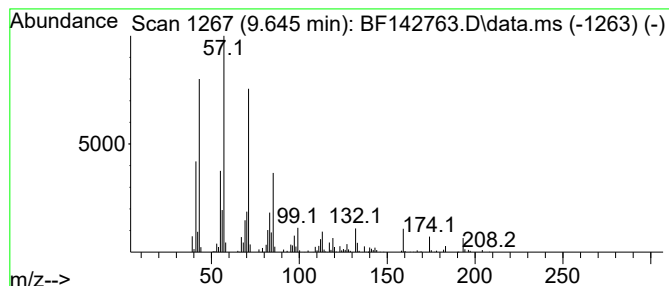
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	14.46 ng	225600	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	80
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3			Nonadecane	268	C19H40	000629-92-5	80
4			Octacosane	394	C28H58	000630-02-4	72
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
Acq On : 12 Jun 2025 17:57
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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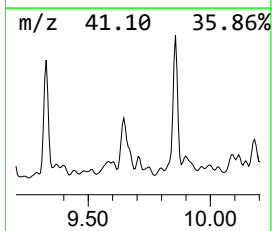
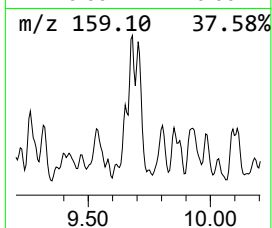
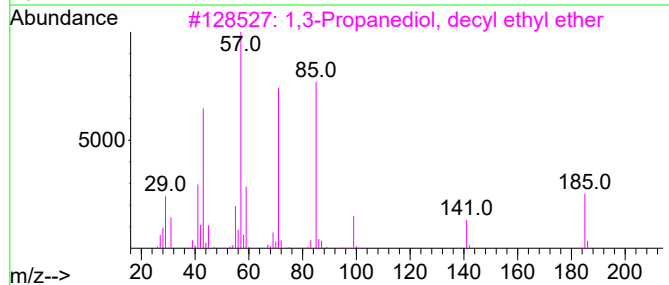
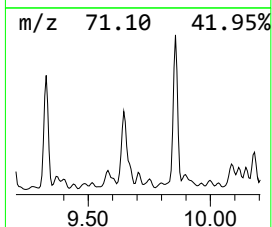
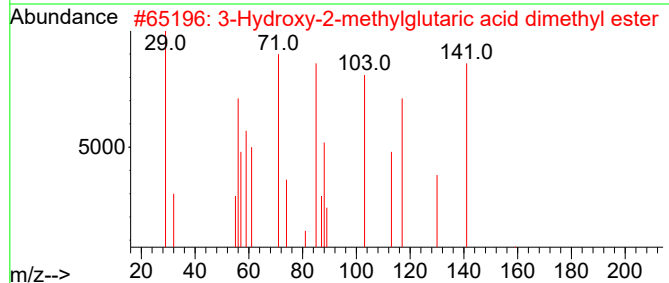
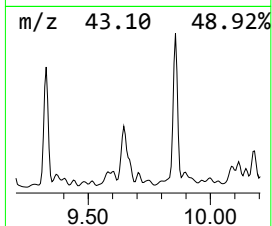
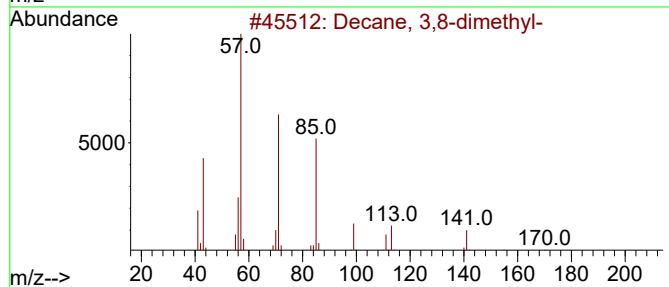
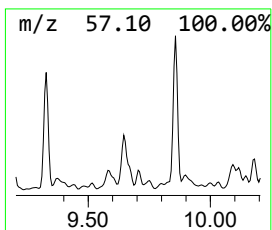
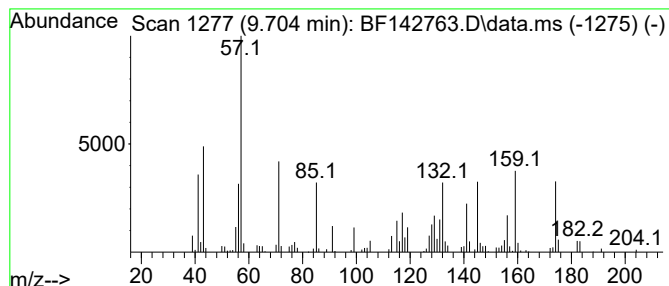
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.704 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	5.08 ng	79199	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	27
2			3-Hydroxy-2-methylglutaric acid ...	190	C8H14O5	085547-41-7	27
3			1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	22
4			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	22
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
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ClientSampleId :
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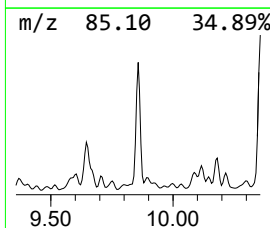
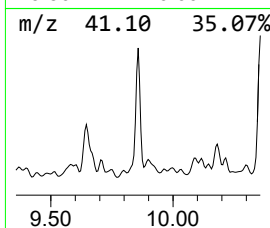
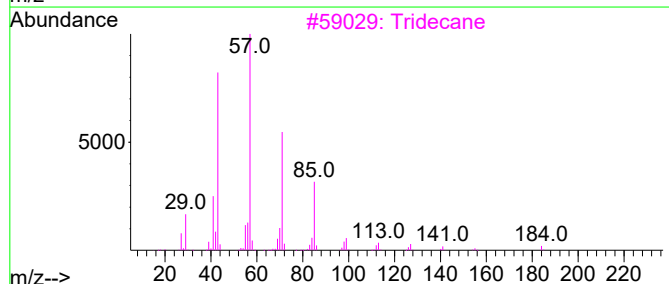
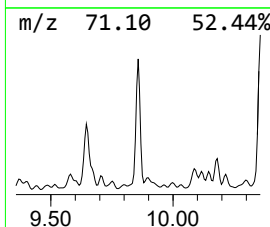
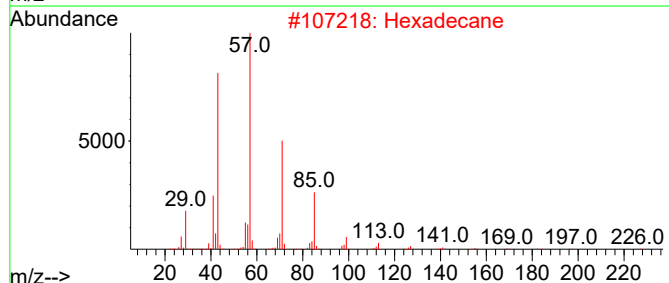
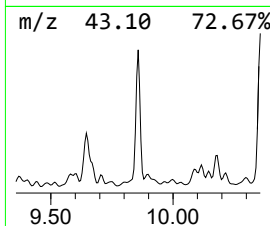
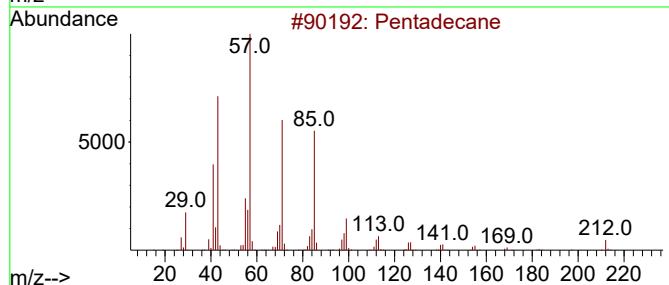
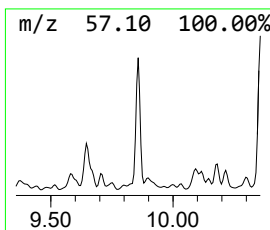
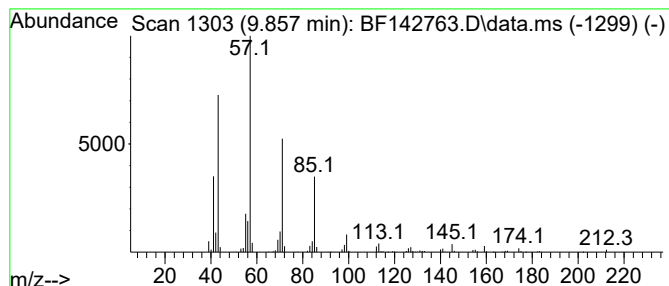
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.857	24.11 ng	376187	Acenaphthene-d10	9.934

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			Tridecane	184	C13H28	000629-50-5	86
4			Tetradecane	198	C14H30	000629-59-4	86
5			Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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Operator : RC/JU
Sample : Q2223-03 5X
Misc :
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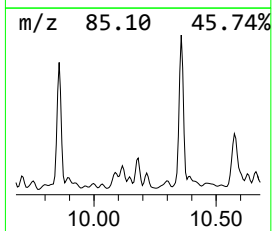
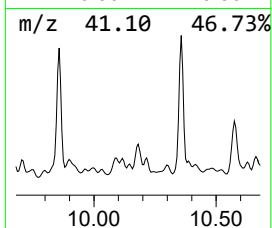
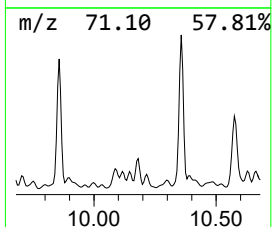
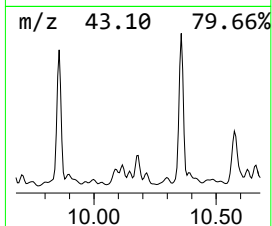
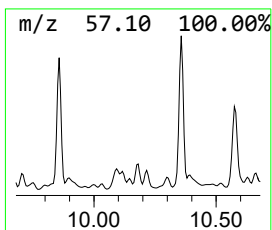
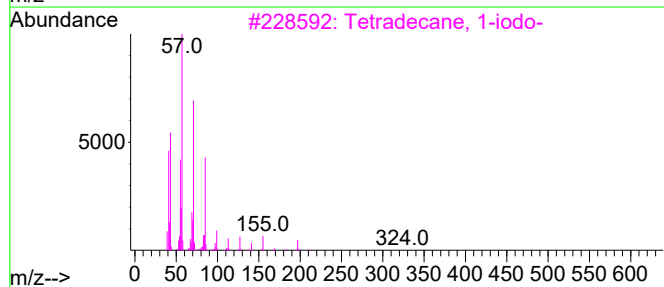
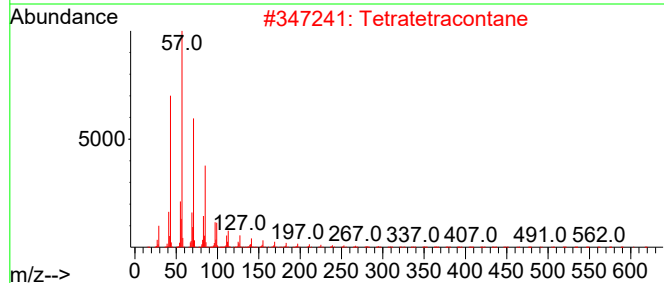
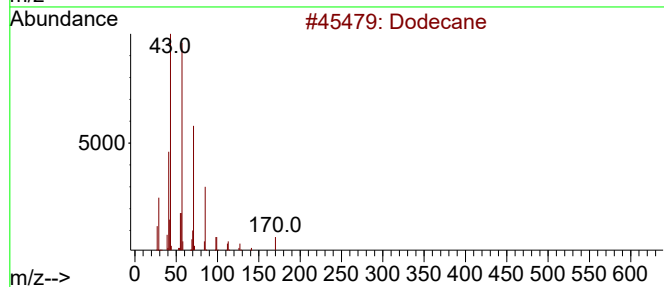
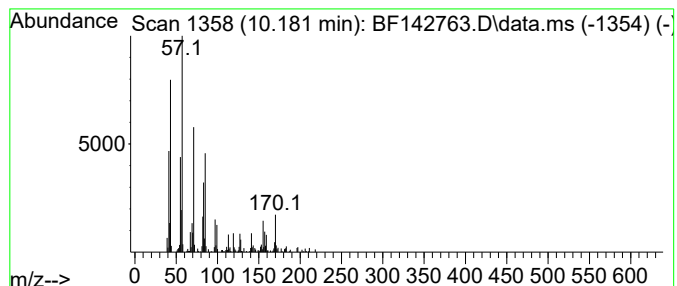
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.181	7.66 ng	119539	Acenaphthene-d10	9.934	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	70
2	Tetratetracontane	619	C44H90	007098-22-8	68
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Octacosane	394	C28H58	000630-02-4	62



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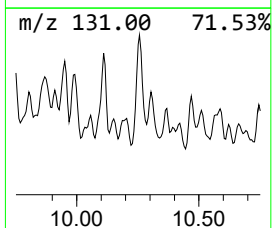
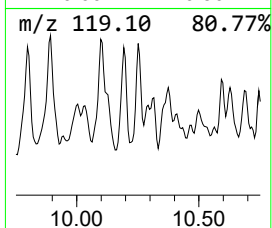
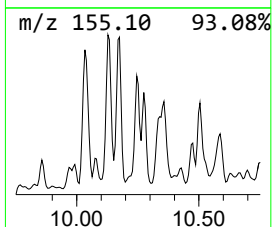
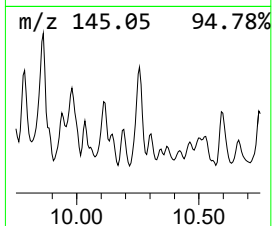
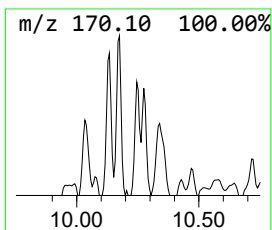
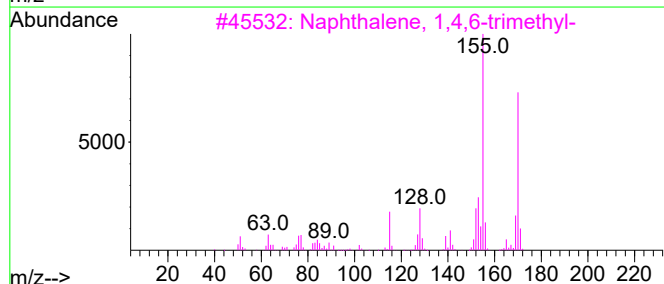
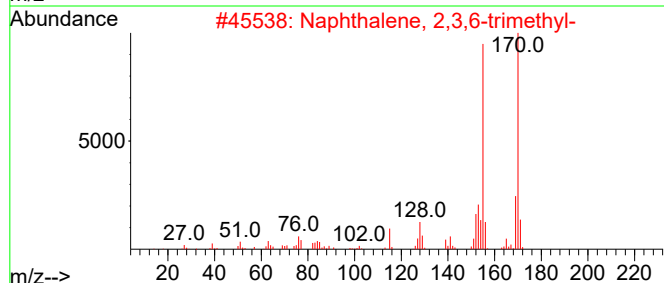
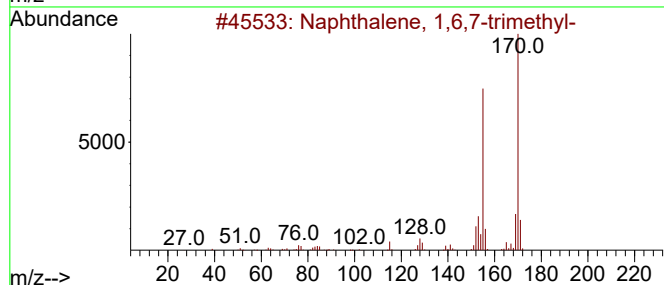
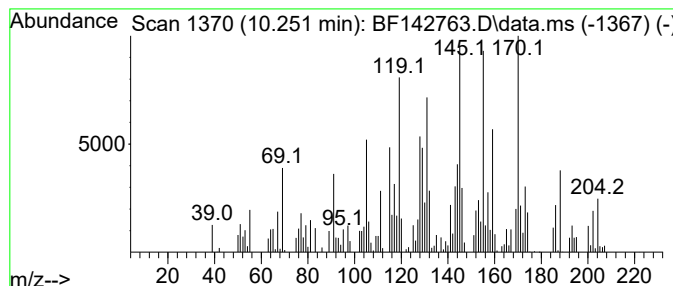
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	5.86 ng	91397	Acenaphthene-d10	9.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	53
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	45
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	30
5			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
Acq On : 12 Jun 2025 17:57
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

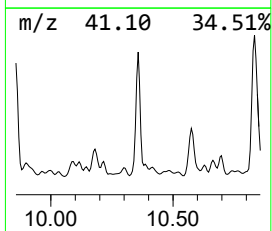
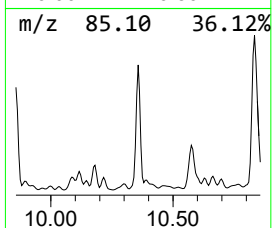
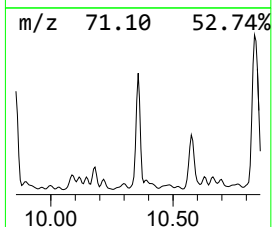
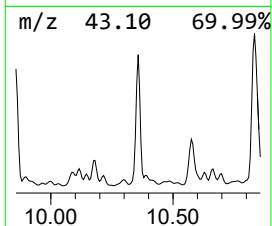
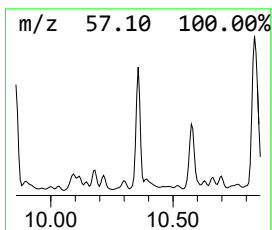
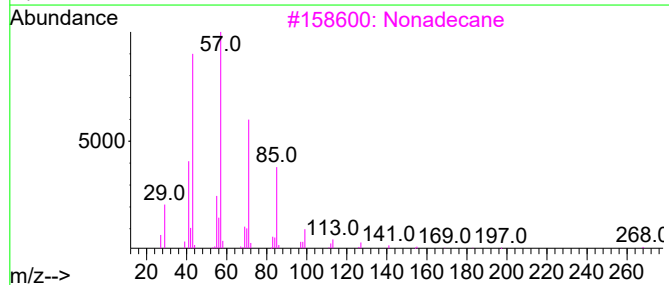
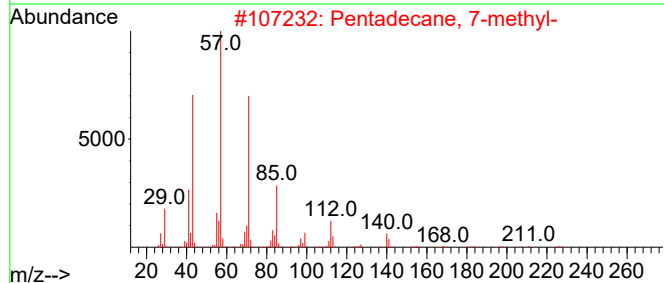
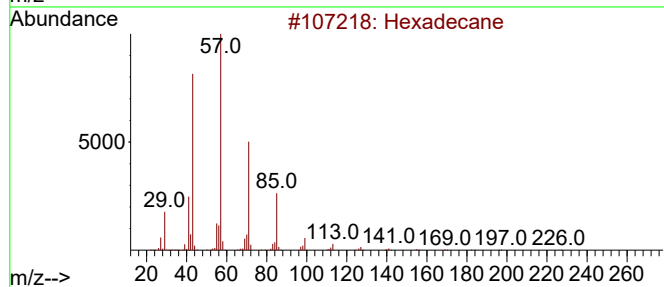
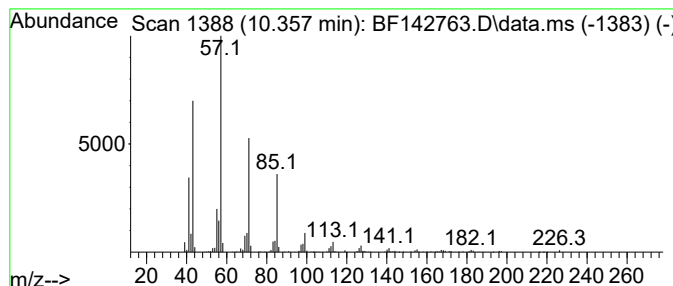
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	31.87 ng	497372	Acenaphthene-d10	9.934

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	97
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Tetracosane	338	C24H50	000646-31-1	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
Acq On : 12 Jun 2025 17:57
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

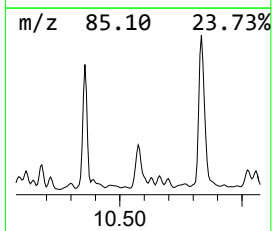
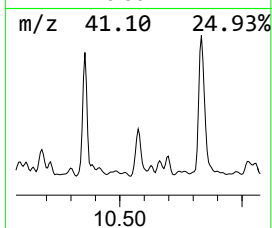
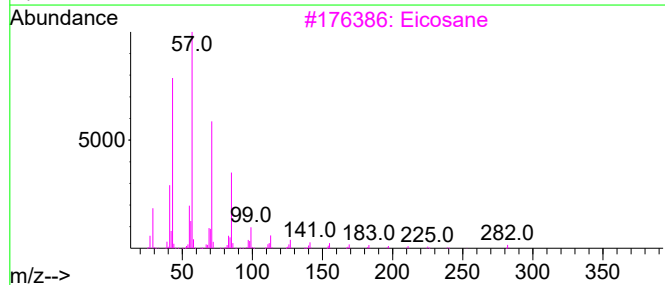
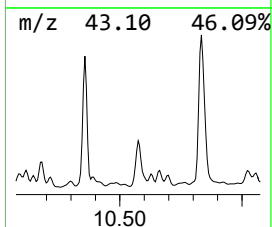
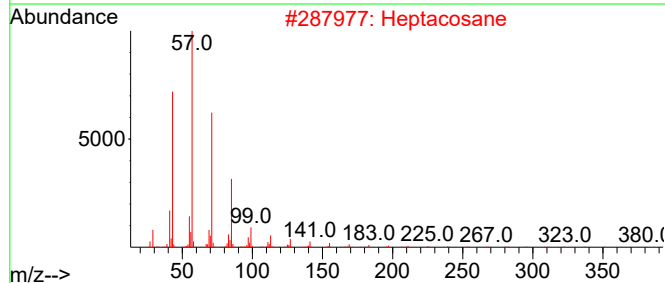
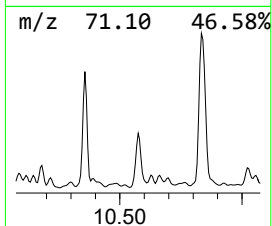
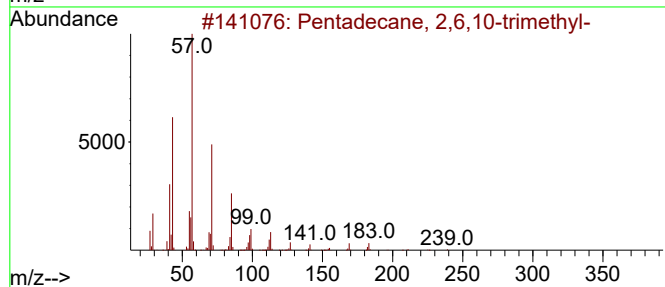
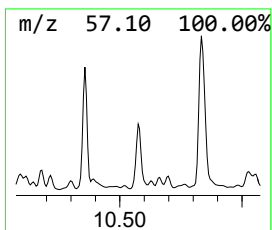
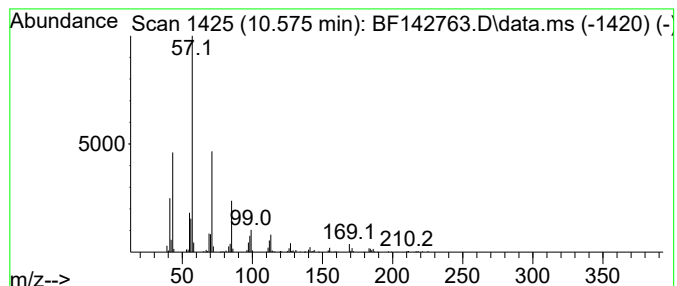
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.575	17.64 ng	275276	Acenaphthene-d10		9.934	
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	Eicosane		282	C20H42	000112-95-8	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 : BF142763.D
Acq On : 12 Jun 2025 17:57
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

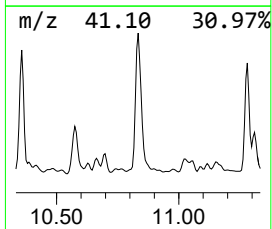
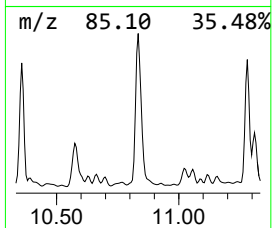
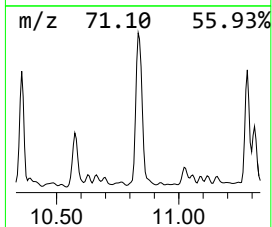
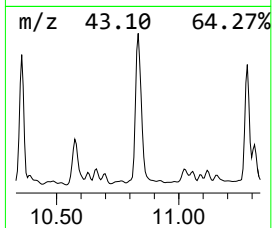
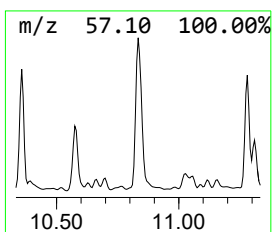
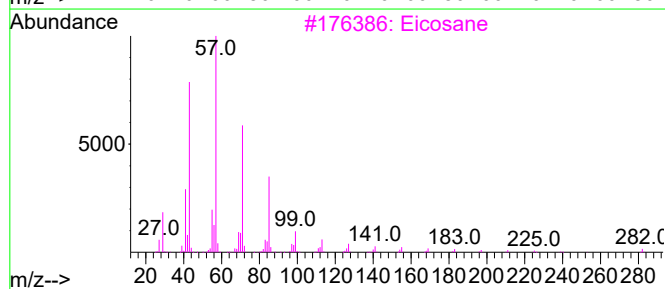
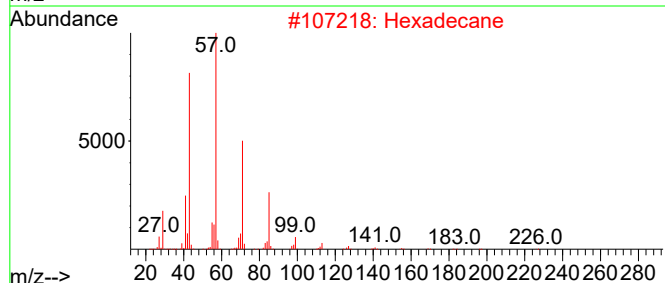
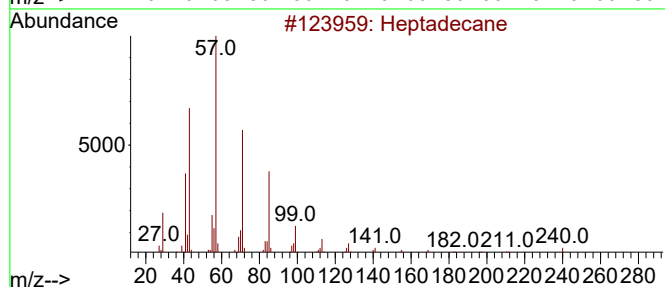
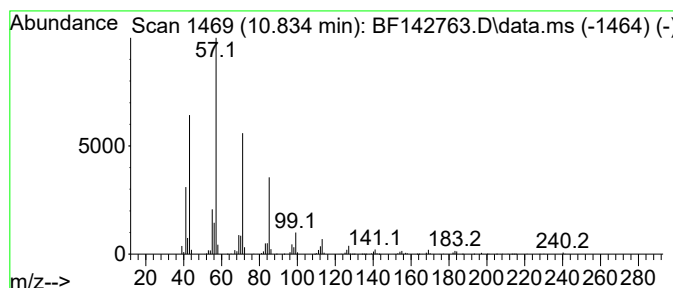
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.834	43.99 ng	801241	Phenanthrene-d10	11.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexadecane	226	C16H34	000544-76-3	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
5	Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
Acq On : 12 Jun 2025 17:57
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

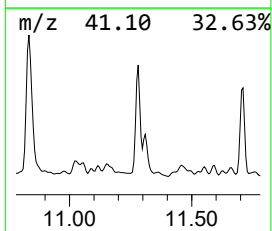
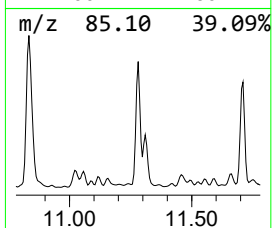
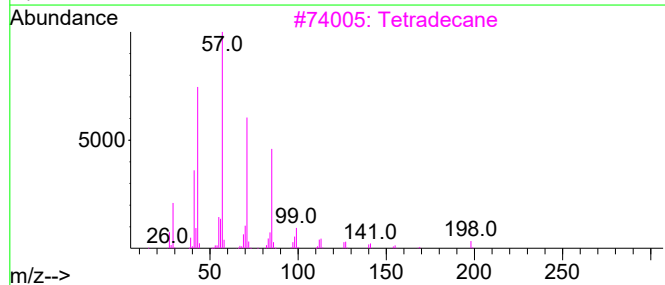
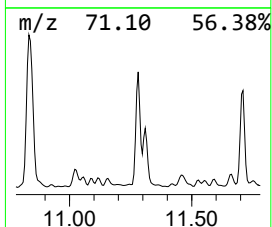
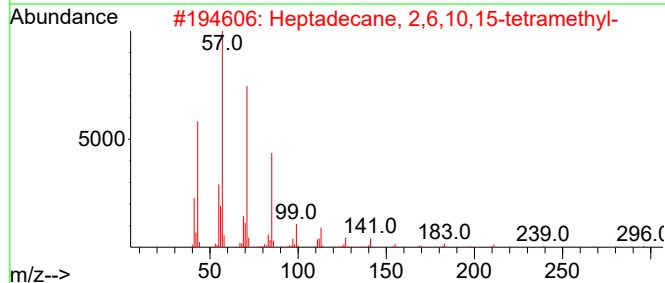
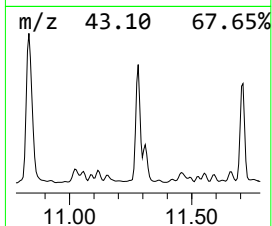
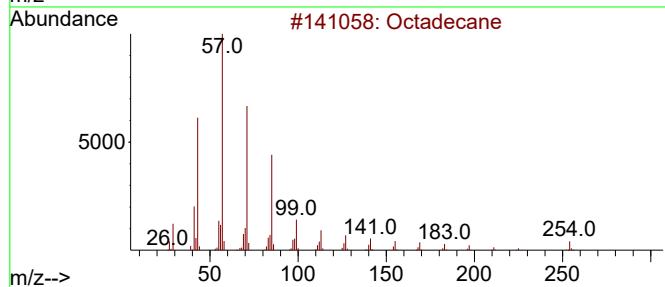
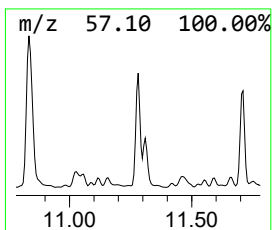
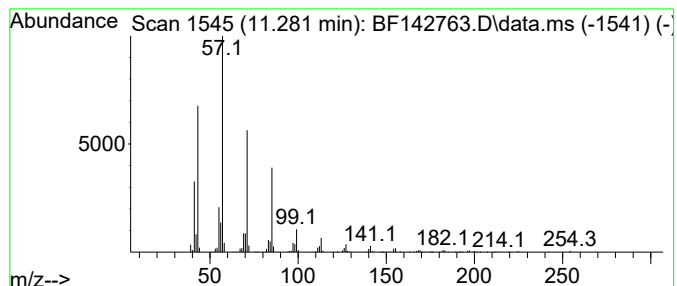
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.281	26.07 ng	474913	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	94
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	91
3	Tetradecane		198	C14H30	000629-59-4	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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ALS Vial : 17 Sample Multiplier: 1

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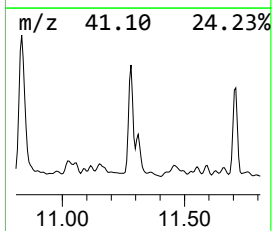
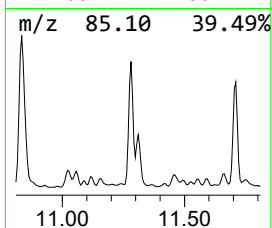
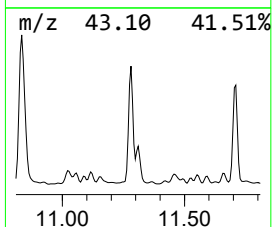
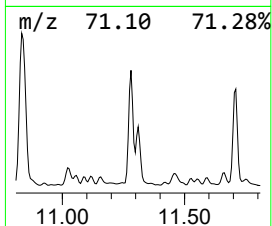
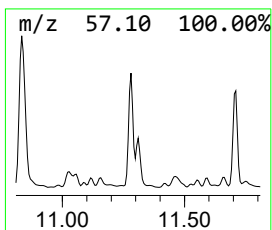
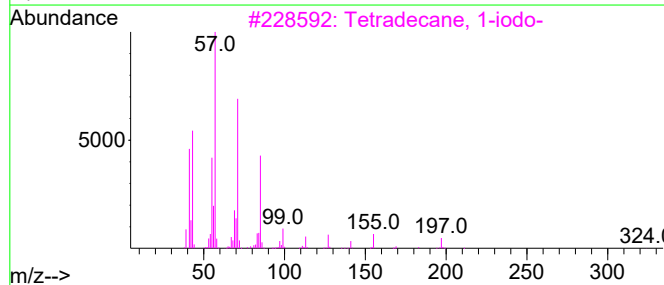
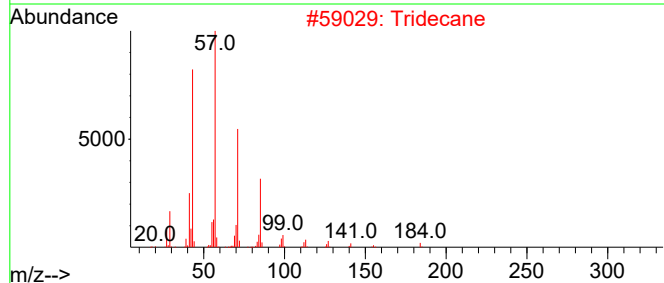
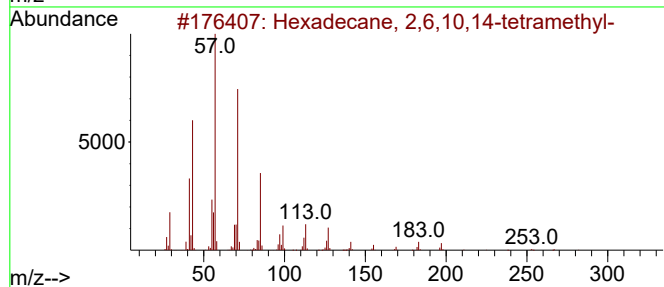
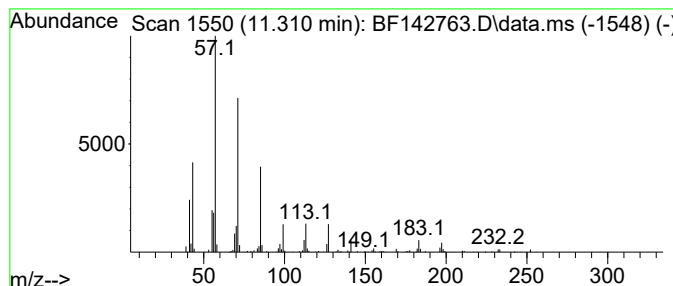
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	11.83 ng	215448	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	86
2		Tridecane	184	C13H28	000629-50-5	83
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4		Hexacosane	366	C26H54	000630-01-3	78
5		Hentriacontane	437	C31H64	000630-04-6	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
Acq On : 12 Jun 2025 17:57
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Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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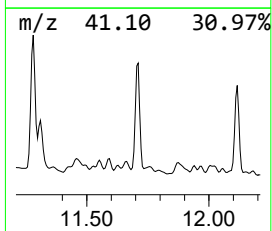
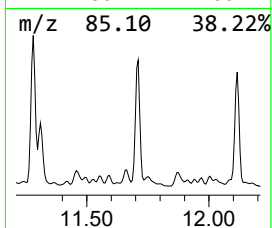
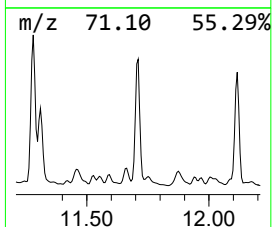
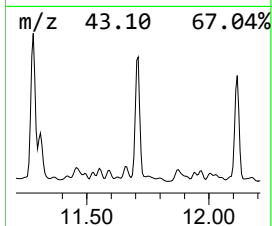
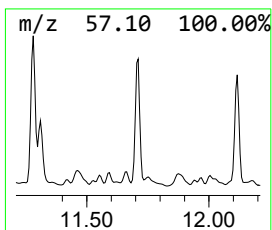
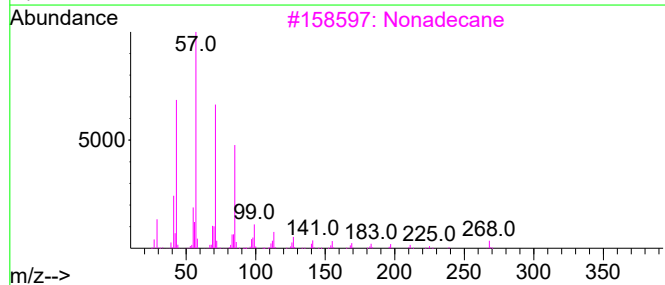
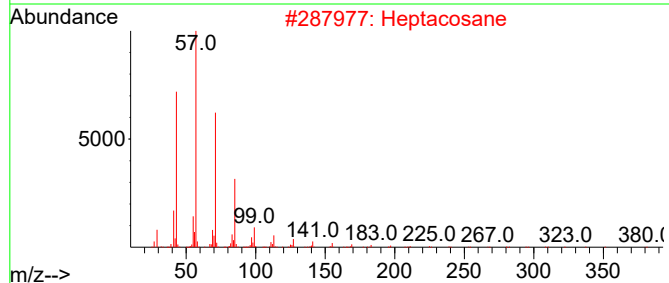
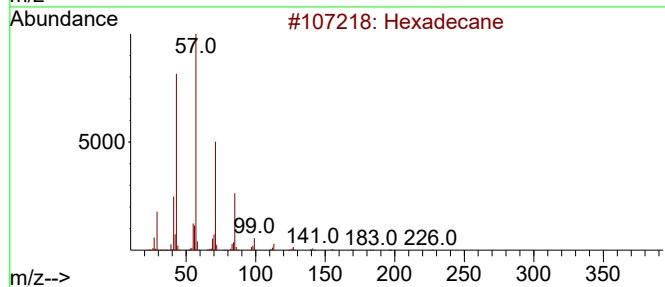
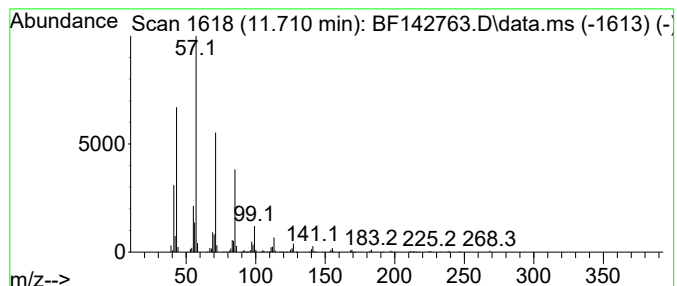
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	20.54 ng	374084	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Heptacosane	380	C27H56	000593-49-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
Acq On : 12 Jun 2025 17:57
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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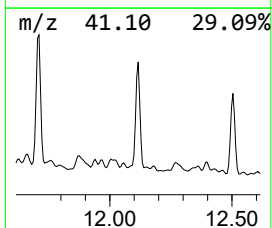
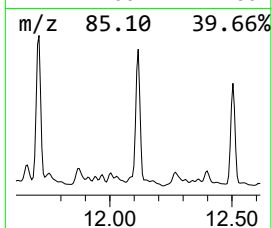
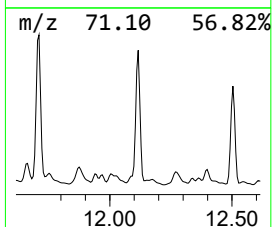
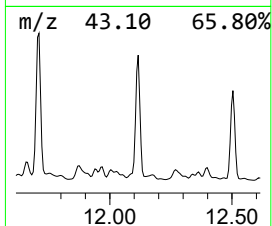
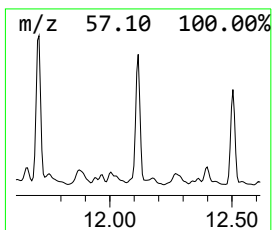
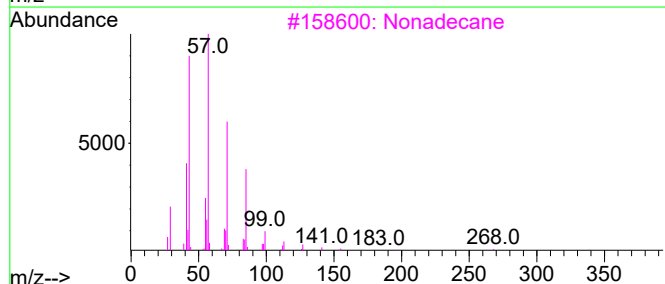
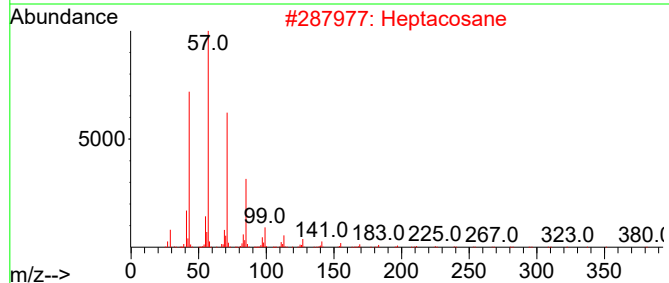
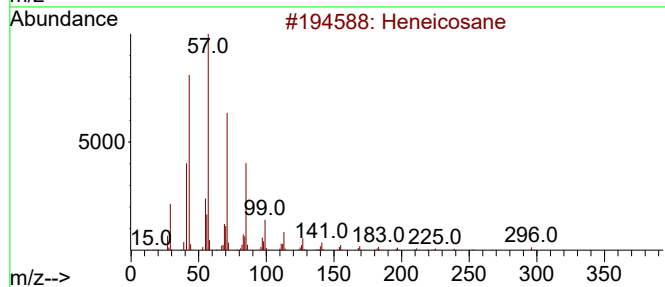
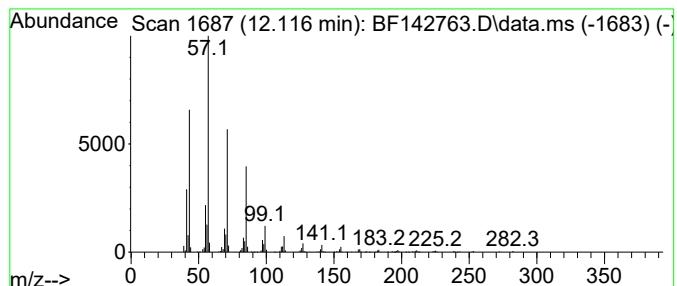
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	17.55 ng	319725	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Octadecane	254	C18H38	000593-45-3	91
5			Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
Acq On : 12 Jun 2025 17:57
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

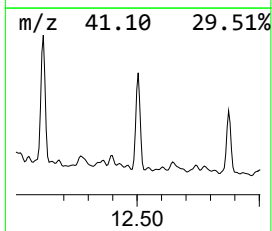
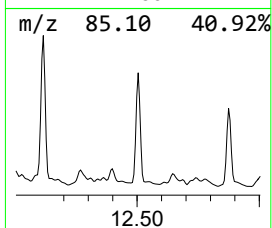
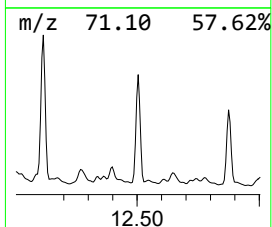
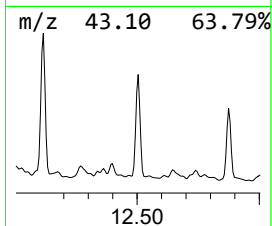
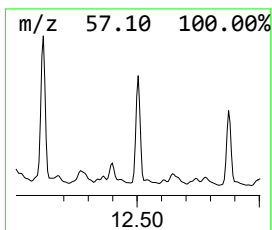
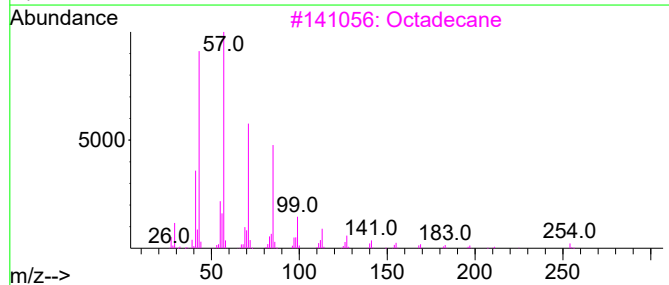
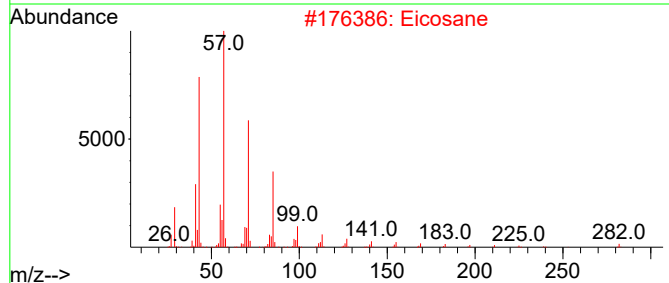
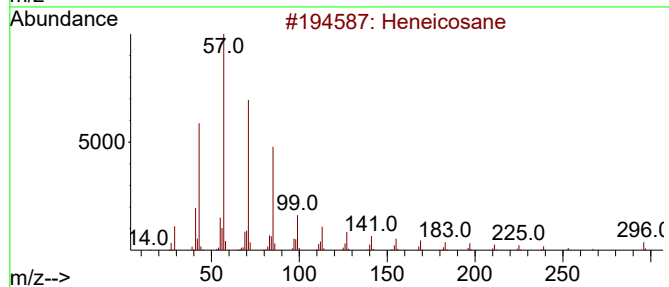
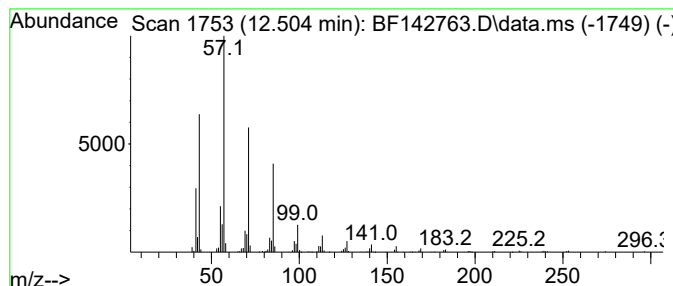
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	13.91 ng	253407	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	96
2			Eicosane	282	C20H42	000112-95-8	91
3			Octadecane	254	C18H38	000593-45-3	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
Acq On : 12 Jun 2025 17:57
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

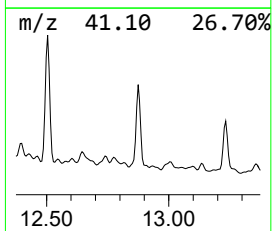
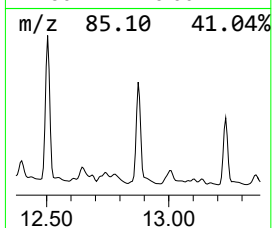
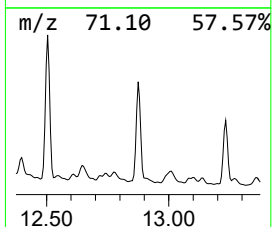
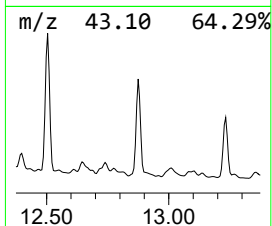
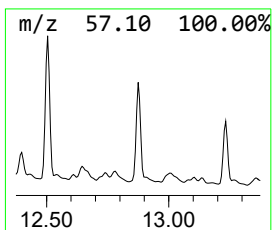
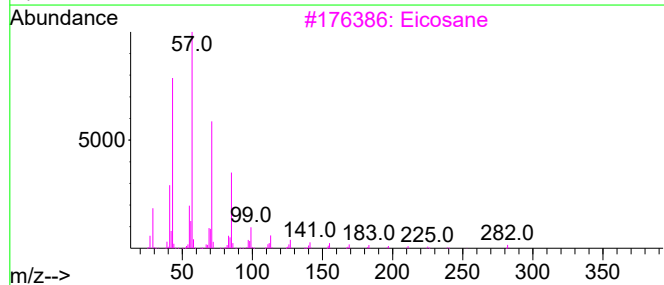
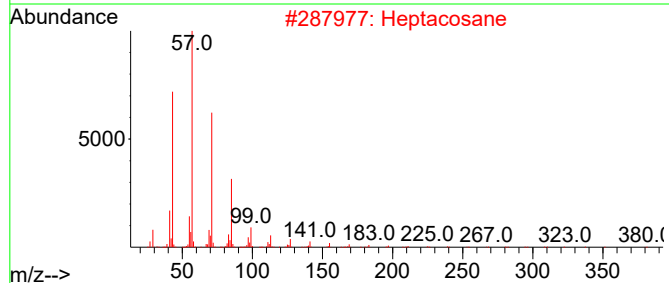
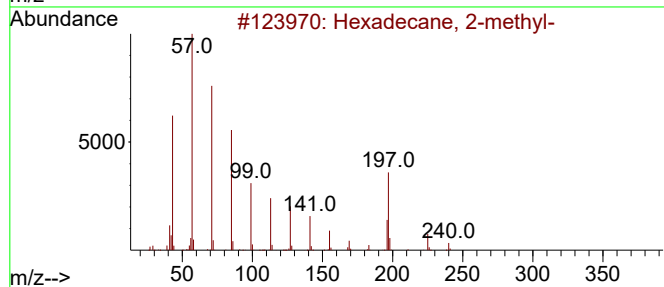
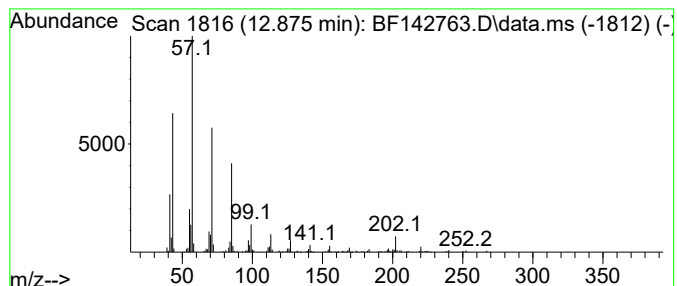
Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

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 Hexadecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.875	9.95 ng	190057	Chrysene-d12		14.063	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-		240	C17H36	001560-92-5	91
2	Heptacosane		380	C27H56	000593-49-7	90
3	Eicosane		282	C20H42	000112-95-8	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Tetracosane		338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
Acq On : 12 Jun 2025 17:57
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

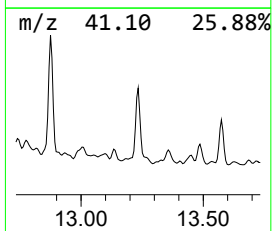
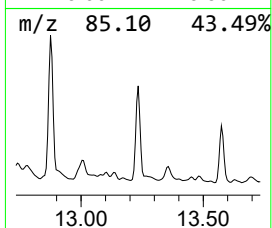
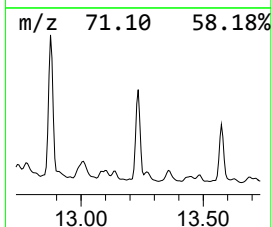
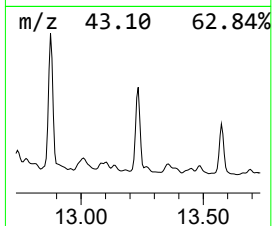
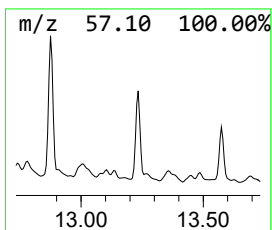
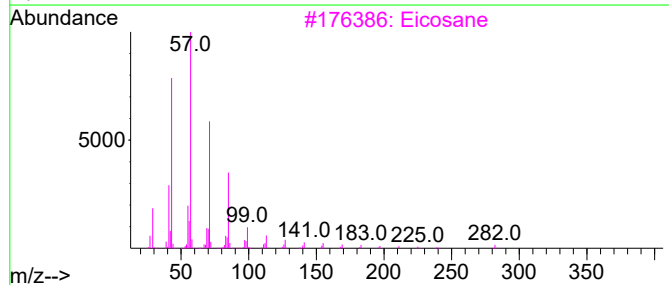
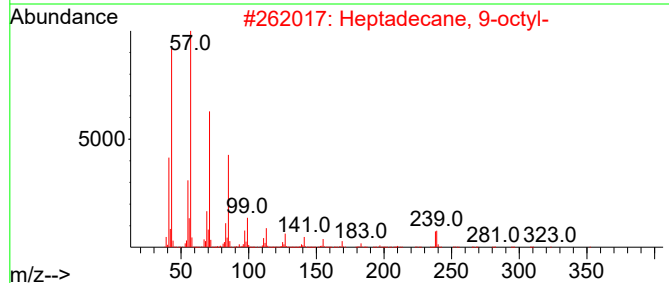
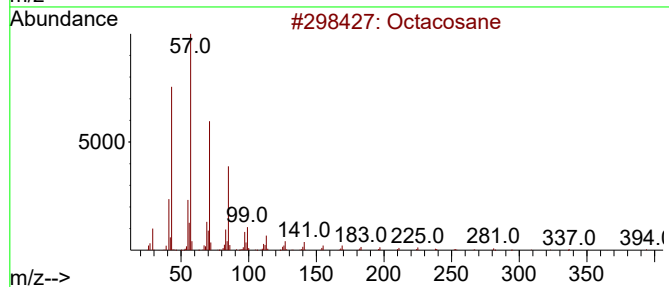
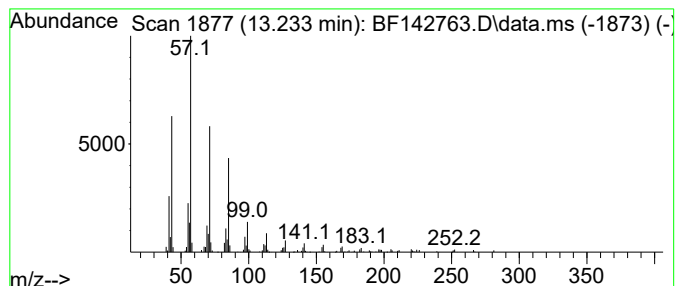
Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

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 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.233	5.91 ng	112940	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142763.D
Acq On : 12 Jun 2025 17:57
Operator : RC/JU
Sample : Q2223-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-06042025

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
Tridecane	8.763	7.0	ng	193836	2	8.175	552217	20.0
unknown9.122	9.122	5.7	ng	89234	3	9.934	312078	20.0
Dodecane, 2,6,1...	9.192	8.4	ng	130992	3	9.934	312078	20.0
Tetradecane	9.328	22.8	ng	355116	3	9.934	312078	20.0
unknown9.581	9.581	7.9	ng	123771	3	9.934	312078	20.0
Hexadecane	9.645	14.5	ng	225600	3	9.934	312078	20.0
unknown9.704	9.704	5.1	ng	79199	3	9.934	312078	20.0
Pentadecane	9.857	24.1	ng	376187	3	9.934	312078	20.0
Dodecane	10.181	7.7	ng	119539	3	9.934	312078	20.0
Naphthalene, 1,...	10.251	5.9	ng	91397	3	9.934	312078	20.0
Pentadecane, 7-...	10.357	31.9	ng	497372	3	9.934	312078	20.0
Pentadecane, 2,...	10.575	17.6	ng	275276	3	9.934	312078	20.0
Heptadecane	10.834	44.0	ng	801241	4	11.422	364299	20.0
Octadecane	11.281	26.1	ng	474913	4	11.422	364299	20.0
Hexadecane, 2,6...	11.310	11.8	ng	215448	4	11.422	364299	20.0
Heptacosane	11.710	20.5	ng	374084	4	11.422	364299	20.0
Heneicosane	12.116	17.6	ng	319725	4	11.422	364299	20.0
Eicosane	12.504	13.9	ng	253407	4	11.422	364299	20.0
Hexadecane, 2-m...	12.875	9.9	ng	190057	5	14.063	382168	20.0
Octacosane	13.233	5.9	ng	112940	5	14.063	382168	20.0