

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141773.D
 Acq On : 25 Feb 2025 19:33
 Operator : RC/JU
 Sample : Q1418-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-02242025

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-BF020625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141773.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	558	563	579	rBV	587332	908669	35.46%	2.182%
2	5.681	606	610	616	rVB	20342	26728	1.04%	0.064%
3	6.028	663	669	675	rBV5	23685	44379	1.73%	0.107%
4	6.216	695	701	703	rBV2	16595	26798	1.05%	0.064%
5	6.304	713	716	720	rBV	56911	72478	2.83%	0.174%
6	6.375	724	728	732	rVB3	28423	45145	1.76%	0.108%
7	6.422	732	736	748	rBV	600944	974709	38.04%	2.341%
8	6.516	748	752	757	rBV4	18397	30926	1.21%	0.074%
9	6.610	763	768	775	rVB2	225354	322879	12.60%	0.775%
10	6.734	780	789	791	rBV2	25330	54231	2.12%	0.130%
11	6.781	792	797	803	rVV	354938	502939	19.63%	1.208%
12	6.833	803	806	811	rVB	51984	65693	2.56%	0.158%
13	6.922	818	821	825	rBV3	52926	72925	2.85%	0.175%
14	6.957	825	827	832	rVB	34389	38549	1.50%	0.093%
15	7.051	832	843	846	rBV2	147950	278716	10.88%	0.669%
16	7.098	846	851	858	rVB3	115923	269652	10.52%	0.648%
17	7.169	858	863	867	rBV2	157567	216189	8.44%	0.519%
18	7.245	873	876	878	rBV	61427	80244	3.13%	0.193%
19	7.316	883	888	889	rBV	153392	198610	7.75%	0.477%
20	7.345	889	893	895	rVV	474813	618411	24.13%	1.485%
21	7.375	895	898	902	rVB	488701	591272	23.08%	1.420%
22	7.428	902	907	910	rBV3	115295	163156	6.37%	0.392%
23	7.463	910	913	915	rBV2	62259	80181	3.13%	0.193%
24	7.581	929	933	942	rVB3	234824	407767	15.91%	0.979%
25	7.686	943	951	952	rBV4	143447	297522	11.61%	0.714%
26	7.739	957	960	964	rVV3	198854	299554	11.69%	0.719%
27	7.804	964	971	977	rVV6	278408	763189	29.78%	1.833%
28	7.857	977	980	982	rVV2	108884	153359	5.99%	0.368%
29	7.898	985	987	990	rVB	141629	150026	5.86%	0.360%
30	7.933	990	993	996	rVB	69463	68979	2.69%	0.166%
31	7.963	996	998	1002	rVB2	67341	68191	2.66%	0.164%
32	8.045	1002	1012	1021	rBV4	1033298	2443876	95.38%	5.868%
33	8.116	1021	1024	1028	rVB2	256605	374324	14.61%	0.899%
34	8.151	1028	1030	1037	rVB4	126858	191376	7.47%	0.460%
35	8.233	1038	1044	1045	rBV4	111341	180709	7.05%	0.434%
36	8.257	1045	1048	1052	rVB	179097	228781	8.93%	0.549%

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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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.310	1053	1057	1059	rBV3	69213	99918	3.90%	0.240%
38	8.351	1059	1064	1070	rBV6	264313	481324	18.78%	1.156%
39	8.410	1071	1074	1076	rBV2	136687	149875	5.85%	0.360%
40	8.439	1076	1079	1083	rVV3	200128	262314	10.24%	0.630%
41	8.480	1083	1086	1092	rVB2	262182	354780	13.85%	0.852%
42	8.569	1097	1101	1104	rBV2	413327	544169	21.24%	1.307%
43	8.651	1111	1115	1119	rBV	1064574	1357480	52.98%	3.260%
44	8.722	1124	1127	1130	rVV	113548	149086	5.82%	0.358%
45	8.816	1140	1143	1145	rBV3	66496	91781	3.58%	0.220%
46	8.886	1150	1155	1159	rVV4	359262	558409	21.79%	1.341%
47	9.016	1173	1177	1181	rVB2	260208	408315	15.94%	0.980%
48	9.057	1181	1184	1185	rBV	133830	141316	5.52%	0.339%
49	9.080	1185	1188	1194	rVV3	328166	459852	17.95%	1.104%
50	9.133	1194	1197	1202	rVB	797374	990577	38.66%	2.379%
51	9.216	1206	1211	1216	rBV	1297818	1758707	68.64%	4.223%
52	9.286	1220	1223	1229	rVB	250763	330388	12.89%	0.793%
53	9.475	1248	1255	1256	rBV6	274531	532230	20.77%	1.278%
54	9.533	1261	1265	1268	rBV4	502289	755377	29.48%	1.814%
55	9.592	1273	1275	1279	rVB	288100	338532	13.21%	0.813%
56	9.680	1287	1290	1293	rBV4	107452	156903	6.12%	0.377%
57	9.745	1297	1301	1305	rVV	1362237	1750816	68.33%	4.204%
58	9.816	1305	1313	1317	rVV3	471196	853898	33.32%	2.050%
59	9.922	1328	1331	1335	rVB2	133108	162458	6.34%	0.390%
60	9.980	1336	1341	1343	rBV	266272	460492	17.97%	1.106%
61	10.069	1352	1356	1360	rBV5	347888	490899	19.16%	1.179%
62	10.139	1365	1368	1373	rBV7	107206	202559	7.91%	0.486%
63	10.245	1382	1386	1393	rBV	1414442	1815109	70.84%	4.359%
64	10.463	1418	1423	1429	rBV	629665	1033333	40.33%	2.481%
65	10.586	1441	1444	1445	rBV3	146729	164863	6.43%	0.396%
66	10.610	1445	1448	1452	rVB	275891	319230	12.46%	0.767%
67	10.721	1462	1467	1475	rVB	1627788	2562343	100.00%	6.153%
68	10.910	1496	1499	1501	rBV2	164905	222791	8.69%	0.535%
69	11.169	1538	1543	1546	rBV	1224391	1729412	67.49%	4.153%
70	11.198	1546	1548	1554	rVB	575949	667273	26.04%	1.602%
71	11.304	1562	1566	1569	rBV	429375	615091	24.01%	1.477%
72	11.474	1592	1595	1598	rBV	123943	134516	5.25%	0.323%
73	11.545	1604	1607	1611	rVB2	127733	151183	5.90%	0.363%
74	11.592	1611	1615	1620	rBV	1044320	1250557	48.81%	3.003%
75	11.833	1653	1656	1662	rVB4	141836	250080	9.76%	0.601%
76	11.998	1680	1684	1689	rVB	853313	1034587	40.38%	2.484%

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.280	1729	1732	1735	rVB	102622	108013	4.22%	0.259%
78	12.386	1746	1750	1755	rVB	631340	766339	29.91%	1.840%
79	12.515	1769	1772	1784	rVB2	198357	361116	14.09%	0.867%
80	12.757	1807	1813	1817	rVB2	455517	732031	28.57%	1.758%
81	12.886	1830	1835	1844	rVB	672242	968608	37.80%	2.326%
82	13.110	1870	1873	1877	rBV	217454	274872	10.73%	0.660%
83	13.451	1928	1931	1936	rBV	135249	181601	7.09%	0.436%
84	13.939	2009	2014	2025	rVB2	375773	708937	27.67%	1.702%
85	15.392	2257	2261	2273	rVB2	251430	438642	17.12%	1.053%

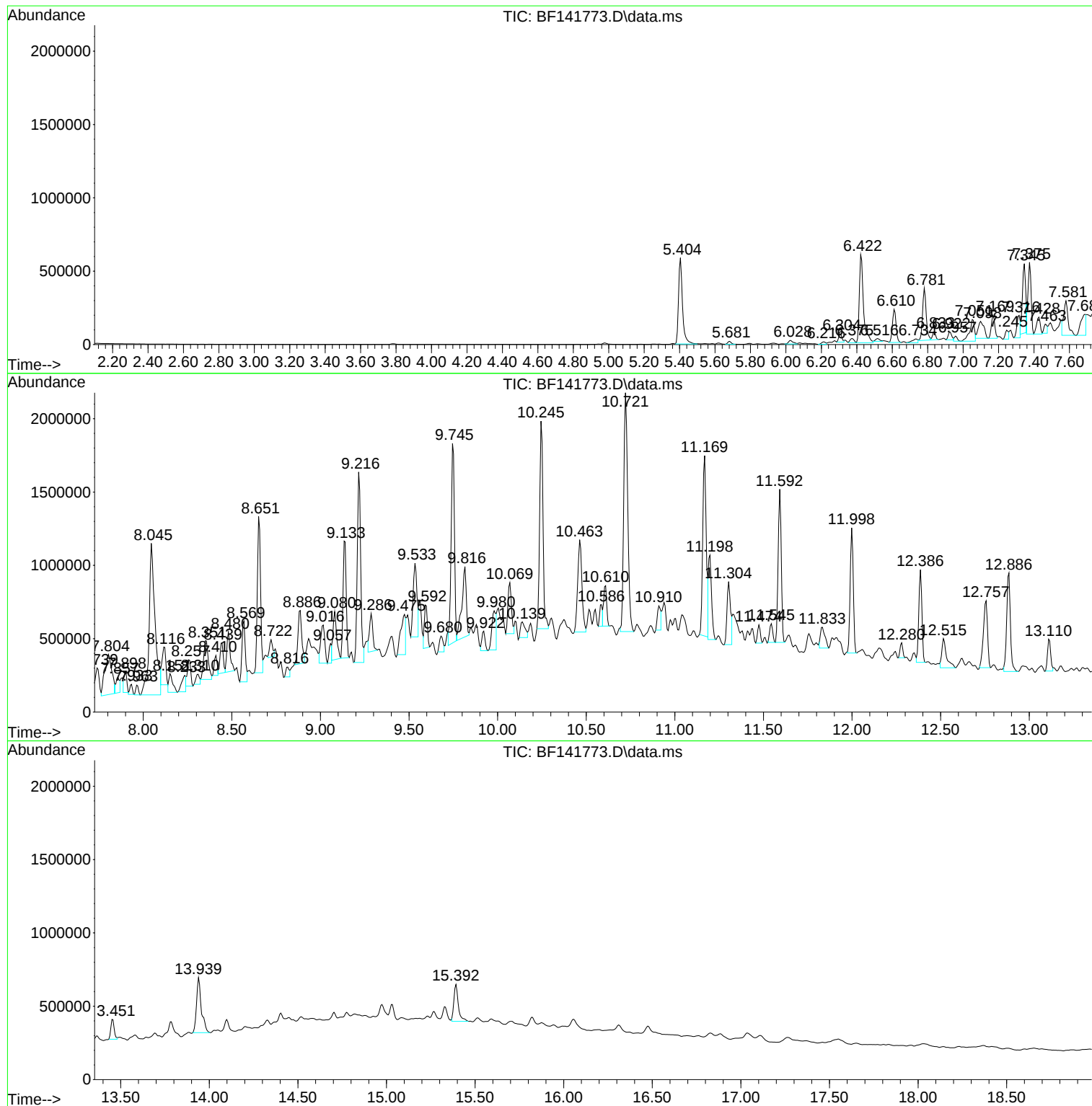
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
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Instrument :
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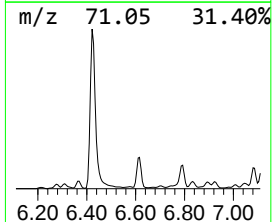
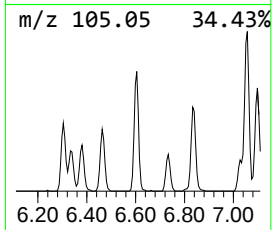
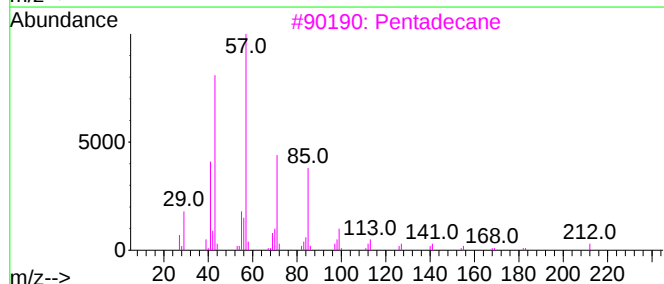
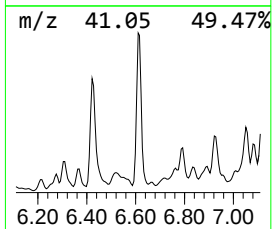
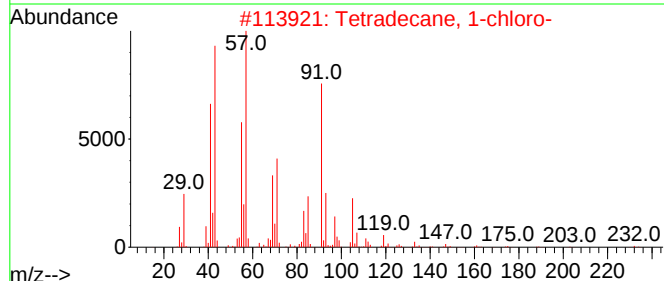
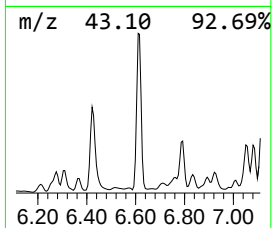
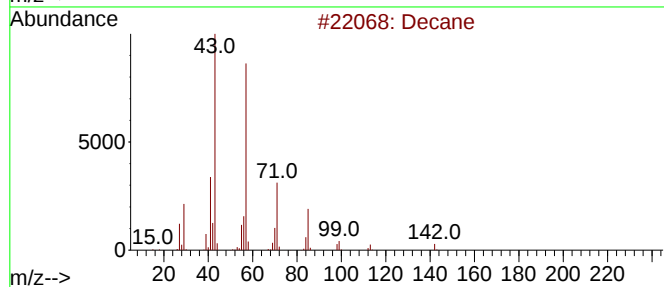
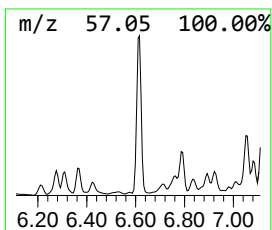
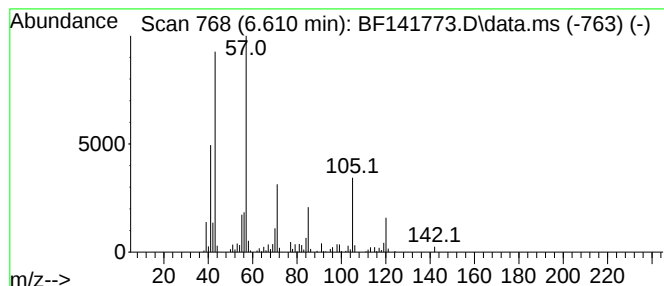
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	12.84 ng	322879	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	93
2			Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	64
3			Pentadecane	212	C15H32	000629-62-9	53
4			Octane, 4-ethyl-	142	C10H22	015869-86-0	53
5			Undecane	156	C11H24	001120-21-4	53



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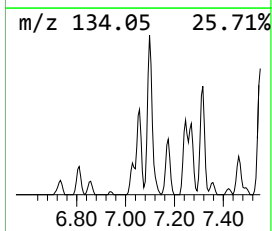
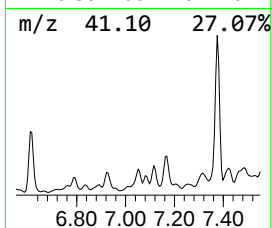
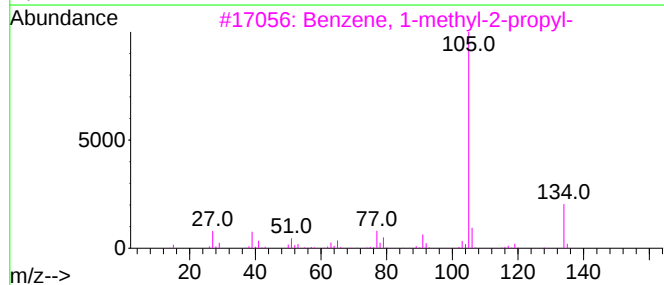
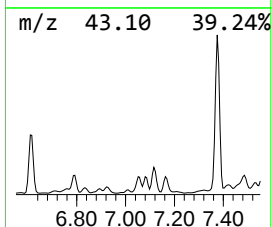
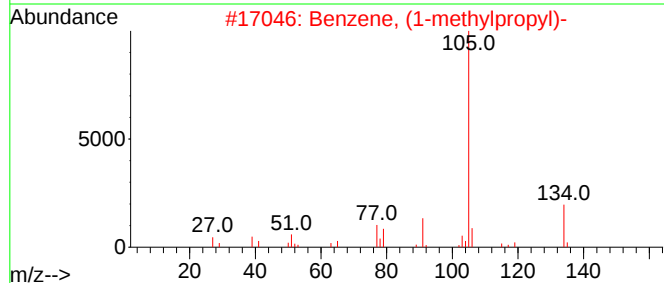
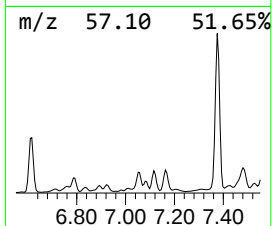
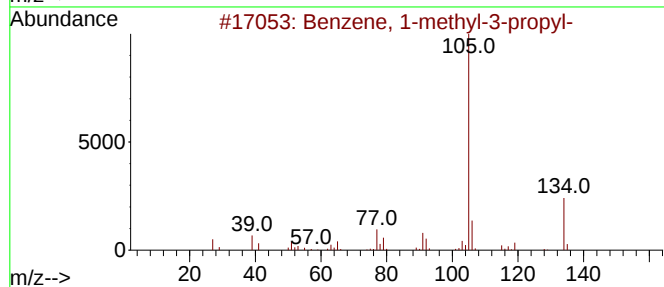
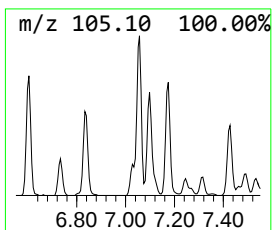
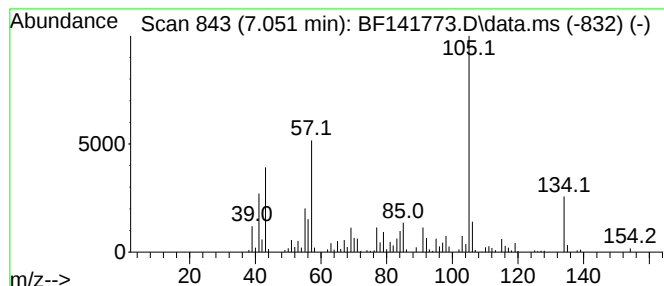
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	11.08 ng	278716	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	92
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	60



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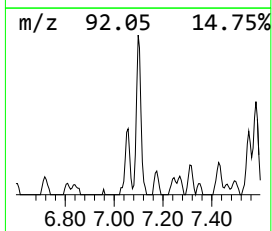
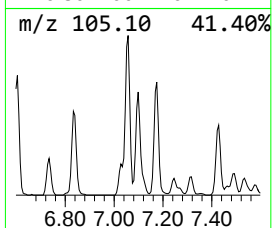
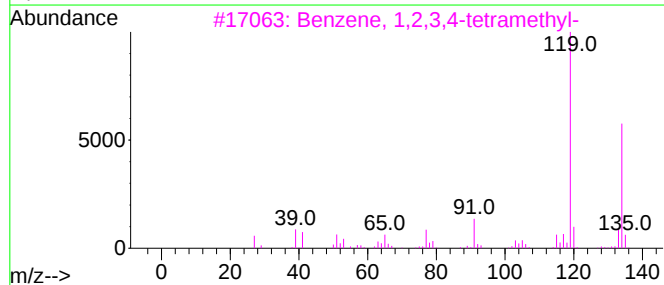
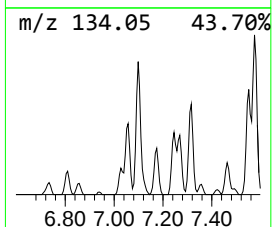
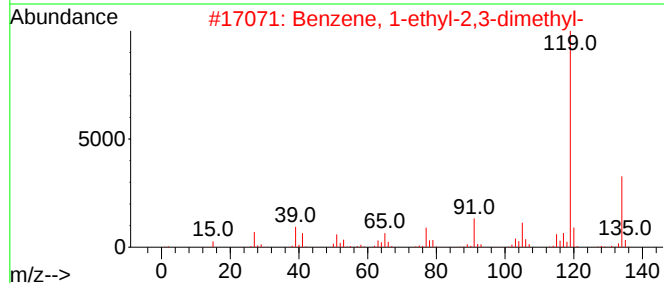
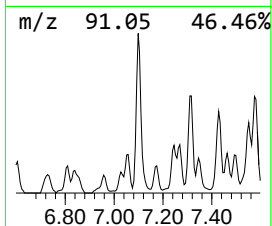
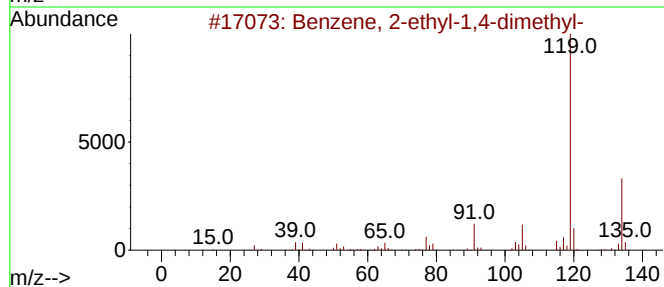
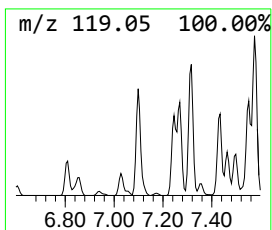
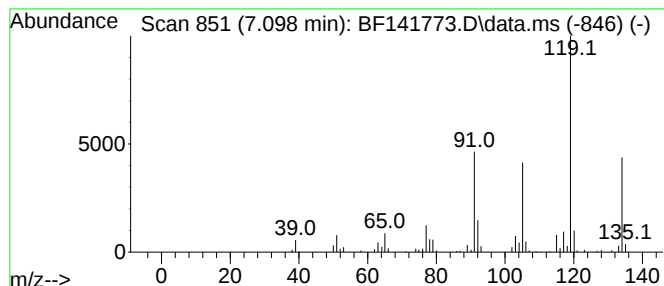
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	10.72 ng	269652	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91



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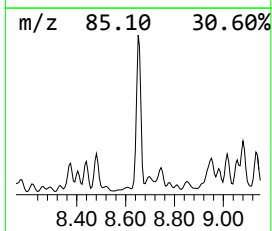
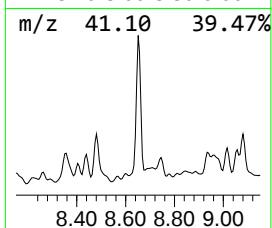
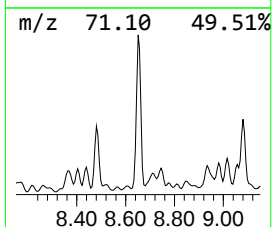
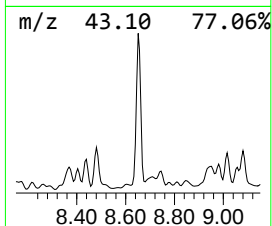
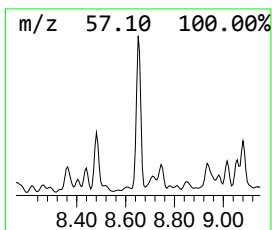
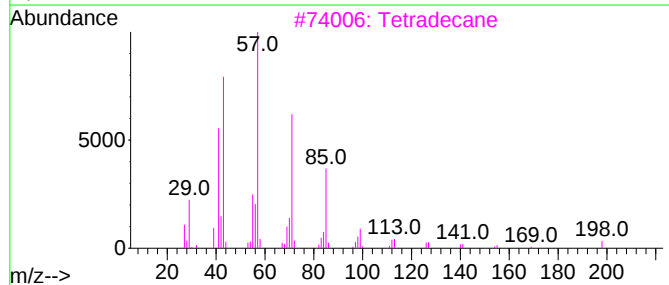
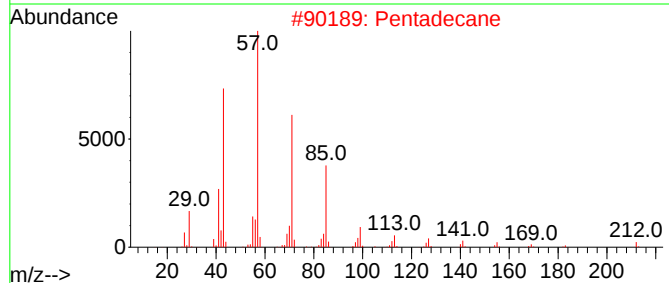
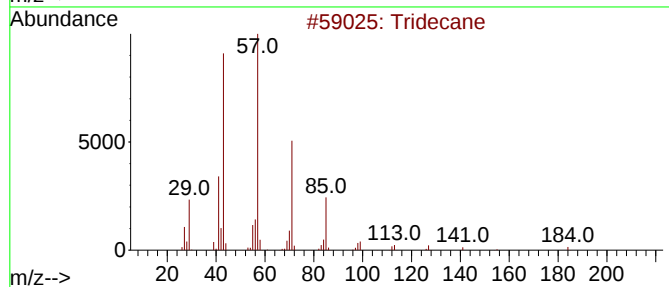
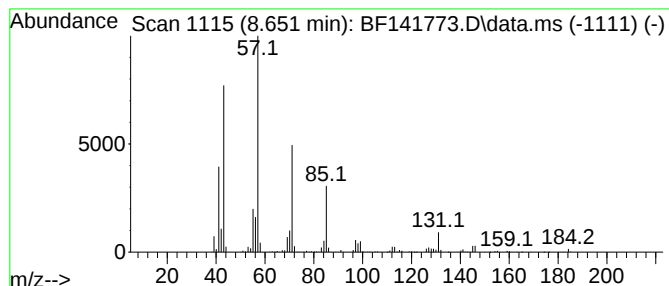
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	11.11 ng	1357480	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Pentadecane	212	C15H32	000629-62-9	80
3		Tetradecane	198	C14H30	000629-59-4	80
4		Dodecane	170	C12H26	000112-40-3	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
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Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

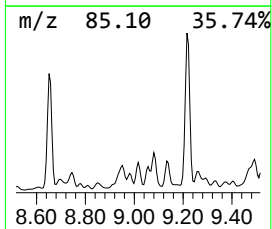
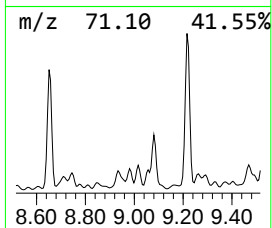
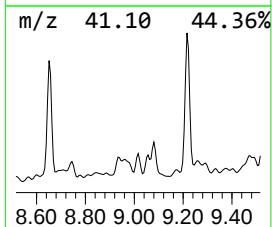
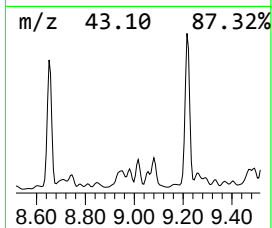
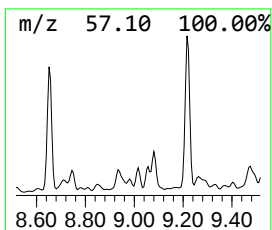
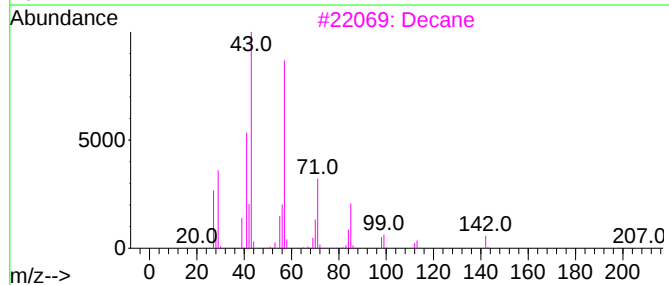
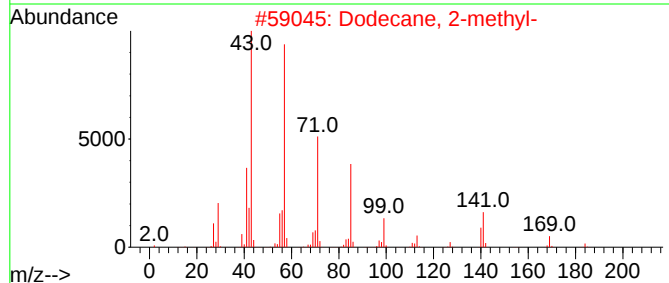
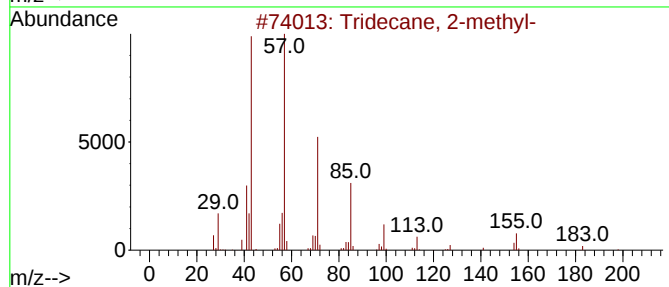
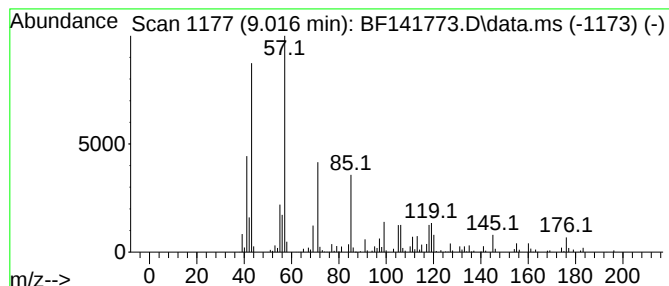
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.016	9.56 ng	408315	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	58
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	52
3			Decane	142	C10H22	000124-18-5	52
4			1-Iodoundecane	282	C11H23I	004282-44-4	52
5			Eicosane	282	C20H42	000112-95-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
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Operator : RC/JU
Sample : Q1418-01 2X
Misc :
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Instrument :
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ClientSampleId :
TR-06-02242025

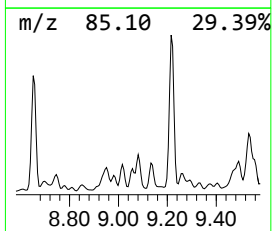
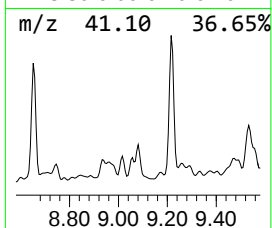
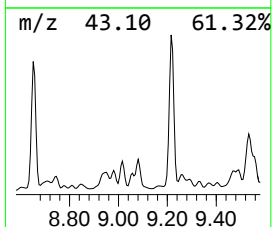
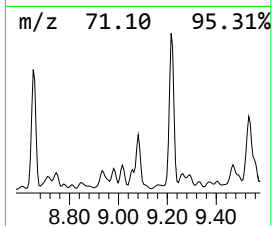
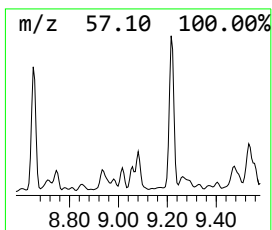
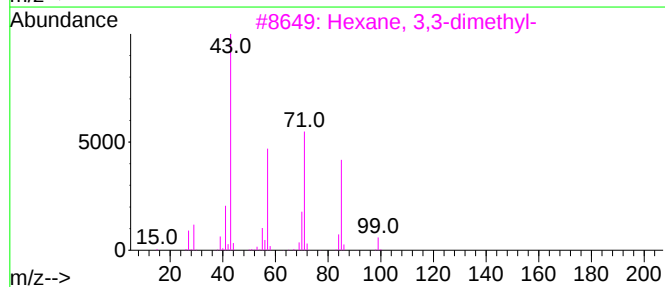
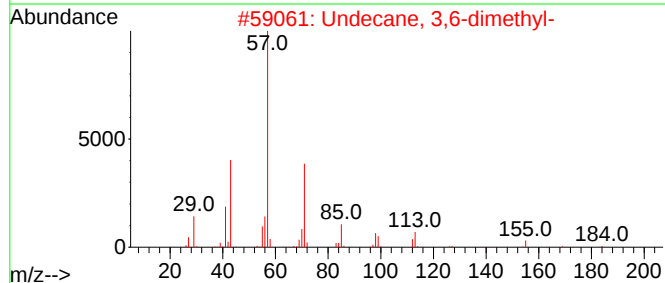
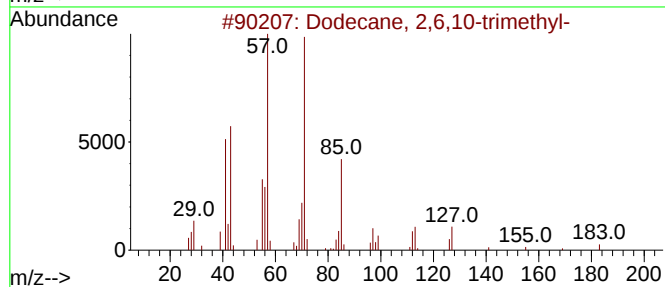
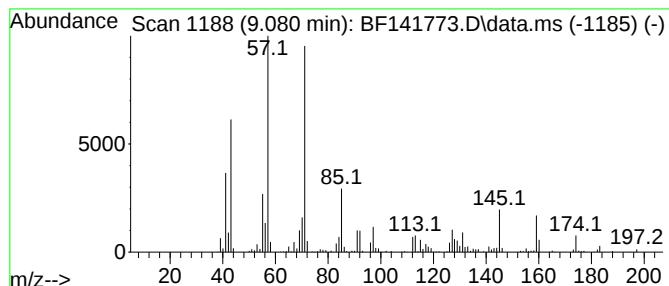
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.080	10.77 ng	459852	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	62
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	47
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	46
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-02242025

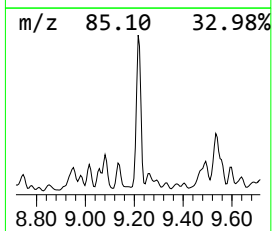
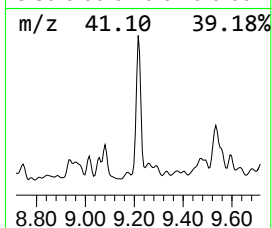
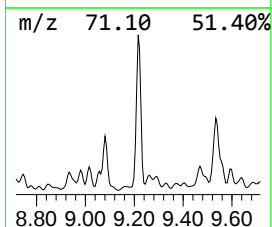
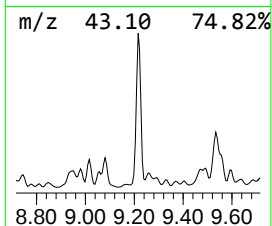
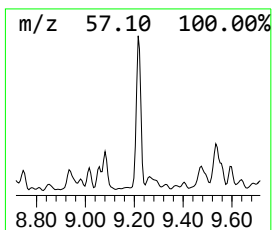
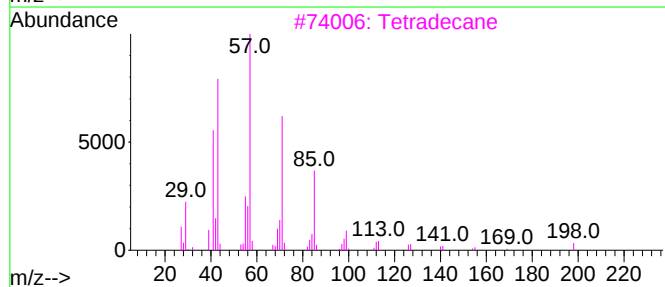
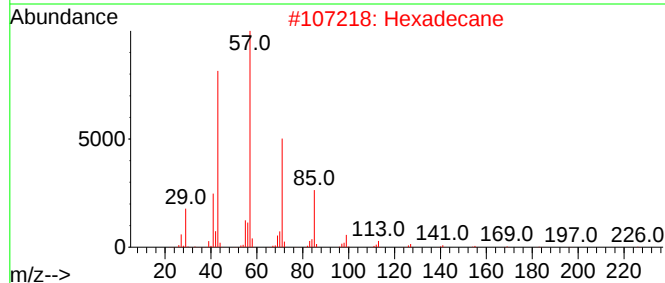
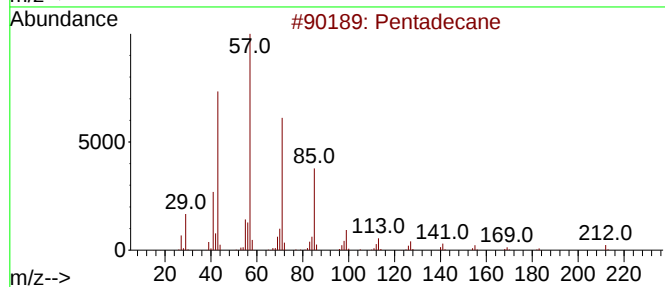
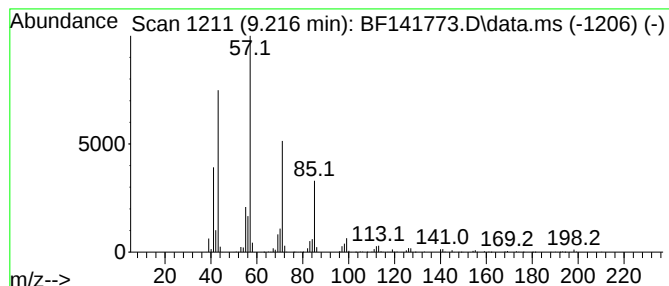
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	41.19 ng	1758710	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tetradecane	198	C14H30	000629-59-4	87
4			Undecane	156	C11H24	001120-21-4	86
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
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Sample : Q1418-01 2X
Misc :
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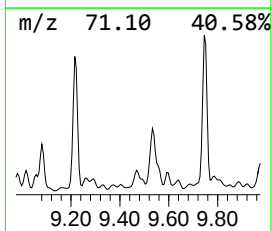
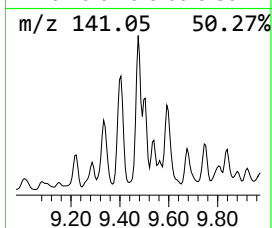
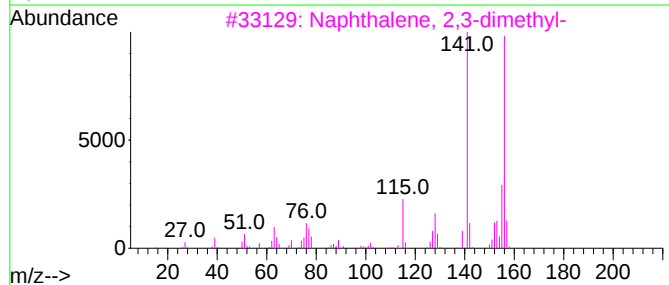
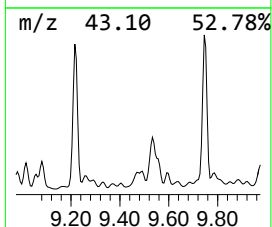
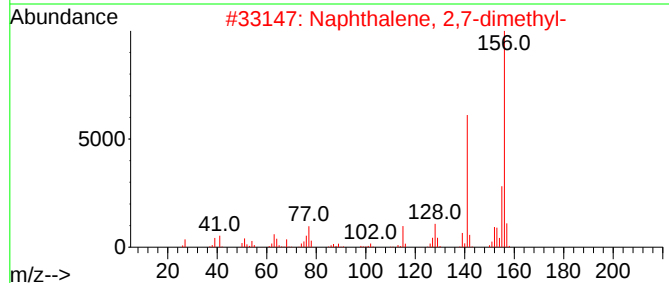
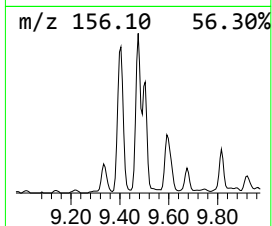
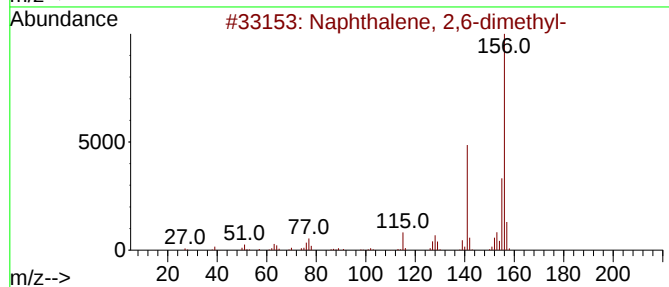
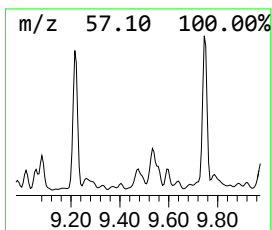
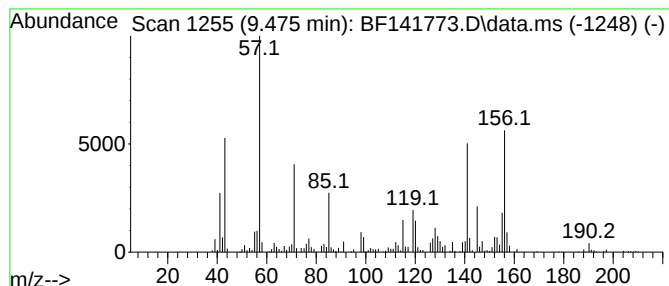
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.475	12.47 ng	532230	Acenaphthene-d10	9.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	89
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	89
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	86
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-02242025

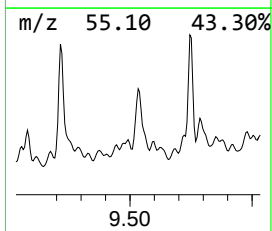
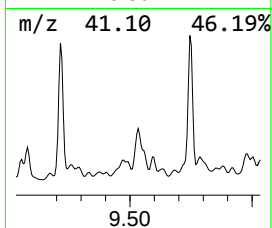
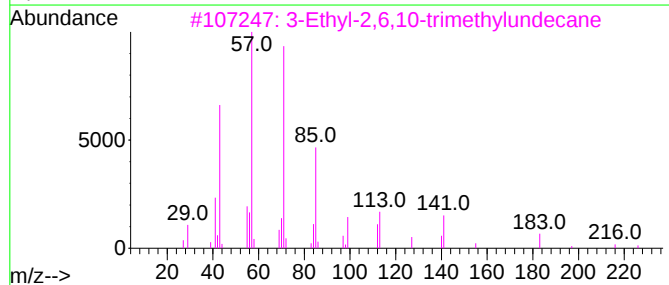
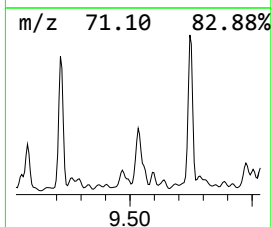
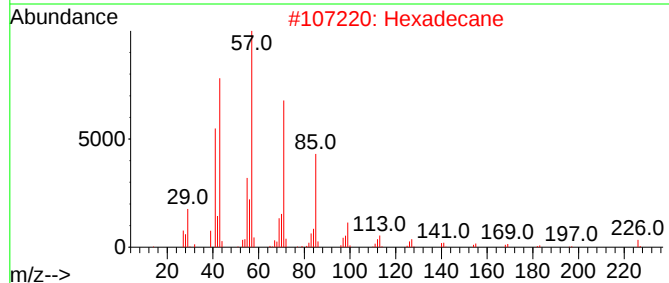
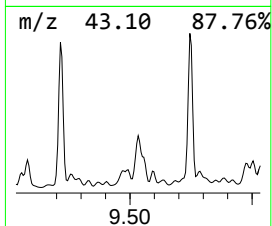
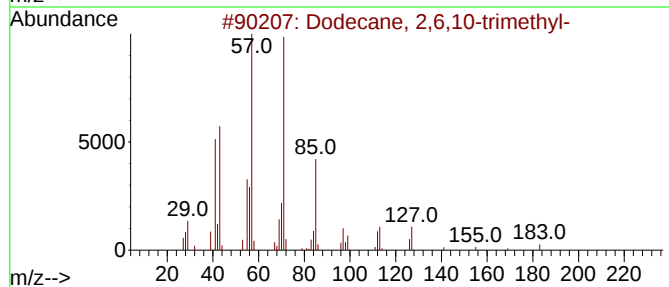
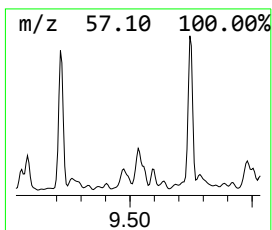
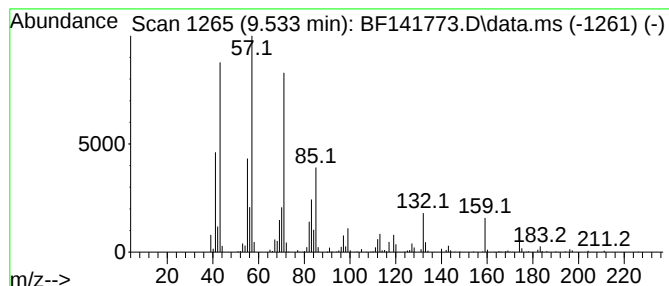
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	17.69 ng	755377	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74
2			Hexadecane	226	C16H34	000544-76-3	74
3			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
4			Nonadecane	268	C19H40	000629-92-5	72
5			Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-02242025

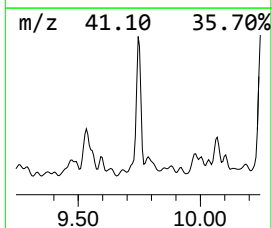
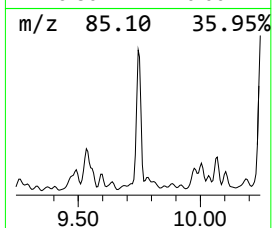
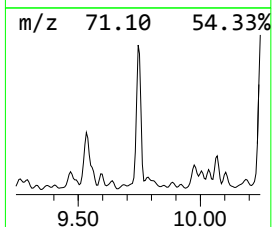
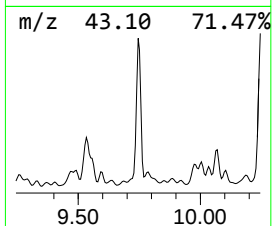
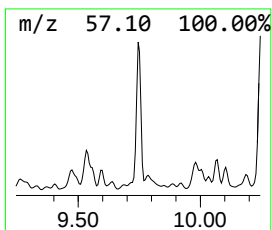
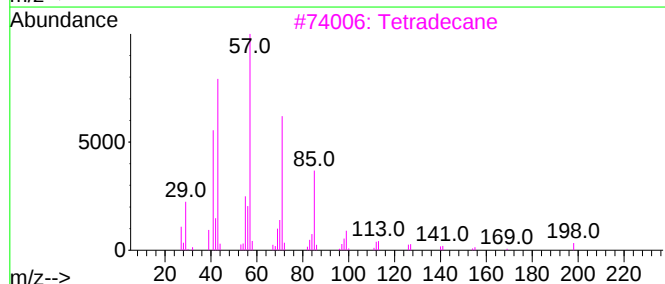
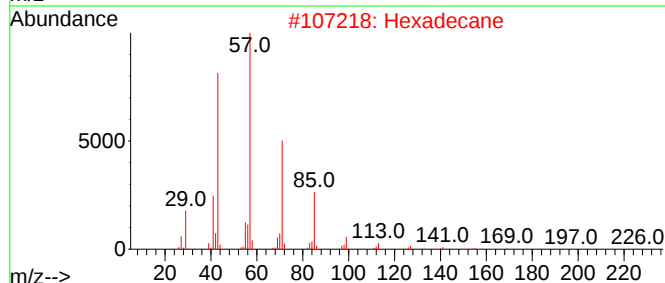
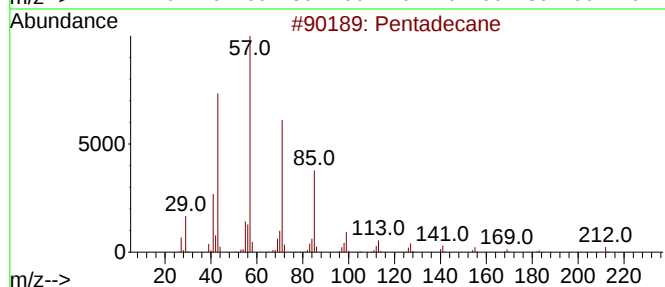
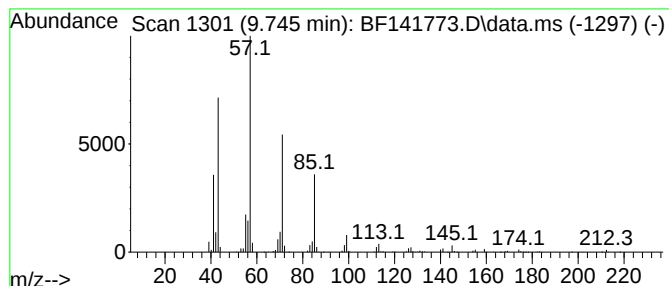
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	41.01 ng	1750820	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	86
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Nonadecane	268	C19H40	000629-92-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

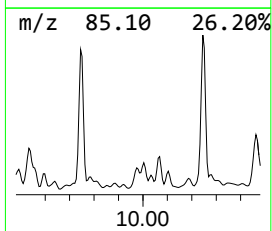
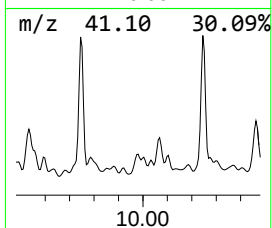
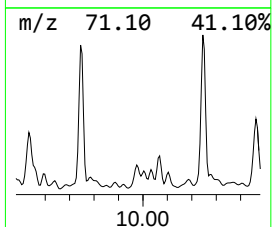
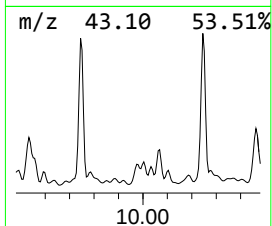
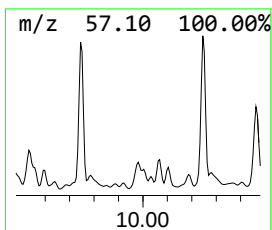
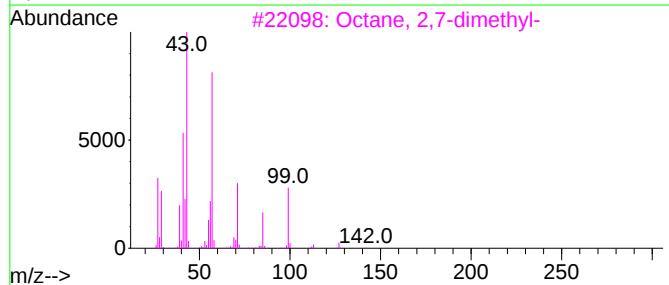
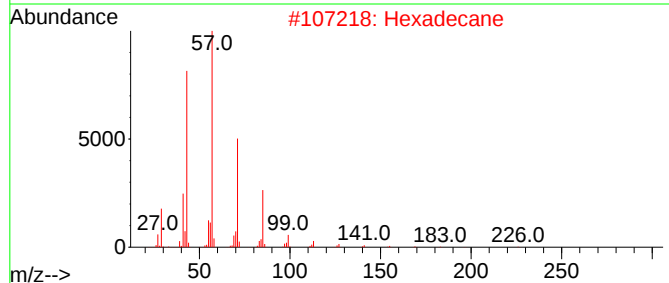
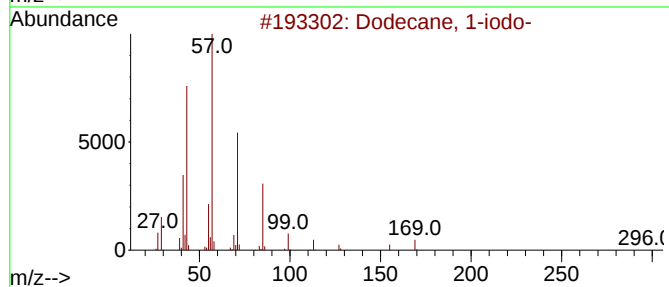
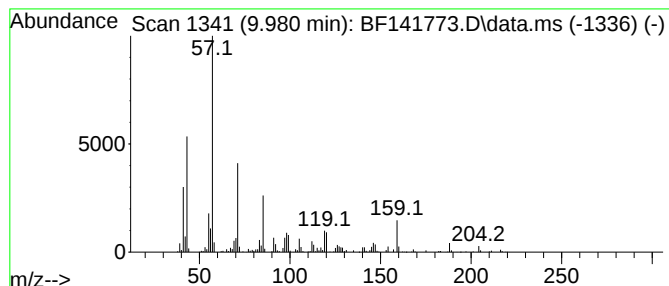
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.980 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.980	10.79 ng	460492	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
2		Hexadecane	226	C16H34	000544-76-3	47
3		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	47
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	46
5		Octacosane	394	C28H58	000630-02-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

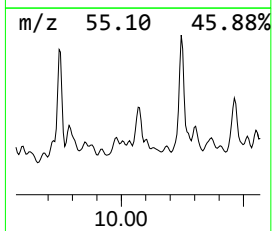
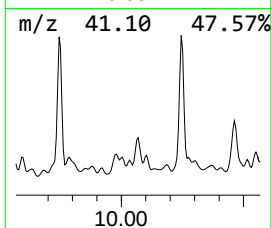
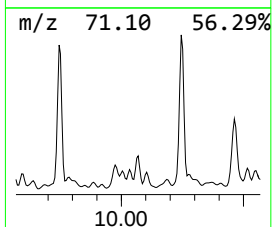
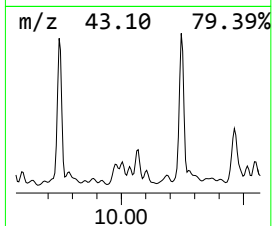
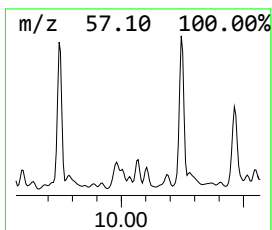
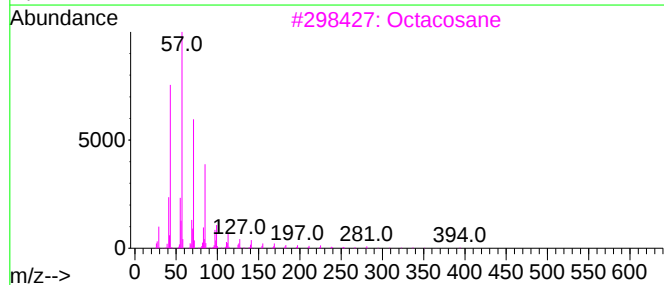
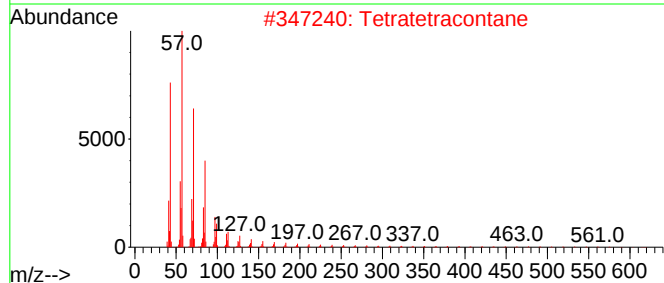
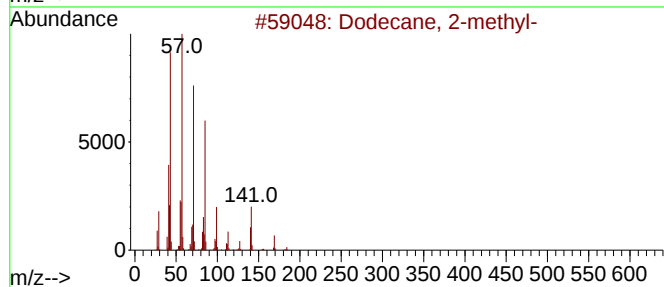
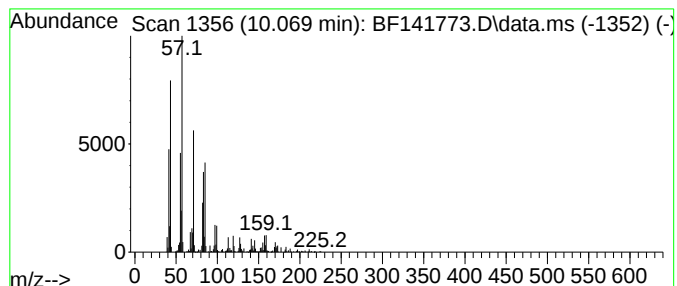
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ClientSampleId :
TR-06-02242025

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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 Dodecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.069	11.50 ng	490899	Acenaphthene-d10		9.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-		184	C13H28	001560-97-0	76
2	Tetratetracontane		619	C44H90	007098-22-8	72
3	Octacosane		394	C28H58	000630-02-4	70
4	Nonadecane		268	C19H40	000629-92-5	70
5	Dodecane		170	C12H26	000112-40-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

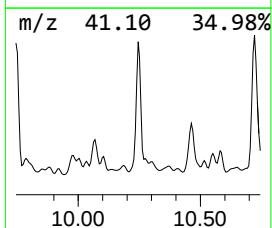
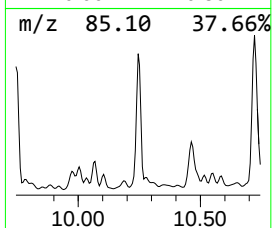
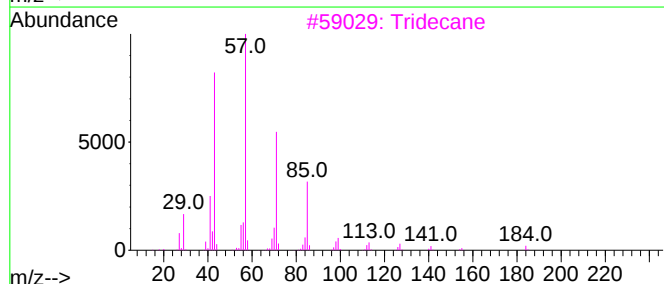
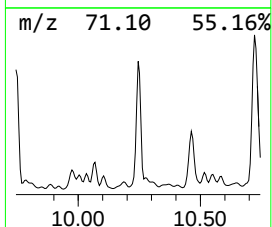
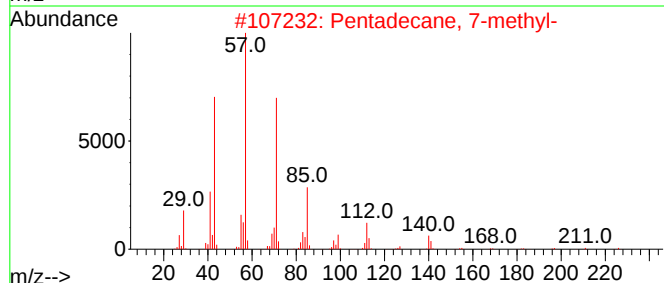
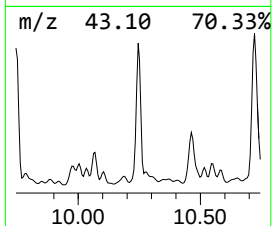
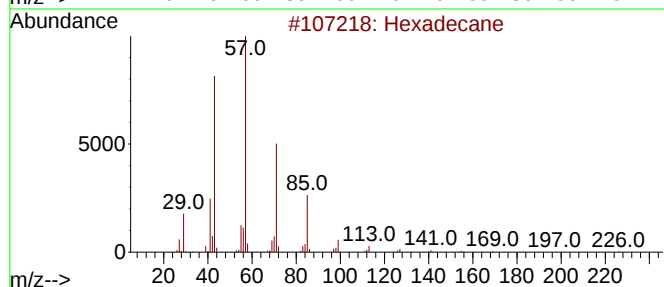
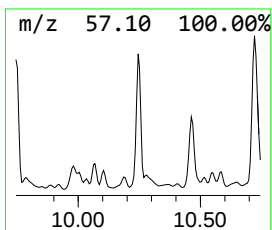
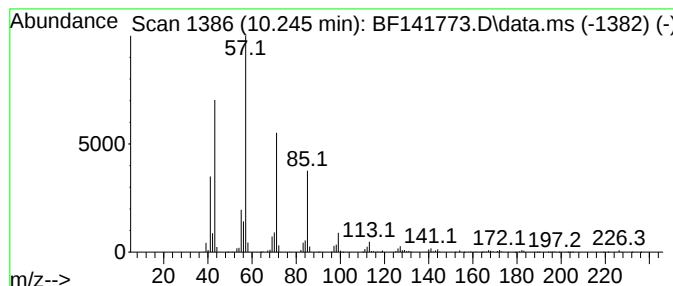
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	42.51 ng	1815110	Acenaphthene-d10	9.816

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			Tridecane	184	C13H28	000629-50-5	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

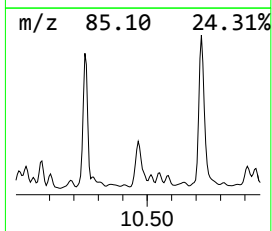
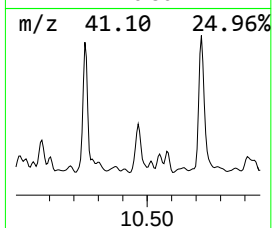
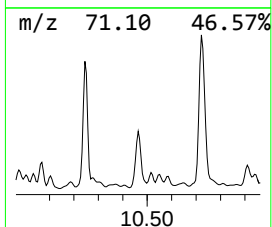
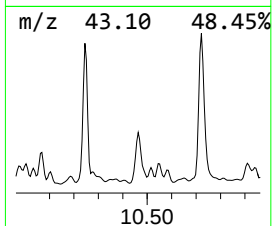
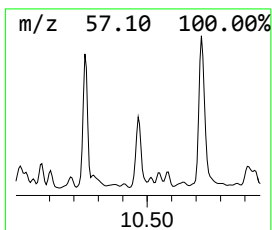
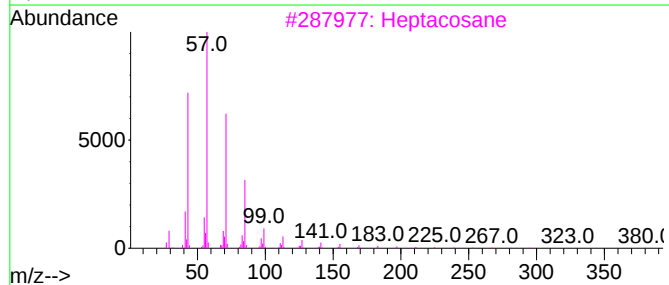
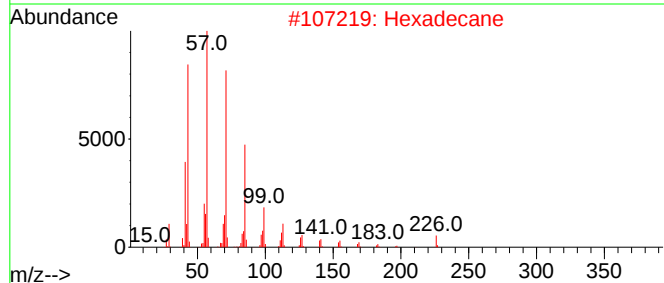
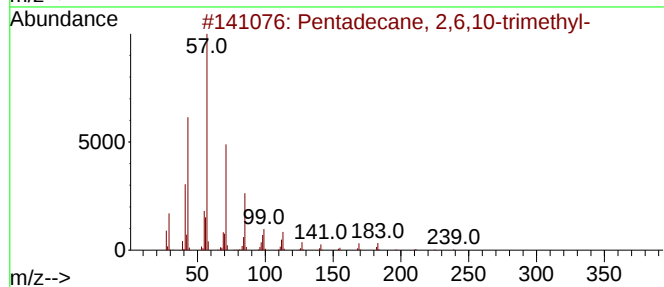
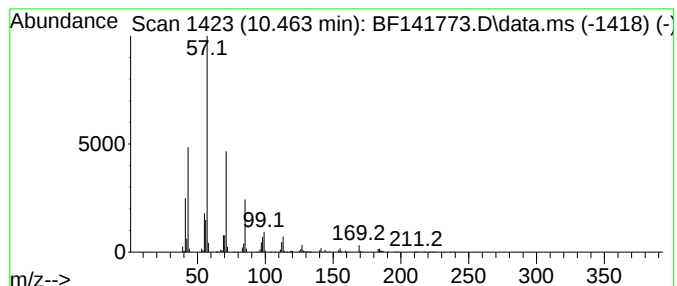
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.463	24.20 ng	1033330	Acenaphthene-d10		9.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	86
2	Hexadecane		226	C16H34	000544-76-3	86
3	Heptacosane		380	C27H56	000593-49-7	86
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	80
5	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-02242025

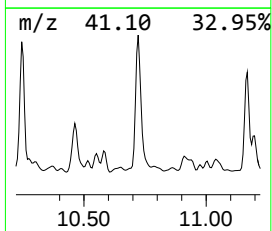
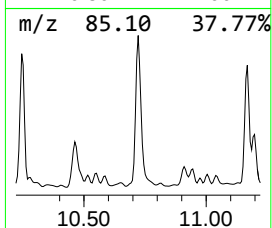
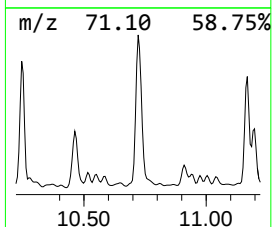
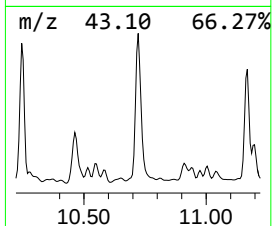
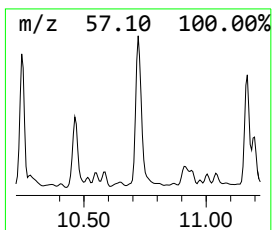
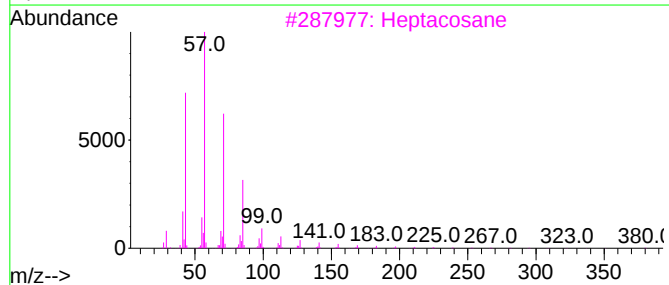
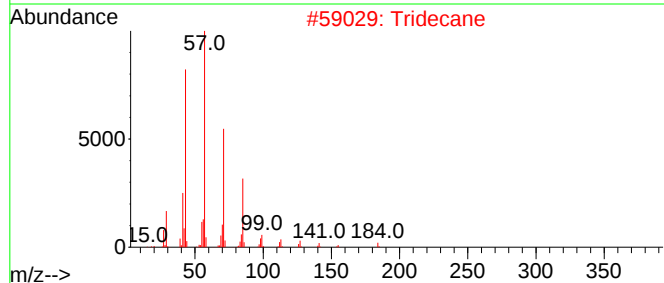
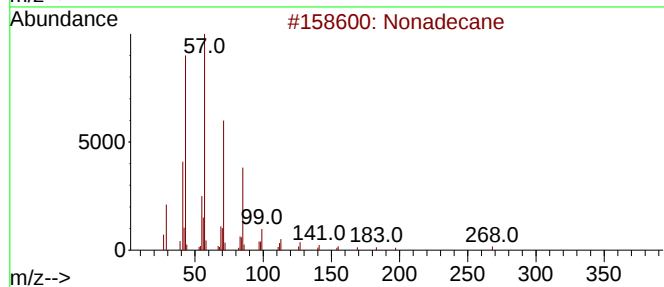
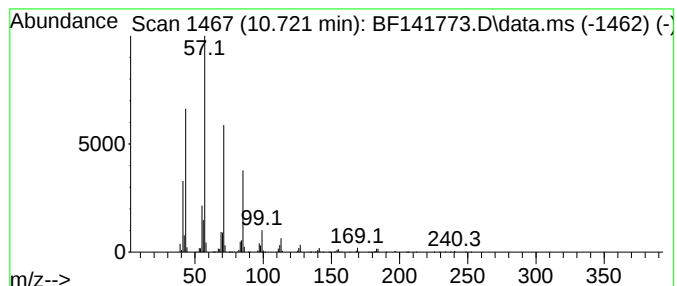
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	83.32 ng	2562340	Phenanthrene-d10	11.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Heptacosane	380	C27H56	000593-49-7	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

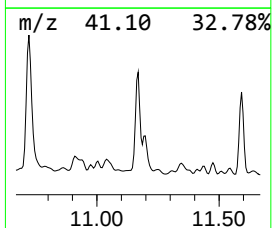
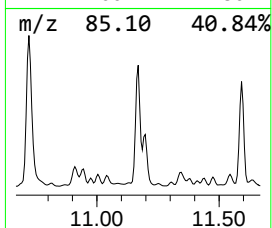
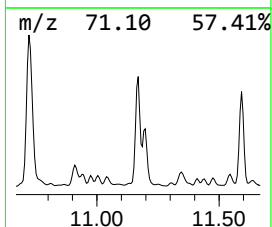
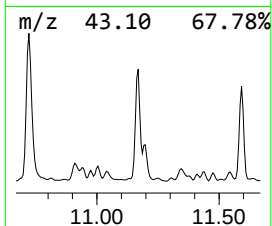
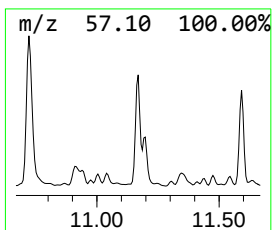
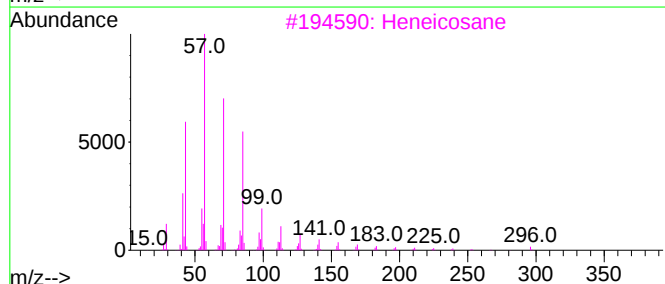
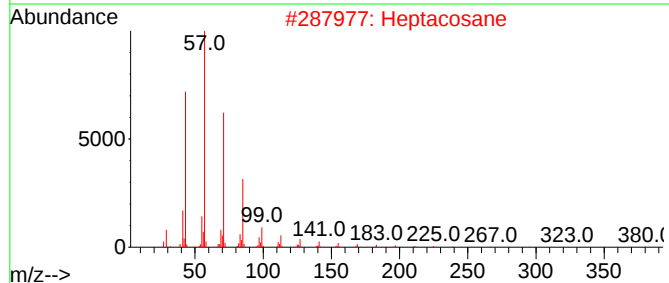
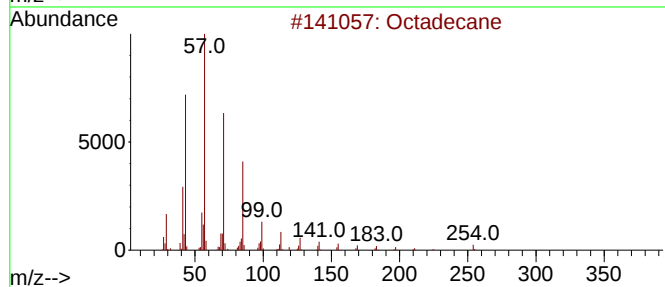
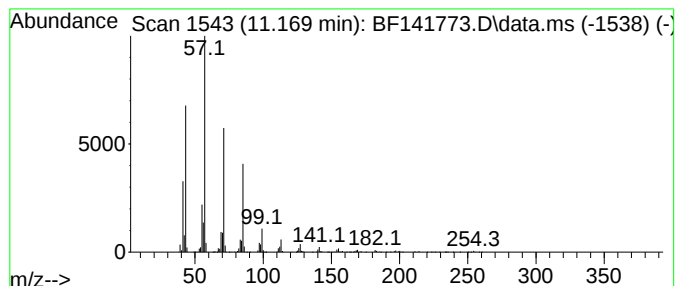
Instrument :
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ClientSampleId :
TR-06-02242025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.169	56.23 ng	1729410	Phenanthrene-d10		11.304	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	93
2	Heptacosane		380	C27H56	000593-49-7	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Eicosane		282	C20H42	000112-95-8	90
5	Hexadecane		226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-02242025

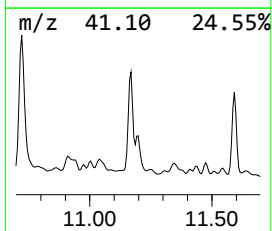
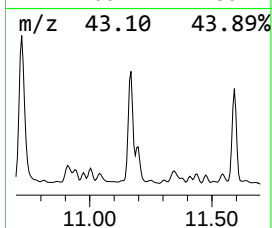
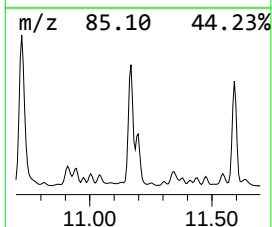
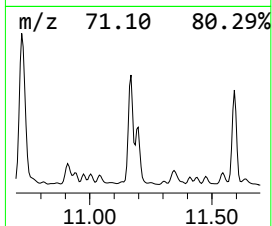
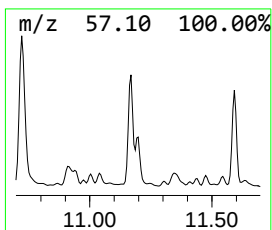
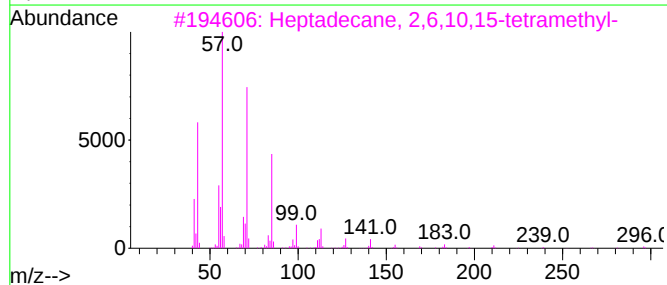
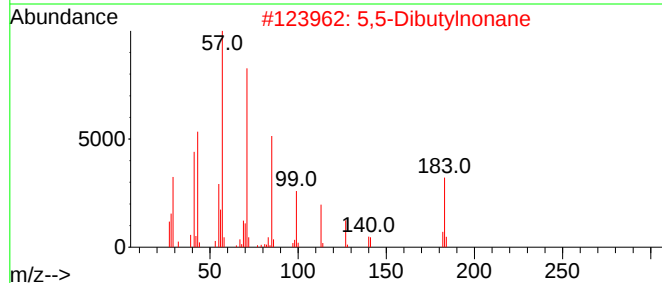
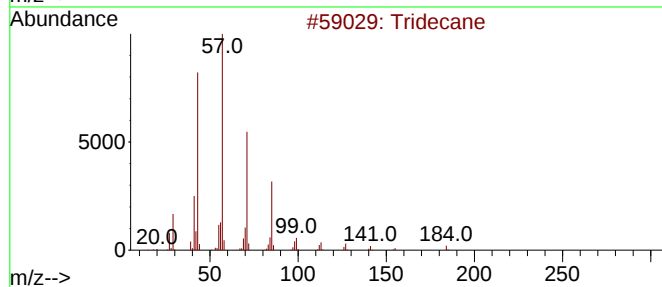
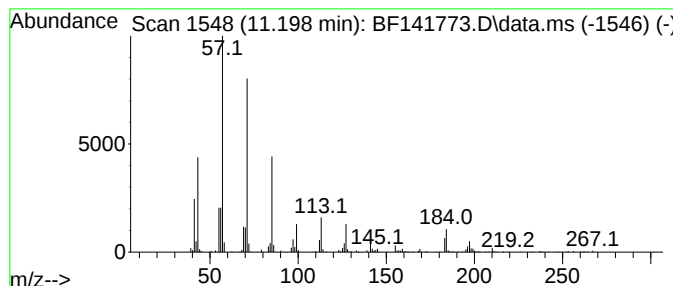
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 5,5-Dibutylnonane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	21.70 ng	667273	Phenanthrene-d10	11.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	87
2		5,5-Dibutylnonane	240	C17H36	006008-17-9	86
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
5		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
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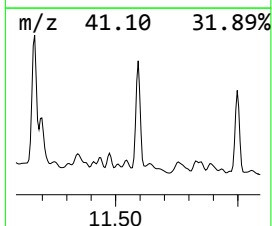
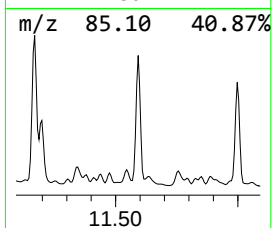
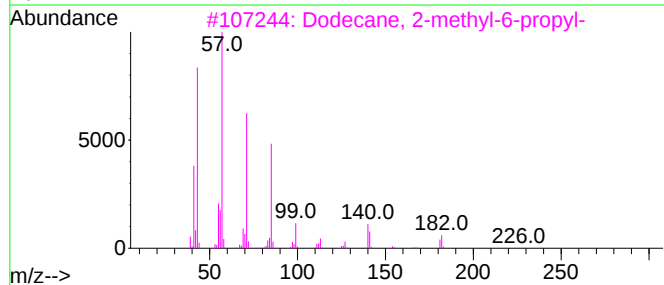
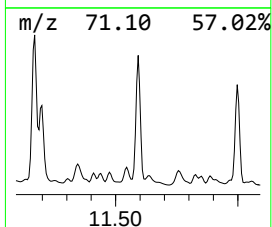
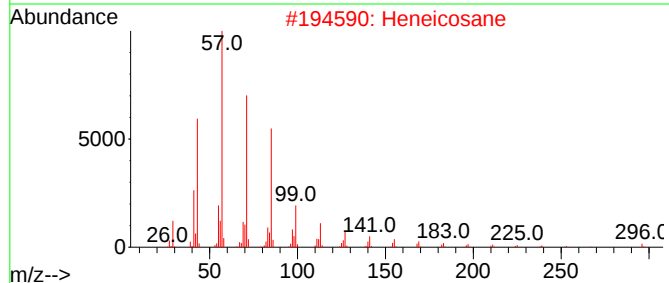
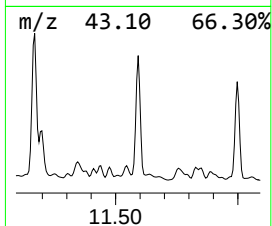
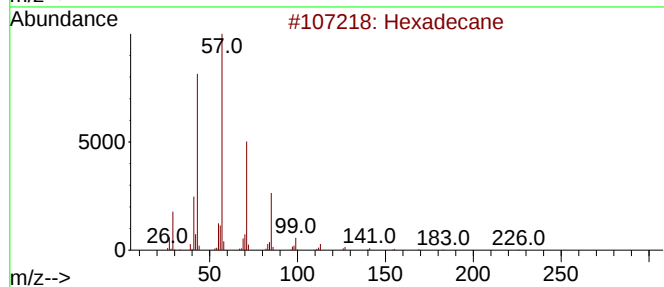
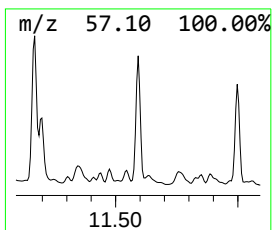
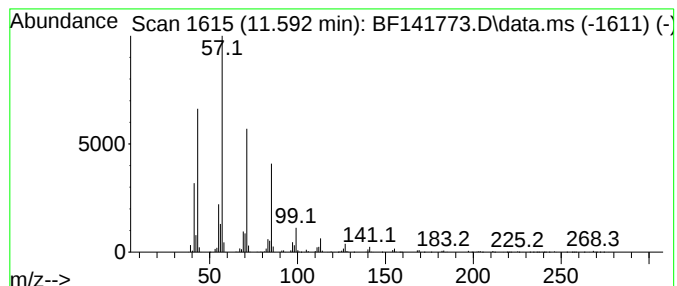
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ClientSampleId :
TR-06-02242025

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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 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.592	40.66 ng	1250560	Phenanthrene-d10		11.304	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Heneicosane		296	C21H44	000629-94-7	90
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
4	Decane, 1-iodo-		268	C10H21I	002050-77-3	87
5	Heptacosane		380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

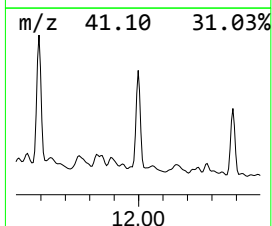
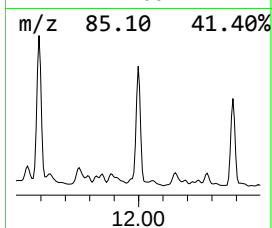
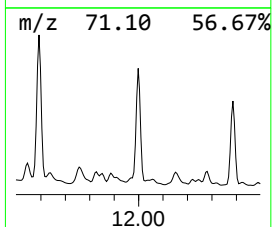
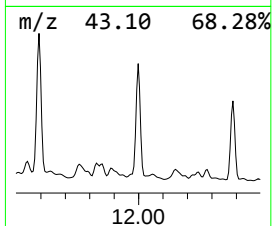
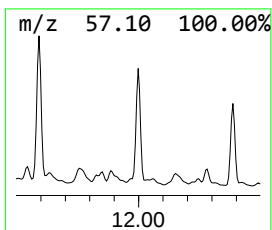
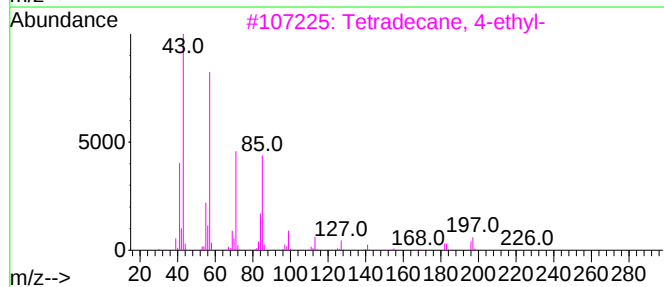
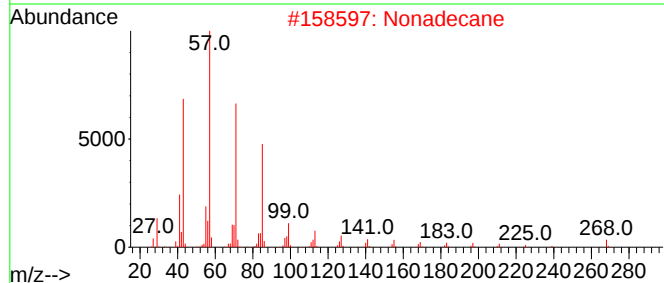
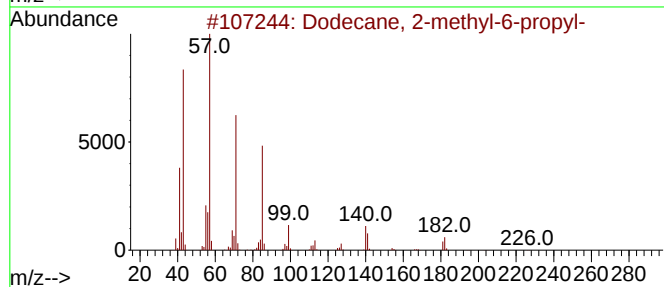
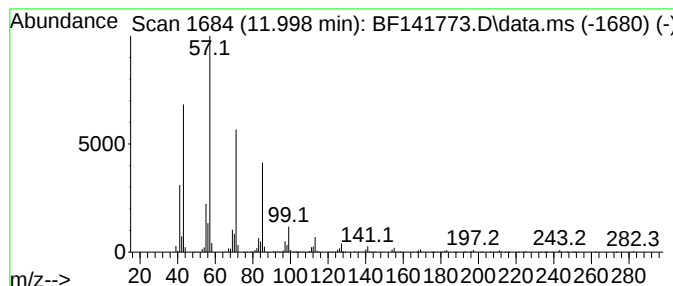
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	33.64 ng	1034590	Phenanthrene-d10	11.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2		Nonadecane	268	C19H40	000629-92-5	91
3		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90
4		Octadecane	254	C18H38	000593-45-3	87
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
Data File : BF141773.D
Acq On : 25 Feb 2025 19:33
Operator : RC/JU
Sample : Q1418-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-02242025

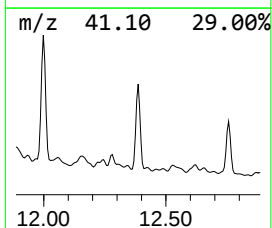
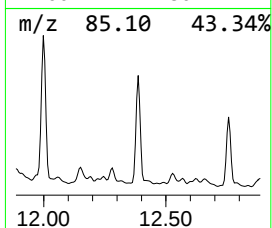
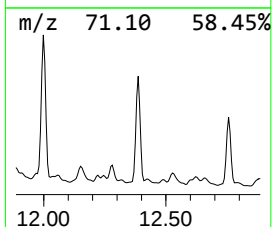
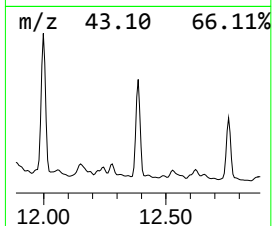
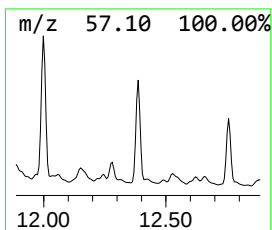
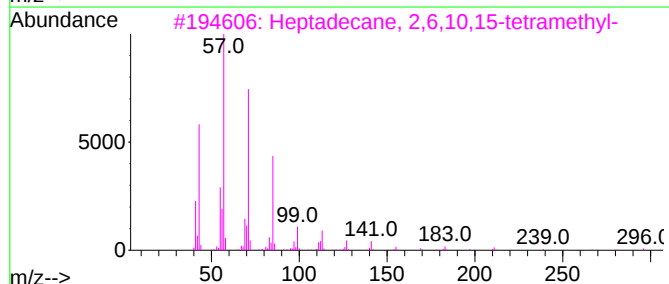
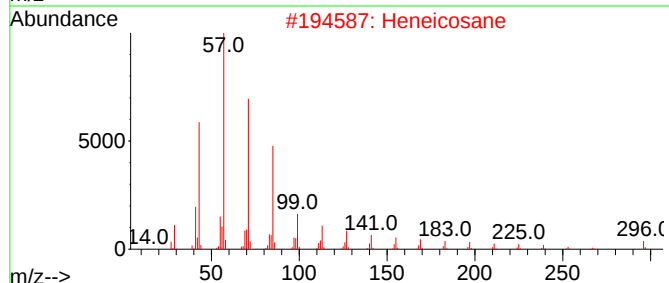
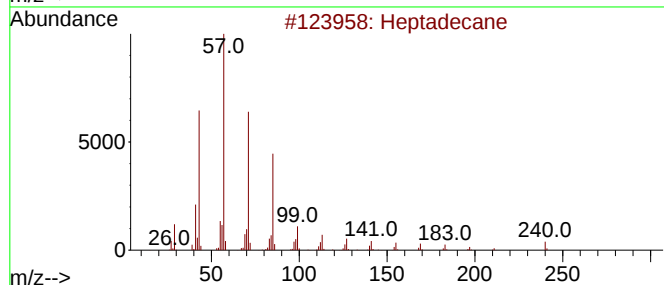
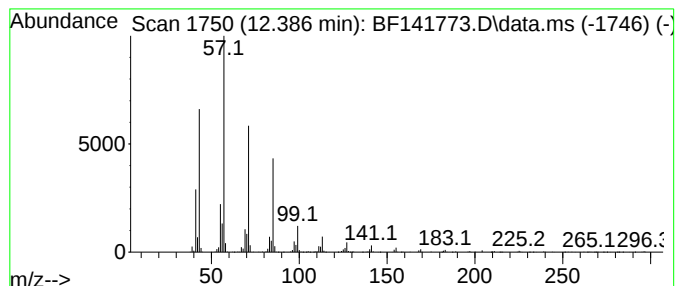
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	24.92 ng	766339	Phenanthrene-d10	11.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Heneicosane	296	C21H44	000629-94-7	93
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	90
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141773.D
 Acq On : 25 Feb 2025 19:33
 Operator : RC/JU
 Sample : Q1418-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-02242025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.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
Decane	6.610	12.8	ng	322879	1	6.781	502939	20.0
Benzene, 1-meth...	7.051	11.1	ng	278716	1	6.781	502939	20.0
Benzene, 2-ethy...	7.098	10.7	ng	269652	1	6.781	502939	20.0
Tridecane	8.651	11.1	ng	1357480	2	8.063	2443880	20.0
Tridecane, 2-me...	9.016	9.6	ng	408315	3	9.816	853898	20.0
Dodecane, 2,6,1...	9.080	10.8	ng	459852	3	9.816	853898	20.0
Pentadecane	9.216	41.2	ng	1758710	3	9.816	853898	20.0
Naphthalene, 2,...	9.475	12.5	ng	532230	3	9.816	853898	20.0
Hexadecane	9.533	17.7	ng	755377	3	9.816	853898	20.0
Tetradecane	9.745	41.0	ng	1750820	3	9.816	853898	20.0
unknown9.980	9.980	10.8	ng	460492	3	9.816	853898	20.0
Dodecane, 2-met...	10.069	11.5	ng	490899	3	9.816	853898	20.0
Pentadecane, 7-...	10.245	42.5	ng	1815110	3	9.816	853898	20.0
Pentadecane, 2,...	10.463	24.2	ng	1033330	3	9.816	853898	20.0
Nonadecane	10.722	83.3	ng	2562340	4	11.304	615091	20.0
Octadecane	11.169	56.2	ng	1729410	4	11.304	615091	20.0
5,5-Dibutylnonane	11.198	21.7	ng	667273	4	11.304	615091	20.0
Heneicosane	11.592	40.7	ng	1250560	4	11.304	615091	20.0
Dodecane, 2-met...	11.998	33.6	ng	1034590	4	11.304	615091	20.0
Heptadecane	12.386	24.9	ng	766339	4	11.304	615091	20.0