

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141753.D
 Acq On : 24 Feb 2025 19:35
 Operator : RC/JU
 Sample : Q1411-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-02212025

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: BF141753.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.275	27	31	38	rBV	15405	29770	2.11%	0.216%
2	5.404	558	563	584	rVB	778778	1195283	84.89%	8.657%
3	6.428	731	737	764	rBV	709766	1178879	83.73%	8.538%
4	6.610	764	768	775	rVV2	25076	36785	2.61%	0.266%
5	6.781	792	797	804	rBV	301125	382888	27.19%	2.773%
6	6.840	804	807	814	rVV3	12848	21195	1.51%	0.154%
7	7.051	832	843	847	rBV2	23657	47960	3.41%	0.347%
8	7.098	847	851	858	rVB2	20274	39324	2.79%	0.285%
9	7.169	858	863	868	rBV2	26596	39035	2.77%	0.283%
10	7.245	873	876	878	rBV2	11115	14118	1.00%	0.102%
11	7.345	888	893	897	rBV	474224	606718	43.09%	4.394%
12	7.428	902	907	910	rVB3	24222	32337	2.30%	0.234%
13	7.463	910	913	916	rBV5	20614	29953	2.13%	0.217%
14	7.581	930	933	937	rBV2	29766	33328	2.37%	0.241%
15	7.710	944	955	957	rBV7	25816	89999	6.39%	0.652%
16	7.739	957	960	964	rVB2	28661	41635	2.96%	0.302%
17	7.804	964	971	978	rBV6	51544	139947	9.94%	1.014%
18	7.898	985	987	990	rVB	29680	31539	2.24%	0.228%
19	7.934	990	993	996	rVB2	14140	14250	1.01%	0.103%
20	7.963	996	998	1002	rVB2	14463	15093	1.07%	0.109%
21	8.063	1002	1015	1021	rBV2	352725	743895	52.83%	5.388%
22	8.116	1021	1024	1028	rVB3	54593	77942	5.54%	0.565%
23	8.151	1028	1030	1037	rVB4	26738	37052	2.63%	0.268%
24	8.234	1038	1044	1045	rBV4	21831	34317	2.44%	0.249%
25	8.257	1045	1048	1052	rVB2	35326	42900	3.05%	0.311%
26	8.304	1052	1056	1059	rBV3	17118	28421	2.02%	0.206%
27	8.351	1059	1064	1070	rBV6	49337	79937	5.68%	0.579%
28	8.410	1071	1074	1077	rBV4	23041	27726	1.97%	0.201%
29	8.445	1077	1080	1083	rVV3	36165	42842	3.04%	0.310%
30	8.481	1083	1086	1092	rVV2	40087	58298	4.14%	0.422%
31	8.569	1097	1101	1105	rBV3	92461	130551	9.27%	0.946%
32	8.651	1111	1115	1119	rBV	165509	206922	14.70%	1.499%
33	8.722	1124	1127	1130	rVV	25140	32458	2.31%	0.235%
34	8.810	1140	1142	1145	rBV2	11604	15521	1.10%	0.112%
35	8.881	1150	1154	1160	rVV4	74757	118027	8.38%	0.855%
36	9.010	1172	1176	1181	rVB4	43099	73705	5.23%	0.534%

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37	9.081	1181	1188	1193	rBV3	57149	109634	7.79%	0.794%
38	9.133	1193	1197	1202	rVV	902811	1147341	81.49%	8.310%
39	9.216	1206	1211	1215	rBV	194925	251842	17.89%	1.824%
40	9.286	1220	1223	1226	rVB	39420	45768	3.25%	0.331%
41	9.475	1247	1255	1256	rBV6	45633	90374	6.42%	0.655%
42	9.533	1261	1265	1268	rVV3	85996	146633	10.41%	1.062%
43	9.592	1272	1275	1279	rVB2	44562	54319	3.86%	0.393%
44	9.745	1297	1301	1305	rVB	187067	227104	16.13%	1.645%
45	9.816	1308	1313	1321	rVB	340857	458285	32.55%	3.319%
46	9.922	1328	1331	1335	rVB3	19953	26246	1.86%	0.190%
47	9.980	1336	1341	1342	rBV	30292	45665	3.24%	0.331%
48	10.063	1352	1355	1359	rBV4	42540	58571	4.16%	0.424%
49	10.133	1364	1367	1373	rBV7	17821	36271	2.58%	0.263%
50	10.245	1381	1386	1393	rBV	185207	242578	17.23%	1.757%
51	10.463	1418	1423	1429	rVB	65980	105086	7.46%	0.761%
52	10.528	1429	1434	1440	rVV2	71128	121898	8.66%	0.883%
53	10.604	1440	1447	1458	rVV	512702	722263	51.30%	5.231%
54	10.716	1462	1466	1475	rVB	206486	317738	22.57%	2.301%
55	10.910	1496	1499	1501	rBV2	15940	22181	1.58%	0.161%
56	11.163	1538	1542	1545	rBV	163234	212973	15.13%	1.543%
57	11.192	1545	1547	1553	rVB	69433	88960	6.32%	0.644%
58	11.304	1561	1566	1577	rBV	358759	553280	39.29%	4.007%
59	11.586	1610	1614	1620	rBV	130597	167270	11.88%	1.211%
60	11.833	1652	1656	1663	rBV	102572	175011	12.43%	1.268%
61	11.998	1679	1684	1688	rBV	119156	155259	11.03%	1.125%
62	12.386	1746	1750	1754	rVB	85374	104556	7.43%	0.757%
63	12.516	1769	1772	1776	rBV	38415	50079	3.56%	0.363%
64	12.751	1807	1812	1818	rBV2	83016	144754	10.28%	1.048%
65	12.886	1829	1835	1844	rBV	1048217	1408036	100.00%	10.198%
66	13.110	1871	1873	1881	rVB	34676	41683	2.96%	0.302%
67	13.939	2010	2014	2024	rBV	281717	399923	28.40%	2.897%
68	15.386	2257	2260	2267	rVB	192062	304781	21.65%	2.207%

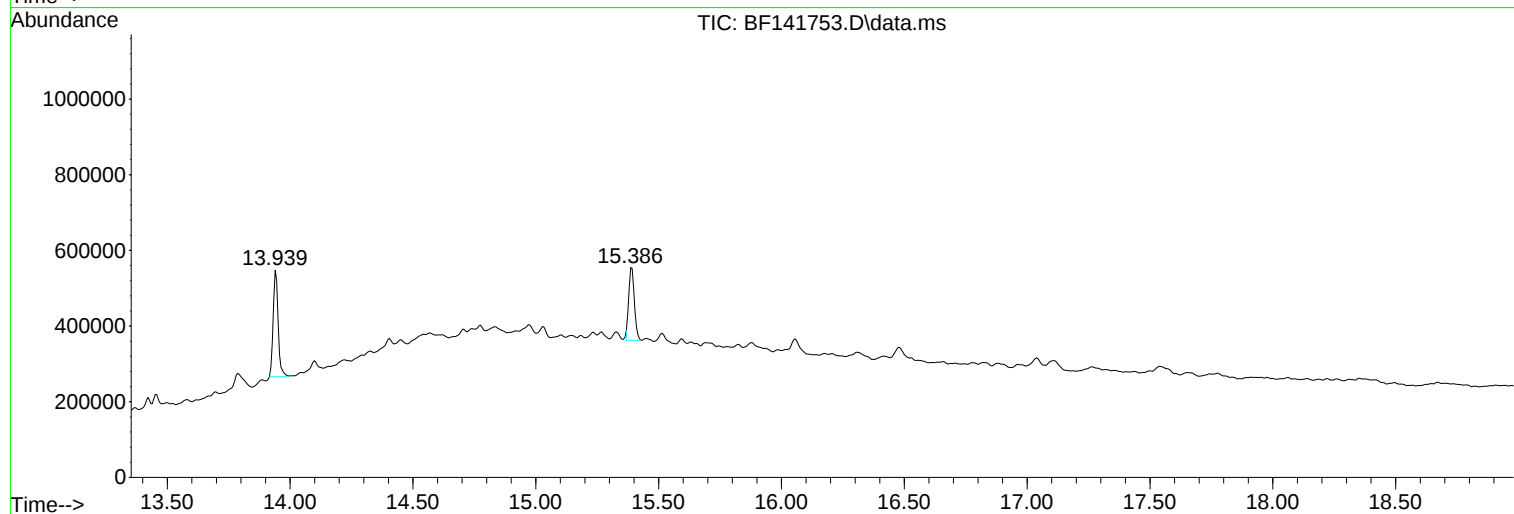
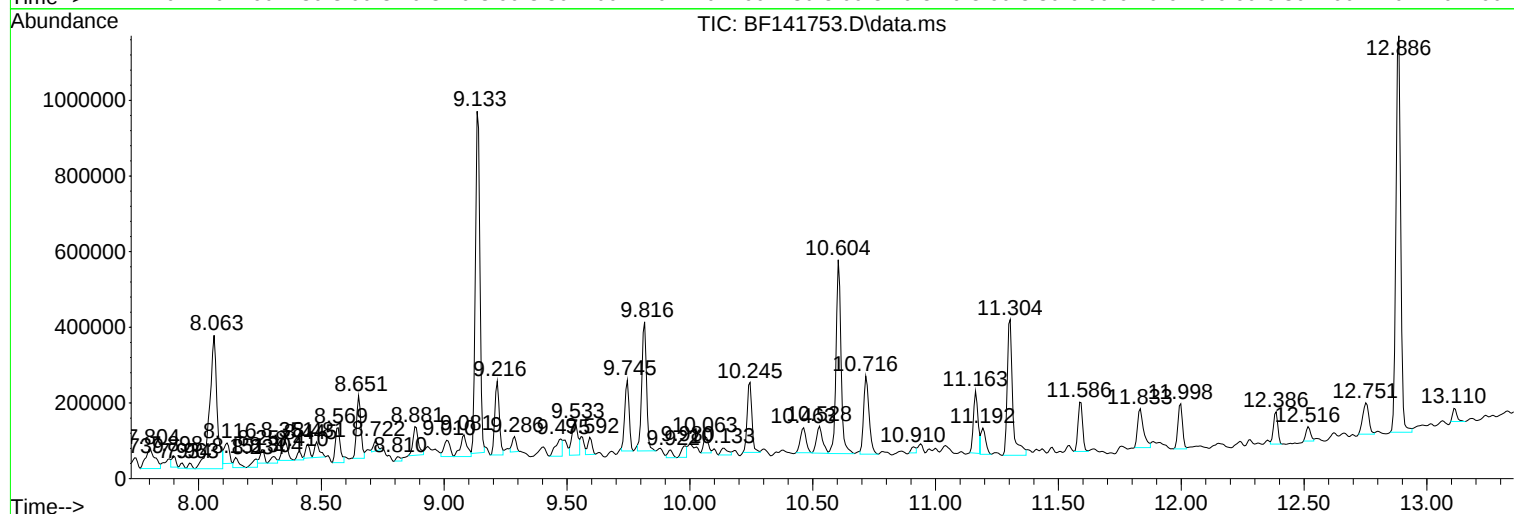
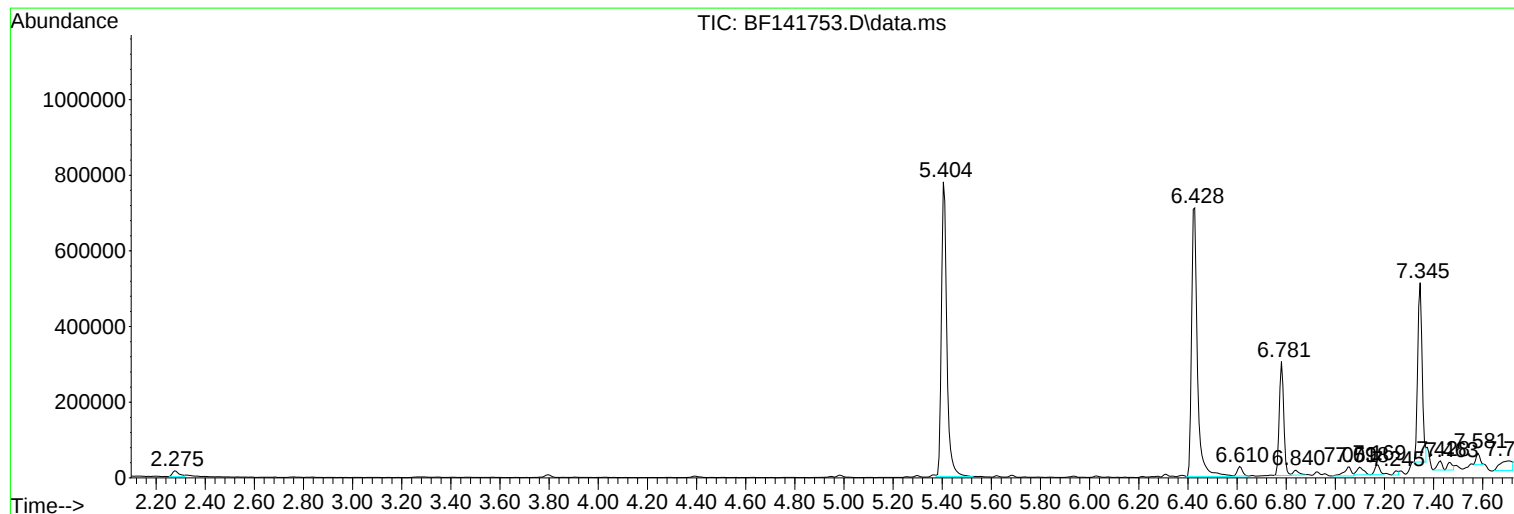
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Instrument :
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ClientSampleId :
HR-02-02212025

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



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-02212025

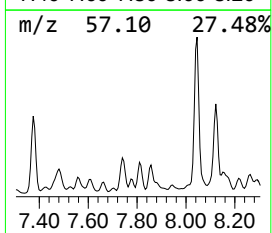
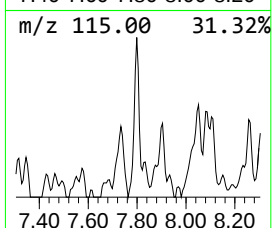
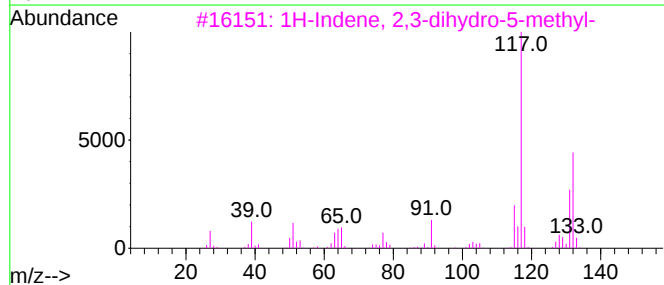
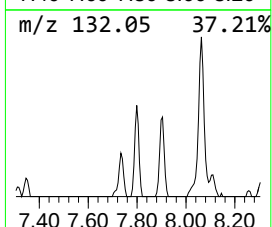
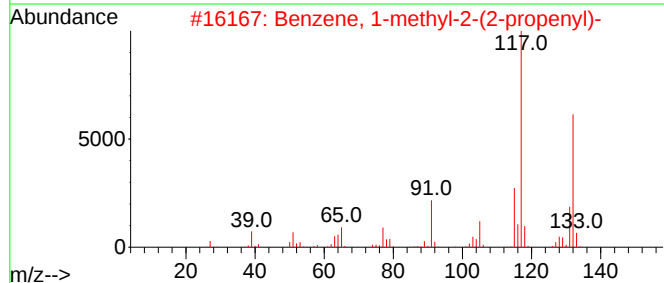
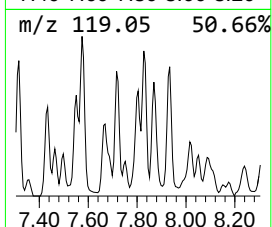
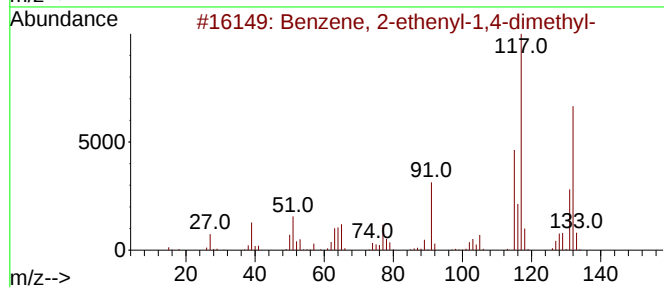
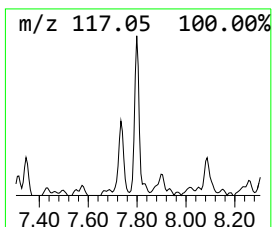
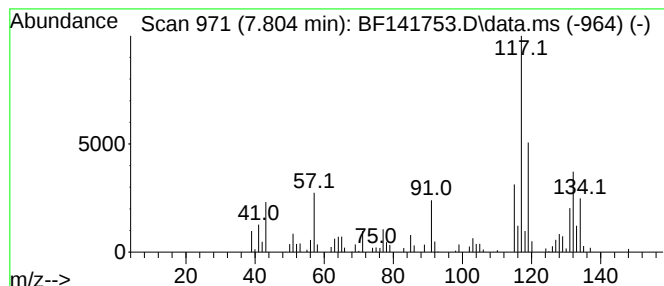
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.804	3.76 ng	139947	Naphthalene-d8	8.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	64
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64



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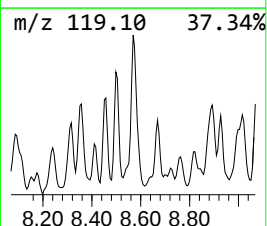
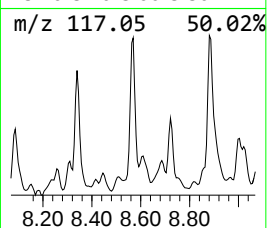
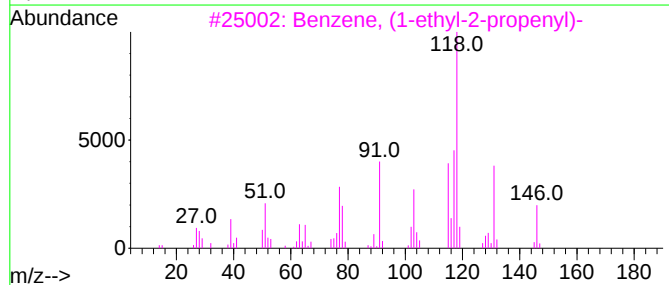
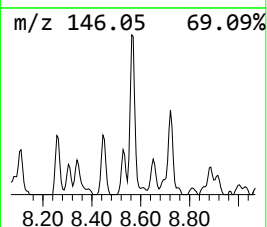
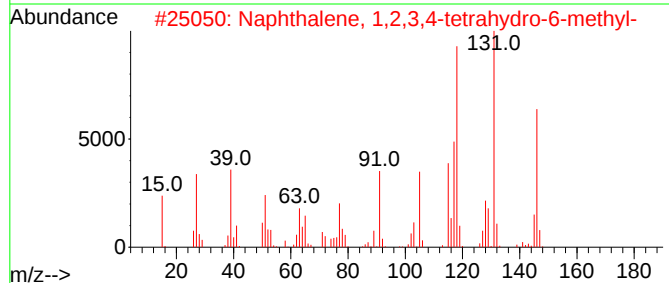
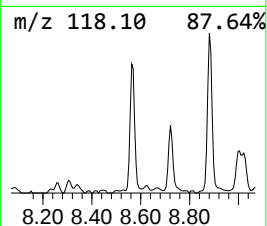
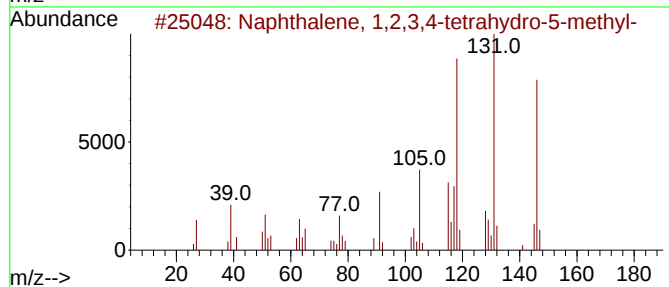
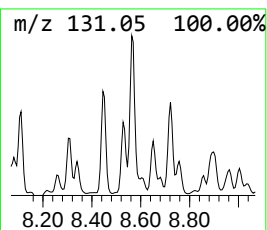
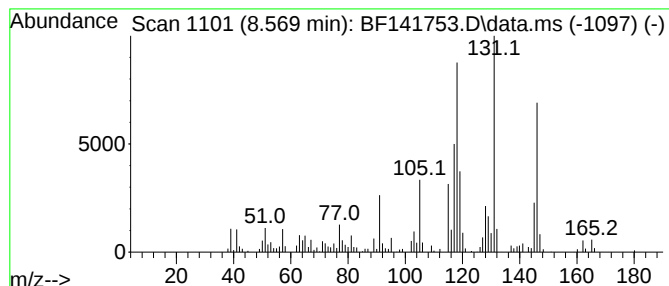
Instrument :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.569	3.51 ng	130551	Naphthalene-d8	8.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	81
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55



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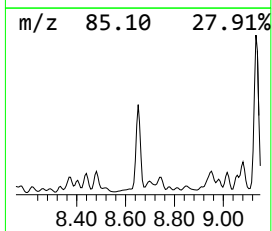
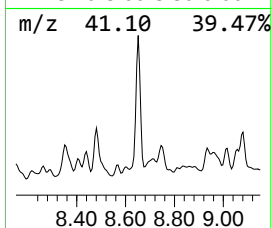
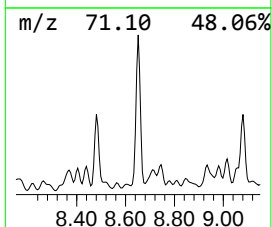
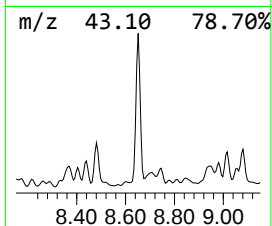
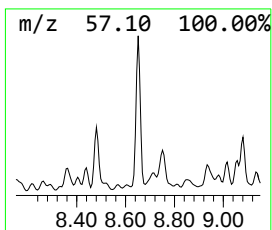
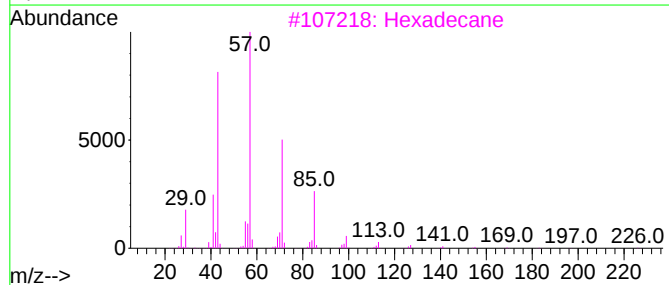
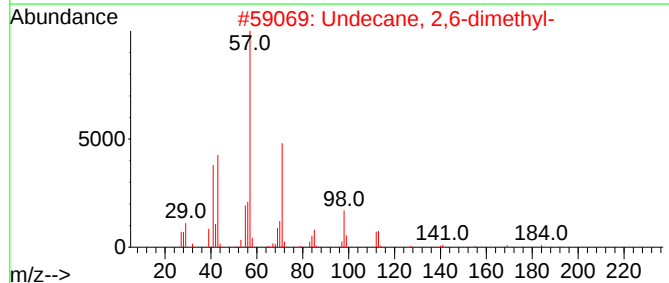
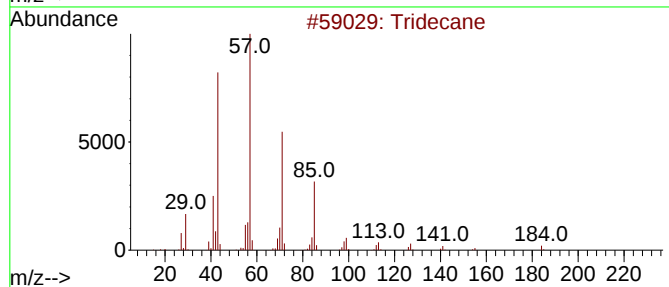
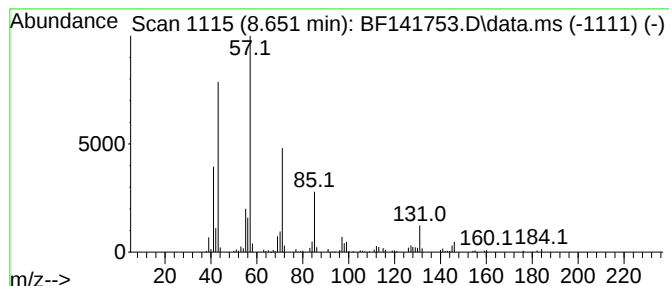
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Peak Number 3 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	5.56 ng	206922	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	94
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64
5		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	58



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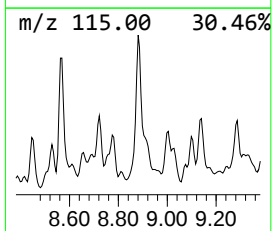
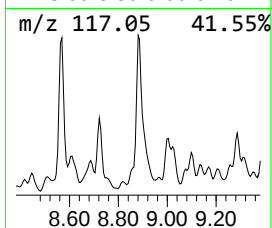
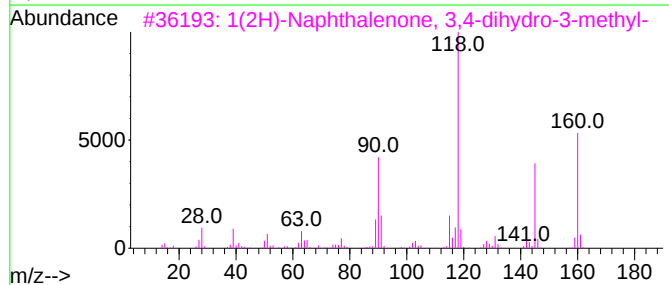
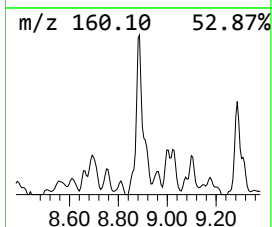
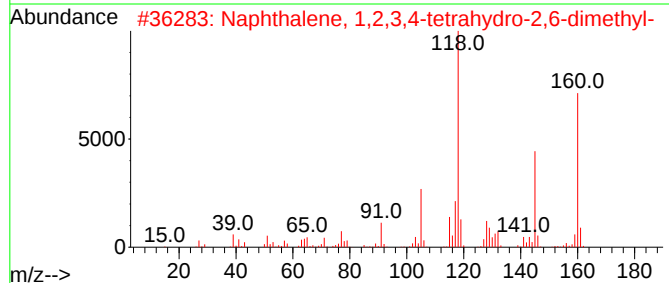
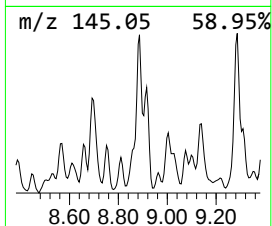
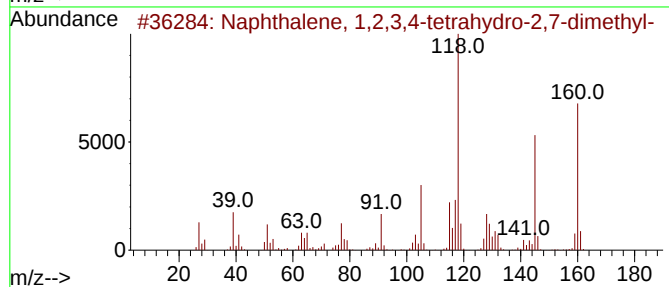
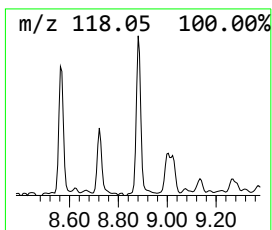
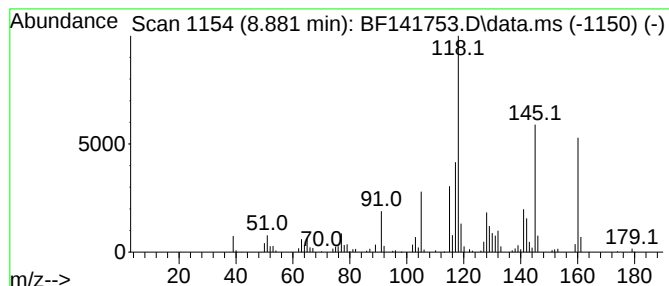
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.881	3.17 ng	118027	Naphthalene-d8	8.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	89
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
3			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	62
4			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	52
5			2,4-Dimethylphenylacetone nitrile	145	C10H11N	068429-53-8	49



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Sample : Q1411-01
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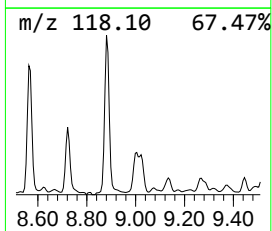
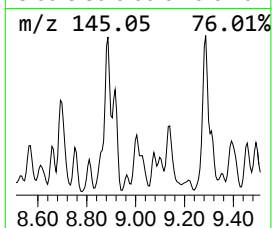
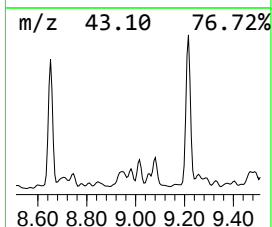
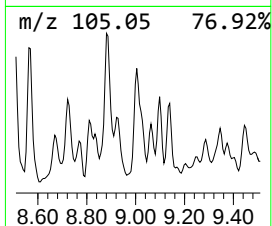
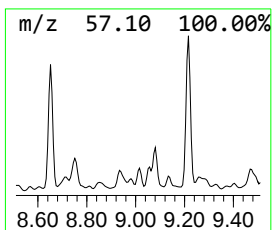
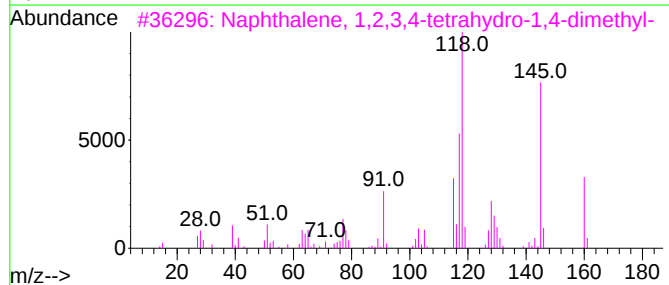
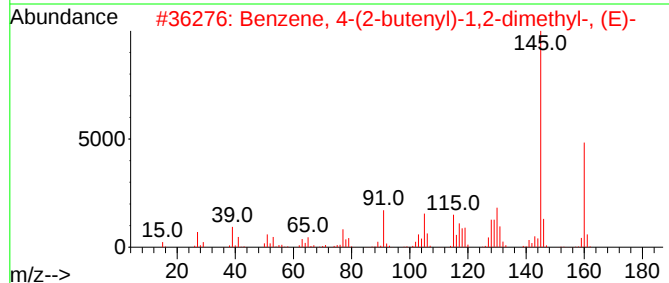
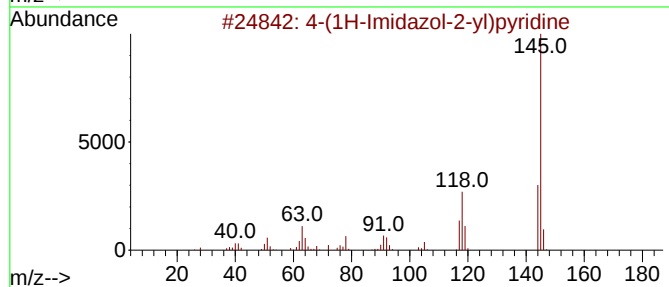
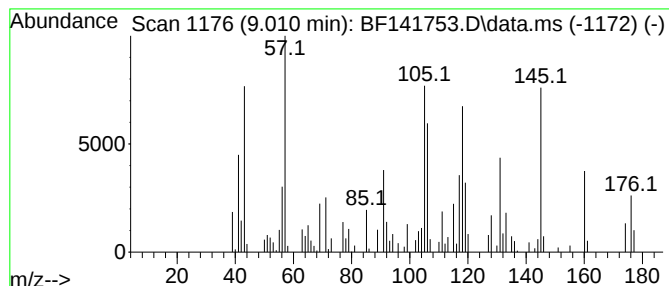
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4-(1H-Imidazol-2-yl)pyridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.010	3.22 ng	73705	Acenaphthene-d10	9.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1H-Imidazol-2-yl)pyridine	145	C8H7N3	021202-42-6	50
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	46



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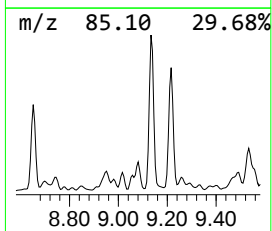
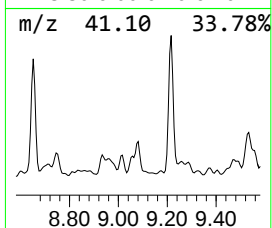
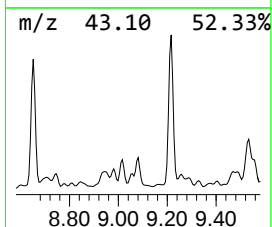
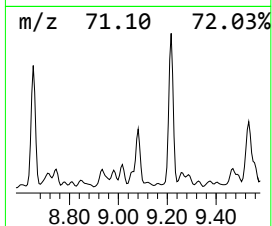
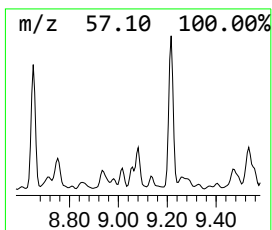
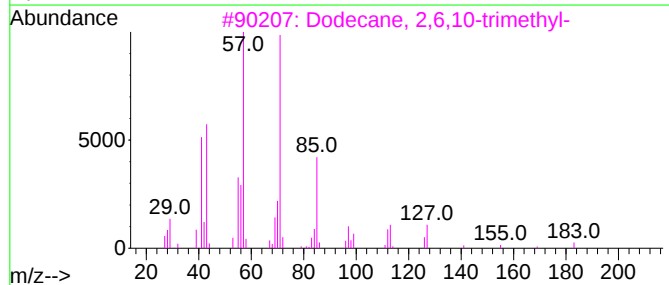
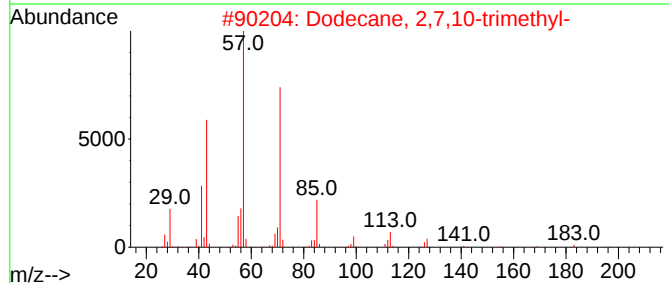
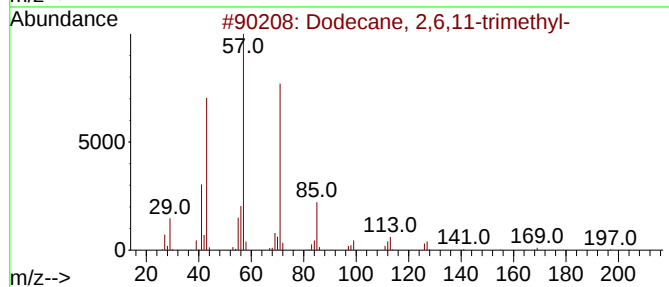
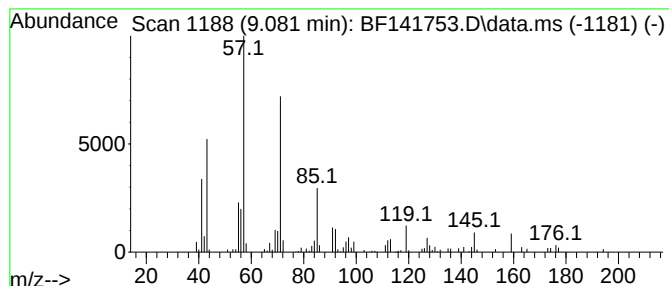
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.081	4.78 ng	109634	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
4			Heptacosane	380	C27H56	000593-49-7	47
5			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	47



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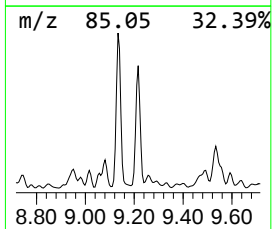
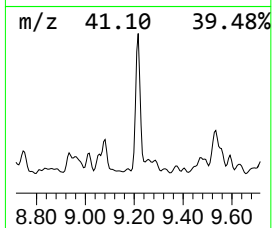
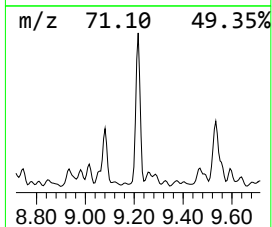
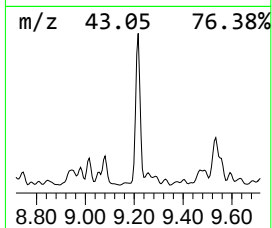
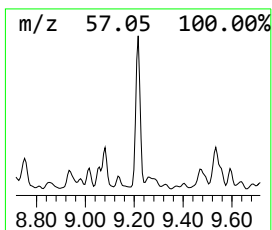
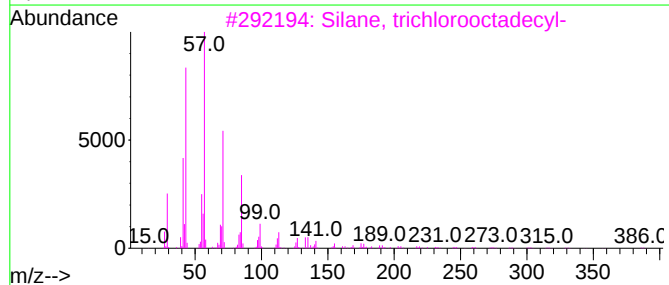
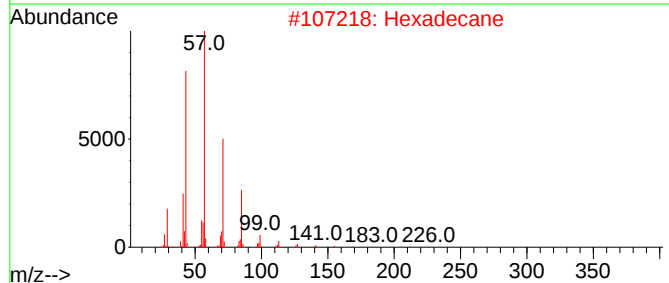
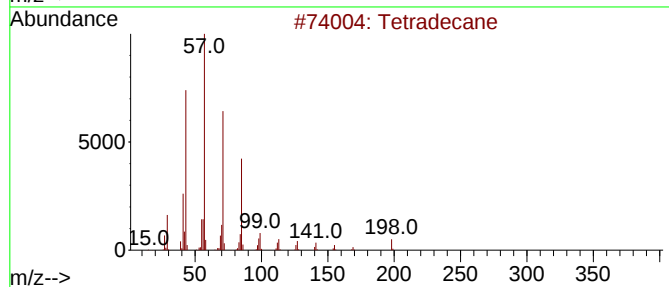
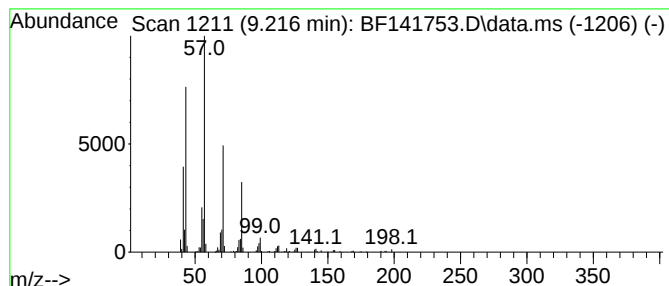
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	10.99 ng	251842	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5		Tridecane	184	C13H28	000629-50-5	86



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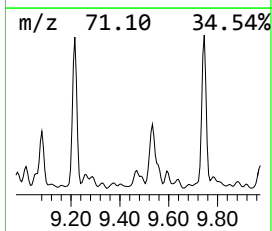
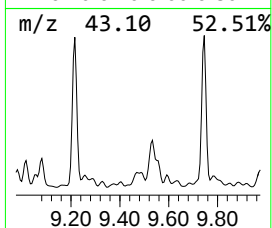
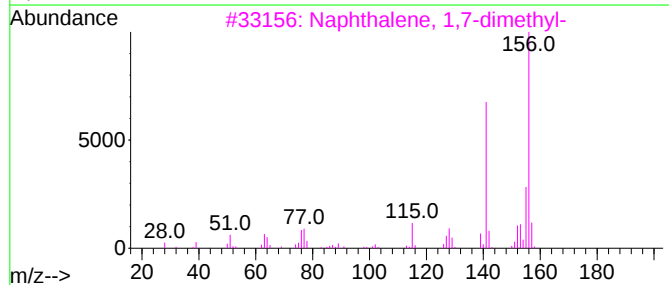
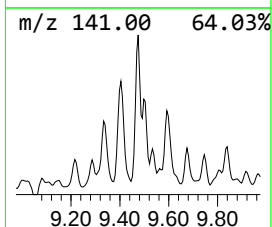
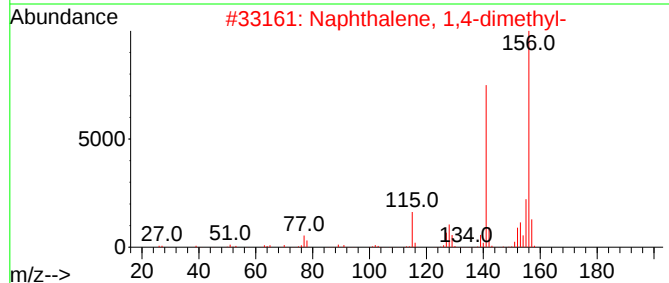
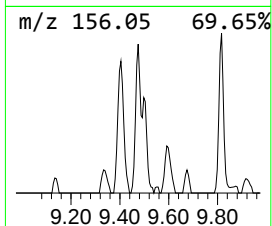
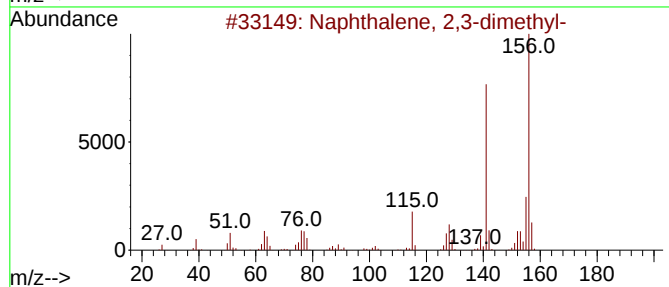
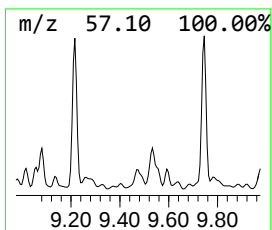
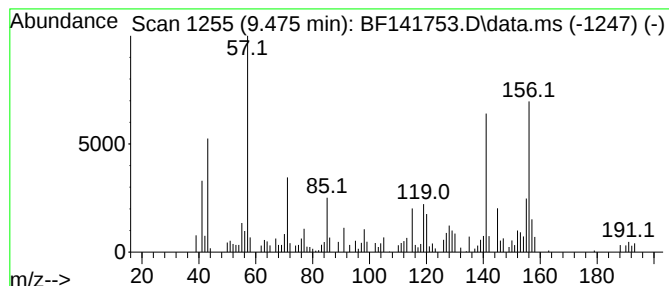
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	3.94 ng	90374	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
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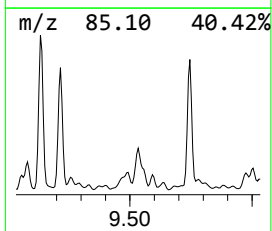
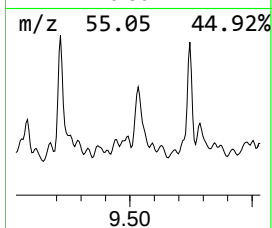
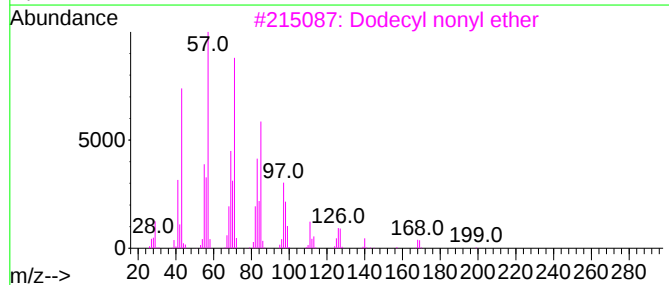
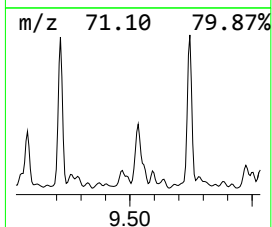
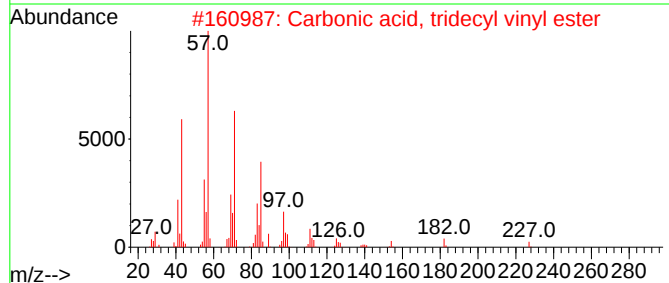
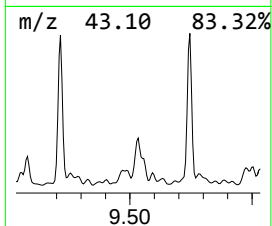
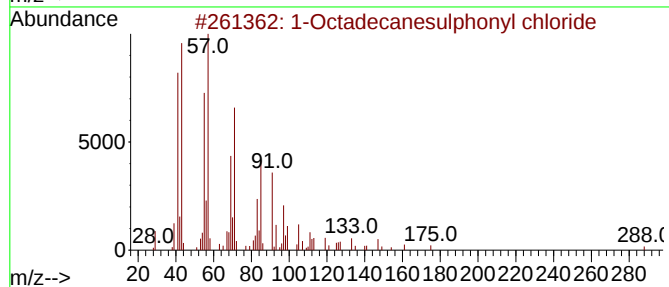
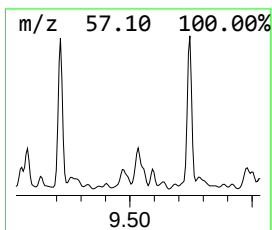
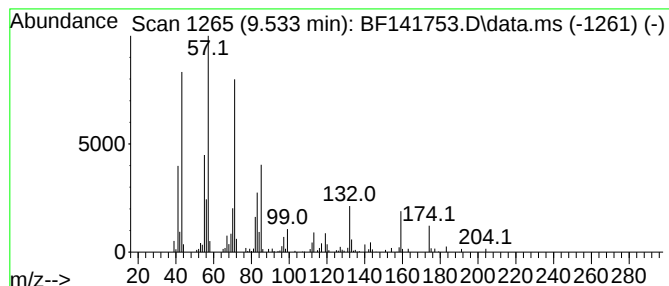
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Octadecanesulphonyl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	6.40 ng	146633	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
2			Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	59
3			Dodecyl nonyl ether	312	C21H44O	1000406-37-5	59
4			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	59
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141753.D
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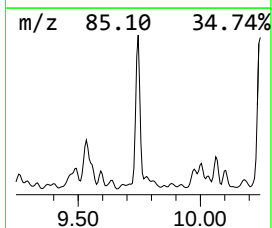
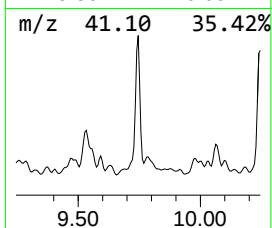
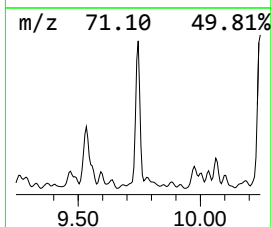
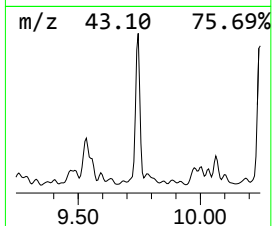
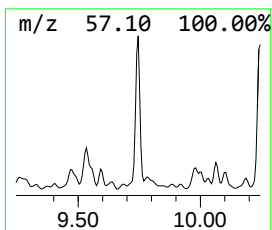
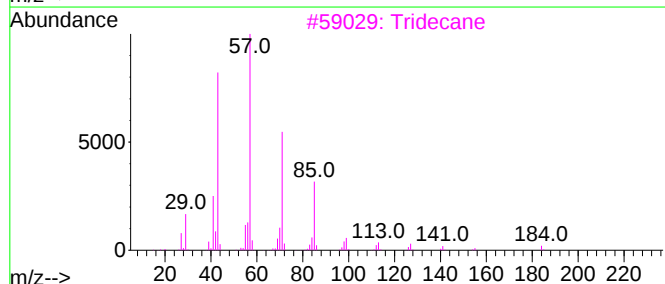
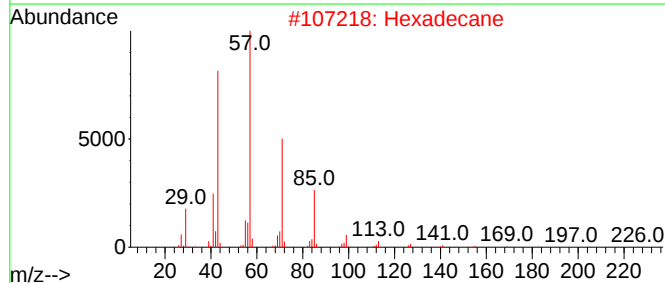
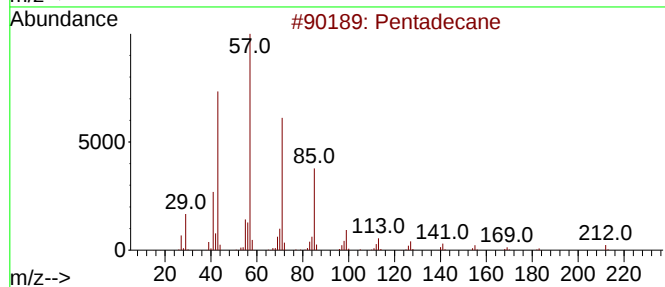
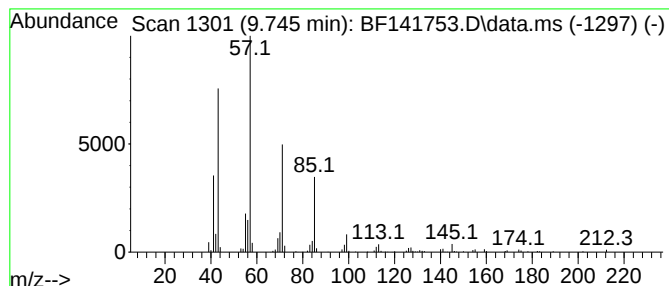
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	9.91 ng	227104	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	95
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tridecane	184	C13H28	000629-50-5	86
4		Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	80
5		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
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ClientSampleId :
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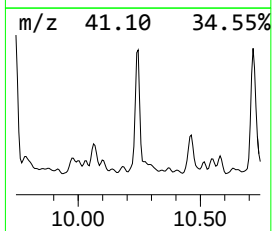
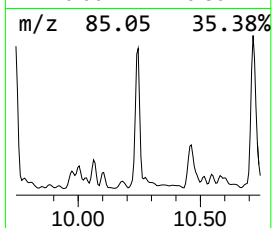
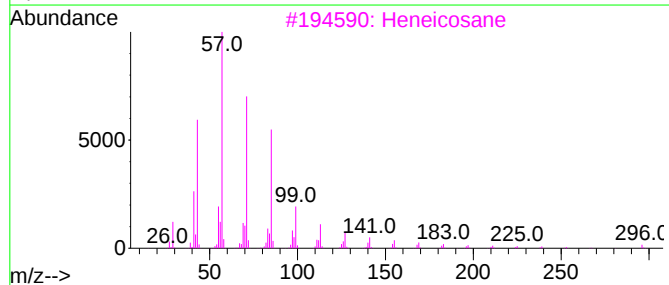
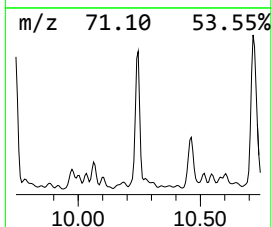
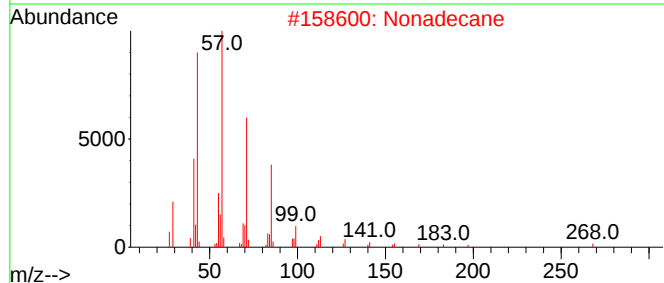
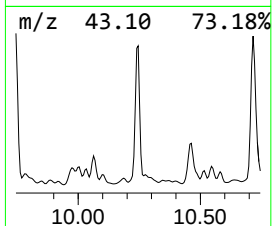
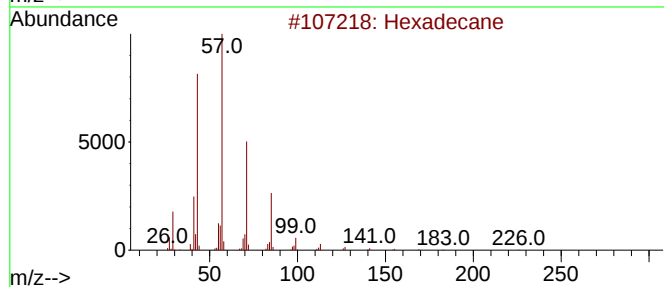
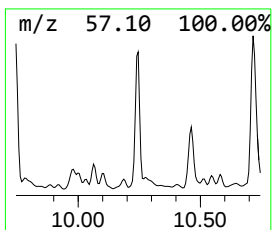
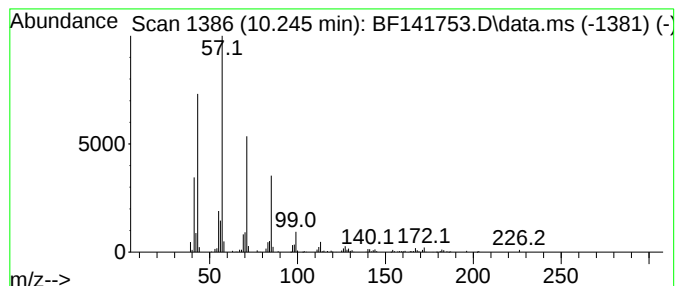
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	10.59 ng	242578	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heneicosane	296	C21H44	000629-94-7	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\BF022425\
Data File : BF141753.D
Acq On : 24 Feb 2025 19:35
Operator : RC/JU
Sample : Q1411-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

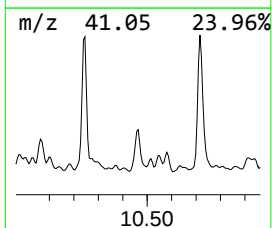
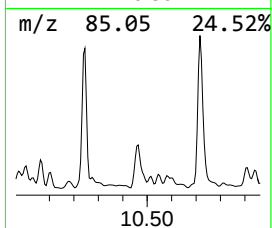
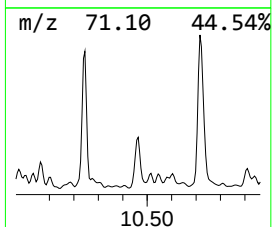
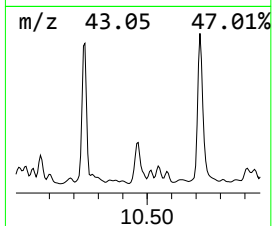
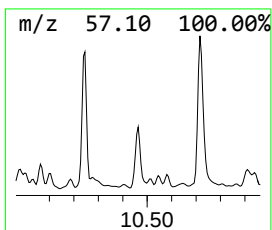
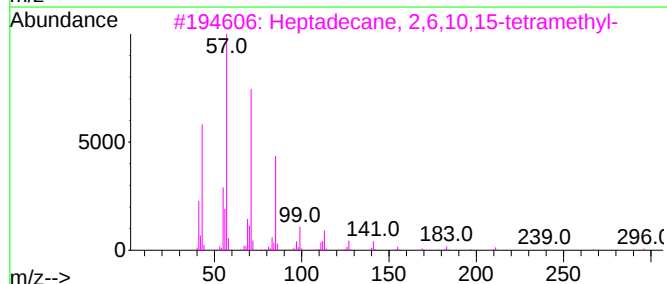
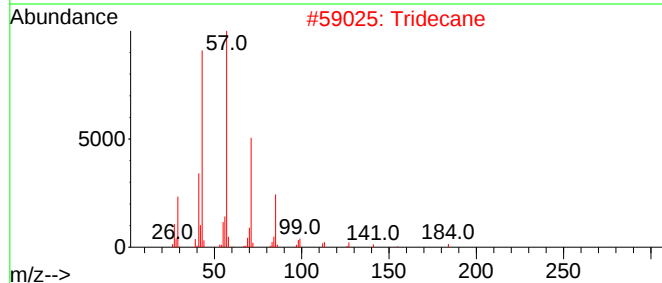
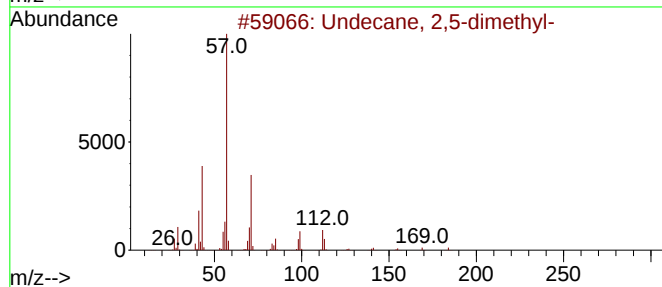
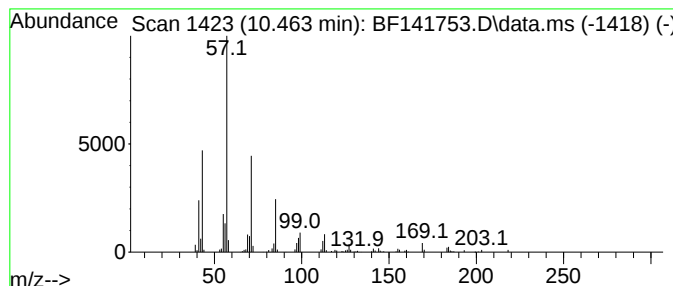
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.463	4.59 ng	105086	Acenaphthene-d10			9.816
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	76
2	Tridecane		184	C13H28	000629-50-5	72
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	72
4	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	68
5	Heptadecane		240	C17H36	000629-78-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
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Sample : Q1411-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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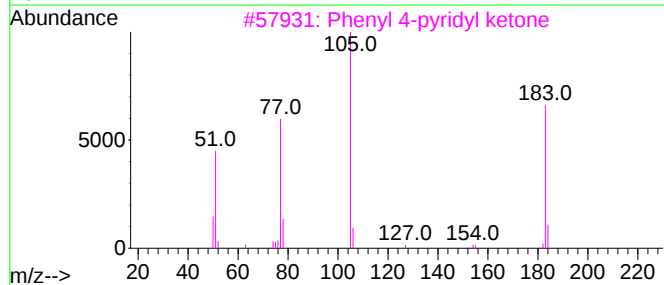
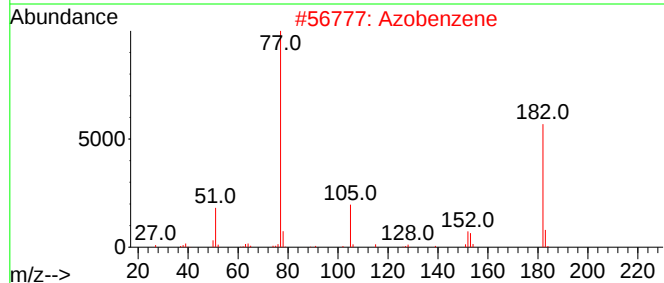
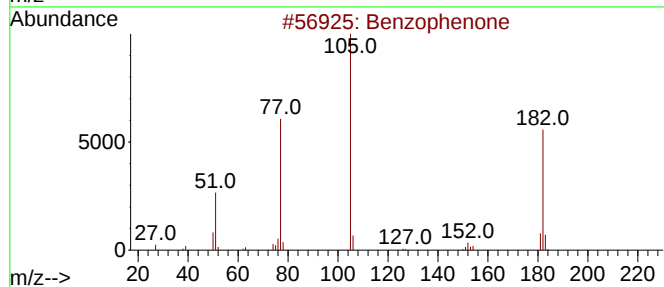
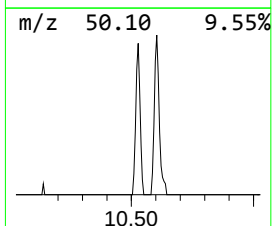
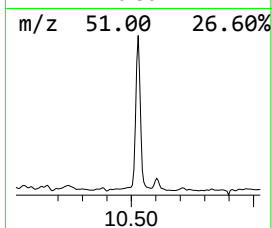
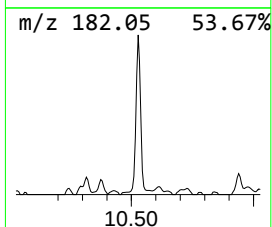
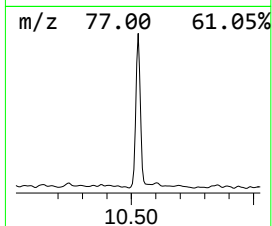
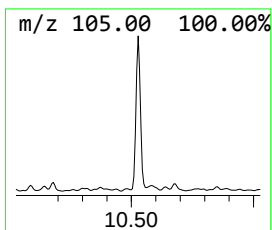
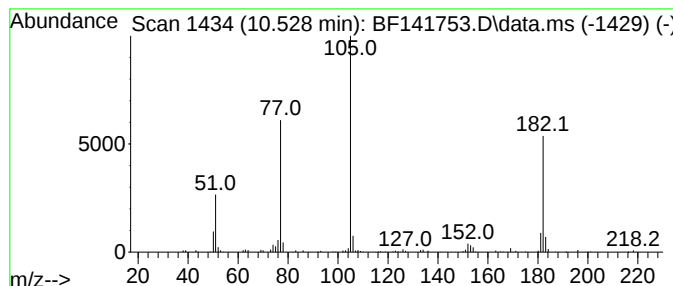
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	5.32 ng	121898	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzophenone	182	C13H10O	000119-61-9	97
2		Azobenzene	182	C12H10N2	000103-33-3	58
3		Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	52
4		Vinyl benzoate	148	C9H8O2	000769-78-8	47
5		1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141753.D
Acq On : 24 Feb 2025 19:35
Operator : RC/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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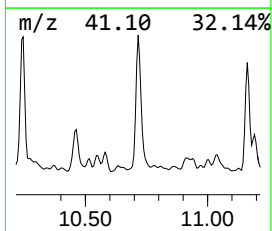
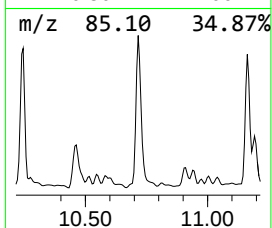
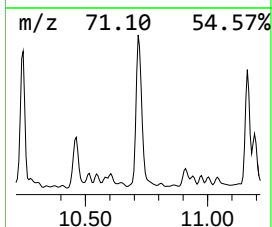
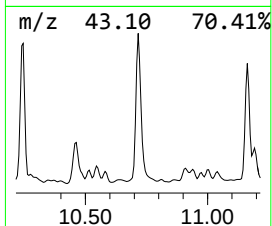
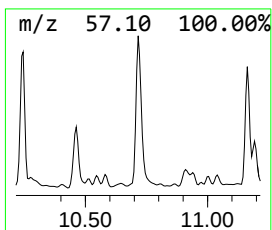
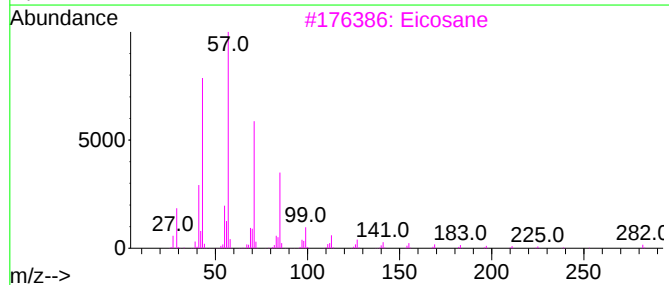
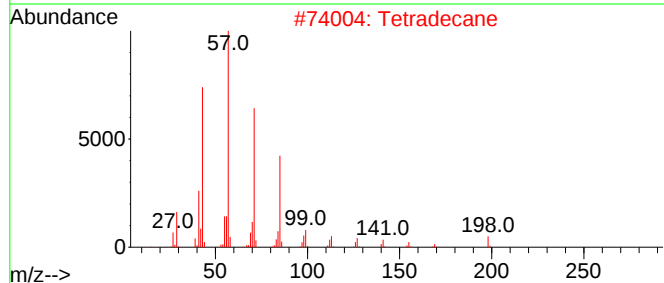
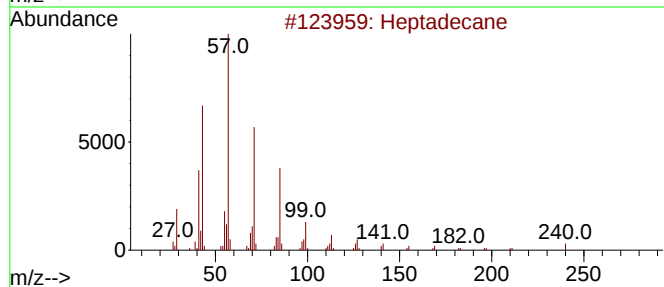
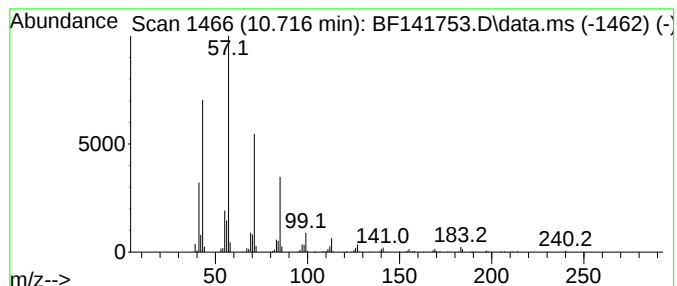
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.716	11.49 ng	317738	Phenanthrene-d10	11.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Tetradecane	198	C14H30	000629-59-4	93
3		Eicosane	282	C20H42	000112-95-8	90
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141753.D
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Instrument :
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ClientSampleId :
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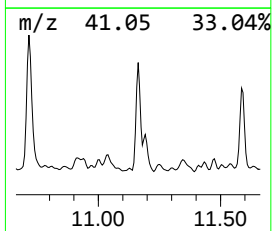
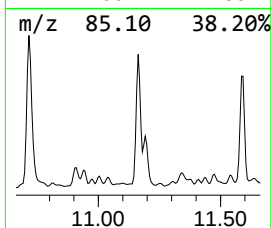
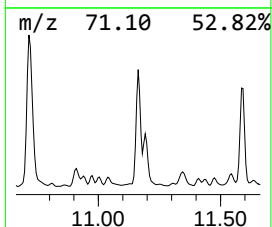
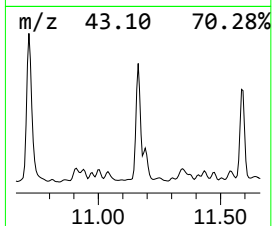
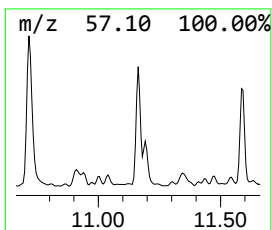
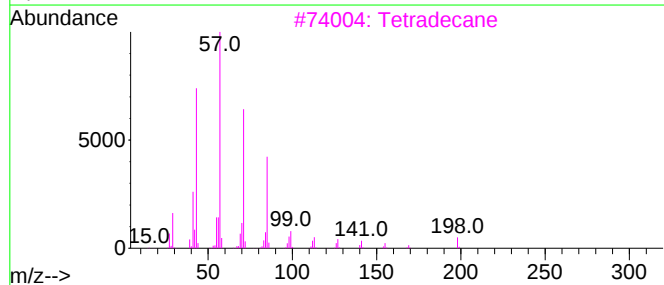
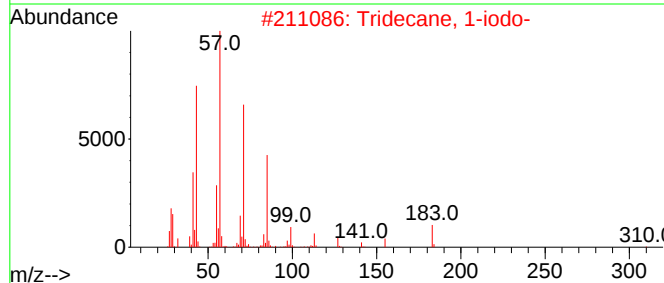
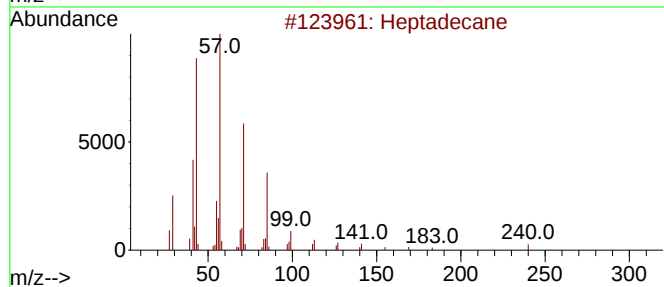
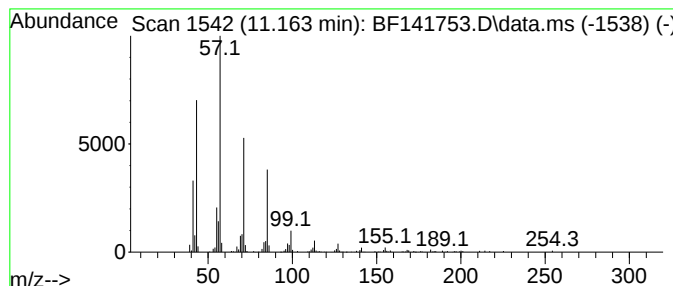
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	7.70 ng	212973	Phenanthrene-d10	11.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Eicosane	282	C20H42	000112-95-8	80
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141753.D
Acq On : 24 Feb 2025 19:35
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-02212025

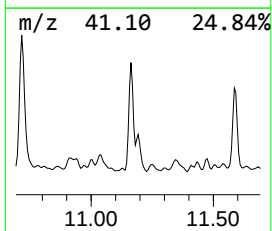
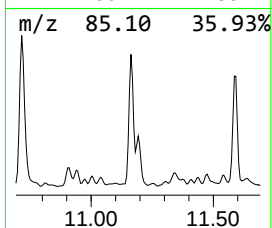
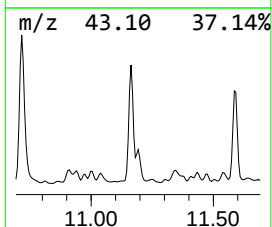
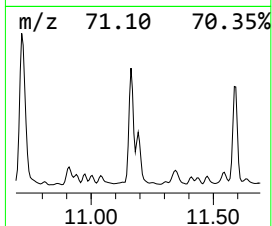
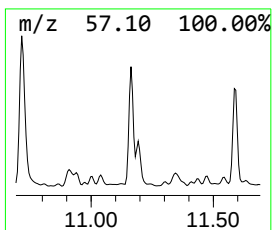
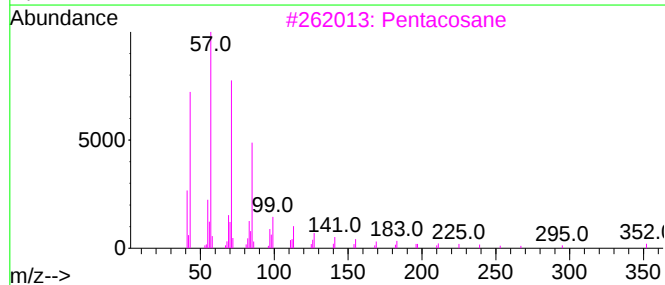
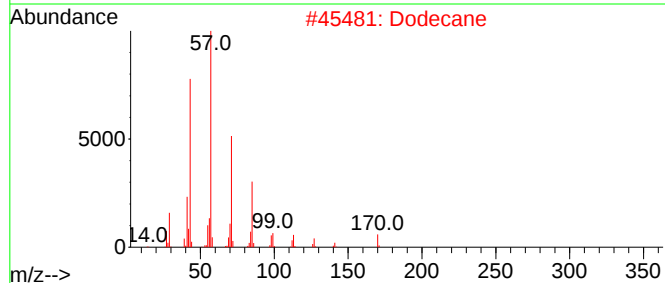
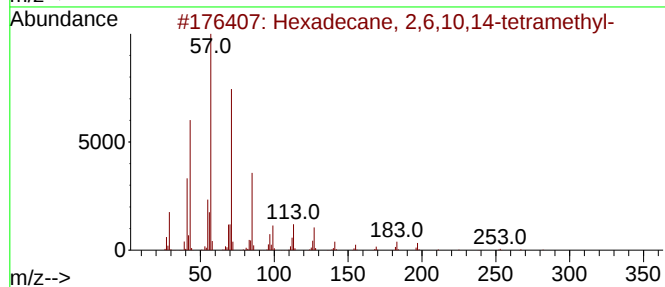
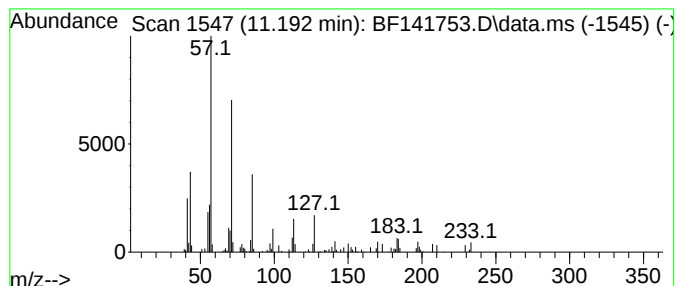
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	3.22 ng	88960	Phenanthrene-d10	11.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2		Dodecane	170	C12H26	000112-40-3	80
3		Pentacosane	352	C25H52	000629-99-2	72
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5		Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141753.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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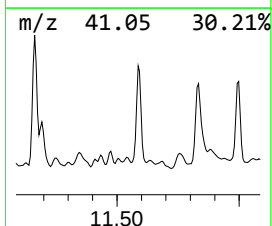
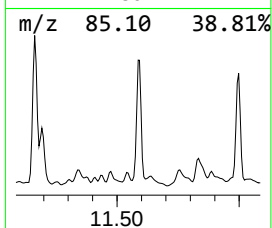
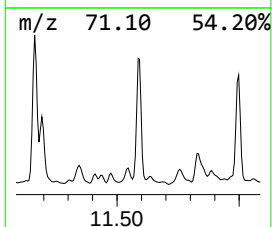
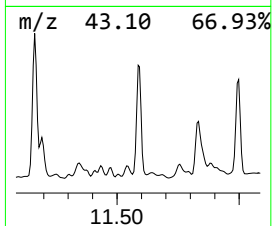
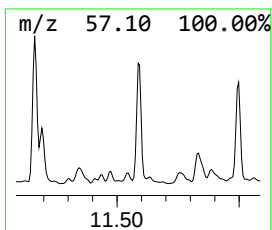
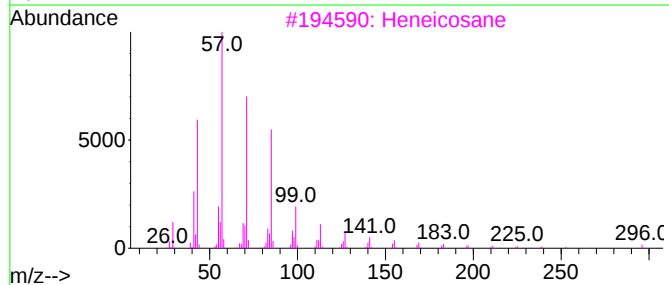
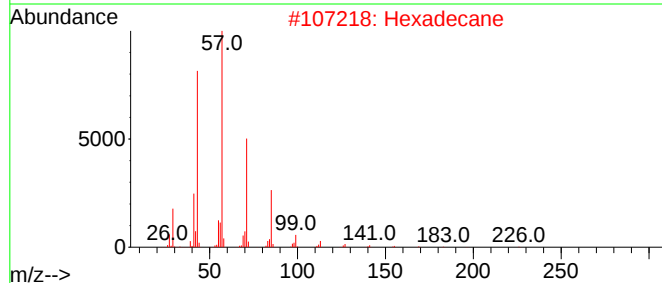
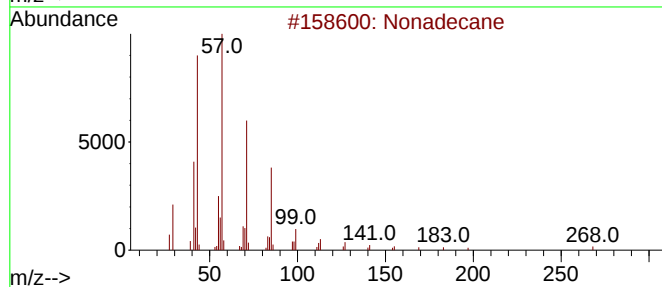
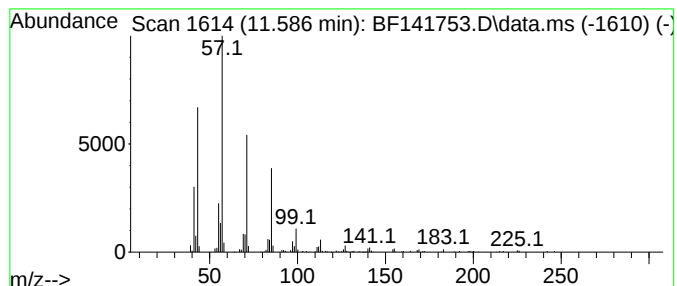
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.586	6.05 ng	167270	Phenanthrene-d10	11.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetradecane	198	C14H30	000629-59-4	87
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141753.D
Acq On : 24 Feb 2025 19:35
Operator : RC/JU
Sample : Q1411-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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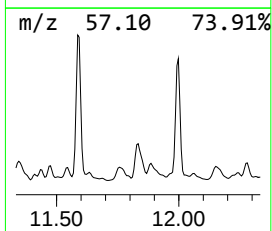
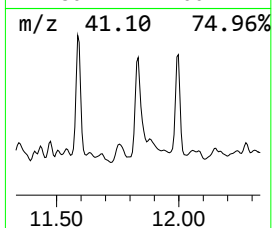
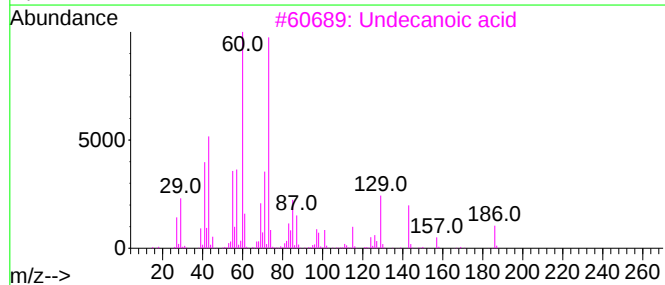
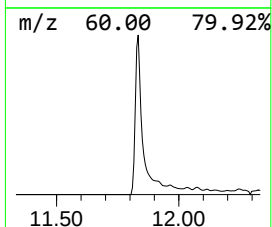
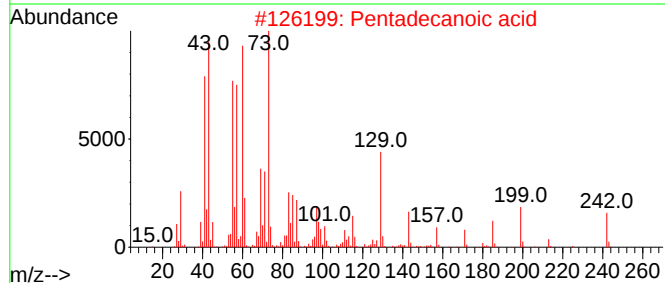
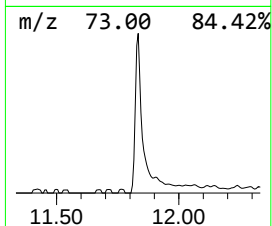
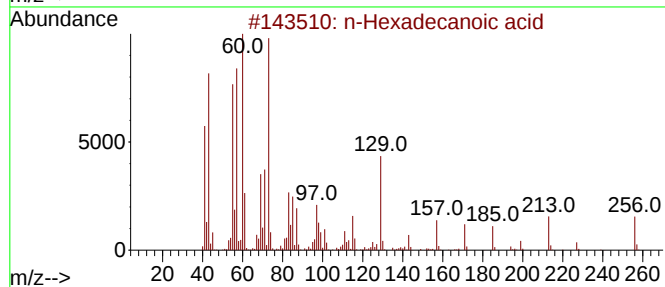
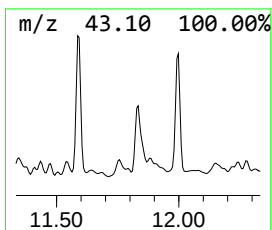
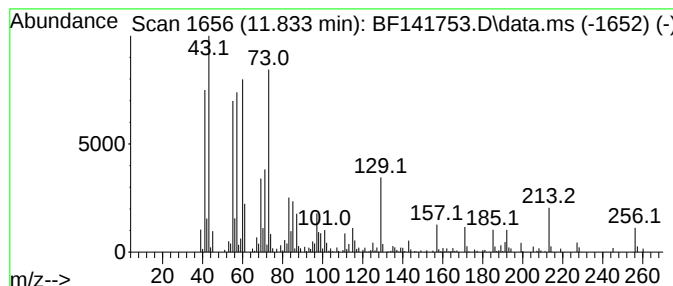
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	6.33 ng	175011	Phenanthrene-d10	11.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		Undecanoic acid	186	C11H22O2	000112-37-8	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141753.D
Acq On : 24 Feb 2025 19:35
Operator : RC/JU
Sample : Q1411-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

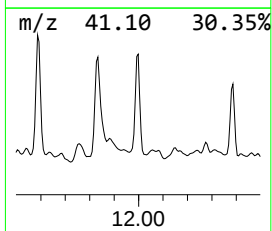
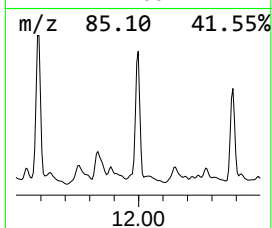
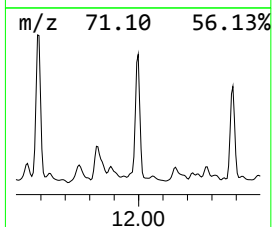
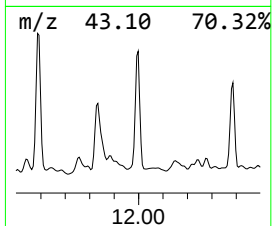
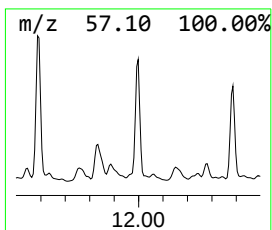
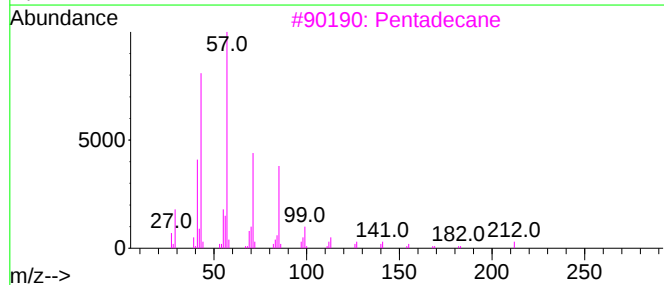
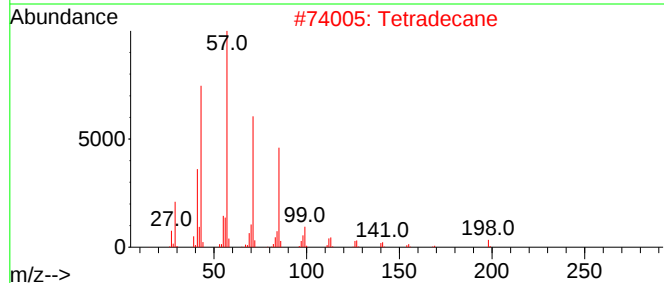
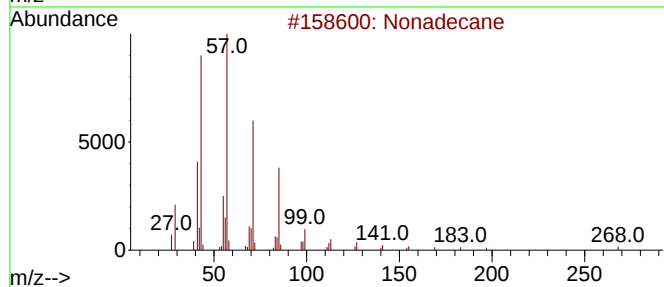
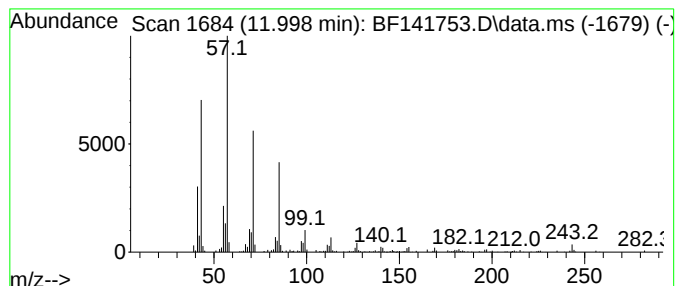
Instrument :
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ClientSampleId :
HR-02-02212025

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 19 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.998	5.61 ng	155259	Phenanthrene-d10		11.304	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	90
2	Tetradecane		198	C14H30	000629-59-4	87
3	Pentadecane		212	C15H32	000629-62-9	87
4	Heptacosane		380	C27H56	000593-49-7	87
5	Tetracosane		338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141753.D
Acq On : 24 Feb 2025 19:35
Operator : RC/JU
Sample : Q1411-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-02212025

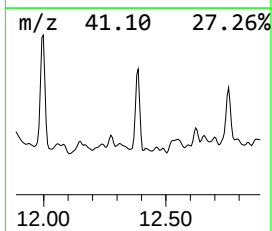
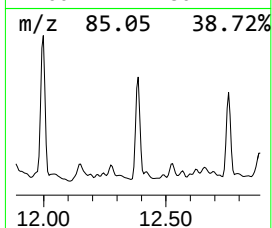
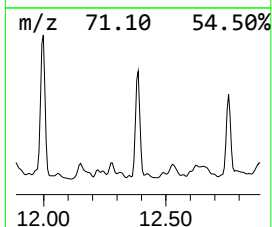
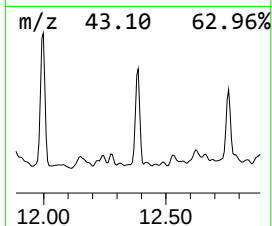
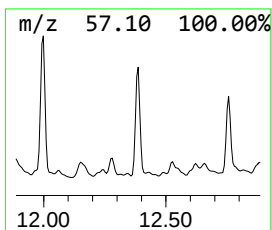
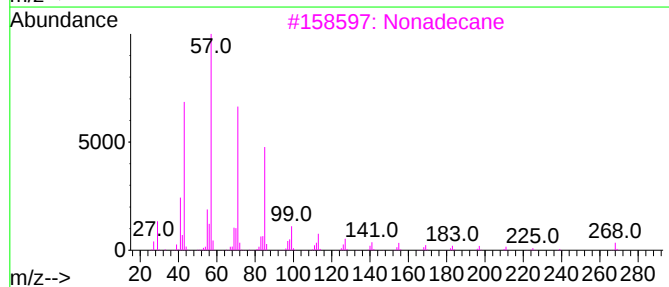
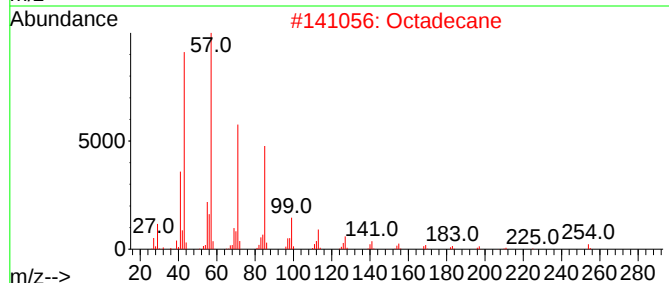
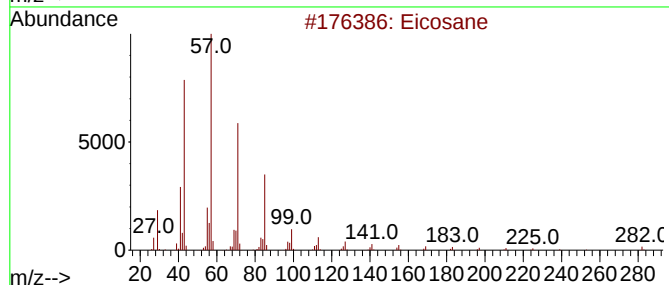
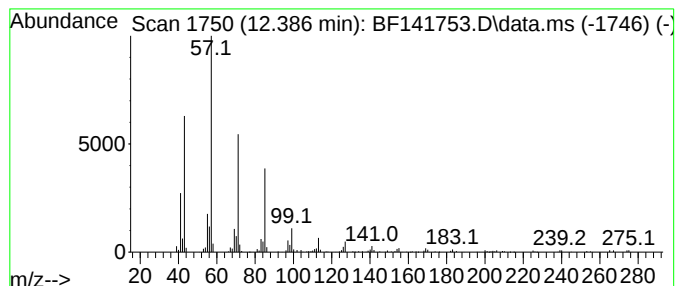
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	3.78 ng	104556	Phenanthrene-d10	11.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Octadecane	254	C18H38	000593-45-3	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Pentadecane	212	C15H32	000629-62-9	87
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141753.D
Acq On : 24 Feb 2025 19:35
Operator : RC/JU
Sample : Q1411-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-02212025

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
Benzene, 2-ethe...	7.804	3.8	ng	139947	2	8.063	743895	20.0
Naphthalene, 1,...	8.569	3.5	ng	130551	2	8.063	743895	20.0
Tridecane	8.651	5.6	ng	206922	2	8.063	743895	20.0
Naphthalene, 1,...	8.881	3.2	ng	118027	2	8.063	743895	20.0
4-(1H-Imidazol-...	9.010	3.2	ng	73705	3	9.816	458285	20.0
Dodecane, 2,6,1...	9.081	4.8	ng	109634	3	9.816	458285	20.0
Tetradecane	9.216	11.0	ng	251842	3	9.816	458285	20.0
Naphthalene, 2,...	9.475	3.9	ng	90374	3	9.816	458285	20.0
1-Octadecanesul...	9.533	6.4	ng	146633	3	9.816	458285	20.0
Pentadecane	9.745	9.9	ng	227104	3	9.816	458285	20.0
Hexadecane	10.245	10.6	ng	242578	3	9.816	458285	20.0
Undecane, 2,5-d...	10.463	4.6	ng	105086	3	9.816	458285	20.0
Benzophenone	10.528	5.3	ng	121898	3	9.816	458285	20.0
Heptadecane	10.716	11.5	ng	317738	4	11.304	553280	20.0
Tridecane, 1-iodo-	11.163	7.7	ng	212973	4	11.304	553280	20.0
Hexadecane, 2,6...	11.192	3.2	ng	88960	4	11.304	553280	20.0
Nonadecane	11.586	6.0	ng	167270	4	11.304	553280	20.0
n-Hexadecanoic ...	11.833	6.3	ng	175011	4	11.304	553280	20.0
Heptacosane	11.998	5.6	ng	155259	4	11.304	553280	20.0
Eicosane	12.386	3.8	ng	104556	4	11.304	553280	20.0