

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142463.D
 Acq On : 19 May 2025 20:52
 Operator : RC/JU
 Sample : Q2071-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L2-WC-6

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF050525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142463.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.228	336	346	351	rBV2	50896	90760	1.51%	0.135%
2	4.563	396	403	411	rVB2	48281	82220	1.36%	0.122%
3	4.963	464	471	476	rVB	71542	107251	1.78%	0.160%
4	5.063	476	488	492	rBV4	87565	235515	3.91%	0.350%
5	5.116	492	497	503	rVV2	186544	282749	4.69%	0.421%
6	5.245	512	519	525	rVB3	27599	60587	1.01%	0.090%
7	5.322	525	532	536	rBV2	111995	187746	3.11%	0.279%
8	5.516	559	565	570	rVB	1113799	1517259	25.17%	2.257%
9	5.681	588	593	597	rBV3	81786	146784	2.44%	0.218%
10	5.722	597	600	604	rVV	101215	127492	2.12%	0.190%
11	5.763	604	607	615	rVB2	71341	128211	2.13%	0.191%
12	5.928	628	635	639	rBV4	140718	268405	4.45%	0.399%
13	5.975	639	643	651	rVV3	69929	147623	2.45%	0.220%
14	6.063	651	658	662	rVB3	154607	265174	4.40%	0.394%
15	6.110	662	666	668	rBV2	54370	69729	1.16%	0.104%
16	6.157	668	674	680	rVV3	421133	788669	13.08%	1.173%
17	6.210	680	683	686	rVV	212408	263186	4.37%	0.391%
18	6.245	686	689	696	rVB5	47520	112317	1.86%	0.167%
19	6.345	701	706	710	rBV2	236992	377505	6.26%	0.562%
20	6.404	710	716	719	rBV3	198012	308333	5.12%	0.459%
21	6.439	719	722	728	rBV4	277594	431471	7.16%	0.642%
22	6.492	728	731	732	rBV	140185	135679	2.25%	0.202%
23	6.522	732	736	741	rVB	1049352	1378239	22.87%	2.050%
24	6.581	743	746	749	rVB2	113760	127628	2.12%	0.190%
25	6.645	752	757	761	rBV5	202184	399911	6.63%	0.595%
26	6.763	770	777	780	rBV4	131758	307419	5.10%	0.457%
27	6.869	780	795	797	rBV6	210676	621378	10.31%	0.924%
28	6.910	797	802	807	rVB2	801200	1355275	22.48%	2.016%
29	6.963	807	811	814	rBV2	93372	117012	1.94%	0.174%
30	7.016	814	820	822	rBV4	181084	353526	5.87%	0.526%
31	7.051	822	826	830	rVV2	466602	582998	9.67%	0.867%
32	7.134	837	840	843	rBV2	142205	199343	3.31%	0.297%
33	7.181	843	848	851	rVV	435748	596243	9.89%	0.887%
34	7.210	851	853	855	rVV	157622	145389	2.41%	0.216%
35	7.245	855	859	863	rVB2	300398	404485	6.71%	0.602%
36	7.292	863	867	871	rBV3	420988	691304	11.47%	1.028%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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37	7.386	879	883	885	rBV4	74575	117729	1.95%	0.175%
38	7.439	886	892	893	rBV4	615919	982144	16.29%	1.461%
39	7.463	893	896	900	rVB	521824	773112	12.83%	1.150%
40	7.551	906	911	914	rBV3	477892	734881	12.19%	1.093%
41	7.610	914	921	925	rBV3	419244	857175	14.22%	1.275%
42	7.686	930	934	937	rBV3	534286	645396	10.71%	0.960%
43	7.786	947	951	952	rBV	369417	426578	7.08%	0.635%
44	7.810	952	955	957	rVV	536541	789099	13.09%	1.174%
45	7.869	961	965	968	rVB2	495127	658910	10.93%	0.980%
46	7.904	968	971	973	rBV2	273567	316519	5.25%	0.471%
47	7.934	973	976	981	rVB3	654092	928015	15.40%	1.380%
48	7.981	981	984	987	rBV	433941	503920	8.36%	0.750%
49	8.063	994	998	1001	rBV2	398144	651250	10.80%	0.969%
50	8.139	1006	1011	1013	rVV4	488145	858895	14.25%	1.278%
51	8.169	1013	1016	1025	rVB4	1127519	2437320	40.44%	3.626%
52	8.251	1025	1030	1033	rBV	1720774	2246362	37.27%	3.342%
53	8.339	1042	1045	1048	rBV2	289222	426565	7.08%	0.635%
54	8.392	1052	1054	1058	rVB3	420455	538307	8.93%	0.801%
55	8.481	1065	1069	1075	rVB6	1163471	1778372	29.50%	2.645%
56	8.533	1075	1078	1081	rBV3	489715	496860	8.24%	0.739%
57	8.569	1081	1084	1087	rBV3	594058	682582	11.32%	1.015%
58	8.610	1087	1091	1097	rBV	1820411	2838360	47.09%	4.222%
59	8.698	1103	1106	1108	rBV	451724	518756	8.61%	0.772%
60	8.733	1109	1112	1117	rVV5	631441	1155209	19.17%	1.718%
61	8.781	1117	1120	1124	rBV	1245720	1618529	26.85%	2.408%
62	8.880	1134	1137	1143	rVB3	1238720	1686906	27.99%	2.509%
63	8.975	1150	1153	1155	rBV4	455847	650219	10.79%	0.967%
64	9.075	1166	1170	1171	rBV3	710625	997595	16.55%	1.484%
65	9.186	1187	1189	1191	rBV3	486071	549781	9.12%	0.818%
66	9.216	1191	1194	1198	rVB2	2203224	2730075	45.29%	4.061%
67	9.263	1199	1202	1207	rBV	1314902	1682047	27.91%	2.502%
68	9.351	1213	1217	1222	rBV2	2275957	3695211	61.31%	5.497%
69	9.675	1267	1272	1278	rVB3	2228795	3515602	58.33%	5.230%
70	10.275	1371	1374	1376	rBV2	680497	894548	14.84%	1.331%
71	10.604	1426	1430	1435	rVB	2290618	3549856	58.89%	5.280%
72	10.874	1470	1476	1483	rVB2	3167157	6027559	100.00%	8.966%
73	11.339	1552	1555	1561	rVB	2169082	3002355	49.81%	4.466%
74	15.568	2271	2274	2295	rVB	352435	848531	14.08%	1.262%

Sum of corrected areas: 67225945

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

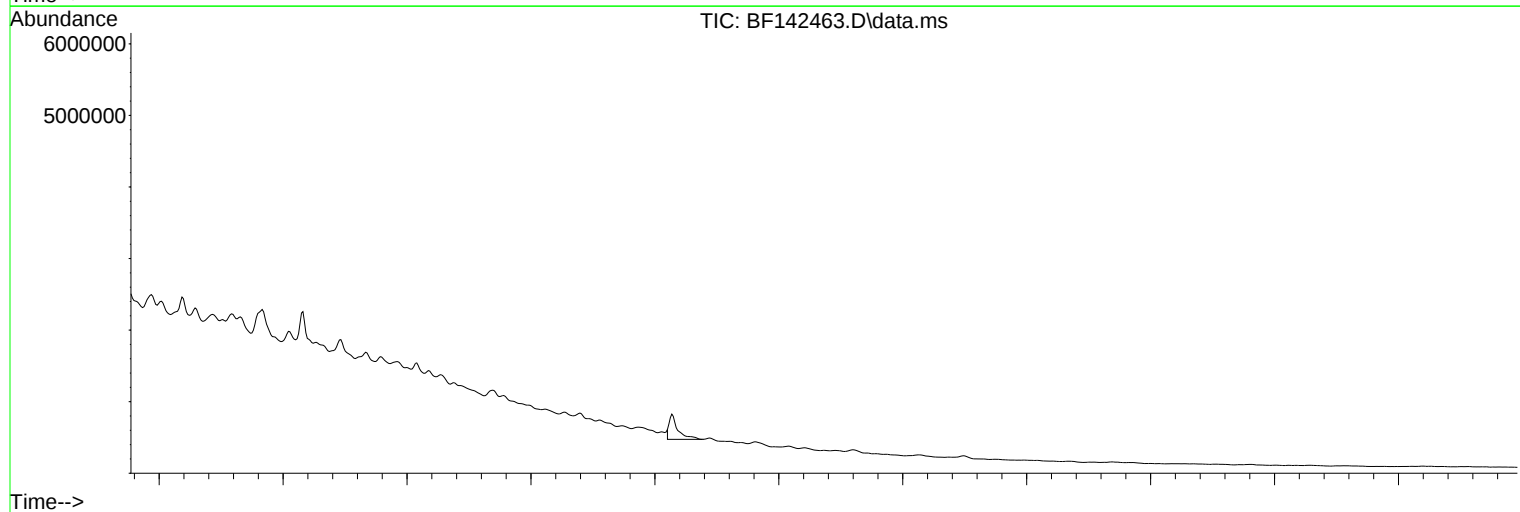
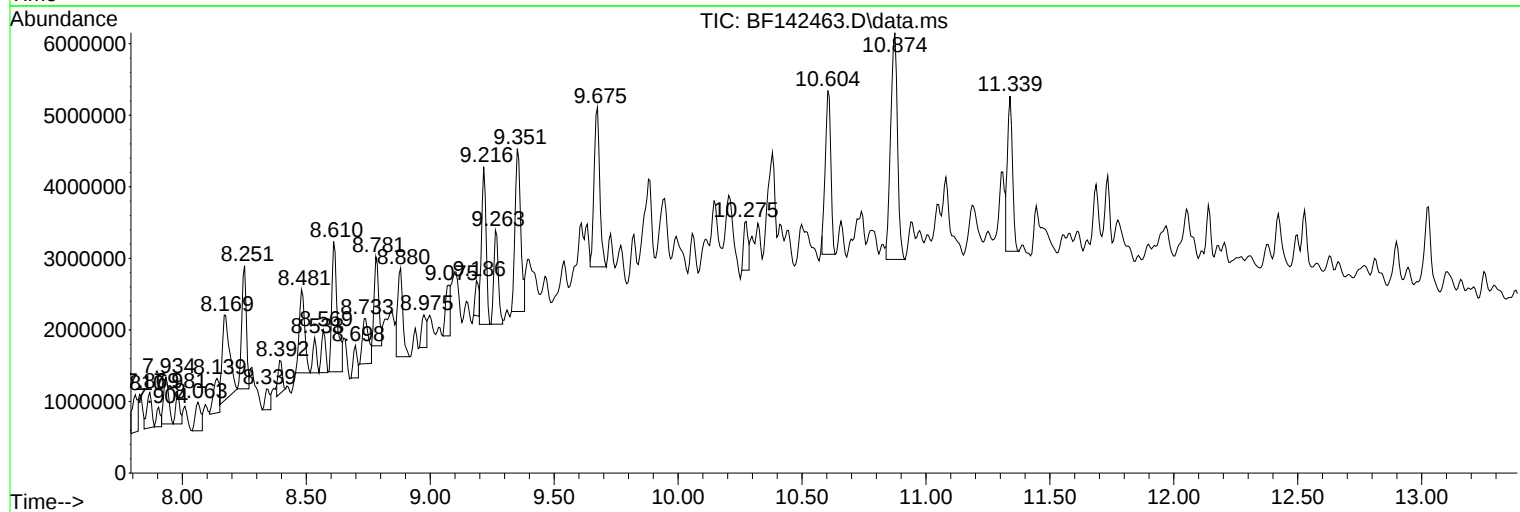
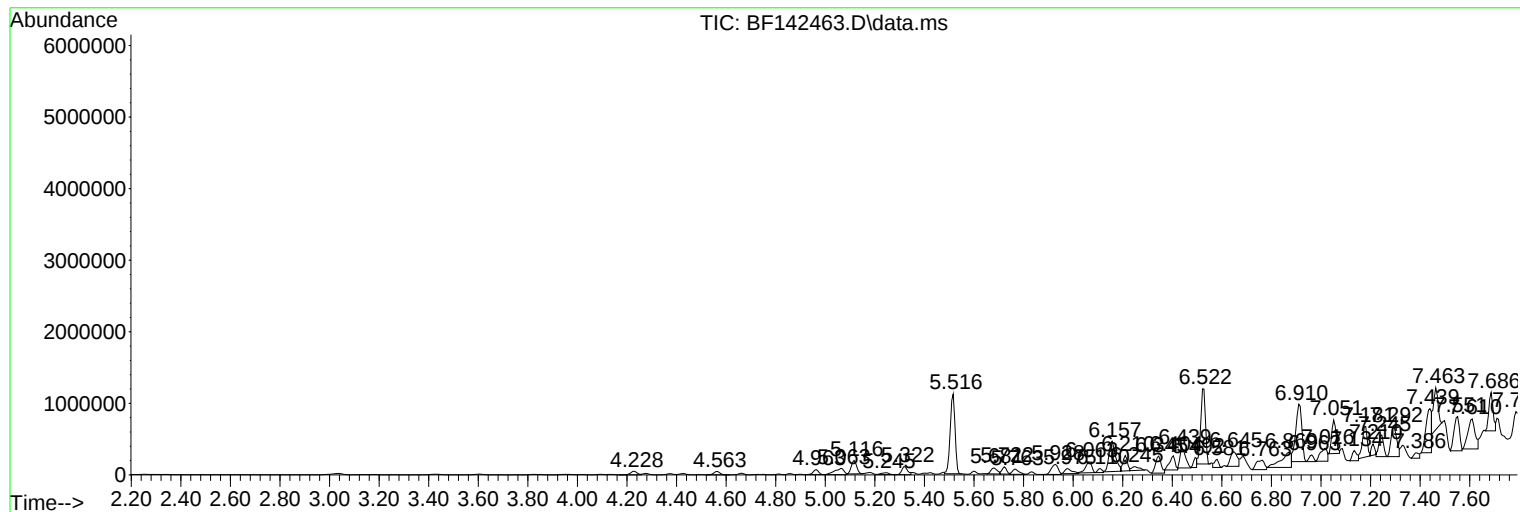
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Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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\BF051925\
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Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
L2-WC-6

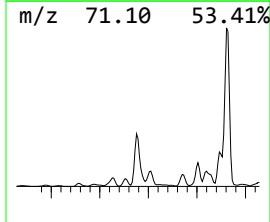
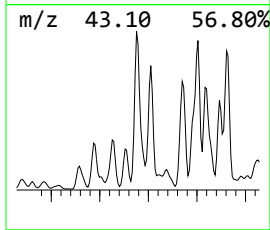
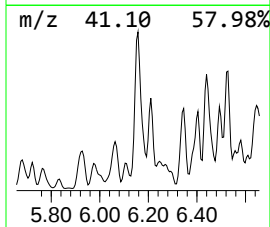
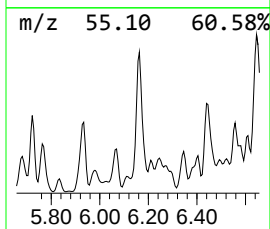
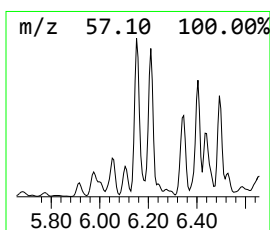
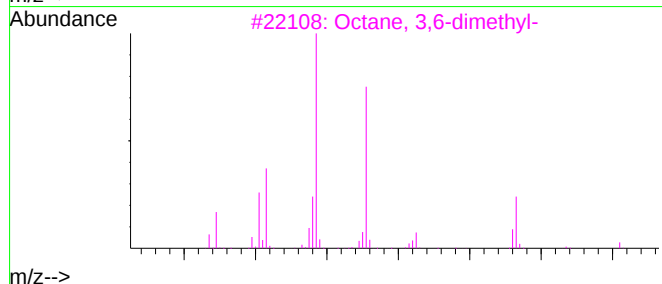
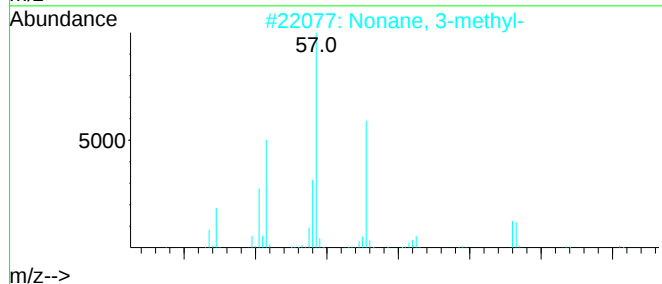
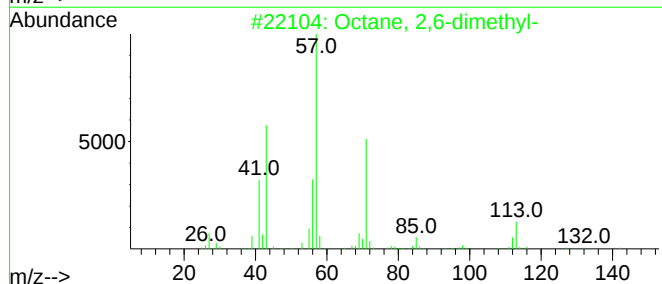
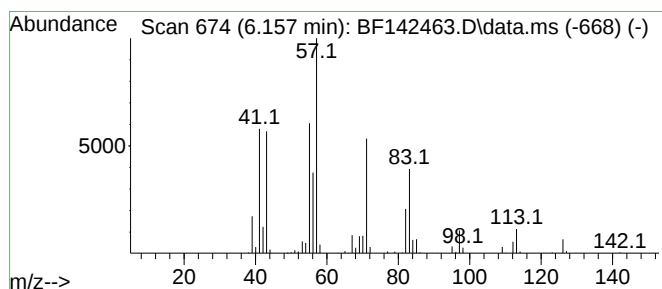
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.157	11.64 ng	788669	1,4-Dichlorobenzene-d4	6.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	55
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38
5	Decane, 3-methyl-	156	C11H24	013151-34-3	35



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Instrument :
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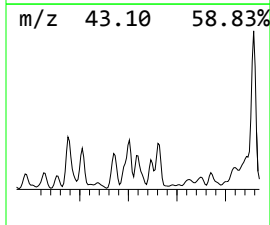
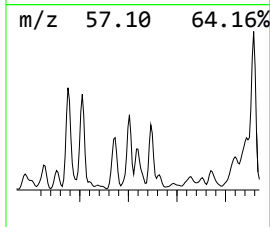
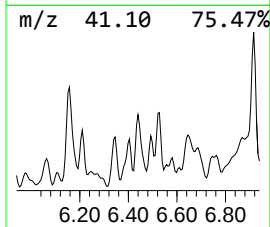
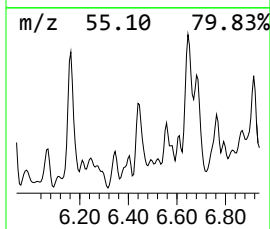
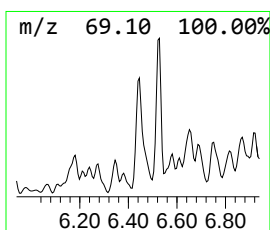
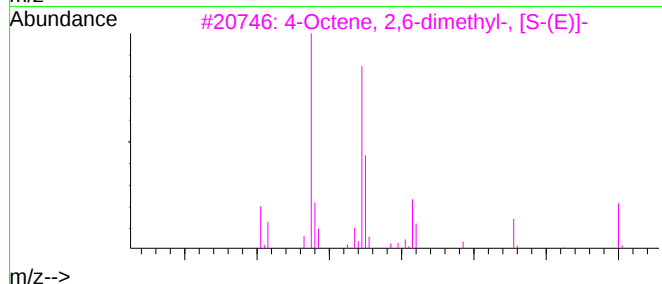
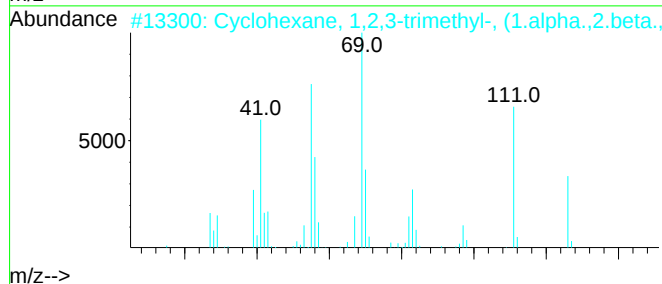
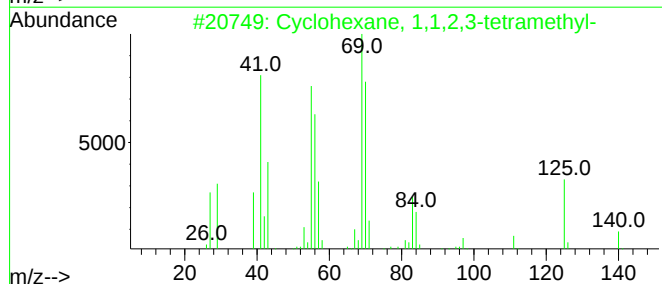
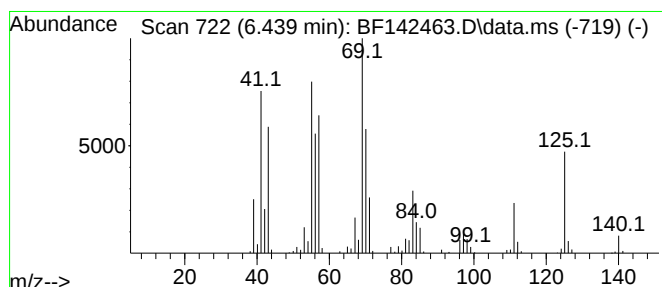
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.439	6.37 ng	431471	1,4-Dichlorobenzene-d4	6.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	76
2	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	52
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	49
4	1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	41
5	Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	38



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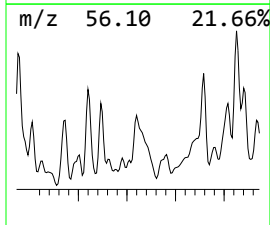
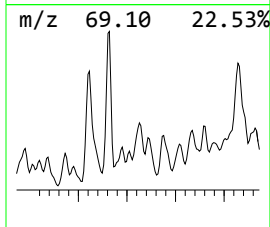
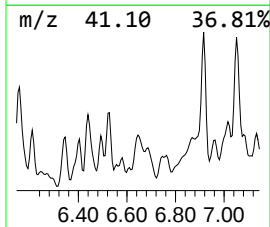
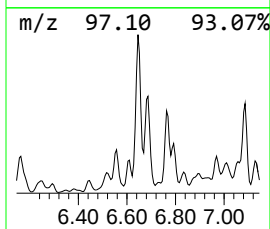
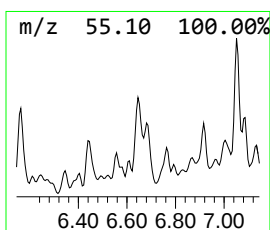
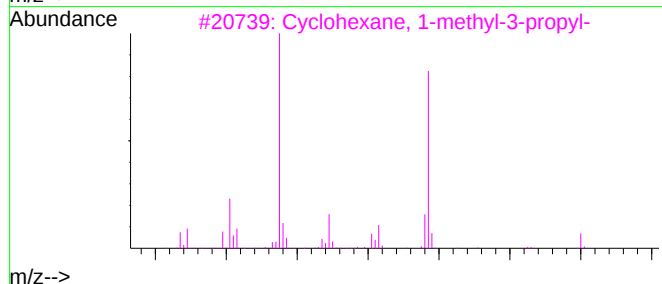
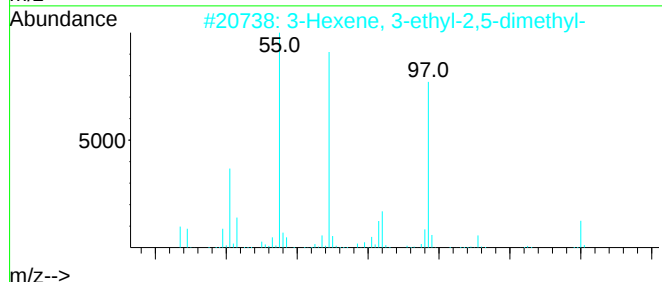
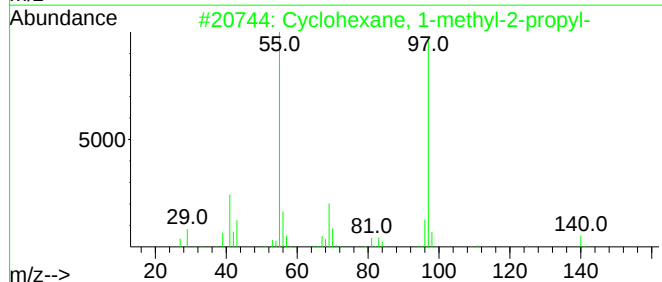
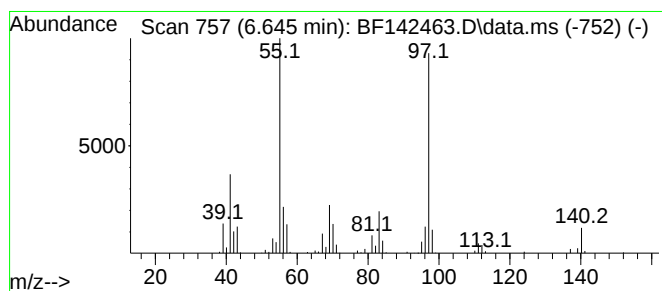
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1-methyl-2-pro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
6.645	5.90 ng	399911	1,4-Dichlorobenzene-d4			6.904
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-		140	C10H20	004291-79-6	81
2	3-Hexene, 3-ethyl-2,5-dimethyl-		140	C10H20	062338-08-3	64
3	Cyclohexane, 1-methyl-3-propyl-		140	C10H20	004291-80-9	64
4	Sulfurous acid, cyclohexylmethyl...		416	C24H48O3S	1000309-22-5	64
5	Cyclohexane, 1,4-dimethyl-, cis-		112	C8H16	000624-29-3	59



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

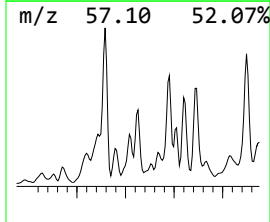
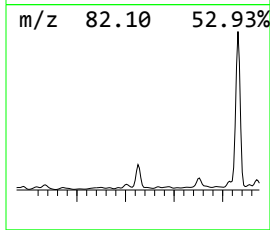
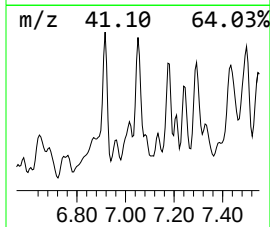
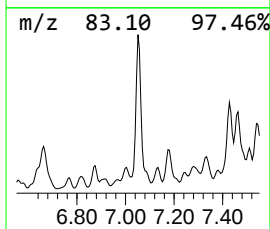
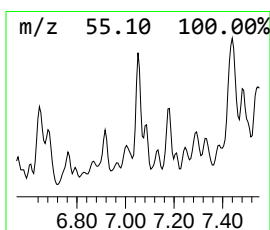
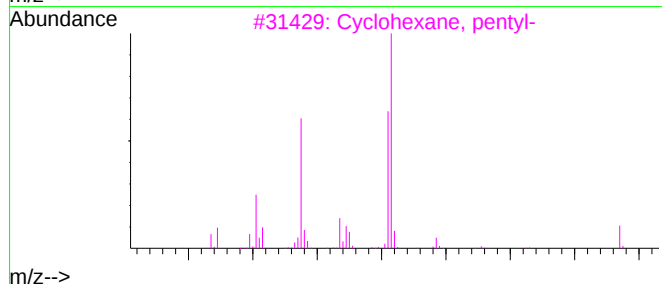
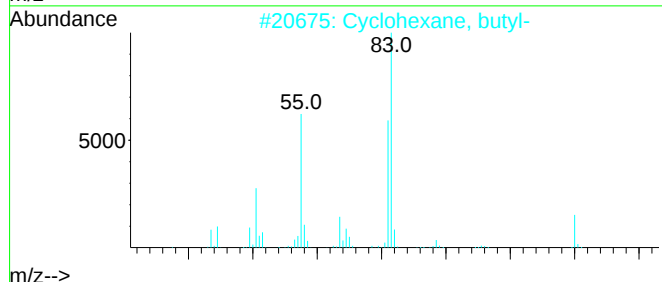
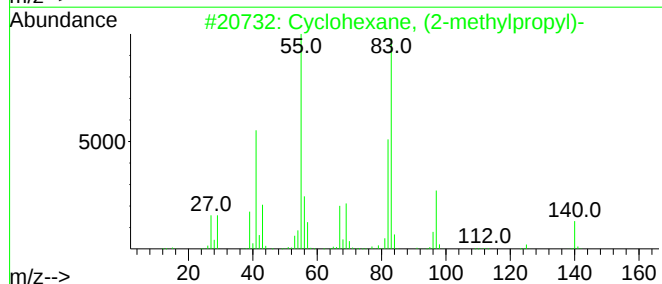
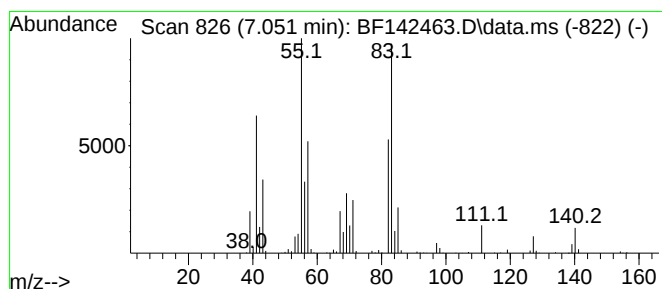
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, (2-methylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	8.60 ng	582998	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	81
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

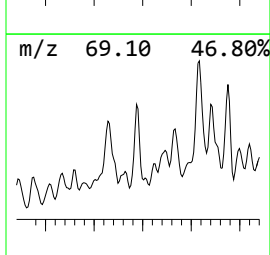
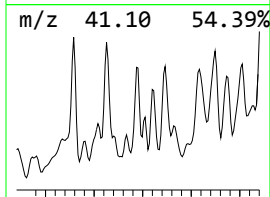
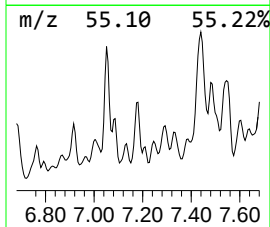
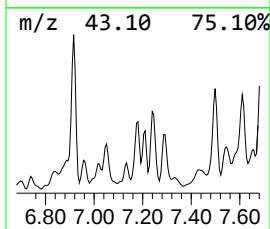
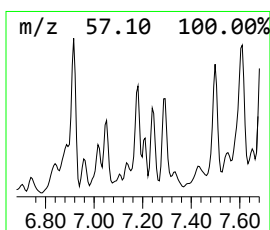
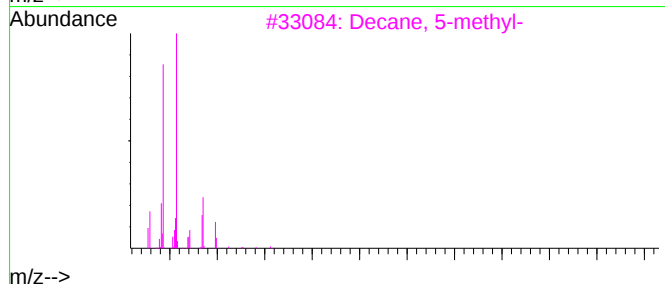
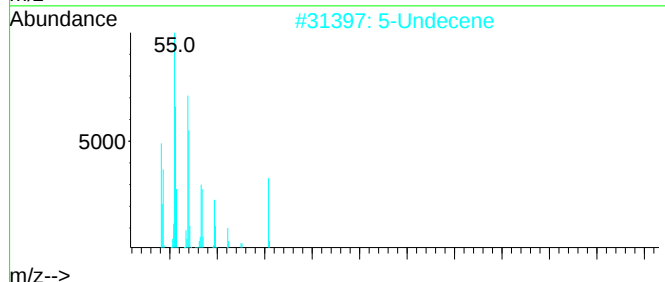
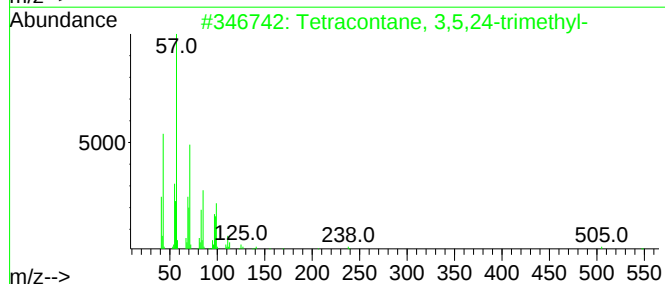
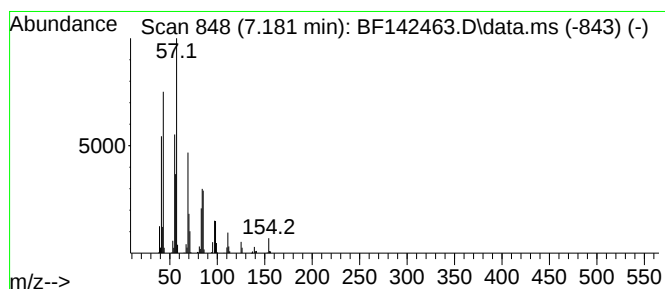
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetracontane, 3,5,24-trimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.181	8.80 ng	596243	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	80
2	5-Undecene	154	C11H22	004941-53-1	53
3	Decane, 5-methyl-	156	C11H24	013151-35-4	43
4	Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	43
5	4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

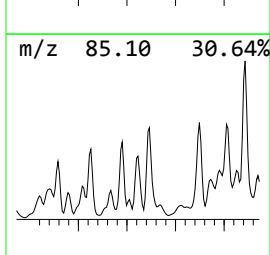
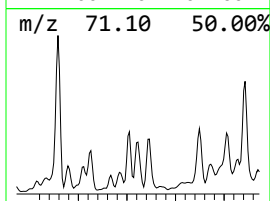
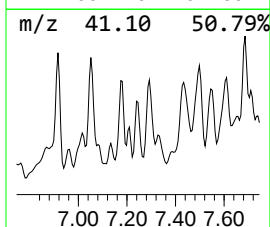
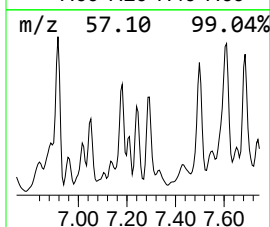
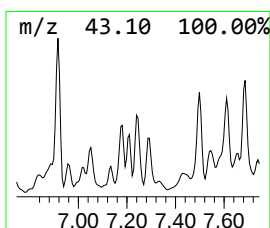
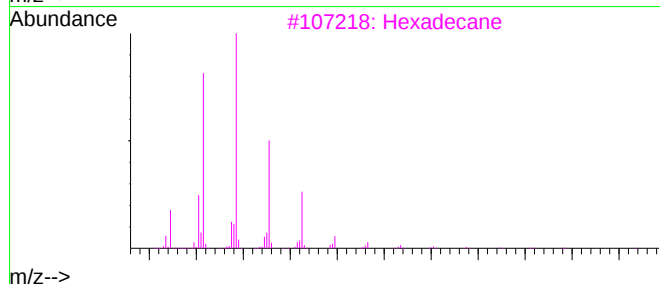
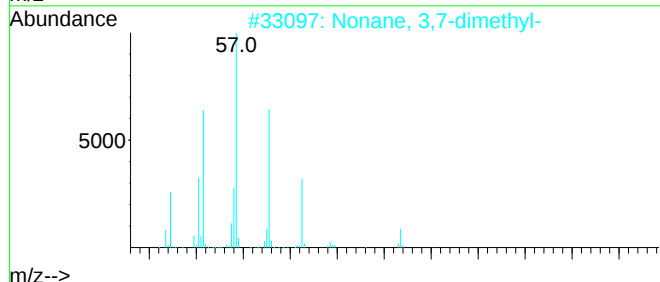
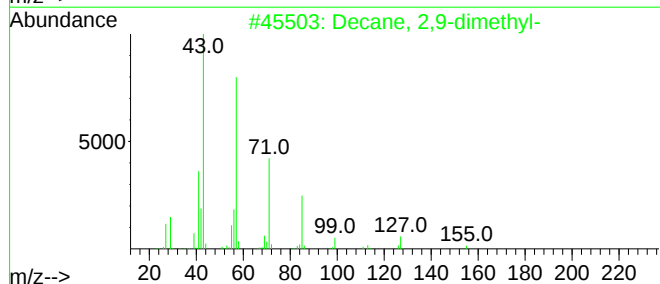
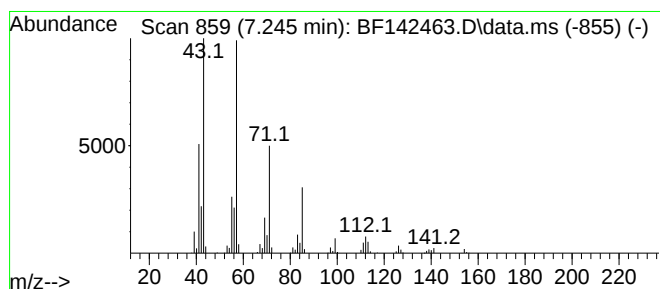
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Decane, 2,9-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.245	5.97 ng	404485	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
3	Hexadecane	226	C16H34	000544-76-3	64
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

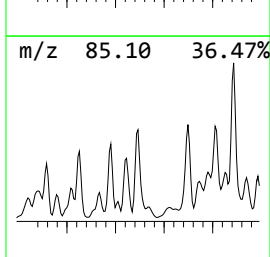
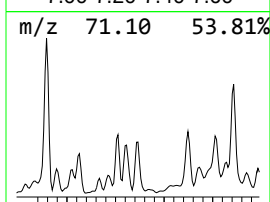
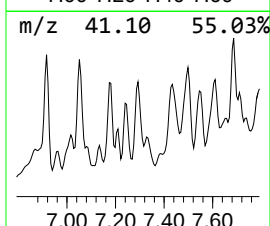
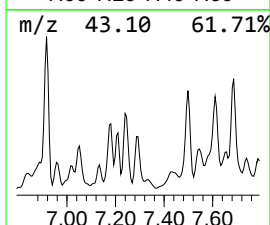
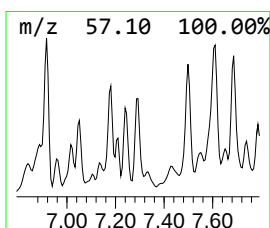
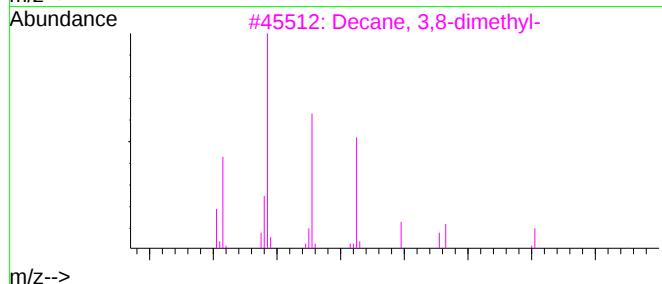
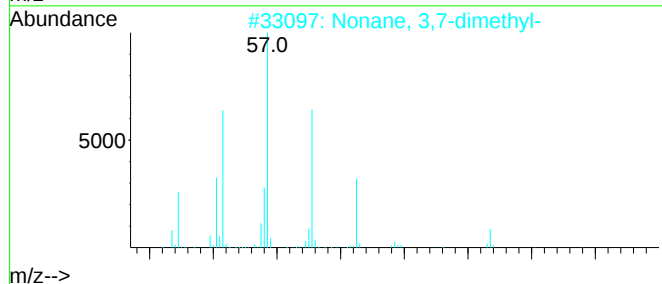
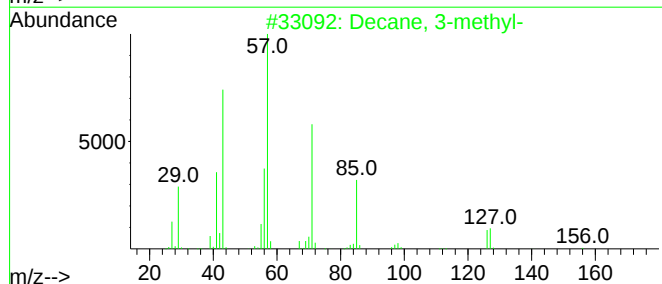
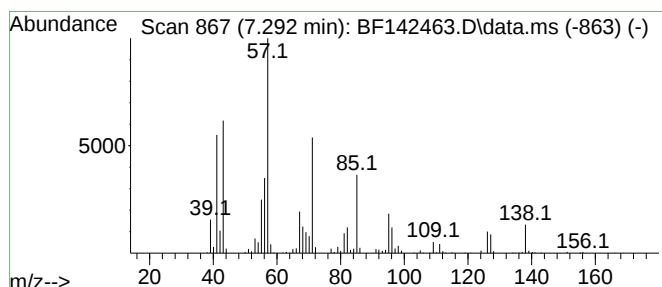
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 Decane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.292	10.20 ng	691304	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	93
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

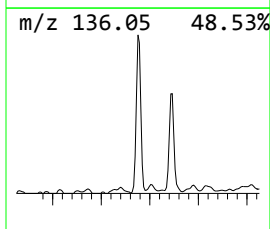
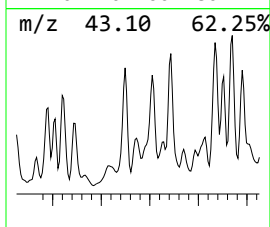
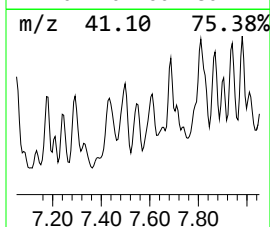
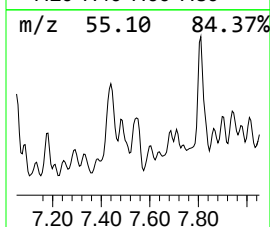
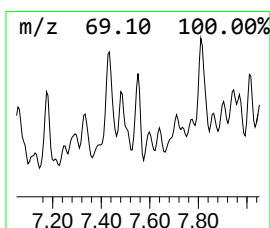
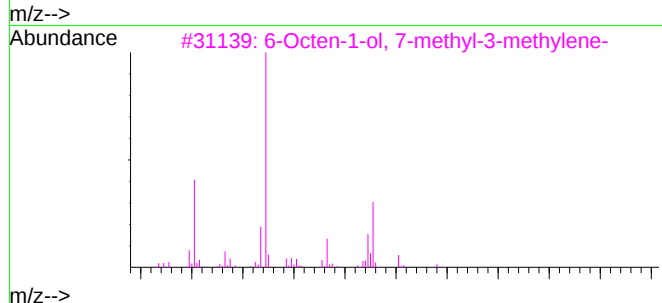
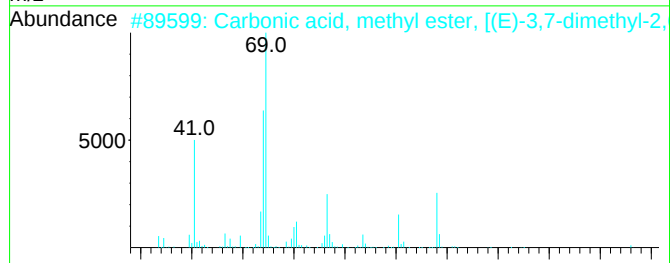
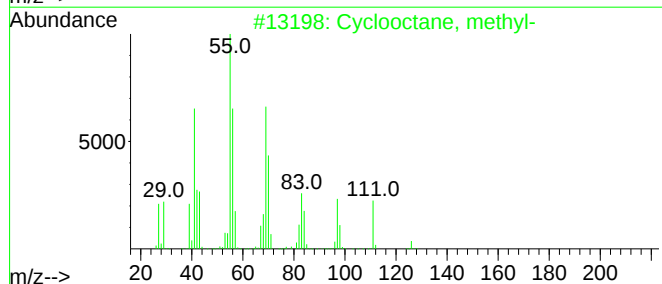
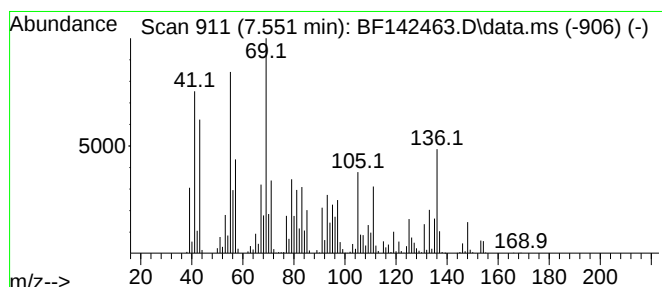
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown7.551 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.551	6.03 ng	734881	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	38
2	Carbonic acid, methyl ester, [(E...]	212	C12H20O3	085217-72-7	38
3	6-Octen-1-ol, 7-methyl-3-methylene-	154	C10H18O	013066-51-8	27
4	3-Hepten-2-one, 3-propyl-	154	C10H18O	032064-69-0	27
5	(E)-3,7-Dimethylocta-2,6-dienyl ...	226	C13H22O3	1000373-76-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

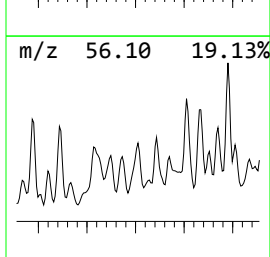
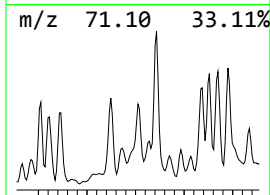
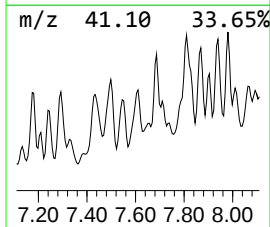
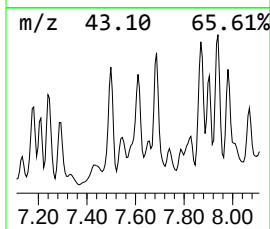
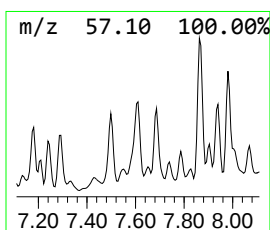
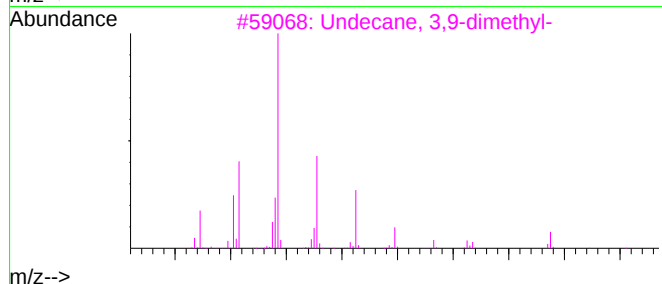
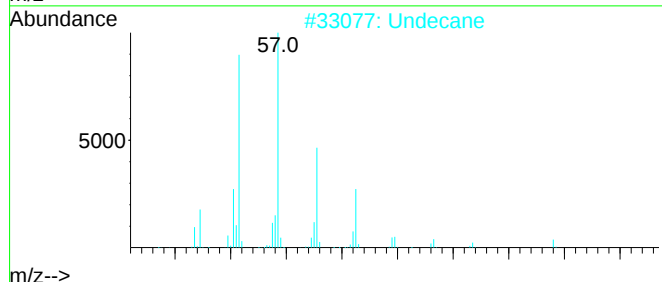
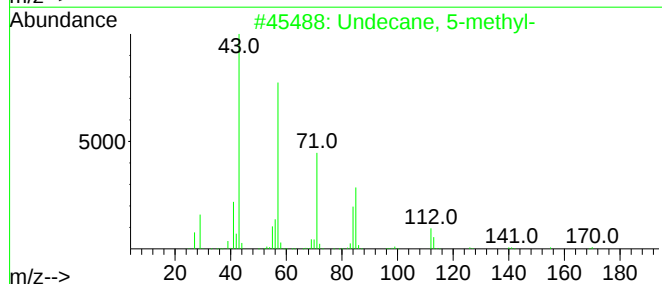
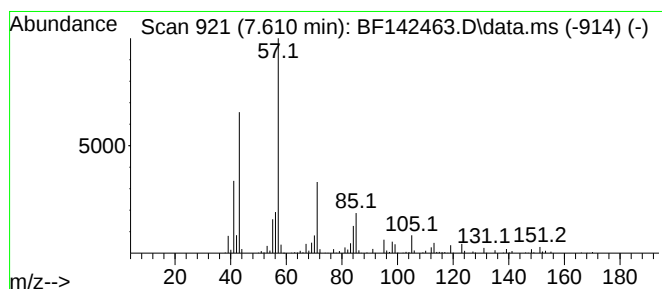
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane, 5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.610	7.03 ng	857175	Naphthalene-d8	8.186	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	70
2	Undecane	156	C11H24	001120-21-4	59
3	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	53
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

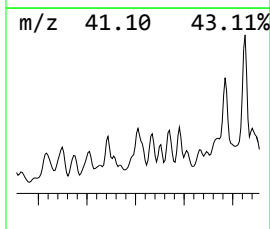
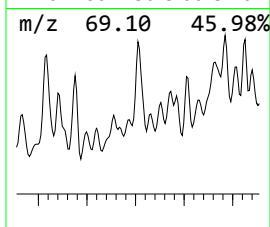
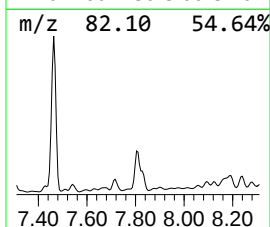
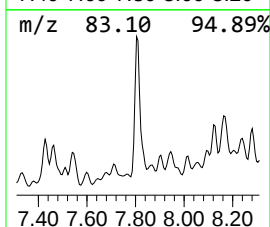
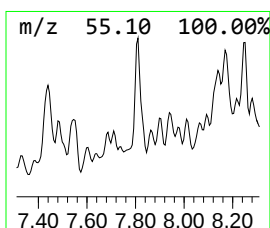
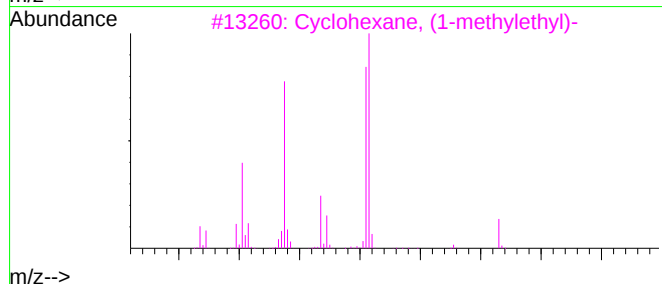
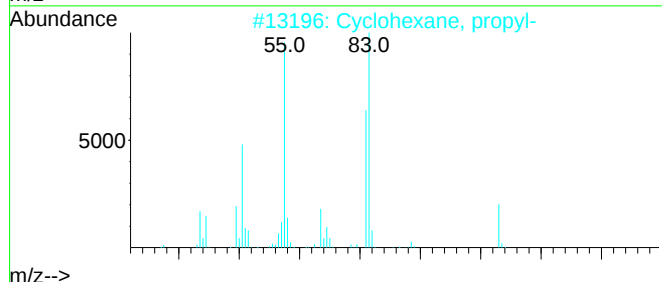
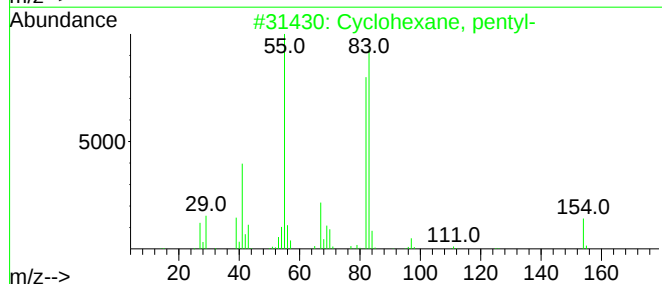
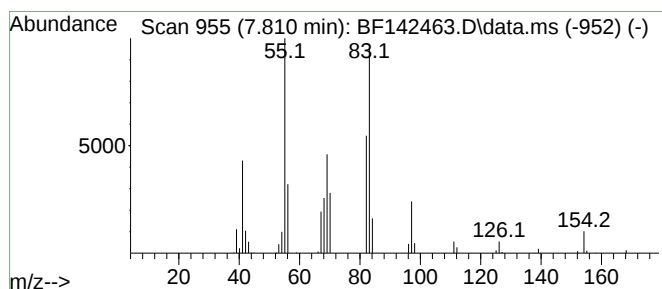
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclohexane, pentyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.810	6.48 ng	789099	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
5	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

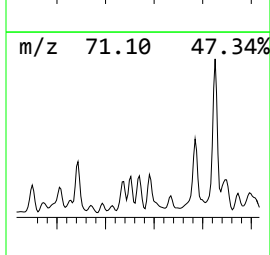
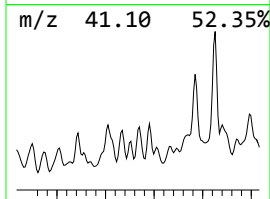
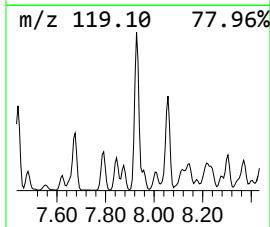
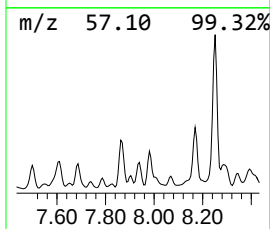
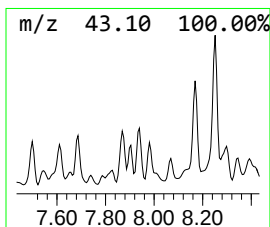
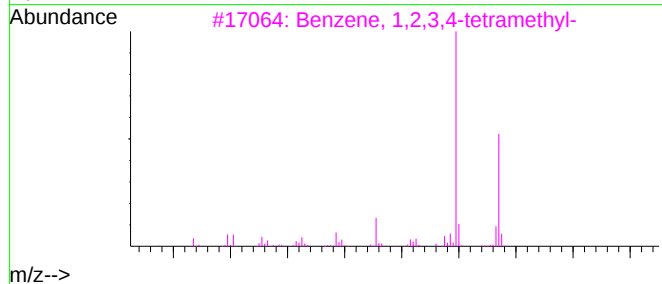
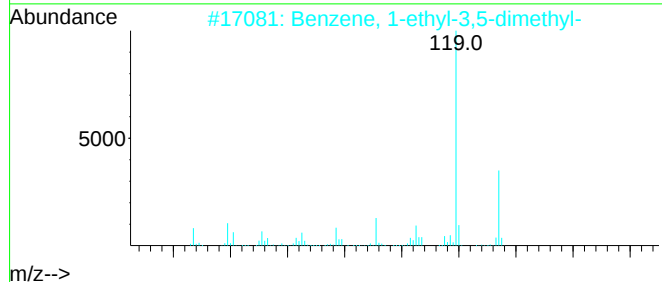
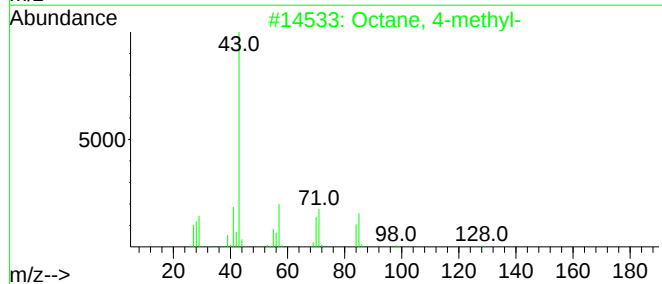
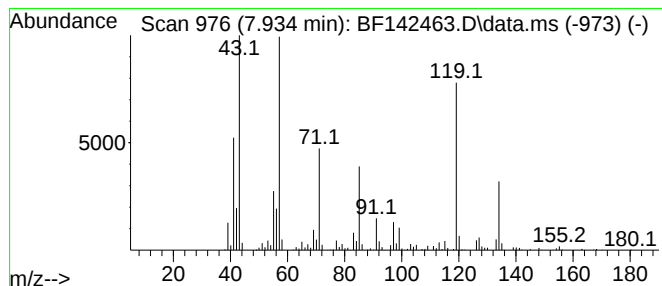
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown7.934 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.934	7.62 ng	928015	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	43
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	42
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42
4	p-Cymene	134	C10H14	000099-87-6	38
5	o-Cymene	134	C10H14	000527-84-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

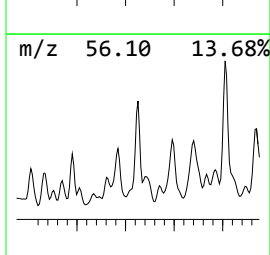
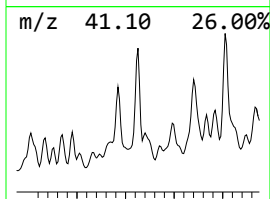
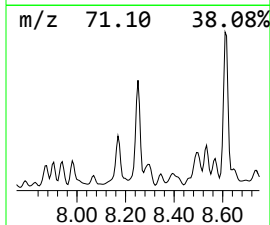
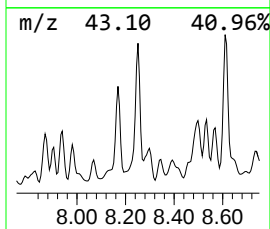
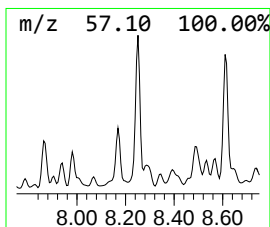
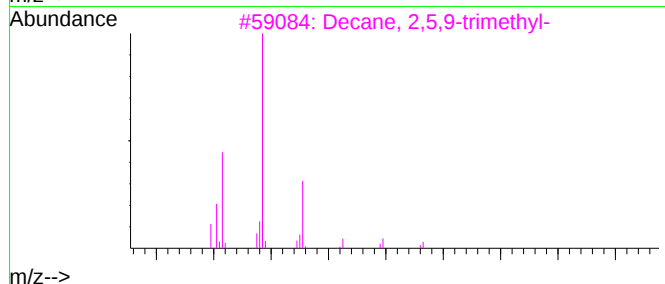
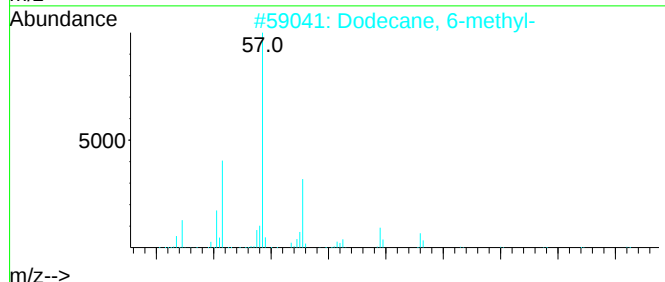
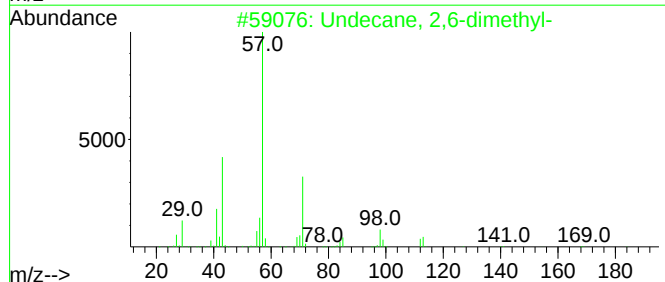
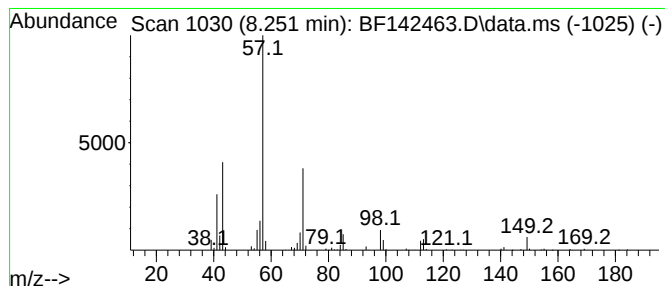
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 12 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.251	18.43 ng	2246360	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	87
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

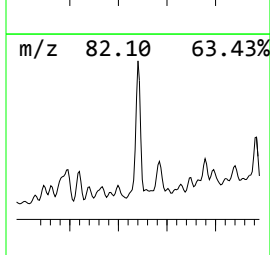
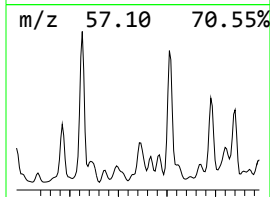
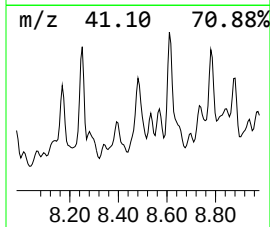
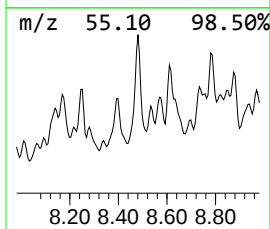
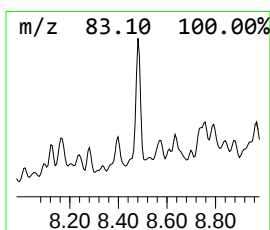
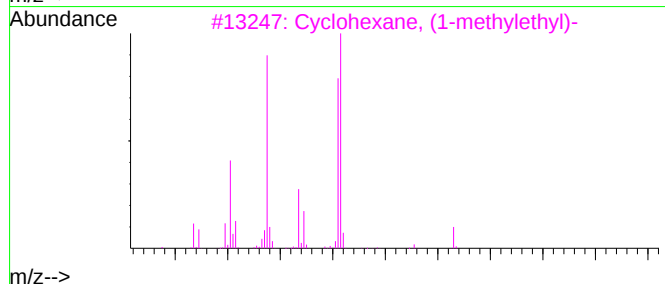
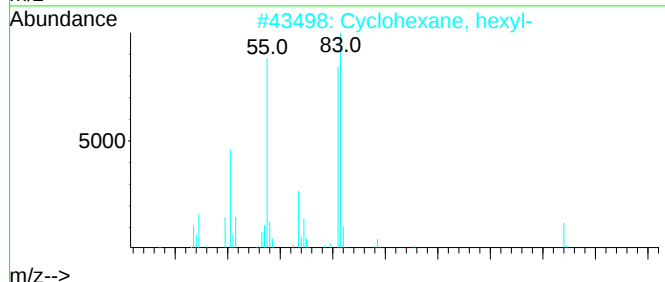
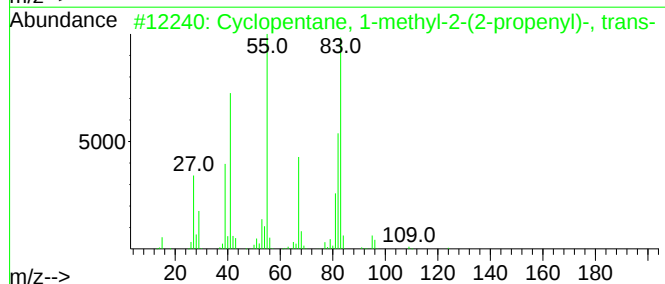
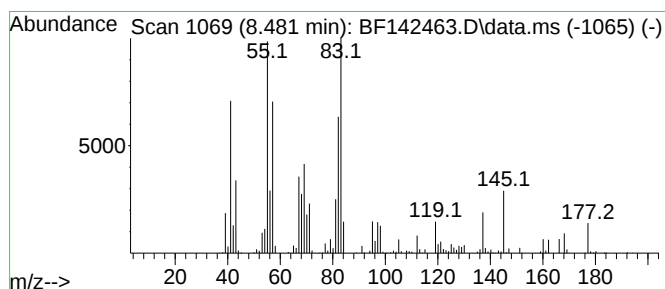
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 13 Cyclopentane, 1-methyl-2-(2... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.481	14.59 ng	1778370	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	53
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	52
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

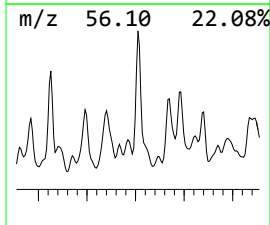
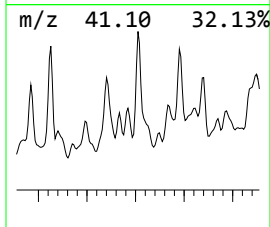
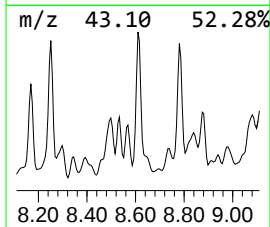
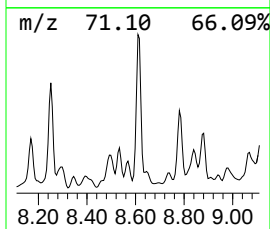
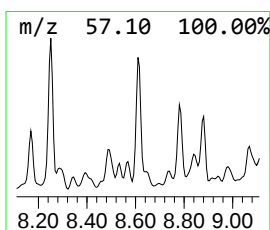
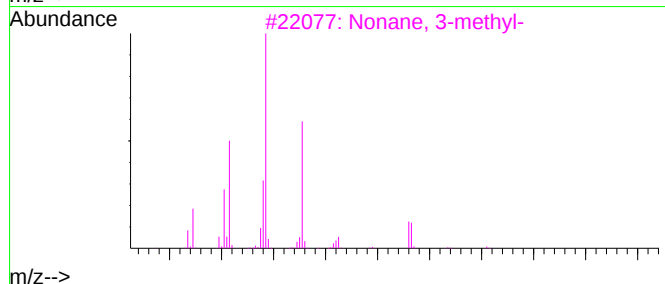
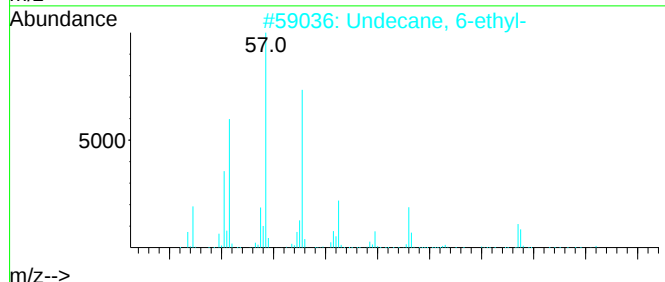
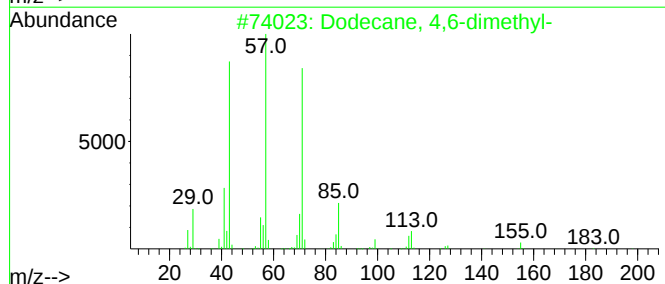
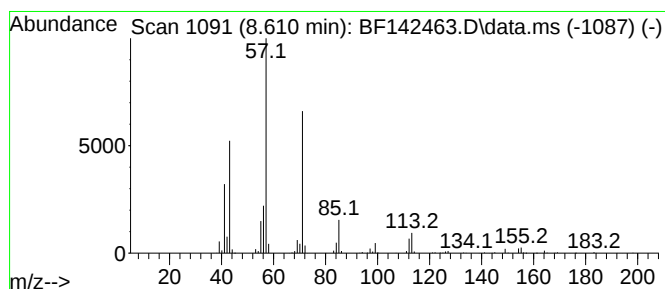
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 14 Dodecane, 4,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	23.29 ng	2838360	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	89
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	81
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

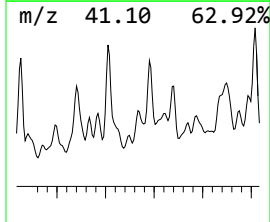
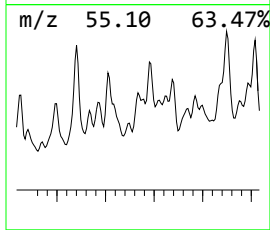
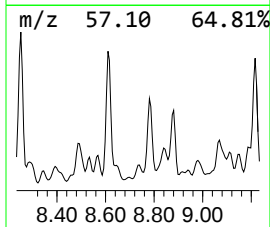
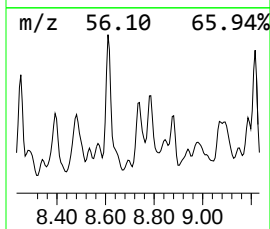
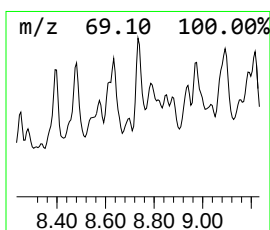
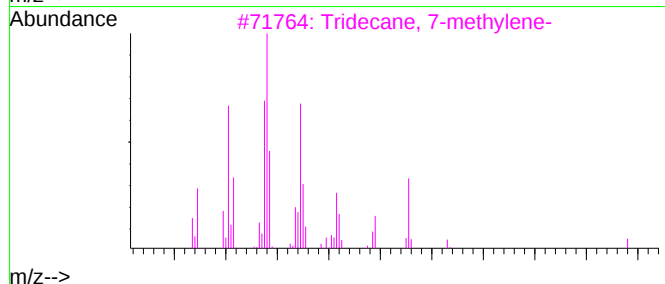
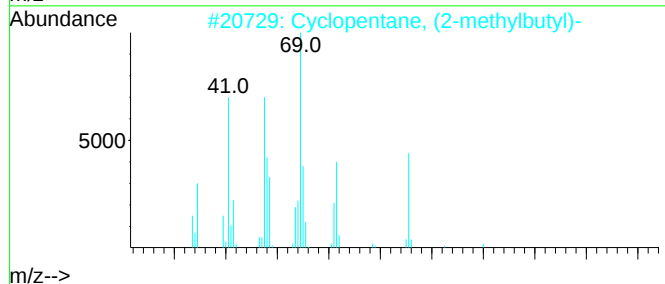
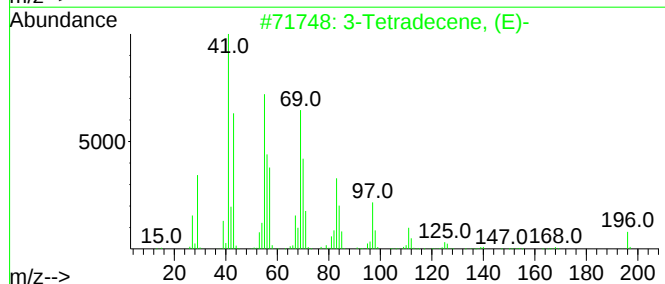
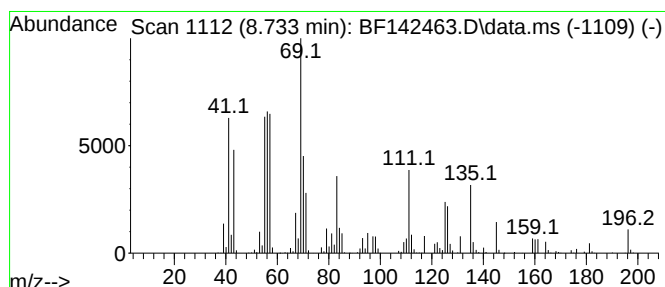
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 15 3-Tetradecene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.733	9.48 ng	1155210	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tetradecene, (E)-	196	C14H28	041446-68-8	60
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	60
3	Tridecane, 7-methylene-	196	C14H28	019780-80-4	49
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

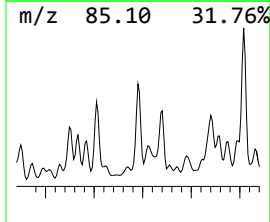
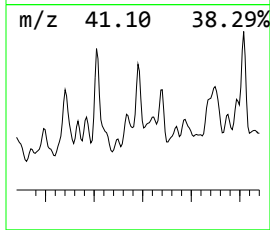
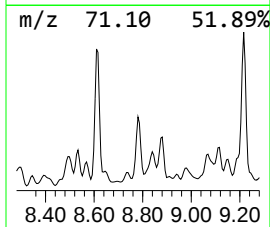
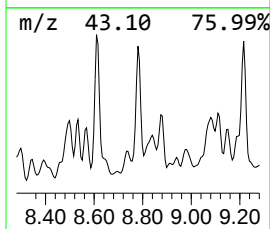
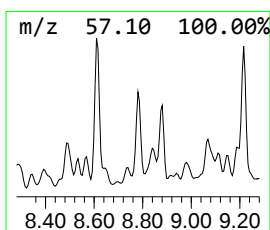
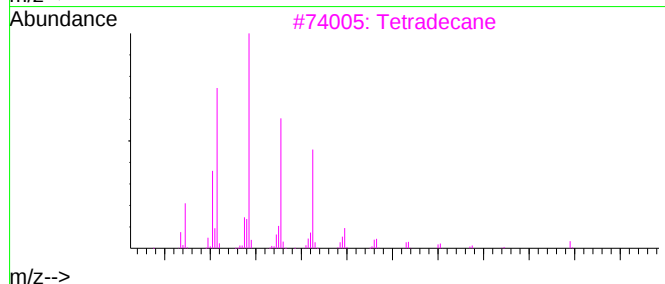
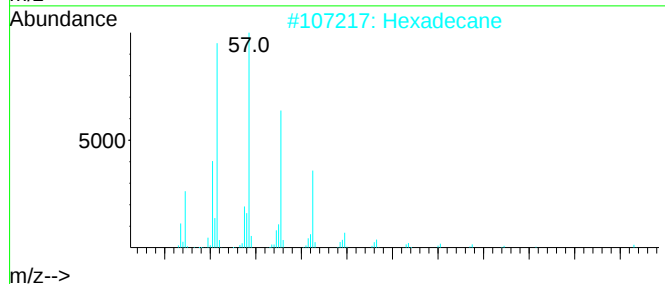
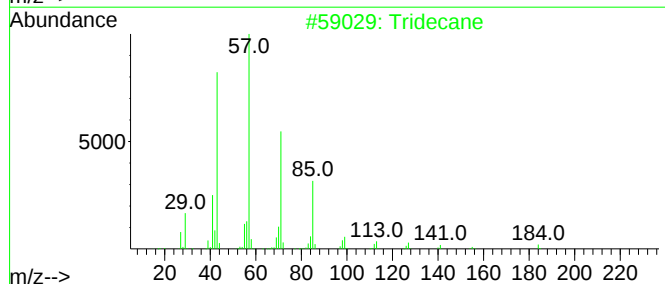
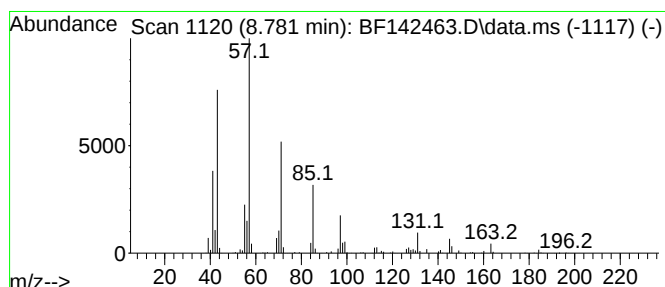
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 16 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.781	13.28 ng	1618530	Naphthalene-d8	8.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	62
3	Tetradecane	198	C14H30	000629-59-4	58
4	Pentadecane	212	C15H32	000629-62-9	58
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

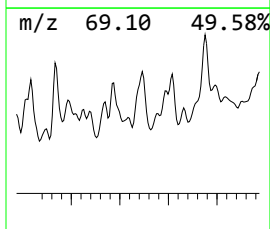
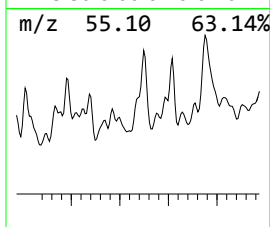
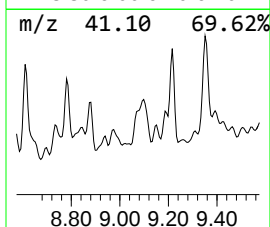
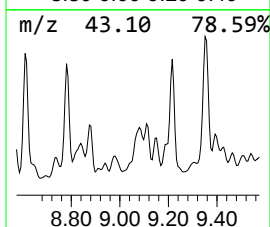
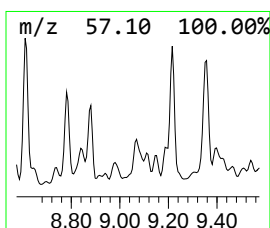
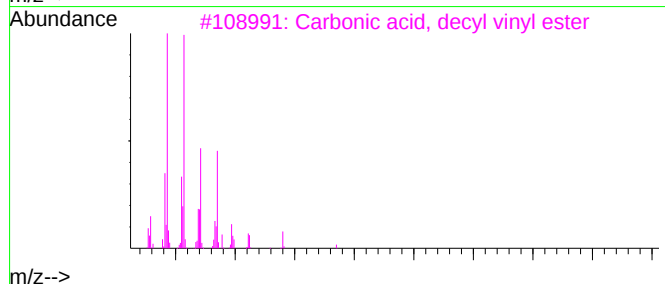
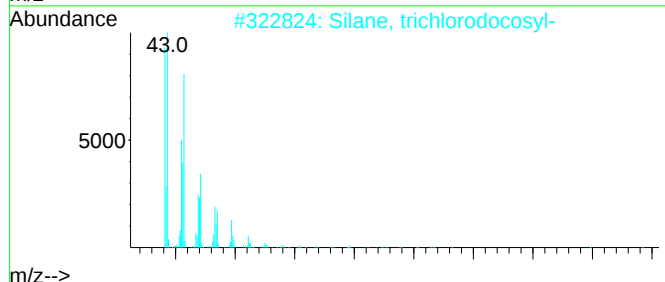
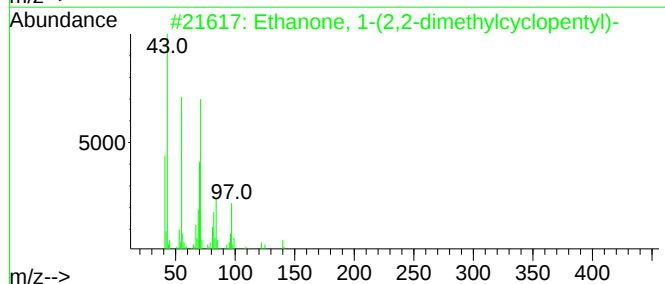
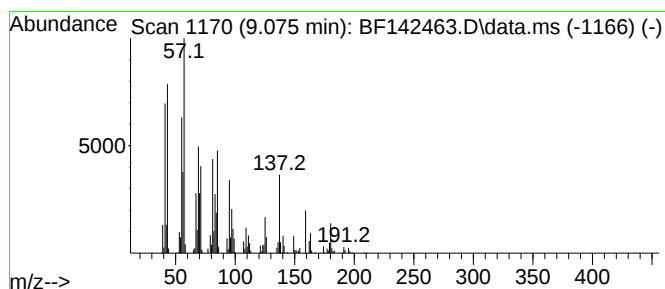
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown9.075 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.075	5.68 ng	997595	Acenaphthene-d10	9.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	35
2			Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	30
3			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	27
4			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	25
5			Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

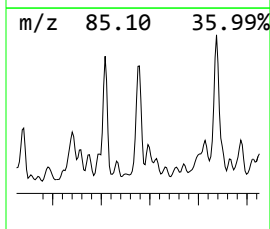
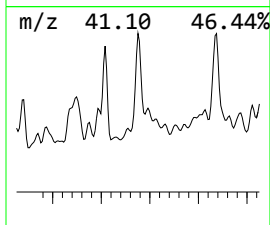
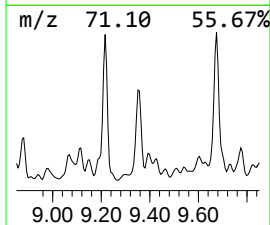
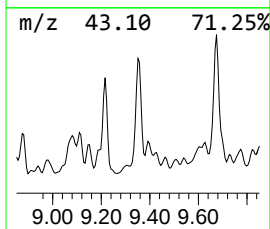
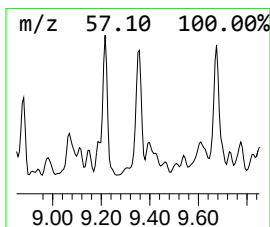
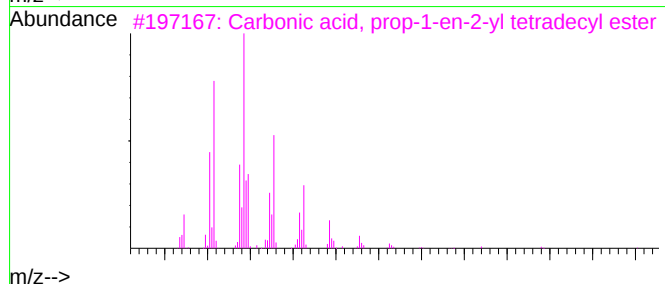
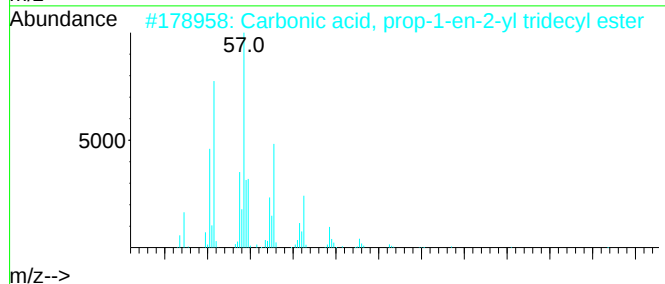
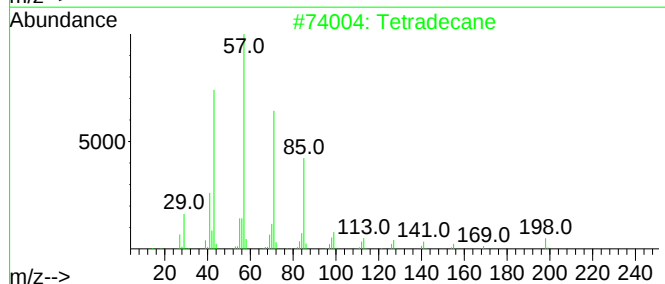
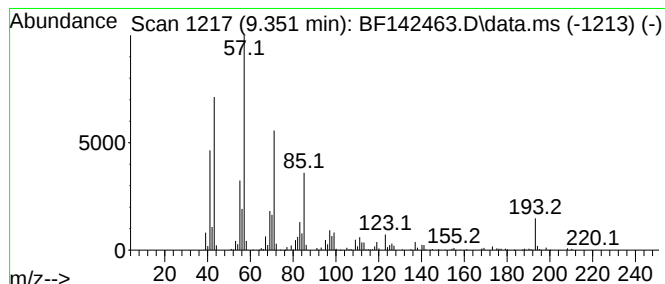
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 18 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	21.02 ng	3695210	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	74
3	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	74
4	Tridecane	184	C13H28	000629-50-5	68
5	Nonadecane	268	C19H40	000629-92-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

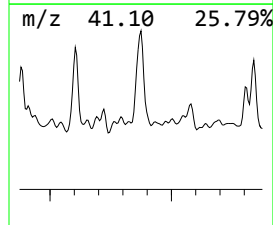
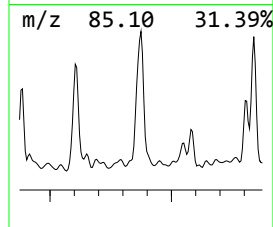
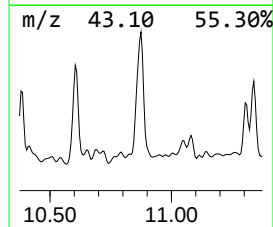
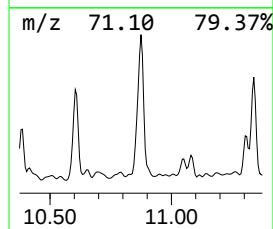
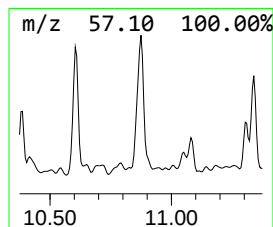
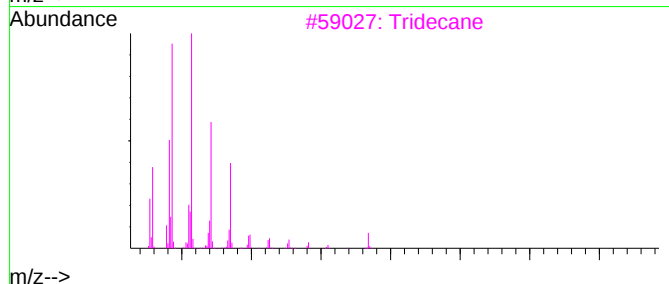
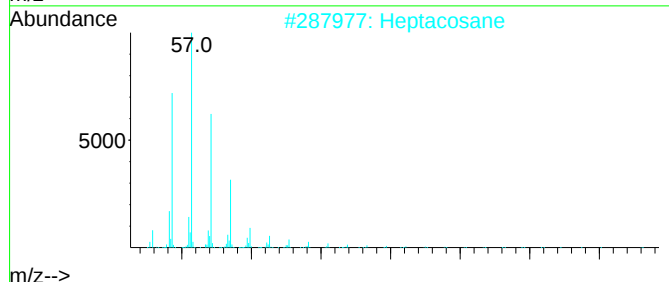
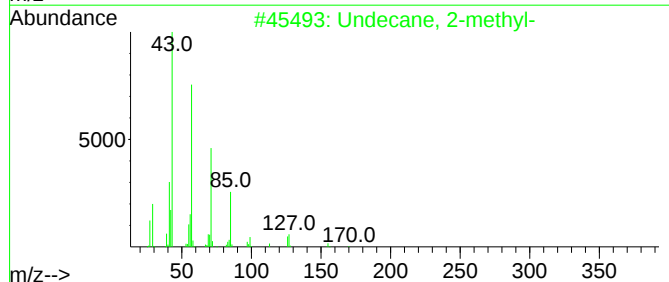
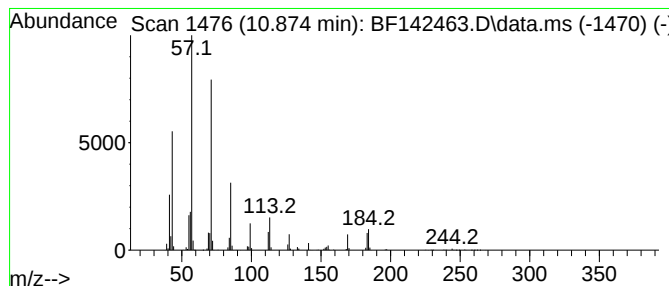
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 19 Undecane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.874	40.15 ng	6027560	Phenanthrene-d10		11.445	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-		170	C12H26	007045-71-8	72
2	Heptacosane		380	C27H56	000593-49-7	72
3	Tridecane		184	C13H28	000629-50-5	64
4	Tridecane, 7-methyl-		198	C14H30	026730-14-3	53
5	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

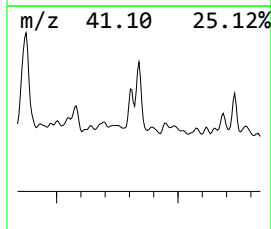
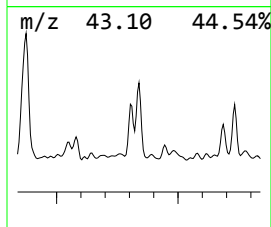
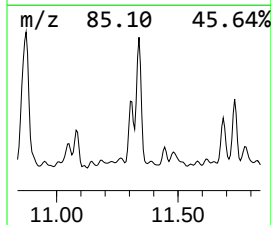
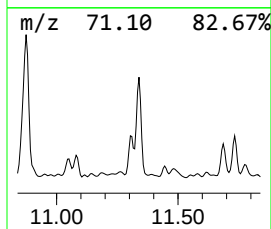
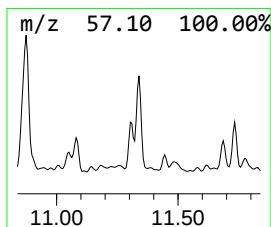
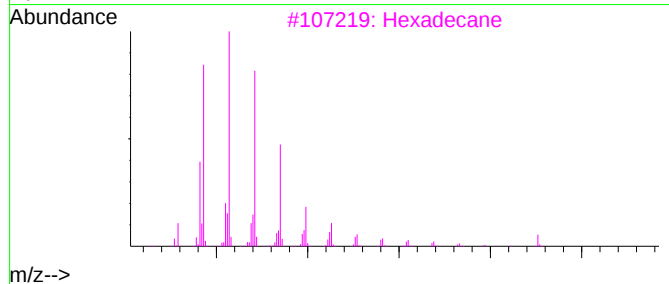
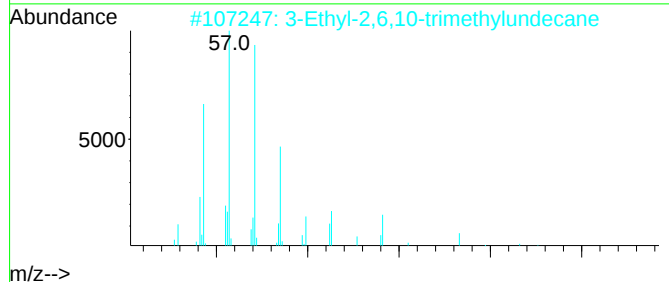
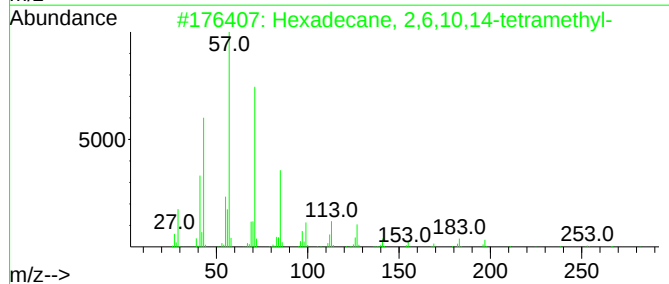
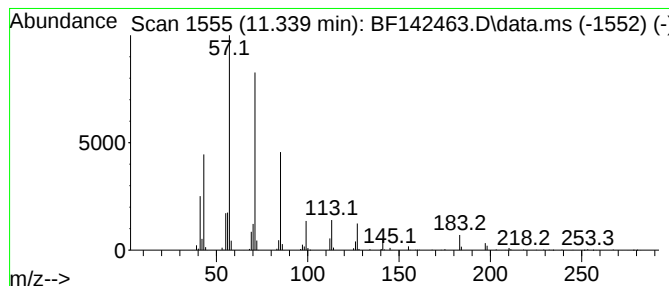
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.339	20.00 ng	3002360	Phenanthrene-d10	11.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142463.D
Acq On : 19 May 2025 20:52
Operator : RC/JU
Sample : Q2071-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L2-WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane, 2,6-dim...	6.157	11.6	ng	788669	1	6.904	1355280	20.0
Cyclohexane, 1,...	6.439	6.4	ng	431471	1	6.904	1355280	20.0
Cyclohexane, 1-...	6.645	5.9	ng	399911	1	6.904	1355280	20.0
Cyclohexane, (2...	7.051	8.6	ng	582998	1	6.904	1355280	20.0
Tetracontane, 3...	7.181	8.8	ng	596243	1	6.904	1355280	20.0
Decane, 2,9-dim...	7.245	6.0	ng	404485	1	6.904	1355280	20.0
Decane, 3-methyl-	7.292	10.2	ng	691304	1	6.904	1355280	20.0
unknown7.551	7.551	6.0	ng	734881	2	8.186	2437320	20.0
Undecane, 5-met...	7.610	7.0	ng	857175	2	8.186	2437320	20.0
Cyclohexane, pe...	7.810	6.5	ng	789099	2	8.186	2437320	20.0
unknown7.934	7.934	7.6	ng	928015	2	8.186	2437320	20.0
Undecane, 2,6-d...	8.251	18.4	ng	2246360	2	8.186	2437320	20.0
Cyclopentane, 1...	8.481	14.6	ng	1778370	2	8.186	2437320	20.0
Dodecane, 4,6-d...	8.610	23.3	ng	2838360	2	8.186	2437320	20.0
3-Tetradecene, ...	8.733	9.5	ng	1155210	2	8.186	2437320	20.0
Tridecane	8.781	13.3	ng	1618530	2	8.186	2437320	20.0
unknown9.075	9.075	5.7	ng	997595	3	9.951	3515600	20.0
Tetradecane	9.351	21.0	ng	3695210	3	9.951	3515600	20.0
Undecane, 2-met...	10.874	40.1	ng	6027560	4	11.445	3002360	20.0
Hexadecane, 2,6...	11.339	20.0	ng	3002360	4	11.445	3002360	20.0