

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142764.D
 Acq On : 12 Jun 2025 18:27
 Operator : RC/JU
 Sample : Q2224-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-06042025

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142764.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	488	493	500	rVB	13635	18646	2.96%	0.232%
2	5.504	553	563	574	rBV	134318	185271	29.44%	2.304%
3	5.798	608	613	621	rVB	4845	6346	1.01%	0.079%
4	5.916	627	633	637	rBV3	4748	8096	1.29%	0.101%
5	5.957	637	640	648	rVV3	3196	6728	1.07%	0.084%
6	6.045	648	655	659	rVB3	5114	10201	1.62%	0.127%
7	6.140	666	671	677	rBV2	17637	31502	5.01%	0.392%
8	6.192	677	680	683	rVB	6864	8109	1.29%	0.101%
9	6.328	698	703	706	rBV2	13270	20026	3.18%	0.249%
10	6.387	706	713	716	rBV2	10439	16457	2.62%	0.205%
11	6.422	716	719	725	rVV5	16638	28447	4.52%	0.354%
12	6.516	730	735	741	rVV	110490	169922	27.00%	2.113%
13	6.569	741	744	750	rVV4	10084	19084	3.03%	0.237%
14	6.634	750	755	759	rVV4	19315	39718	6.31%	0.494%
15	6.669	759	761	766	rVB3	11533	17471	2.78%	0.217%
16	6.722	766	770	777	rBV3	34909	56858	9.04%	0.707%
17	6.816	782	786	789	rBV4	6004	10840	1.72%	0.135%
18	6.892	794	799	805	rVV2	225027	301300	47.88%	3.747%
19	6.945	805	808	812	rVB3	29268	34299	5.45%	0.426%
20	7.004	812	818	820	rBV4	17515	27801	4.42%	0.346%
21	7.034	820	823	827	rVB	40011	48547	7.71%	0.604%
22	7.116	834	837	839	rBV	14135	16558	2.63%	0.206%
23	7.163	839	845	848	rVV2	52251	73804	11.73%	0.918%
24	7.204	848	852	860	rVB3	38623	85021	13.51%	1.057%
25	7.281	860	865	869	rBV3	54474	88749	14.10%	1.104%
26	7.375	876	881	884	rBV5	11374	23716	3.77%	0.295%
27	7.422	884	889	891	rVV3	66938	96633	15.36%	1.202%
28	7.451	891	894	897	rVV	72132	111737	17.76%	1.389%
29	7.481	897	899	903	rVB	67512	84499	13.43%	1.051%
30	7.534	903	908	912	rVB4	61038	92443	14.69%	1.150%
31	7.581	912	916	917	rBV2	29906	40793	6.48%	0.507%
32	7.669	927	931	932	rBV2	30583	37247	5.92%	0.463%
33	7.692	932	935	944	rVB3	66762	117315	18.64%	1.459%
34	7.792	944	952	954	rBV5	44638	107634	17.10%	1.338%
35	7.822	954	957	961	rVB3	41559	51502	8.18%	0.640%
36	7.892	965	969	970	rBV3	28699	36354	5.78%	0.452%

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Integrator: RTE

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

37	7.916	970	973	976	rBV3	39919	45454	7.22%	0.565%
38	7.992	982	986	992	rVB5	44148	81134	12.89%	1.009%
39	8.045	992	995	998	rVV2	36654	41447	6.59%	0.515%
40	8.075	998	1000	1003	rVV2	12786	13176	2.09%	0.164%

41	8.128	1003	1009	1010	rVV4	37350	65232	10.37%	0.811%
42	8.175	1010	1017	1023	rVV2	249714	545966	86.76%	6.789%
43	8.228	1023	1026	1029	rVV2	95838	130364	20.72%	1.621%
44	8.263	1029	1032	1039	rVB5	48096	74019	11.76%	0.920%
45	8.375	1048	1051	1055	rVB2	54920	67728	10.76%	0.842%

46	8.463	1062	1066	1071	rVB5	63058	90452	14.37%	1.125%
47	8.557	1078	1082	1085	rBV3	31924	41265	6.56%	0.513%
48	8.592	1085	1088	1091	rBV	75014	96664	15.36%	1.202%
49	8.681	1099	1103	1106	rBV	70416	87302	13.87%	1.086%
50	8.716	1106	1109	1113	rVB3	25057	33426	5.31%	0.416%

51	8.763	1113	1117	1121	rBV	96789	120711	19.18%	1.501%
52	8.922	1142	1144	1146	rBV2	14012	13759	2.19%	0.171%
53	8.998	1154	1157	1160	rBV	46857	47366	7.53%	0.589%
54	9.122	1175	1178	1183	rVV4	30417	51836	8.24%	0.645%
55	9.192	1187	1190	1196	rVV4	93148	128103	20.36%	1.593%

56	9.245	1196	1199	1204	rVB	140200	175981	27.97%	2.188%
57	9.328	1209	1213	1217	rBV	117176	157132	24.97%	1.954%
58	9.398	1223	1225	1230	rVB2	42572	46665	7.42%	0.580%
59	9.586	1251	1257	1259	rBV6	23520	50804	8.07%	0.632%
60	9.645	1263	1267	1270	rBV3	68384	89801	14.27%	1.117%

61	9.710	1275	1278	1282	rVB3	24240	28200	4.48%	0.351%
62	9.798	1290	1293	1296	rBV4	17587	19495	3.10%	0.242%
63	9.857	1299	1303	1307	rVB	73435	94145	14.96%	1.171%
64	9.933	1311	1316	1320	rVB	214842	277156	44.04%	3.446%
65	10.092	1339	1343	1345	rBV6	15122	25531	4.06%	0.317%

66	10.180	1354	1358	1362	rBV4	24719	34166	5.43%	0.425%
67	10.251	1366	1370	1376	rBV6	17928	40123	6.38%	0.499%
68	10.357	1383	1388	1392	rBV	59048	77714	12.35%	0.966%
69	10.475	1404	1408	1419	rBV7	13754	39592	6.29%	0.492%
70	10.575	1421	1425	1431	rVB	35828	59424	9.44%	0.739%

71	10.639	1432	1436	1443	rVB3	16274	29109	4.63%	0.362%
72	10.722	1445	1450	1455	rVB	85767	110927	17.63%	1.379%
73	10.833	1465	1469	1478	rVB	61970	116123	18.45%	1.444%
74	11.022	1498	1501	1504	rBV4	8566	13634	2.17%	0.170%
75	11.280	1541	1545	1547	rBV	25908	34115	5.42%	0.424%

76	11.310	1547	1550	1557	rVB2	27004	40185	6.39%	0.500%
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 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 EO-01-06042025

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

77	11.422	1564	1569	1577	rBV2	267794	410564	65.25%	5.105%
78	11.492	1578	1581	1585	rVB	15727	20401	3.24%	0.254%
79	11.657	1606	1609	1614	rVB4	9455	13355	2.12%	0.166%
80	11.704	1614	1617	1621	rVV2	18387	22972	3.65%	0.286%
81	11.751	1623	1625	1632	rVB5	6438	10808	1.72%	0.134%
82	11.945	1651	1658	1664	rBV2	24477	53155	8.45%	0.661%
83	12.033	1669	1673	1682	rVB2	27998	50781	8.07%	0.631%
84	12.116	1683	1687	1691	rBV	16550	21229	3.37%	0.264%
85	12.221	1702	1705	1708	rBV	6606	8794	1.40%	0.109%
86	12.474	1744	1748	1750	rBV	18605	26759	4.25%	0.333%
87	12.504	1750	1753	1759	rVB2	24758	35662	5.67%	0.443%
88	12.557	1760	1762	1766	rBV3	7059	9688	1.54%	0.120%
89	12.633	1771	1775	1780	rBV	172696	222986	35.44%	2.773%
90	12.868	1808	1815	1820	rBV	161204	267047	42.44%	3.321%
91	13.004	1833	1838	1846	rVB	240740	326481	51.88%	4.060%
92	13.086	1848	1852	1858	rVV4	17124	34340	5.46%	0.427%
93	14.063	2013	2018	2031	rBV2	338356	629265	100.00%	7.825%
94	15.121	2195	2198	2206	rVB	66473	135002	21.45%	1.679%
95	15.562	2269	2273	2284	rVB	152735	277583	44.11%	3.452%

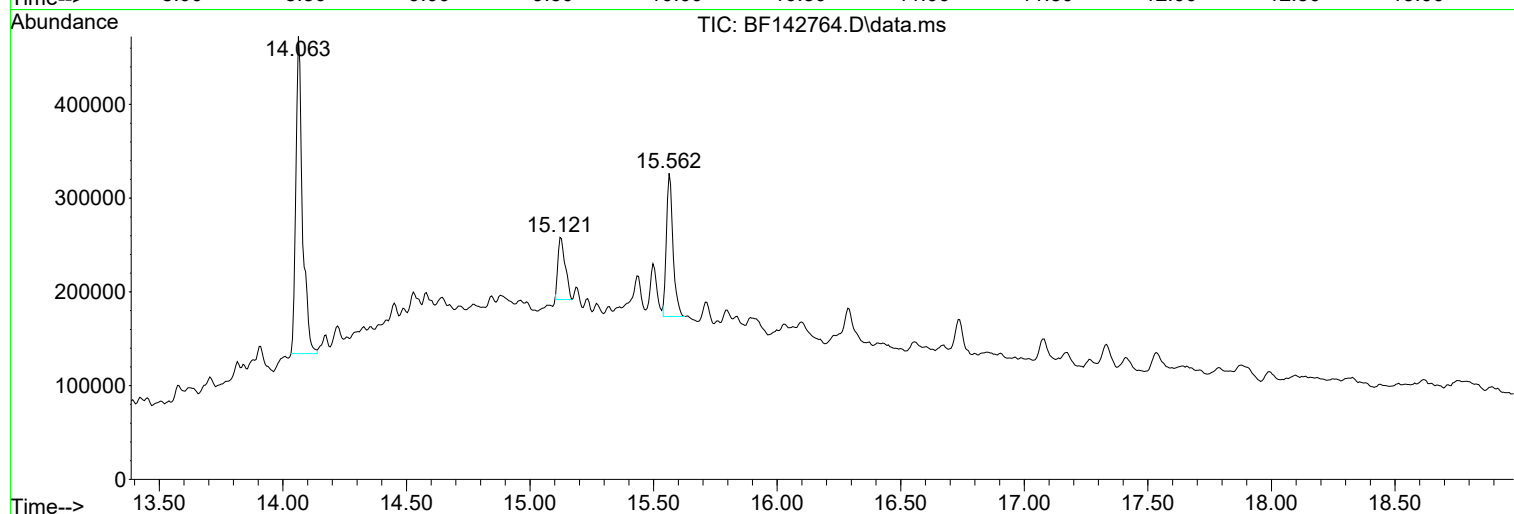
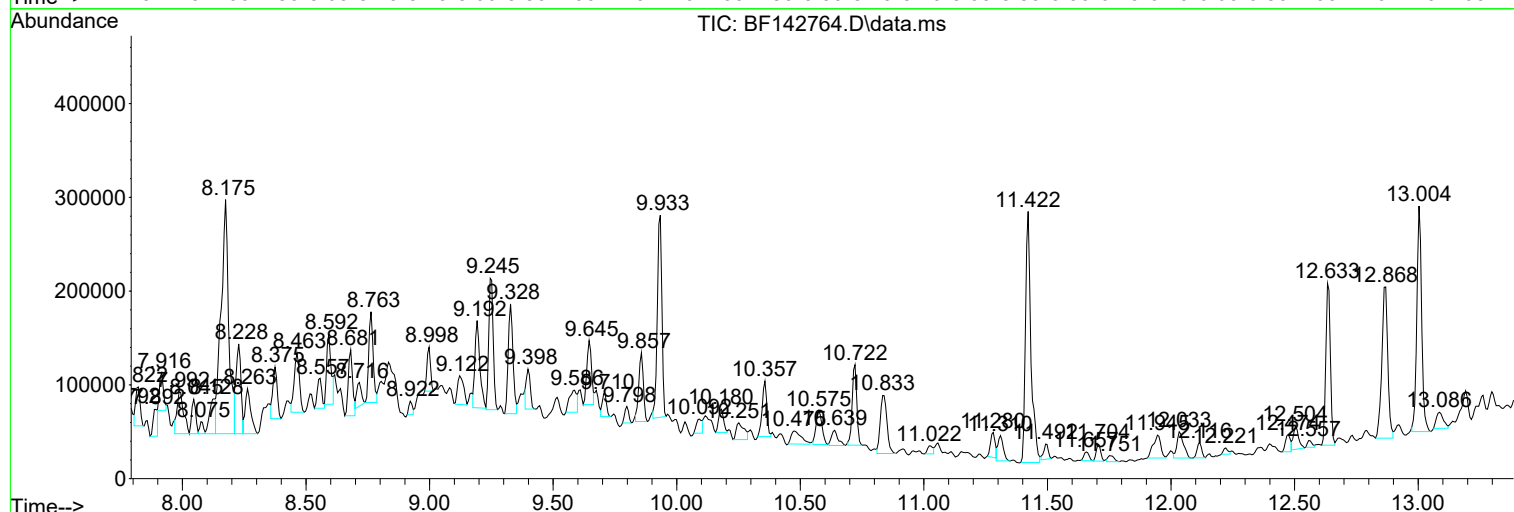
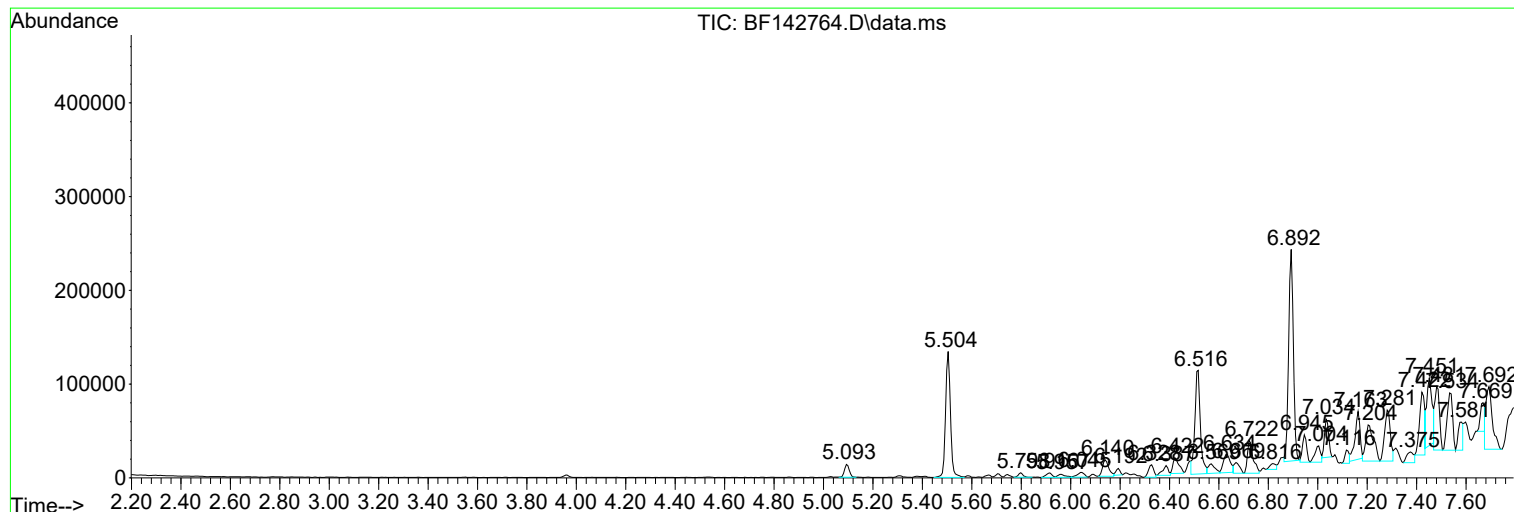
Sum of corrected areas: 8041972

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

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

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



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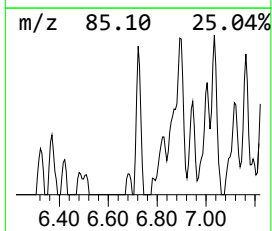
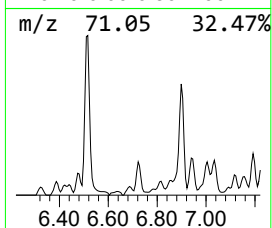
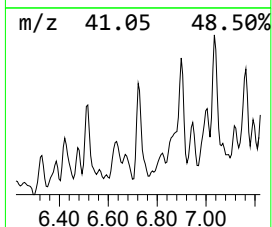
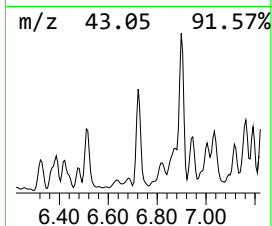
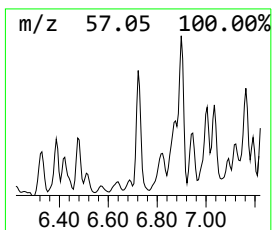
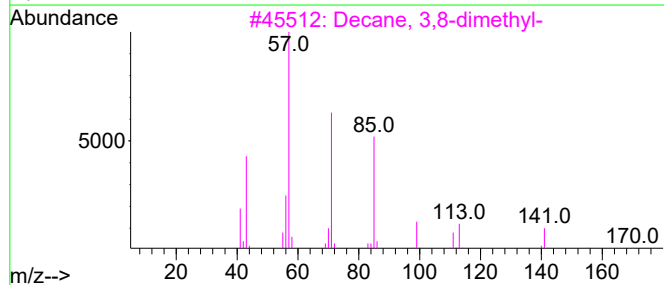
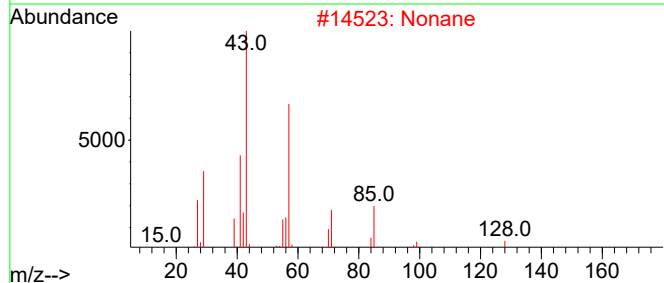
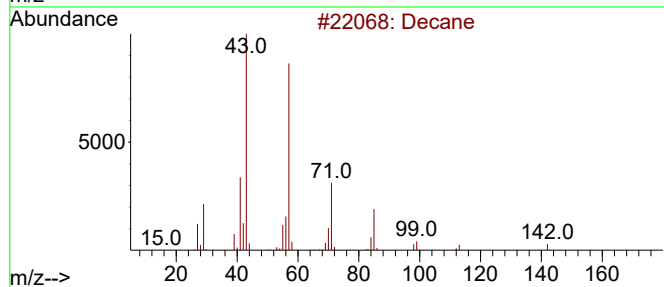
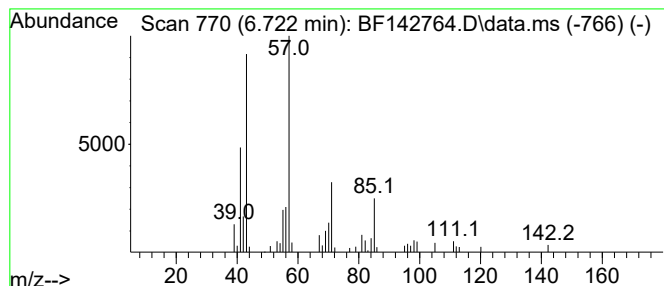
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	3.77 ng	56858	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	87
2			Nonane	128	C9H20	000111-84-2	72
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4			Octane	114	C8H18	000111-65-9	50
5			Tetradecane	198	C14H30	000629-59-4	50



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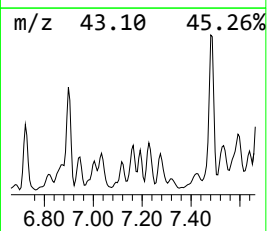
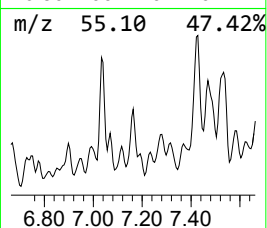
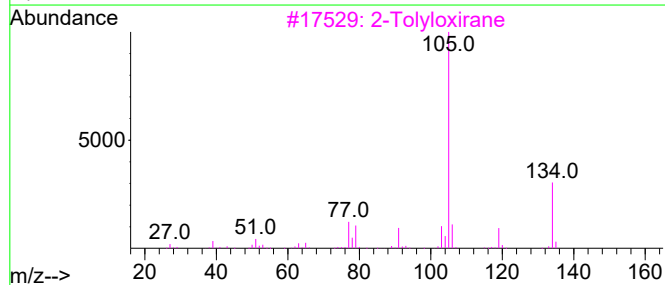
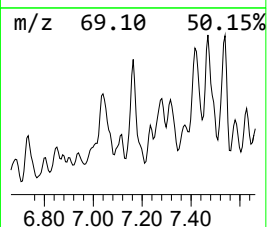
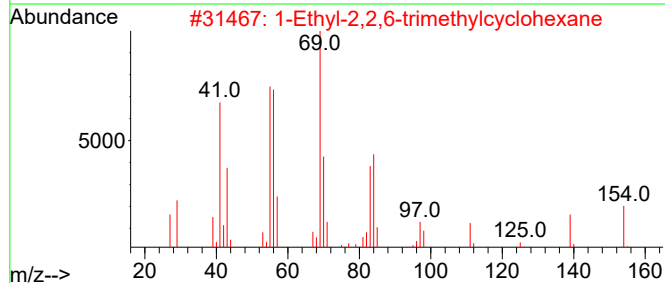
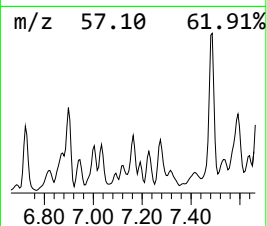
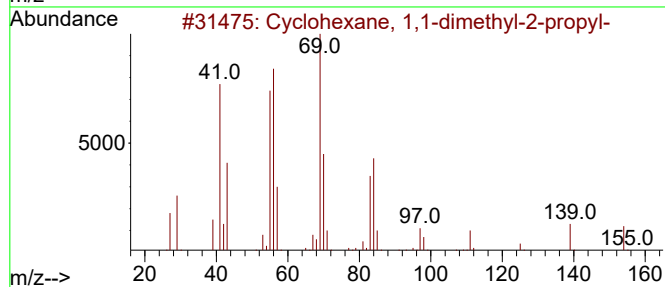
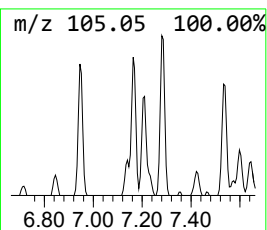
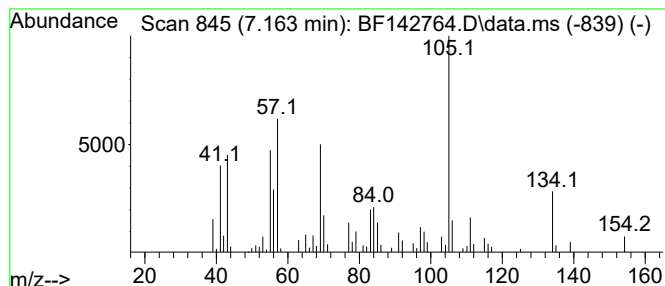
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.163 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.163	4.90 ng	73804	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	41
2			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	38
3			2-Tolyloxirane	134	C9H10O	002783-26-8	35
4			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	35
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35



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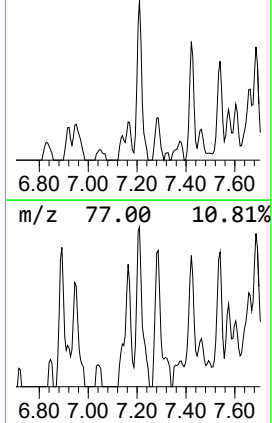
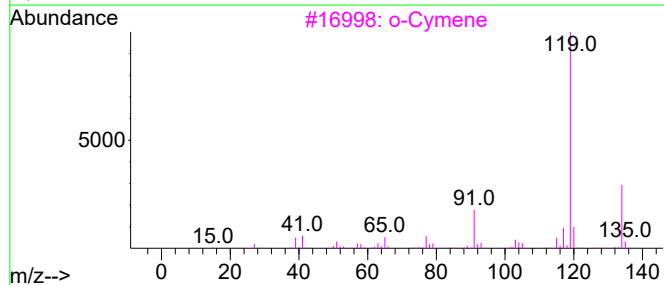
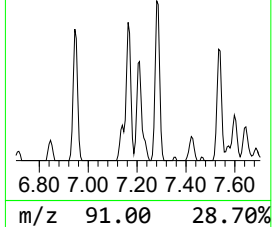
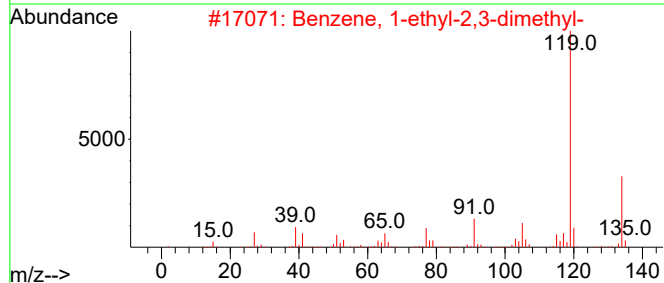
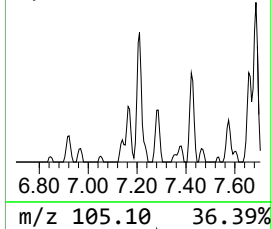
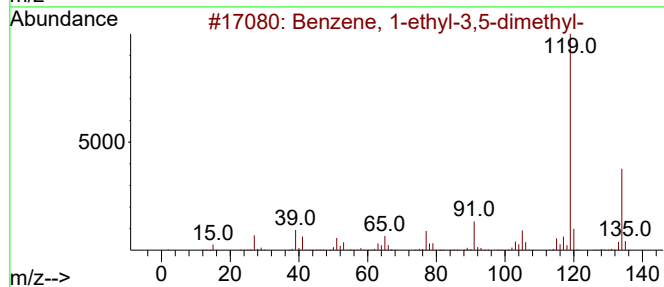
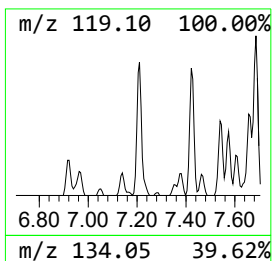
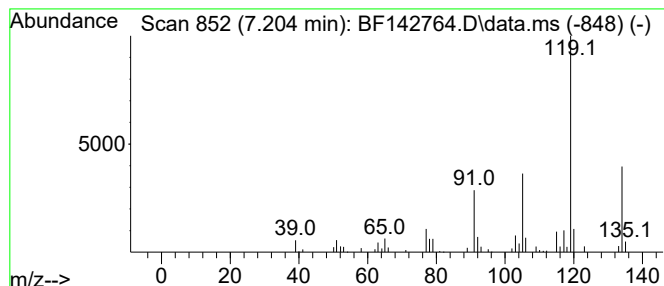
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	5.64 ng	85021	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3			o-Cymene	134	C10H14	000527-84-4	93
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
Acq On : 12 Jun 2025 18:27
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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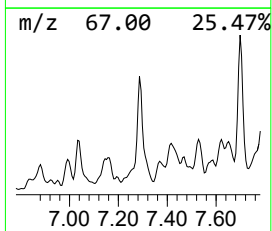
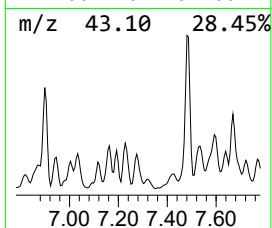
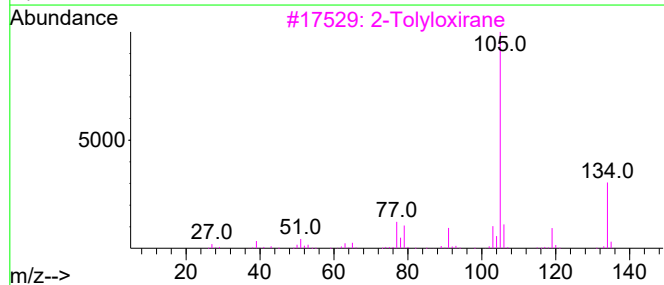
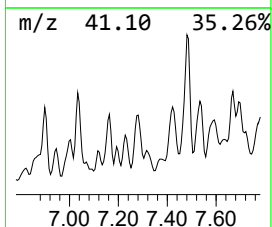
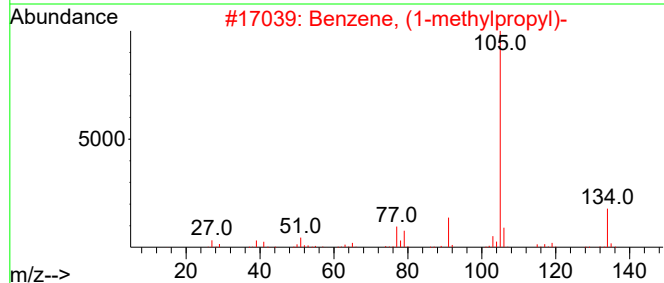
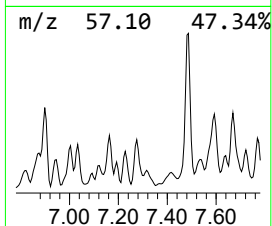
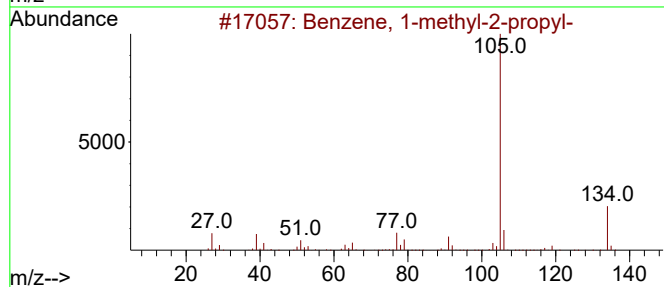
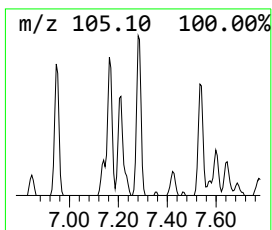
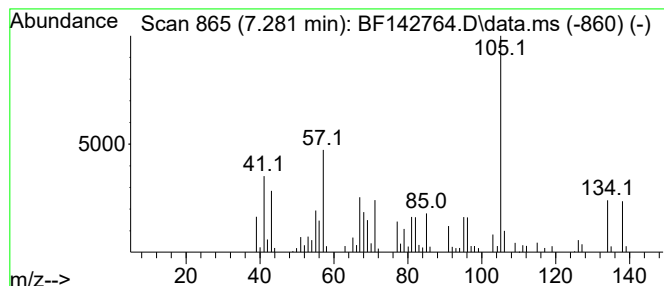
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.281 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.281	5.89 ng	88749	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
3			2-Tolyloxirane	134	C9H10O	002783-26-8	38
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
Acq On : 12 Jun 2025 18:27
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

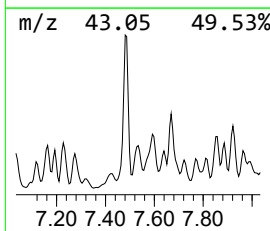
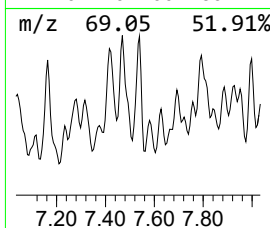
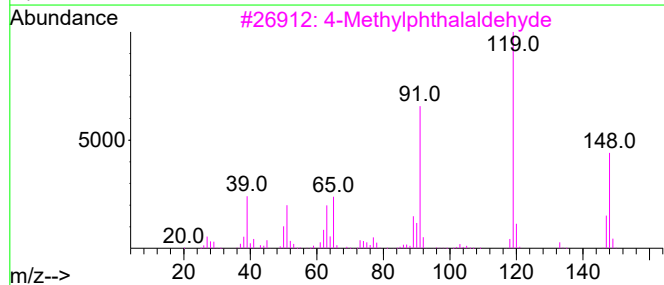
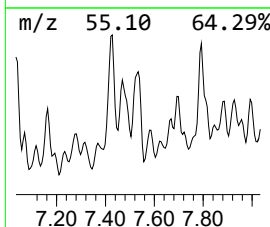
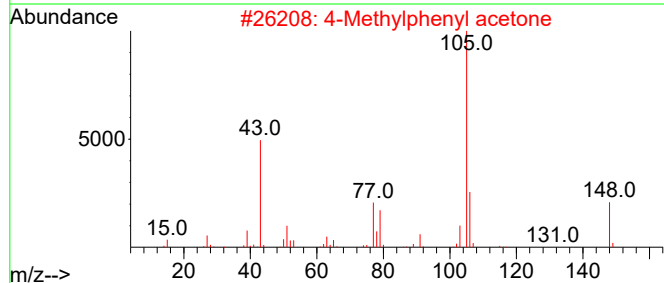
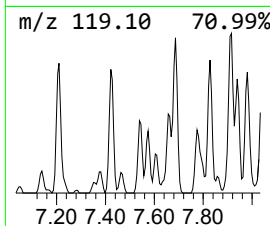
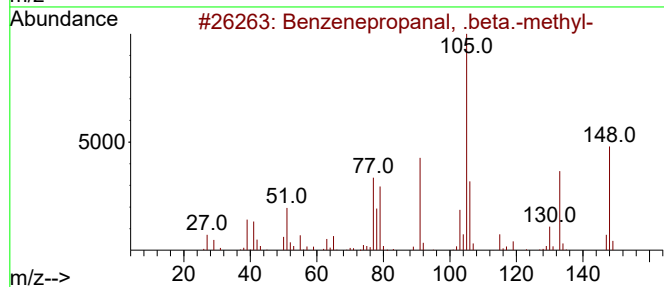
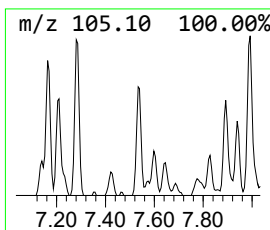
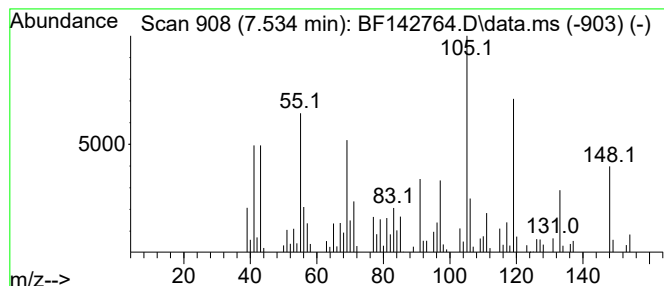
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzenepropanal, .beta.-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.534	6.14 ng	92443	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	50
2			4-Methylphenyl acetone	148	C10H12O	002096-86-8	41
3			4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	38
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	30
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
Acq On : 12 Jun 2025 18:27
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-06042025

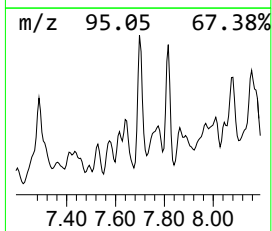
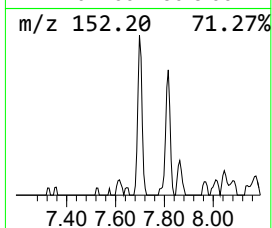
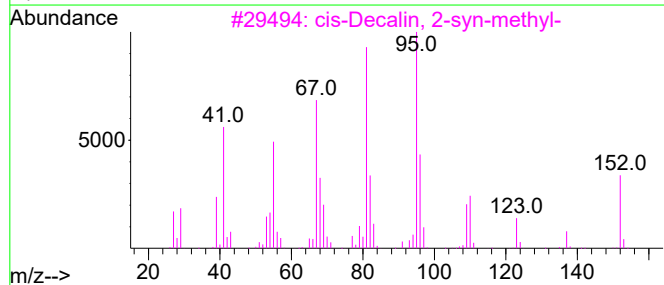
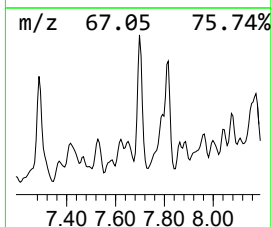
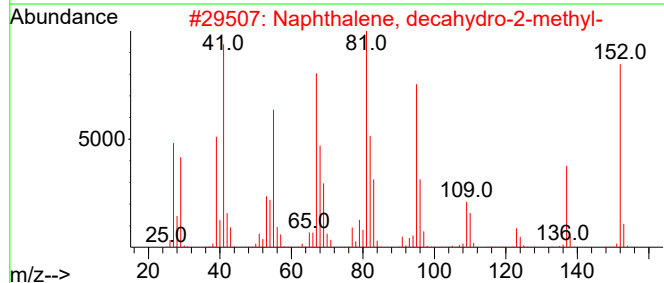
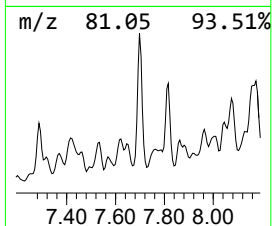
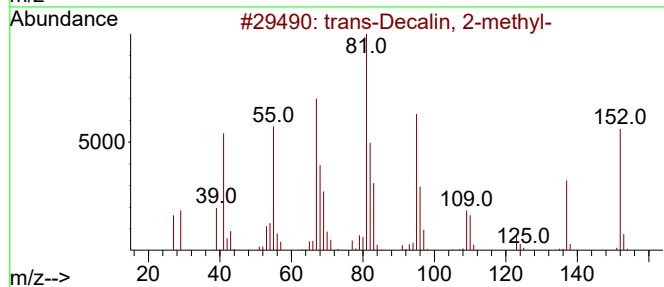
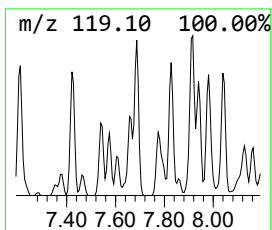
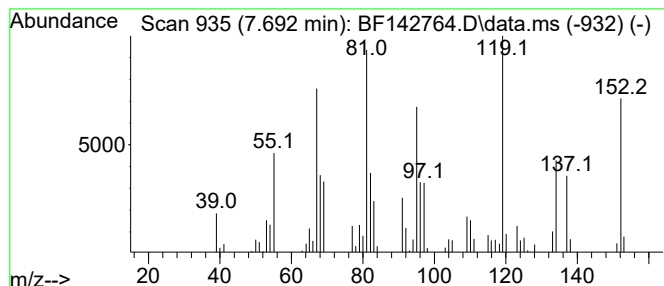
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.692	4.30 ng	117315	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	90
4			9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	83
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
Acq On : 12 Jun 2025 18:27
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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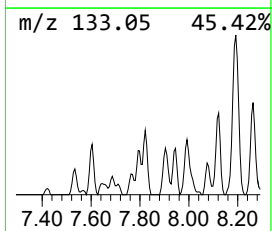
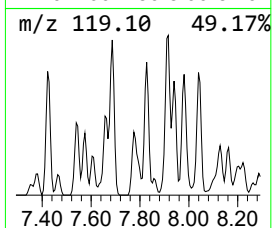
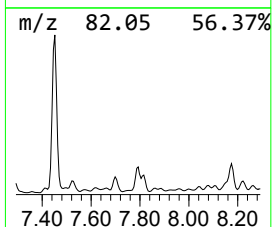
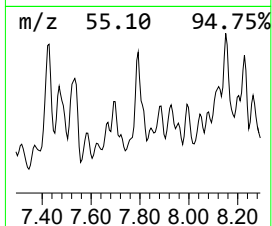
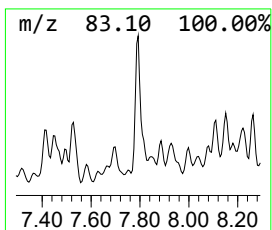
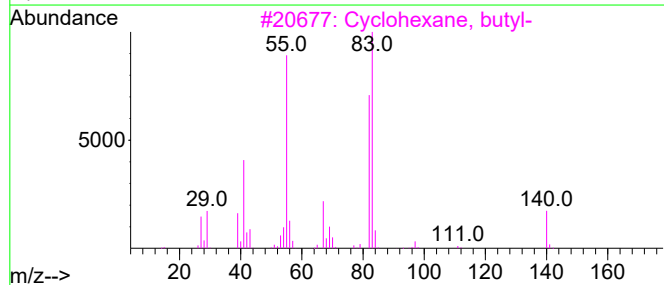
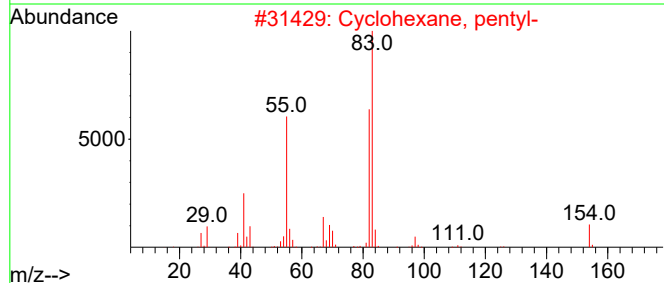
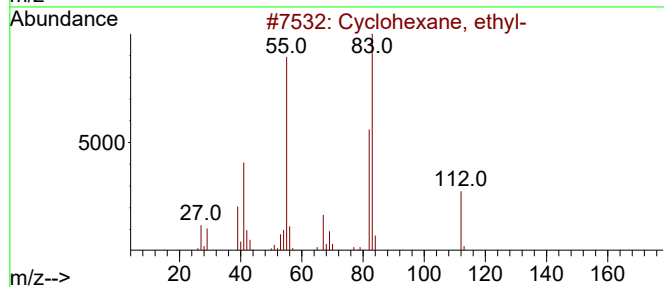
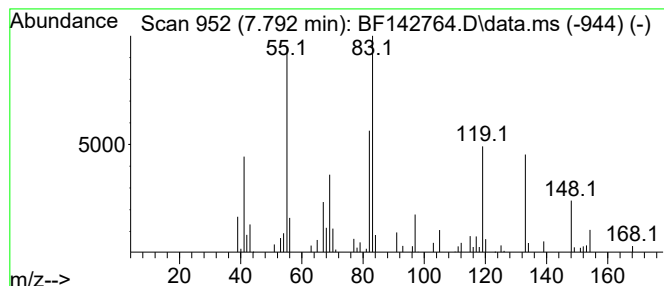
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.792 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.792	3.94 ng	107634	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	46
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	43
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	43
5			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
Acq On : 12 Jun 2025 18:27
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Instrument :
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ClientSampleId :
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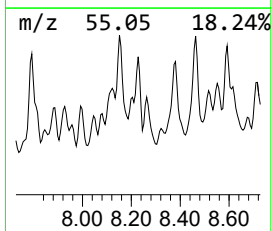
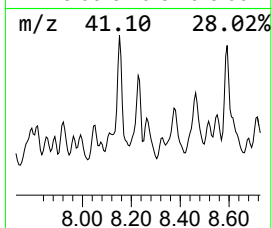
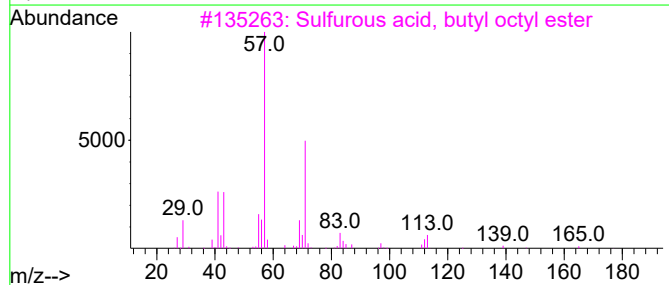
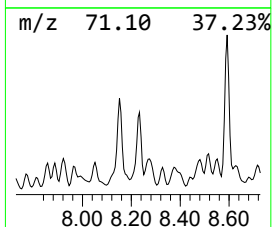
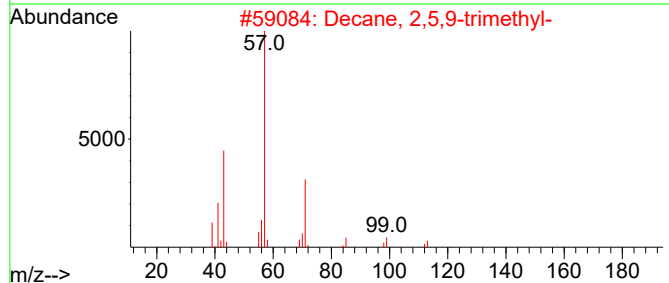
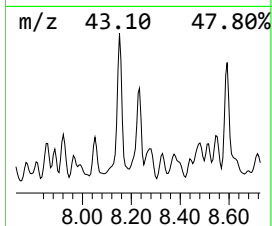
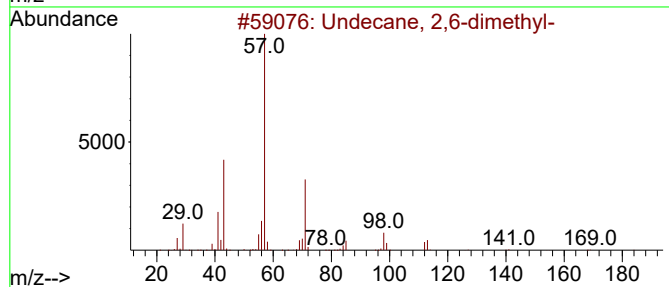
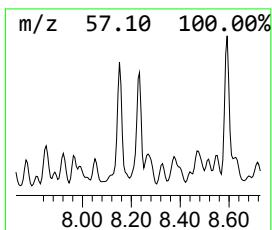
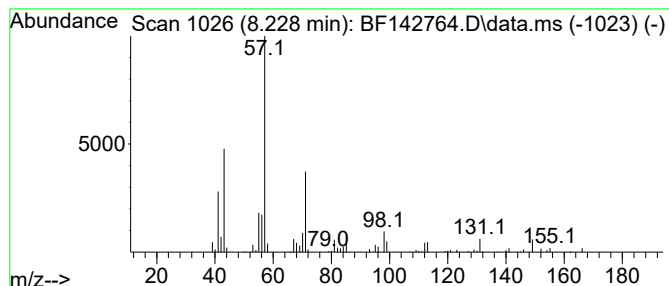
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.228	4.78 ng	130364	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	80
2			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
3			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53
4			Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
Acq On : 12 Jun 2025 18:27
Operator : RC/JU
Sample : Q2224-01 5X
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-06042025

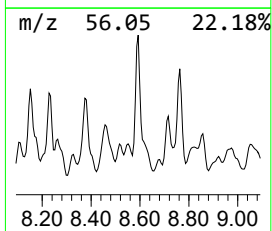
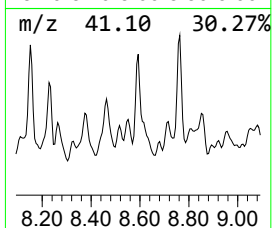
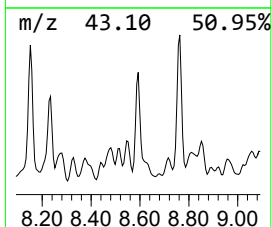
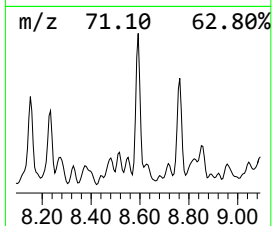
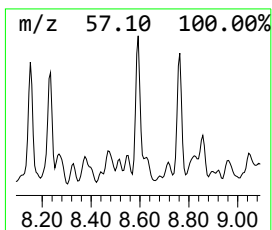
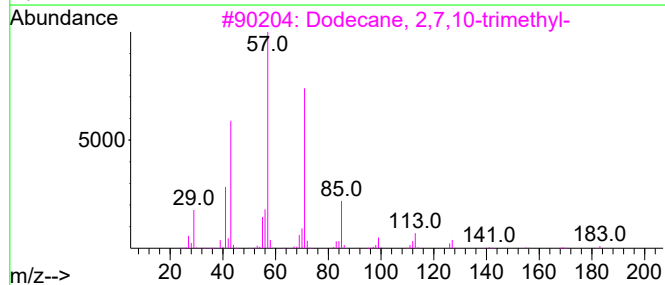
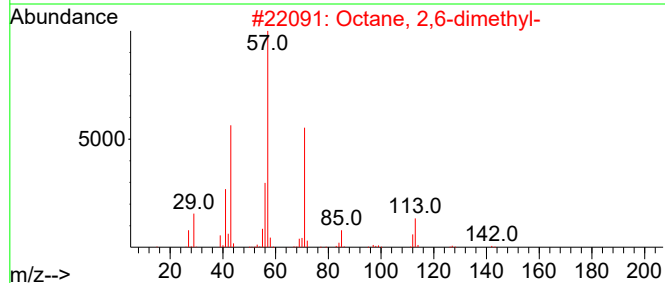
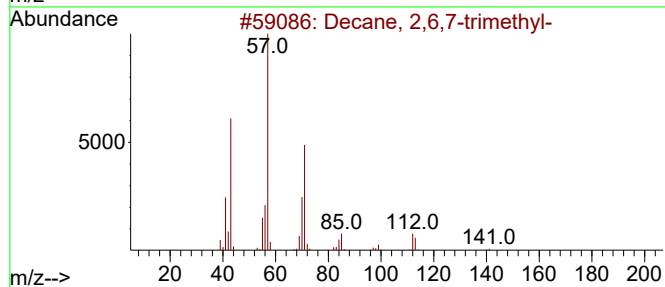
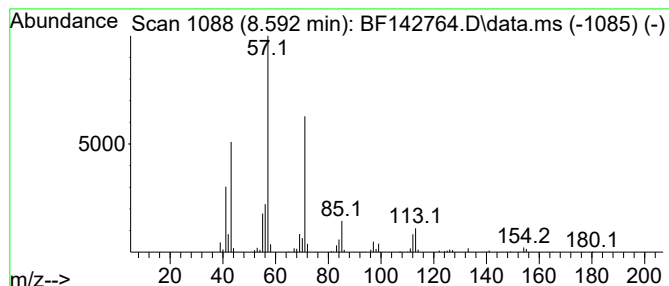
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 2,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.592	3.54 ng	96664	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
Acq On : 12 Jun 2025 18:27
Operator : RC/JU
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ALS Vial : 18 Sample Multiplier: 1

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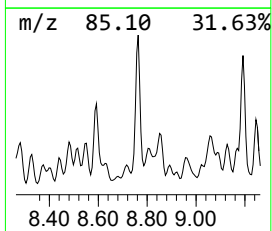
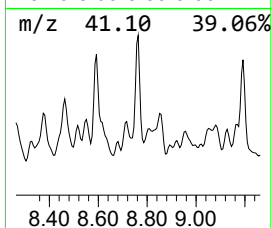
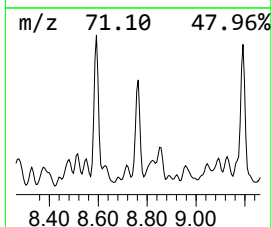
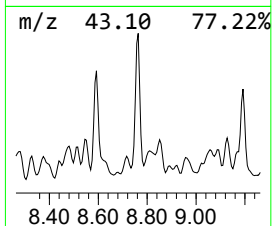
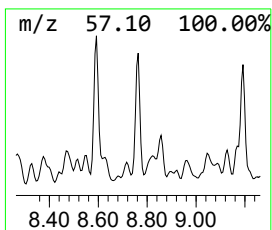
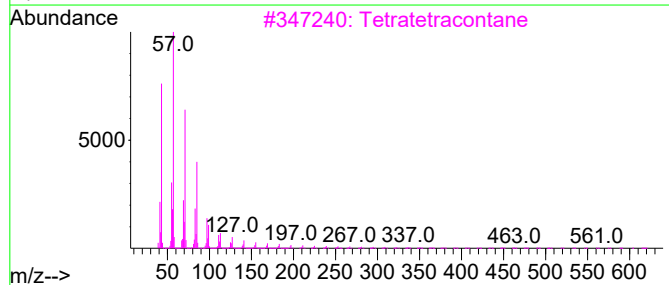
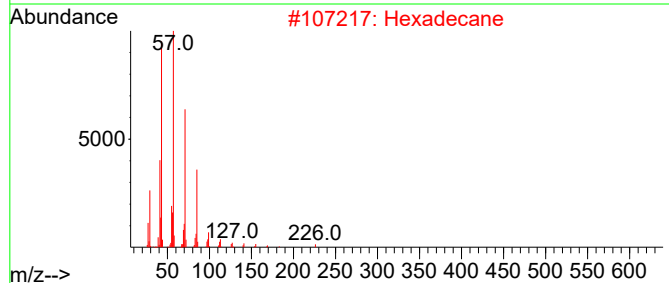
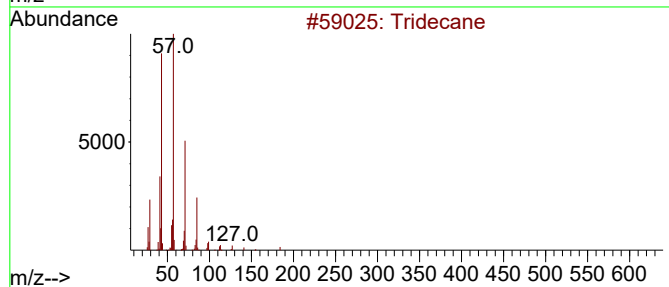
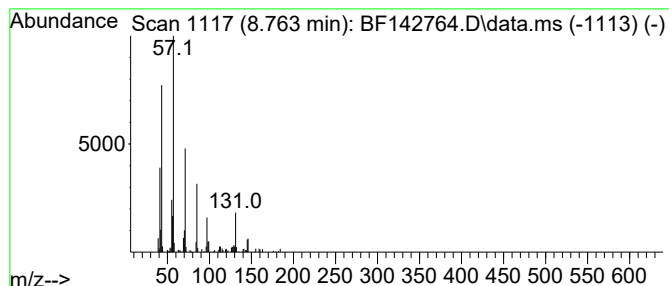
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.763	4.42 ng	120711	Naphthalene-d8	8.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	62
3			Tetratetracontane	619	C44H90	007098-22-8	59
4			Tetradecane	198	C14H30	000629-59-4	58
5			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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Acq On : 12 Jun 2025 18:27
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

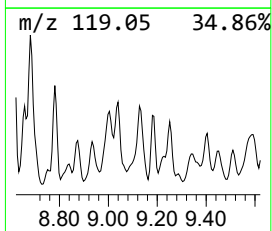
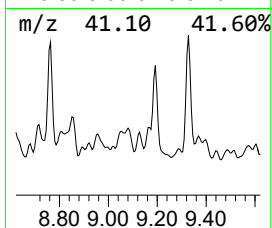
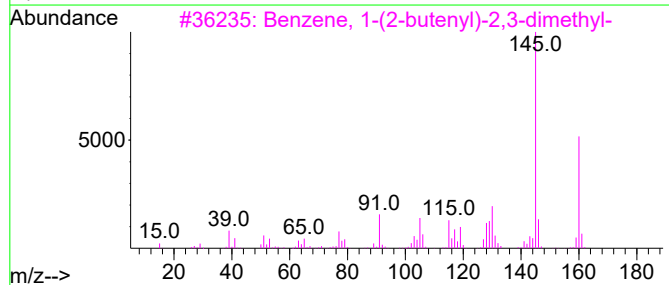
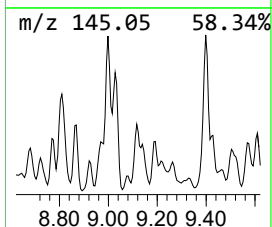
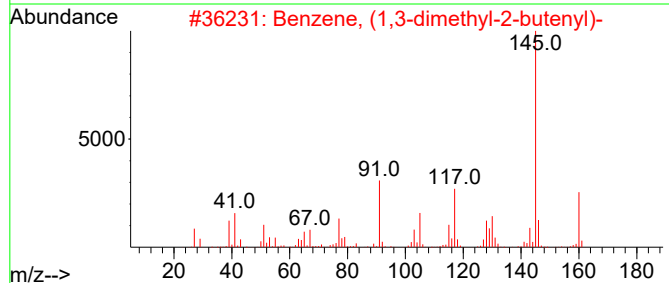
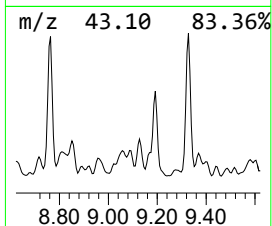
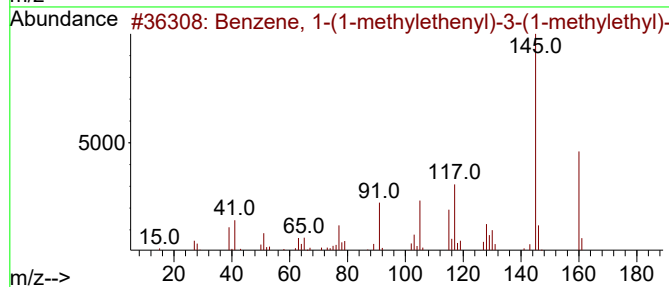
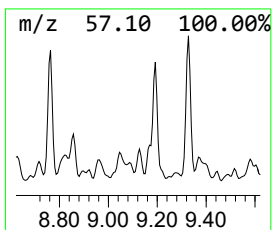
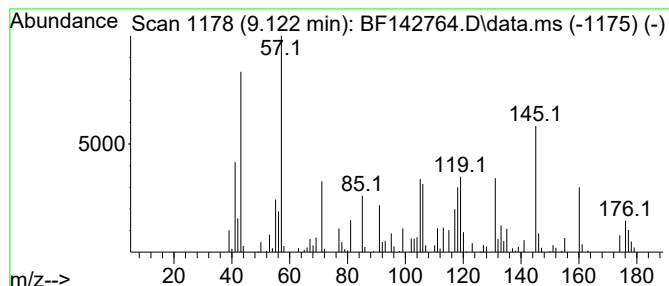
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-(1-methylethenyl)... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.122	3.74 ng	51836	Acenaphthene-d10	9.933	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	30
2	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	27
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	27
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	27
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	27



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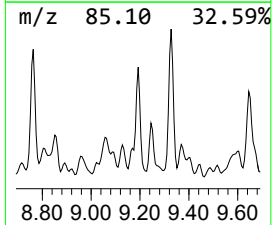
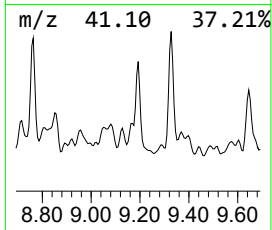
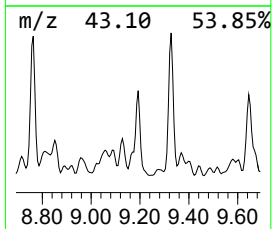
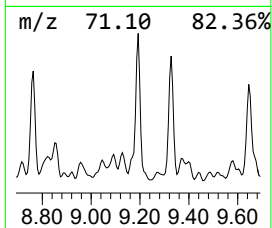
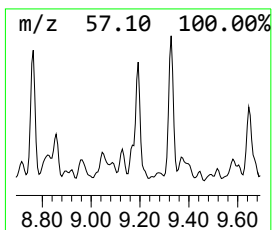
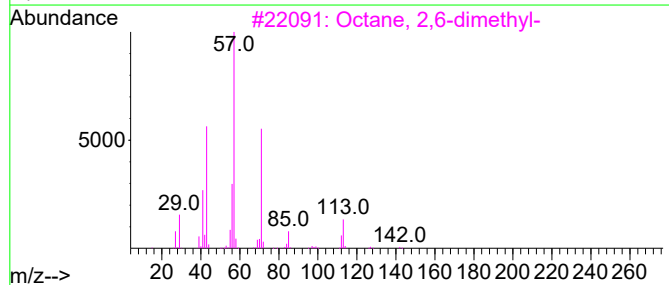
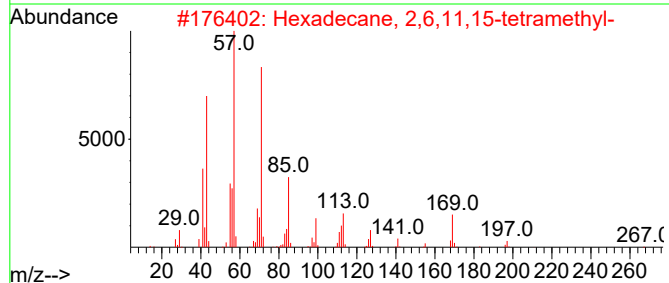
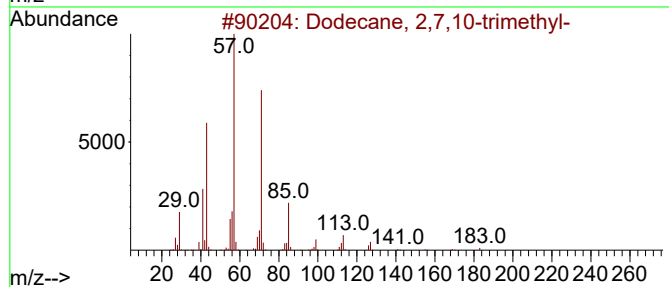
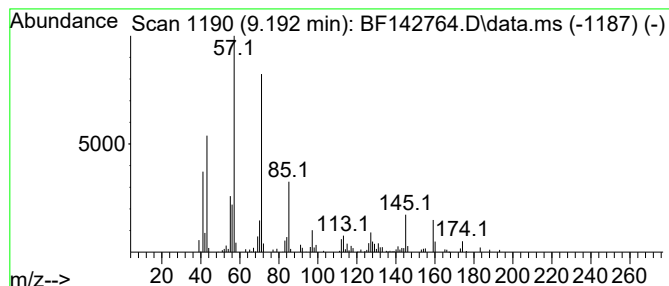
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.192	9.24 ng	128103	Acenaphthene-d10	9.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
5		Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
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ClientSampleId :
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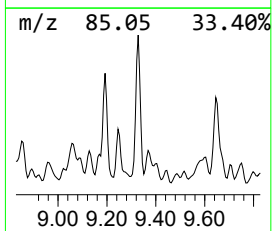
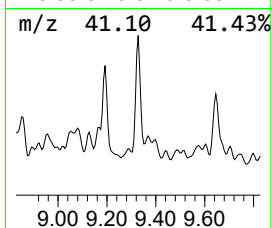
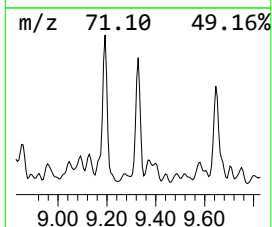
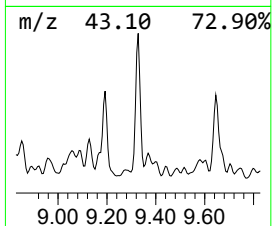
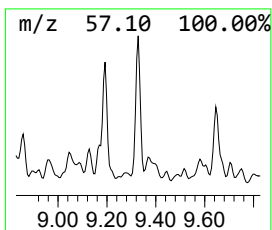
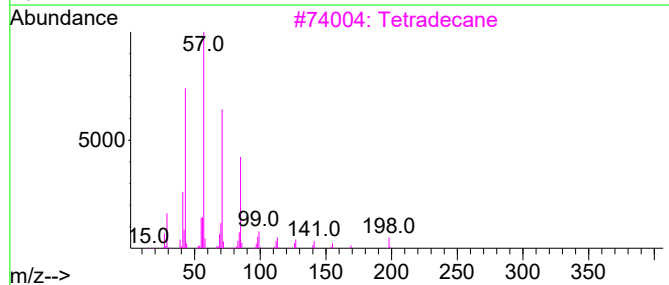
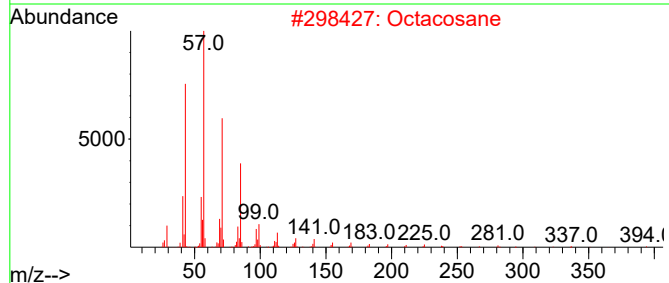
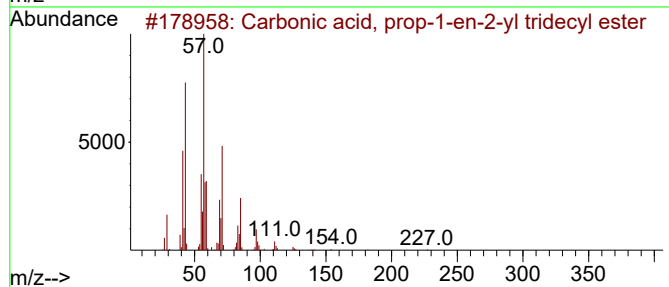
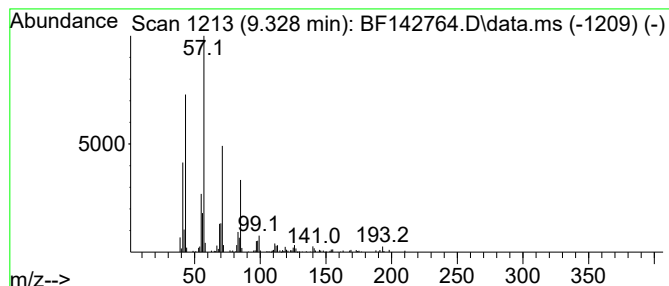
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Carbonic acid, prop-1-en-2-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	11.34 ng	157132	Acenaphthene-d10	9.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	86
2		Octacosane	394	C28H58	000630-02-4	86
3		Tetradecane	198	C14H30	000629-59-4	81
4		Nonadecane	268	C19H40	000629-92-5	80
5		Hexadecane	226	C16H34	000544-76-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
Acq On : 12 Jun 2025 18:27
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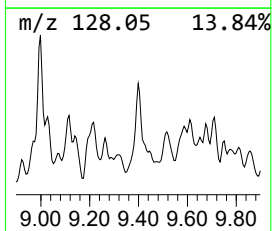
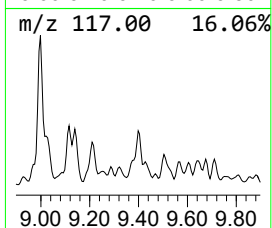
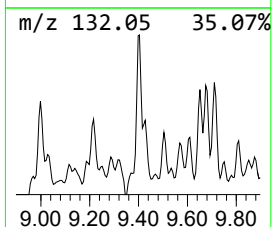
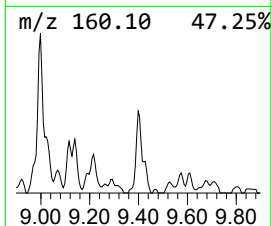
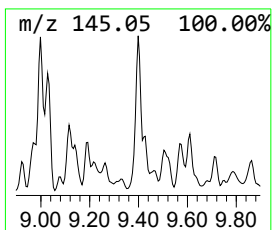
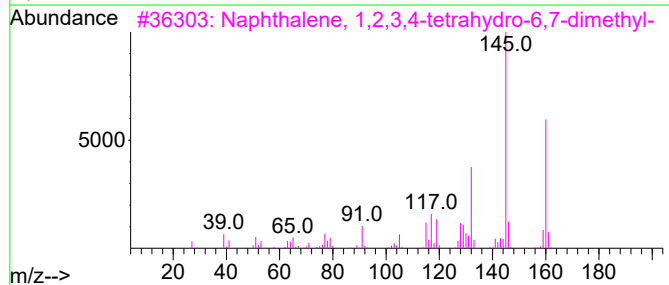
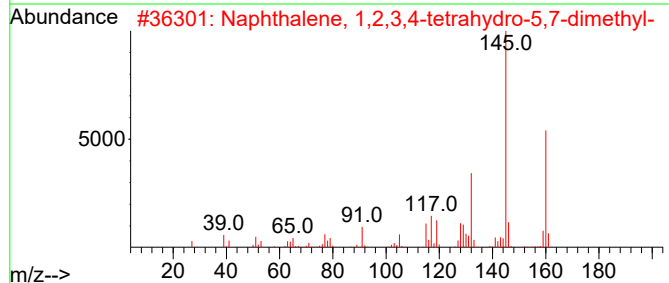
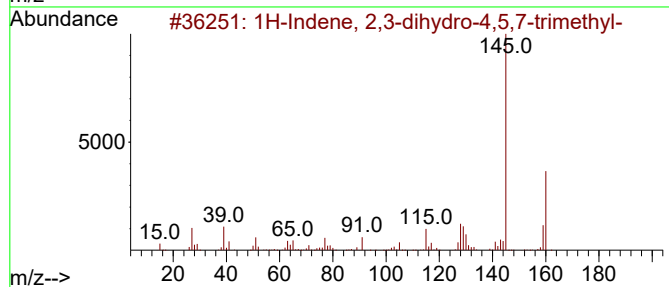
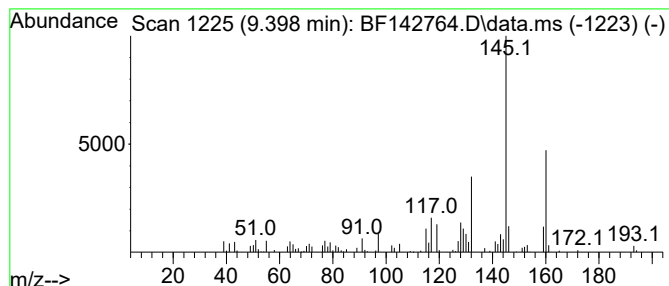
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	3.37 ng	46665	Acenaphthene-d10	9.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16		006682-06-0	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16		021693-54-9	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16		001076-61-5	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16		020027-77-4	94
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16		054340-85-1	90



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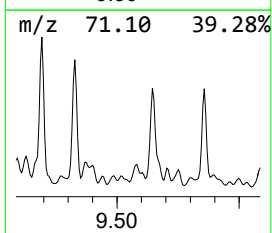
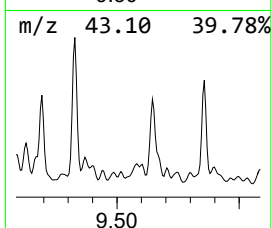
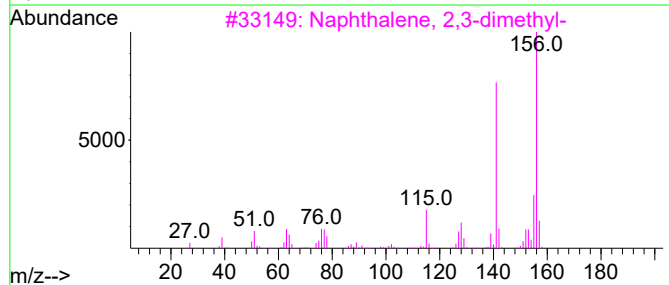
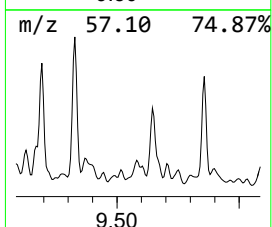
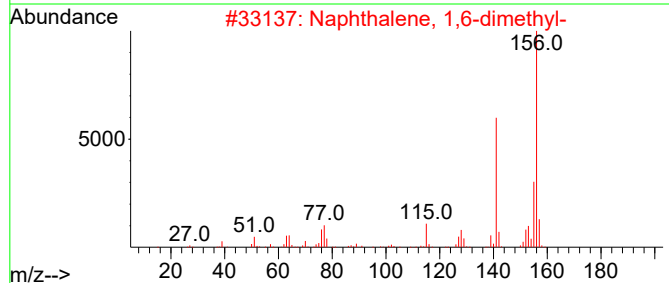
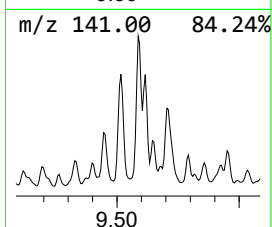
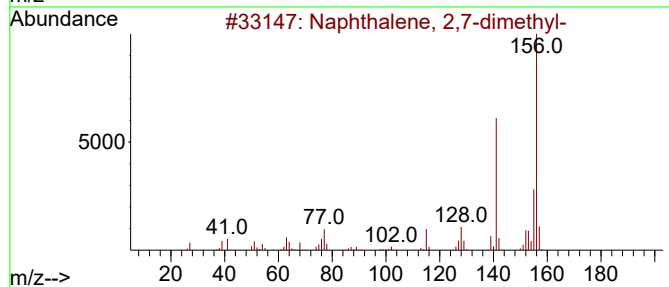
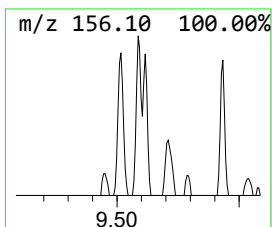
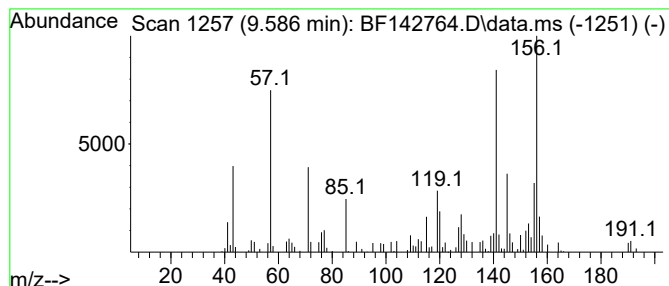
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	3.67 ng	50804	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



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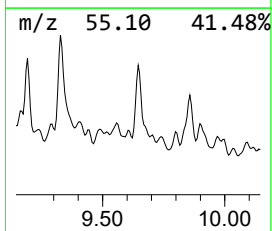
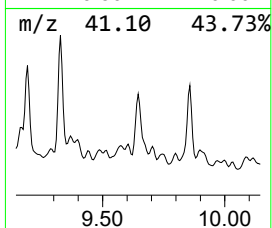
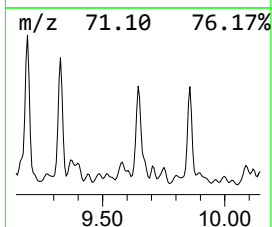
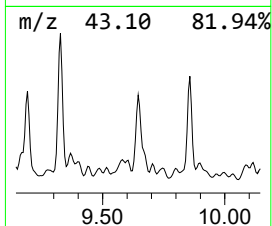
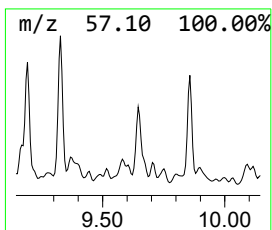
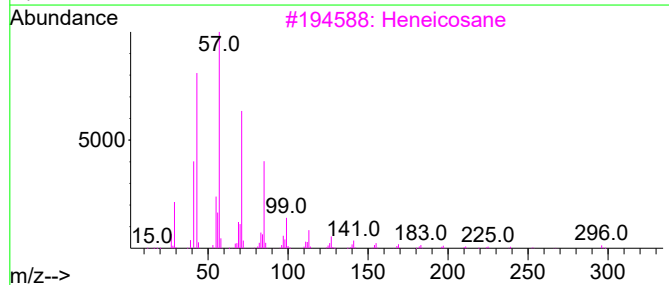
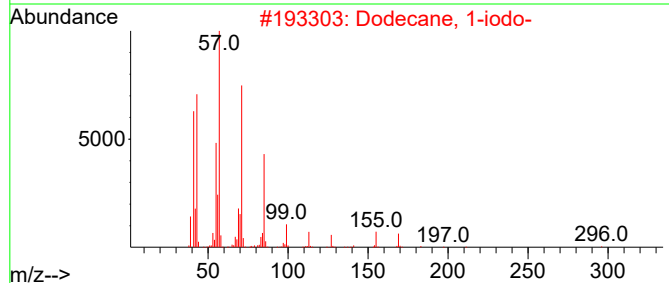
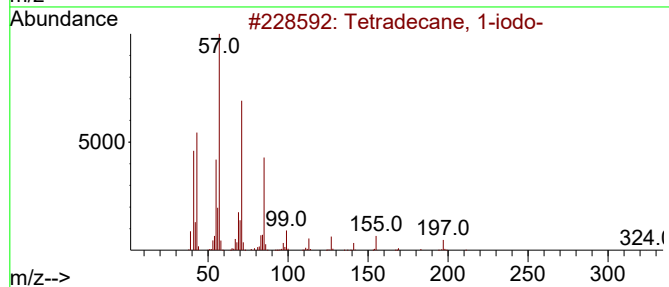
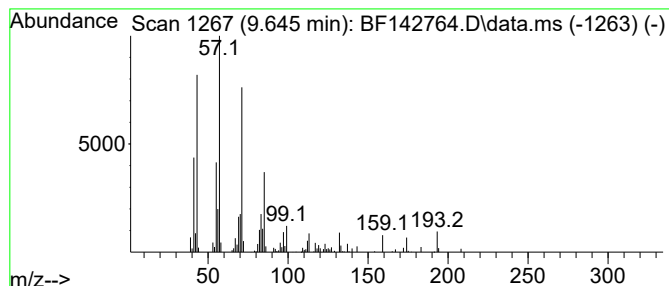
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tetradecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	6.48 ng	89801	Acenaphthene-d10	9.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3		Heneicosane	296	C21H44	000629-94-7	72
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5		Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
EO-01-06042025

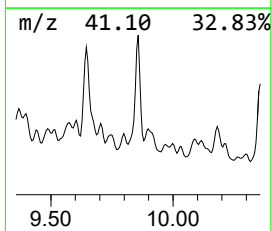
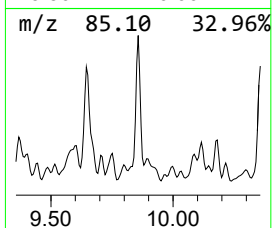
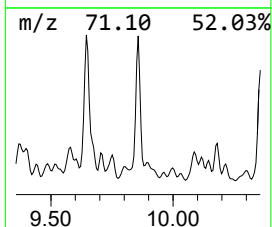
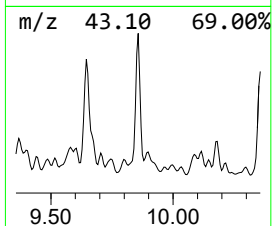
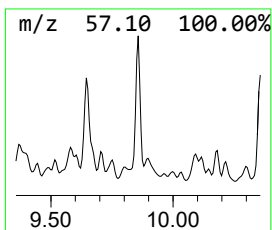
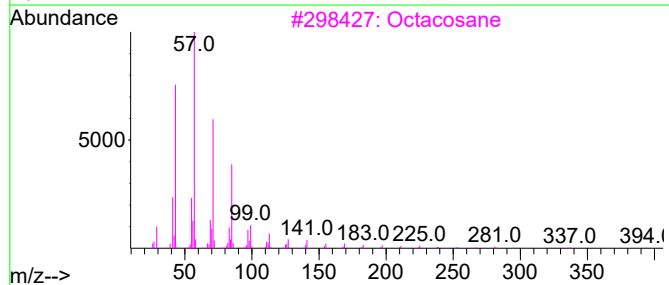
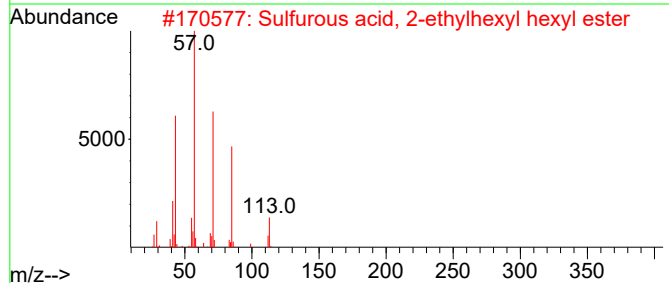
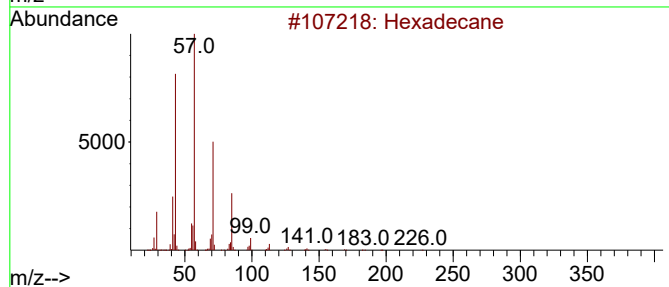
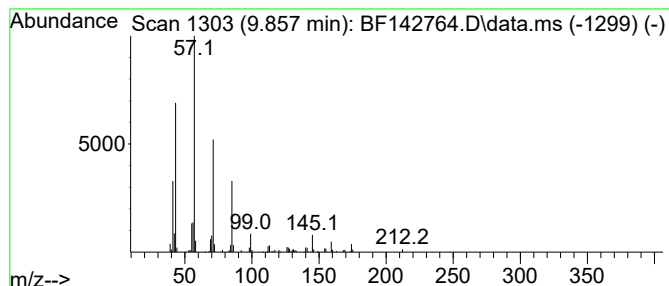
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.857	6.79 ng	94145	Acenaphthene-d10	9.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	80
2		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
3		Octacosane	394	C28H58	000630-02-4	72
4		Tetradecane	198	C14H30	000629-59-4	72
5		triacontane	422	C30H62	000638-68-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
Acq On : 12 Jun 2025 18:27
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

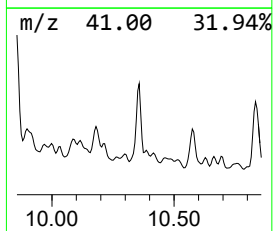
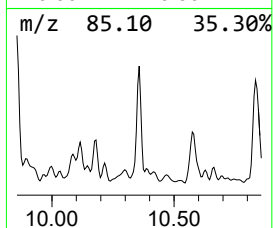
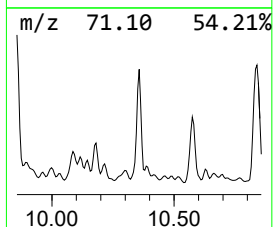
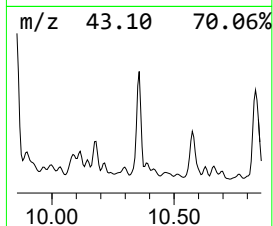
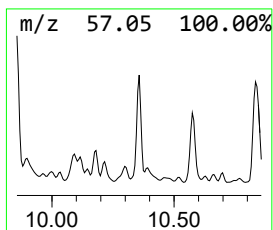
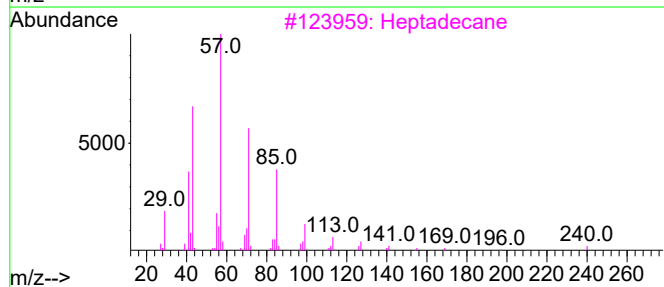
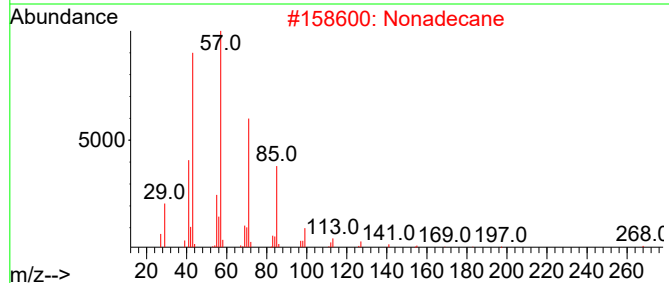
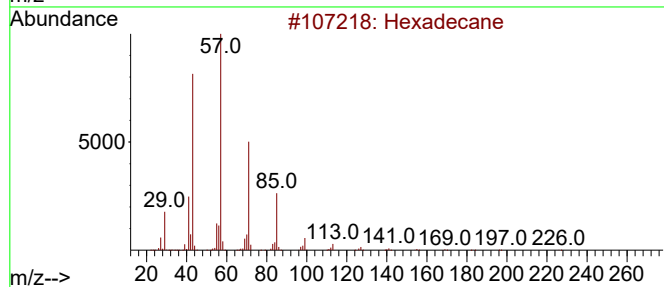
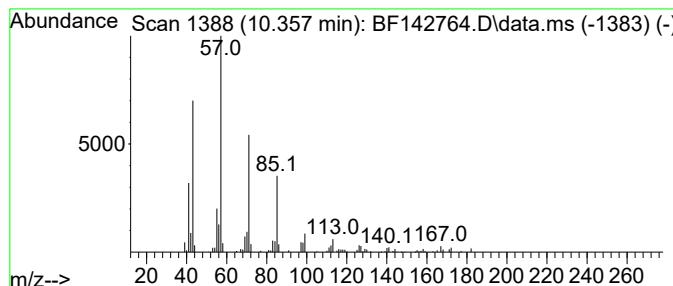
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	5.61 ng	77714	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Nonadecane	268	C19H40	000629-92-5	87
3			Heptadecane	240	C17H36	000629-78-7	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
Acq On : 12 Jun 2025 18:27
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

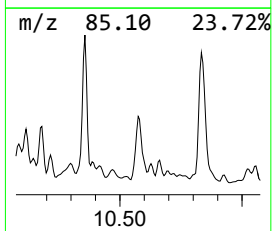
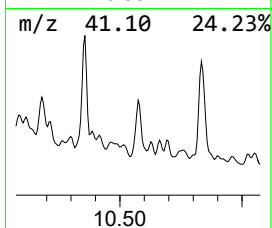
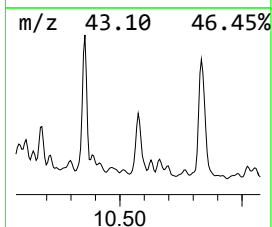
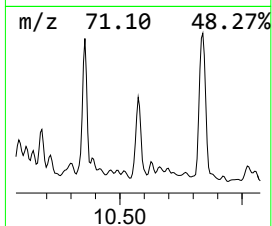
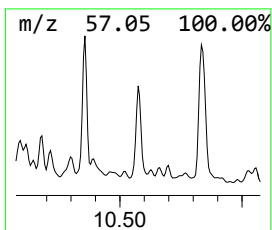
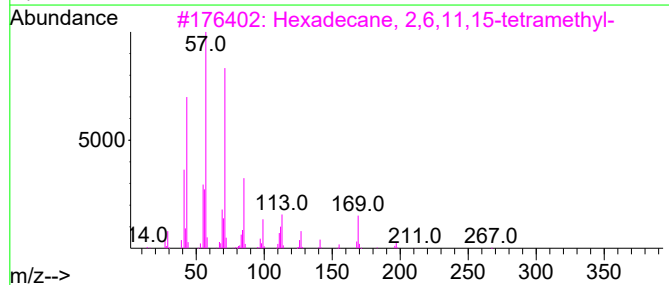
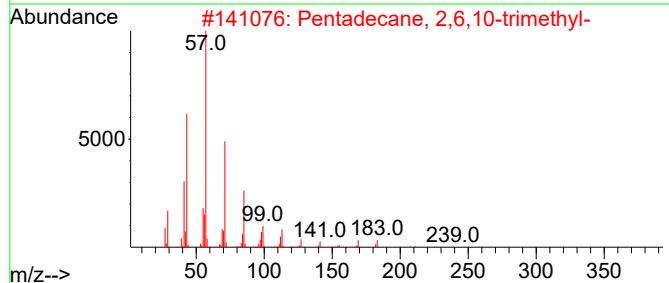
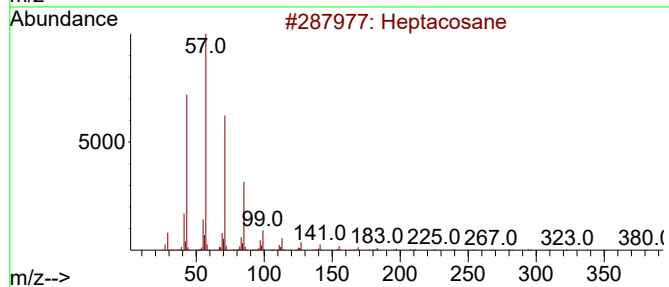
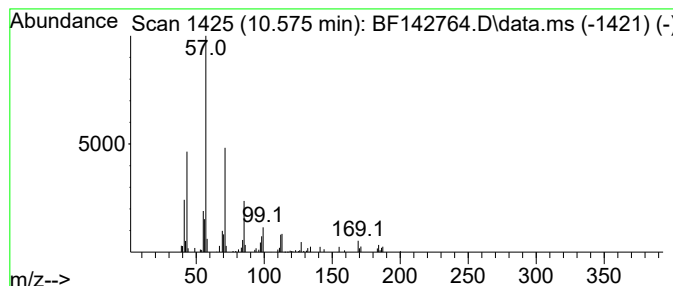
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ClientSampleId :
EO-01-06042025

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

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

Peak Number 19 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.575	4.29 ng	59424	Acenaphthene-d10	9.933	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
5	Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
Acq On : 12 Jun 2025 18:27
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

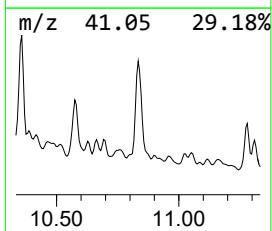
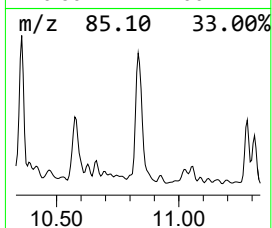
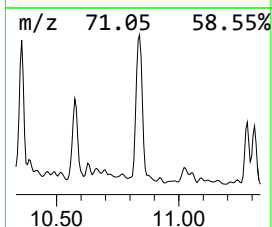
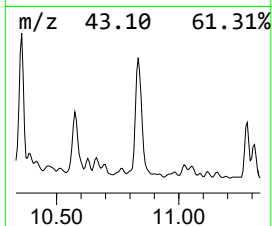
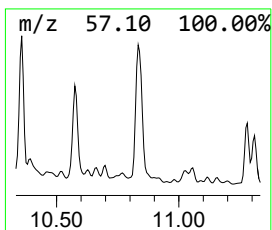
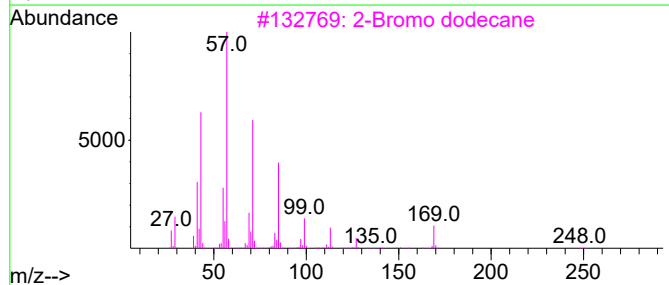
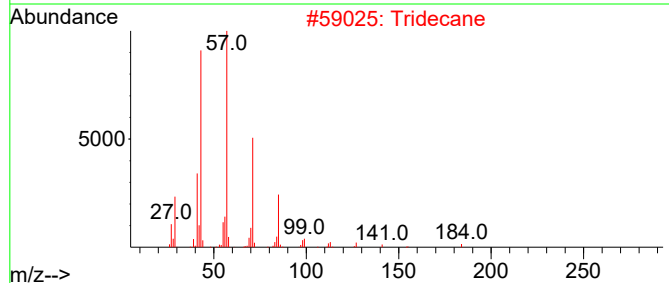
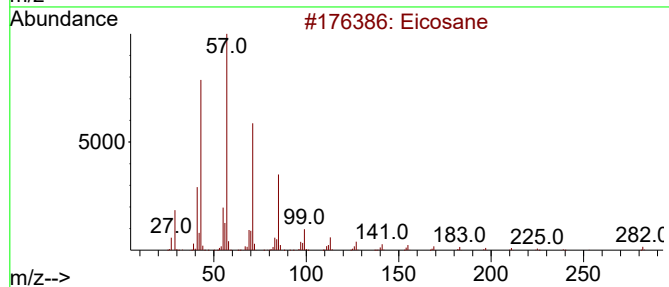
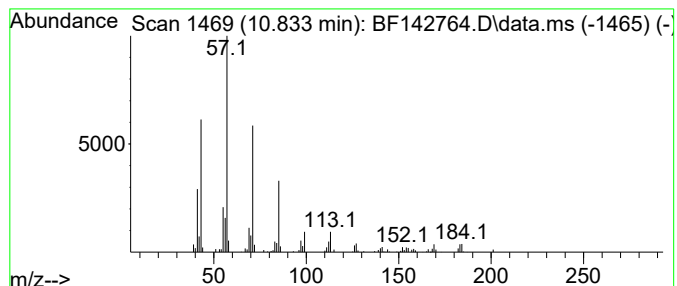
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ClientSampleId :
EO-01-06042025

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

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

Peak Number 20 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.833	5.66 ng	116123	Phenanthrene-d10	11.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Tridecane	184	C13H28	000629-50-5	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142764.D
Acq On : 12 Jun 2025 18:27
Operator : RC/JU
Sample : Q2224-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-06042025

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	6.722	3.8	ng	56858	1	6.892	301300	20.0
unknown7.163	7.163	4.9	ng	73804	1	6.892	301300	20.0
Benzene, 1-ethy...	7.204	5.6	ng	85021	1	6.892	301300	20.0
unknown7.281	7.281	5.9	ng	88749	1	6.892	301300	20.0
Benzenepropanal...	7.534	6.1	ng	92443	1	6.892	301300	20.0
trans-Decalin, ...	7.692	4.3	ng	117315	2	8.175	545966	20.0
unknown7.792	7.792	3.9	ng	107634	2	8.175	545966	20.0
Undecane, 2,6-d...	8.228	4.8	ng	130364	2	8.175	545966	20.0
Decane, 2,6,7-t...	8.592	3.5	ng	96664	2	8.175	545966	20.0
Tridecane	8.763	4.4	ng	120711	2	8.175	545966	20.0
Benzene, 1-(1-m...	9.122	3.7	ng	51836	3	9.933	277156	20.0
Dodecane, 2,7,1...	9.192	9.2	ng	128103	3	9.933	277156	20.0
Carbonic acid, ...	9.328	11.3	ng	157132	3	9.933	277156	20.0
1H-Indene, 2,3-...	9.398	3.4	ng	46665	3	9.933	277156	20.0
Naphthalene, 2,...	9.586	3.7	ng	50804	3	9.933	277156	20.0
Tetradecane, 1-...	9.645	6.5	ng	89801	3	9.933	277156	20.0
Hexadecane	9.857	6.8	ng	94145	3	9.933	277156	20.0
Nonadecane	10.357	5.6	ng	77714	3	9.933	277156	20.0
Heptacosane	10.575	4.3	ng	59424	3	9.933	277156	20.0
Eicosane	10.833	5.7	ng	116123	4	11.422	410564	20.0