

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
 Data File : BF143011.D
 Acq On : 07 Jul 2025 16:18
 Operator : RC/JU
 Sample : Q2491-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-1-070225

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143011.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	486	490	496	rBV	11629	16478	2.89%	0.145%
2	5.281	520	525	534	rBV	6301	11796	2.07%	0.104%
3	5.493	556	561	569	rVV	91341	128684	22.58%	1.135%
4	5.681	590	593	597	rVB	8431	10020	1.76%	0.088%
5	5.775	605	609	619	rVB2	5730	9193	1.61%	0.081%
6	5.892	622	629	632	rBV3	12371	20615	3.62%	0.182%
7	5.934	632	636	644	rBV2	5662	10151	1.78%	0.090%
8	6.022	644	651	655	rVB3	10071	18803	3.30%	0.166%
9	6.069	655	659	662	rBV	6390	9058	1.59%	0.080%
10	6.116	662	667	673	rBV2	26791	46857	8.22%	0.413%
11	6.169	673	676	679	rVB	11494	12514	2.20%	0.110%
12	6.304	694	699	703	rBV2	22892	33874	5.95%	0.299%
13	6.363	703	709	712	rVV2	18576	33195	5.83%	0.293%
14	6.398	712	715	722	rVV	37965	61071	10.72%	0.538%
15	6.457	722	725	729	rVV2	21683	28737	5.04%	0.253%
16	6.504	729	733	738	rVV	85990	124639	21.87%	1.099%
17	6.545	738	740	746	rVB4	12789	18534	3.25%	0.163%
18	6.610	746	751	755	rBV4	27156	49683	8.72%	0.438%
19	6.651	755	758	763	rVB3	15896	27185	4.77%	0.240%
20	6.704	763	767	774	rBV	93080	133982	23.51%	1.181%
21	6.798	778	783	786	rBV4	11355	21597	3.79%	0.190%
22	6.875	786	796	801	rBV2	276129	398517	69.94%	3.514%
23	6.928	801	805	808	rVB2	37041	46907	8.23%	0.414%
24	6.981	808	814	817	rBV5	31353	56621	9.94%	0.499%
25	7.016	817	820	824	rVB	53497	64119	11.25%	0.565%
26	7.098	831	834	836	rBV	21962	24632	4.32%	0.217%
27	7.139	836	841	844	rVV2	80801	114282	20.06%	1.008%
28	7.175	844	847	849	rVV	41653	56200	9.86%	0.496%
29	7.204	849	852	857	rVB2	60774	88934	15.61%	0.784%
30	7.257	857	861	866	rBV3	91795	152610	26.78%	1.346%
31	7.351	873	877	880	rBV4	14839	28728	5.04%	0.253%
32	7.404	880	886	889	rVV2	85260	151393	26.57%	1.335%
33	7.463	892	896	900	rVV	295977	408090	71.62%	3.598%
34	7.516	900	905	909	rVV4	79548	122879	21.57%	1.083%
35	7.575	909	915	919	rBV4	55947	127992	22.46%	1.129%
36	7.622	920	923	925	rVV3	16785	24094	4.23%	0.212%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.651	925	928	930	rVV2	56160	81618	14.32%	0.720%
38	7.675	930	932	936	rVB4	60807	69274	12.16%	0.611%
39	7.775	941	949	950	rBV3	74558	144153	25.30%	1.271%
40	7.834	956	959	962	rVB2	63965	76108	13.36%	0.671%
41	7.869	962	965	967	rBV3	54377	60745	10.66%	0.536%
42	7.898	967	970	975	rVB2	117054	149703	26.27%	1.320%
43	7.945	975	978	980	rBV	55157	59108	10.37%	0.521%
44	7.969	980	982	989	rVB5	60102	90115	15.82%	0.795%
45	8.028	989	992	995	rBV2	50496	58159	10.21%	0.513%
46	8.057	995	997	1000	rBV2	16202	15663	2.75%	0.138%
47	8.104	1000	1005	1006	rBV3	56380	81725	14.34%	0.721%
48	8.133	1006	1010	1013	rBV	398101	569783	100.00%	5.024%
49	8.210	1019	1023	1026	rVB2	200396	241620	42.41%	2.130%
50	8.245	1026	1029	1036	rVB5	82317	140312	24.63%	1.237%
51	8.310	1036	1040	1042	rBV2	49173	75863	13.31%	0.669%
52	8.357	1045	1048	1052	rVB	82368	97982	17.20%	0.864%
53	8.445	1059	1063	1068	rBV5	130006	191781	33.66%	1.691%
54	8.498	1069	1072	1074	rBV2	47075	50528	8.87%	0.446%
55	8.533	1074	1078	1081	rVB4	81728	105273	18.48%	0.928%
56	8.575	1081	1085	1091	rBV	216810	313693	55.05%	2.766%
57	8.663	1096	1100	1102	rBV2	66906	80477	14.12%	0.710%
58	8.698	1102	1106	1109	rBV4	38732	53226	9.34%	0.469%
59	8.745	1109	1114	1118	rBV	448531	557160	97.78%	4.912%
60	8.904	1138	1141	1143	rBV4	32729	36580	6.42%	0.323%
61	8.939	1144	1147	1151	rVV4	29951	62383	10.95%	0.550%
62	8.981	1151	1154	1157	rVV	71177	74659	13.10%	0.658%
63	9.028	1159	1162	1166	rBV5	47531	79593	13.97%	0.702%
64	9.104	1172	1175	1180	rBV4	81729	106668	18.72%	0.940%
65	9.145	1180	1182	1184	rVV	52103	57608	10.11%	0.508%
66	9.175	1184	1187	1193	rVB3	211235	284543	49.94%	2.509%
67	9.233	1193	1197	1201	rBV	111714	141348	24.81%	1.246%
68	9.310	1205	1210	1214	rBV	440330	557999	97.93%	4.920%
69	9.380	1220	1222	1226	rVB	77958	89322	15.68%	0.788%
70	9.628	1260	1264	1272	rVV3	172853	320005	56.16%	2.821%
71	9.686	1272	1274	1278	rVB3	54955	59890	10.51%	0.528%
72	9.780	1287	1290	1293	rBV4	35516	42556	7.47%	0.375%
73	9.839	1296	1300	1304	rVB	244009	300207	52.69%	2.647%
74	9.916	1309	1313	1317	rVB	245533	312510	54.85%	2.755%
75	10.069	1335	1339	1342	rBV3	39502	70763	12.42%	0.624%
76	10.163	1351	1355	1358	rBV3	52536	72477	12.72%	0.639%

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77	10.233	1364	1367	1372	rBV5	20810	38698	6.79%	0.341%
78	10.339	1380	1385	1388	rBV	154319	200704	35.22%	1.770%
79	10.557	1417	1422	1428	rVB	73397	123712	21.71%	1.091%
80	10.616	1428	1432	1440	rVV4	20145	49736	8.73%	0.439%
81	10.675	1440	1442	1444	rVV3	13153	12165	2.14%	0.107%
82	10.704	1444	1447	1452	rVB	48049	55071	9.67%	0.486%
83	10.816	1461	1466	1474	rVB	116102	207401	36.40%	1.829%
84	11.257	1537	1541	1544	rBV	44674	61256	10.75%	0.540%
85	11.286	1544	1546	1553	rVB2	36223	52735	9.26%	0.465%
86	11.404	1561	1566	1576	rBV	243761	341135	59.87%	3.008%
87	11.639	1603	1606	1610	rBV6	8056	11638	2.04%	0.103%
88	11.686	1610	1614	1618	rVB	28187	33570	5.89%	0.296%
89	11.927	1650	1655	1662	rBV5	16013	32962	5.79%	0.291%
90	12.016	1668	1670	1679	rVB3	13237	24041	4.22%	0.212%
91	12.092	1680	1683	1687	rVB	20114	24674	4.33%	0.218%
92	12.380	1729	1732	1739	rVB8	7313	12378	2.17%	0.109%
93	12.457	1742	1745	1746	rVV	8696	9184	1.61%	0.081%
94	12.486	1746	1750	1757	rVB2	21006	32472	5.70%	0.286%
95	12.621	1769	1773	1778	rBV	61856	81883	14.37%	0.722%
96	12.851	1806	1812	1818	rBV	82008	126736	22.24%	1.117%
97	12.986	1830	1835	1844	rVB	139645	188971	33.17%	1.666%
98	13.210	1871	1873	1877	rBV2	11929	16450	2.89%	0.145%
99	14.051	2011	2016	2028	rBV2	308870	497629	87.34%	4.388%
100	15.551	2266	2271	2284	rVB	221700	380709	66.82%	3.357%

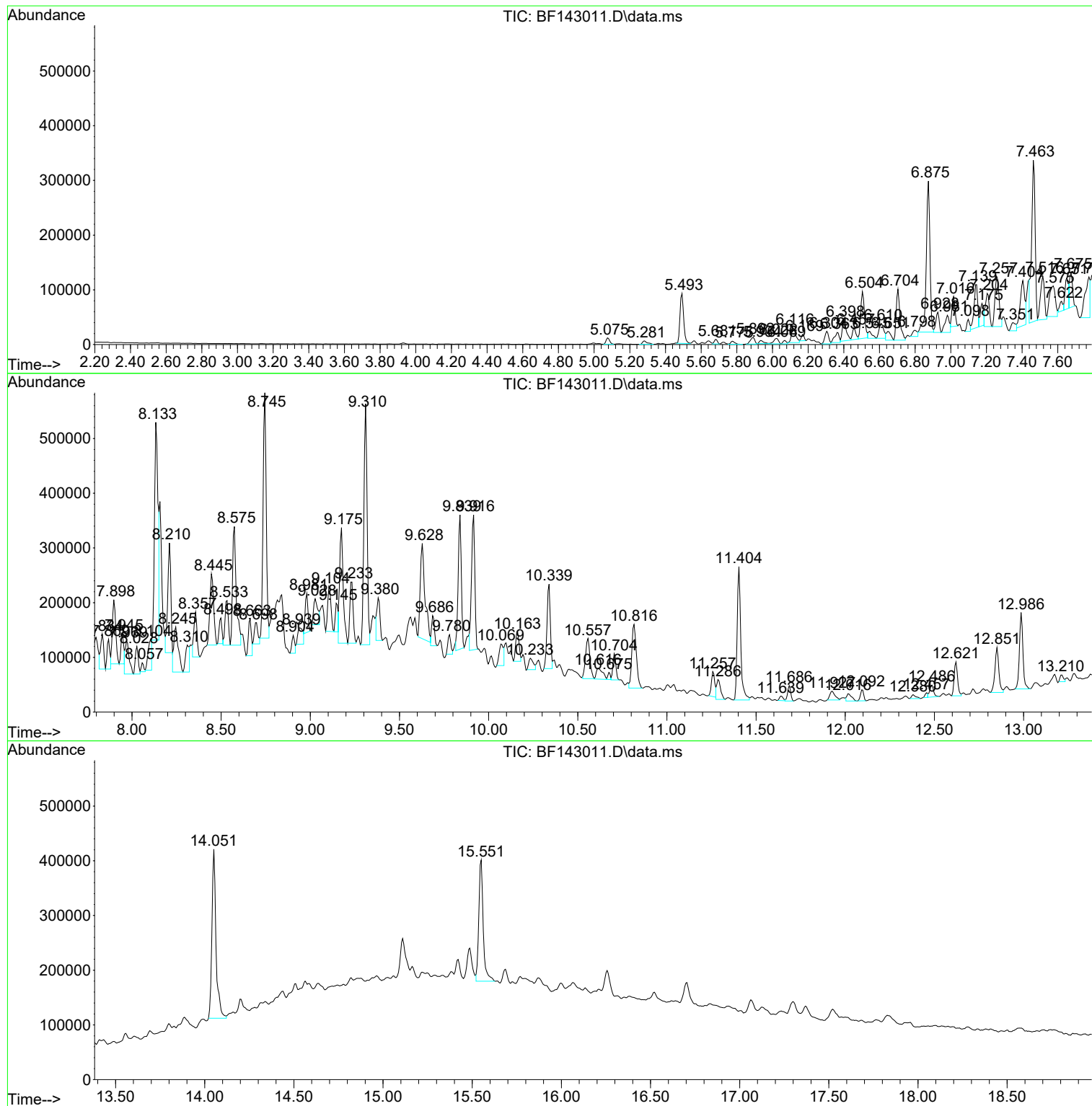
Sum of corrected areas: 11341754

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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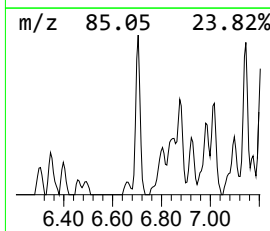
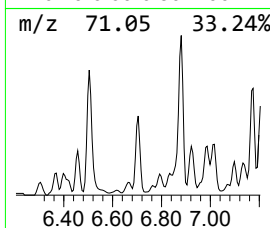
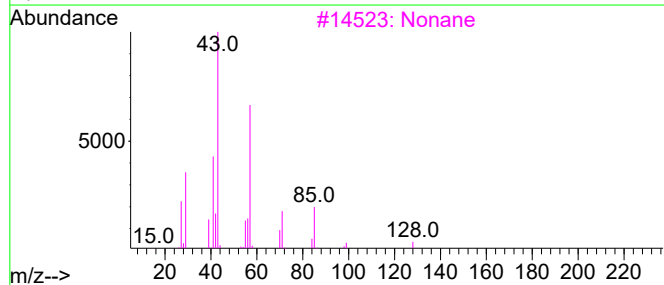
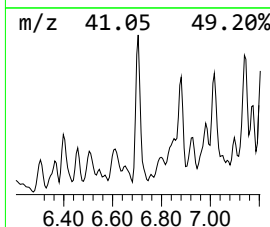
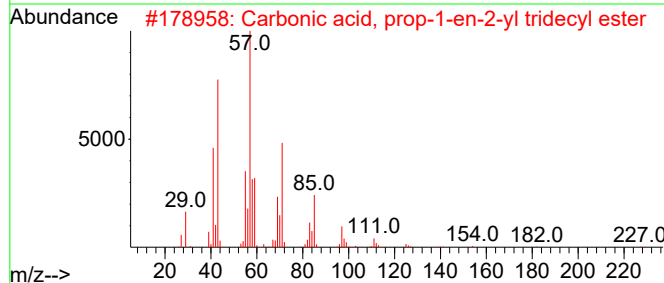
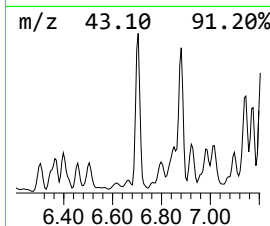
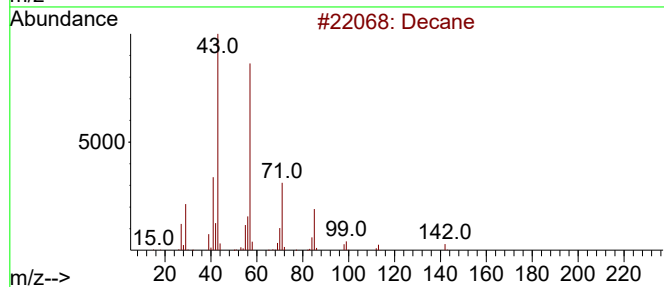
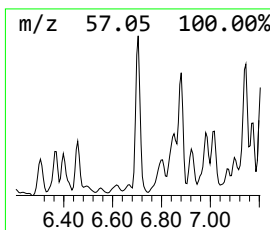
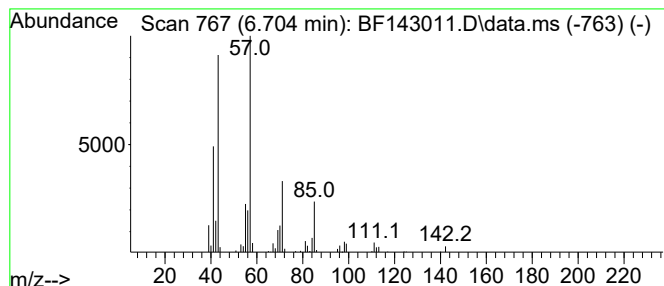
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.704	6.72 ng	133982	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
3			Nonane	128	C9H20	000111-84-2	78
4			Hexatriacontane	507	C36H74	000630-06-8	64
5			Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	64



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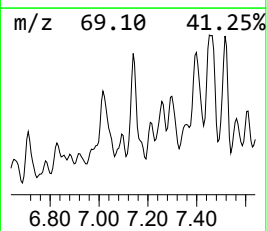
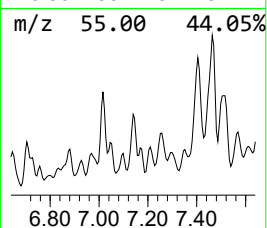
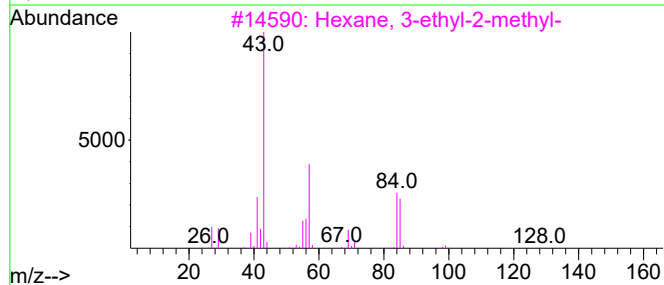
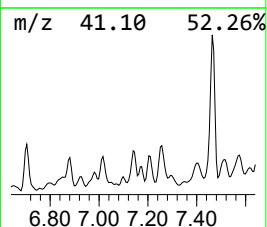
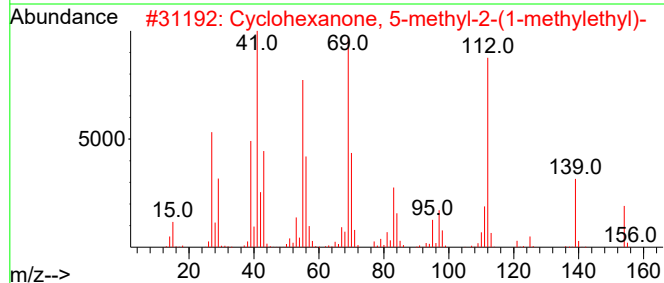
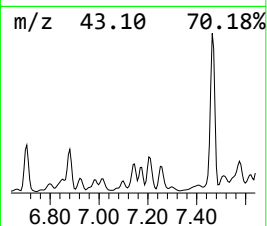
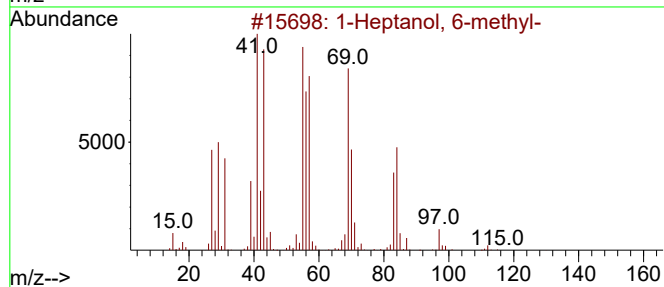
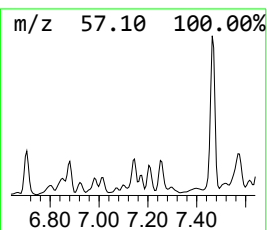
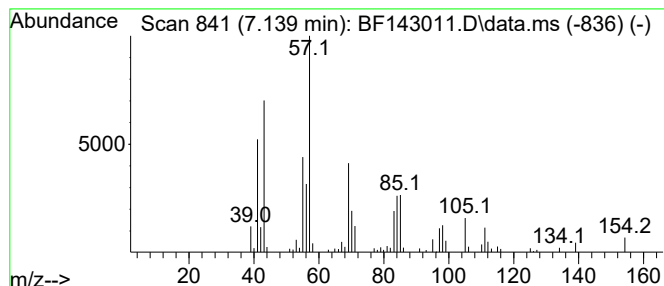
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.139 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	5.74 ng	114282	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	47
2			Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	38
3			Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	38
4			Decane, 5-methyl-	156	C11H24	013151-35-4	35
5			Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	35



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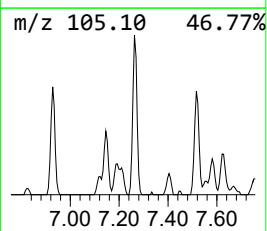
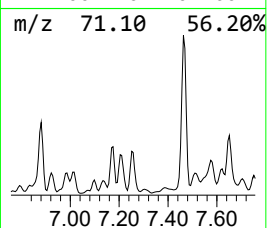
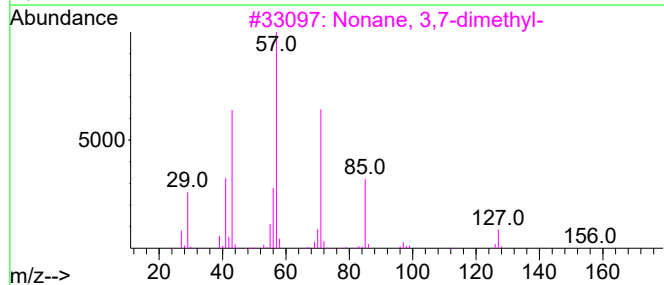
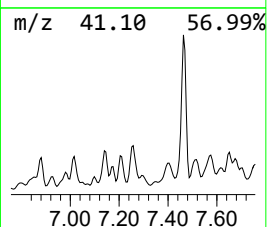
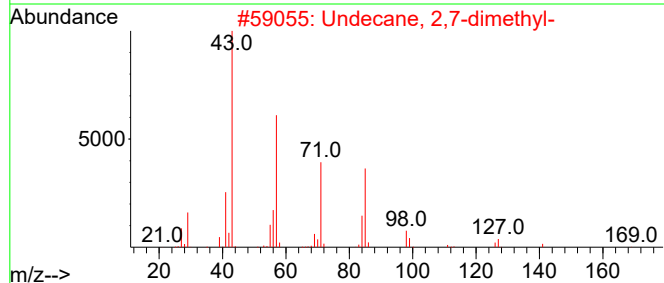
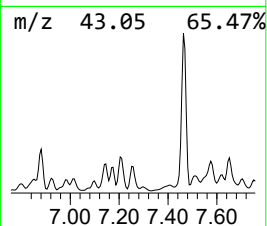
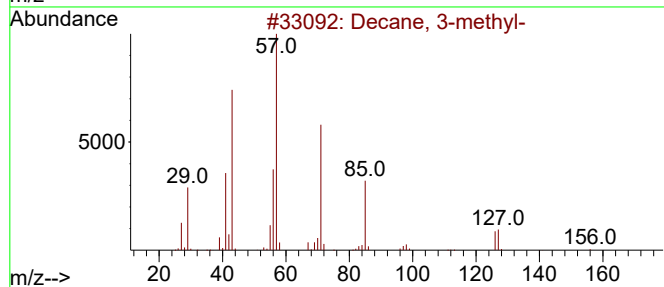
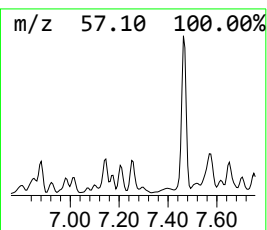
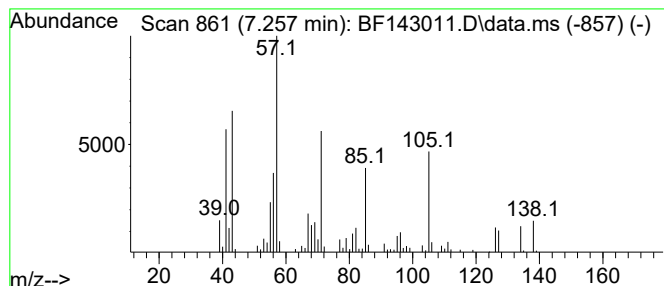
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	7.66 ng	152610	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	72
2			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	52
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
4			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	47
5			Octane, 2-methyl-	128	C9H20	003221-61-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
Acq On : 07 Jul 2025 16:18
Operator : RC/JU
Sample : Q2491-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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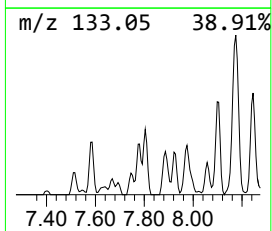
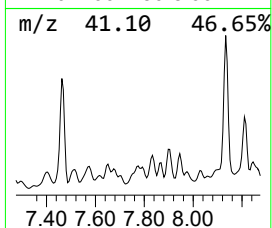
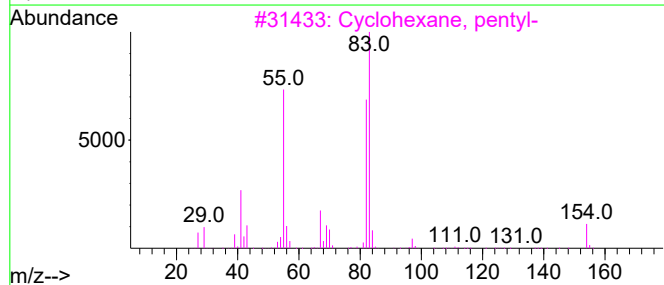
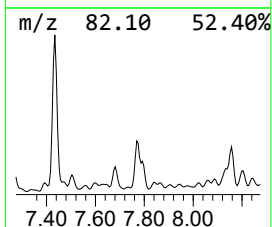
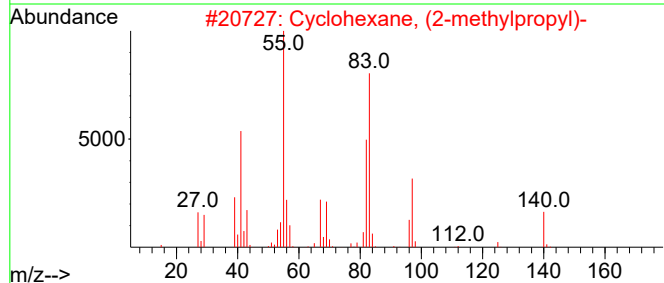
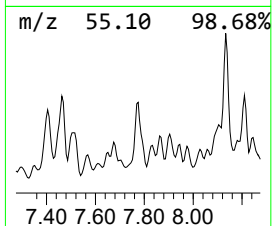
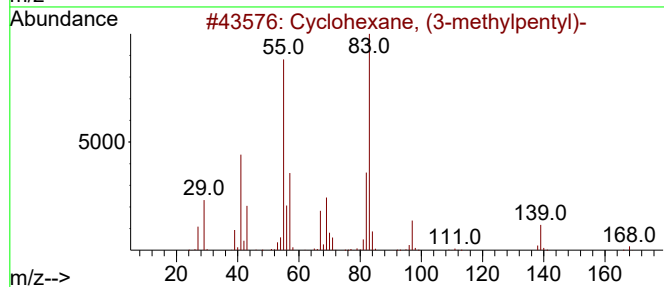
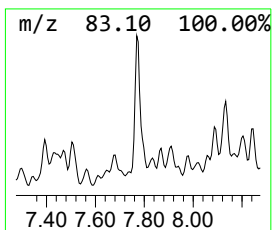
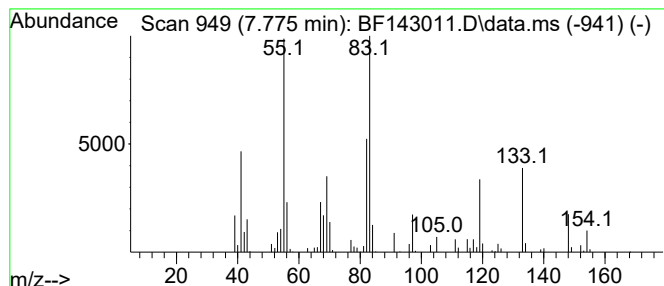
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, (3-methylpentyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.775	5.06 ng	144153	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	53
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	47
5			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
Acq On : 07 Jul 2025 16:18
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Sample : Q2491-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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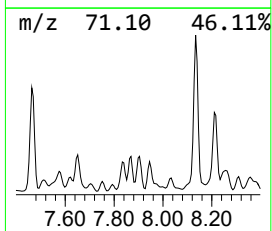
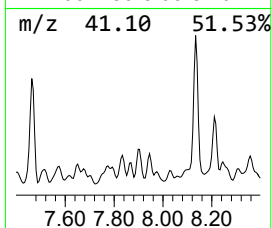
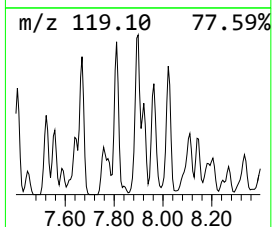
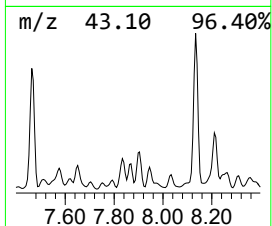
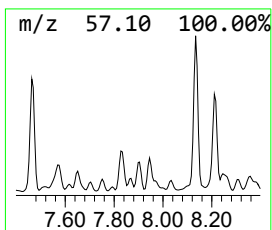
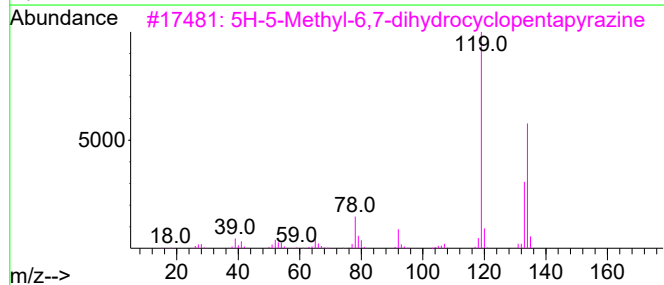
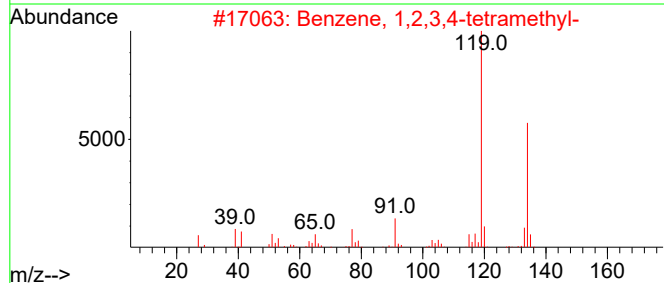
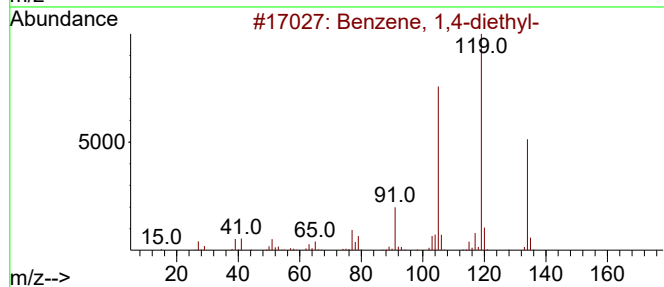
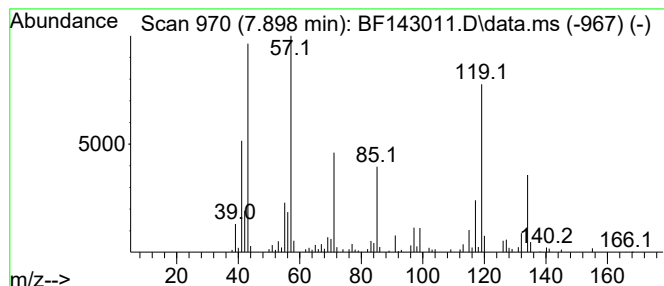
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.898 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.898	5.25 ng	149703	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	30
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	30
3			5H-5-Methyl-6,7-dihydrocyclopent...	134	C8H10N2	023747-48-0	30
4			Octane, 4-methyl-	128	C9H20	002216-34-4	30
5			Benzene, tert-butyl-	134	C10H14	000098-06-6	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
Acq On : 07 Jul 2025 16:18
Operator : RC/JU
Sample : Q2491-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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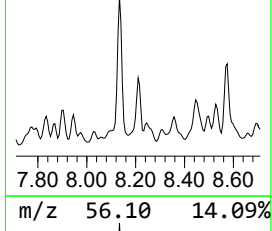
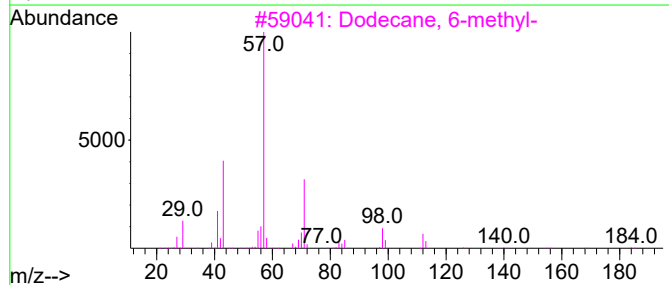
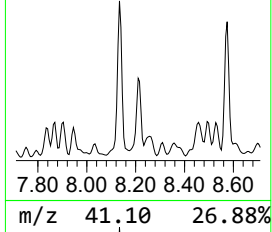
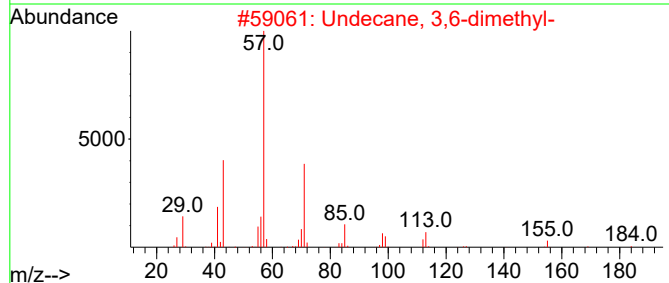
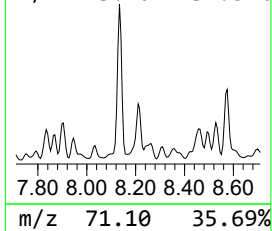
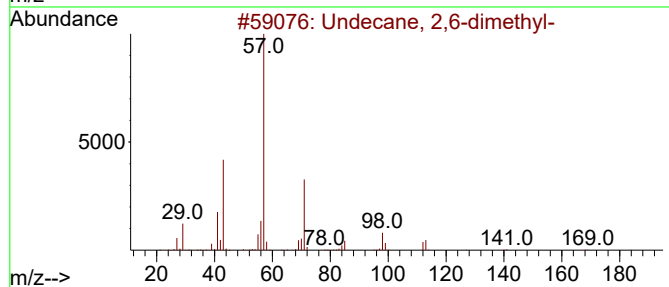
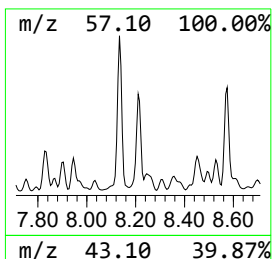
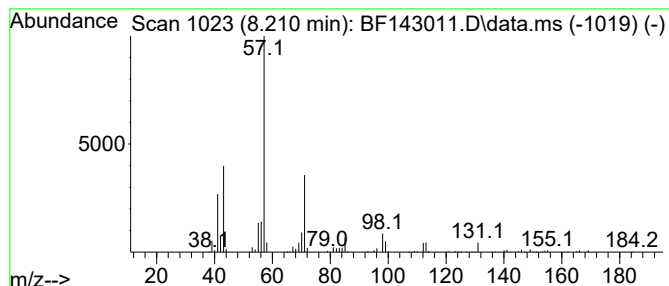
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	8.48 ng	241620	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
4			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
Acq On : 07 Jul 2025 16:18
Operator : RC/JU
Sample : Q2491-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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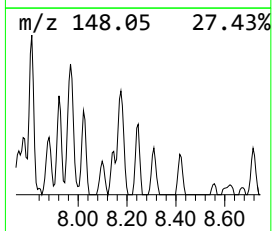
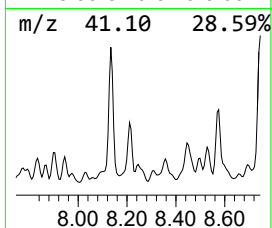
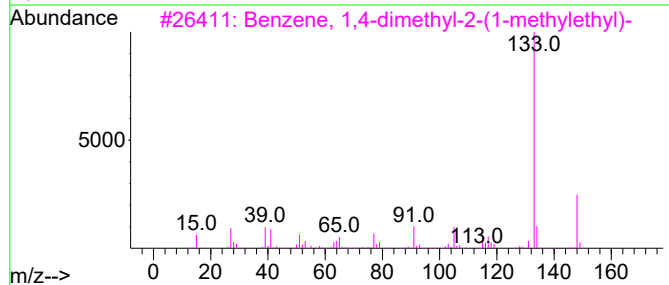
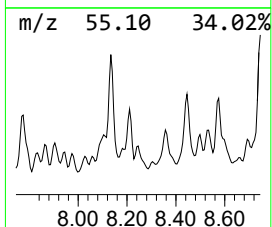
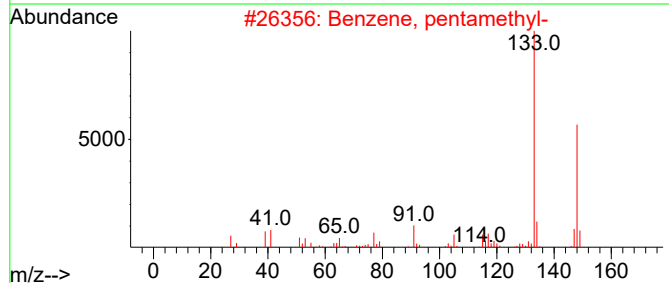
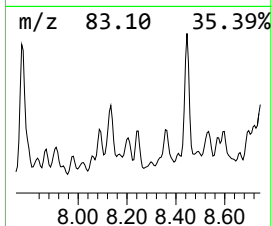
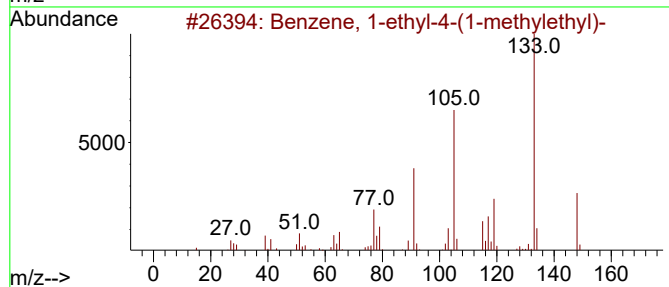
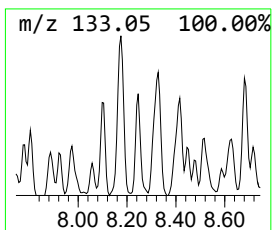
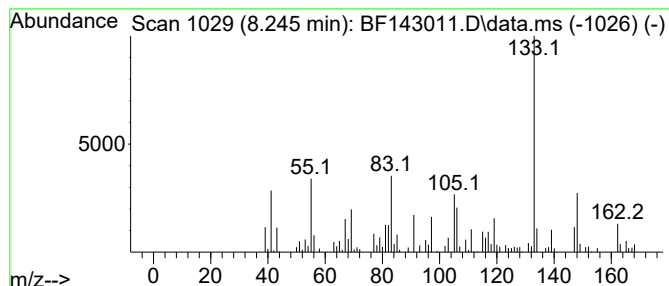
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.245	4.93 ng	140312	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	64
3			Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	64
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	64
5			m-Ethylacetophenone	148	C10H12O	022699-70-3	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
Acq On : 07 Jul 2025 16:18
Operator : RC/JU
Sample : Q2491-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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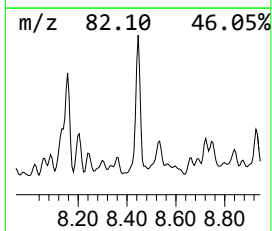
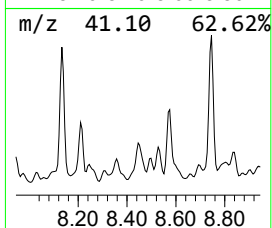
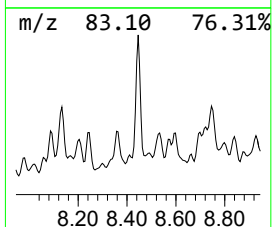
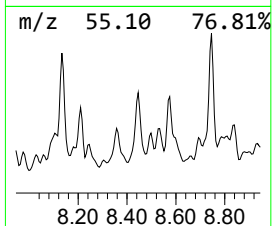
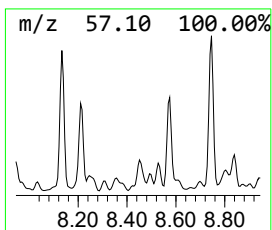
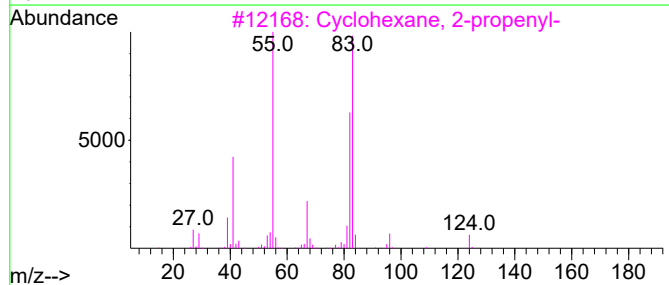
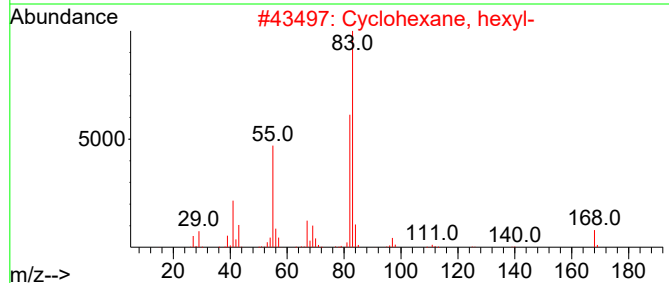
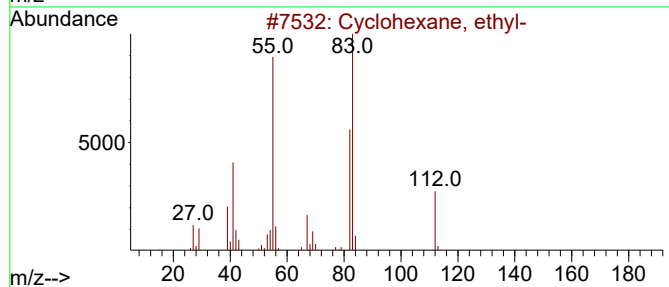
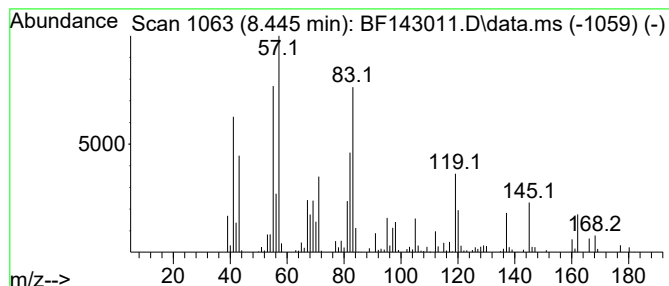
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.445 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	6.73 ng	191781	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	46
2			Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
4			2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	38
5			2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
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ClientSampleId :
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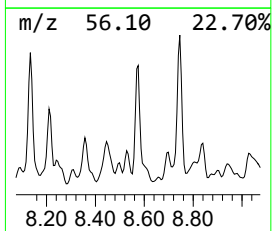
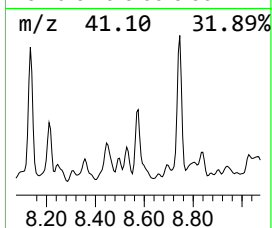
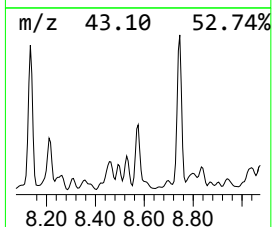
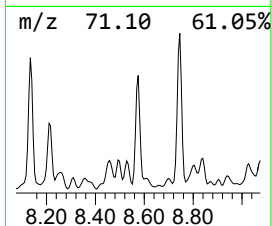
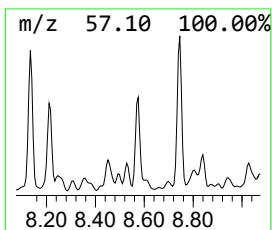
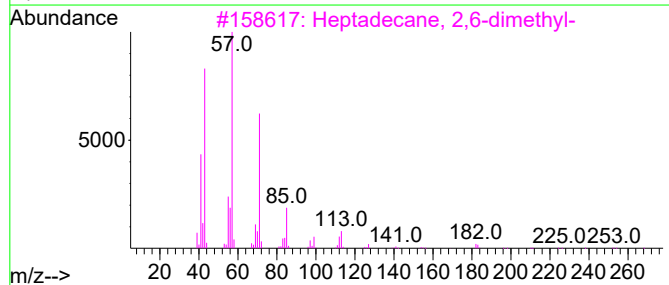
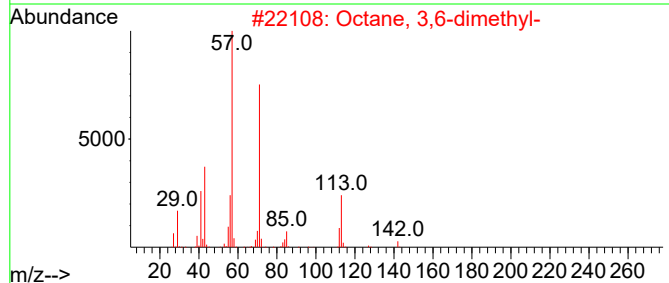
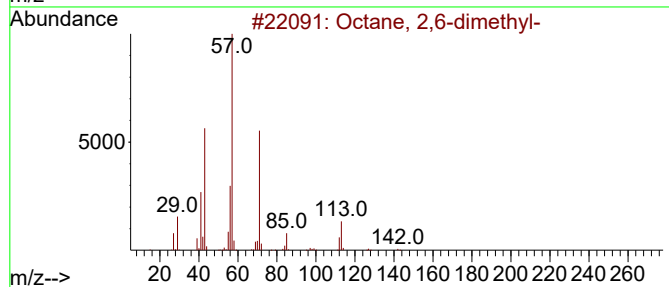
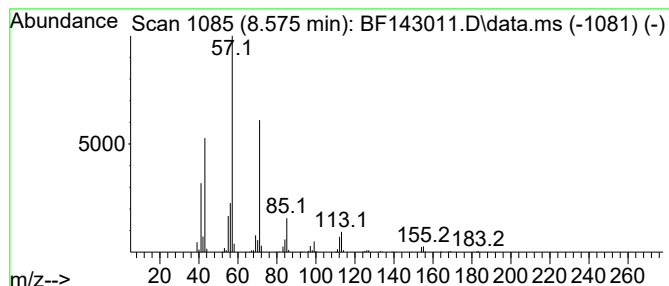
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	11.01 ng	313693	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	53
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
Acq On : 07 Jul 2025 16:18
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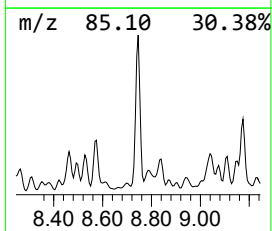
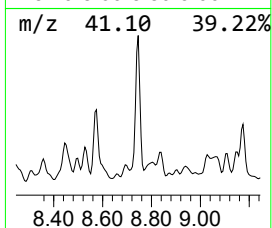
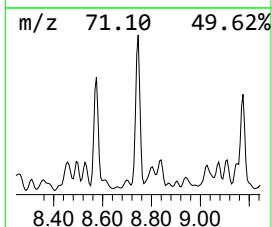
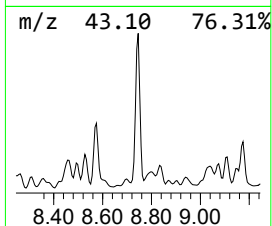
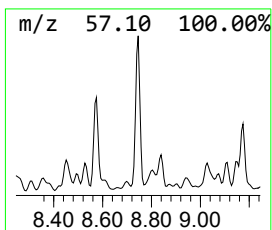
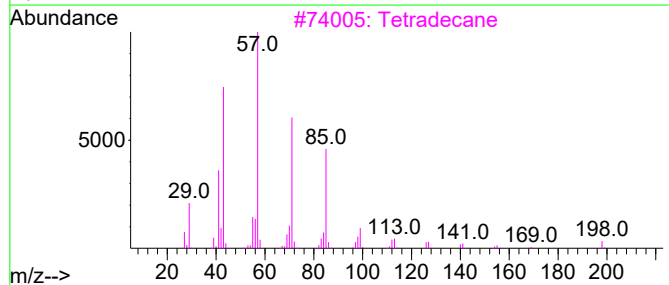
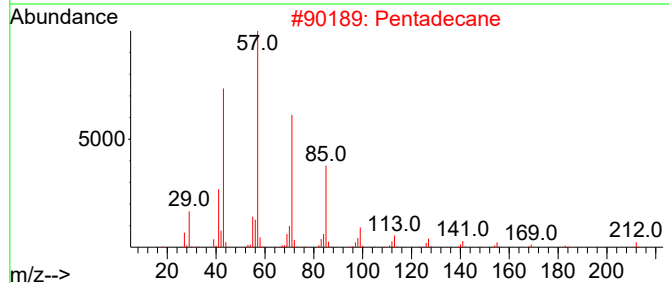
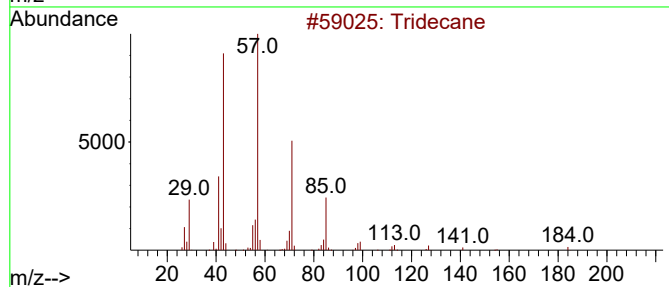
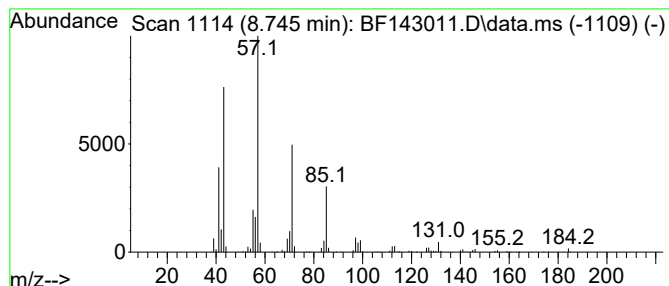
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	19.56 ng	557160	Naphthalene-d8	8.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Pentadecane	212	C15H32	000629-62-9	86
3		Tetradecane	198	C14H30	000629-59-4	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Undecane	156	C11H24	001120-21-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
Acq On : 07 Jul 2025 16:18
Operator : RC/JU
Sample : Q2491-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-1-070225

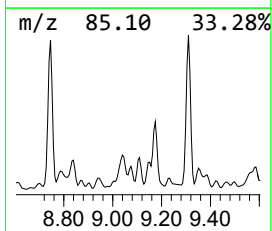
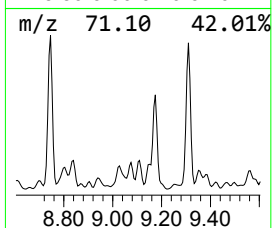
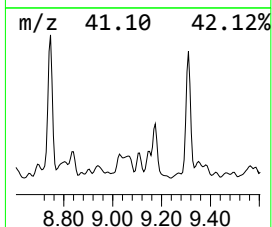
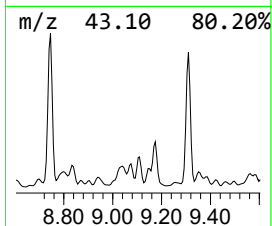
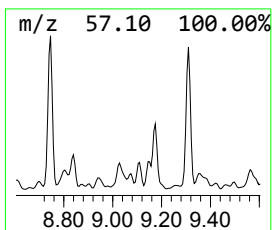
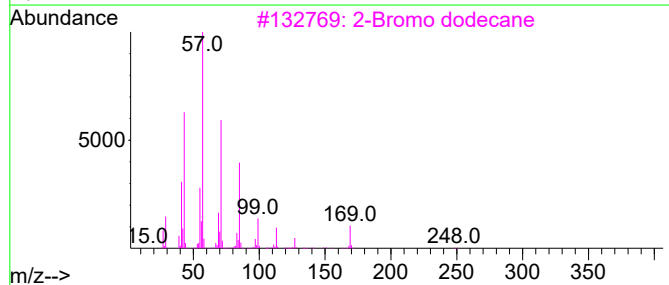
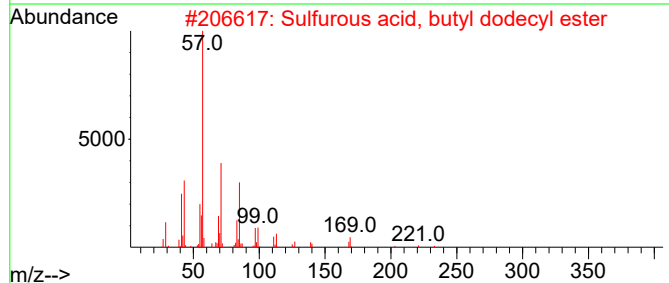
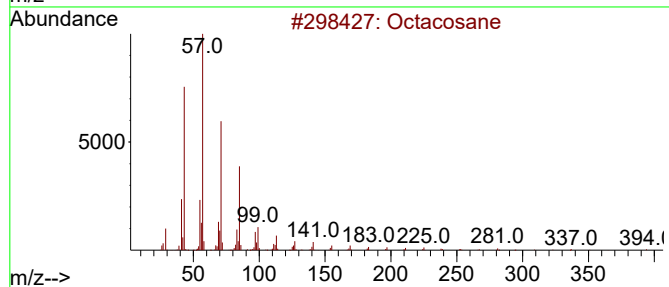
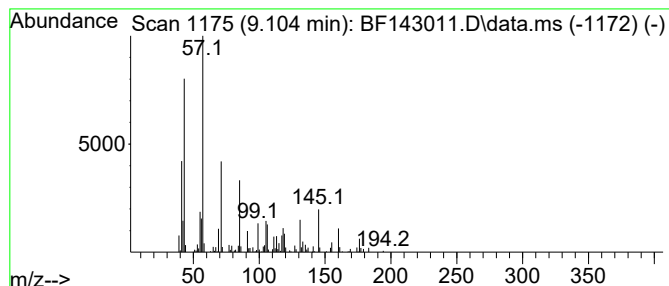
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.104 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	6.83 ng	106668	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	46
2		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	43
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	43
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
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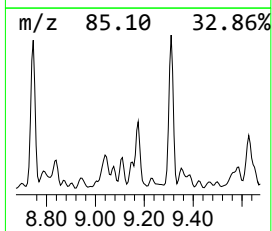
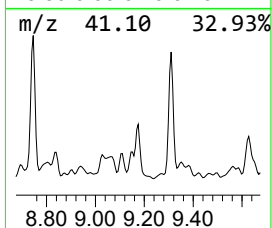
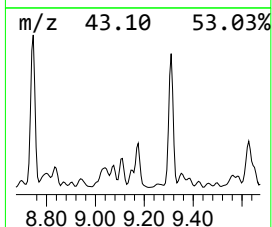
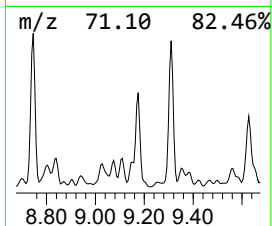
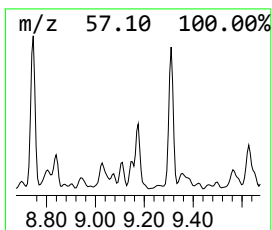
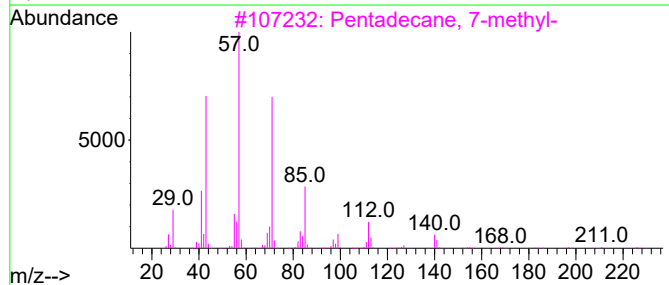
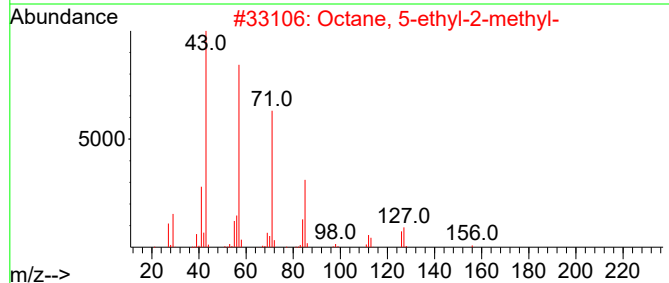
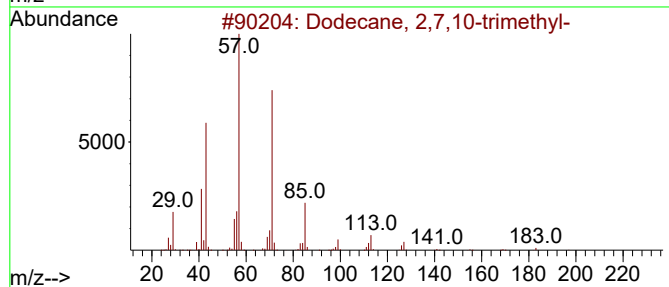
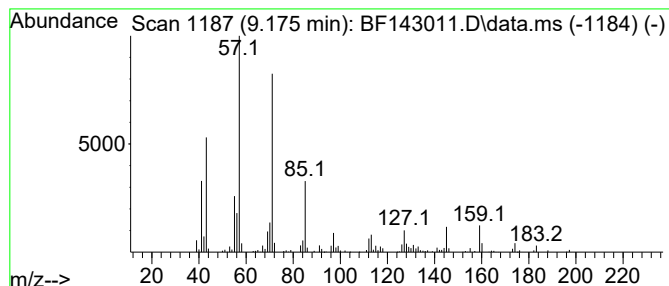
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	18.21 ng	284543	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	50
5		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
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Operator : RC/JU
Sample : Q2491-01 5X
Misc :
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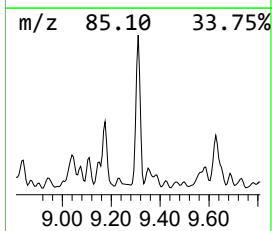
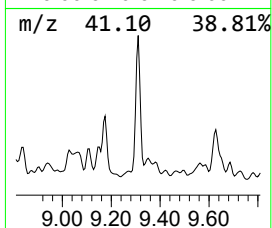
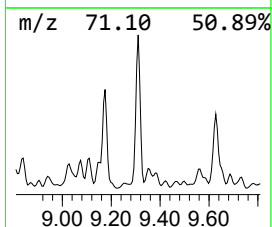
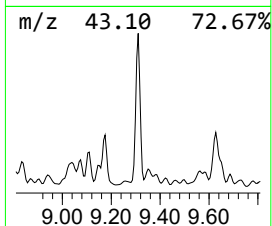
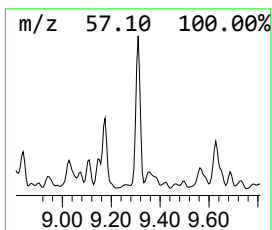
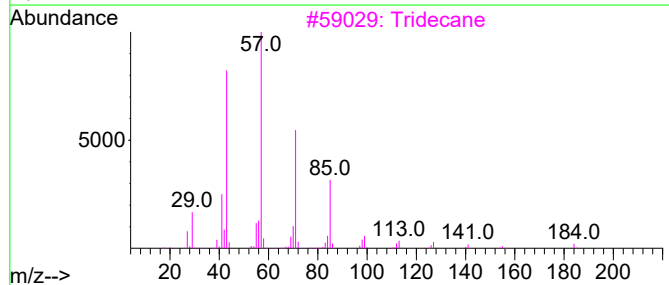
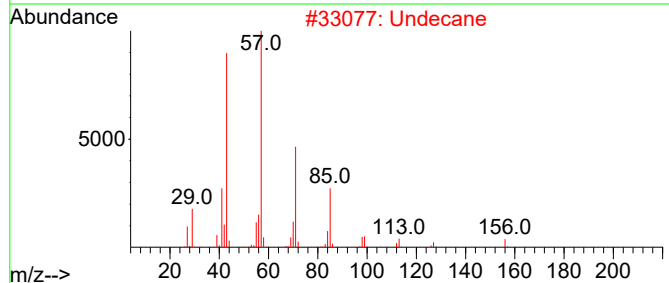
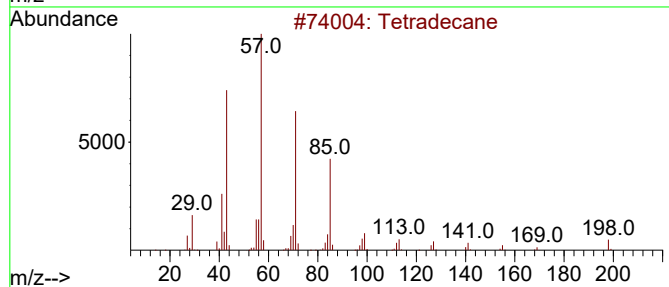
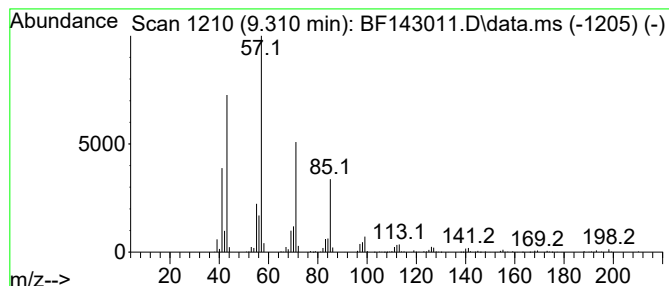
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.310	35.71 ng	557999	Acenaphthene-d10		9.916	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	97
2	Undecane		156	C11H24	001120-21-4	90
3	Tridecane		184	C13H28	000629-50-5	90
4	Hexadecane		226	C16H34	000544-76-3	87
5	Nonadecane		268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
Acq On : 07 Jul 2025 16:18
Operator : RC/JU
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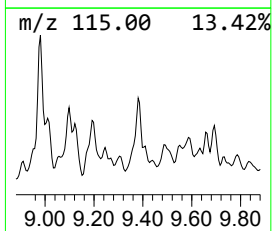
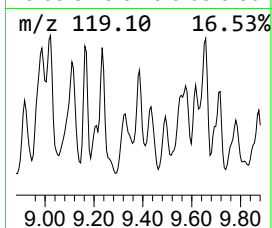
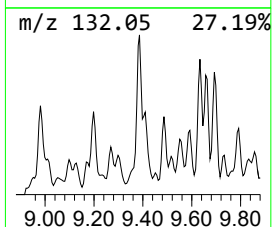
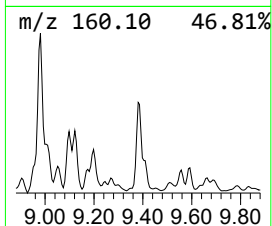
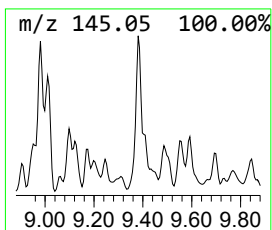
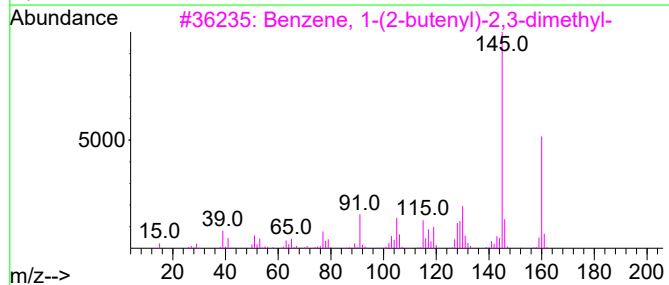
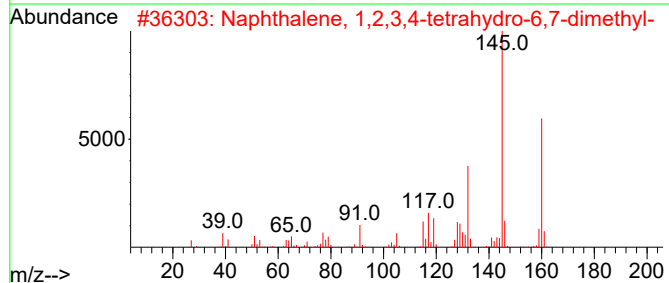
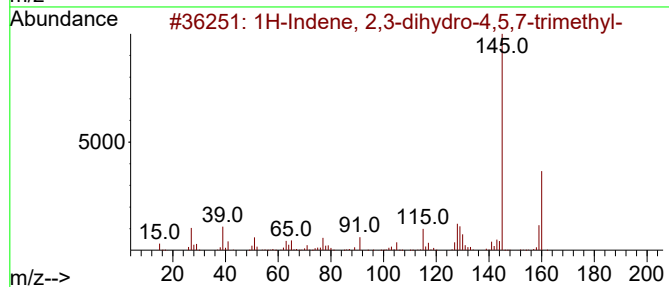
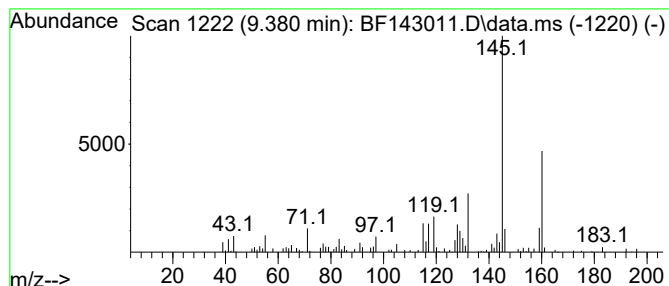
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.380	5.72 ng	89322	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16		006682-06-0	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16		001076-61-5	91
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16		054340-85-1	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16		020027-77-4	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16		021693-54-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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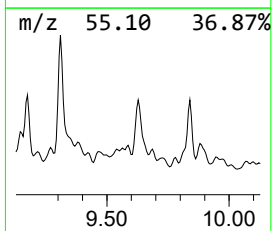
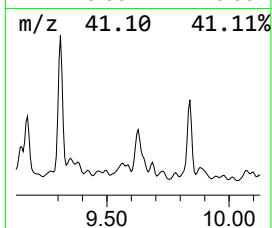
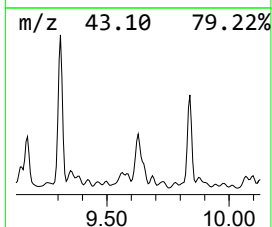
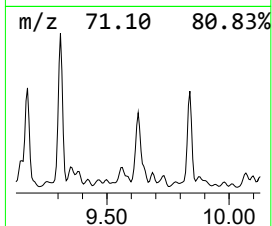
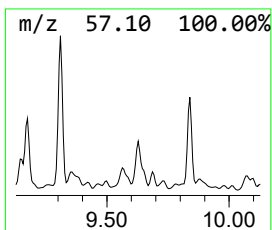
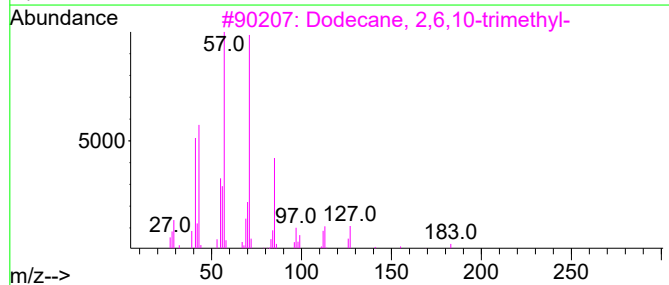
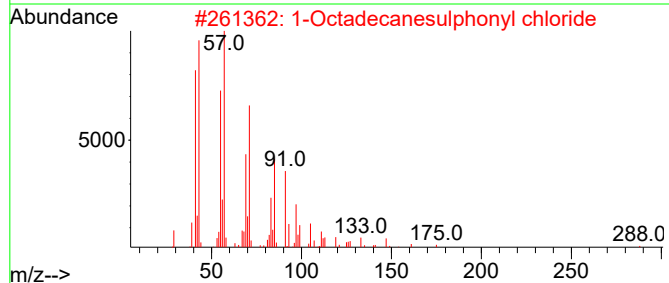
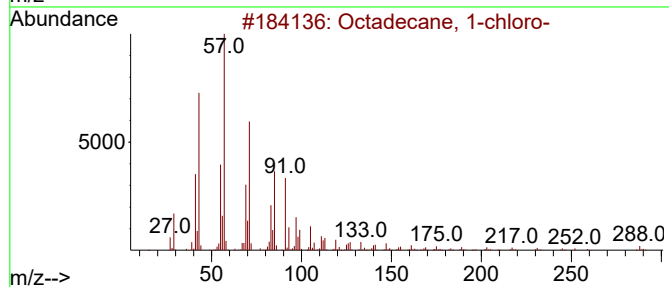
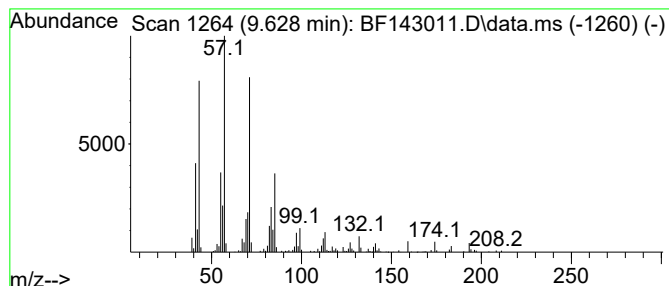
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane, 1-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.628	20.48 ng	320005	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
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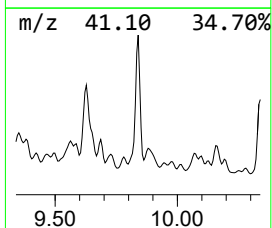
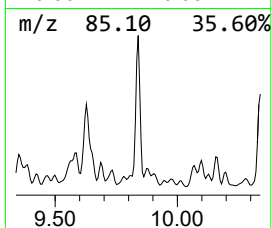
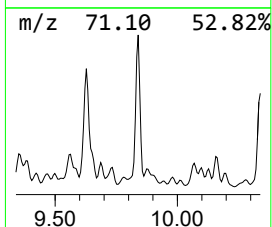
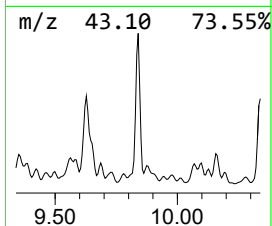
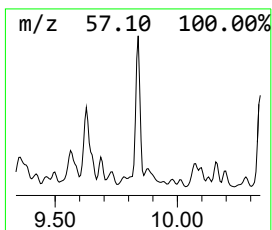
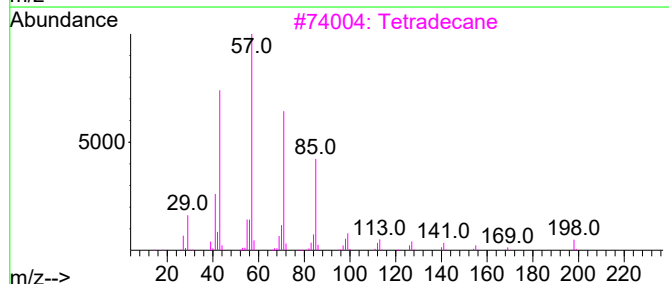
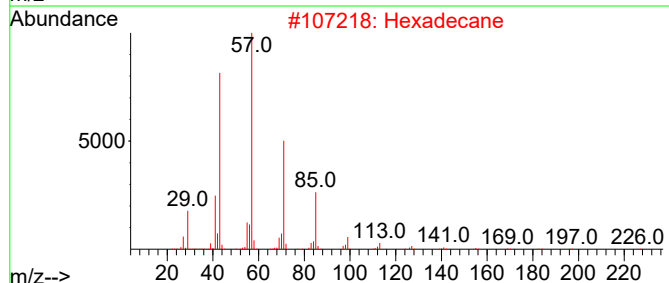
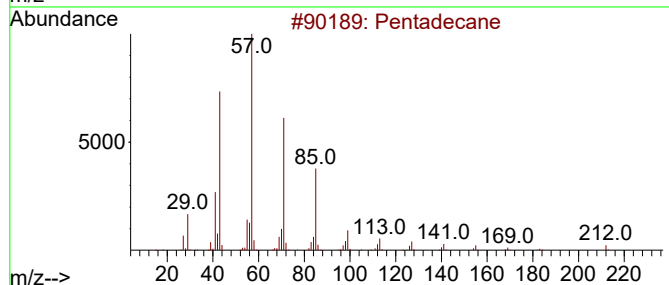
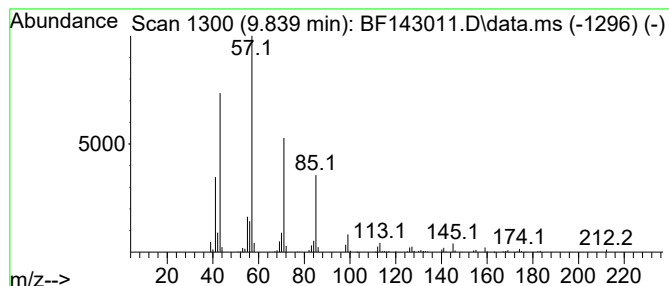
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	19.21 ng	300207	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	95
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
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Misc :
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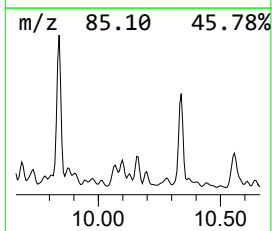
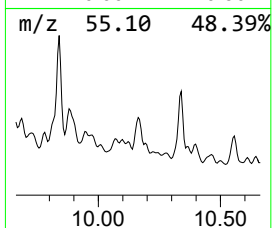
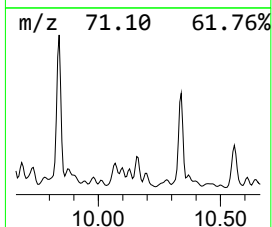
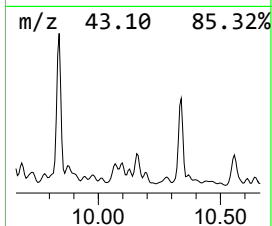
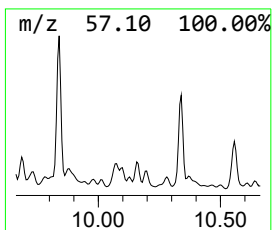
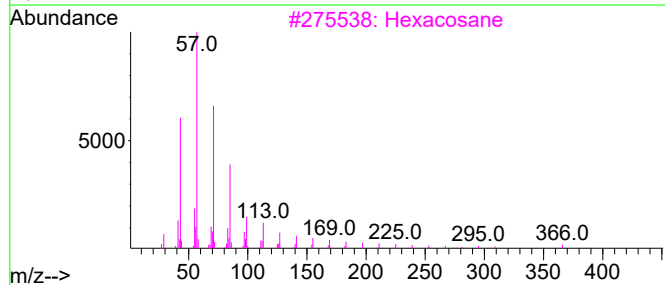
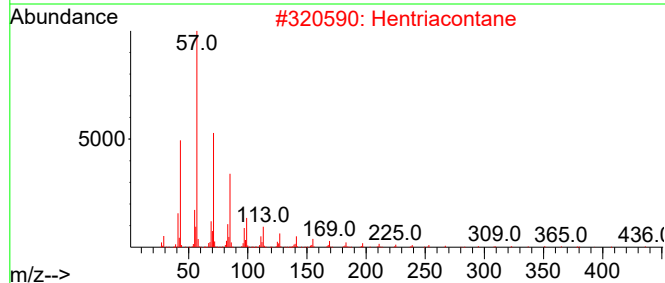
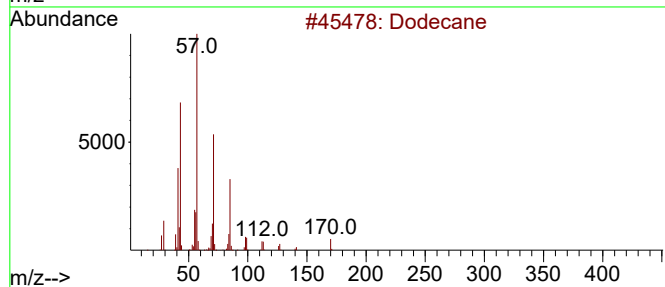
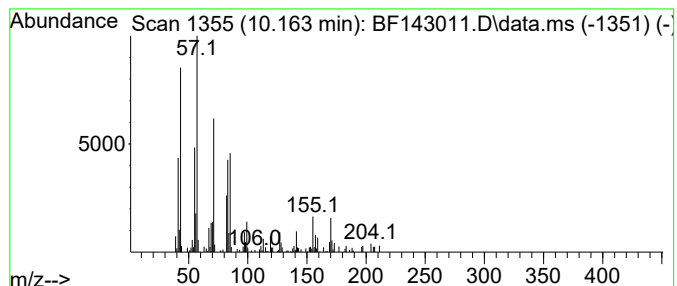
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.163	4.64 ng	72477	Acenaphthene-d10		9.916	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	55
2	Hentriacontane		437	C31H64	000630-04-6	52
3	Hexacosane		366	C26H54	000630-01-3	52
4	Octacosane		394	C28H58	000630-02-4	52
5	Tetracosane		338	C24H50	000646-31-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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Acq On : 07 Jul 2025 16:18
Operator : RC/JU
Sample : Q2491-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

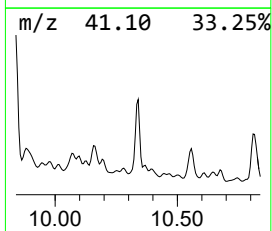
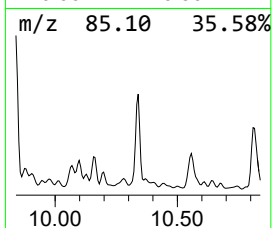
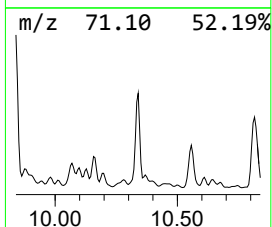
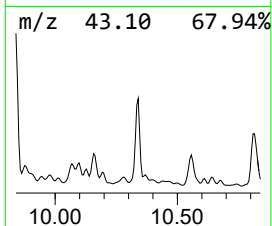
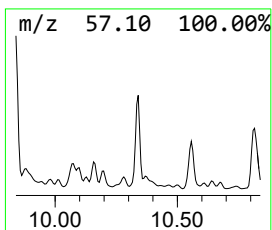
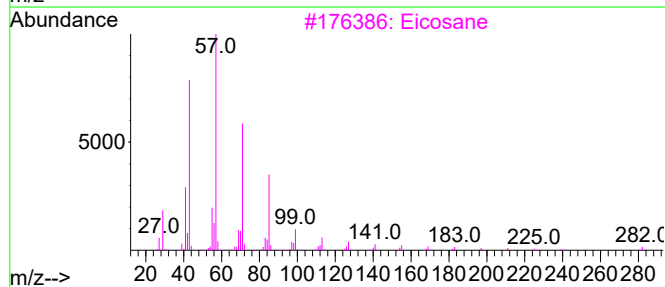
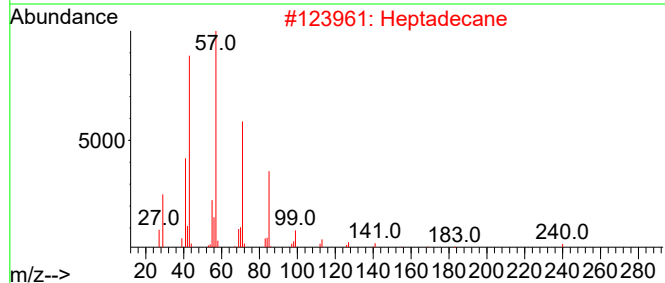
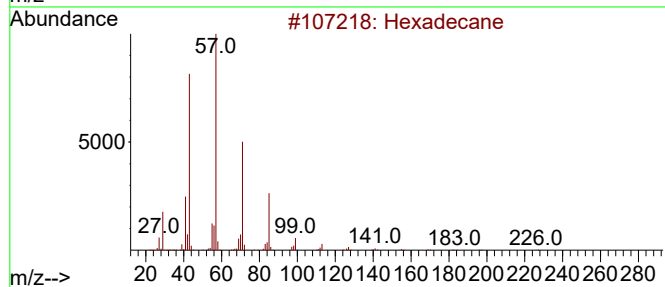
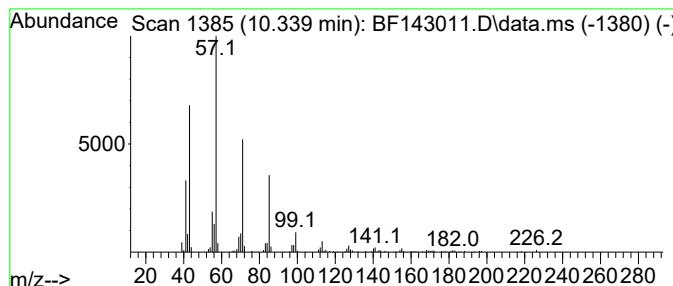
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.339	12.84 ng	200704	Acenaphthene-d10		9.916	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	97
2	Heptadecane		240	C17H36	000629-78-7	87
3	Eicosane		282	C20H42	000112-95-8	87
4	Undecane, 2-methyl-		170	C12H26	007045-71-8	83
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
Acq On : 07 Jul 2025 16:18
Operator : RC/JU
Sample : Q2491-01 5X
Misc :
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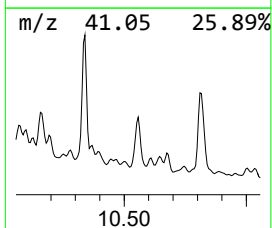
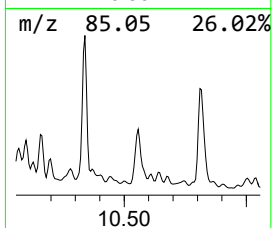
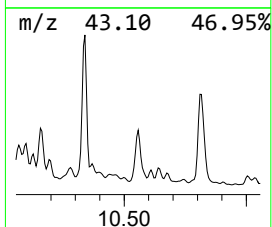
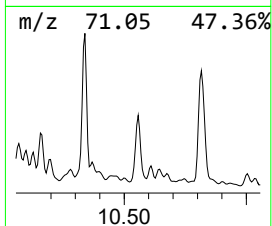
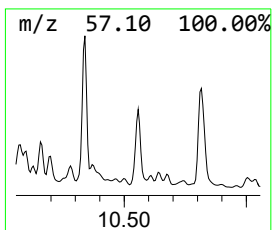
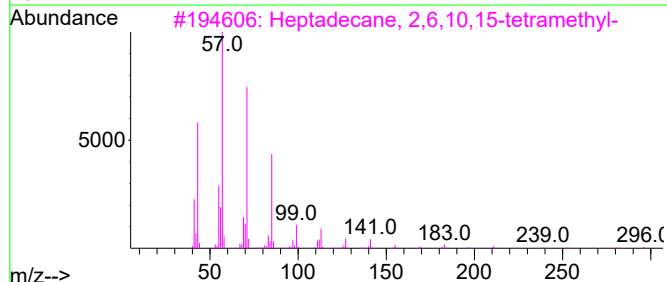
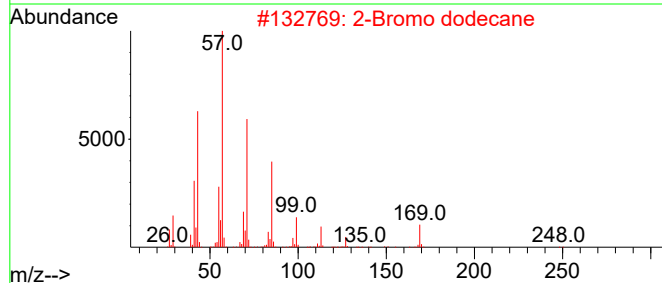
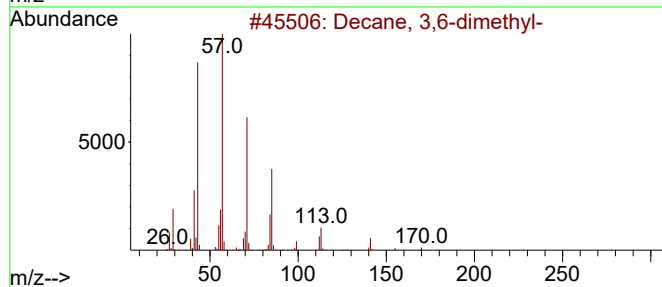
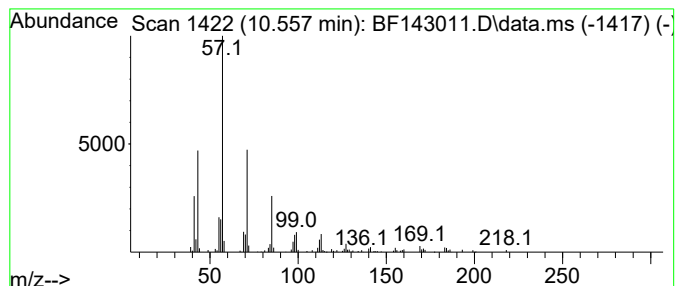
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Decane, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.557	7.92 ng	123712	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	74
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Eicosane	282	C20H42	000112-95-8	72
5	Octadecane	254	C18H38	000593-45-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
Acq On : 07 Jul 2025 16:18
Operator : RC/JU
Sample : Q2491-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-1-070225

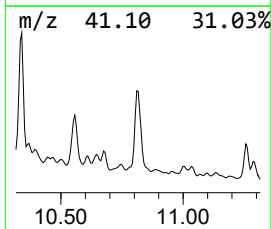
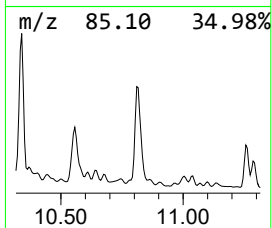
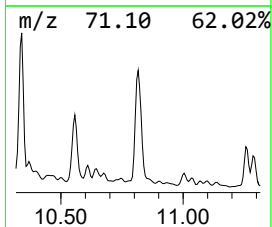
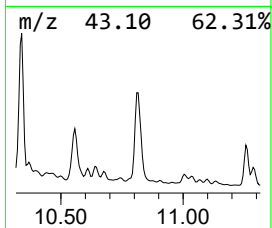
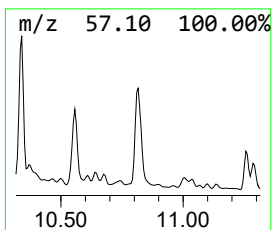
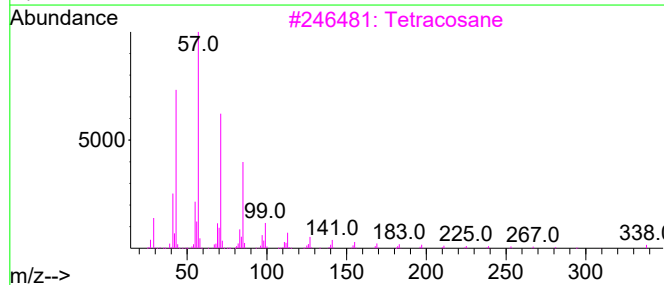
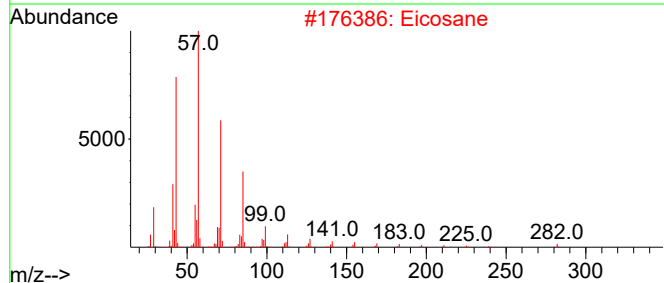
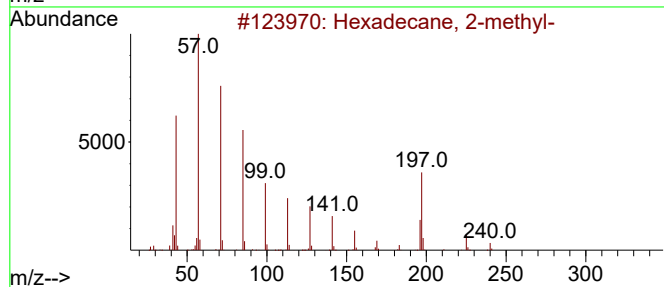
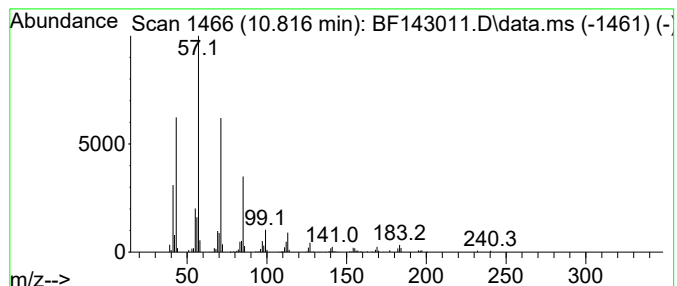
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	12.16 ng	207401	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
2		Eicosane	282	C20H42	000112-95-8	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143011.D
Acq On : 07 Jul 2025 16:18
Operator : RC/JU
Sample : Q2491-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-1-070225

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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	6.704	6.7	ng	133982	1	6.875	398517	20.0
unknown7.139	7.139	5.7	ng	114282	1	6.875	398517	20.0
Decane, 3-methyl-	7.257	7.7	ng	152610	1	6.875	398517	20.0
Cyclohexane, (3...	7.775	5.1	ng	144153	2	8.157	569783	20.0
unknown7.898	7.898	5.3	ng	149703	2	8.157	569783	20.0
Undecane, 2,6-d...	8.210	8.5	ng	241620	2	8.157	569783	20.0
Benzene, 1-ethy...	8.245	4.9	ng	140312	2	8.157	569783	20.0
unknown8.445	8.445	6.7	ng	191781	2	8.157	569783	20.0
Octane, 2,6-dim...	8.575	11.0	ng	313693	2	8.157	569783	20.0
Tridecane	8.745	19.6	ng	557160	2	8.157	569783	20.0
unknown9.104	9.104	6.8	ng	106668	3	9.916	312510	20.0
Dodecane, 2,7,1...	9.175	18.2	ng	284543	3	9.916	312510	20.0
Tetradecane	9.310	35.7	ng	557999	3	9.916	312510	20.0
1H-Indene, 2,3-...	9.380	5.7	ng	89322	3	9.916	312510	20.0
Octadecane, 1-C...	9.628	20.5	ng	320005	3	9.916	312510	20.0
Pentadecane	9.839	19.2	ng	300207	3	9.916	312510	20.0
Dodecane	10.163	4.6	ng	72477	3	9.916	312510	20.0
Hexadecane	10.339	12.8	ng	200704	3	9.916	312510	20.0
Decane, 3,6-dim...	10.557	7.9	ng	123712	3	9.916	312510	20.0
Hexadecane, 2-m...	10.816	12.2	ng	207401	4	11.404	341135	20.0