

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143231.D
 Acq On : 24 Jul 2025 14:01
 Operator : RC/JU
 Sample : Q2668-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

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-BF071725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143231.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.304	12	19	26	rVB	717663	1155031	61.32%	5.026%
2	2.675	68	82	88	rVB2	9169	25230	1.34%	0.110%
3	3.246	161	179	187	rVB	47346	130179	6.91%	0.566%
4	3.622	233	243	253	rBV2	11743	27301	1.45%	0.119%
5	3.781	260	270	276	rBV2	11204	23495	1.25%	0.102%
6	4.110	315	326	331	rBV2	42938	85700	4.55%	0.373%
7	4.234	340	347	351	rBV2	13987	26564	1.41%	0.116%
8	4.363	361	369	373	rBV2	51468	90608	4.81%	0.394%
9	4.404	373	376	381	rVB	31925	45434	2.41%	0.198%
10	4.498	386	392	396	rBV2	22434	37656	2.00%	0.164%
11	4.545	396	400	407	rVB	25622	44297	2.35%	0.193%
12	4.675	414	422	431	rVB4	81031	169992	9.02%	0.740%
13	4.775	431	439	445	rBV	27810	43922	2.33%	0.191%
14	4.916	459	463	467	rBV	16585	21348	1.13%	0.093%
15	4.963	467	471	474	rBV	15996	20606	1.09%	0.090%
16	5.063	481	488	493	rVB2	42945	70765	3.76%	0.308%
17	5.145	493	502	503	rBV4	86368	156417	8.30%	0.681%
18	5.187	506	509	513	rVB	94307	119596	6.35%	0.520%
19	5.275	518	524	528	rVB4	42536	90149	4.79%	0.392%
20	5.322	528	532	533	rBV2	15687	20202	1.07%	0.088%
21	5.410	541	547	554	rBV	119920	209206	11.11%	0.910%
22	5.469	554	557	561	rVB	72207	89836	4.77%	0.391%
23	5.592	565	578	584	rBV	1301574	1883738	100.00%	8.197%
24	5.681	590	593	597	rBV	37326	48389	2.57%	0.211%
25	5.757	602	606	611	rVV4	81667	138973	7.38%	0.605%
26	5.804	611	614	616	rVV	27867	33156	1.76%	0.144%
27	5.840	616	620	627	rVV4	47194	99489	5.28%	0.433%
28	5.910	627	632	637	rVB2	60312	88817	4.71%	0.386%
29	6.004	641	648	652	rBV4	158287	286620	15.22%	1.247%
30	6.051	652	656	660	rBV2	45374	77524	4.12%	0.337%
31	6.140	666	671	675	rVB3	125345	157981	8.39%	0.687%
32	6.181	675	678	681	rBV2	60159	79074	4.20%	0.344%
33	6.234	681	687	693	rVV5	83138	220904	11.73%	0.961%
34	6.281	693	695	698	rVV2	37535	41452	2.20%	0.180%
35	6.316	698	701	708	rVB5	36732	80742	4.29%	0.351%
36	6.416	713	718	722	rBV3	74682	144831	7.69%	0.630%

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

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37	6.510	729	734	740	rBV5	73274	166672	8.85%	0.725%
38	6.581	740	746	751	rVV	1271751	1678609	89.11%	7.304%
39	6.622	751	753	755	rVV	50486	62855	3.34%	0.274%
40	6.645	755	757	761	rVV2	72072	84901	4.51%	0.369%
41	6.722	765	770	773	rVV4	55057	98877	5.25%	0.430%
42	6.751	773	775	779	rVV4	50124	58902	3.13%	0.256%
43	6.798	779	783	785	rVV2	16199	24684	1.31%	0.107%
44	6.828	786	788	792	rVB2	41176	43679	2.32%	0.190%
45	6.892	793	799	802	rBV4	28407	61617	3.27%	0.268%
46	6.963	802	811	818	rVB	574185	795286	42.22%	3.461%
47	7.028	818	822	825	rBV2	32881	43524	2.31%	0.189%
48	7.081	825	831	833	rBV3	34884	66521	3.53%	0.289%
49	7.110	833	836	839	rVV2	37052	44070	2.34%	0.192%
50	7.145	839	842	847	rVB2	89884	109826	5.83%	0.478%
51	7.192	847	850	853	rBV3	18120	23554	1.25%	0.102%
52	7.239	855	858	862	rVB2	41873	53531	2.84%	0.233%
53	7.363	875	879	882	rBV2	51979	69905	3.71%	0.304%
54	7.445	890	893	896	rVB2	24085	26877	1.43%	0.117%
55	7.510	896	904	909	rBV	823343	1187492	63.04%	5.167%
56	7.604	916	920	925	rVB4	70596	110188	5.85%	0.479%
57	7.663	925	930	933	rBV3	41001	71948	3.82%	0.313%
58	7.769	941	948	951	rBV5	90381	149210	7.92%	0.649%
59	7.839	955	960	965	rBV5	60513	115852	6.15%	0.504%
60	7.886	965	968	975	rVB5	98945	119450	6.34%	0.520%
61	8.063	994	998	1004	rBV5	63252	119347	6.34%	0.519%
62	8.122	1004	1008	1011	rBV3	63136	101335	5.38%	0.441%
63	8.239	1023	1028	1033	rBV	693647	927365	49.23%	4.035%
64	8.339	1041	1045	1051	rVB6	74843	130871	6.95%	0.569%
65	8.398	1051	1055	1057	rBV	65413	89150	4.73%	0.388%
66	8.451	1061	1064	1071	rVB3	133205	230630	12.24%	1.004%
67	8.592	1085	1088	1091	rBV3	64808	86604	4.60%	0.377%
68	8.663	1097	1100	1103	rBV	188444	282261	14.98%	1.228%
69	8.751	1112	1115	1118	rBV	71505	84407	4.48%	0.367%
70	8.792	1118	1122	1125	rBV2	136602	209073	11.10%	0.910%
71	9.028	1159	1162	1168	rBV5	105442	173580	9.21%	0.755%
72	9.128	1176	1179	1181	rBV2	73895	98690	5.24%	0.429%
73	9.263	1199	1202	1206	rVV	260895	317990	16.88%	1.384%
74	9.310	1206	1210	1215	rVB	973099	1262532	67.02%	5.494%
75	9.404	1221	1226	1230	rBV3	303398	487282	25.87%	2.120%
76	9.716	1275	1279	1283	rBV3	576442	813505	43.19%	3.540%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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77	9.869	1302	1305	1308	rBV2	148468	213105	11.31%	0.927%
78	9.916	1310	1313	1316	rVB	198111	245109	13.01%	1.067%
79	9.998	1322	1327	1331	rVB	632225	890772	47.29%	3.876%
80	10.704	1444	1447	1451	rVB	141125	167822	8.91%	0.730%
81	10.780	1456	1460	1464	rBV	530359	666076	35.36%	2.898%
82	10.916	1479	1483	1490	rVB	237294	369023	19.59%	1.606%
83	11.480	1575	1579	1585	rBV	514875	656831	34.87%	2.858%
84	12.004	1665	1668	1672	rBV	173229	200175	10.63%	0.871%
85	12.345	1723	1726	1733	rVB	248973	328035	17.41%	1.427%
86	13.063	1844	1848	1853	rBV	817812	1008439	53.53%	4.388%
87	14.121	2024	2028	2034	rVB	560147	706108	37.48%	3.073%
88	15.627	2280	2284	2297	rVB	423364	762059	40.45%	3.316%

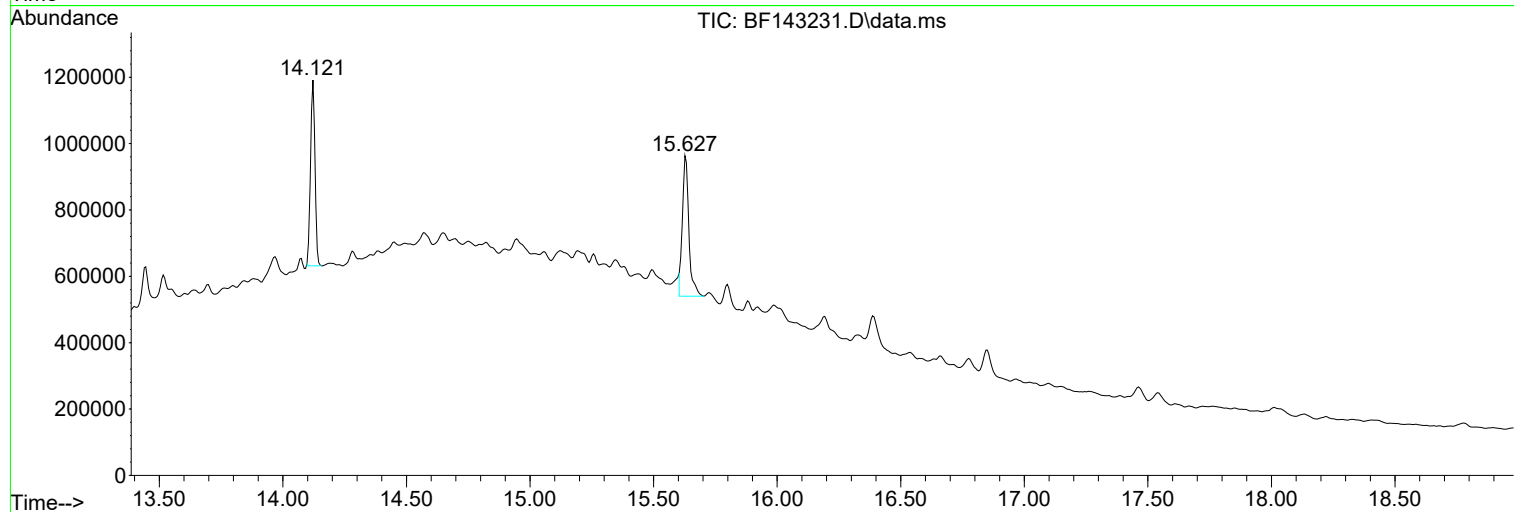
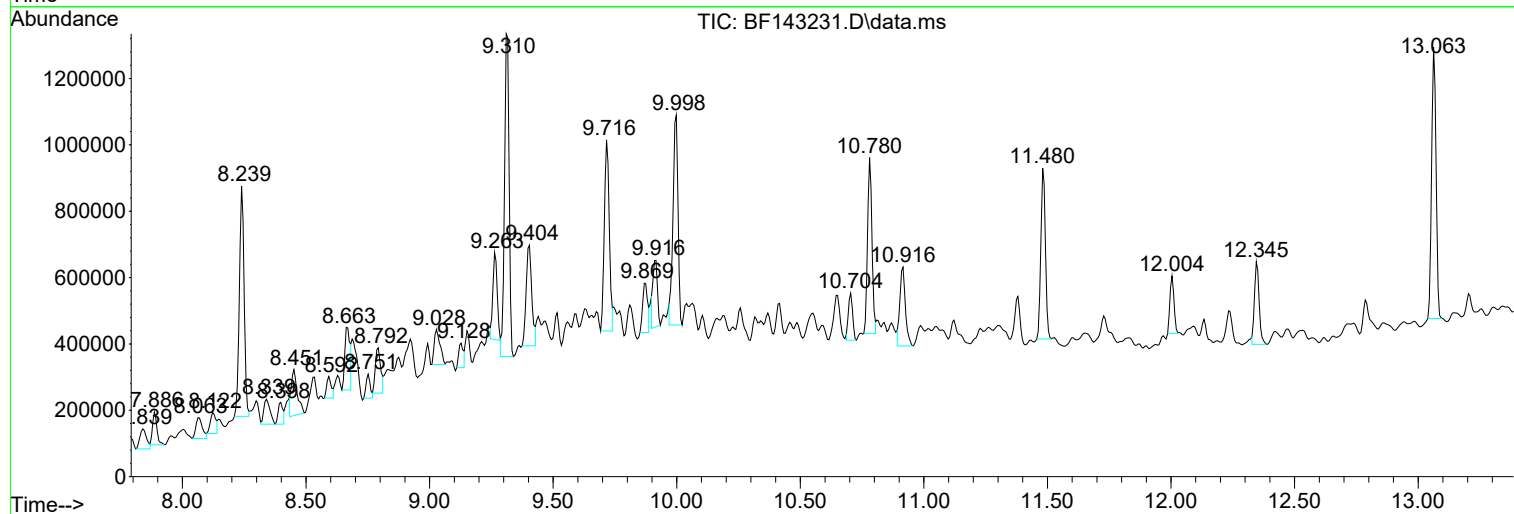
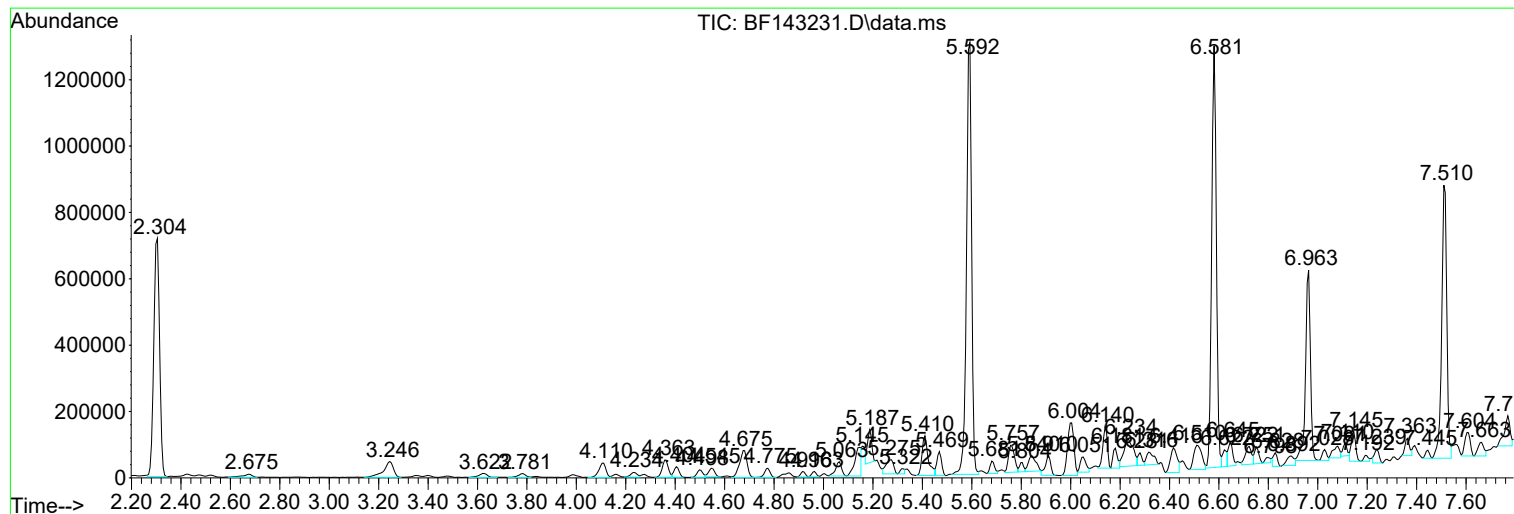
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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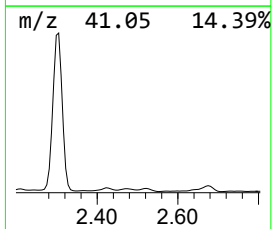
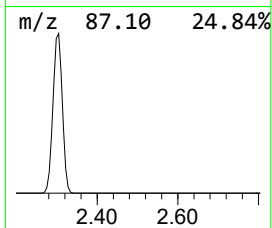
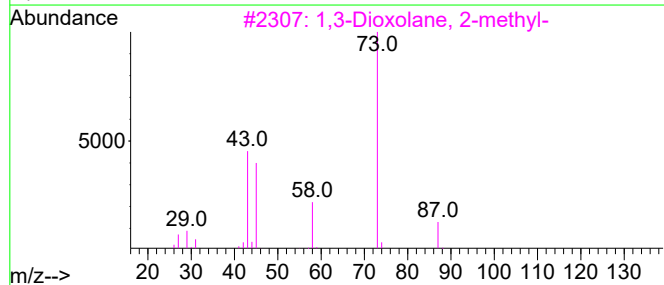
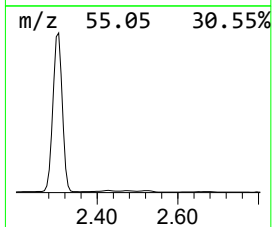
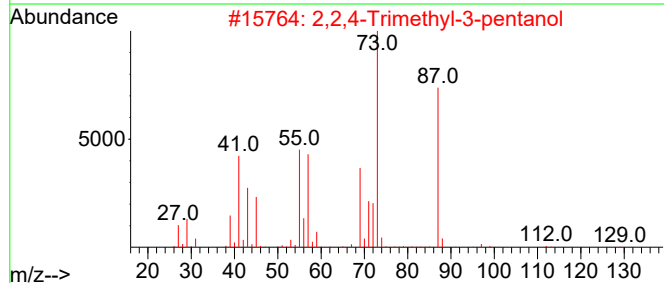
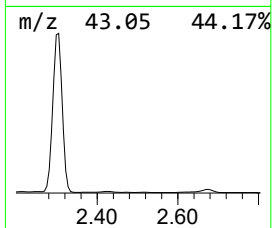
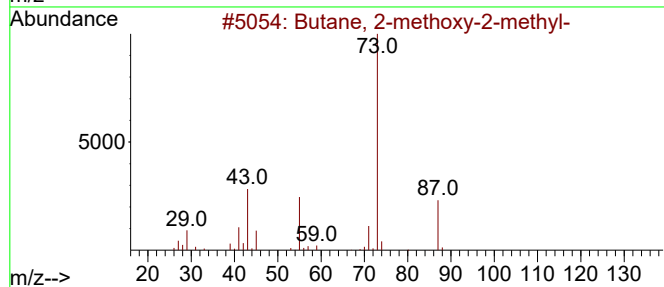
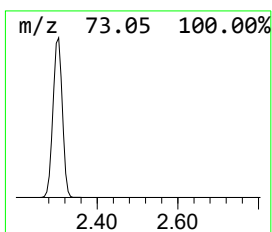
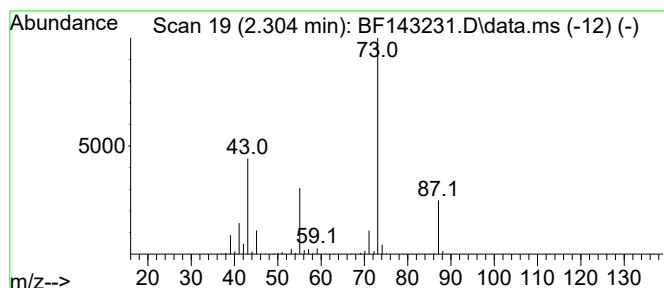
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.304	29.05 ng	1155030	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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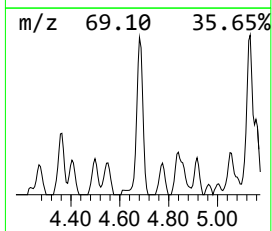
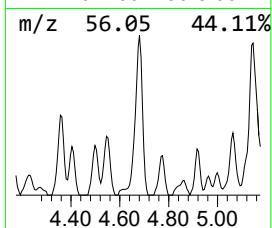
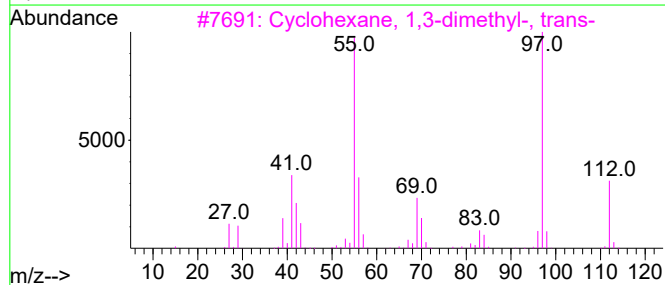
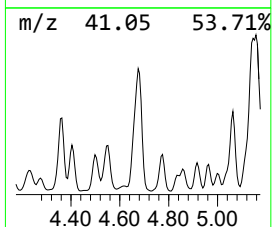
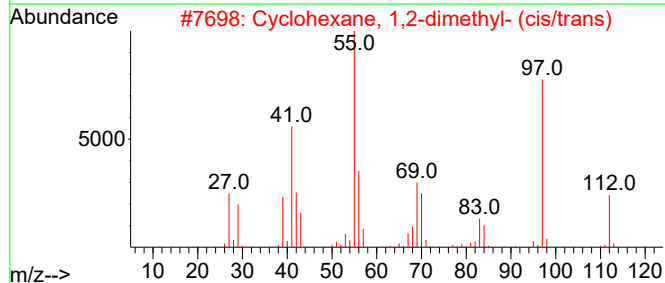
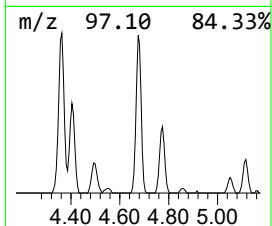
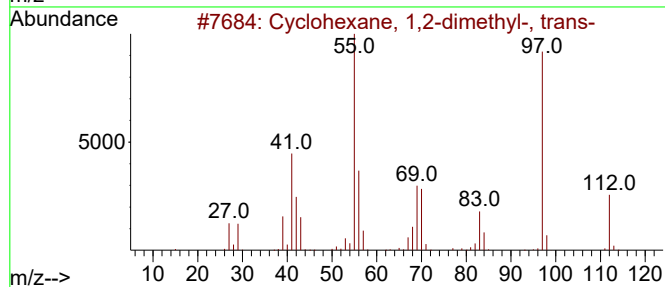
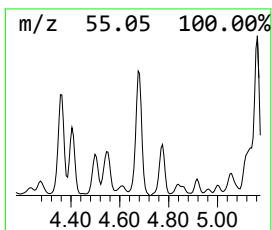
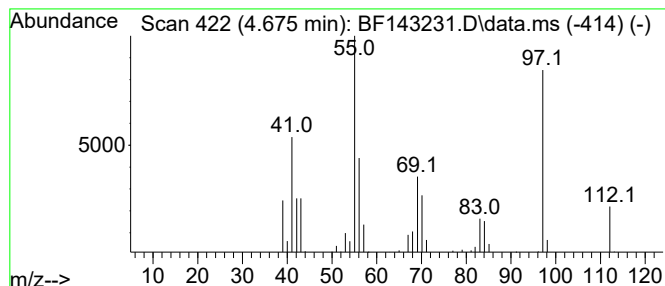
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.675	4.27 ng	169992	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
4			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	72
5			2-Pyrazoline, 1,4,5-trimethyl-	112	C6H12N2	007423-11-2	64



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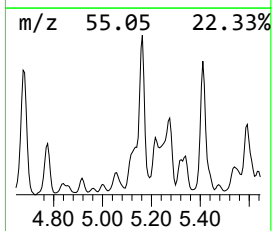
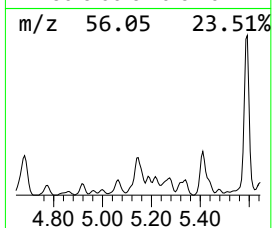
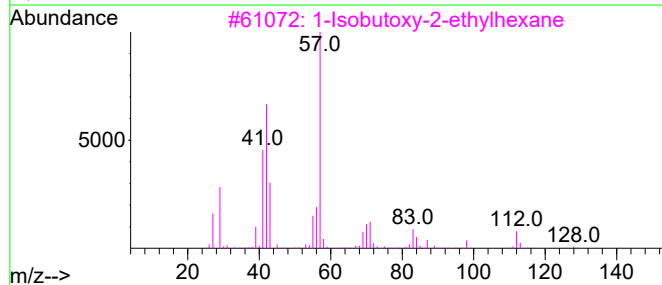
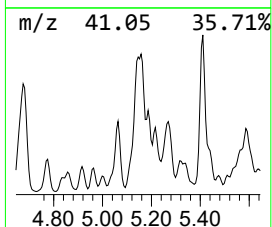
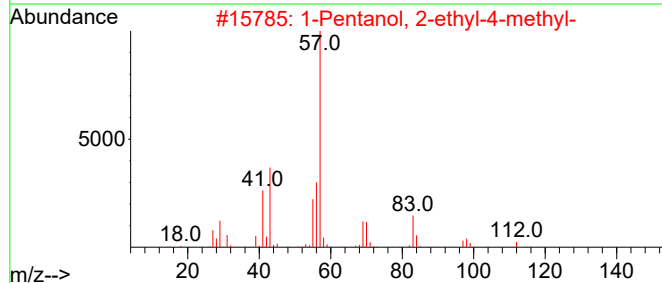
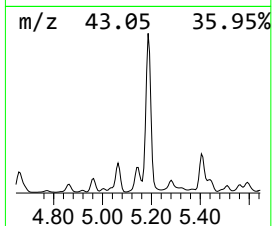
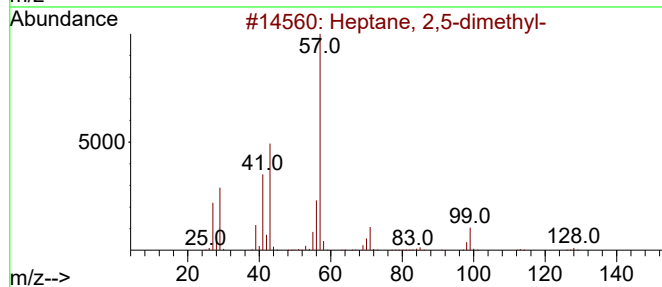
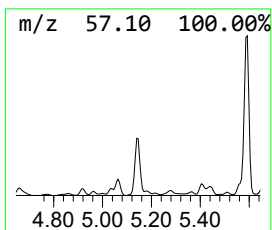
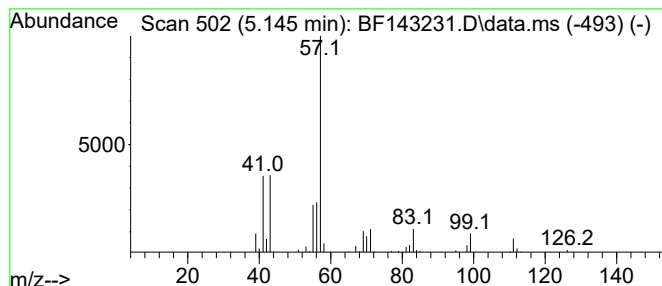
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Heptane, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.145	3.93 ng	156417	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
2			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
3			1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	53
4			Octane, 3-methyl-	128	C9H20	002216-33-3	50
5			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	49



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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
TP-2

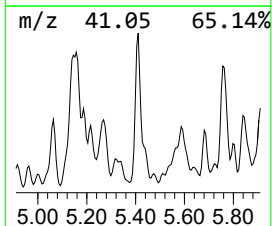
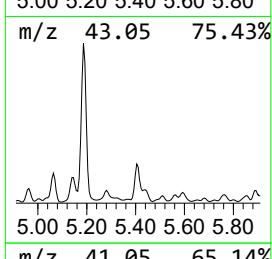
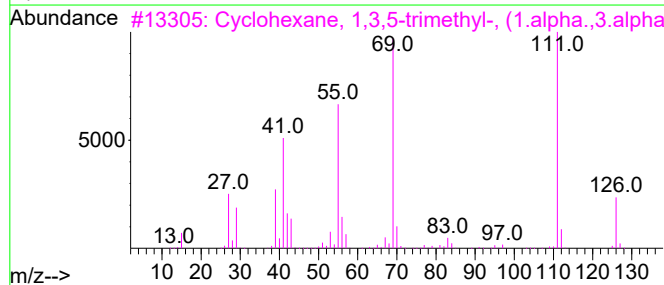
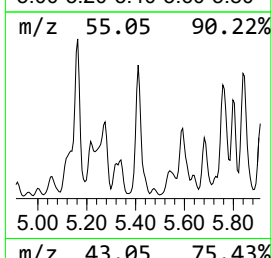
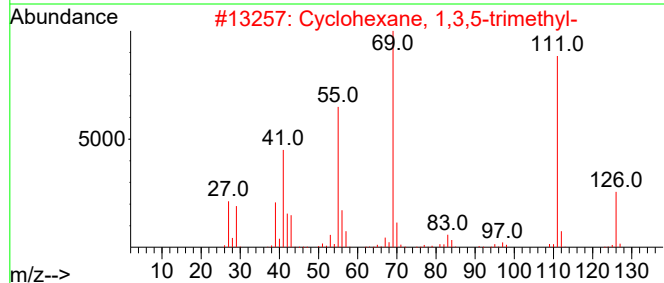
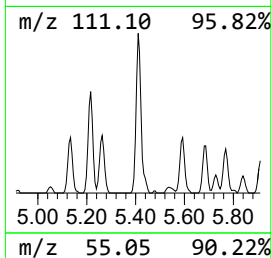
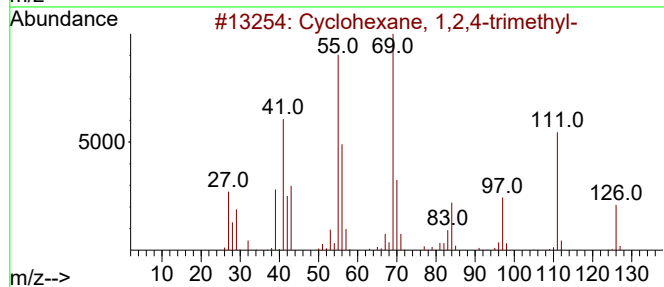
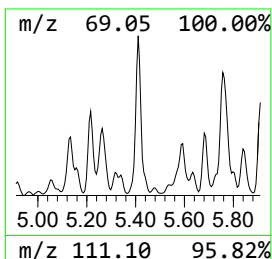
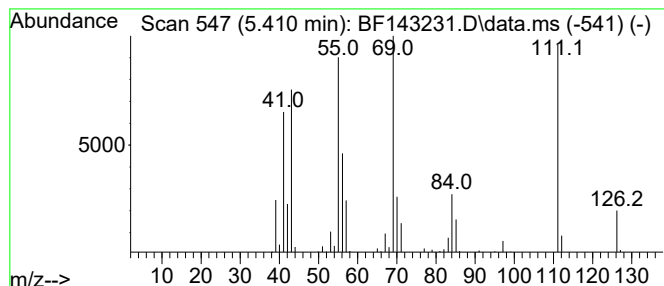
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 1,2,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.410	5.26 ng	209206	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	58
3			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	58
4			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	49
5			Pentane, 3-methylene-	84	C6H12	000760-21-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
Operator : RC/JU
Sample : Q2668-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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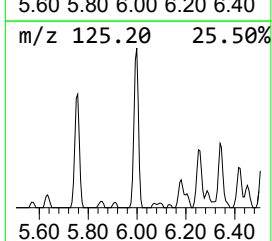
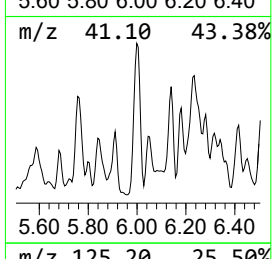
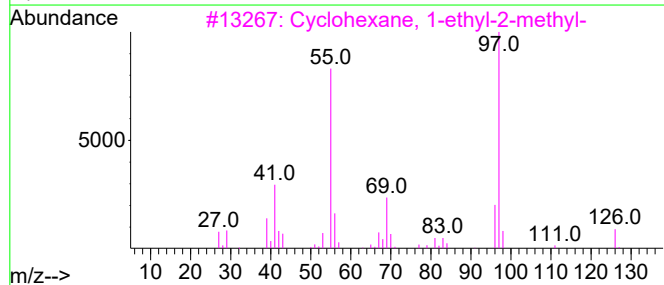
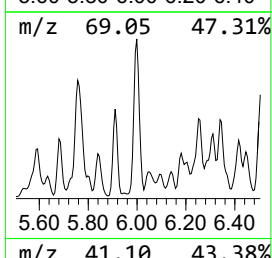
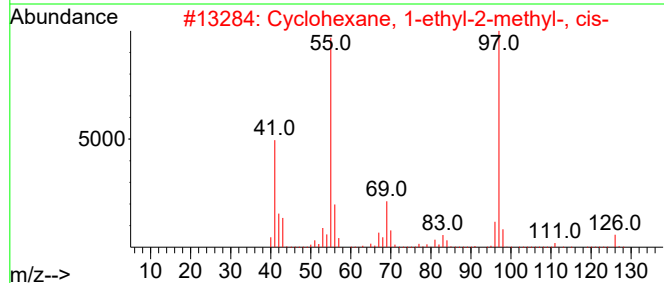
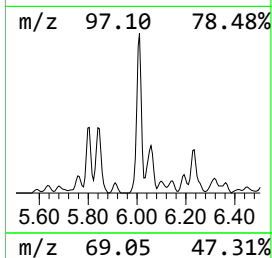
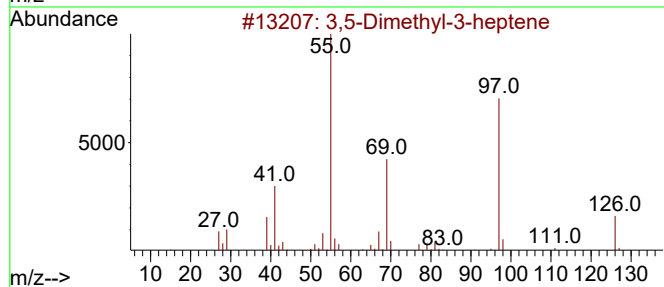
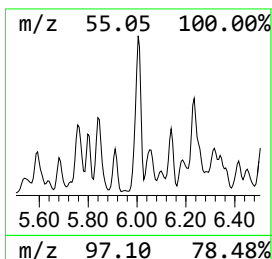
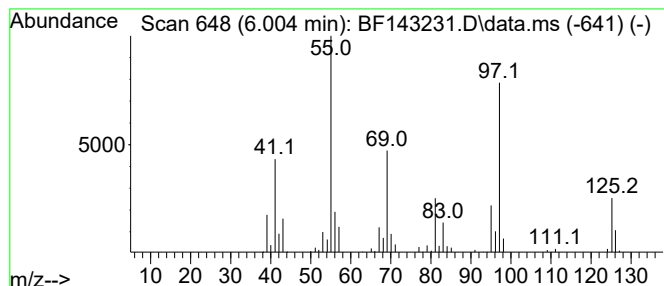
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 3,5-Dimethyl-3-heptene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.004	7.21 ng	286620	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	58
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
Operator : RC/JU
Sample : Q2668-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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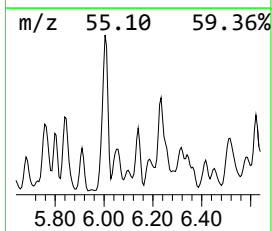
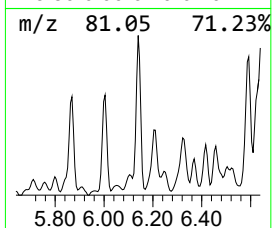
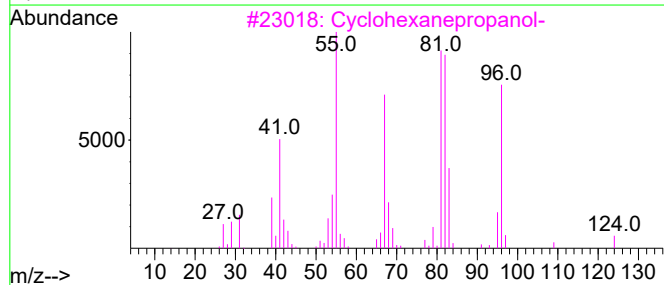
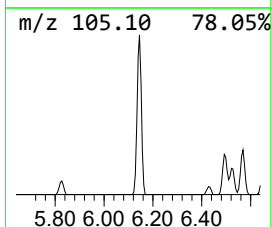
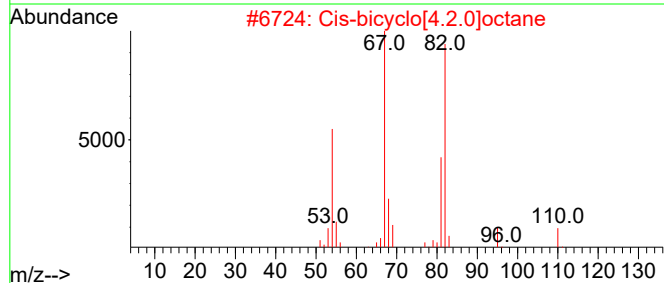
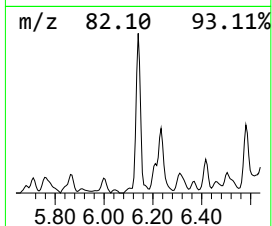
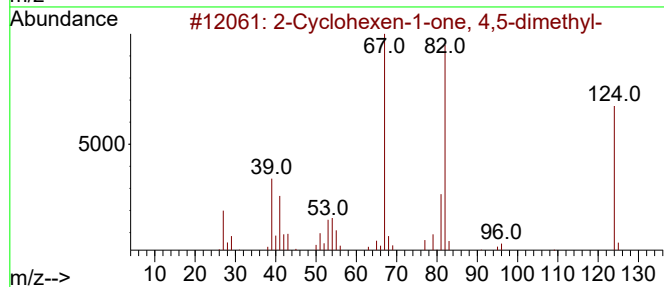
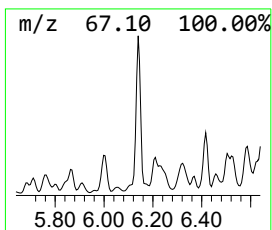
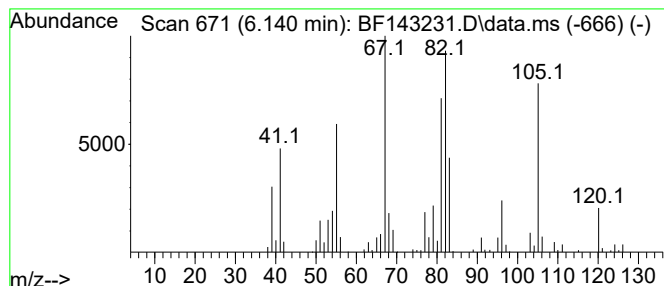
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.140 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.140	3.97 ng	157981	1,4-Dichlorobenzene-d4	6.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	47
2		Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	47
3		Cyclohexanepropanol-	142	C9H18O	001124-63-6	46
4		2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	43
5		7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
Operator : RC/JU
Sample : Q2668-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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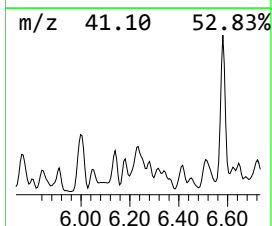
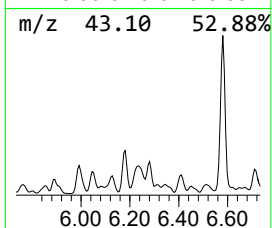
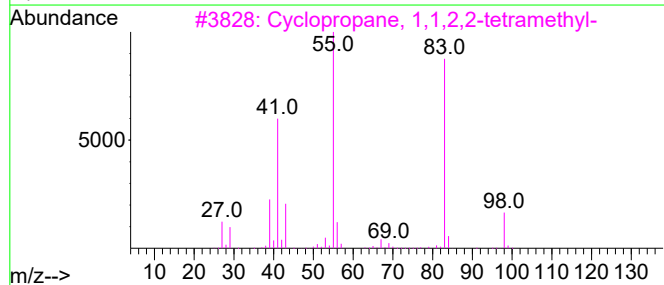
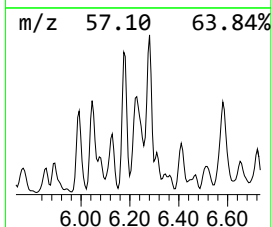
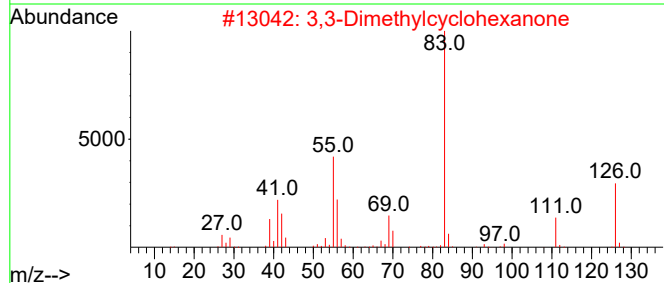
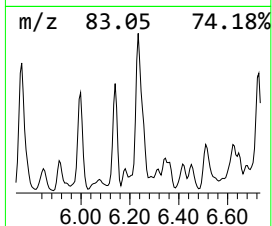
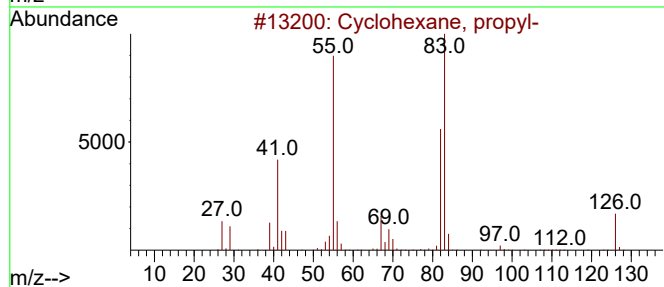
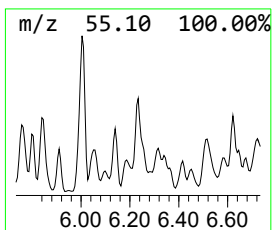
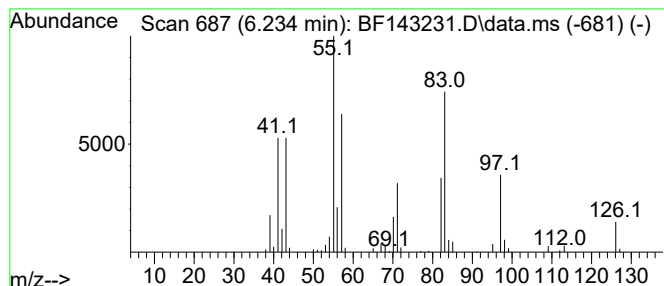
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.234 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.234	5.56 ng	220904	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	49
2			3,3-Dimethylcyclohexanone	126	C8H14O	002979-19-3	43
3			Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	43
4			Bis(2-ethylhexyl) hydrogen phosph...	306	C16H35O3P	003658-48-8	22
5			3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
Operator : RC/JU
Sample : Q2668-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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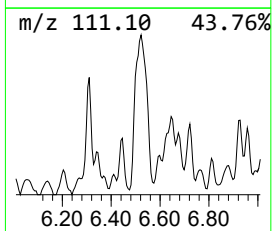
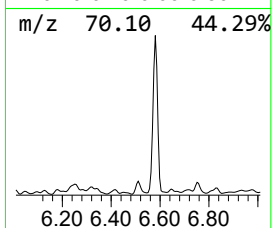
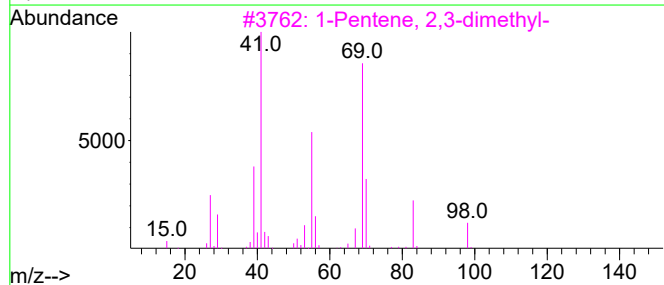
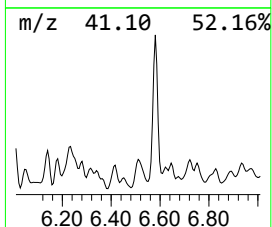
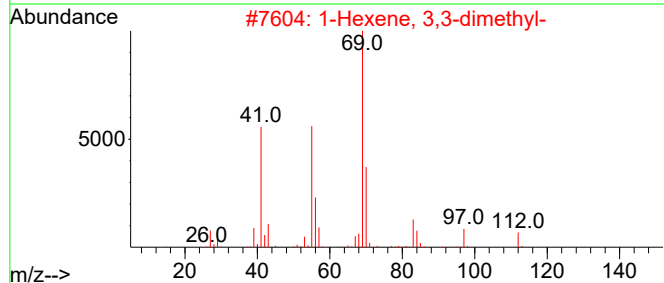
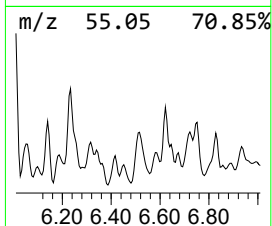
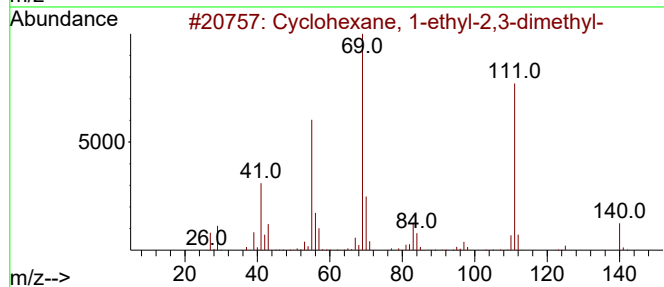
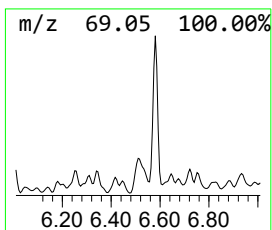
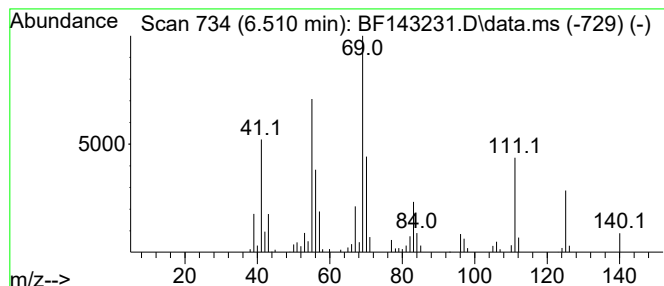
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown6.510 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.510	4.19 ng	166672	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	47
2			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
3			1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	43
4			4-Methyl-2-heptene	112	C8H16	003404-56-6	38
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

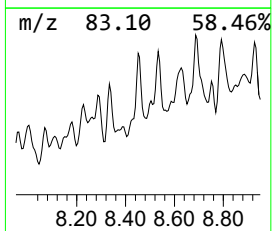
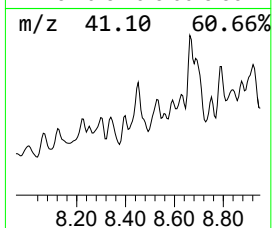
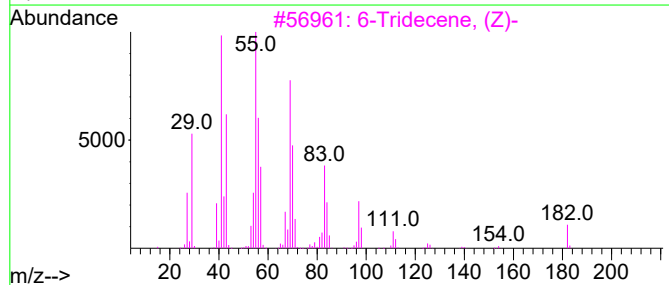
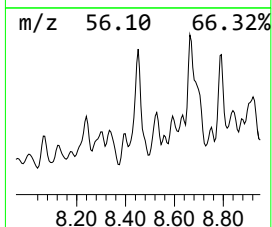
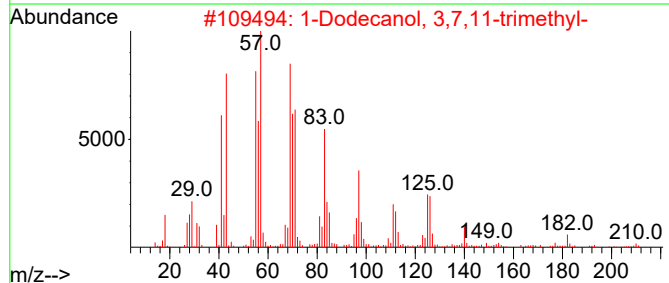
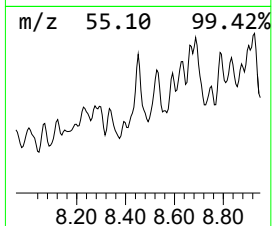
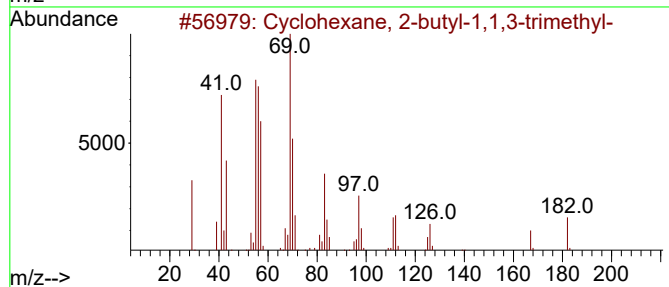
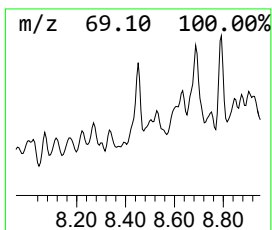
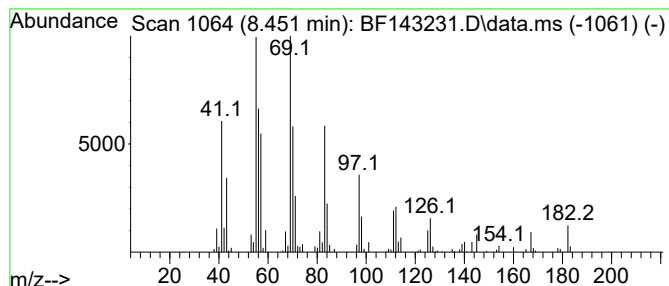
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.451	4.97 ng	230630	Naphthalene-d8	8.239	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	90
3	6-Tridecene, (Z)-	182	C13H26	006508-77-6	87
4	3-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-5	83
5	6-Tridecene, (E)-	182	C13H26	006434-76-0	83



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ALS Vial : 10 Sample Multiplier: 1

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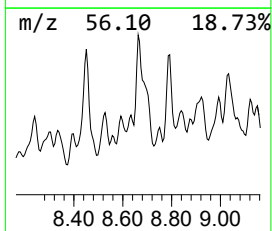
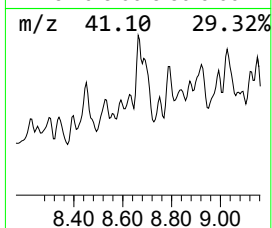
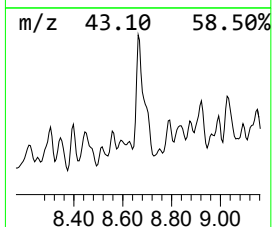
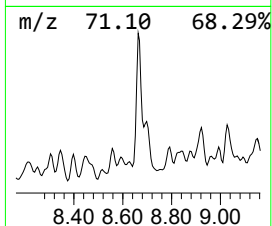
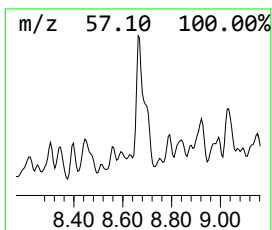
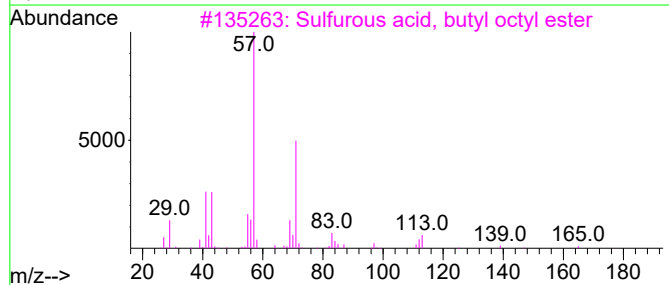
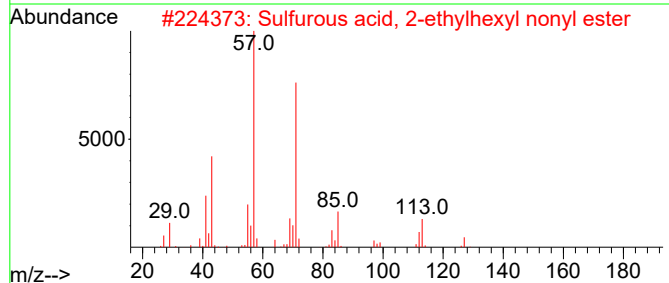
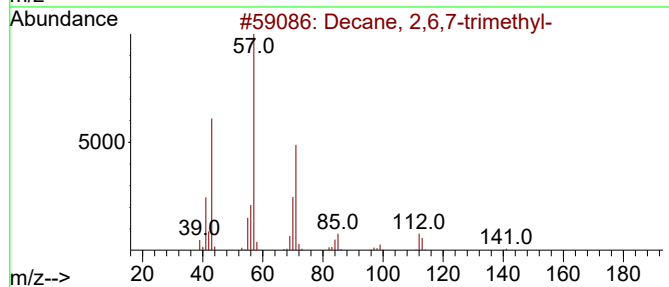
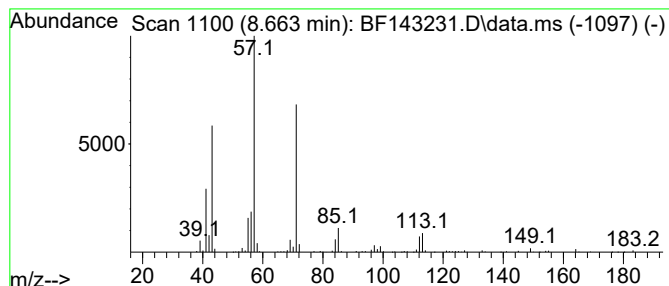
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 2,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	6.09 ng	282261	Naphthalene-d8	8.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
3			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
4			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	59
5			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	59



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Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
Operator : RC/JU
Sample : Q2668-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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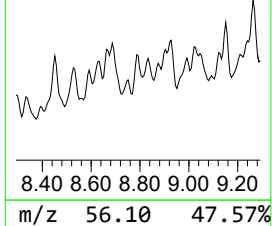
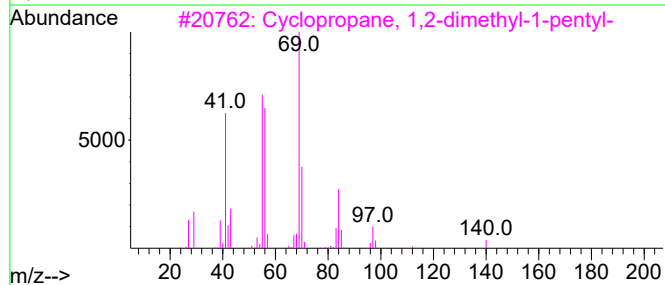
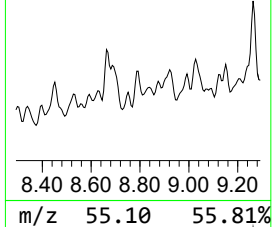
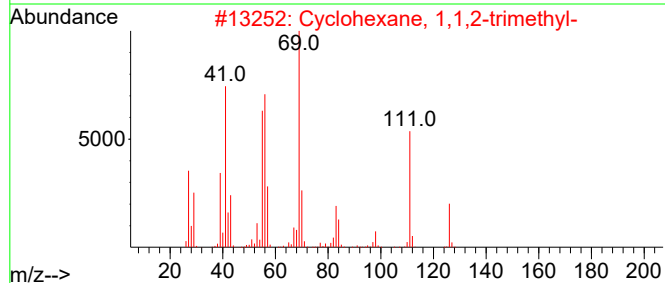
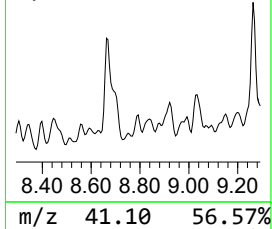
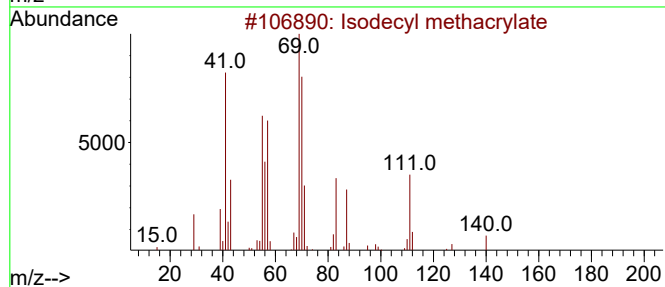
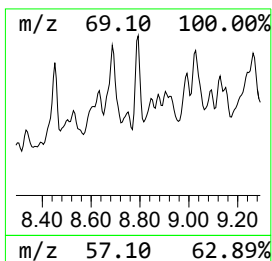
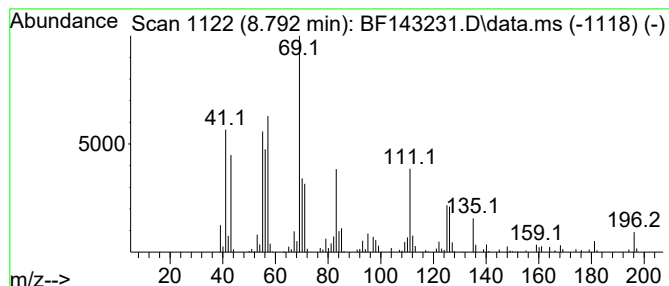
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Isodecyl methacrylate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.792	4.51 ng	209073	Naphthalene-d8	8.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isodecyl methacrylate	226	C14H26O2	029964-84-9	53
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
3		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	46
4		2-Methyl-2-octene	126	C9H18	016993-86-5	46
5		2-Undecene, 4-methyl-	168	C12H24	091695-32-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
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Sample : Q2668-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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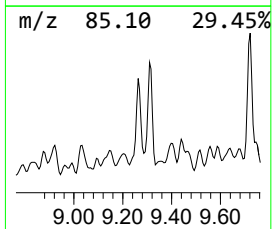
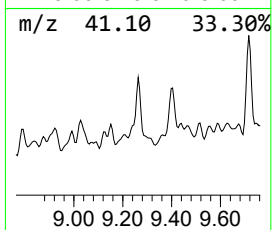
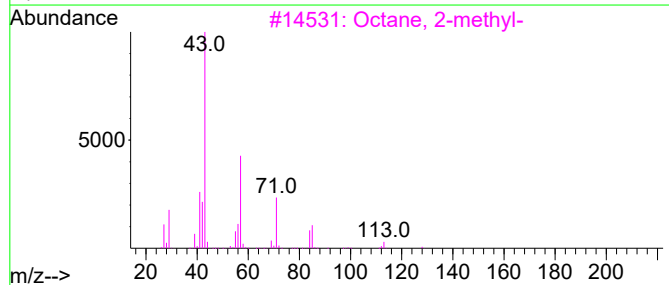
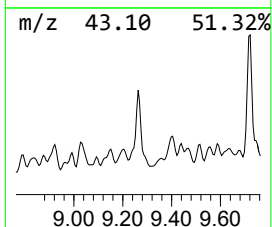
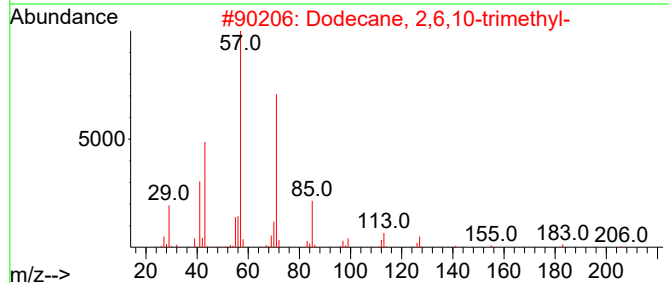
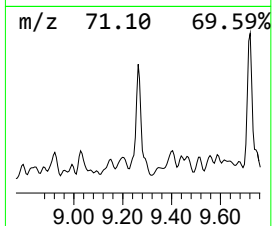
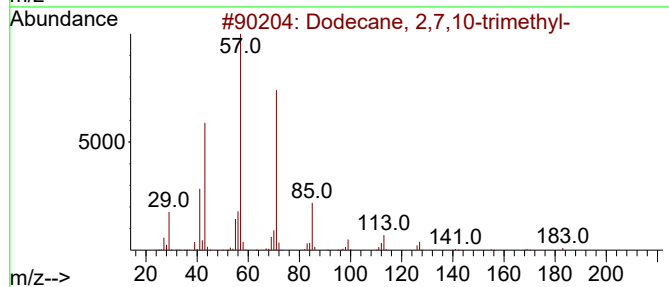
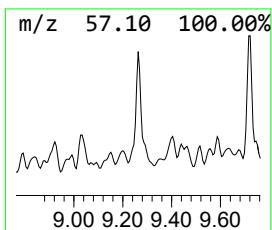
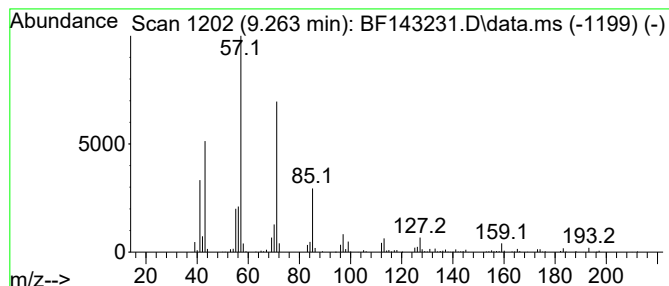
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	7.14 ng	317990	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3			Octane, 2-methyl-	128	C9H20	003221-61-2	72
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
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Sample : Q2668-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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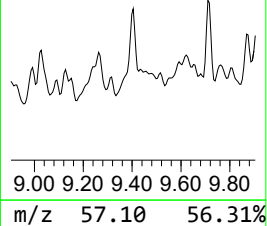
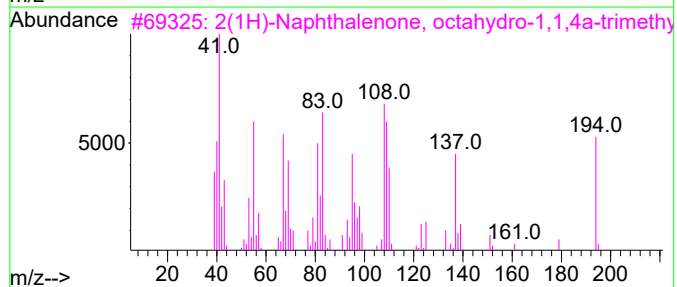
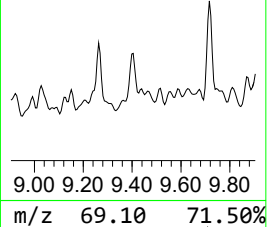
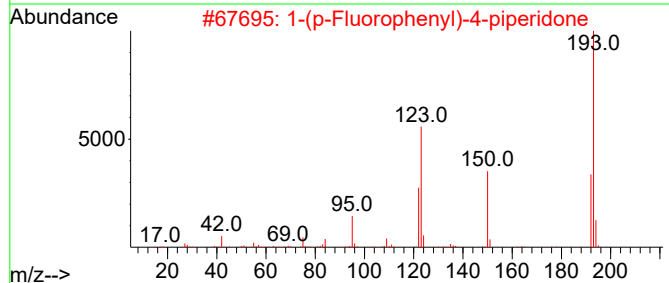
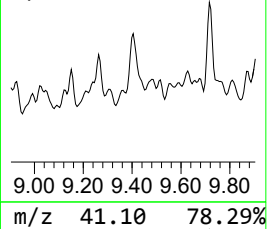
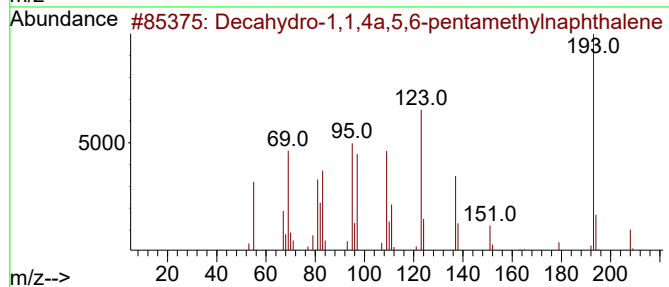
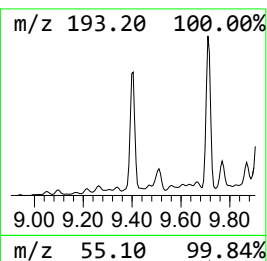
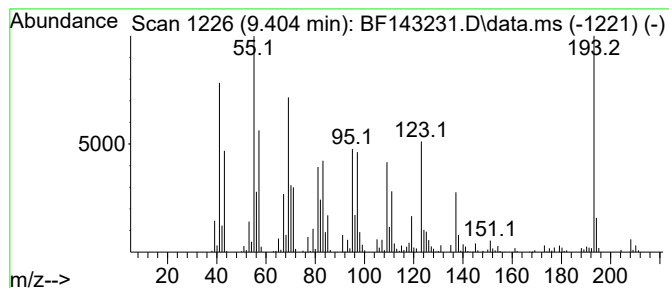
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown9.404 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	10.94 ng	487282	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	43
2			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
3			2(1H)-Naphthalenone, octahydro-1...	194	C13H22O	000775-54-2	27
4			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	25
5			Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
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Sample : Q2668-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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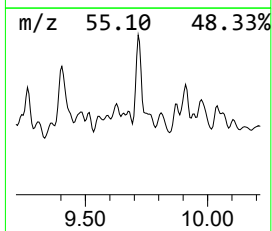
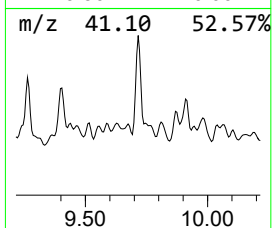
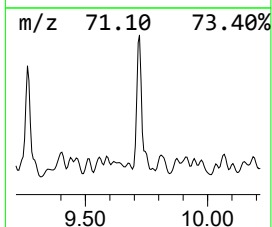
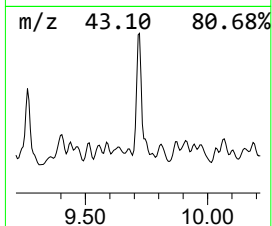
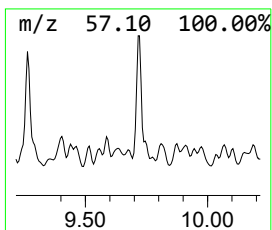
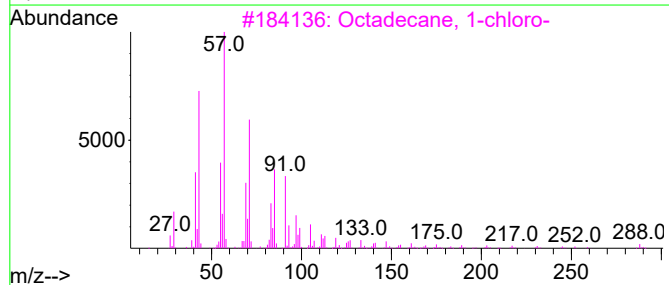
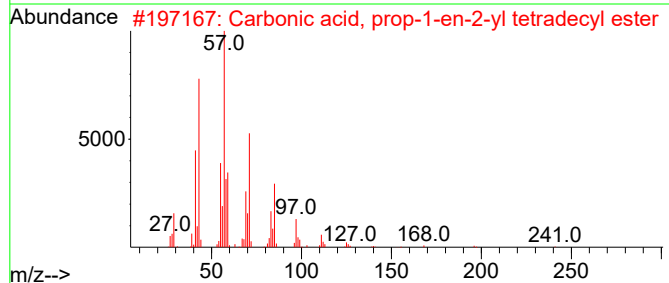
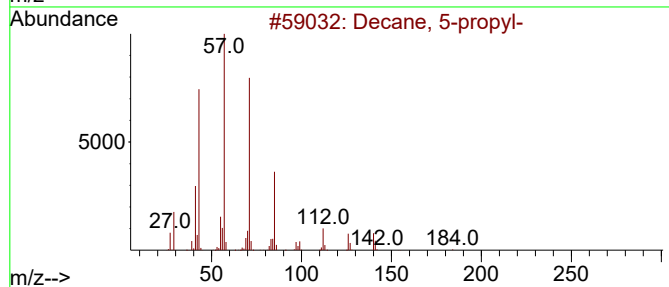
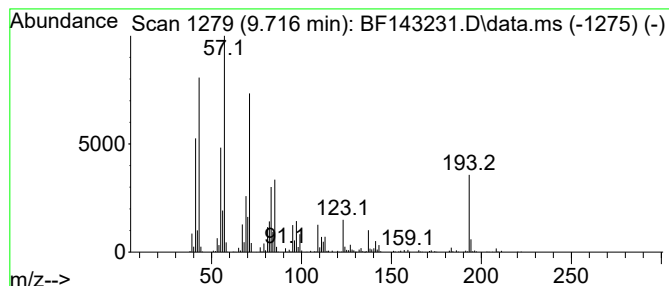
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	18.27 ng	813505	Acenaphthene-d10	9.998

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 5-propyl-	184	C13H28	017312-62-8	53
2		Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	52
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	52
4		Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	52
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
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Acq On : 24 Jul 2025 14:01
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Sample : Q2668-01
Misc :
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Instrument :
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ClientSampleId :
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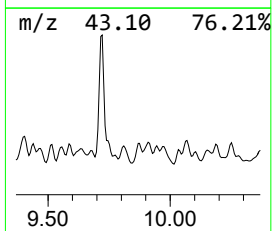
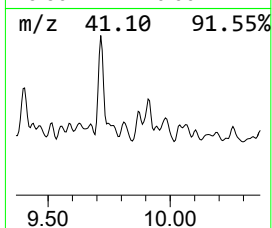
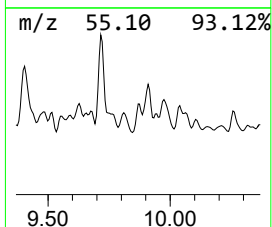
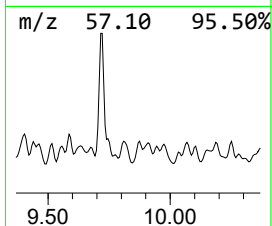
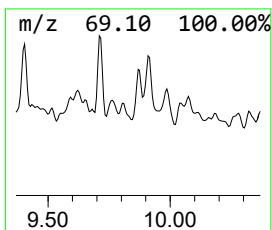
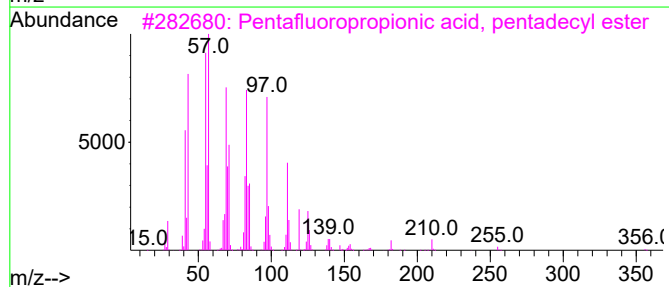
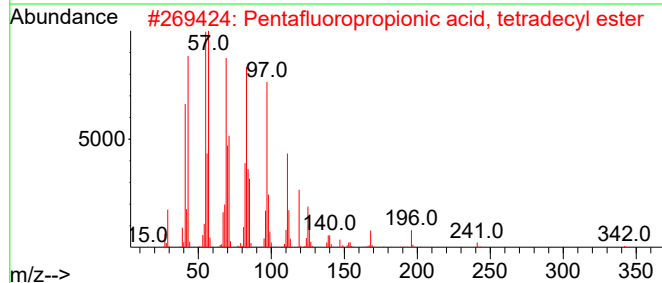
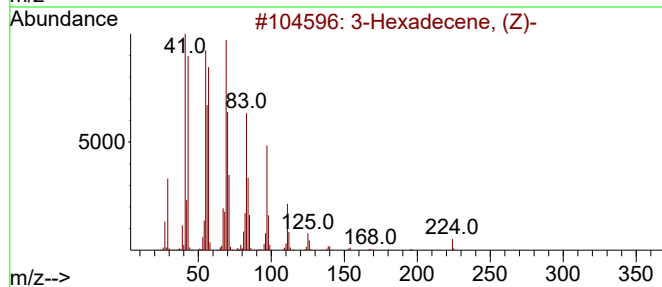
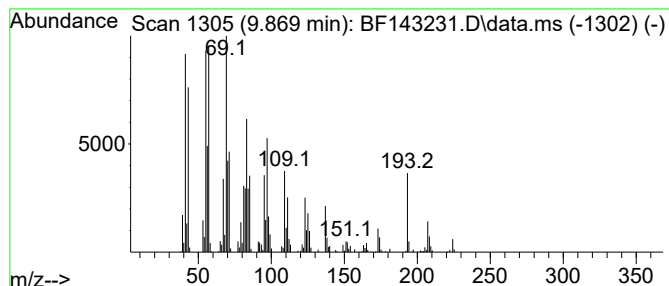
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3-Hexadecene, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.869	4.78 ng	213105	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexadecene, (Z)-	224	C16H32	034303-81-6	78
2			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	64
3			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	64
4			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	64
5			Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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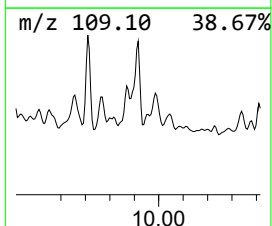
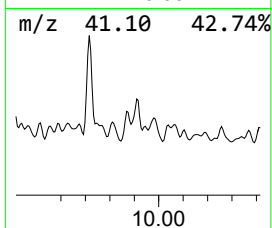
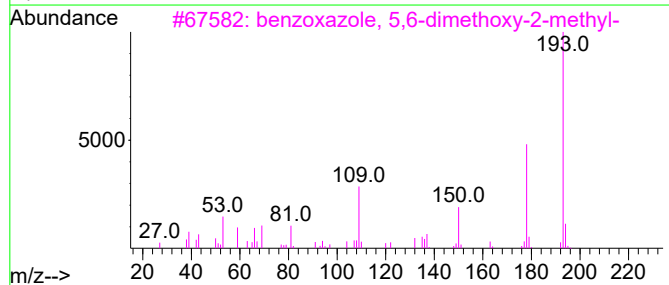
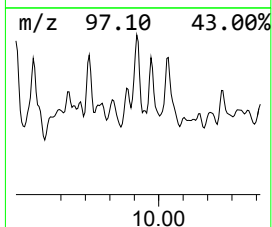
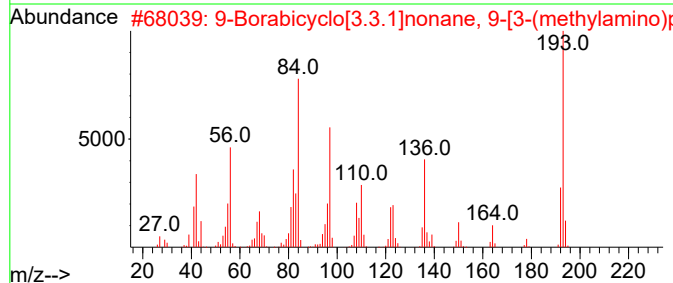
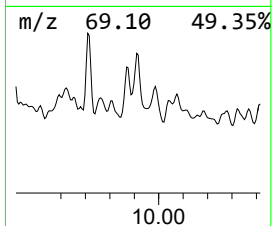
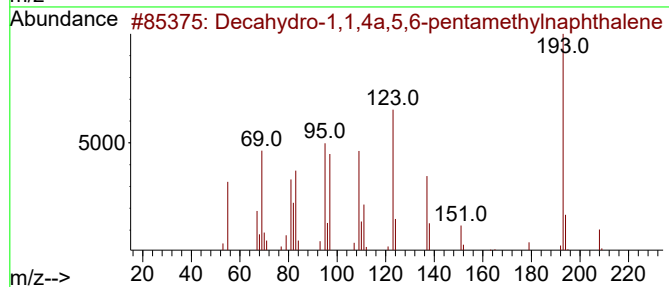
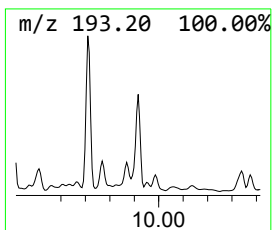
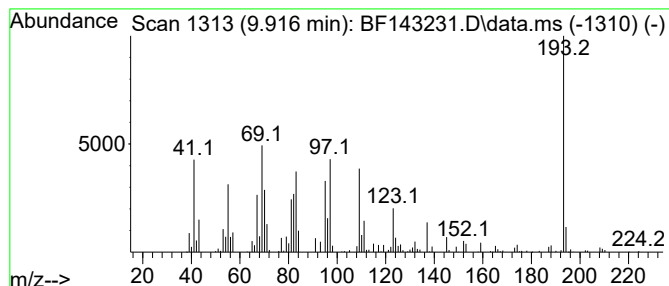
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.916	5.50 ng	245109	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	59
2			9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1010162-56-0	53
3			benzoxazole, 5,6-dimethoxy-2-met...	193	C10H11NO3	1000395-98-9	37
4			[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	27
5			trans-3-Methoxy-b-methyl-b-niros...	193	C10H11NO3	018738-95-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
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ALS Vial : 10 Sample Multiplier: 1

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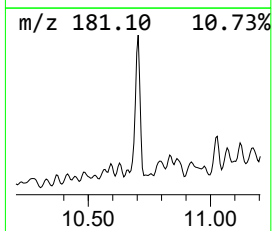
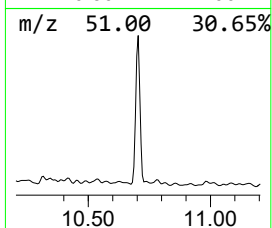
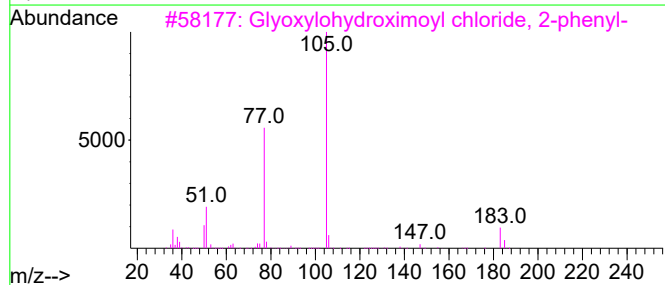
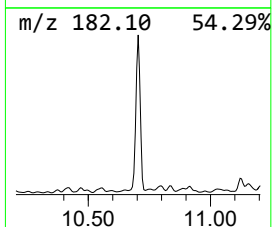
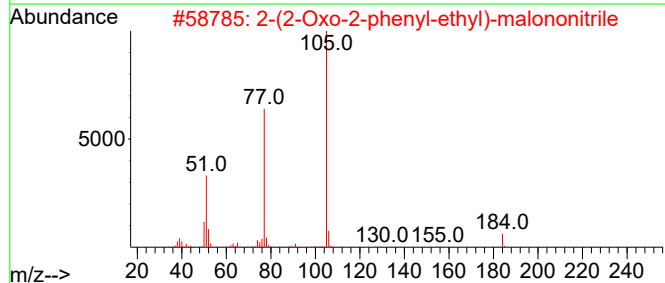
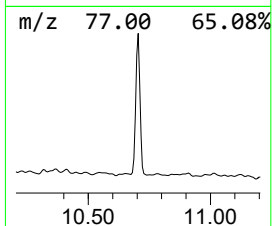
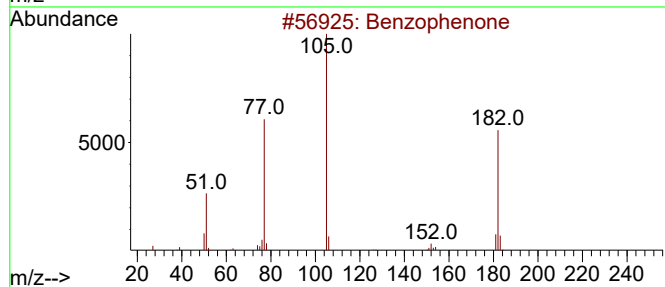
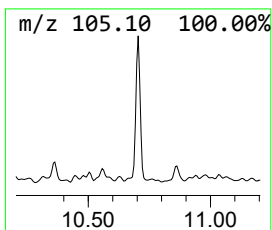
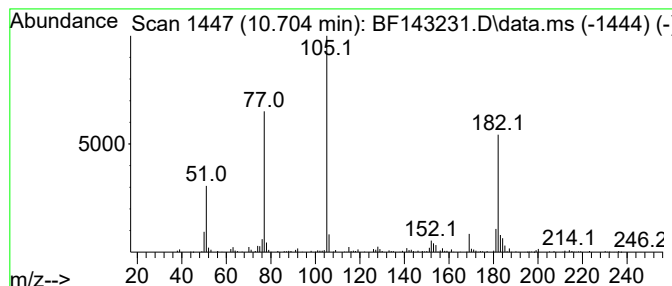
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	3.77 ng	167822	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	49
3			Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	43
4			Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	38
5			Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
Operator : RC/JU
Sample : Q2668-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

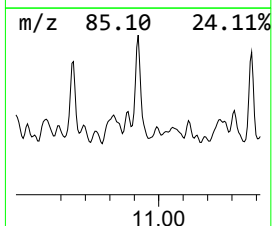
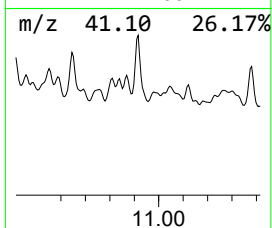
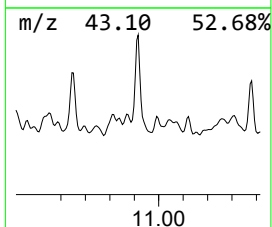
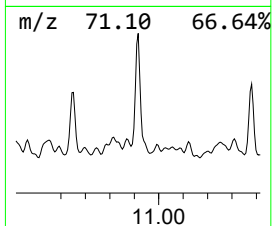
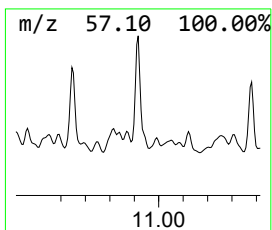
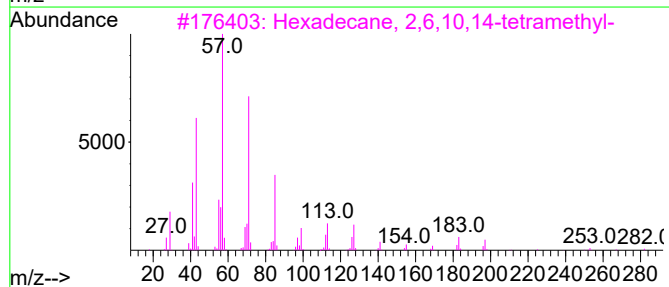
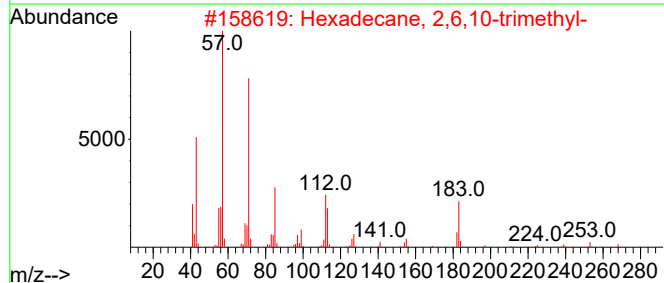
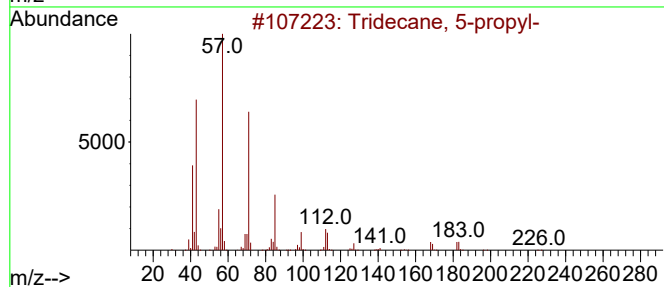
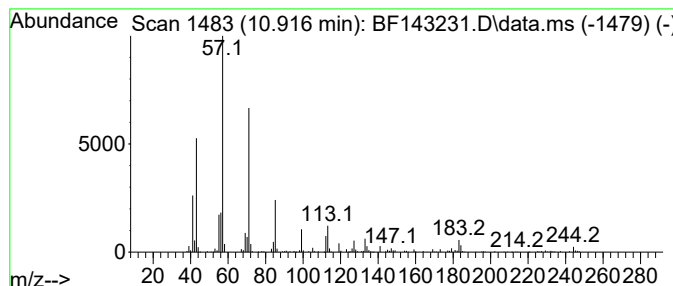
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	11.24 ng	369023	Phenanthrene-d10	11.480

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	78
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
Operator : RC/JU
Sample : Q2668-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

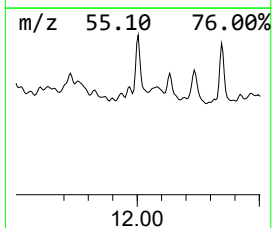
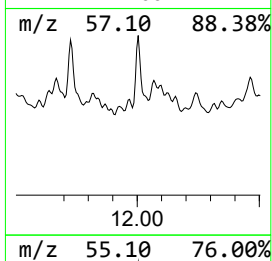
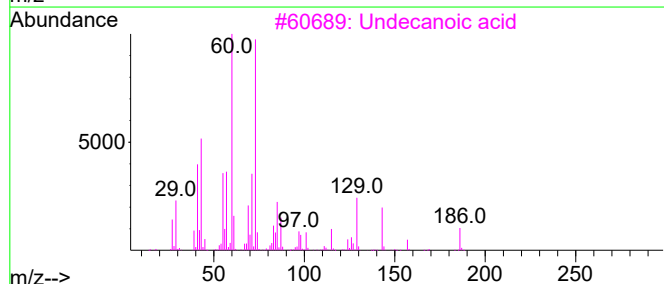
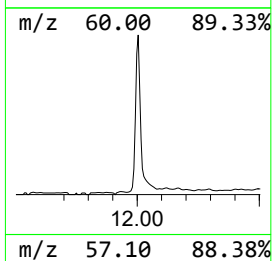
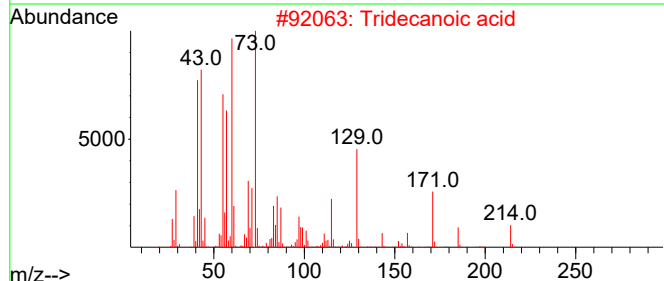
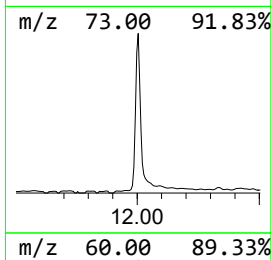
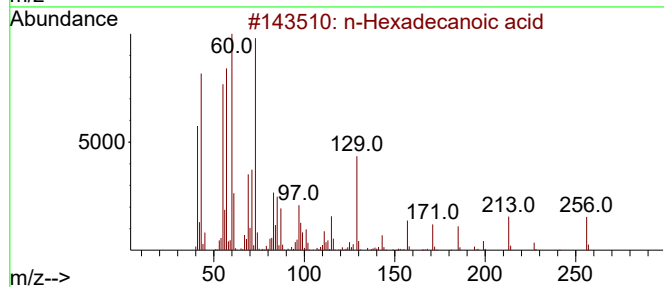
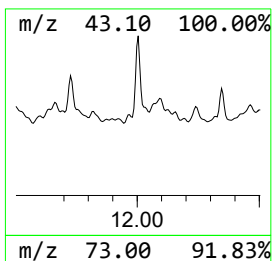
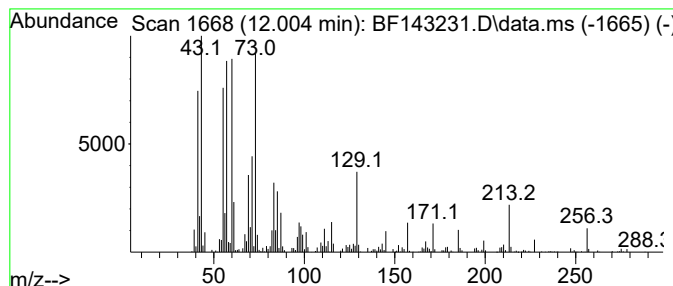
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	6.10 ng	200175	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	89
3			Undecanoic acid	186	C11H22O2	000112-37-8	76
4			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	70
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
Operator : RC/JU
Sample : Q2668-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

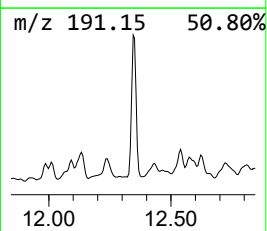
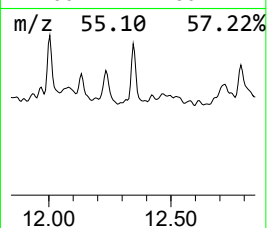
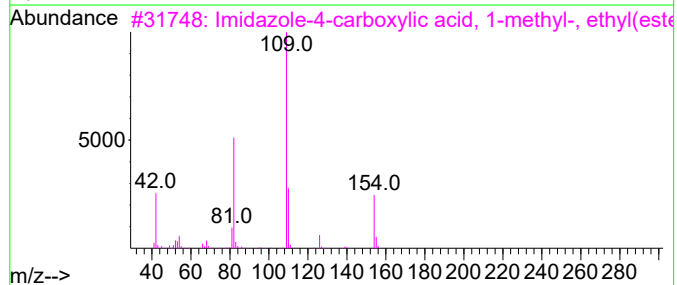
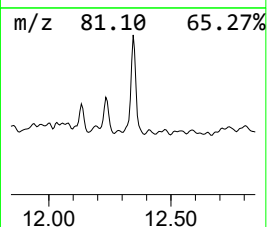
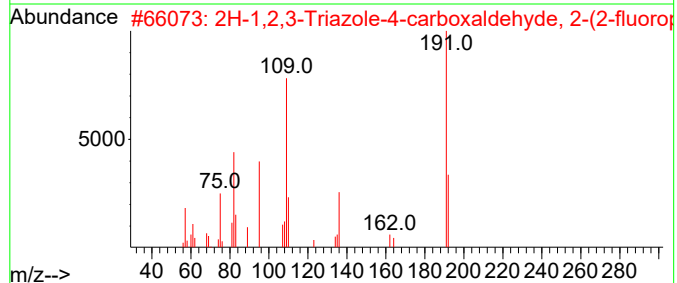
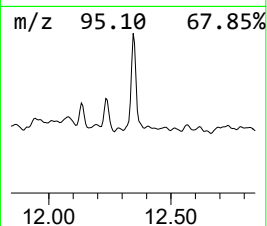
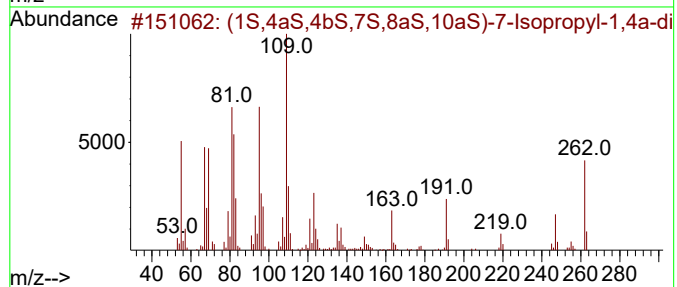
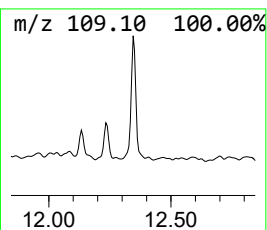
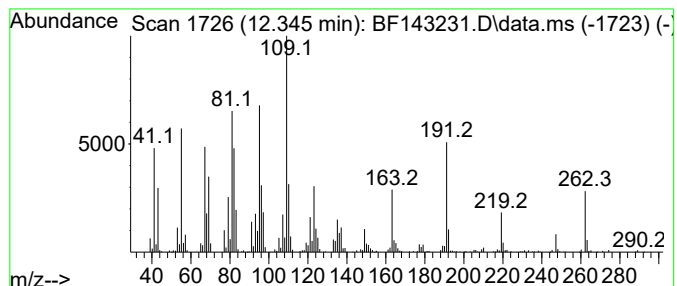
Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.345	9.99 ng	328035	Phenanthrene-d10		11.480	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...		262	C19H34	002221-95-6	95
2	2H-1,2,3-Triazole-4-carboxaldehy...		191	C9H6FN3O	051306-43-5	58
3	Imidazole-4-carboxylic acid, 1-m...		154	C7H10N2O2	041507-56-6	35
4	1H-Naphtho[2,1-b]pyran, 4a,5,6,6...		262	C18H30O	005153-92-4	30
5	7-Heptadecyne, 1-chloro-		270	C17H31Cl	056554-74-6	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143231.D
Acq On : 24 Jul 2025 14:01
Operator : RC/JU
Sample : Q2668-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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
Butane, 2-metho...	2.304	29.1	ng	1155030	1	6.963	795286	20.0
Cyclohexane, 1,...	4.675	4.3	ng	169992	1	6.963	795286	20.0
Heptane, 2,5-di...	5.145	3.9	ng	156417	1	6.963	795286	20.0
Cyclohexane, 1,...	5.410	5.3	ng	209206	1	6.963	795286	20.0
3,5-Dimethyl-3-...	6.004	7.2	ng	286620	1	6.963	795286	20.0
unknown6.140	6.140	4.0	ng	157981	1	6.963	795286	20.0
unknown6.234	6.234	5.6	ng	220904	1	6.963	795286	20.0
unknown6.510	6.510	4.2	ng	166672	1	6.963	795286	20.0
Cyclohexane, 2-...	8.451	5.0	ng	230630	2	8.239	927365	20.0
Decane, 2,6,7-t...	8.663	6.1	ng	282261	2	8.239	927365	20.0
Isodecyl methac...	8.792	4.5	ng	209073	2	8.239	927365	20.0
Dodecane, 2,7,1...	9.263	7.1	ng	317990	3	9.998	890772	20.0
unknown9.404	9.404	10.9	ng	487282	3	9.998	890772	20.0
Decane, 5-propyl-	9.716	18.3	ng	813505	3	9.998	890772	20.0
3-Hexadecene, (Z)-	9.869	4.8	ng	213105	3	9.998	890772	20.0
Decahydro-1,1,4...	9.916	5.5	ng	245109	3	9.998	890772	20.0
Benzophenone	10.704	3.8	ng	167822	3	9.998	890772	20.0
Tridecane, 5-pr...	10.916	11.2	ng	369023	4	11.480	656831	20.0
n-Hexadecanoic ...	12.004	6.1	ng	200175	4	11.480	656831	20.0
(1S,4aS,4bS,7S,...	12.345	10.0	ng	328035	4	11.480	656831	20.0