

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129421.D
 Acq On : 28 Jul 2022 21:57
 Operator : CG\JU
 Sample : N3944-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2286

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-BF072522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129421.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.516	544	549	552	rBV	4675376	4604123	66.70%	7.701%
2	6.522	715	720	723	rBV	4494906	4615578	66.87%	7.720%
3	6.881	778	781	785	rBV	1299187	1097311	15.90%	1.835%
4	7.451	873	878	880	rBV	3091863	2924418	42.37%	4.892%
5	7.686	915	918	924	rVB2	169243	164733	2.39%	0.276%
6	7.798	935	937	941	rBV2	146230	174355	2.53%	0.292%
7	8.063	979	982	986	rBV3	179466	229145	3.32%	0.383%
8	8.139	992	995	997	rBV2	296678	295764	4.28%	0.495%
9	8.169	997	1000	1003	rVV	1667022	1467215	21.26%	2.454%
10	8.216	1005	1008	1010	rVB2	514464	424744	6.15%	0.710%
11	8.245	1010	1013	1016	rBV3	198664	247753	3.59%	0.414%
12	8.363	1030	1033	1035	rVB2	281868	237092	3.43%	0.397%
13	8.398	1035	1039	1042	rBV4	239339	369994	5.36%	0.619%
14	8.451	1042	1048	1052	rBV5	518230	757847	10.98%	1.268%
15	8.504	1055	1057	1060	rVB4	232620	223871	3.24%	0.374%
16	8.545	1060	1064	1067	rBV5	274020	385470	5.58%	0.645%
17	8.581	1067	1070	1072	rBV	651355	609003	8.82%	1.019%
18	8.604	1072	1074	1076	rBV3	351184	301021	4.36%	0.504%
19	8.628	1076	1078	1080	rVB2	430762	349376	5.06%	0.584%
20	8.669	1082	1085	1087	rBV2	564081	435940	6.32%	0.729%
21	8.698	1087	1090	1093	rBV4	308753	533061	7.72%	0.892%
22	8.751	1096	1099	1102	rBV2	504616	373382	5.41%	0.625%
23	8.786	1102	1105	1108	rBV5	464373	683451	9.90%	1.143%
24	8.910	1124	1126	1128	rVB2	475153	342864	4.97%	0.573%
25	8.939	1128	1131	1134	rBV3	554371	642671	9.31%	1.075%
26	8.992	1137	1140	1142	rBV	1424160	1294266	18.75%	2.165%
27	9.039	1144	1148	1152	rBV5	523078	1124232	16.29%	1.880%
28	9.133	1157	1164	1166	rBV5	1077000	1927686	27.93%	3.224%
29	9.163	1166	1169	1171	rBV2	1070435	999976	14.49%	1.673%
30	9.186	1171	1173	1176	rVV2	1654544	1304989	18.91%	2.183%
31	9.245	1179	1183	1187	rVB	4426821	4327059	62.69%	7.238%
32	9.281	1187	1189	1192	rBV3	666717	753709	10.92%	1.261%
33	9.322	1192	1196	1199	rBV3	2590793	3260400	47.24%	5.453%
34	9.398	1207	1209	1212	rVB	1251228	936761	13.57%	1.567%
35	9.651	1247	1252	1254	rBV3	4421245	6902313	100.00%	11.545%
36	9.798	1274	1277	1280	rBV3	2694288	3617197	52.41%	6.050%

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.845	1282	1285	1290	rVB5	3239022	4125094	59.76%	6.900%
38	9.969	1304	1306	1308	rBV3	1328240	1288641	18.67%	2.155%
39	10.198	1342	1345	1348	rBV4	2030409	2771607	40.15%	4.636%
40	15.121	2178	2182	2188	rBV	299418	556977	8.07%	0.932%
41	15.427	2231	2234	2241	rVB	258473	344019	4.98%	0.575%
42	15.492	2242	2245	2251	rVB	397386	513487	7.44%	0.859%
43	15.557	2252	2256	2260	rBV	810312	1043067	15.11%	1.745%
44	17.056	2507	2511	2519	rVB2	105782	204008	2.96%	0.341%

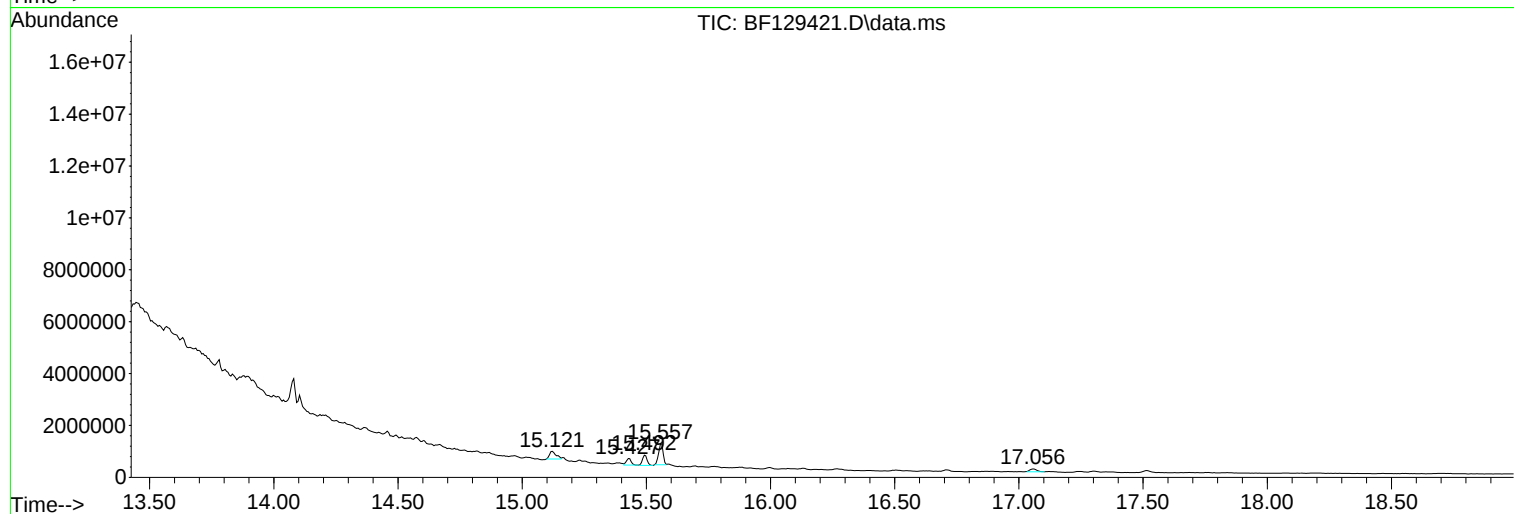
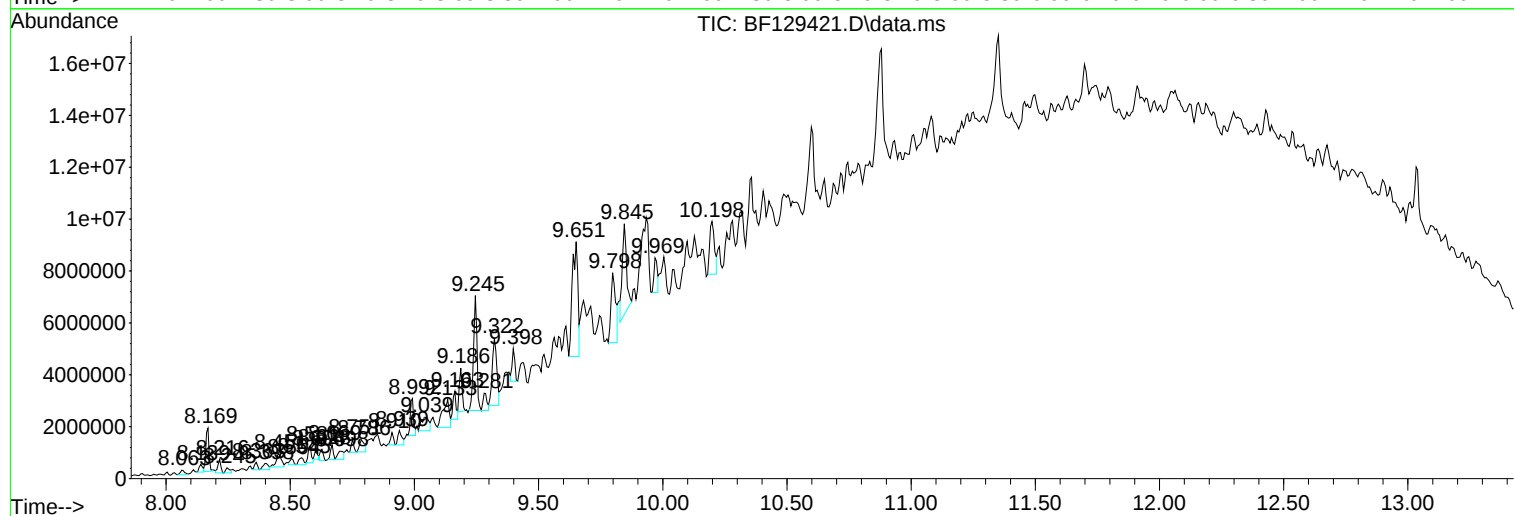
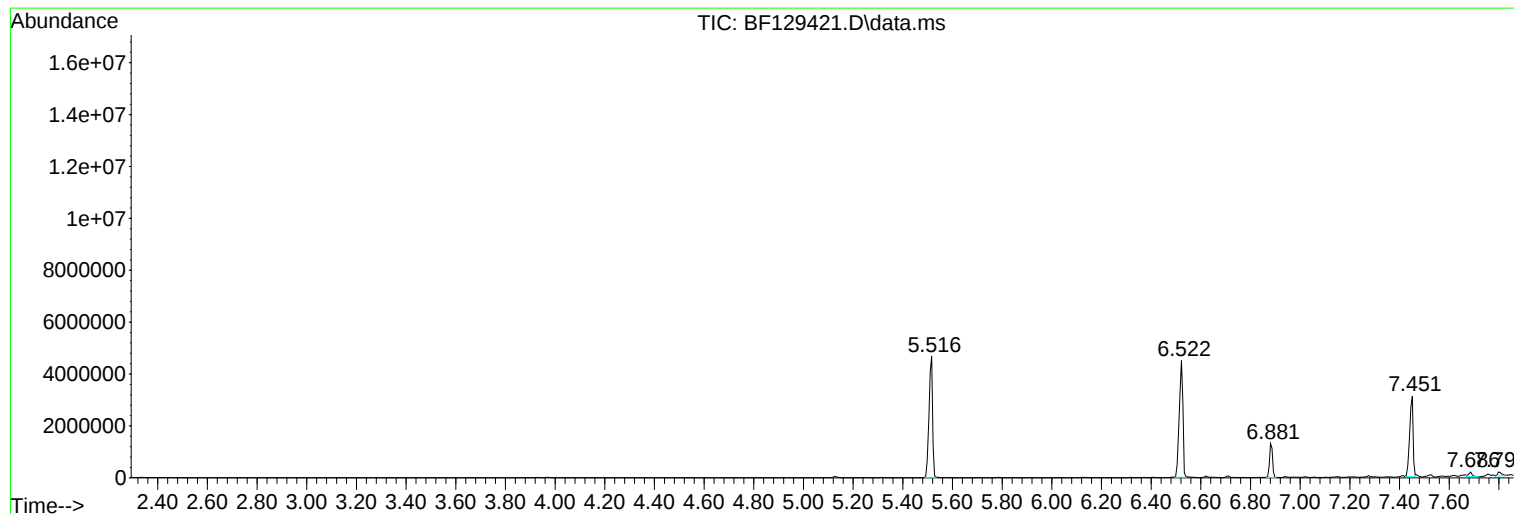
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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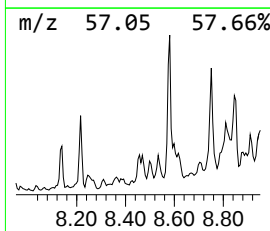
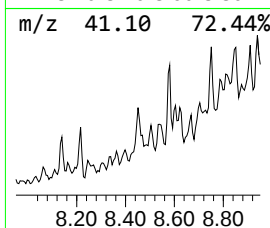
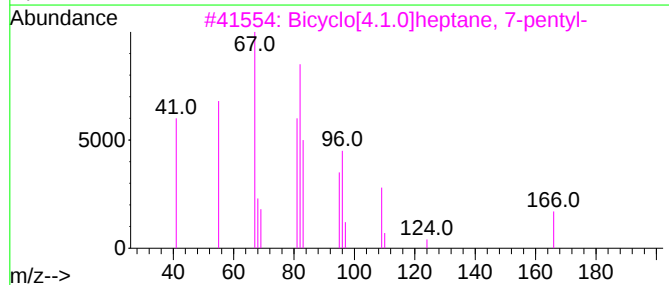
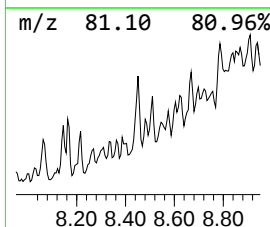
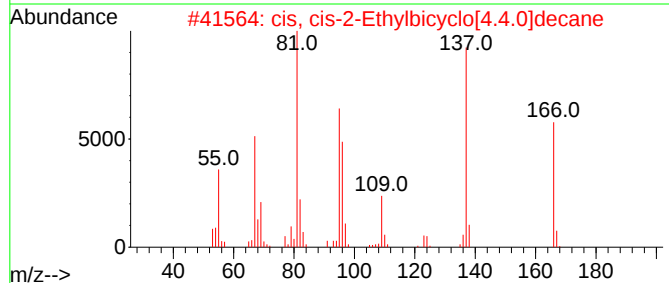
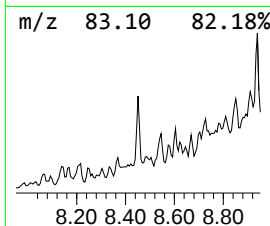
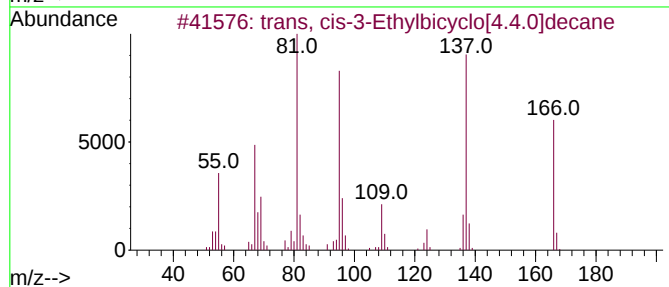
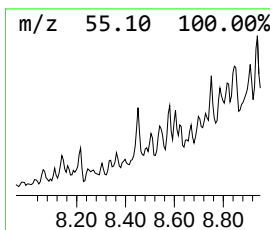
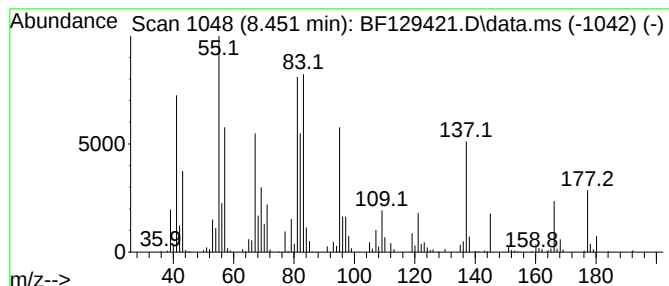
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 trans, cis-3-Ethylbicyclo[4.4.0] Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.451	10.33 ng	757847	Naphthalene-d8	8.169	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	64
2	cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	64
3	Bicyclo[4.1.0]heptane, 7-pentyl-	166	C12H22	041977-45-1	49
4	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	49
5	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	47



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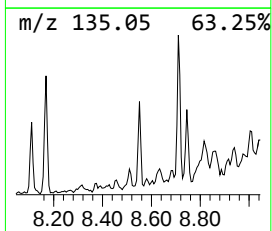
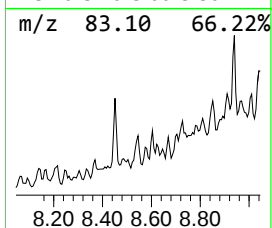
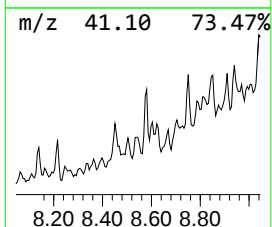
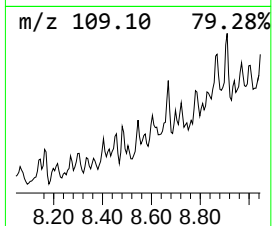
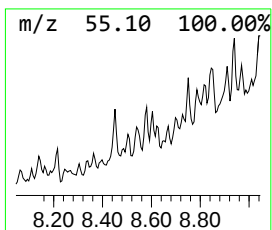
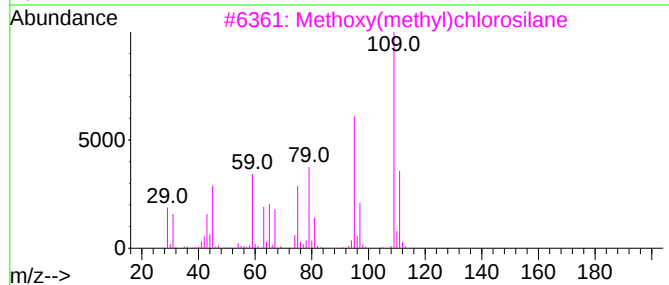
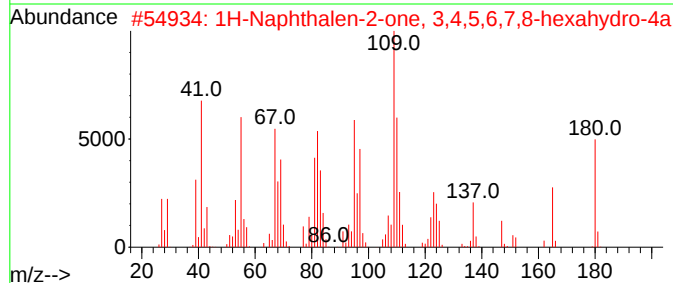
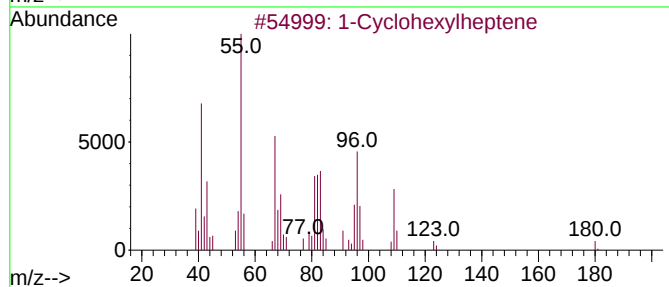
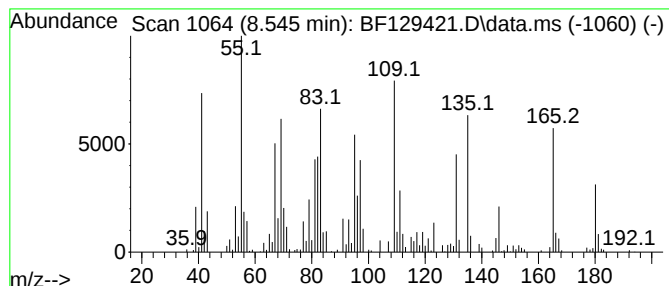
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown8.545 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	5.25 ng	385470	Naphthalene-d8	8.169

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Cyclohexylheptene	180	C13H24	114614-83-4	46
2		1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1010164-27-1	46
3		Methoxy(methyl)chlorosilane	110	C2H7ClOSi	018151-27-4	27
4		2-Hexanone, 3-cyclohexylidene-4-...	208	C14H24O	1000150-19-2	22
5		2'-Ethoxyformanilide	165	C9H11NO2	086796-85-2	18



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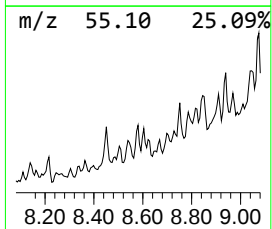
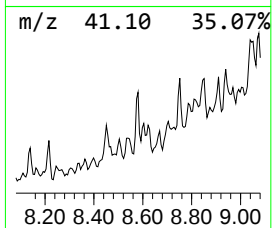
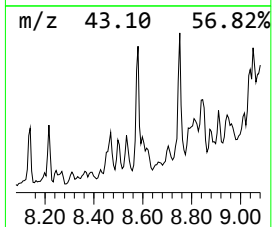
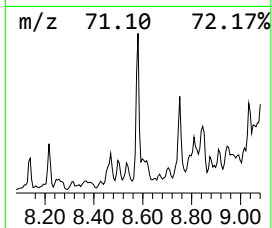
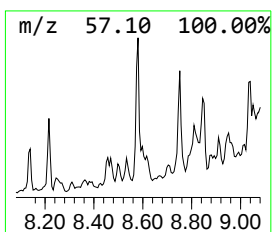
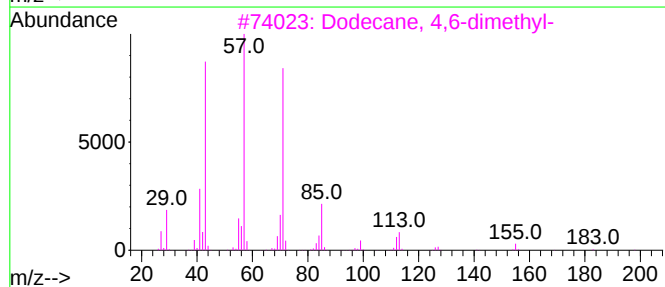
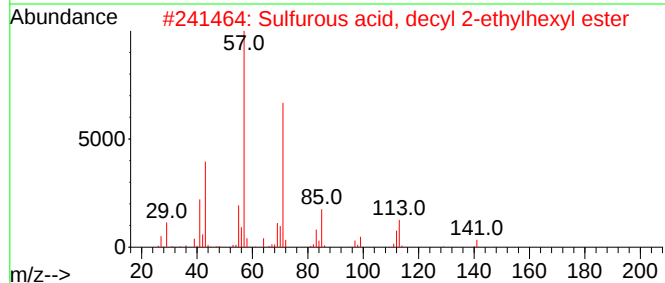
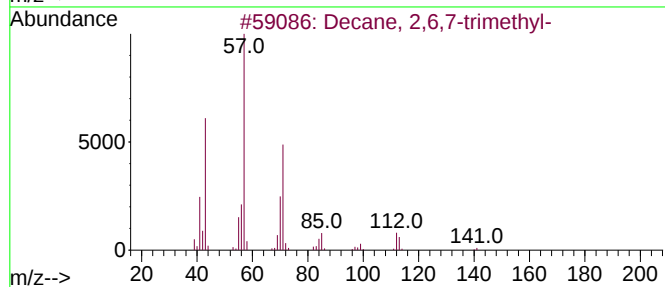
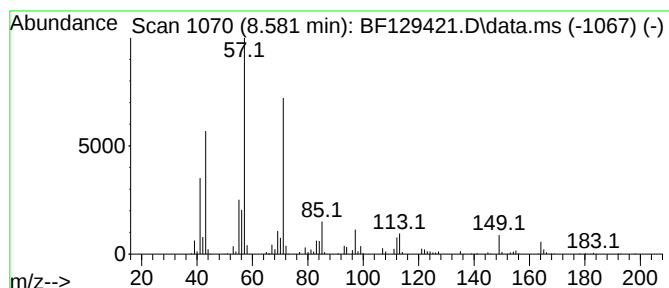
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.581	8.30 ng	609003	Naphthalene-d8	8.169	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53



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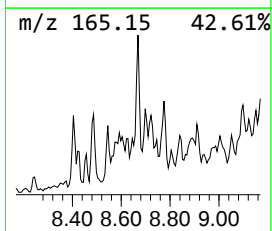
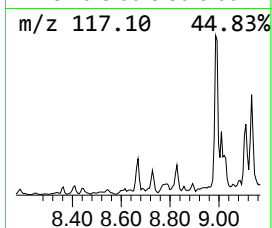
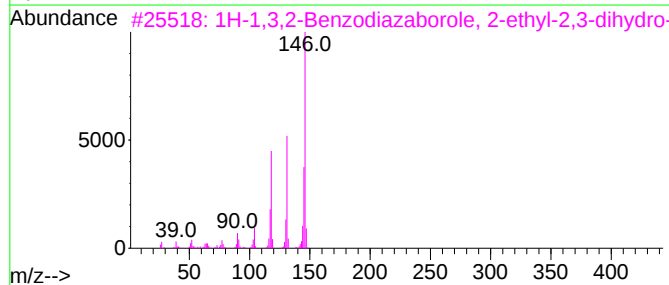
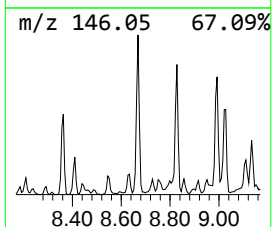
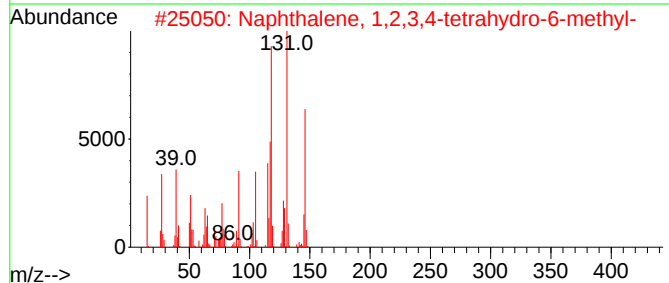
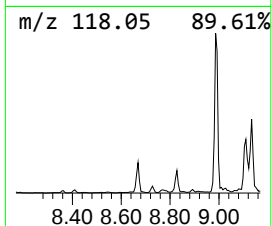
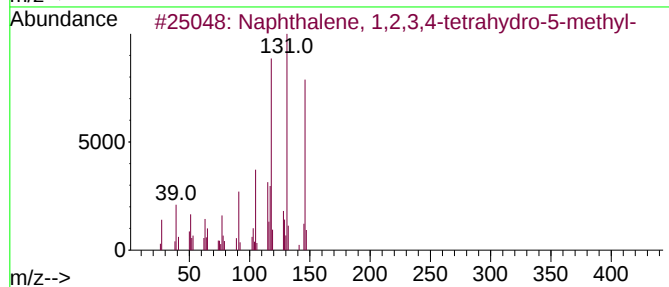
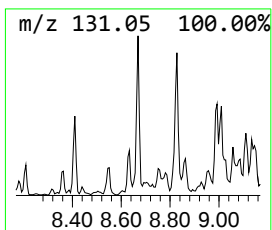
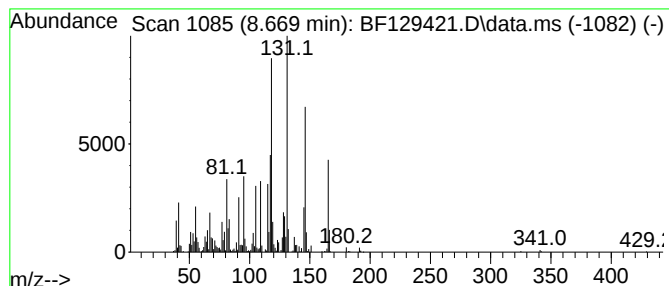
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
8.669	5.94 ng	435940	Naphthalene-d8			8.169
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	001680-51-9	94
3	1H-1,3,2-Benzodiazaborole, 2-eth...		146	C8H11BN2	074663-81-3	70
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...		146	C10H10O	002461-34-9	50
5	Benzene, (1-methylenebutyl)-		146	C11H14	005676-32-4	45



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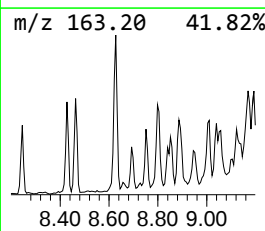
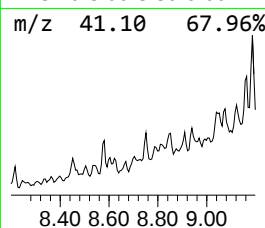
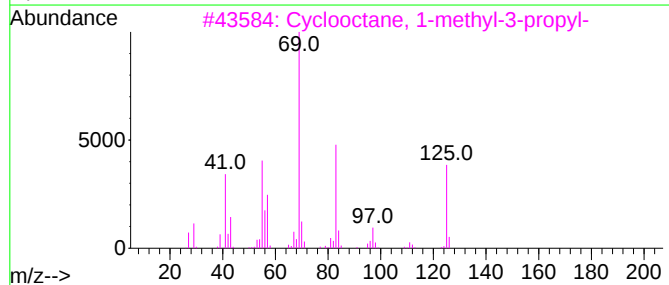
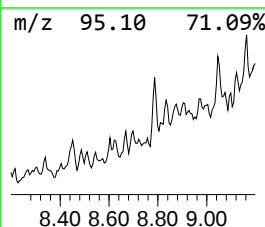
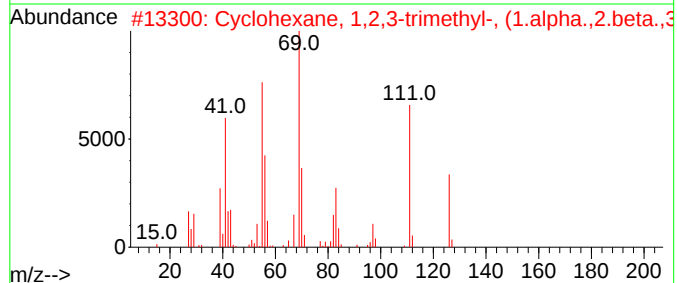
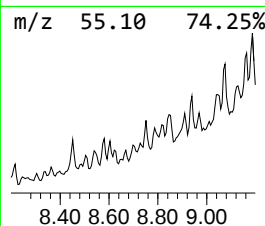
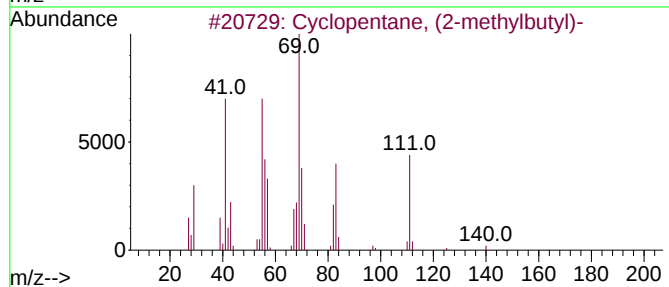
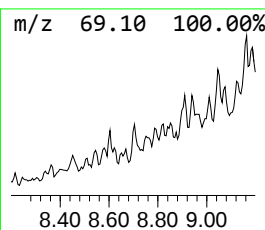
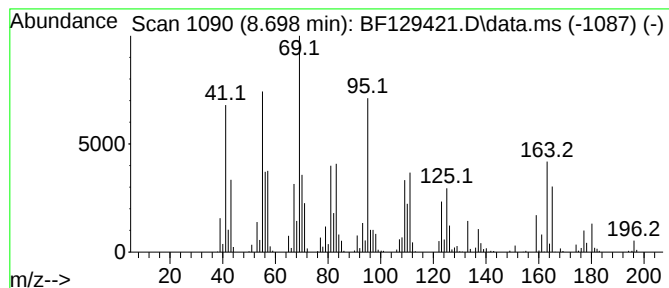
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclopentane, (2-methylbutyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	7.27 ng	533061	Naphthalene-d8	8.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	60
2			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	38
3			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	35
4			Benzeneacetic acid, 4-chloro-, o...	280	C16H21ClO2	1000406-99-9	27
5			Crotyl methacrylate	140	C8H12O2	007376-45-6	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
Operator : CG\JU
Sample : N3944-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2286

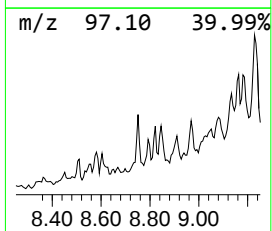
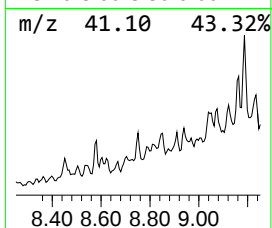
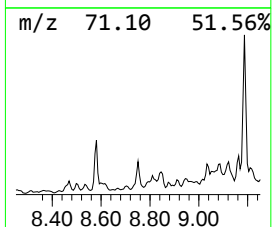
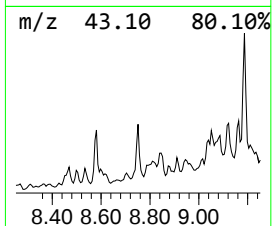
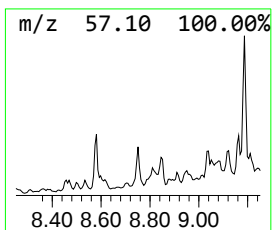
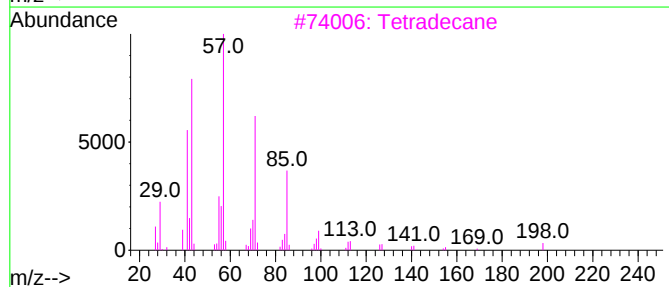
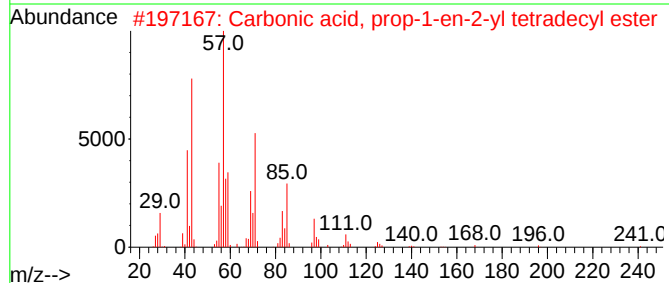
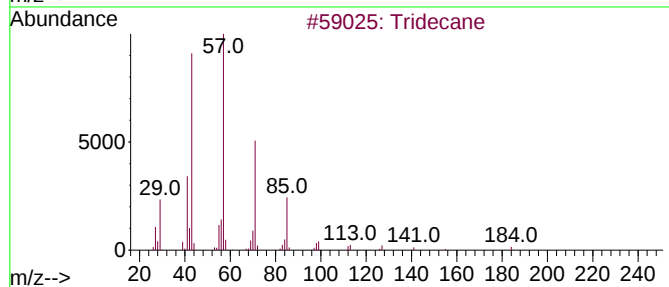
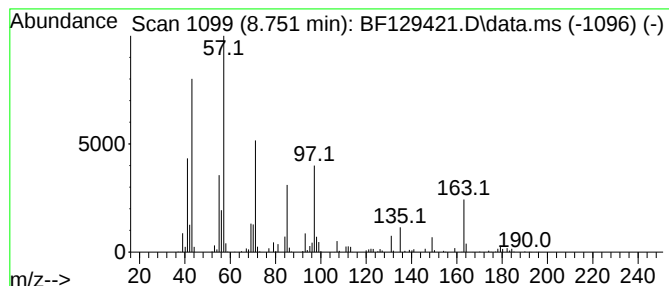
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	5.09 ng	373382	Naphthalene-d8	8.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	50
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	49
3			Tetradecane	198	C14H30	000629-59-4	46
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	45
5			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
Operator : CG\JU
Sample : N3944-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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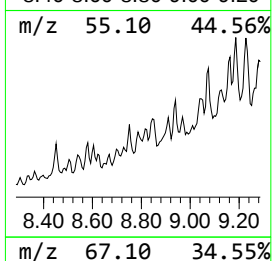
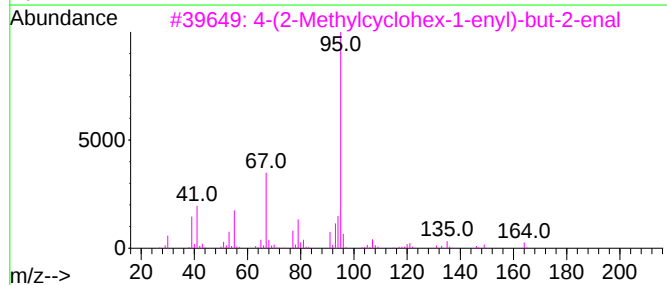
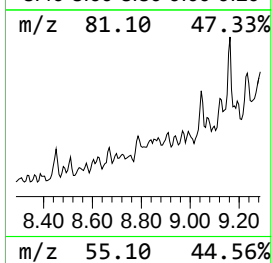
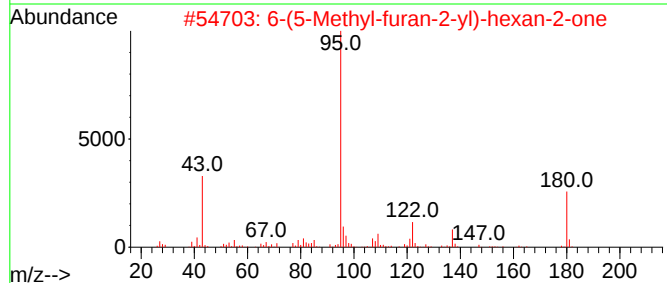
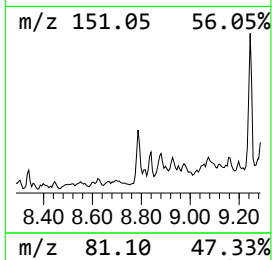
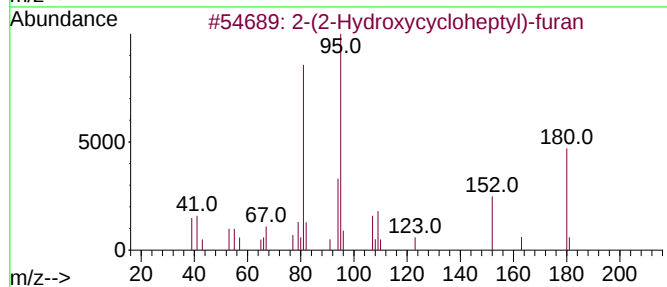
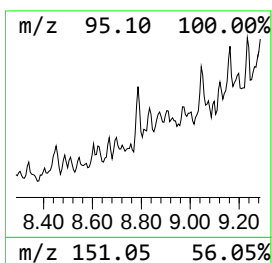
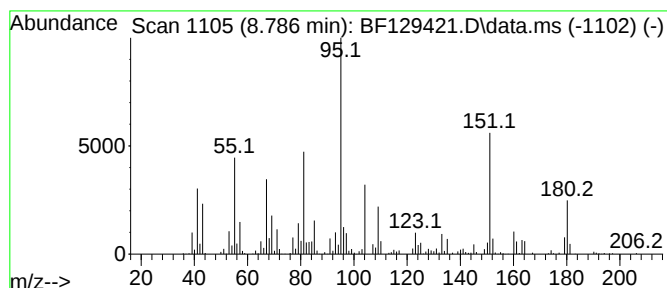
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.786 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.786	9.32 ng	683451	Naphthalene-d8	8.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Hydroxycycloheptyl)-furan	180	C11H16O2	1000145-02-9	47		
2	6-(5-Methyl-furan-2-yl)-hexan-2-one	180	C11H16O2	1000185-87-5	43		
3	4-(2-Methylcyclohex-1-enyl)-but-...	164	C11H16O	1000188-10-0	38		
4	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	38		
5	Cyclopropanecarboxylic acid, 3-e...	168	C10H16O2	060066-50-4	35		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
Operator : CG\JU
Sample : N3944-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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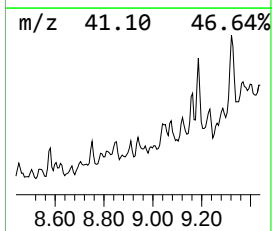
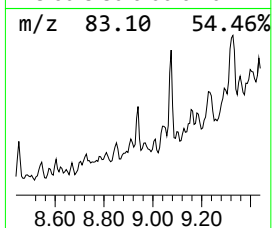
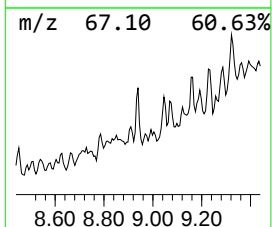
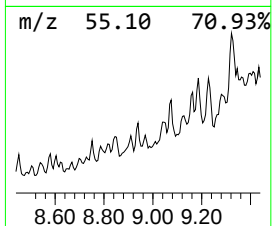
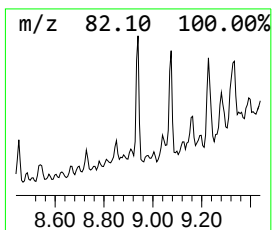
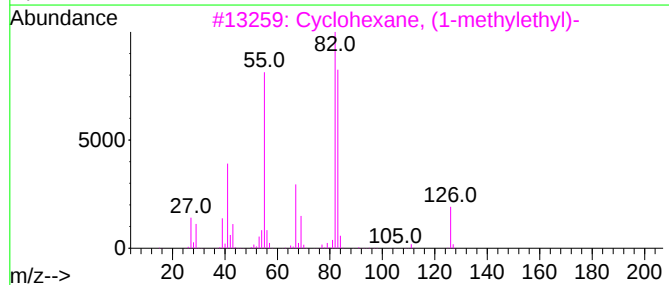
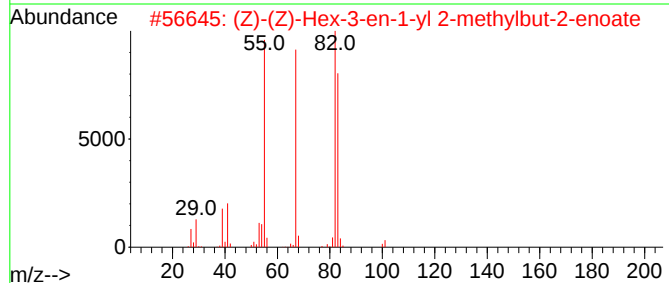
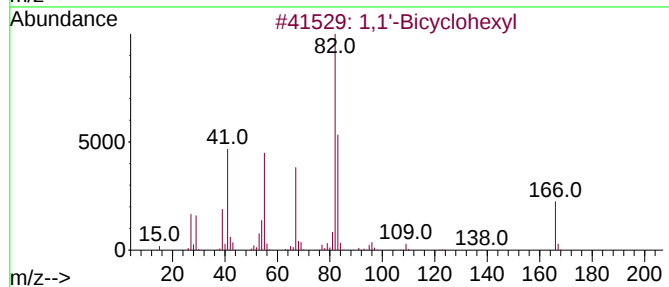
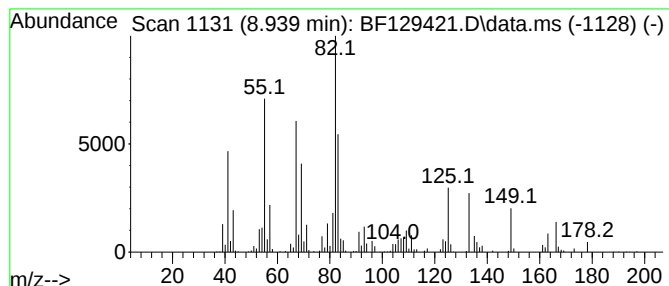
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,1'-Bicyclohexyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.939	8.76 ng	642671	Naphthalene-d8	8.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Bicyclohexyl	166	C12H22	000092-51-3	52
2			(Z)-(Z)-Hex-3-en-1-yl 2-methylbu...	182	C11H18O2	084060-80-0	47
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
4			Fumaric acid, decyl trans-hex-3-...	338	C20H34O4	1000348-89-0	43
5			2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
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Sample : N3944-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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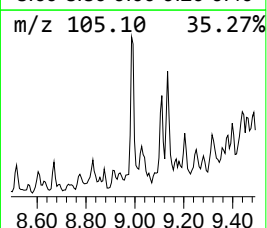
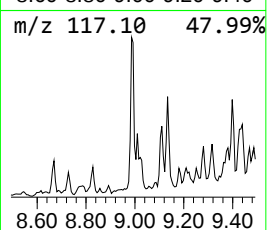
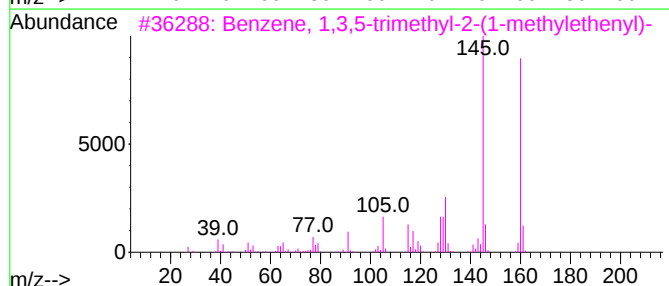
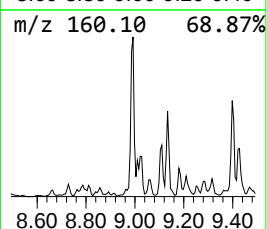
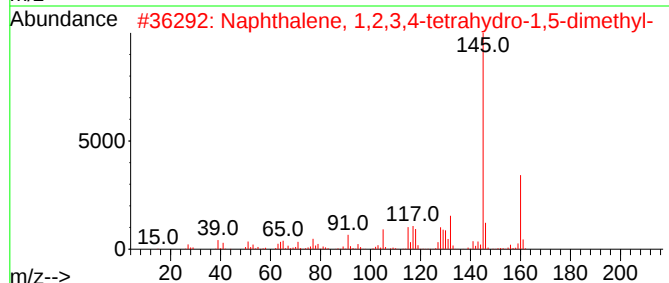
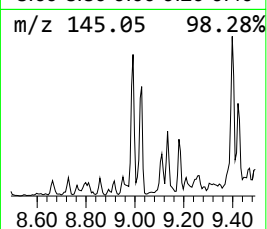
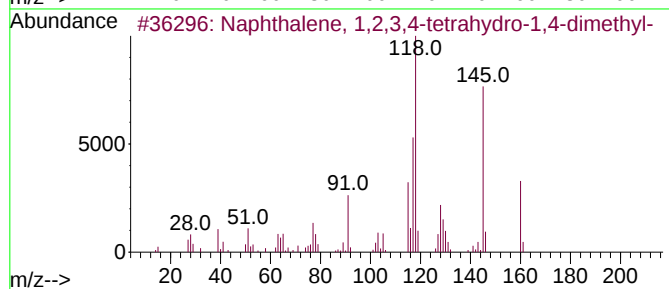
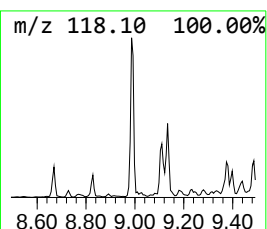
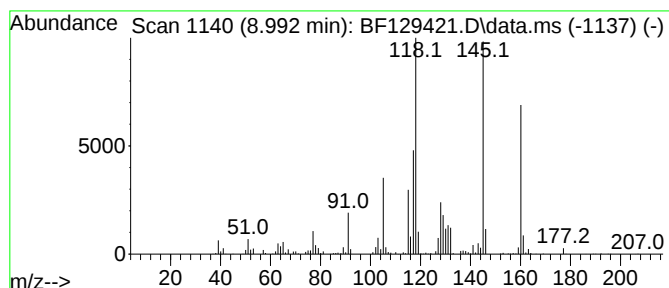
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.992	17.64 ng	1294270	Naphthalene-d8	8.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	72
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
Operator : CG\JU
Sample : N3944-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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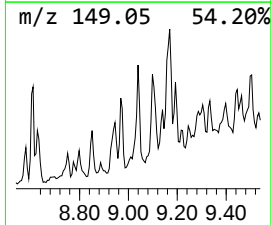
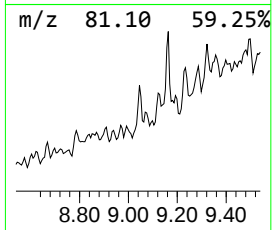
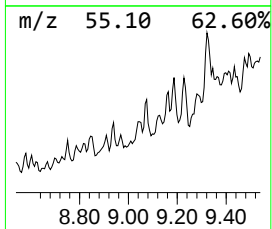
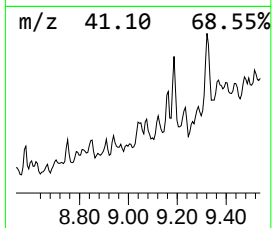
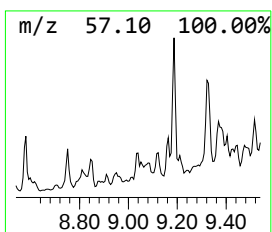
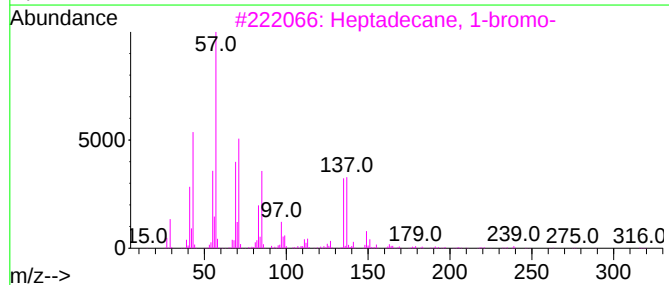
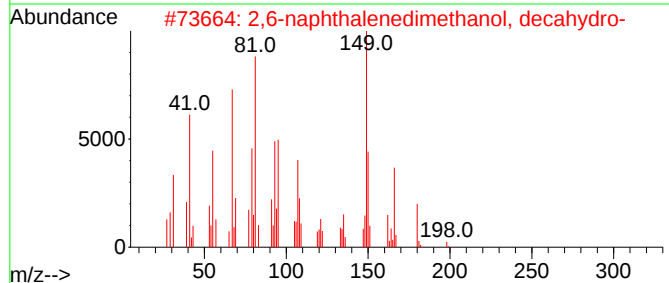
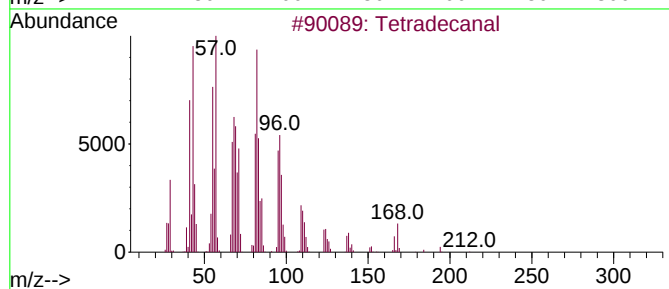
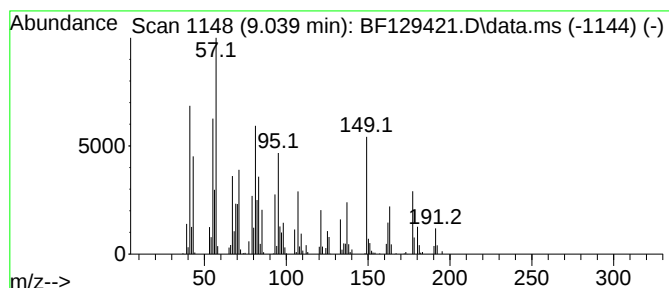
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.039 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.039	15.32 ng	1124230	Naphthalene-d8	8.169

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanal	212	C14H28O	000124-25-4	27
2		2,6-naphthalenedimethanol, decah...	198	C12H22O2	1000400-37-5	22
3		Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	22
4		Levomenthol	156	C10H20O	002216-51-5	22
5		cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
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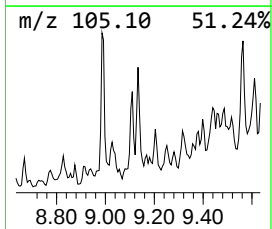
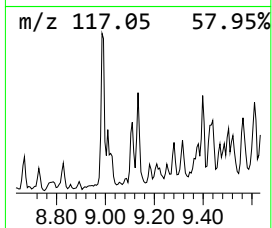
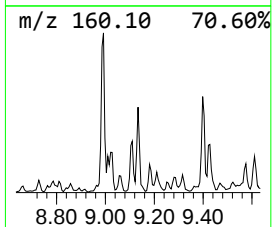
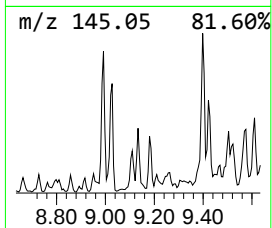
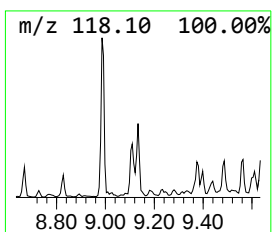
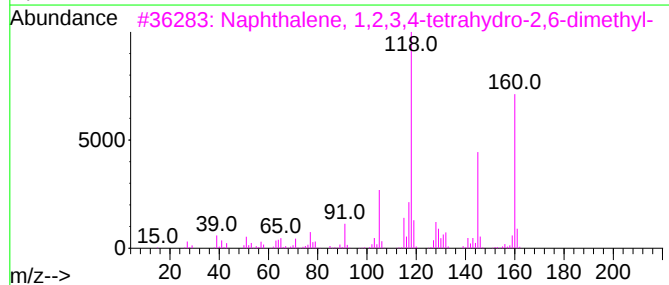
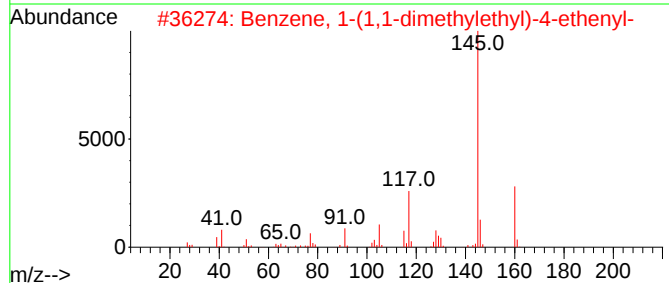
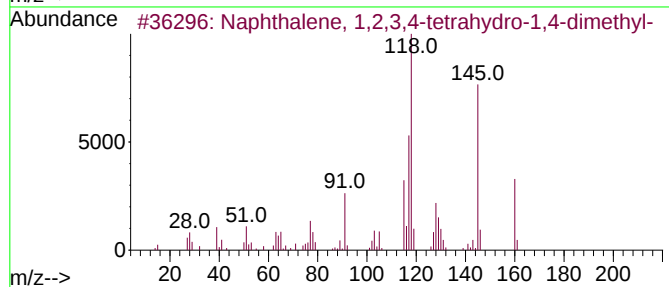
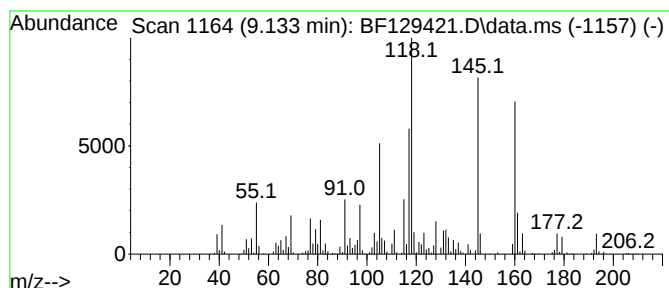
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-(1,1-dimethyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	29.92 ng	1927690	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	62
2			Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	55
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	49
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	49
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	43



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Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
Operator : CG\JU
Sample : N3944-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

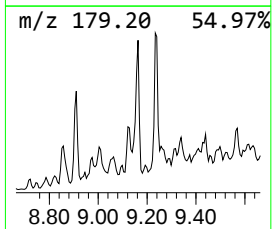
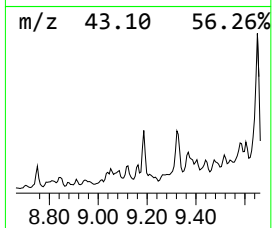
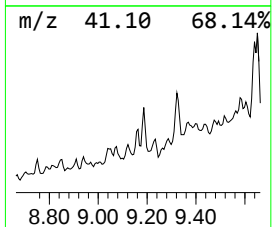
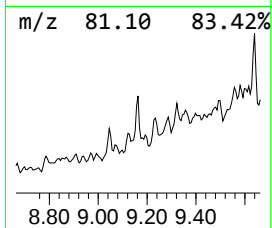
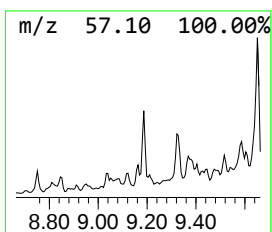
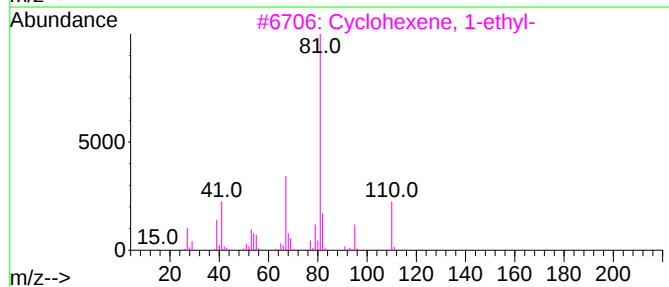
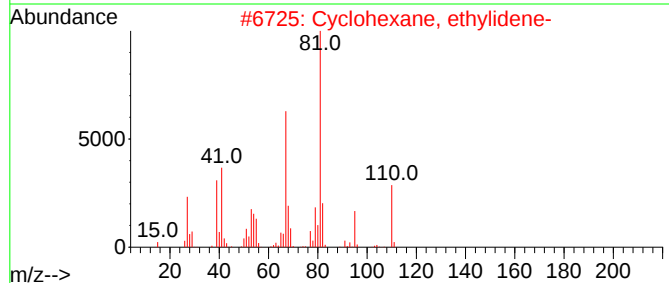
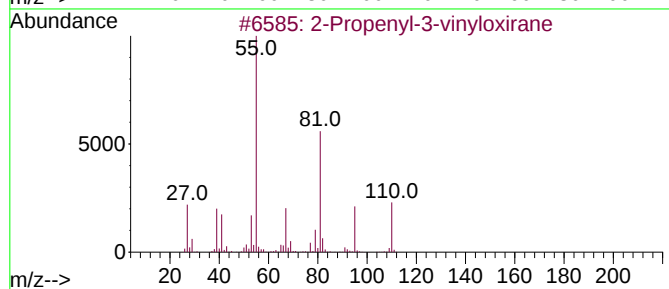
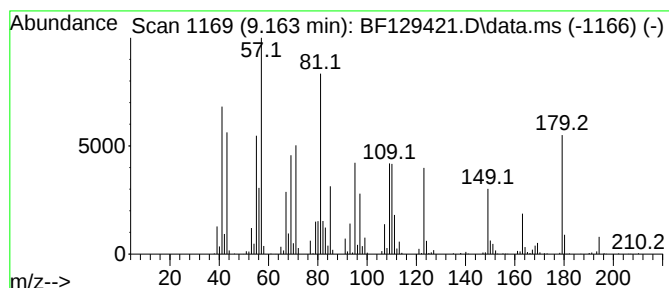
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.163 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.163	15.52 ng	999976	Acenaphthene-d10	9.939	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	27
2	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	25
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
4	4-Ethylcyclohexene	110	C8H14	003742-42-5	22
5	Furan, 2,3,5-trimethyl-	110	C7H10O	010504-04-8	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
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Sample : N3944-01
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ALS Vial : 13 Sample Multiplier: 1

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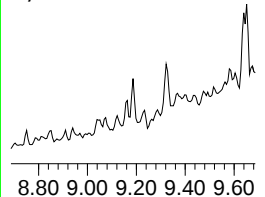
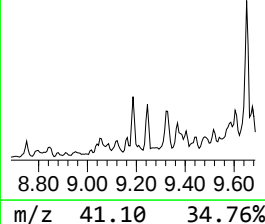
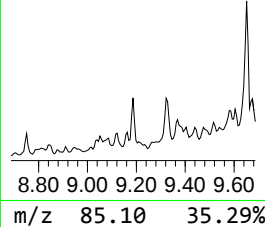
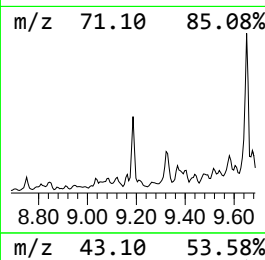
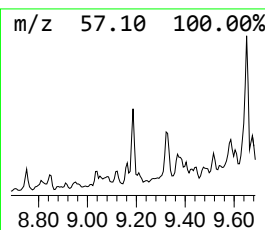
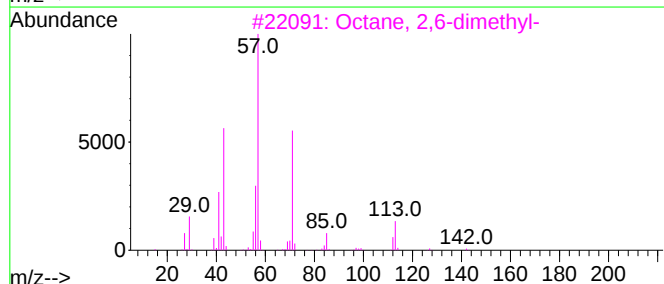
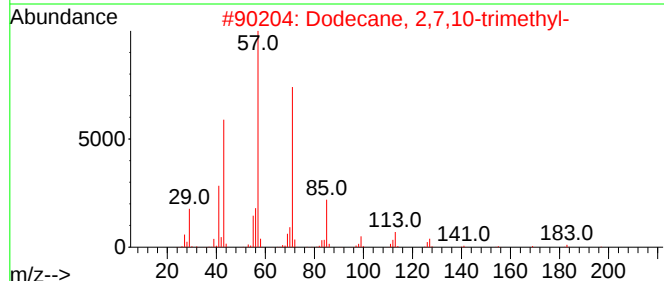
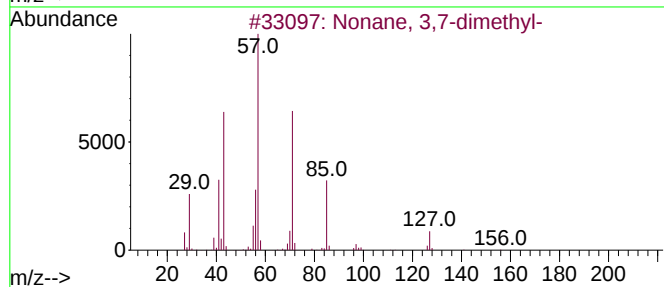
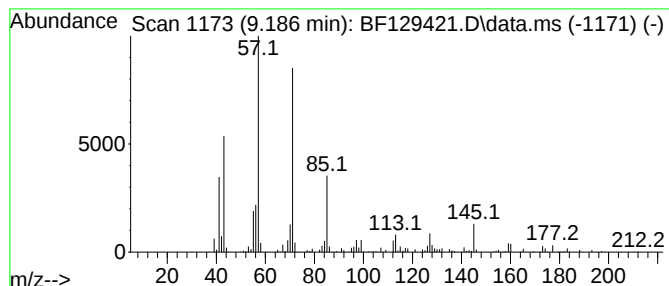
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.186	20.25 ng	1304990	Acenaphthene-d10	9.939

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
Operator : CG\JU
Sample : N3944-01
Misc :
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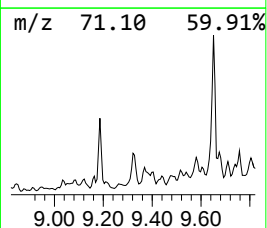
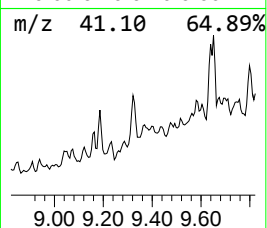
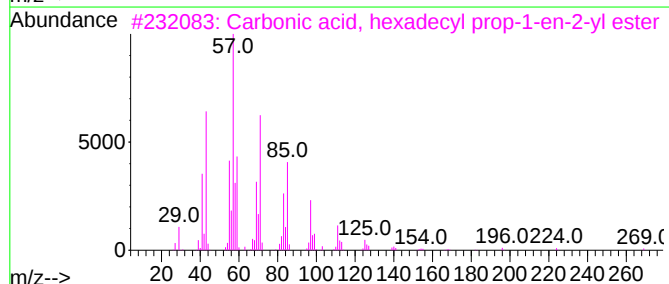
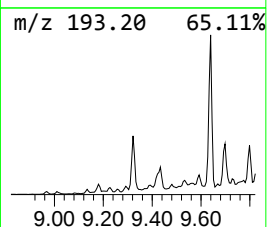
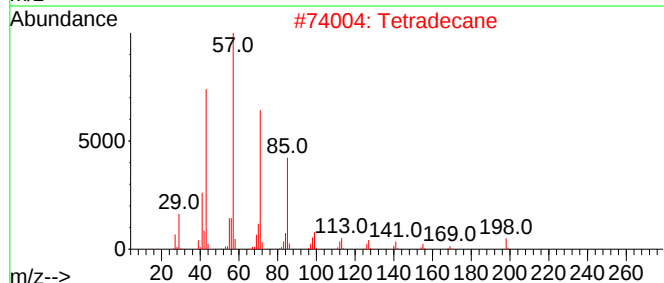
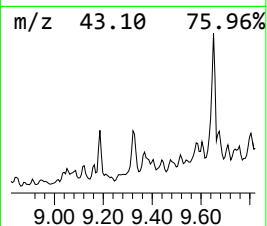
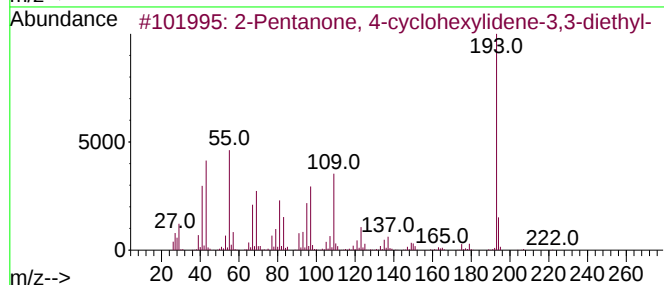
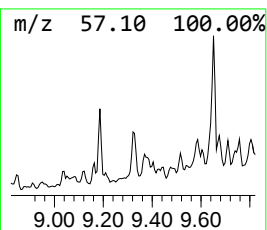
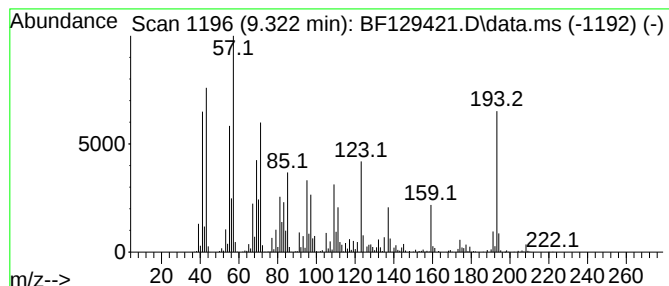
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Pentanone, 4-cyclohexylidene-3,3-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.322	50.60 ng	3260400	Acenaphthene-d10	9.939	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	70
2	Tetradecane	198	C14H30	000629-59-4	56
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	25
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	25
5	[1,2,4]Triazolo[1,5-a]pyrimidin-...	193	C8H11N5O	1000351-50-1	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
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Sample : N3944-01
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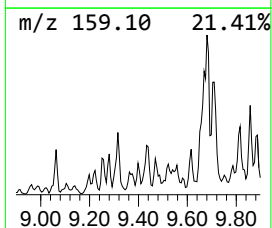
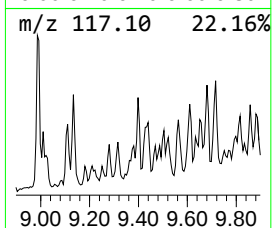
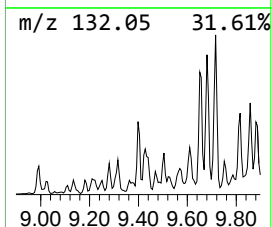
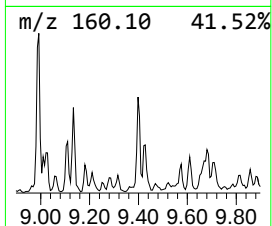
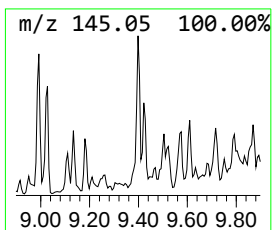
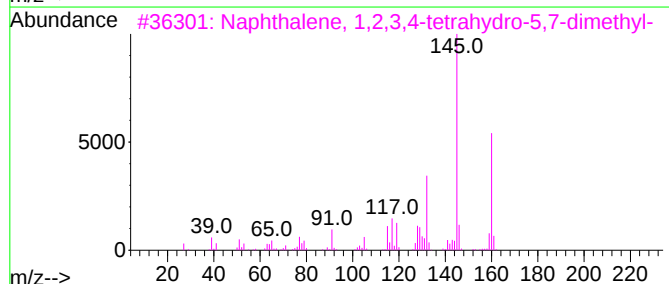
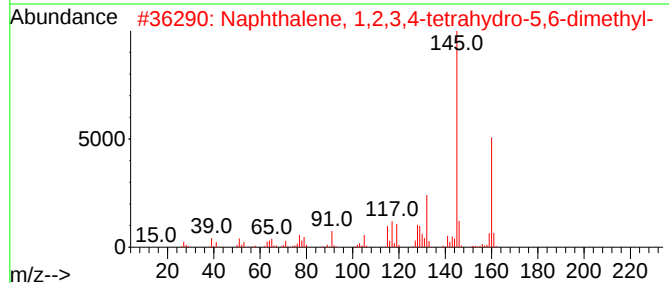
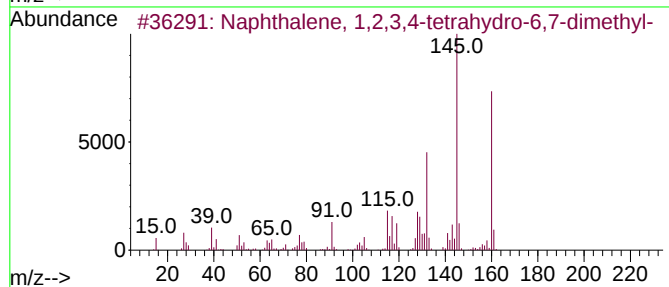
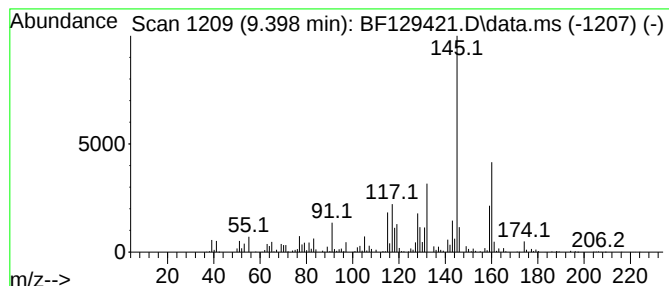
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.398	14.54 ng	936761	Acenaphthene-d10		9.939	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	001076-61-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	020027-77-4	90
3	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	021693-54-9	87
4	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	021564-91-0	81
5	Benzene, 4-(2-butenyl)-1,2-dimet...		160	C12H16	054340-86-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
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ClientSampleId :
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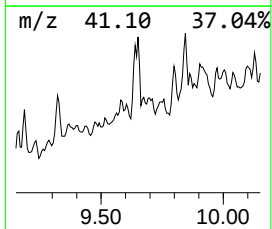
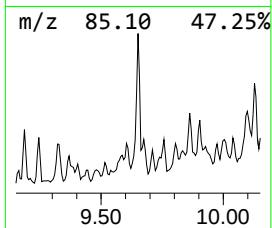
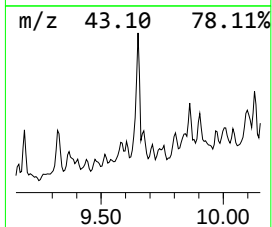
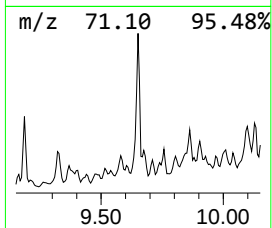
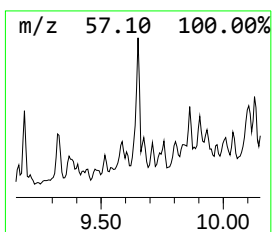
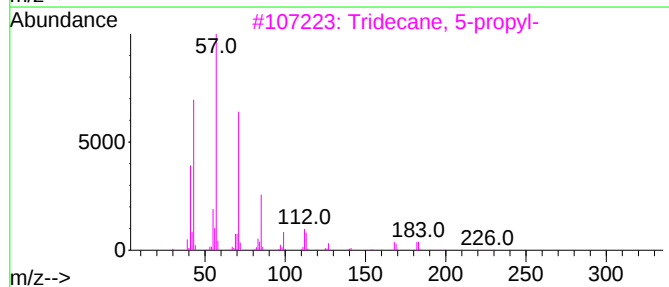
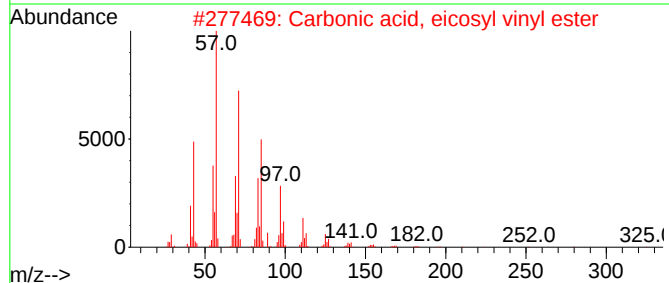
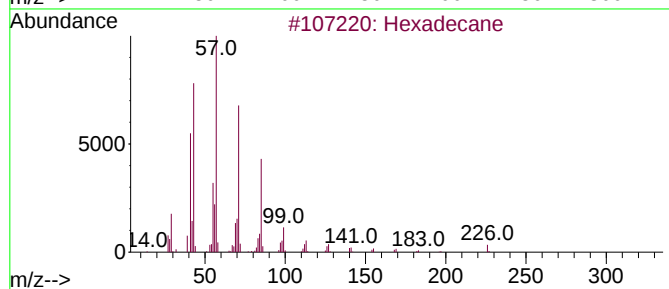
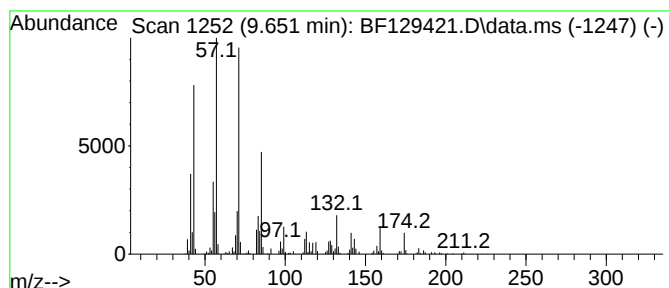
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	107.13 ng	6902310	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	74
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
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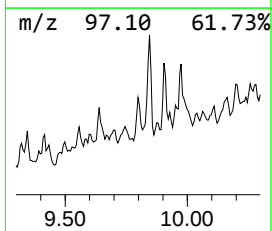
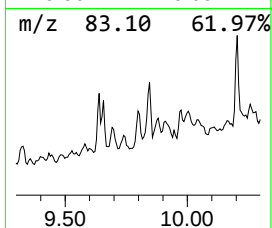
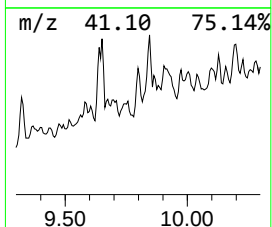
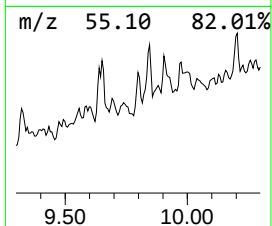
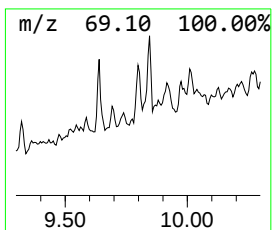
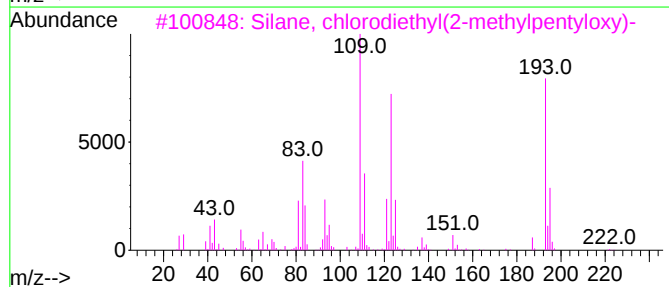
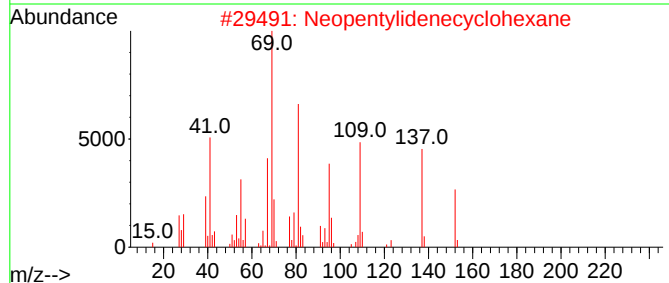
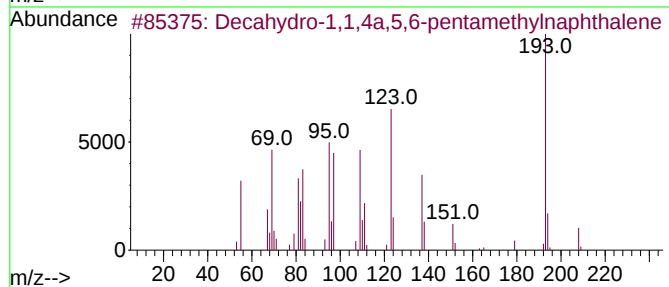
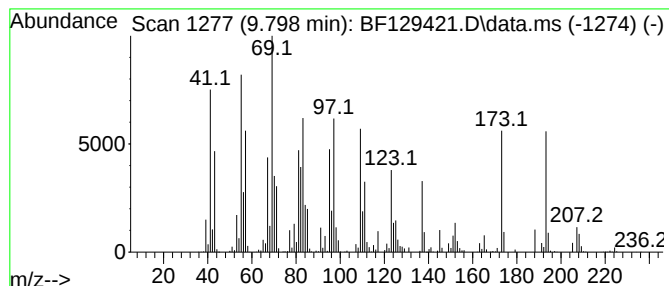
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.798	56.14 ng	3617200	Acenaphthene-d10		9.939	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	50
2	Neopentylidenecyclohexane		152	C11H20	039546-80-0	43
3	Silane, chlorodiethyl(2-methylpe...		222	C10H23ClOSi	1000363-12-7	30
4	4-n-Hexylthiane, S,S-dioxide		218	C11H22O2S	070928-52-8	30
5	Silane, chlorodiethyl(2-methylpe...		222	C10H23ClOSi	1000363-79-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
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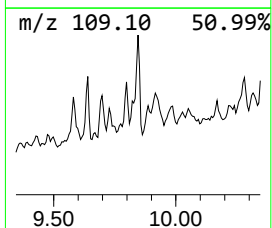
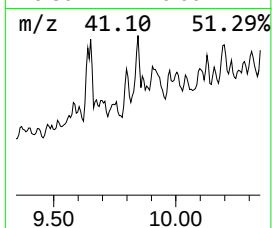
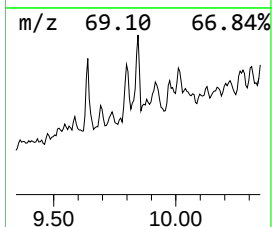
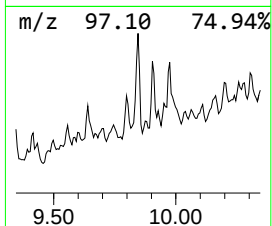
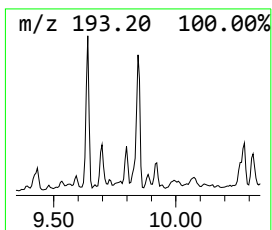
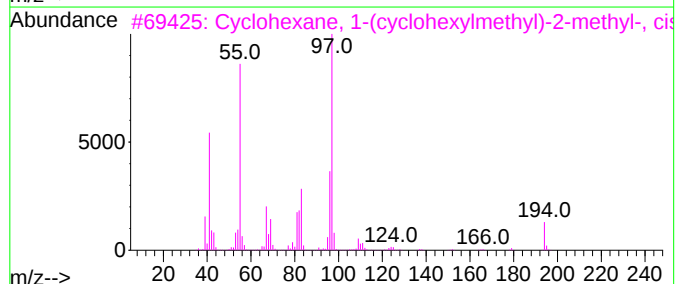
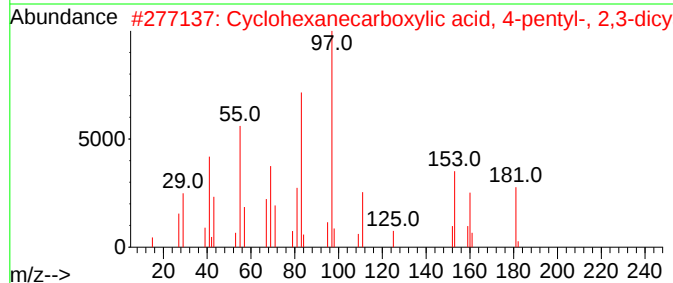
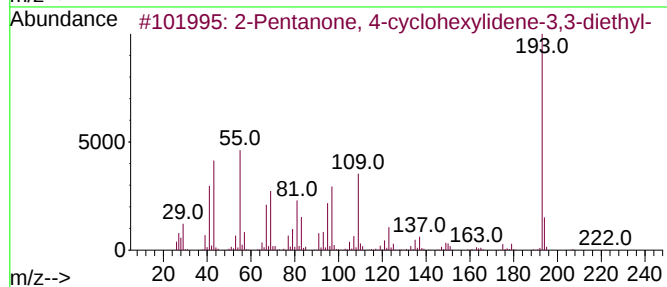
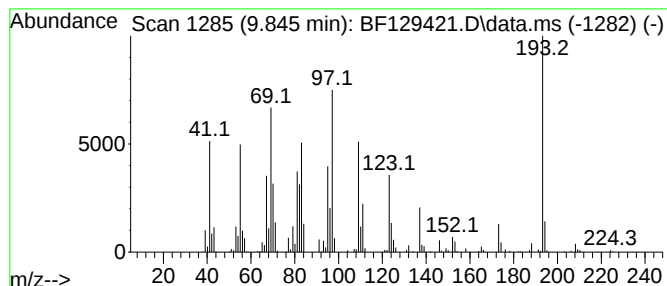
Instrument :
BNA_F
ClientSampleId :
RT2286

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown9.845 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.845	64.02 ng	4125090	Acenaphthene-d10	9.939	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
2	Cyclohexanecarboxylic acid, 4-pe...	368	C22H28N2O3	133856-87-8	27
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	18
4	3a,7a-Epoxy-1H-inden-4(5H)-one, ...	152	C9H12O2	039746-31-1	18
5	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
Operator : CG\JU
Sample : N3944-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2286

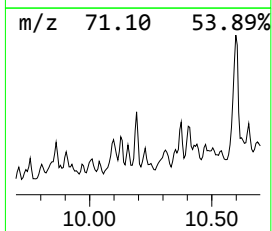
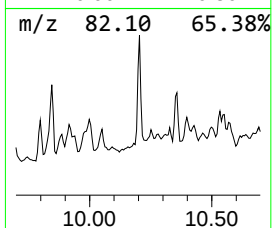
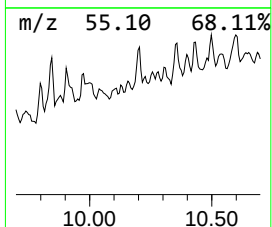
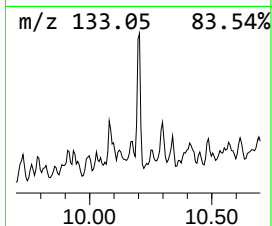
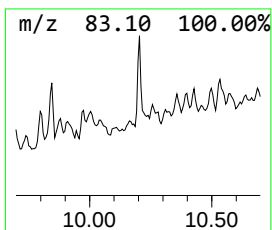
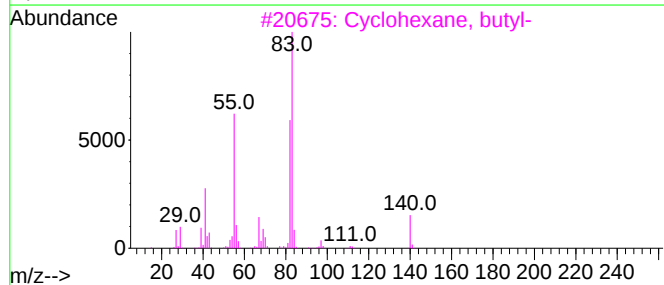
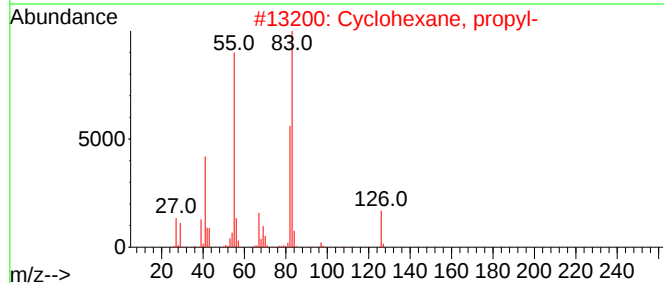
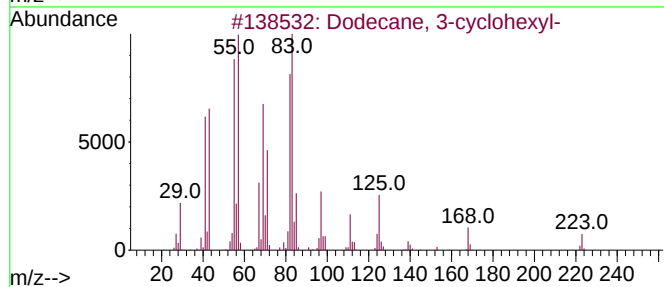
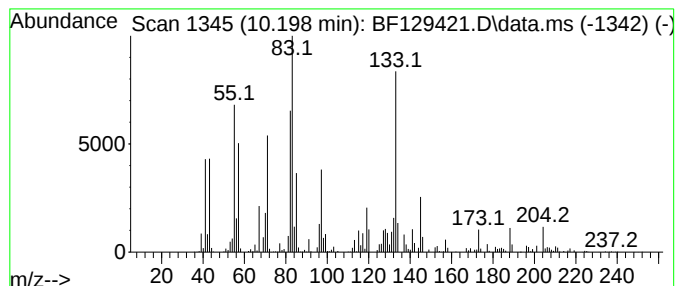
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown10.198 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	43.02 ng	2771610	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-cyclohexyl-	252	C18H36	013151-83-2	35
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	22
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	22
4			Isobutyl octacosyl ether	467	C32H660	1000406-33-4	22
5			Dodecane, 2-cyclohexyl-	252	C18H36	013151-82-1	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
Operator : CG\JU
Sample : N3944-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2286

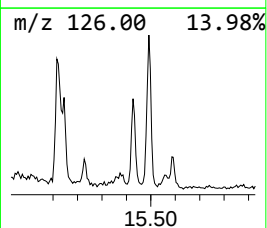
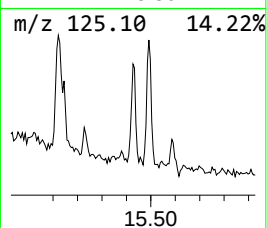
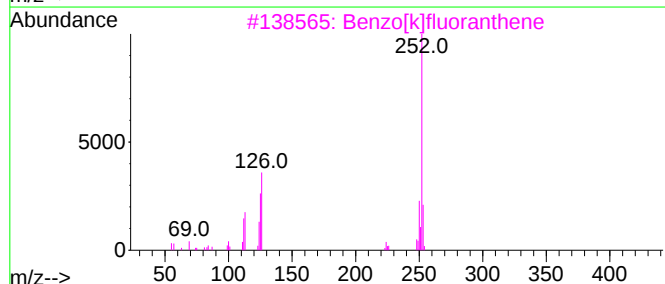
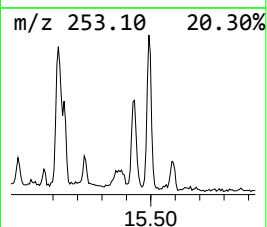
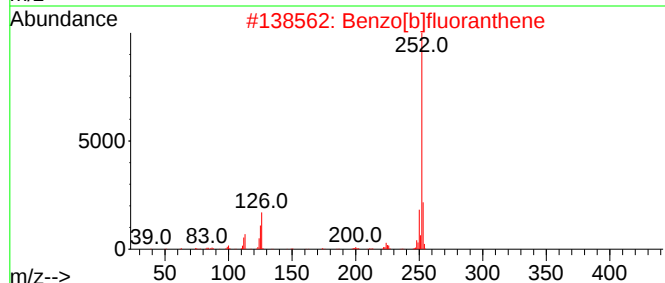
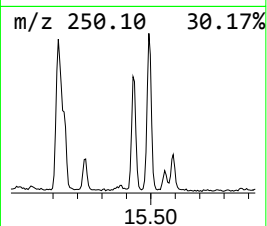
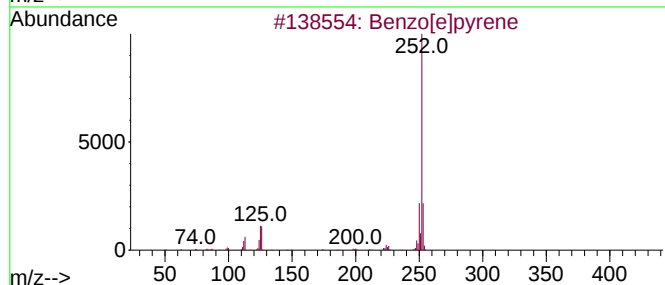
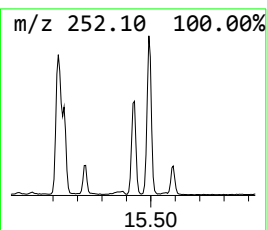
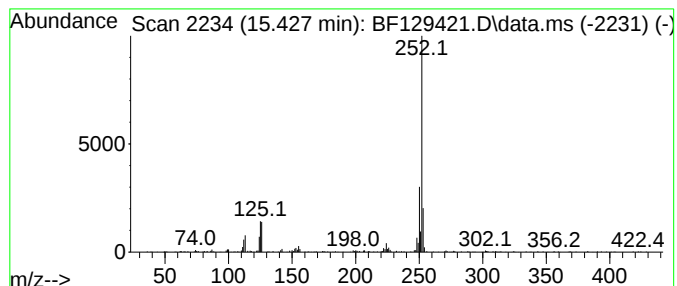
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	6.60 ng	344019	Perylene-d12	15.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5			Perylene	252	C20H12	000198-55-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129421.D
Acq On : 28 Jul 2022 21:57
Operator : CG\JU
Sample : N3944-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2286

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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
trans, cis-3-Et...	8.451	10.3	ng	757847	2	8.169	1467220	20.0
unknown8.545	8.545	5.3	ng	385470	2	8.169	1467220	20.0
Decane, 2,6,7-t...	8.581	8.3	ng	609003	2	8.169	1467220	20.0
Naphthalene, 1,...	8.669	5.9	ng	435940	2	8.169	1467220	20.0
Cyclopentane, (...)	8.698	7.3	ng	533061	2	8.169	1467220	20.0
Tridecane	8.751	5.1	ng	373382	2	8.169	1467220	20.0
unknown8.786	8.786	9.3	ng	683451	2	8.169	1467220	20.0
1,1'-Bicyclohexyl	8.939	8.8	ng	642671	2	8.169	1467220	20.0
Naphthalene, 1,...	8.992	17.6	ng	1294270	2	8.169	1467220	20.0
unknown9.039	9.039	15.3	ng	1124230	2	8.169	1467220	20.0
Benzene, 1-(1,1...	9.133	29.9	ng	1927690	3	9.939	1288640	20.0
unknown9.163	9.163	15.5	ng	999976	3	9.939	1288640	20.0
Nonane, 3,7-dim...	9.186	20.3	ng	1304990	3	9.939	1288640	20.0
2-Pentanone, 4-...	9.322	50.6	ng	3260400	3	9.939	1288640	20.0
Naphthalene, 1,...	9.398	14.5	ng	936761	3	9.939	1288640	20.0
Hexadecane	9.651	107.1	ng	6902310	3	9.939	1288640	20.0
Decahydro-1,1,4...	9.798	56.1	ng	3617200	3	9.939	1288640	20.0
unknown9.845	9.845	64.0	ng	4125090	3	9.939	1288640	20.0
unknown10.198	10.198	43.0	ng	2771610	3	9.939	1288640	20.0
Benzo[e]pyrene	15.427	6.6	ng	344019	6	15.563	1043070	20.0