

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133392.D
 Acq On : 15 May 2023 19:55
 Operator : CG\JU
 Sample : 02782-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-363

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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133392.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.598	250	257	267	rVB	109362	191564	8.33%	0.742%
2	4.875	470	474	482	rBV	249449	292360	12.72%	1.132%
3	5.316	545	549	561	rBV	2099330	2064972	89.81%	7.995%
4	6.157	686	692	696	rBV	168229	162708	7.08%	0.630%
5	6.357	722	726	734	rBV	2408545	2131643	92.71%	8.253%
6	6.557	755	760	764	rBV2	100857	119518	5.20%	0.463%
7	6.716	784	787	794	rBV	1331577	1105291	48.07%	4.279%
8	6.792	795	800	806	rBV	1338804	2176315	94.66%	8.426%
9	7.110	851	854	859	rBV3	120483	132455	5.76%	0.513%
10	7.281	876	883	886	rBV	1596365	1373509	59.74%	5.318%
11	7.322	888	890	893	rVB	341162	247970	10.79%	0.960%
12	7.522	921	924	928	rVB4	117071	137233	5.97%	0.531%
13	7.692	949	953	956	rBV2	149776	171307	7.45%	0.663%
14	7.757	960	964	968	rVB3	191002	217304	9.45%	0.841%
15	7.804	969	972	974	rBV	178744	127363	5.54%	0.493%
16	7.910	985	990	993	rBV3	102239	133375	5.80%	0.516%
17	7.945	993	996	998	rBV	128421	118064	5.14%	0.457%
18	7.998	1000	1005	1008	rBV2	1634944	1804555	78.49%	6.987%
19	8.075	1016	1018	1020	rVB2	142475	119770	5.21%	0.464%
20	8.310	1052	1058	1059	rBV3	303649	477632	20.77%	1.849%
21	8.322	1059	1060	1063	rVB2	358571	220822	9.60%	0.855%
22	8.351	1063	1065	1068	rBV2	373337	309583	13.47%	1.199%
23	8.386	1068	1071	1074	rBV	533366	389134	16.93%	1.507%
24	8.428	1075	1078	1080	rBV	485416	409249	17.80%	1.585%
25	8.510	1088	1092	1094	rBV2	210308	240397	10.46%	0.931%
26	8.545	1094	1098	1100	rBV4	157936	219483	9.55%	0.850%
27	8.598	1105	1107	1110	rVB	594609	462309	20.11%	1.790%
28	8.628	1110	1112	1114	rBV	152474	153602	6.68%	0.595%
29	8.663	1115	1118	1119	rBV2	246478	205596	8.94%	0.796%
30	8.716	1125	1127	1130	rVB	861098	644194	28.02%	2.494%
31	8.745	1130	1132	1133	rBV	160456	135856	5.91%	0.526%
32	8.810	1140	1143	1150	rBV3	515159	780302	33.94%	3.021%
33	8.886	1153	1156	1158	rBV	1090160	1043891	45.40%	4.042%
34	8.904	1158	1159	1162	rVB2	413829	244063	10.62%	0.945%
35	8.933	1162	1164	1166	rBV	494648	321437	13.98%	1.245%
36	8.969	1167	1170	1172	rVB	749811	592743	25.78%	2.295%

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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-BF042123.M
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37	9.010	1172	1177	1179	rBV2	755264	1145657	49.83%	4.436%
38	9.080	1185	1189	1192	rVB	2614619	2299154	100.00%	8.902%
39	9.116	1193	1195	1198	rBV2	531708	569035	24.75%	2.203%
40	9.169	1201	1204	1210	rBV4	819325	1289866	56.10%	4.994%
41	9.392	1240	1242	1245	rBV4	735578	846836	36.83%	3.279%

Sum of corrected areas: 25828117

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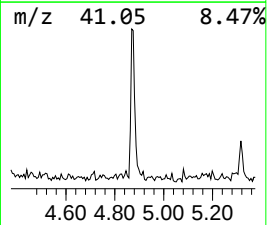
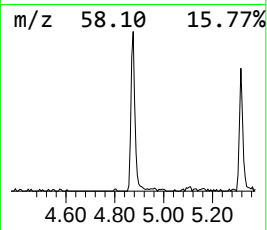
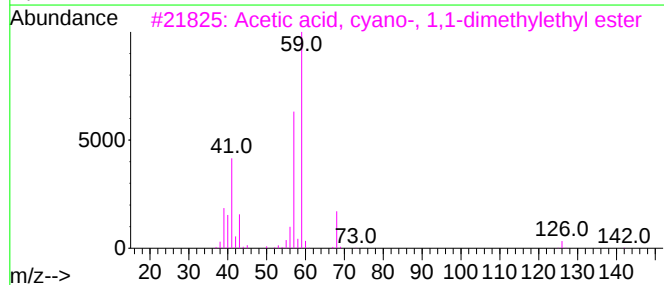
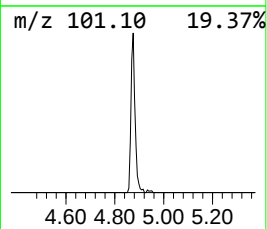
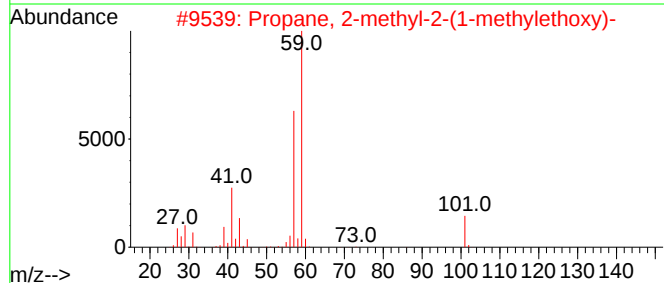
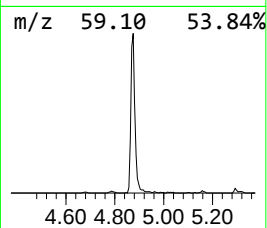
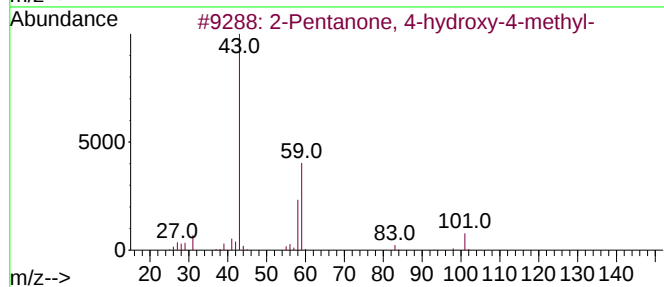
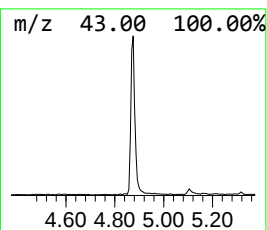
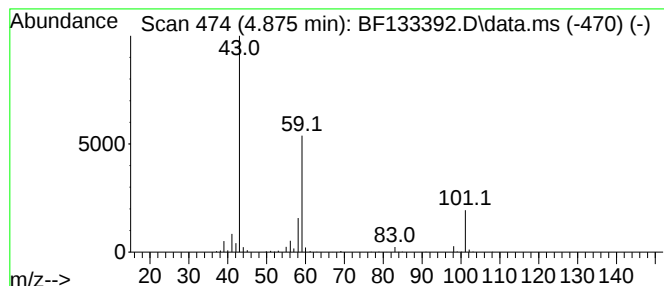
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	5.29 ng	292360	1,4-Dichlorobenzene-d4	6.716

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9



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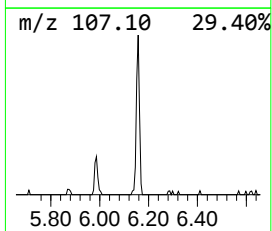
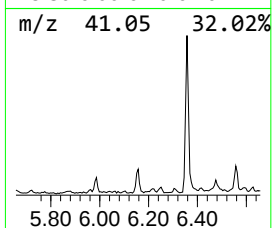
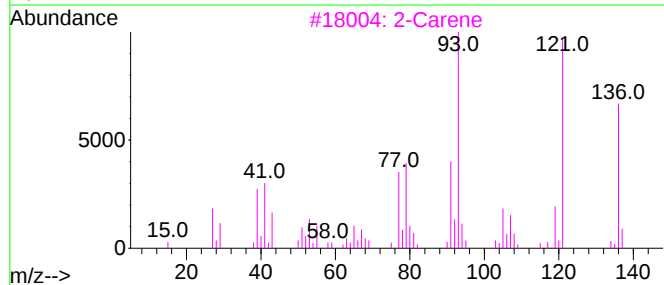
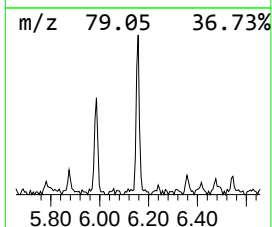
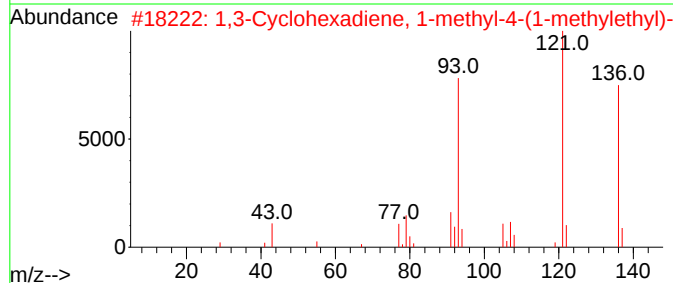
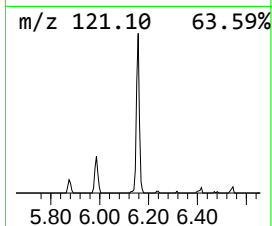
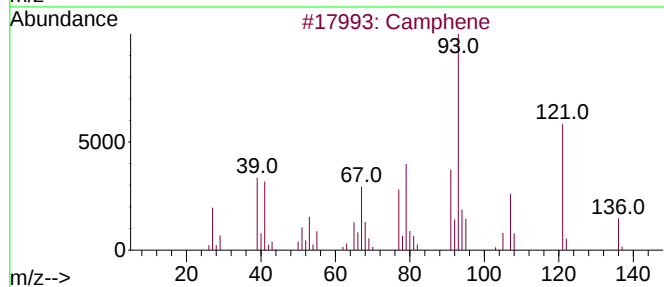
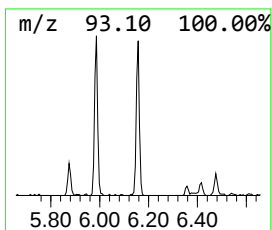
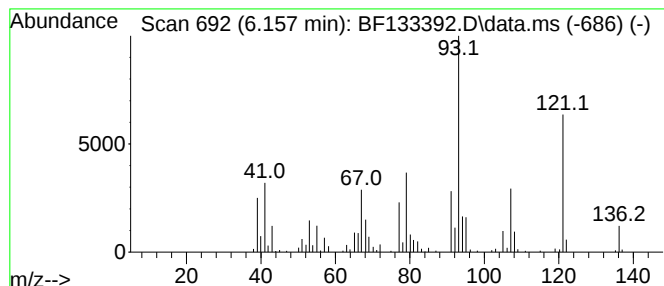
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Camphene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.157	2.94 ng	162708	1,4-Dichlorobenzene-d4	6.716

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	97
2			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	90
3			2-Carene	136	C10H16	000554-61-0	87
4			(+)-4-Carene	136	C10H16	029050-33-7	83
5			.beta.-Pinene	136	C10H16	000127-91-3	72



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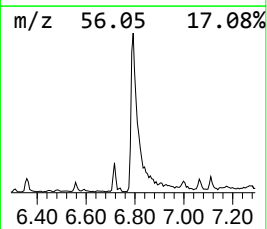
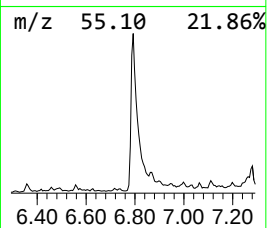
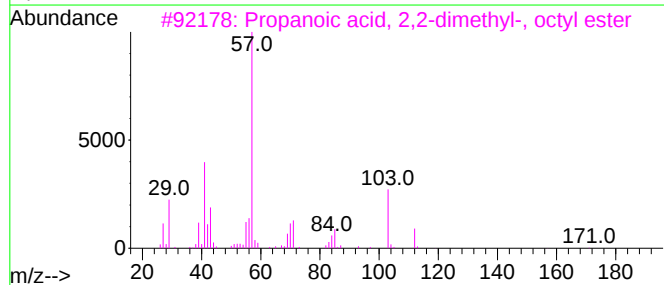
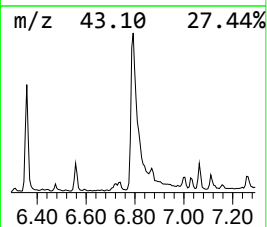
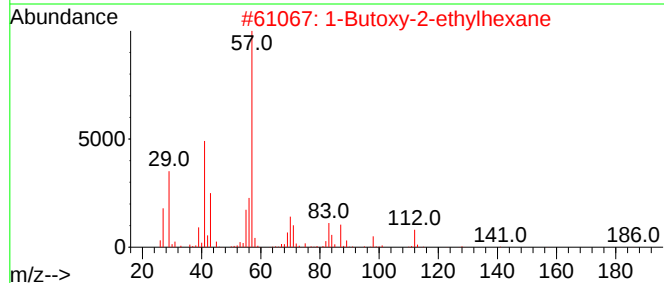
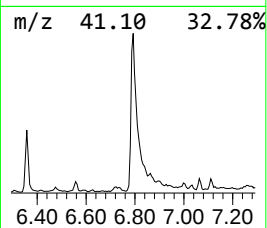
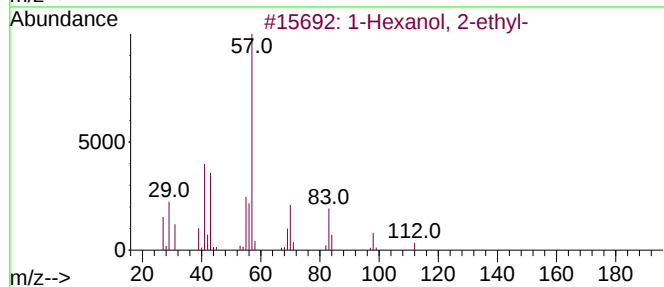
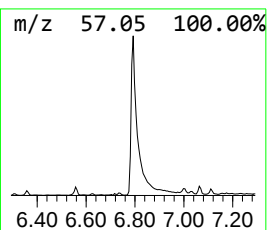
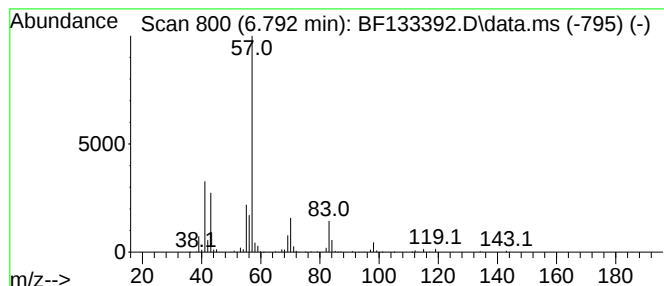
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.792	39.38 ng	2176320	1,4-Dichlorobenzene-d4	6.716

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	64
2	1-Butoxy-2-ethylhexane			186	C12H26O	062625-25-6	56
3	Propanoic acid, 2,2-dimethyl-, o...			214	C13H26O2	027751-88-8	45
4	Carbonic acid, heptyl vinyl ester			186	C10H18O3	1010383-25-4	43
5	1-Pentanol, 2-ethyl-4-methyl-			130	C8H18O	000106-67-2	42



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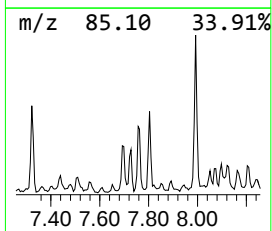
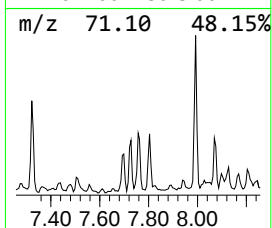
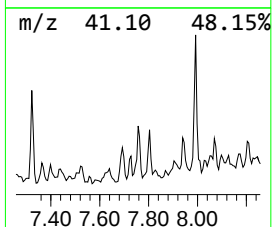
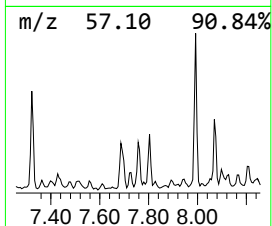
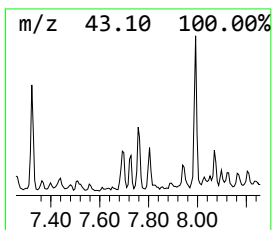
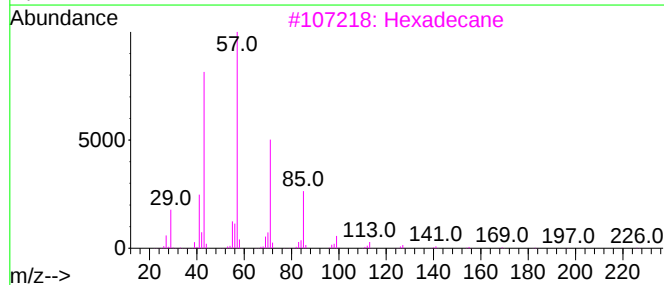
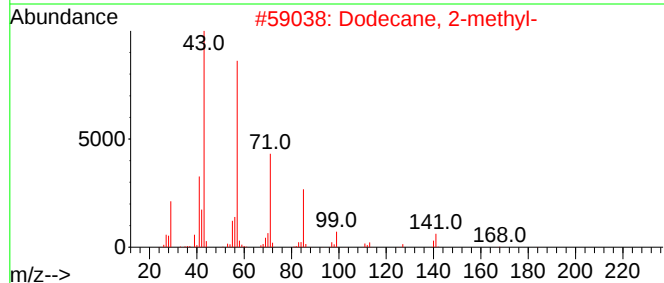
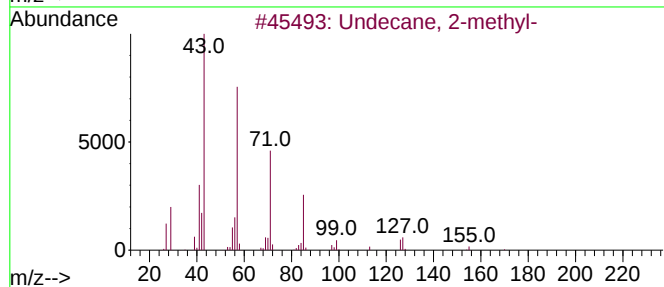
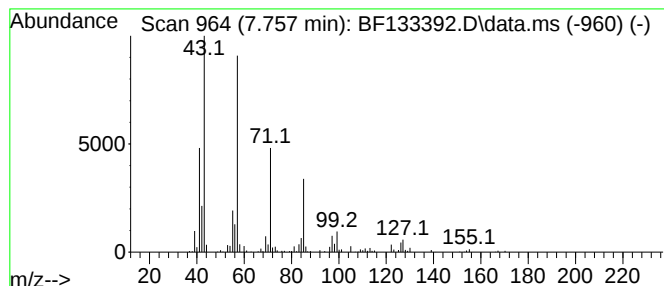
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.757	2.41 ng	217304	Naphthalene-d8	8.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	83		
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80		
3	Hexadecane	226	C16H34	000544-76-3	64		
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64		
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	58		



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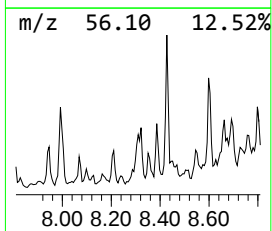
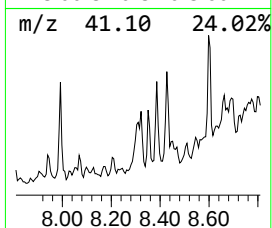
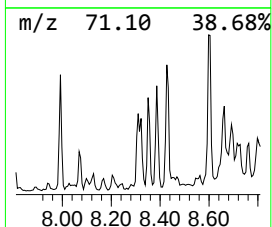
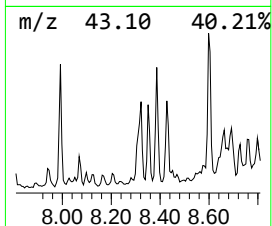
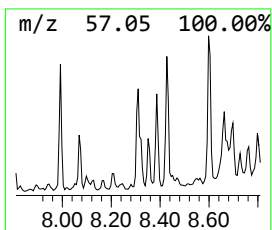
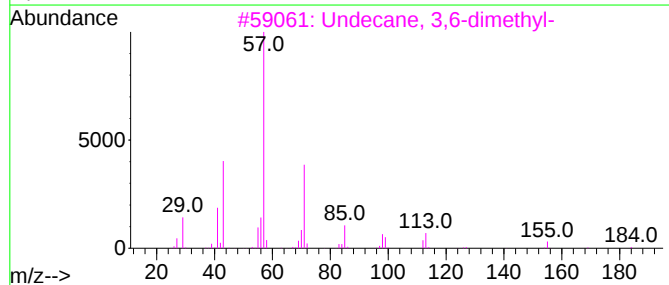
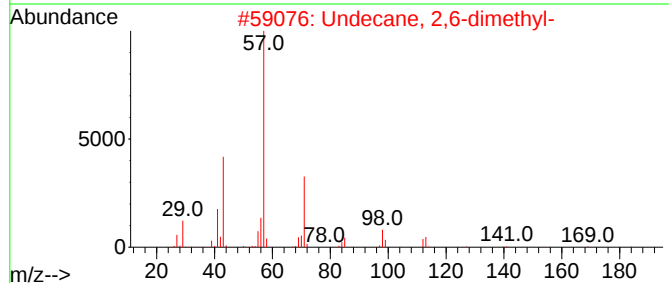
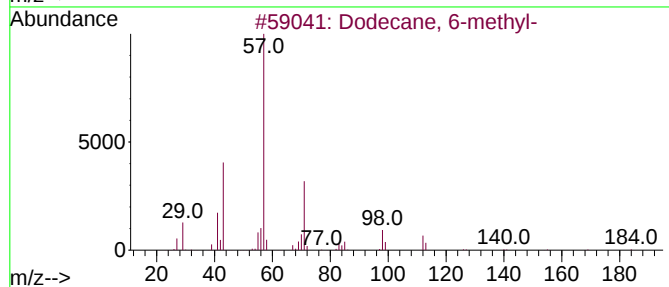
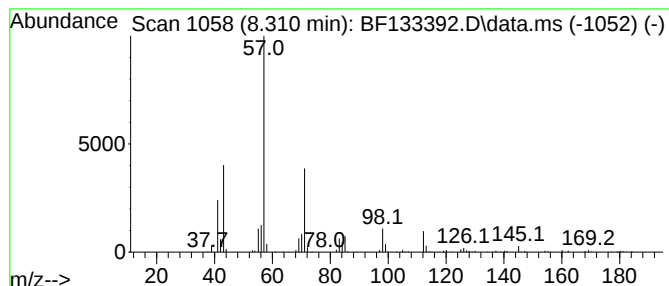
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.310	5.29 ng	477632	Naphthalene-d8	8.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 6-methyl-	184	C13H28	006044-71-9	94
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	81
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133392.D
Acq On : 15 May 2023 19:55
Operator : CG\JU
Sample : 02782-02
Misc :
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Instrument :
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ClientSampleId :
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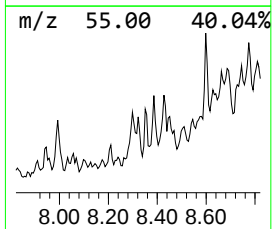
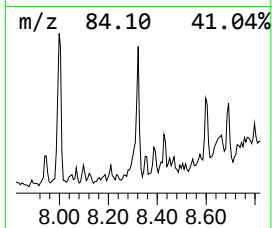
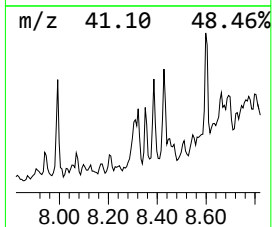
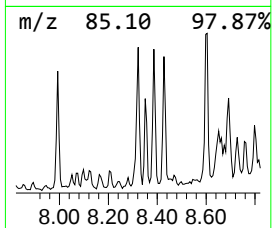
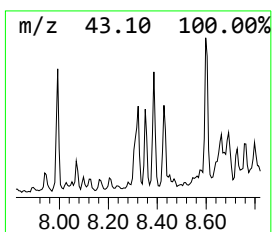
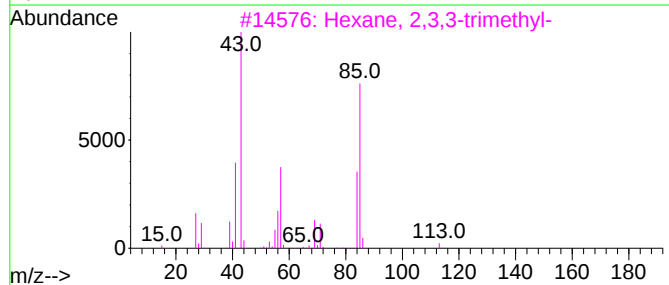
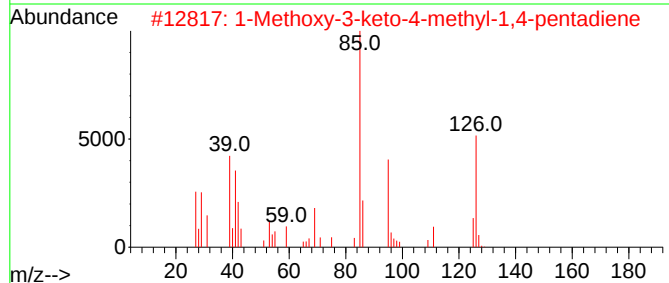
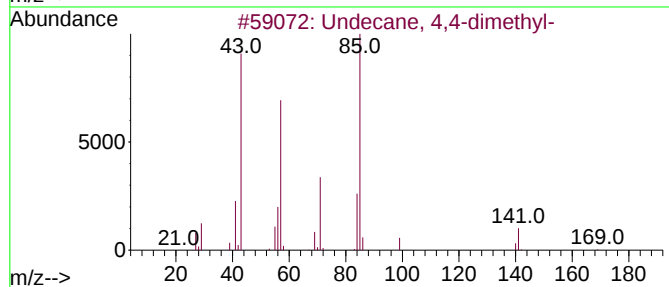
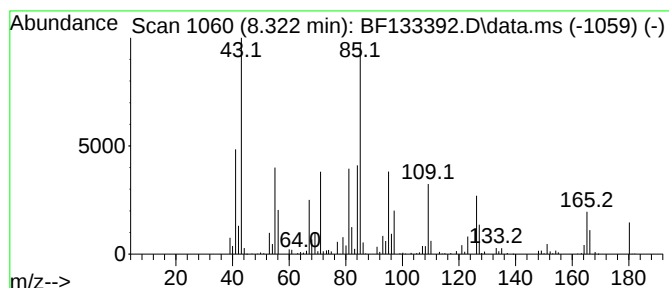
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.322 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.322	2.45 ng	220822	Naphthalene-d8	8.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	35
2			1-Methoxy-3-keto-4-methyl-1,4-pe...	126	C7H10O2	052204-73-6	35
3			Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	27
4			Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	27
5			Undec-10-ynoic acid, 4-methyl-2-...	266	C17H30O2	1000406-15-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133392.D
Acq On : 15 May 2023 19:55
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Misc :
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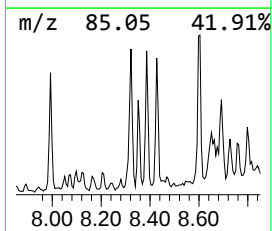
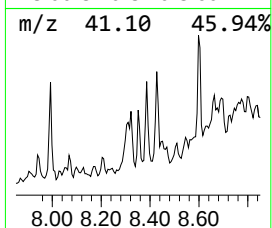
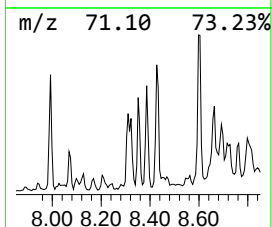
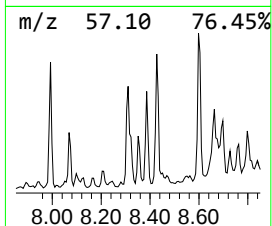
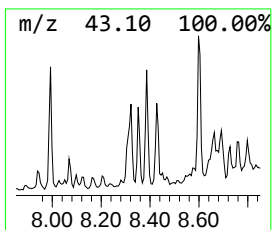
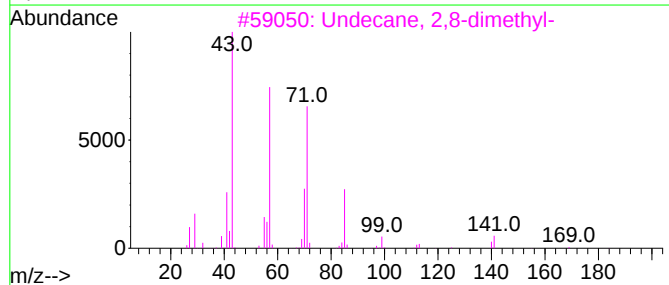
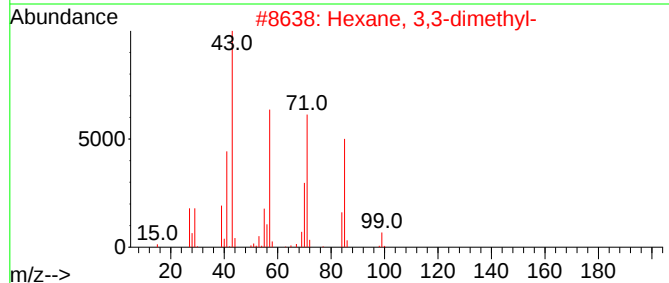
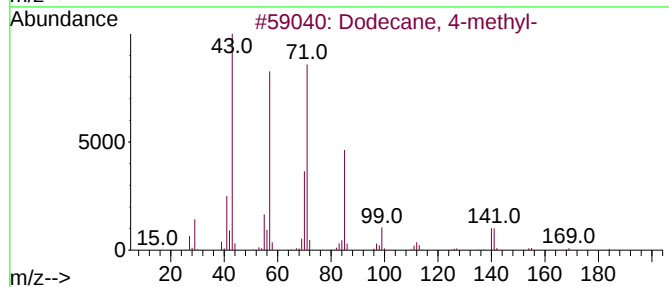
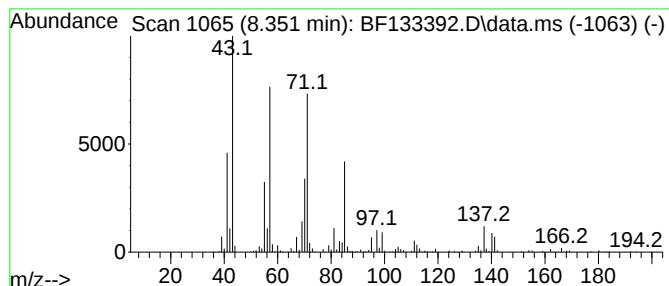
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.351	3.43 ng	309583	Naphthalene-d8	8.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3			Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	59
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	59
5			Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133392.D
Acq On : 15 May 2023 19:55
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Instrument :
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ClientSampleId :
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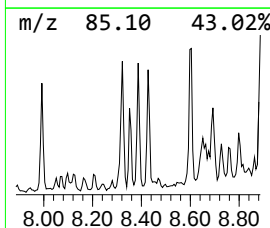
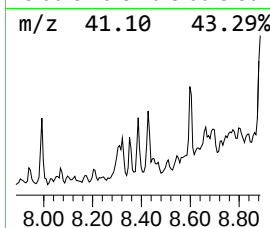
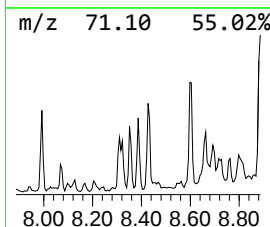
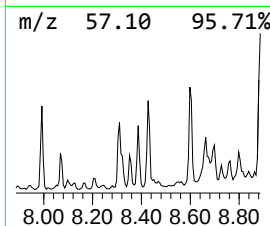
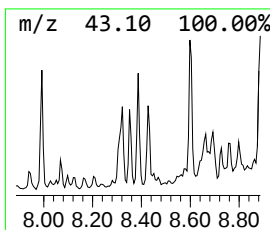
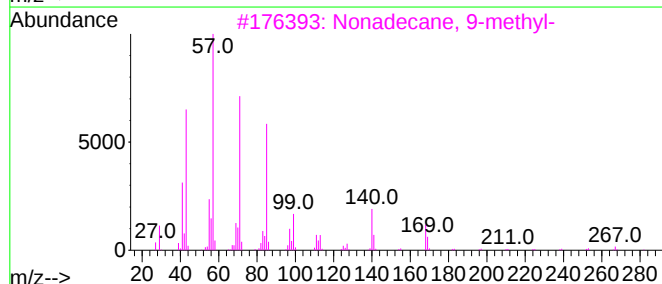
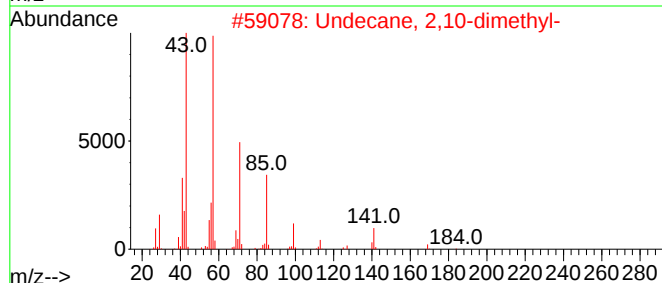
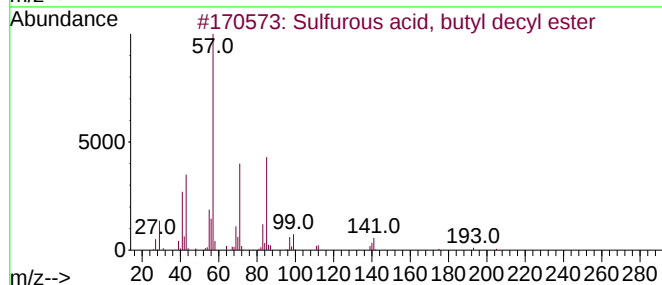
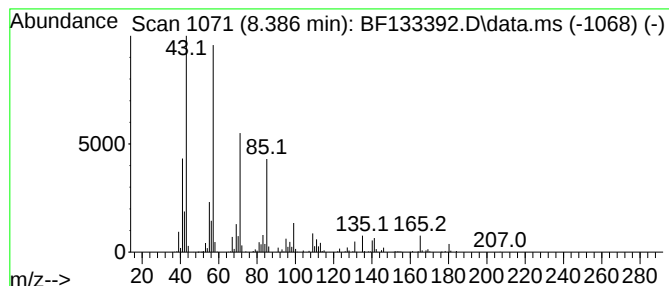
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, butyl decyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.386	4.31 ng	389134	Naphthalene-d8	8.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80
2		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	74
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133392.D
Acq On : 15 May 2023 19:55
Operator : CG\JU
Sample : 02782-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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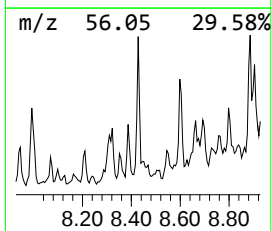
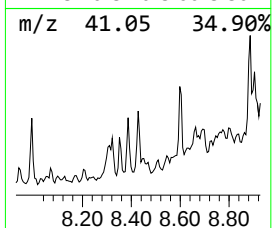
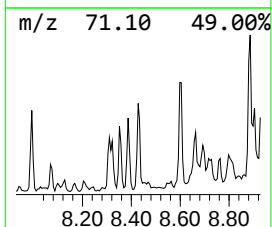
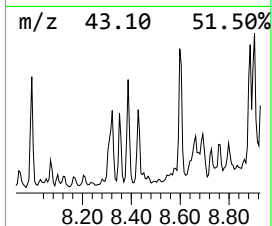
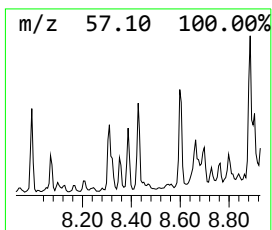
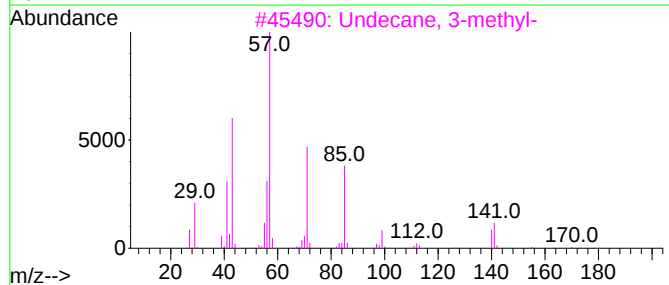
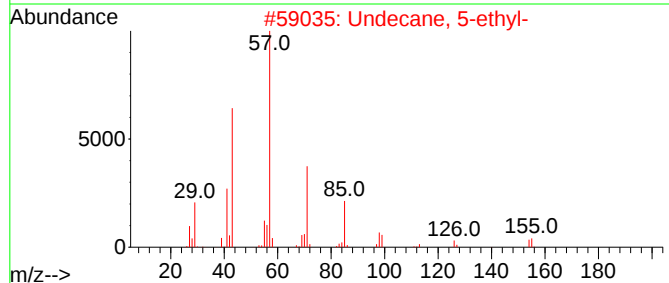
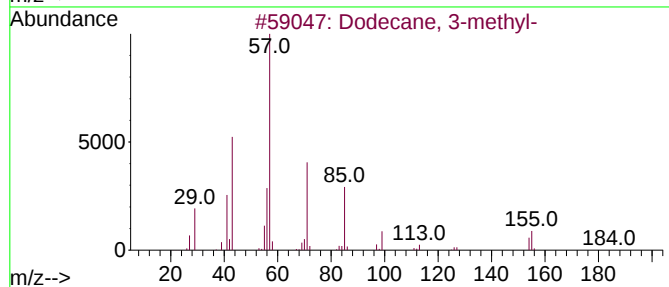
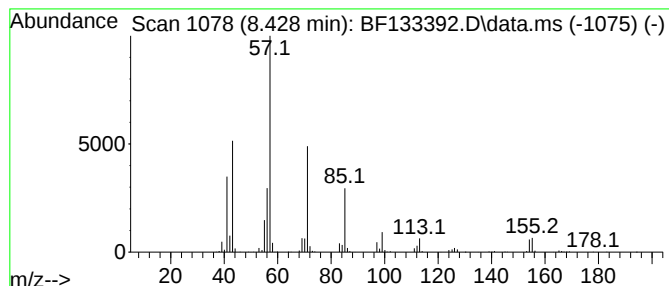
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.428	4.54 ng	409249	Naphthalene-d8	8.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 3-methyl-	184	C13H28	017312-57-1	86
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133392.D
Acq On : 15 May 2023 19:55
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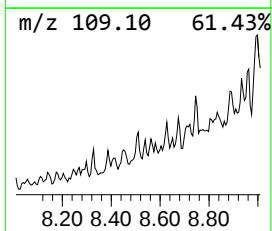
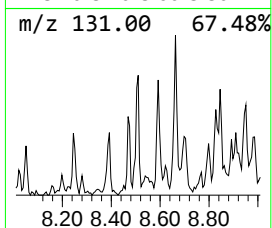
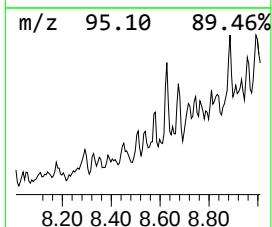
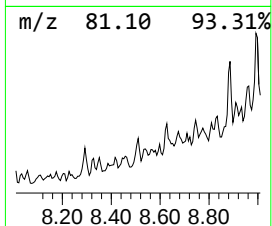
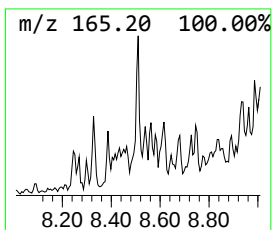
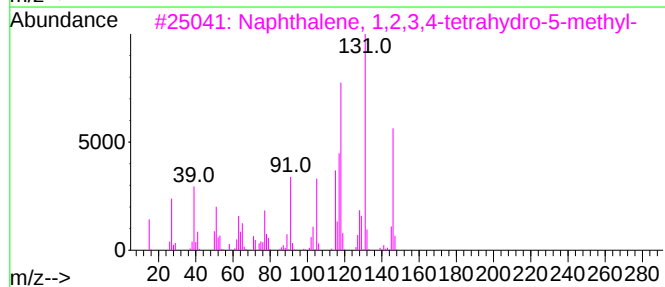
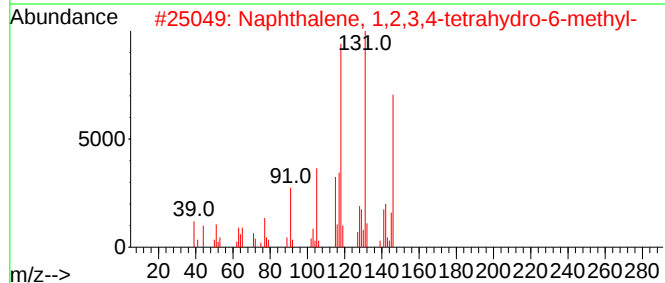
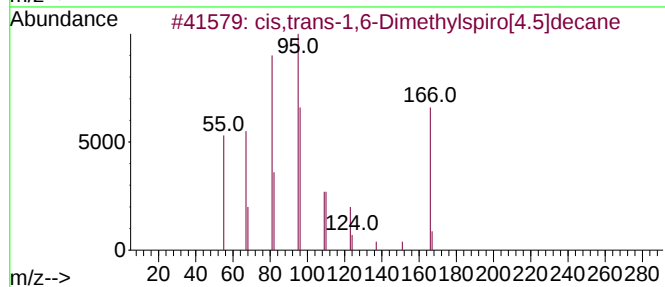
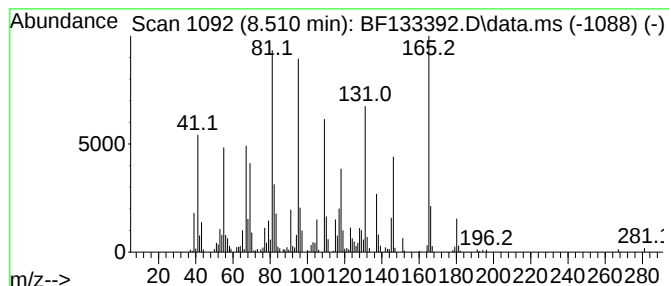
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 cis,trans-1,6-Dimethylspiro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.510	2.66 ng	240397	Naphthalene-d8	8.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	56
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	48
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	47
4		cis,cis-2,9-Dimethylspiro[5.5]un...	180	C13H24	095472-51-8	30
5		Cyclohexene,3-butyl-	138	C10H18	003983-07-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133392.D
Acq On : 15 May 2023 19:55
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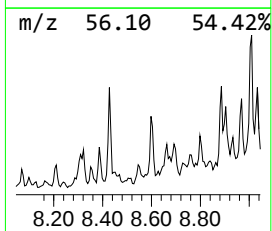
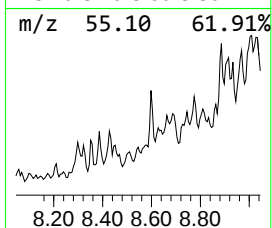
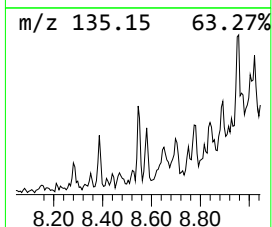
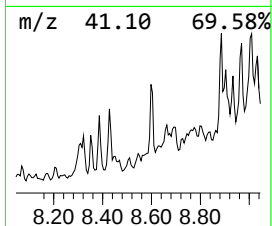
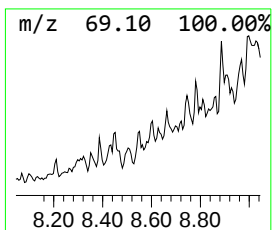
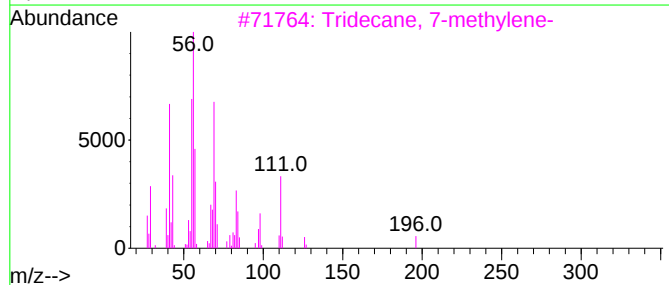
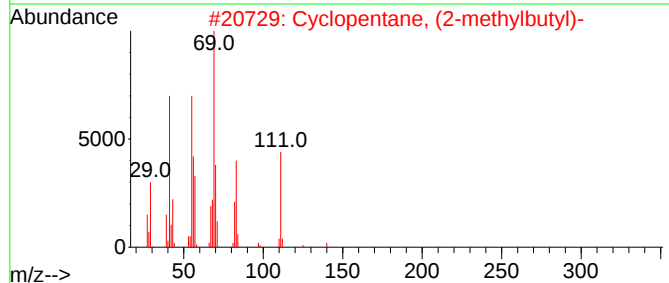
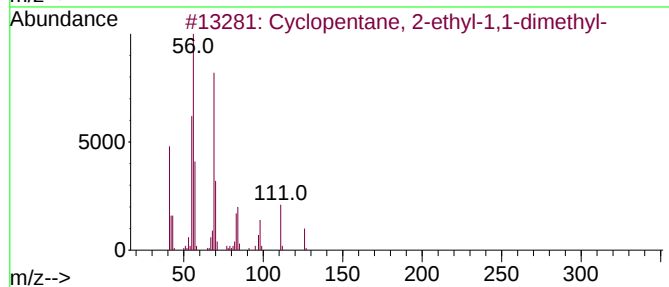
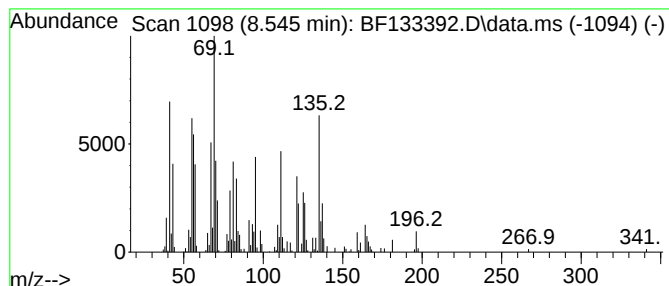
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.545 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	2.43 ng	219483	Naphthalene-d8	8.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	49
2			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	46
3			Tridecane, 7-methylene-	196	C14H28	019780-80-4	43
4			Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	35
5			6-Dodecene, (E)-	168	C12H24	007206-17-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133392.D
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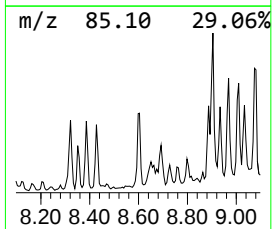
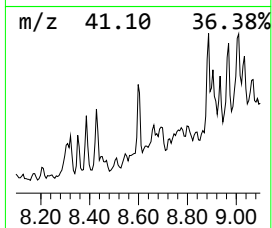
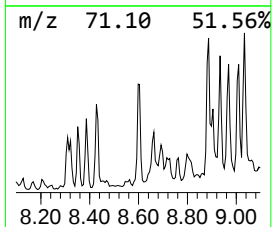
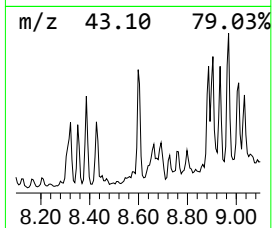
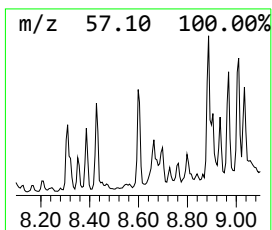
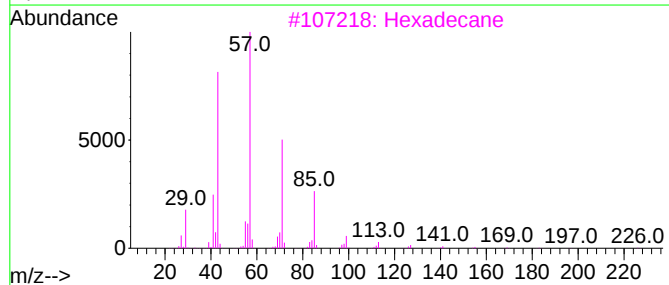
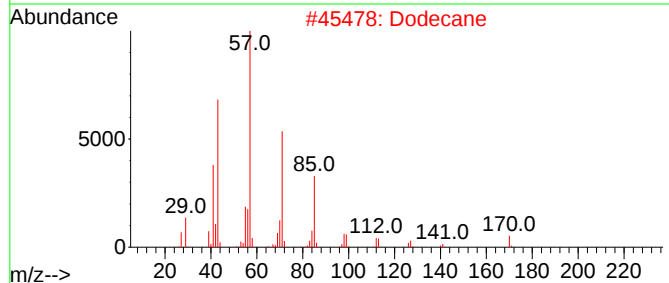
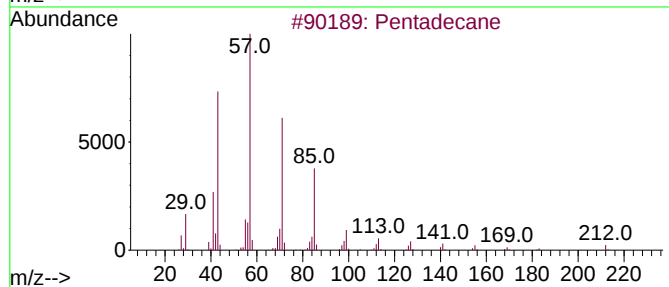
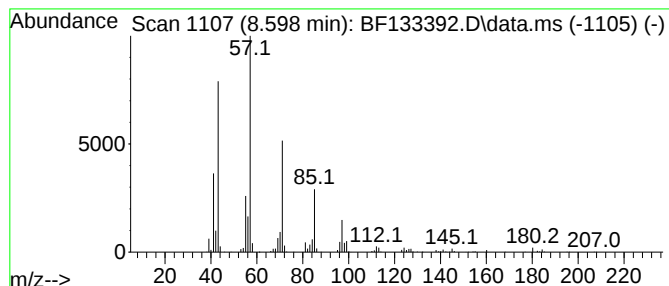
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	5.12 ng	462309	Naphthalene-d8	8.004

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	80
2		Dodecane	170	C12H26	000112-40-3	80
3		Hexadecane	226	C16H34	000544-76-3	80
4		Tridecane	184	C13H28	000629-50-5	80
5		Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133392.D
Acq On : 15 May 2023 19:55
Operator : CG\JU
Sample : 02782-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-363

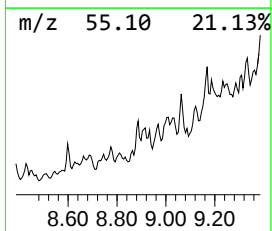
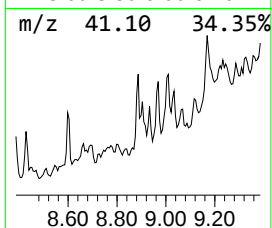
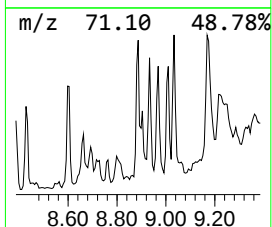
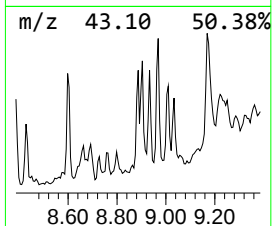
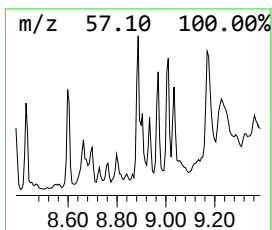
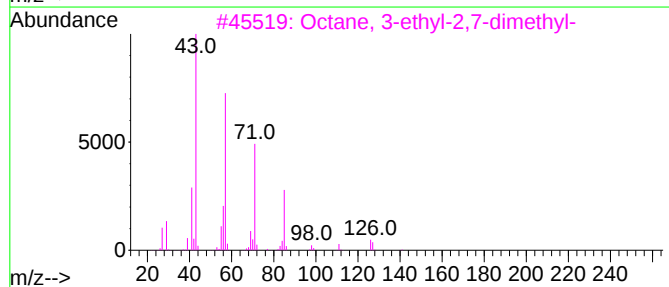
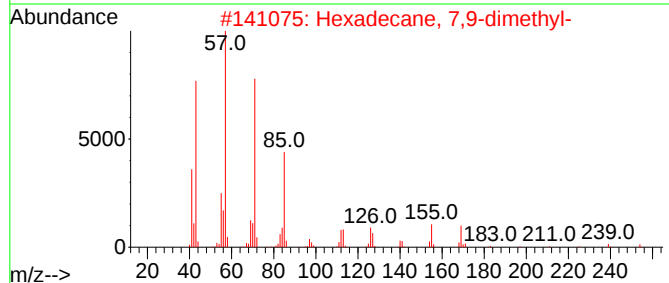
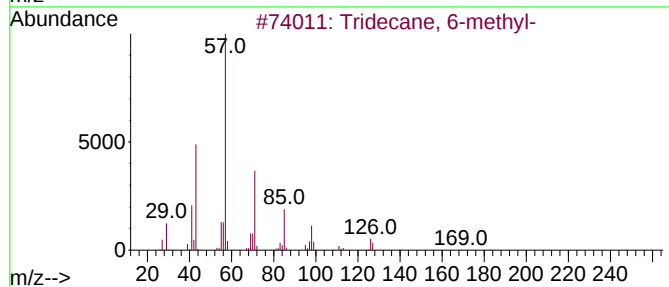
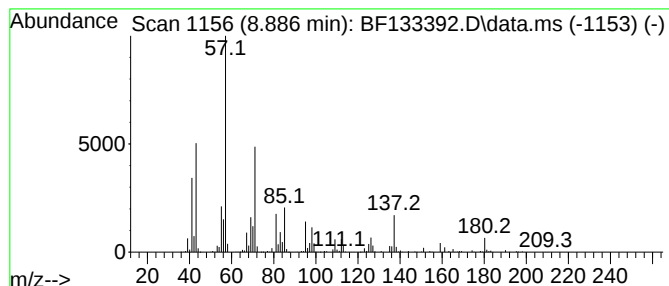
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 6-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.886	24.65 ng	1043890	Acenaphthene-d10	9.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	43
3		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	43
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	43
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
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Instrument :
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ClientSampleId :
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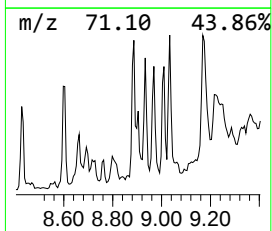
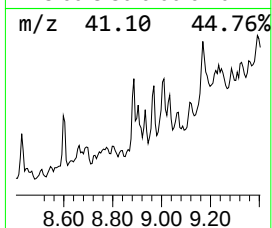
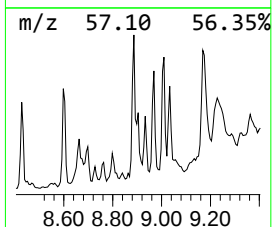
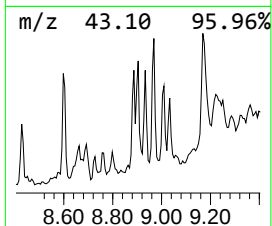
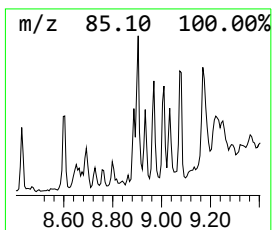
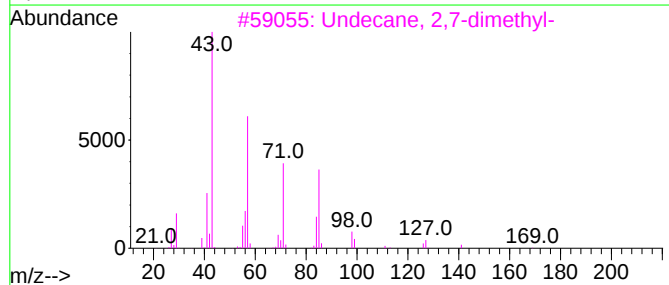
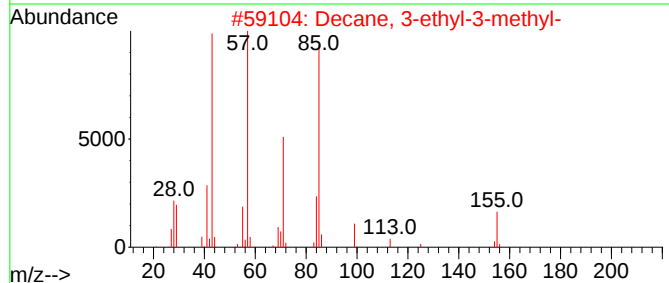
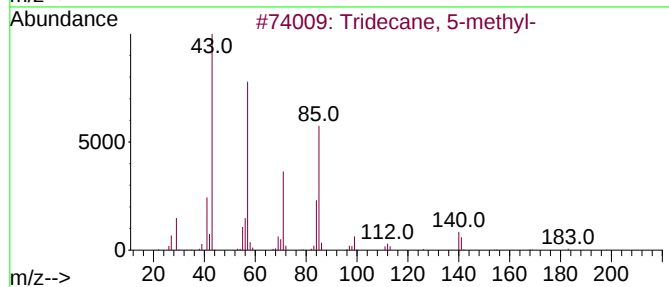
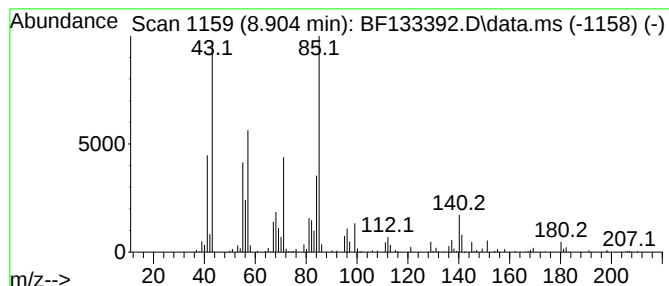
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.904	5.76 ng	244063	Acenaphthene-d10	9.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 5-methyl-	198	C14H30	025117-31-1	53
2		Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	38
3		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	38
4		9-methylheptadecane	254	C18H38	026741-18-4	38
5		Nonane, 5-methyl-	142	C10H22	015869-85-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133392.D
Acq On : 15 May 2023 19:55
Operator : CG\JU
Sample : 02782-02
Misc :
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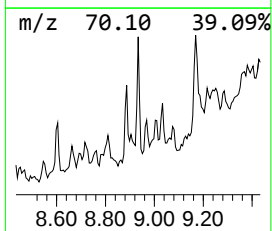
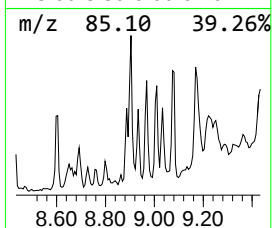
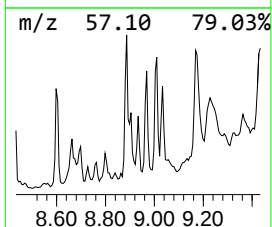
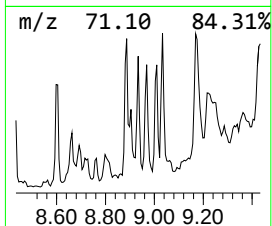
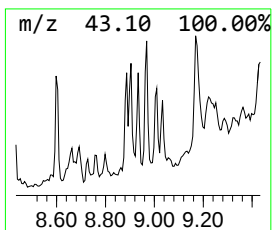
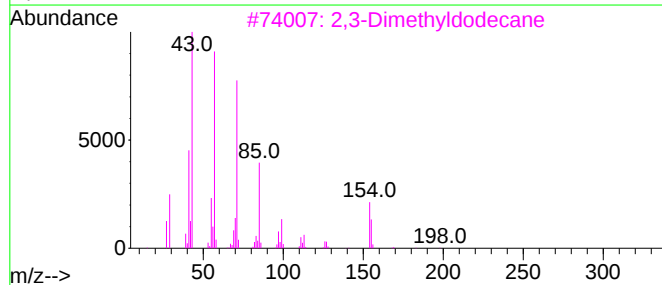
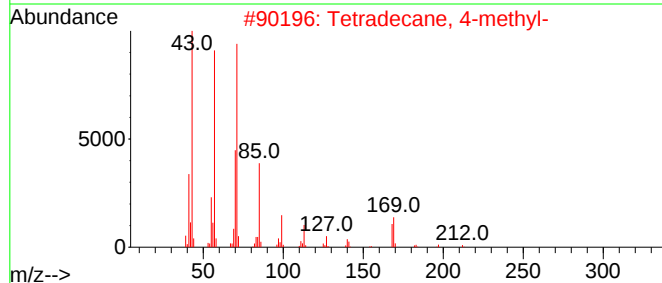
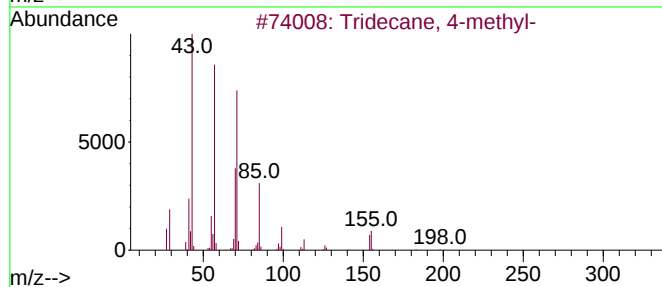
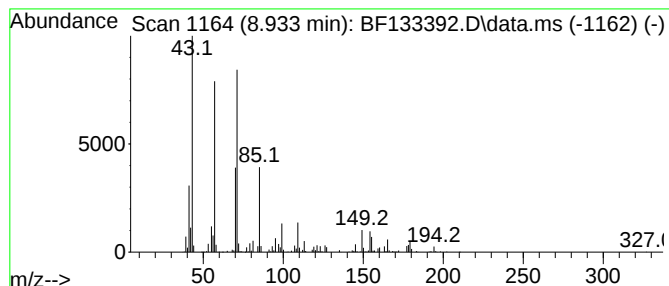
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.933	7.59 ng	321437	Acenaphthene-d10	9.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	94
2	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
3	2,3-Dimethyldodecane	198	C14H30	006117-98-2	58
4	Undecane, 3-ethyl-	184	C13H28	017312-58-2	47
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
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Sample : 02782-02
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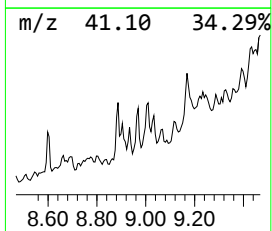
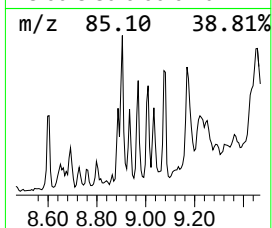
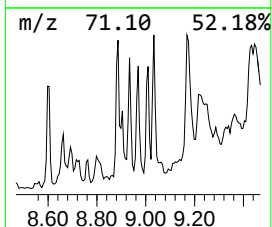
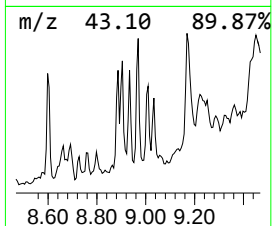
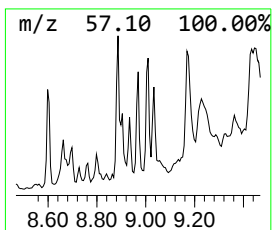
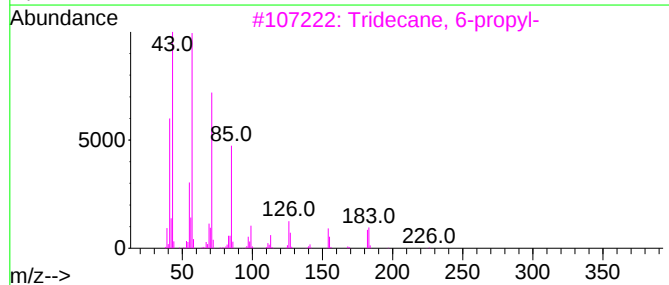
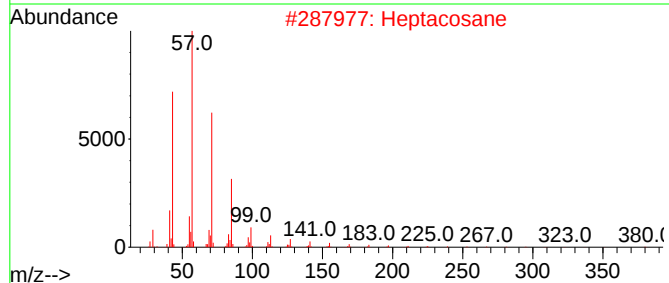
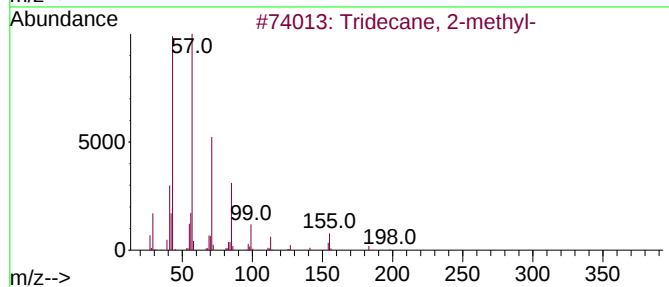
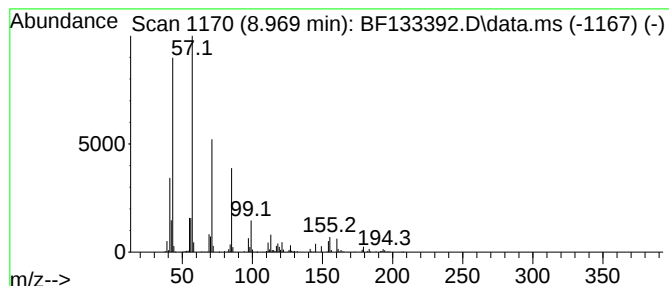
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.969	14.00 ng	592743	Acenaphthene-d10	9.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	95
2	Heptacosane	380	C27H56	000593-49-7	74
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133392.D
Acq On : 15 May 2023 19:55
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Misc :
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Instrument :
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ClientSampleId :
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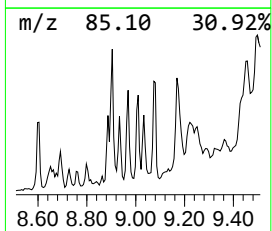
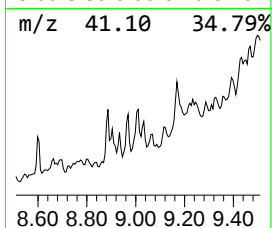
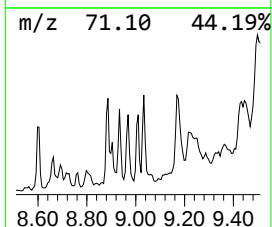
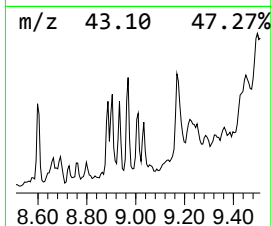
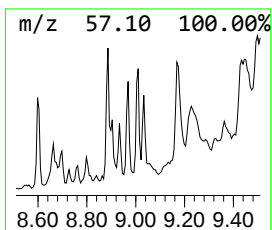
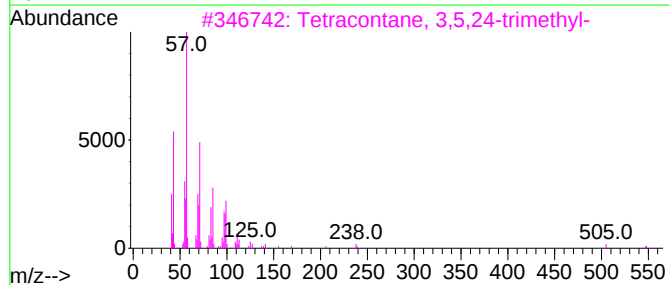
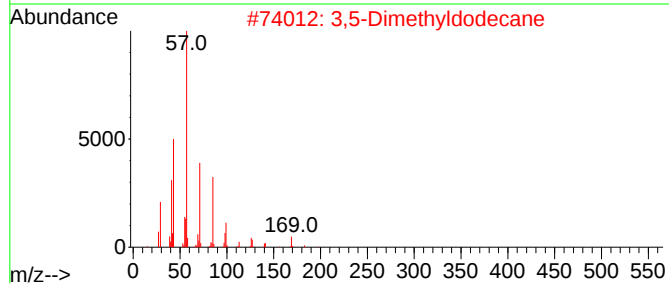
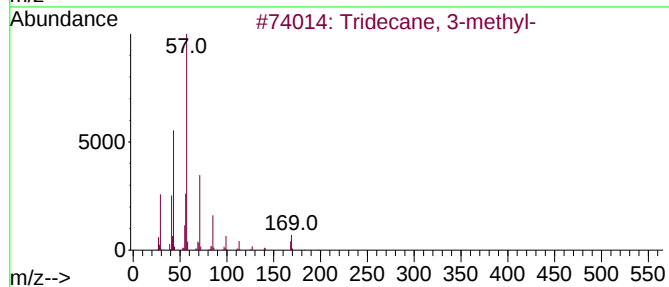
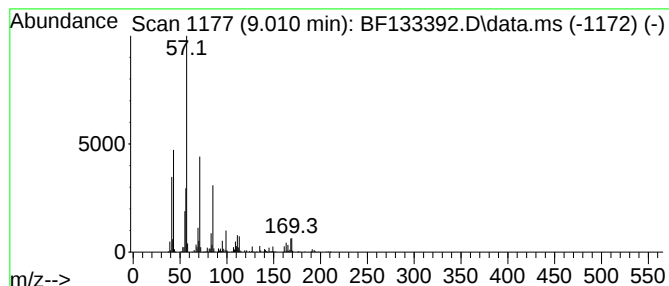
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	27.06 ng	1145660	Acenaphthene-d10	9.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 3-methyl-	198	C14H30	006418-41-3	94
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	81
3		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	64
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
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Acq On : 15 May 2023 19:55
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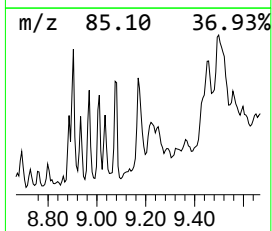
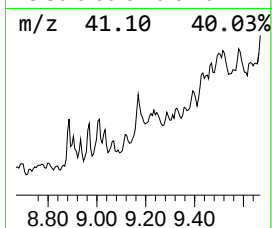
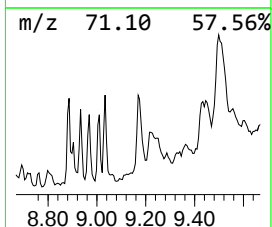
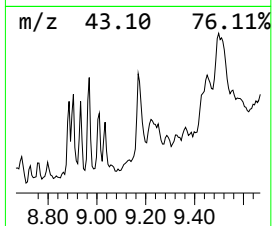
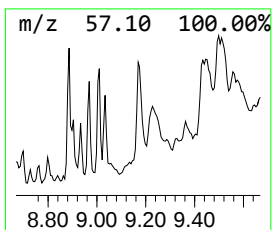
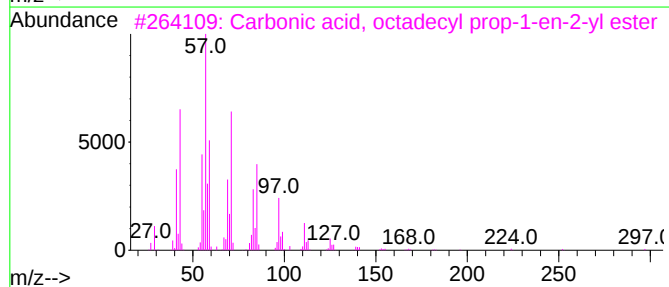
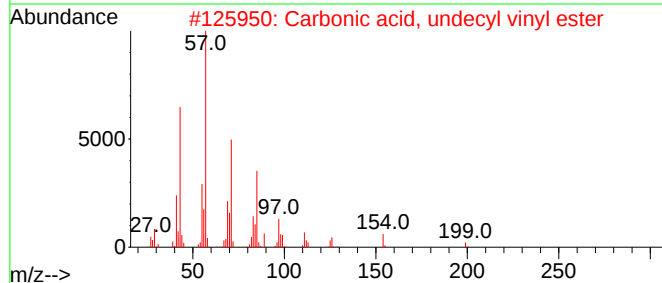
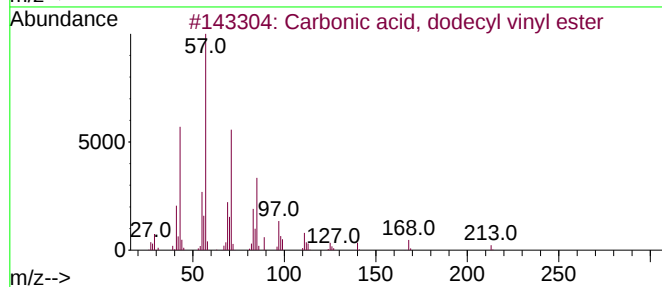
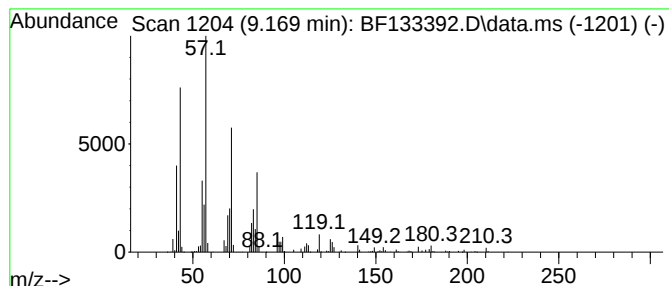
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Carbonic acid, dodecyl vinyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.169	30.46 ng	1289870	Acenaphthene-d10	9.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	90
2	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	90
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	74
4	Nonadecane	268	C19H40	000629-92-5	64
5	Tetradecane	198	C14H30	000629-59-4	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133392.D
Acq On : 15 May 2023 19:55
Operator : CG\JU
Sample : 02782-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

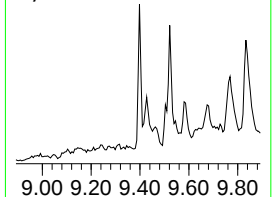
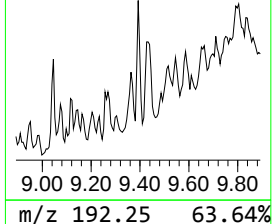
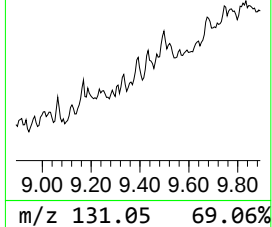
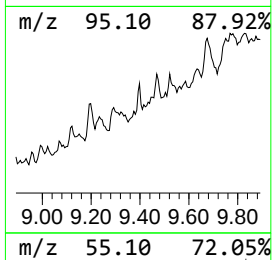
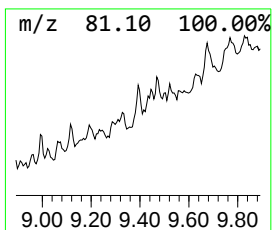
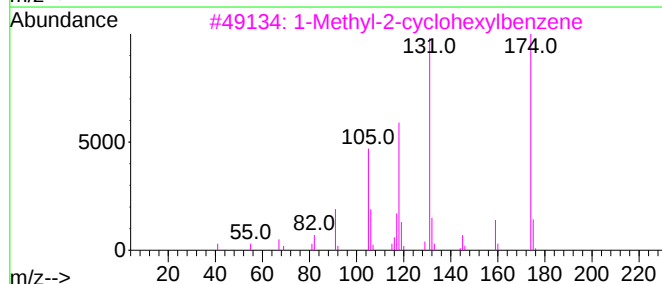
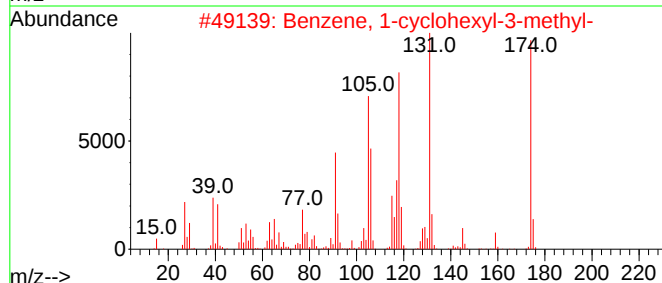
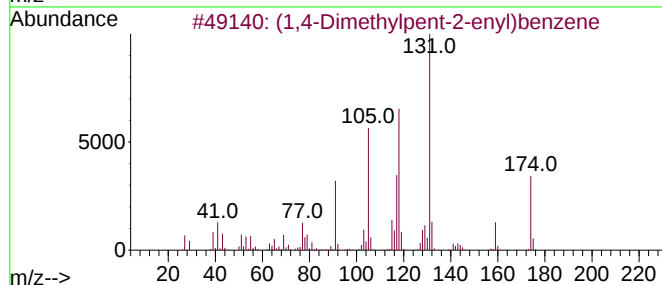
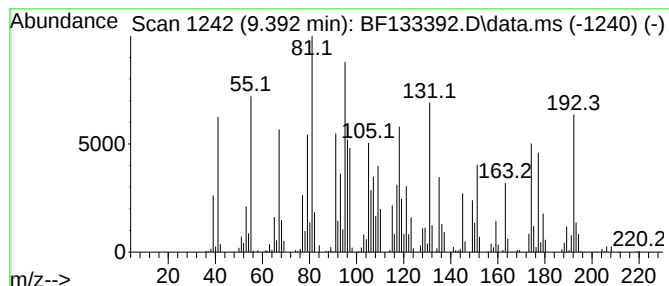
Instrument :
BNA_F
ClientSampleId :
ETGI-363

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 (1,4-Dimethylpent-2-enyl)be... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.392	20.00 ng	846836	Acenaphthene-d10	9.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	56
2	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	53
3	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	25
4	Phenanthrene, tetradecahydro-	192	C14H24	005743-97-5	20
5	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133392.D
 Acq On : 15 May 2023 19:55
 Operator : CG\JU
 Sample : 02782-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-363

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
2-Pentanone, 4-...	4.875	5.3	ng	292360	1	6.716	1105290	20.0
Camphene	6.157	2.9	ng	162708	1	6.716	1105290	20.0
1-Hexanol, 2-et...	6.792	39.4	ng	2176320	1	6.716	1105290	20.0
Undecane, 2-met...	7.757	2.4	ng	217304	2	8.004	1804560	20.0
Dodecane, 6-met...	8.310	5.3	ng	477632	2	8.004	1804560	20.0
unknown8.322	8.322	2.5	ng	220822	2	8.004	1804560	20.0
Dodecane, 4-met...	8.351	3.4	ng	309583	2	8.004	1804560	20.0
Sulfurous acid,...	8.386	4.3	ng	389134	2	8.004	1804560	20.0
Dodecane, 3-met...	8.428	4.5	ng	409249	2	8.004	1804560	20.0
cis,trans-1,6-D...	8.510	2.7	ng	240397	2	8.004	1804560	20.0
unknown8.545	8.545	2.4	ng	219483	2	8.004	1804560	20.0
Pentadecane	8.598	5.1	ng	462309	2	8.004	1804560	20.0
Tridecane, 6-me...	8.886	24.6	ng	1043890	3	9.763	846836	20.0
Tridecane, 5-me...	8.904	5.8	ng	244063	3	9.763	846836	20.0
Tridecane, 4-me...	8.933	7.6	ng	321437	3	9.763	846836	20.0
Tridecane, 2-me...	8.969	14.0	ng	592743	3	9.763	846836	20.0
Tridecane, 3-me...	9.010	27.1	ng	1145660	3	9.763	846836	20.0
Carbonic acid, ...	9.169	30.5	ng	1289870	3	9.763	846836	20.0
(1,4-Dimethylpe...	9.392	20.0	ng	846836	3	9.763	846836	20.0