

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133391.D
 Acq On : 15 May 2023 19:23
 Operator : CG\JU
 Sample : 02770-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-25990

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: BF133391.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	472	475	486	rVB	242657	282071	5.64%	0.584%
2	5.322	546	550	562	rBV	2145732	2033593	40.66%	4.211%
3	6.357	722	726	738	rBV	2286190	1952967	39.04%	4.044%
4	6.716	784	787	795	rBV	1080480	890721	17.81%	1.844%
5	7.281	879	883	889	rBV	1424505	1157156	23.13%	2.396%
6	8.004	1002	1006	1008	rBV	1204120	1056496	21.12%	2.188%
7	8.510	1088	1092	1094	rBV4	88242	132114	2.64%	0.274%
8	8.539	1094	1097	1099	rBV3	149006	175544	3.51%	0.363%
9	8.627	1109	1112	1115	rBV3	256338	335477	6.71%	0.695%
10	8.745	1129	1132	1134	rBV	298197	265633	5.31%	0.550%
11	8.769	1134	1136	1137	rBV2	134243	100496	2.01%	0.208%
12	8.810	1141	1143	1145	rBV3	183673	195936	3.92%	0.406%
13	8.886	1154	1156	1159	rBV2	311182	274869	5.50%	0.569%
14	8.957	1166	1168	1171	rBV3	254572	251162	5.02%	0.520%
15	8.992	1172	1174	1176	rBV	371516	319576	6.39%	0.662%
16	9.022	1177	1179	1182	rBV3	352291	364808	7.29%	0.755%
17	9.080	1185	1189	1191	rBV	2117243	2060540	41.19%	4.267%
18	9.157	1199	1202	1206	rBV4	695673	1039625	20.78%	2.153%
19	13.651	1963	1966	1968	rVV3	573891	595215	11.90%	1.232%
20	13.674	1968	1970	1972	rVB	645633	498939	9.97%	1.033%
21	13.704	1972	1975	1978	rBV2	574549	629027	12.58%	1.302%
22	13.739	1979	1981	1986	rVB	652813	767435	15.34%	1.589%
23	13.892	2002	2007	2010	rBV2	3476439	5001936	100.00%	10.357%
24	13.927	2010	2013	2019	rVB	3604684	3616008	72.29%	7.487%
25	13.998	2023	2025	2028	rVB	765718	593561	11.87%	1.229%
26	14.104	2041	2043	2048	rVB2	291914	392836	7.85%	0.813%
27	14.274	2069	2072	2075	rVB	825071	731268	14.62%	1.514%
28	14.309	2075	2078	2081	rVB	457266	457456	9.15%	0.947%
29	14.398	2091	2093	2095	rVV	447595	374938	7.50%	0.776%
30	14.415	2095	2096	2099	rVB	540662	418233	8.36%	0.866%
31	14.909	2174	2180	2182	rBV	2890413	4416131	88.29%	9.144%
32	14.974	2188	2191	2193	rVB	366291	320929	6.42%	0.665%
33	15.004	2193	2196	2200	rVB	598942	546141	10.92%	1.131%
34	15.192	2223	2228	2233	rVB	1986716	2484917	49.68%	5.145%
35	15.251	2233	2238	2243	rVB	2640679	3329151	66.56%	6.893%
36	15.309	2243	2248	2250	rBV	767003	1004452	20.08%	2.080%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.339	2250	2253	2259	rVB2	859138	1119794	22.39%	2.319%
38	15.745	2319	2322	2328	rVB2	222568	344588	6.89%	0.714%
39	15.833	2334	2337	2342	rVB2	227775	309513	6.19%	0.641%
40	16.498	2445	2450	2454	rBV2	191469	420898	8.41%	0.872%
41	16.692	2476	2483	2490	rVB2	1279042	2375749	47.50%	4.919%
42	16.762	2492	2495	2502	rVB3	212339	366273	7.32%	0.758%
43	16.850	2505	2510	2514	rBV	215010	389841	7.79%	0.807%
44	16.903	2515	2519	2524	rBV2	190293	328598	6.57%	0.680%
45	17.109	2547	2554	2563	rVB	1018944	2059659	41.18%	4.265%
46	17.245	2572	2577	2584	rBV7	173589	421762	8.43%	0.873%
47	17.327	2587	2591	2596	rVB	244016	401201	8.02%	0.831%
48	18.186	2732	2737	2749	rVB8	256520	690031	13.80%	1.429%

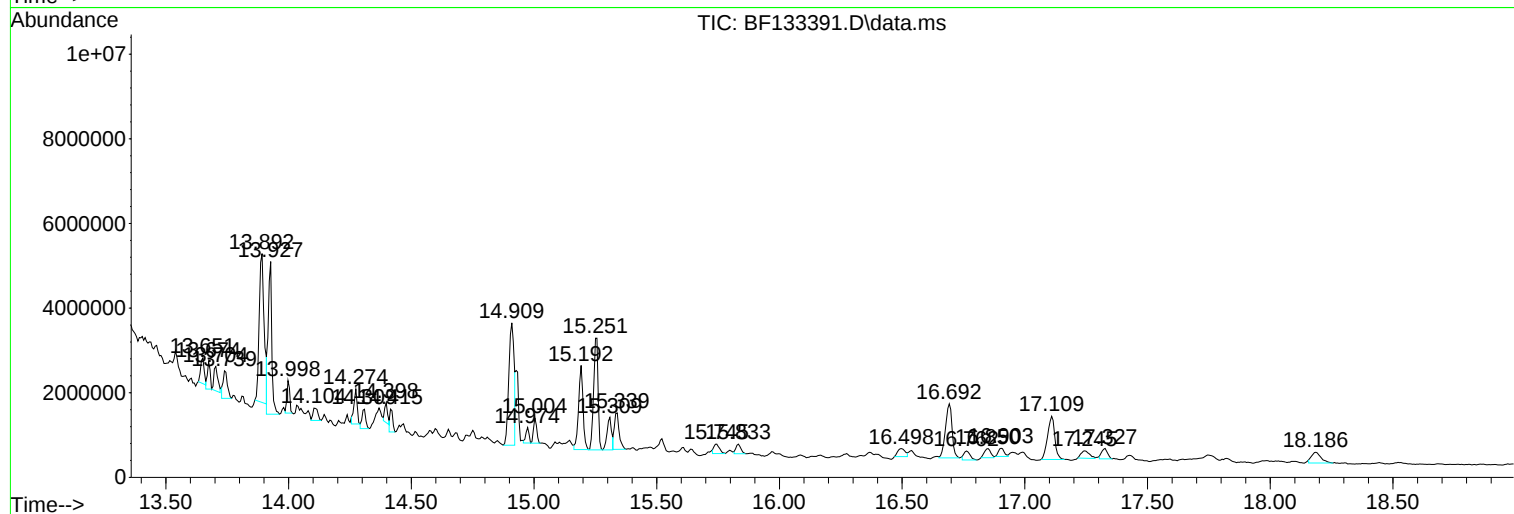
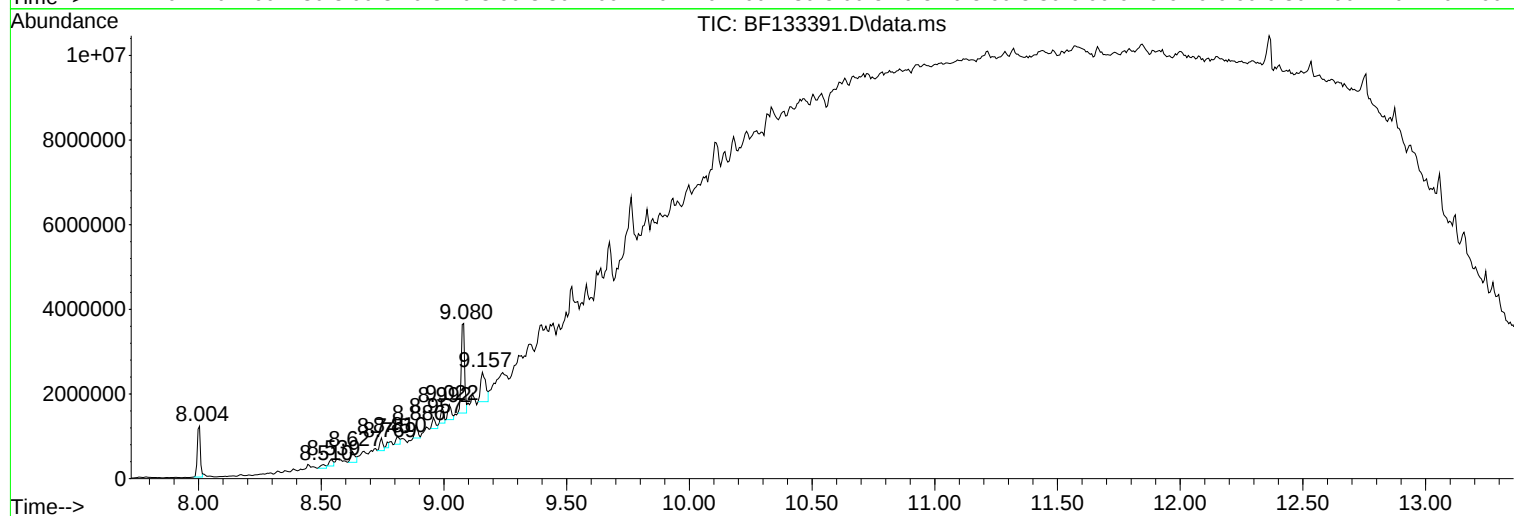
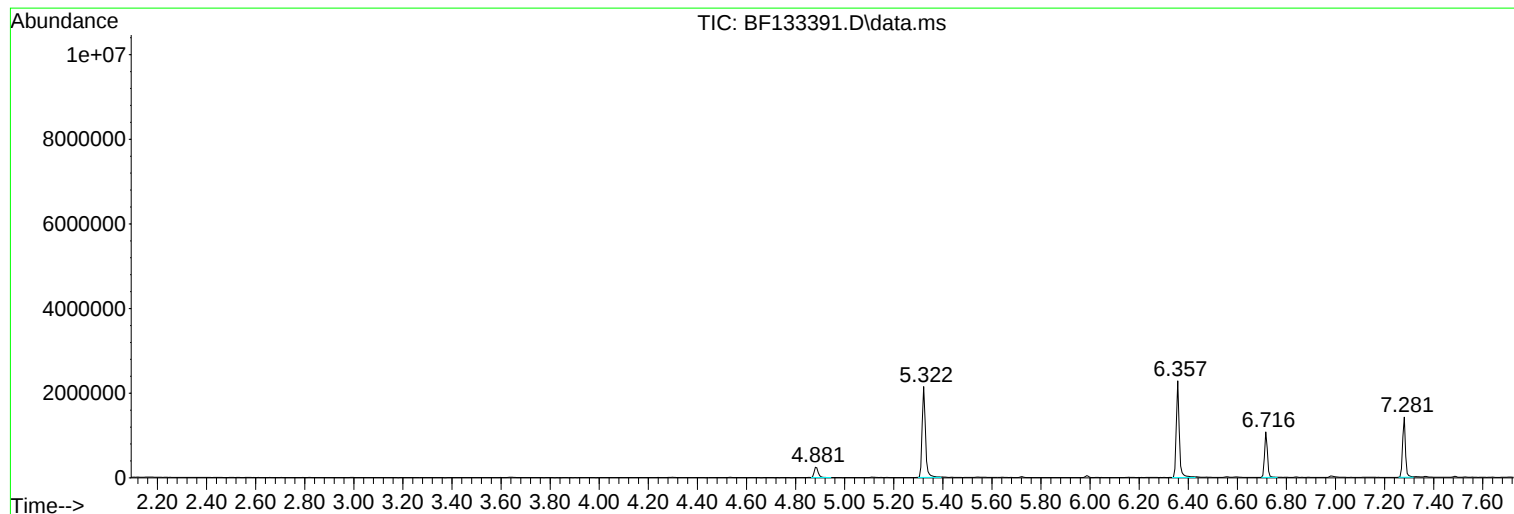
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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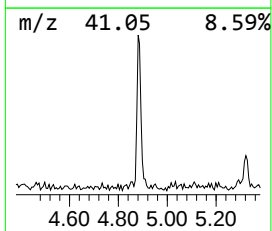
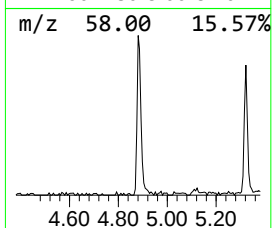
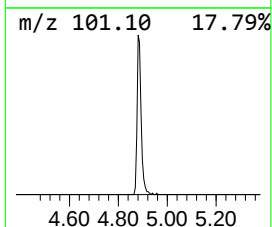
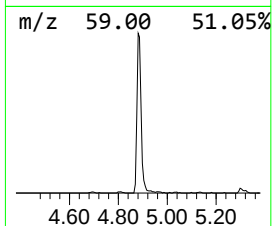
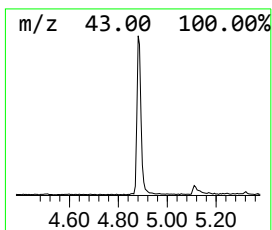
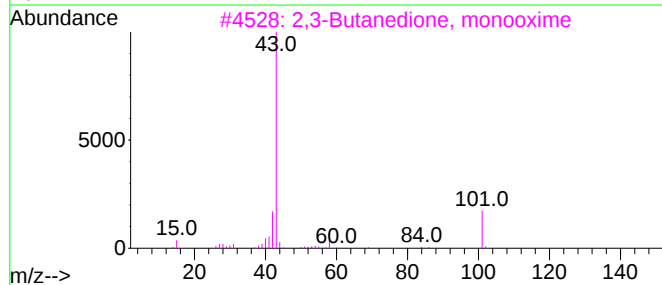
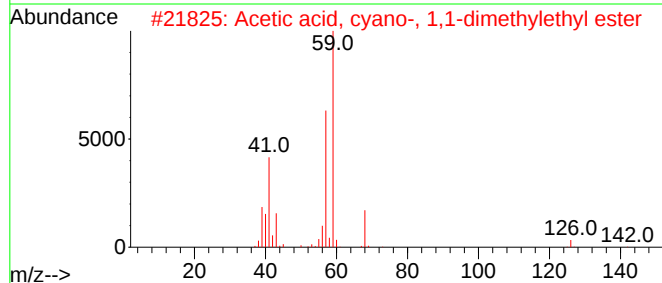
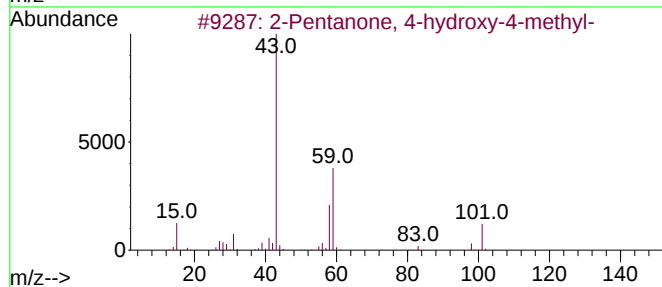
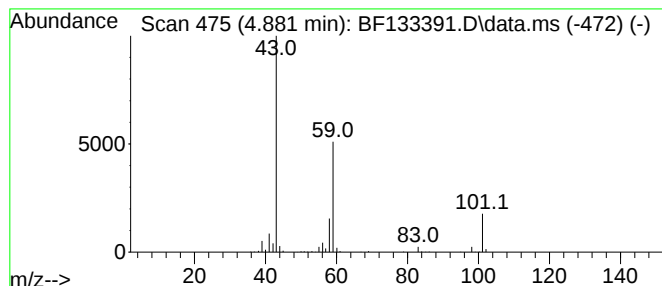
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	6.33 ng	282071	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	59		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	9		



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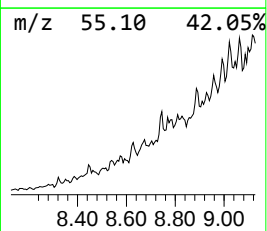
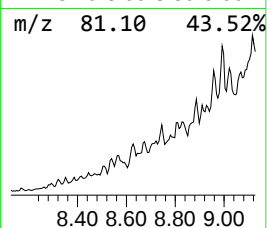
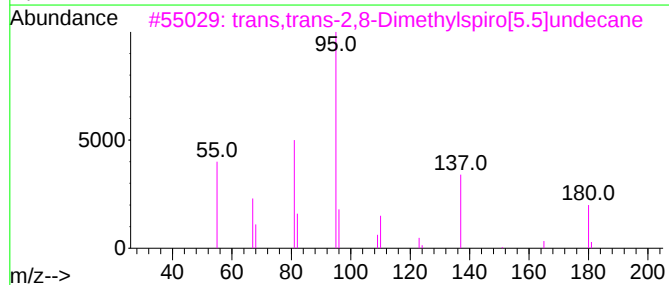
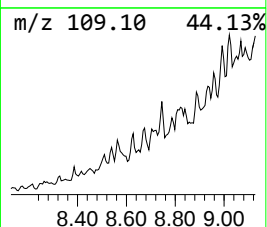
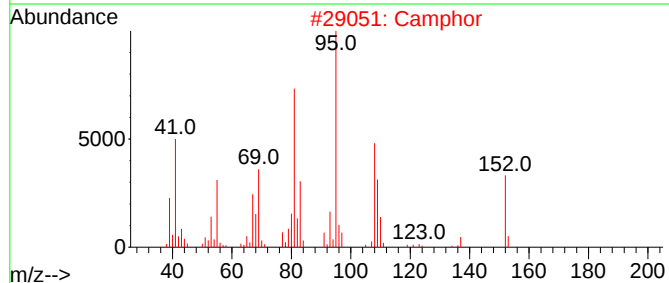
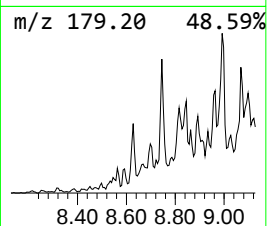
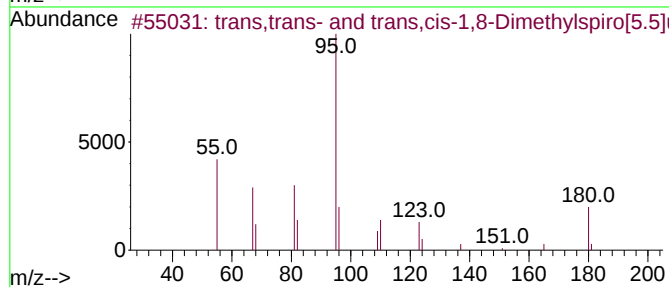
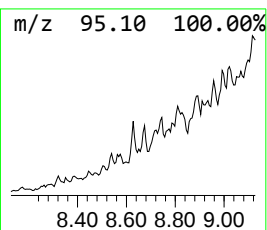
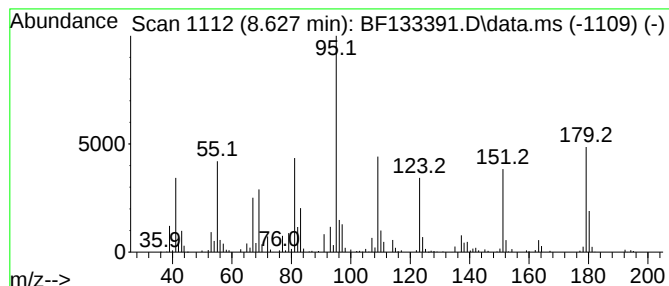
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 trans,trans- and trans,cis-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.627	6.35 ng	335477	Naphthalene-d8	8.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans,trans- and trans,cis-1,8-D...	180	C13H24	1000111-73-2	50
2			Camphor	152	C10H16O	000076-22-2	35
3			trans,trans-2,8-Dimethylspiro[5...	180	C13H24	095530-76-0	30
4			Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	002767-84-2	27
5			2-Fluorobenzoic acid, 3,5-dimeth...	250	C15H19FO2	1000278-96-6	27



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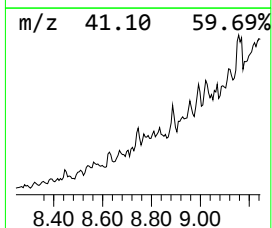
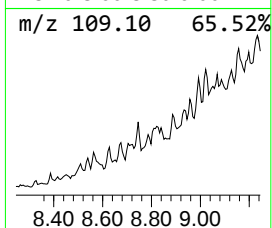
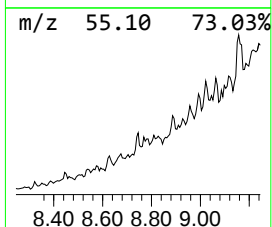
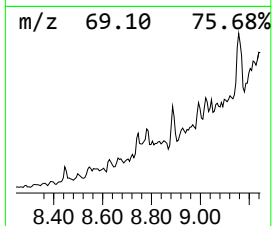
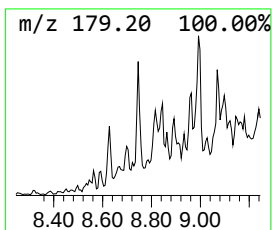
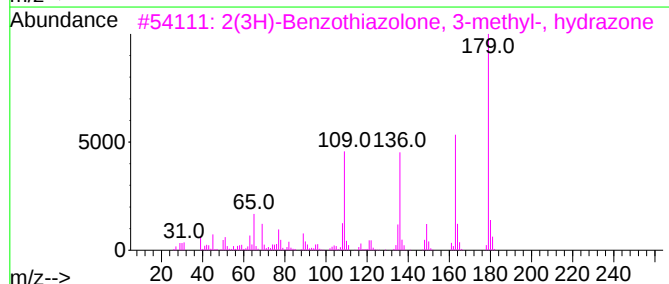
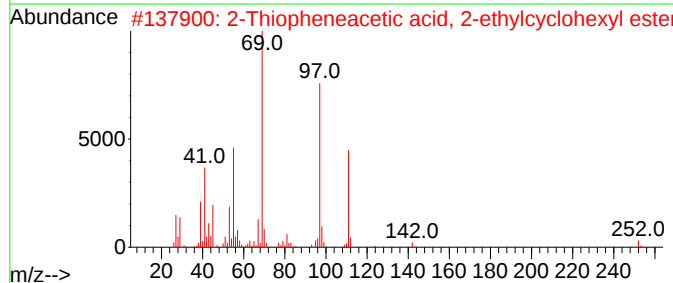
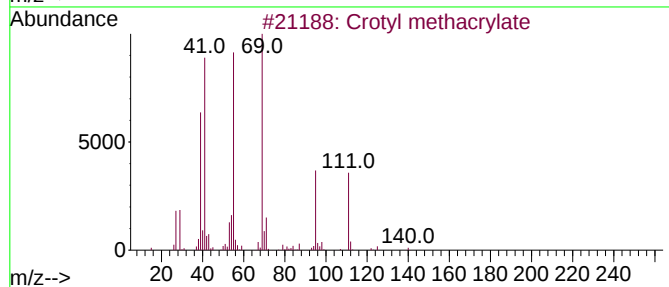
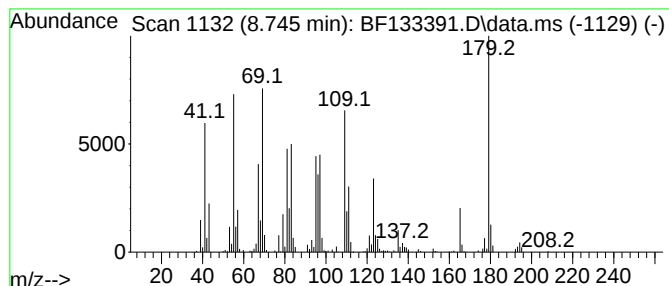
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.745 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.745	5.03 ng	265633	Naphthalene-d8	8.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Crotyl methacrylate	140	C8H12O2	007376-45-6	25
2			2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	22
3			2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	14
4			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	14
5			Naphthalene, decahydro-1,6-dimet...	208	C15H28	029788-41-8	14



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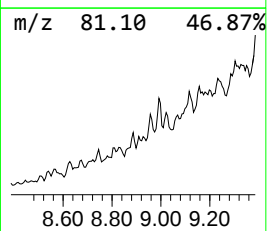
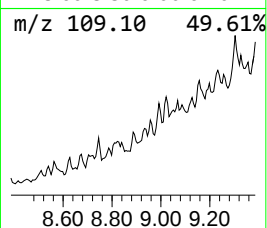
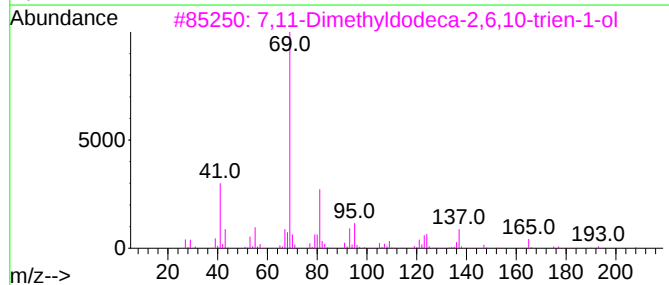
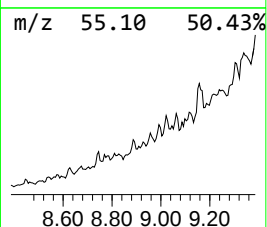
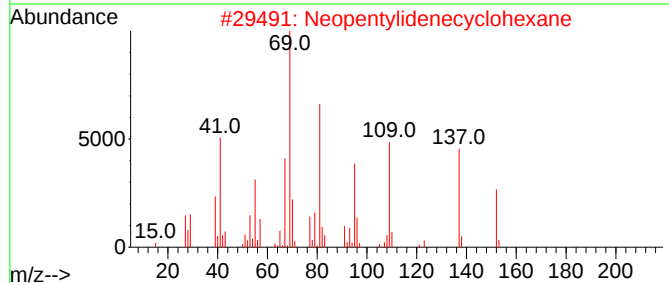
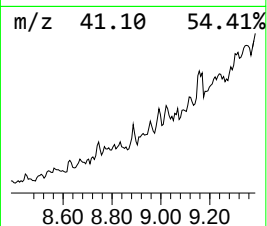
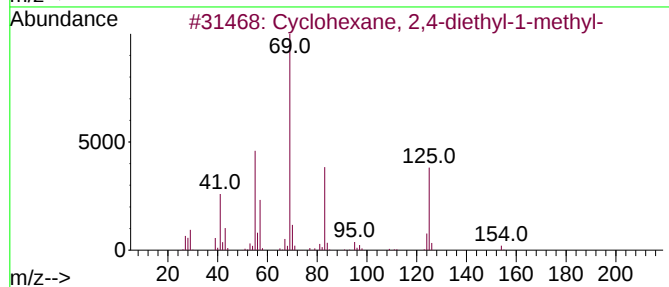
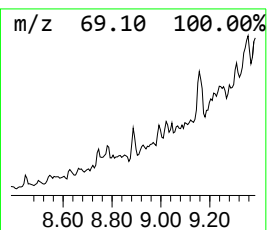
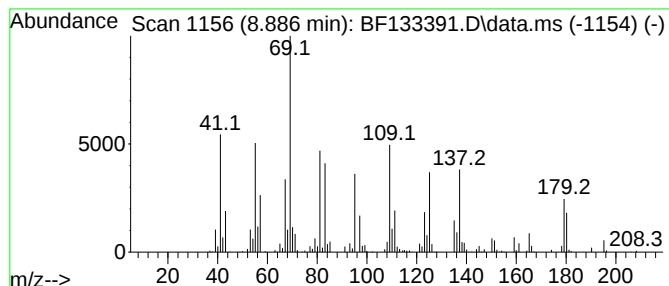
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown8.886 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.886	5.29 ng	274869	Acenaphthene-d10	9.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	38
2			Neopentylidenecyclohexane	152	C11H20	039546-80-0	38
3			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	32
4			Cyclohexane, 1,1'-(1-methylethyl...	208	C15H28	054934-90-6	32
5			1-Bromo-8-chlorooctane	226	C8H16BrCl	1000438-83-6	27



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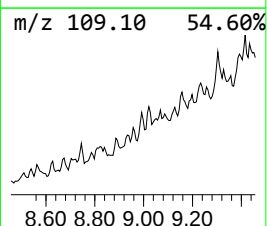
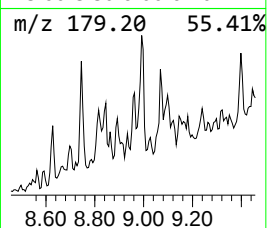
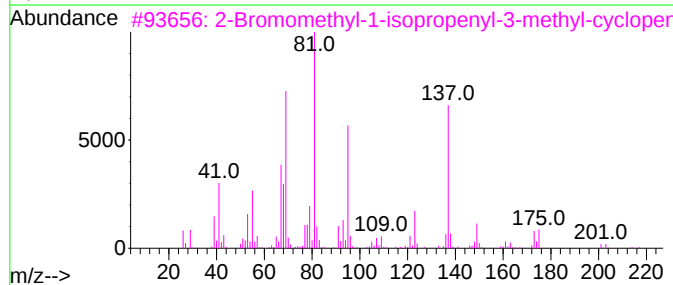
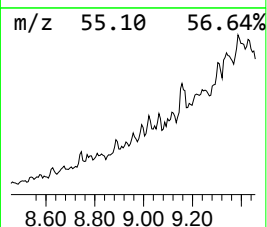
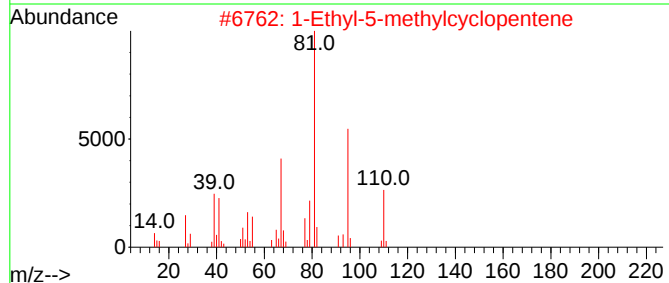
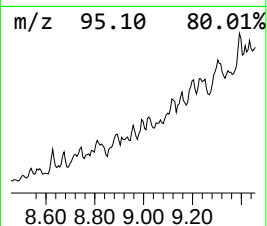
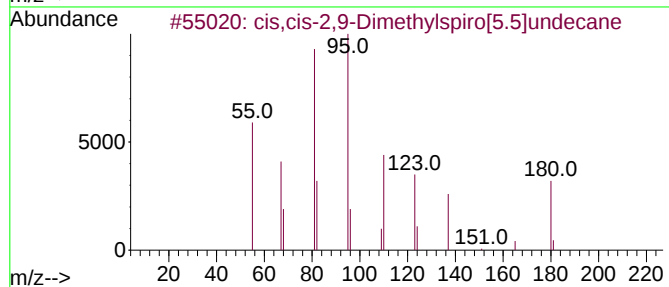
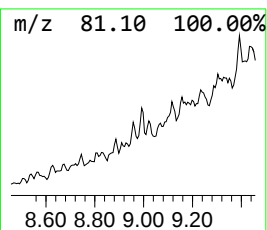
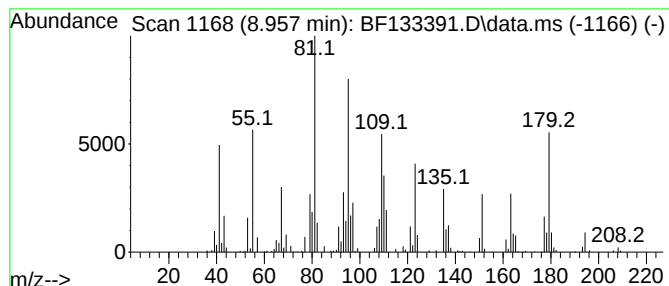
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.957 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.957	4.83 ng	251162	Acenaphthene-d10	9.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,cis-2,9-Dimethylspiro[5.5]un...	180	C13H24	095472-51-8	38
2			1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	38
3			2-Bromomethyl-1-isopropenyl-3-me...	216	C10H17Br	1000187-07-8	35
4			cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	30
5			Cyclopentaneethanol, 2-(hydroxym...	172	C10H20O2	000485-42-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
Operator : CG\JU
Sample : 02770-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

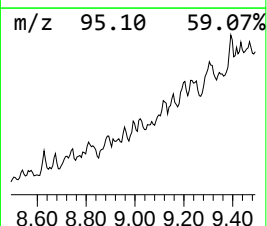
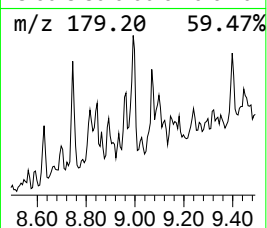
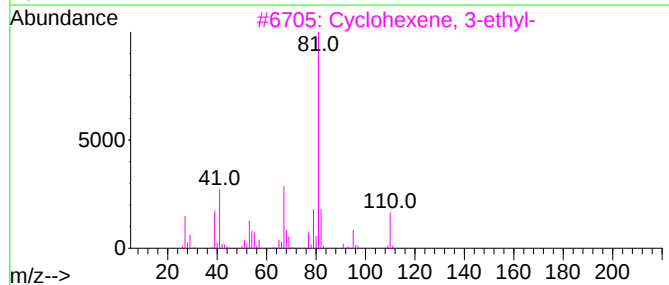
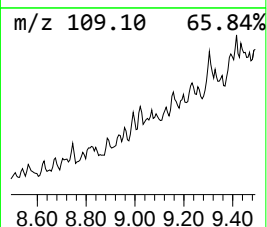
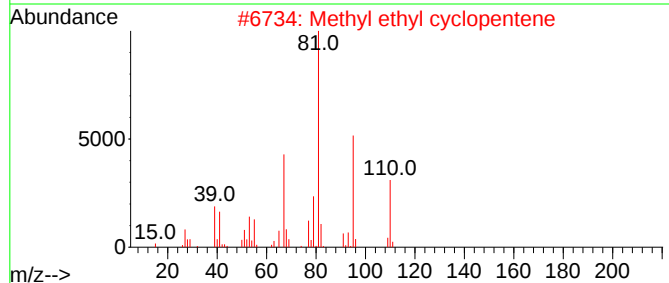
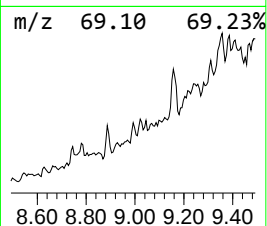
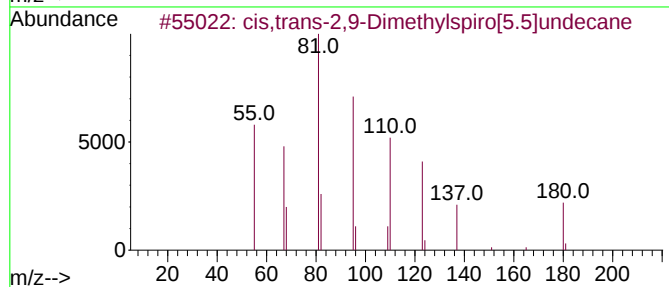
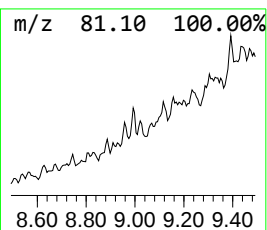
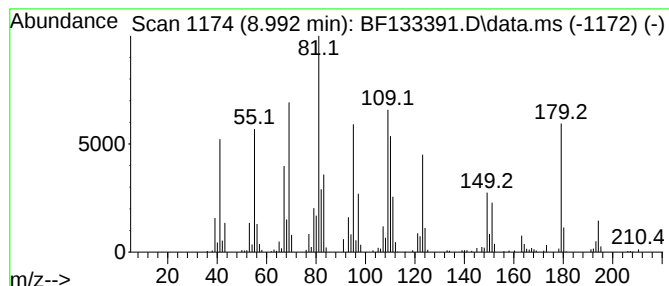
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.992 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.992	6.15 ng	319576	Acenaphthene-d10	9.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	49
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	41
3	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	30
4	1H-Imidazole, 2-ethyl-4-methyl-	110	C6H10N2	000931-36-2	25
5	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
Operator : CG\JU
Sample : 02770-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-25990

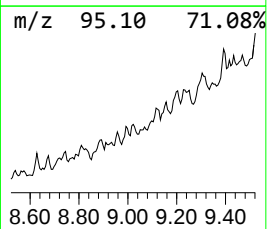
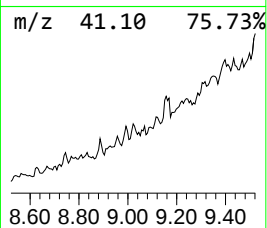
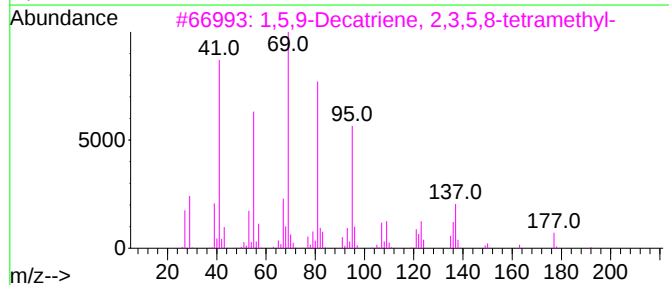
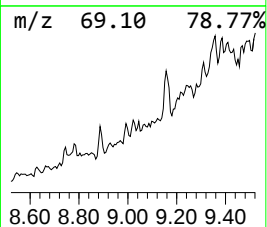
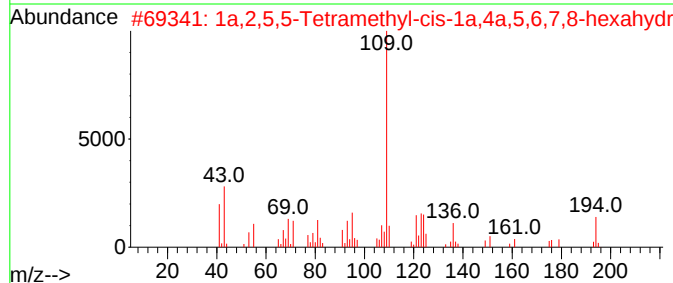
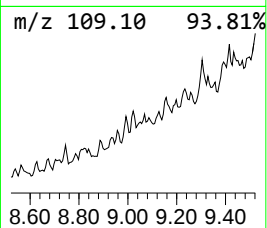
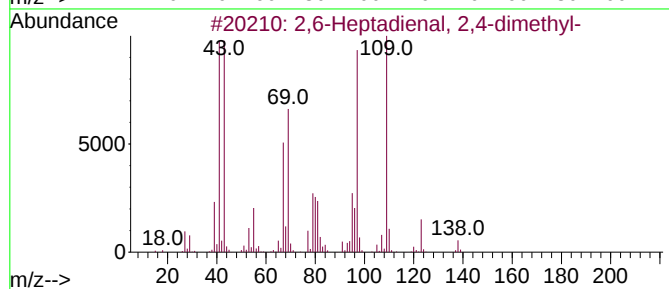
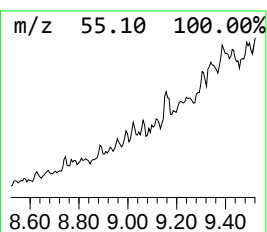
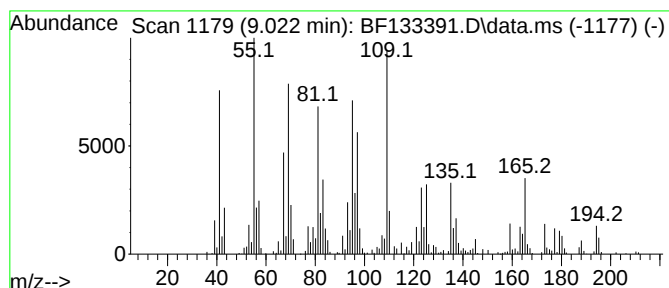
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.022 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.022	7.02 ng	364808	Acenaphthene-d10	9.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	46		
2	1a,2,5,5-Tetramethyl-cis-1a,4a,5...	194	C13H22O	1000215-77-7	30		
3	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	27		
4	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	25		
5	3,5,9-Trimethyl-deca-2,4,8-trien...	194	C13H22O	1000188-00-3	22		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
Operator : CG\JU
Sample : 02770-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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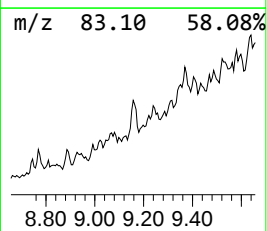
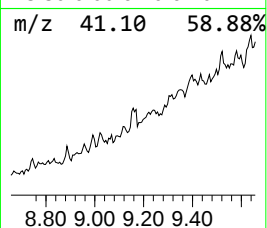
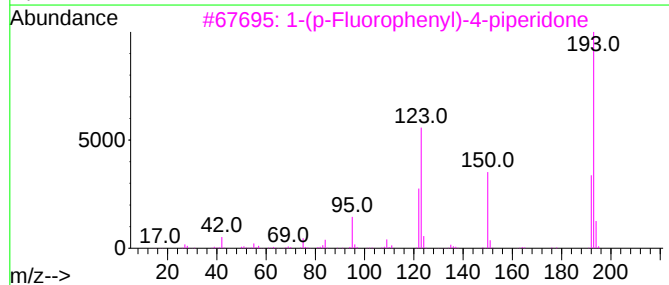
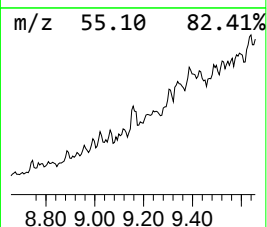
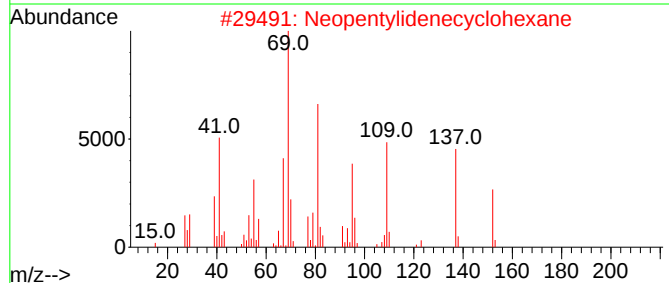
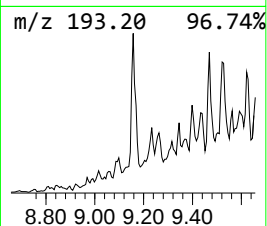
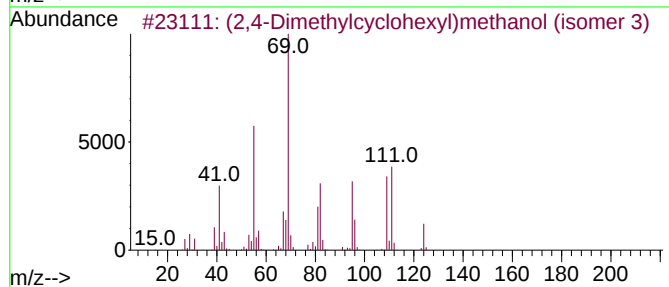
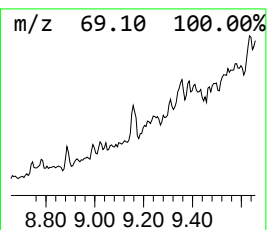
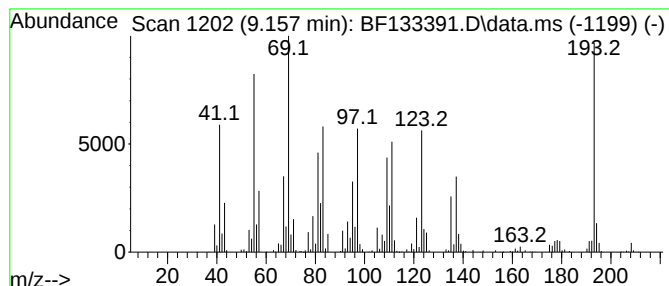
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.157 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	20.00 ng	1039630	Acenaphthene-d10	9.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-8	27
2			Neopentylidenecyclohexane	152	C11H20	039546-80-0	22
3			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	22
4			1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	18
5			3,5,9-Undecatrien-2-one, 6,10-di...	192	C13H20O	003548-78-5	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
Operator : CG\JU
Sample : 02770-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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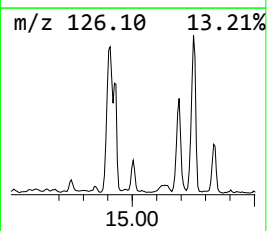
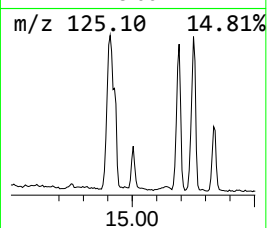
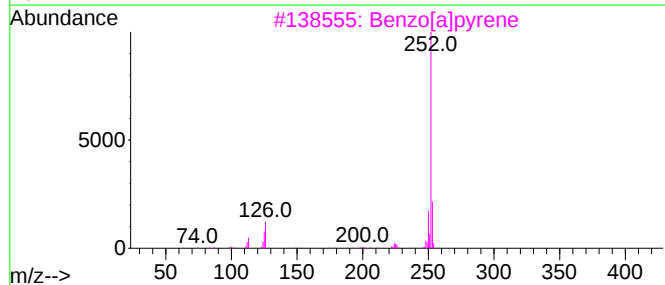
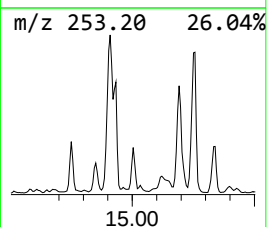
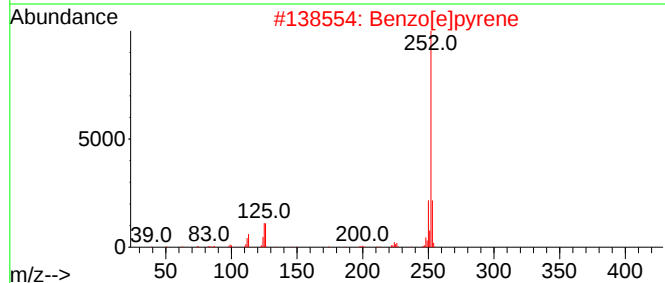
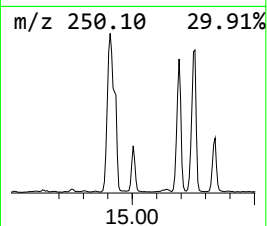
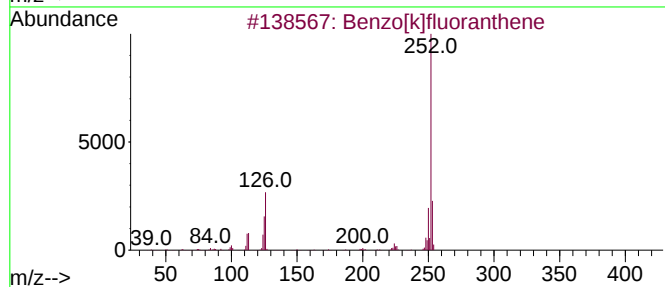
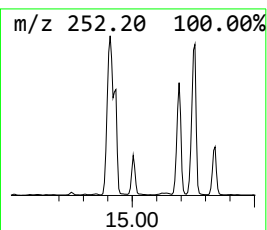
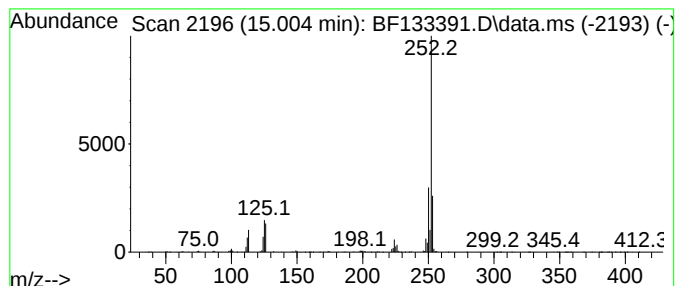
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.004	10.87 ng	546141	Perylene-d12	15.309

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2		Benzo[e]pyrene	252	C20H12	000192-97-2	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	90
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
Operator : CG\JU
Sample : 02770-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-25990

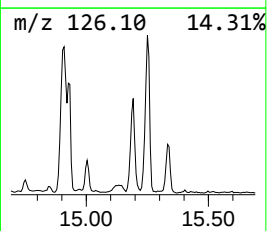
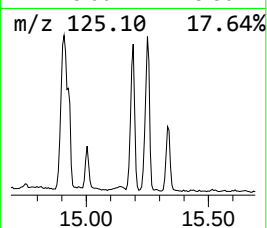
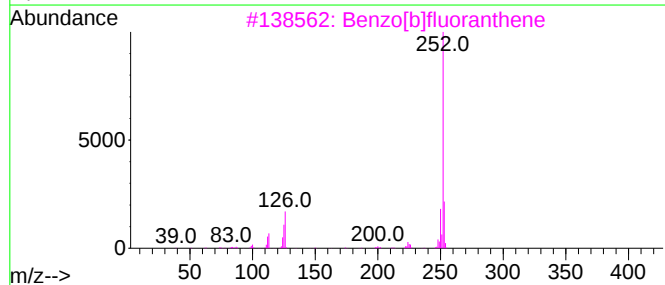
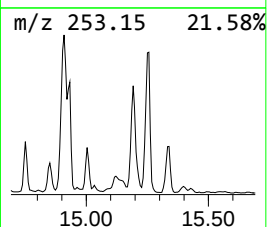
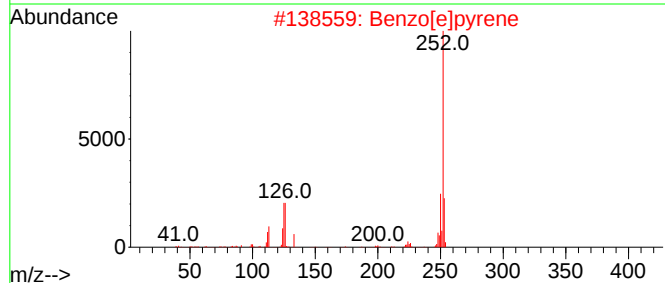
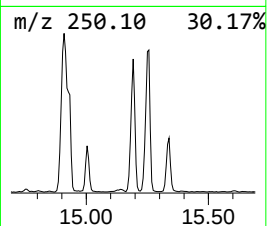
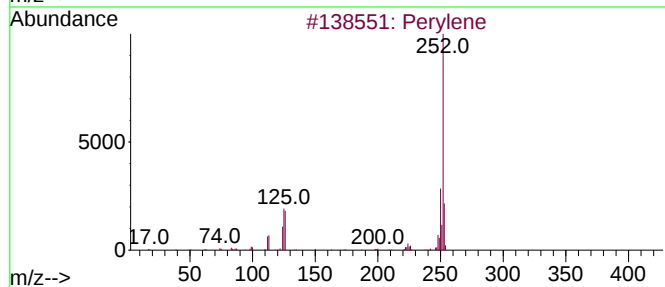
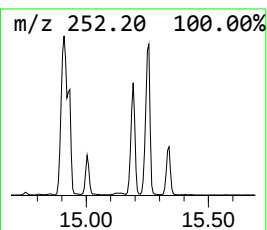
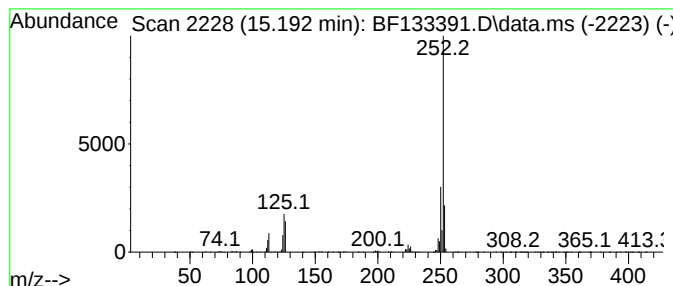
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	49.48 ng	2484920	Perylene-d12	15.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	99
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
Operator : CG\JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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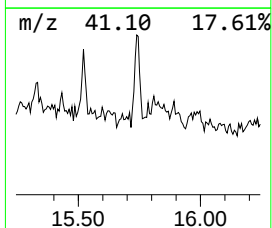
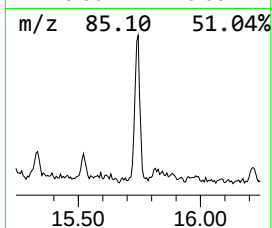
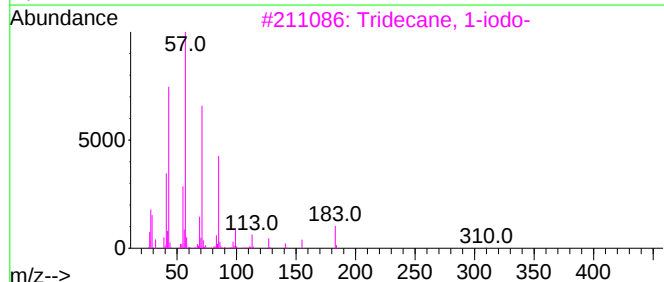
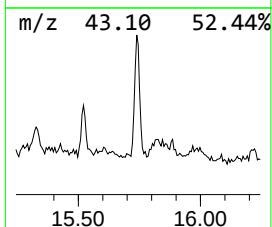
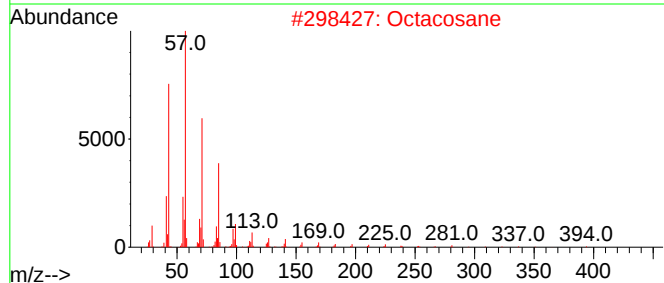
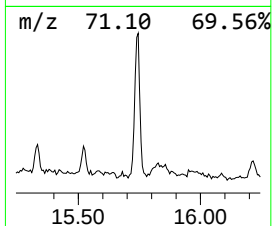
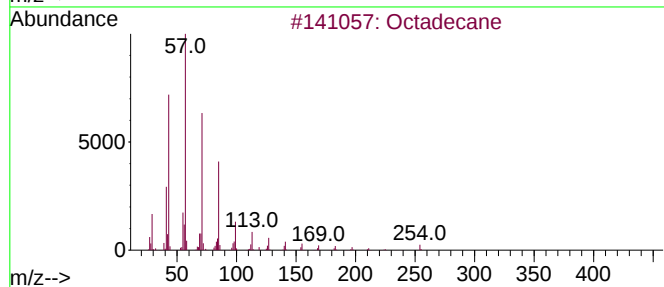
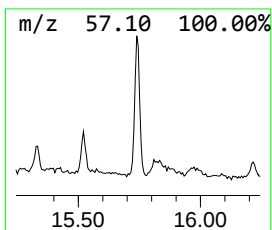
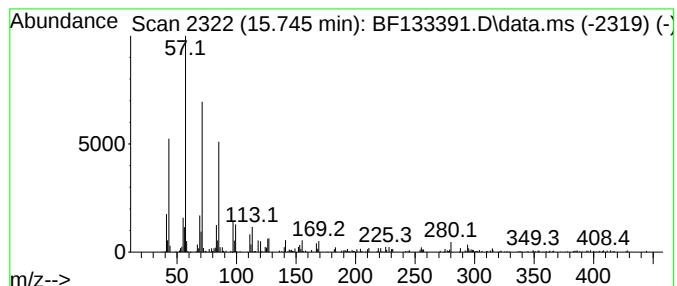
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.745	6.86 ng	344588	Perylene-d12	15.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Octacosane	394	C28H58	000630-02-4	94
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
4			Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
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Acq On : 15 May 2023 19:23
Operator : CG\JU
Sample : 02770-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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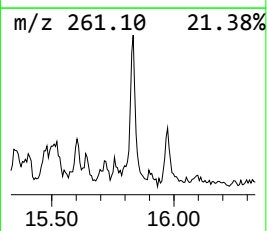
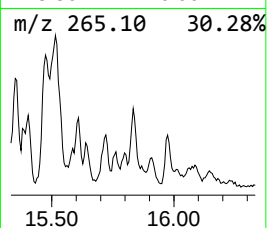
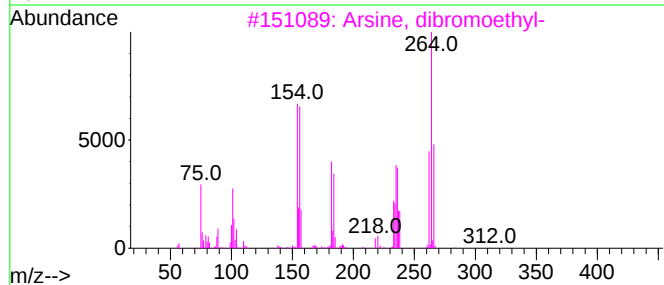
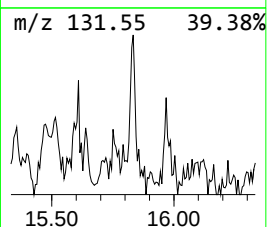
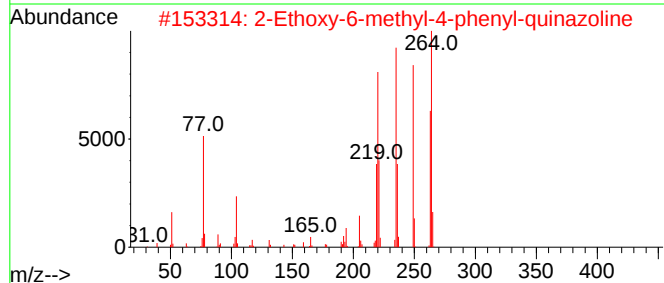
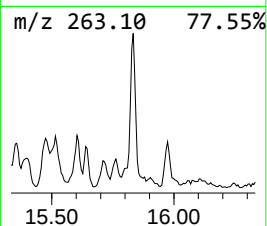
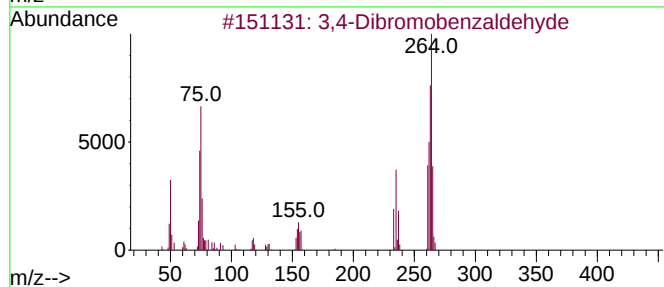
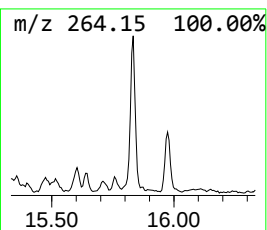
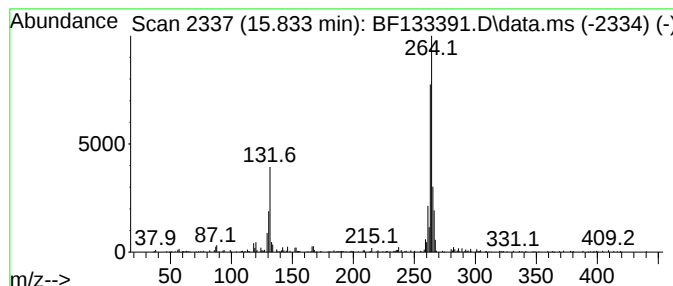
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3,4-Dibromobenzaldehyde Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	6.16 ng	309513	Perylene-d12	15.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	58
2			2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	47
3			Arsine, dibromoethyl-	262	C2H5AsBr2	000683-43-2	27
4			9-Octadecenoic acid (Z)-, octyl ...	394	C26H50O2	032953-65-4	22
5			Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
Operator : CG\JU
Sample : 02770-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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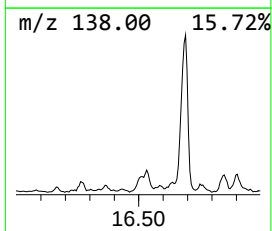
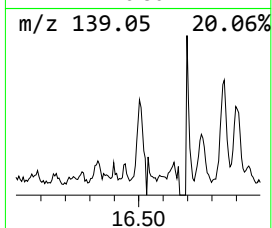
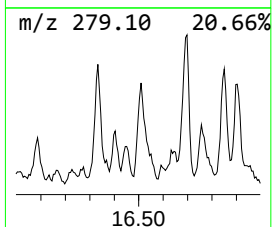
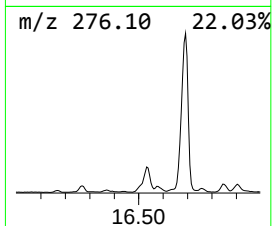
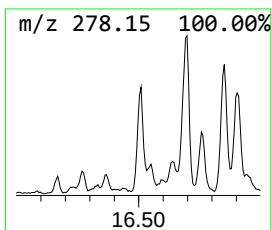
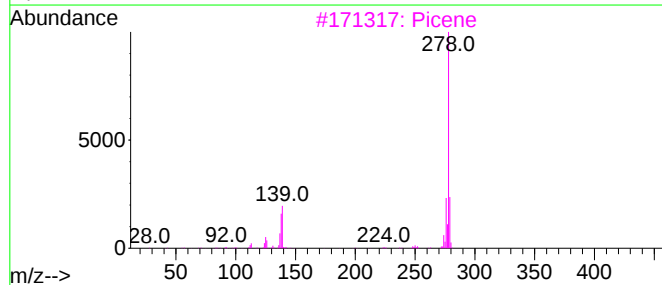
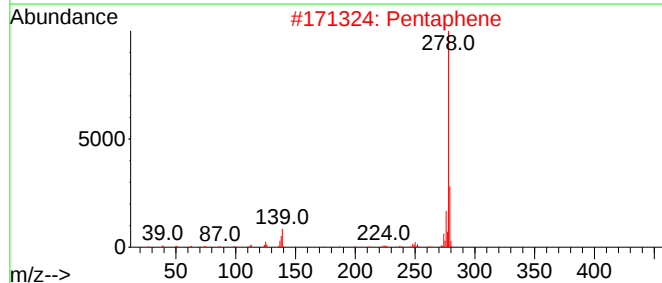
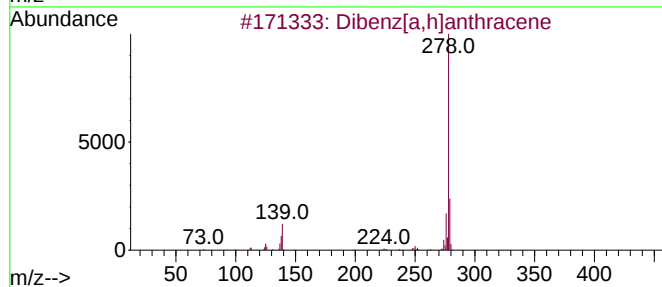
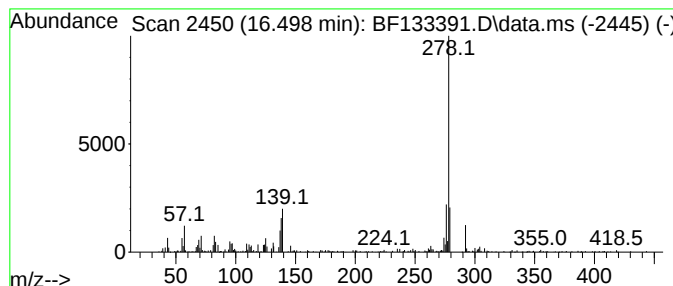
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentaphene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.498	8.38 ng	420898	Perylene-d12	15.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
2			Pentaphene	278	C22H14	000222-93-5	90
3			Picene	278	C22H14	000213-46-7	89
4			Benzo[b]triphenylene	278	C22H14	000215-58-7	89
5			Benzo[a]naphthacene	278	C22H14	000226-88-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
Operator : CG\JU
Sample : 02770-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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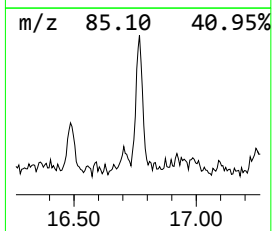
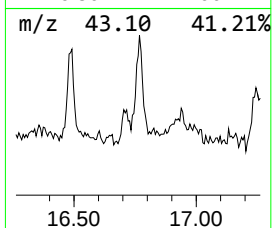
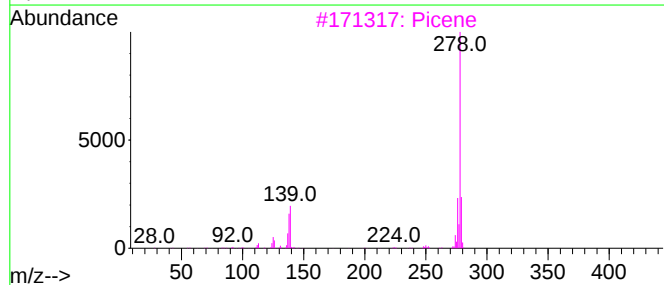
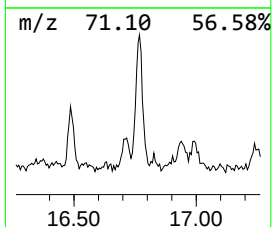
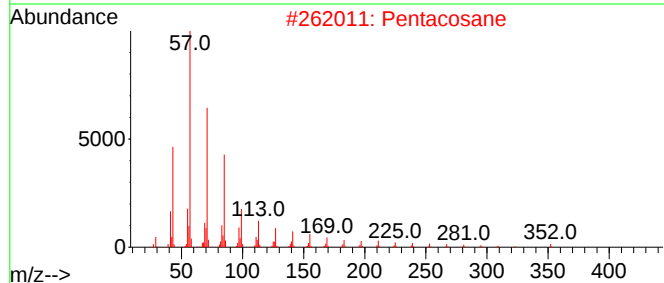
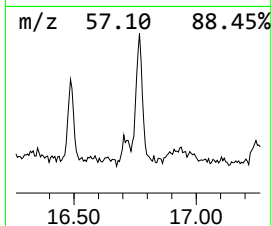
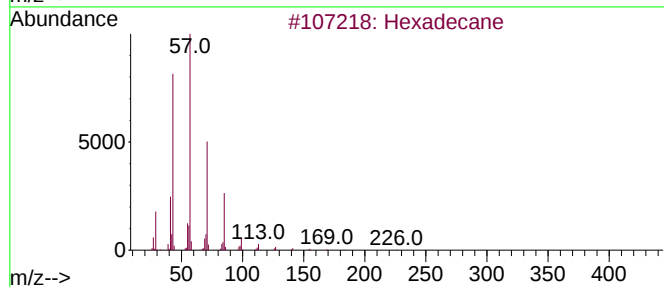
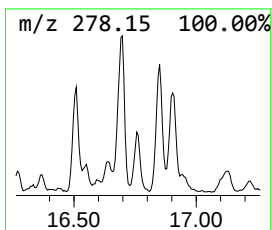
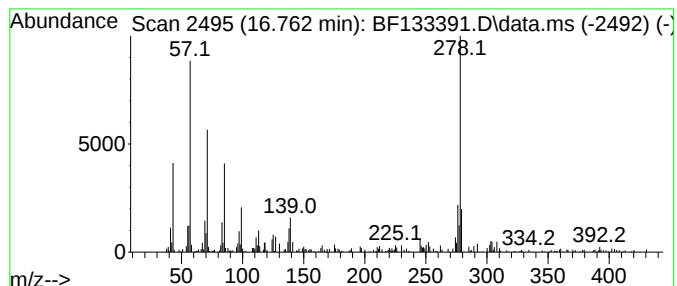
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.762	7.29 ng	366273	Perylene-d12	15.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	74
2			Pentacosane	352	C25H52	000629-99-2	70
3			Picene	278	C22H14	000213-46-7	58
4			Heneicosane	296	C21H44	000629-94-7	51
5			Docosane	310	C22H46	000629-97-0	51



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
Operator : CG\JU
Sample : 02770-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHRT-25990

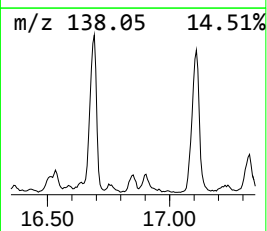
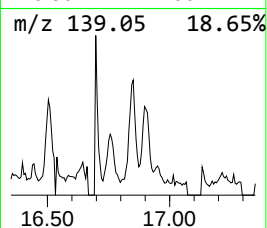
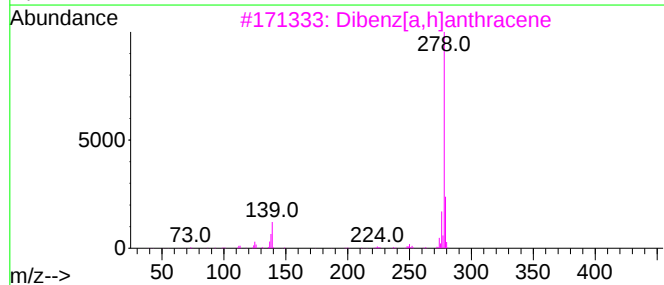
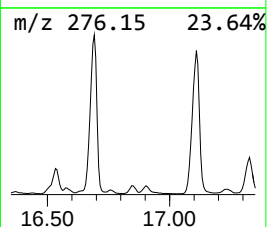
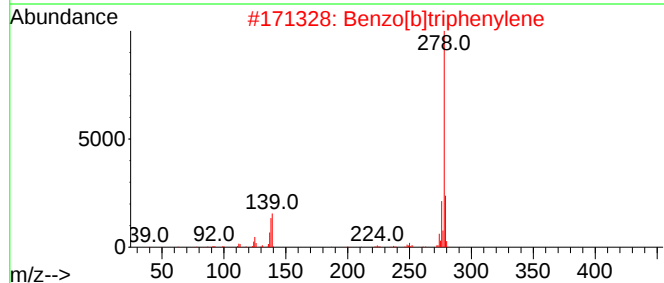
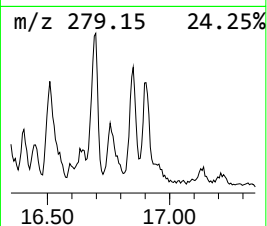
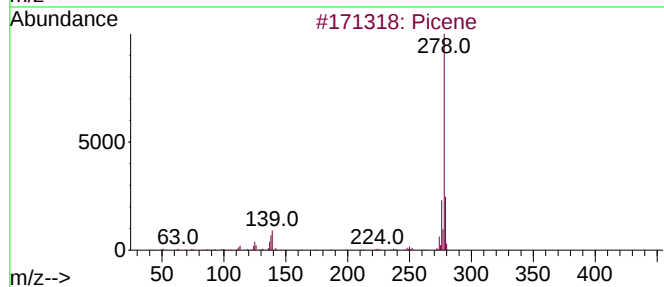
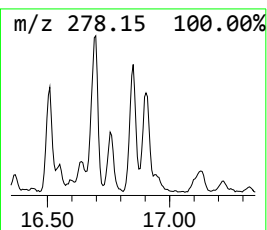
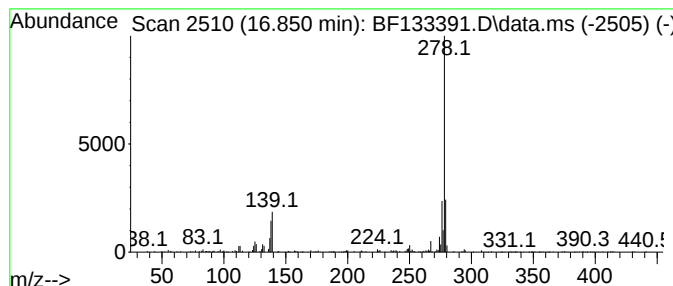
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Picene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.851	7.76 ng	389841	Perylene-d12	15.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	99
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	99
3			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4			Benzo[b]chrysene	278	C22H14	000214-17-5	98
5			Benzo[a]naphthacene	278	C22H14	000226-88-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
Operator : CG\JU
Sample : 02770-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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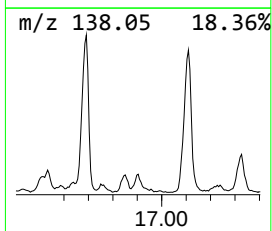
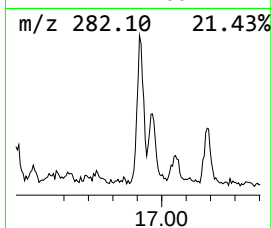
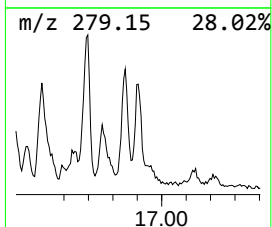
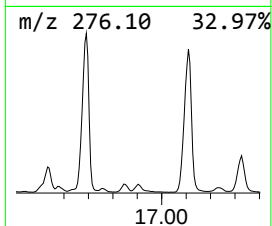
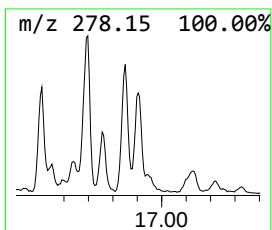
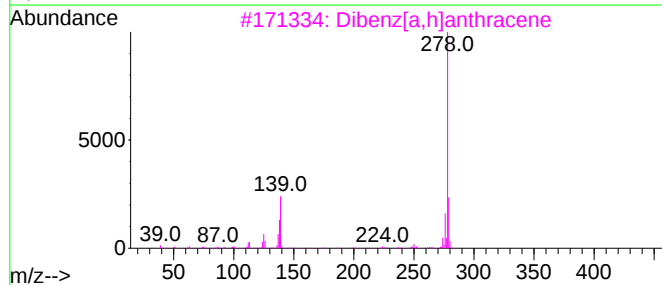
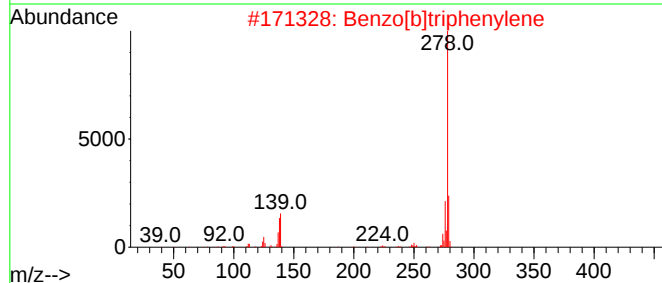
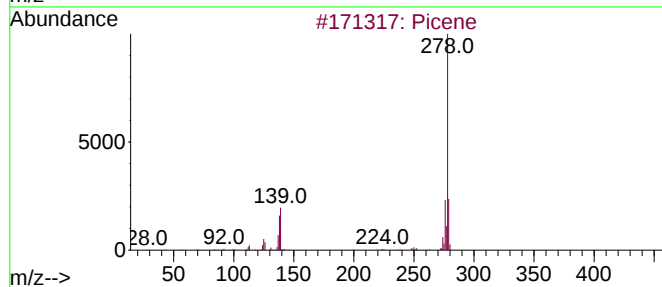
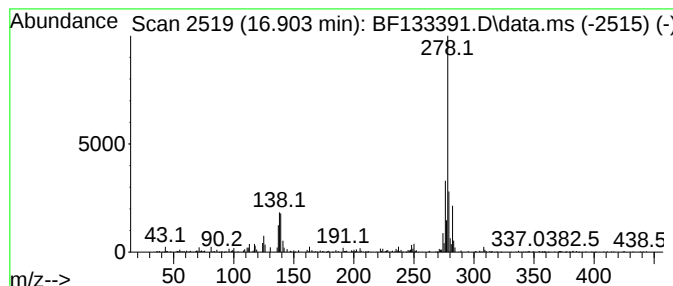
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.903	6.54 ng	328598	Perylene-d12	15.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	98
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	96
3			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	92
4			Benzo[b]chrysene	278	C22H14	000214-17-5	86
5			Pentaphene	278	C22H14	000222-93-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
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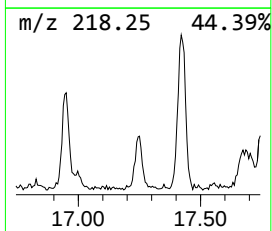
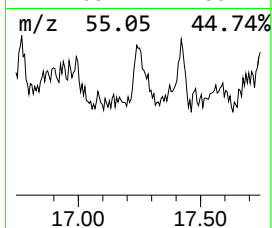
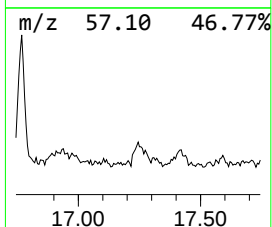
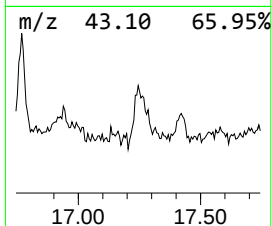
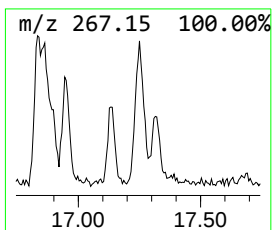
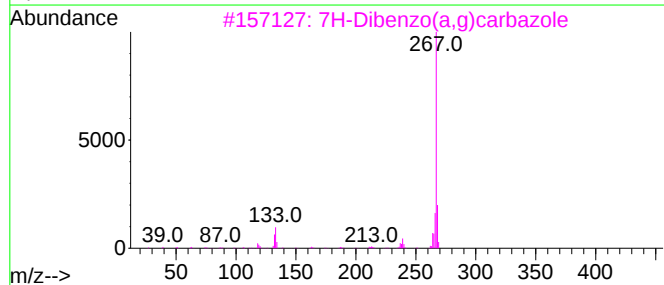
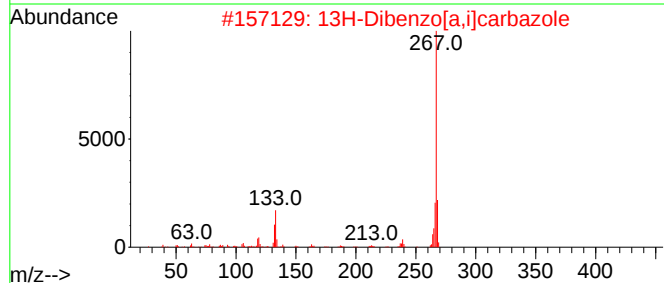
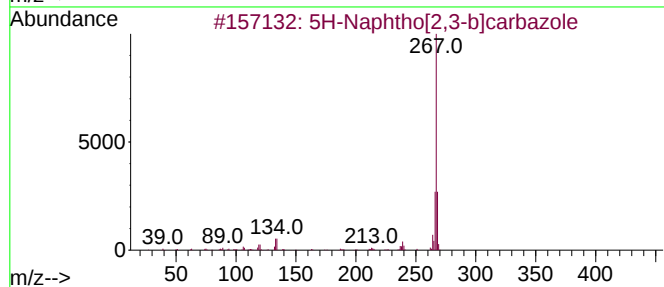
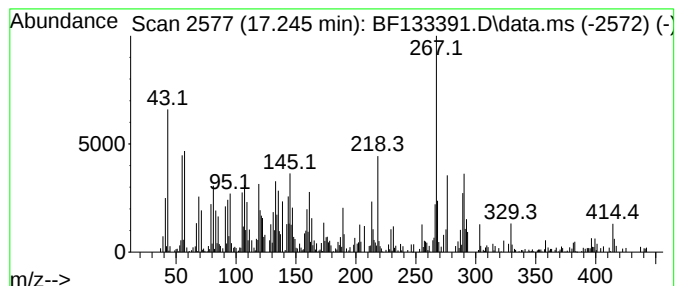
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 5H-Naphtho[2,3-b]carbazole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	8.40 ng	421762	Perylene-d12	15.309

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Naphtho[2,3-b]carbazole	267	C20H13N	000248-96-4	50
2		13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	45
3		7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	43
4		2-Benzylidenehydrazono-3-methyl-...	267	C15H13N3S	1000146-59-1	42
5		4'-Chloro-2,2':6',2''-terpyridine	267	C15H10ClN3	128143-89-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
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Acq On : 15 May 2023 19:23
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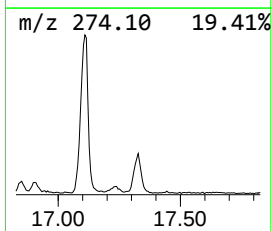
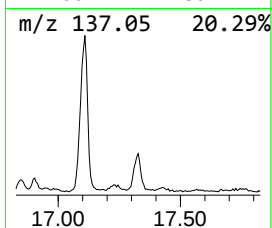
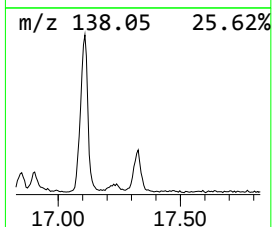
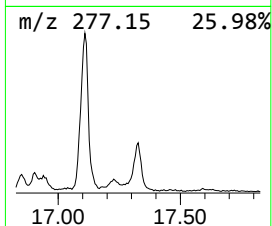
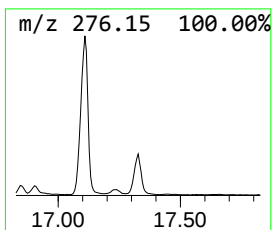
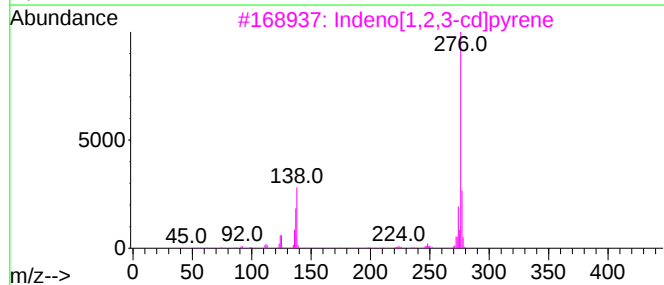
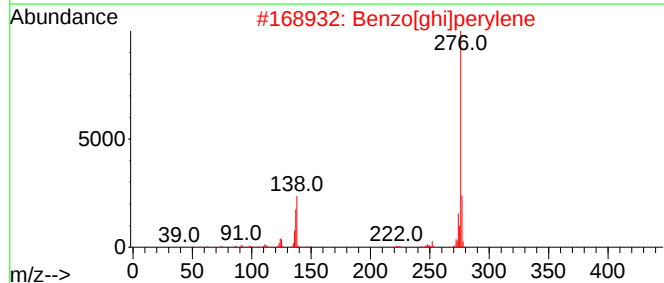
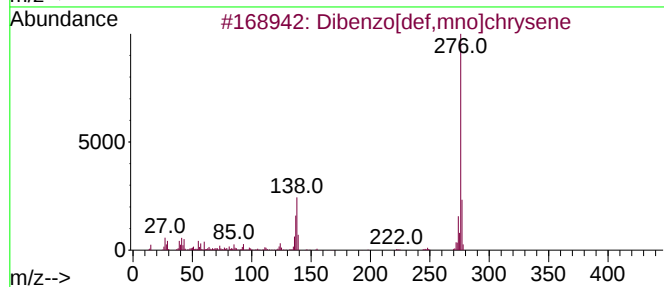
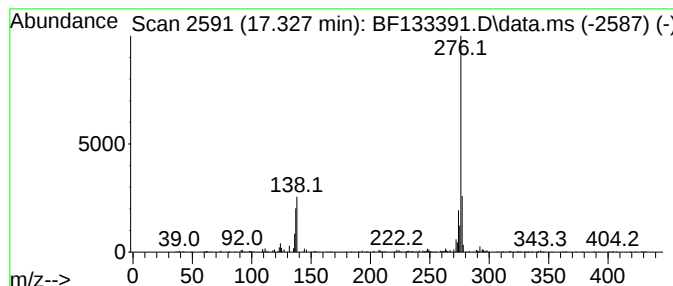
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.327	7.99 ng	401201	Perylene-d12	15.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2			Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	83
5			Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
Operator : CG\JU
Sample : 02770-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-25990

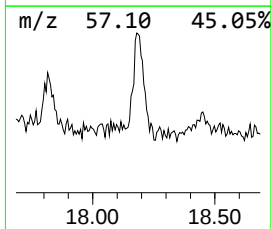
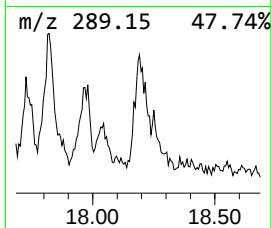
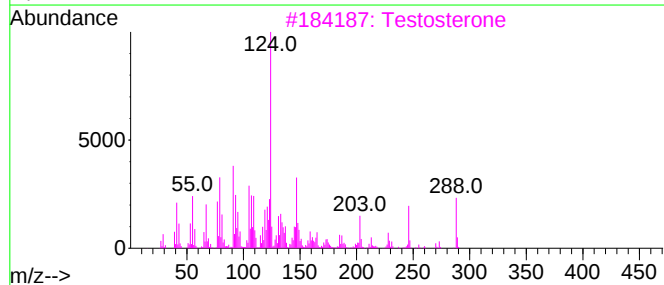
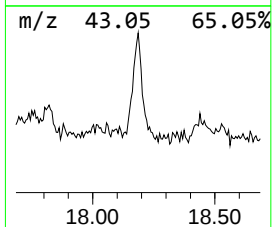
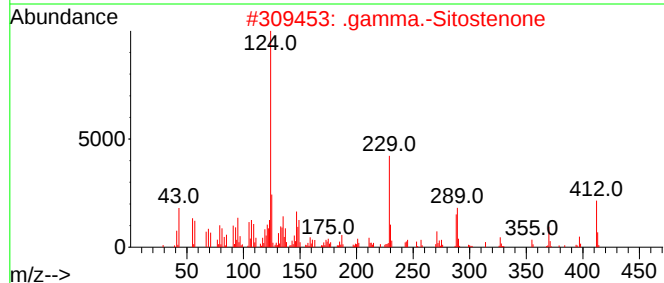
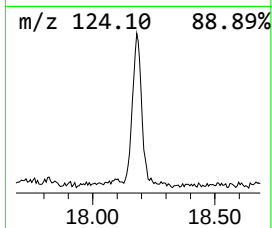
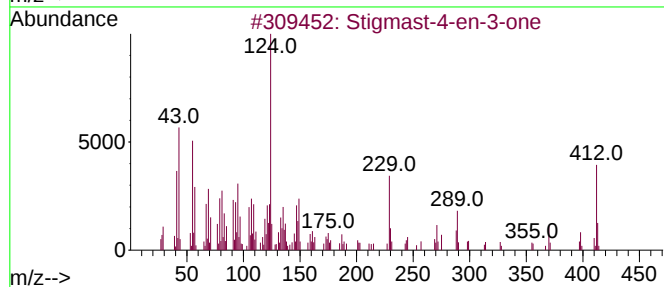
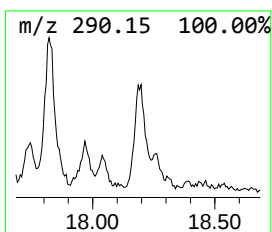
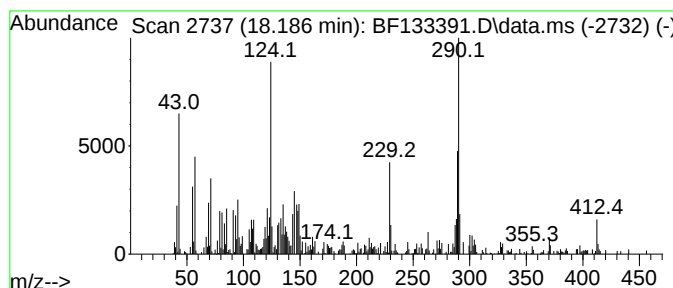
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Stigmast-4-en-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	13.74 ng	690031	Perylene-d12	15.309

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Stigmast-4-en-3-one	412	C29H48O	001058-61-3	95
2		.gamma.-Sitostenone	412	C29H48O	084924-96-9	70
3		Testosterone	288	C19H28O2	000058-22-0	46
4		Testosterone cypionate	412	C27H40O3	000058-20-8	38
5		Benzo[ghi]perylene, 4-methyl-	290	C23H14	019224-38-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133391.D
Acq On : 15 May 2023 19:23
Operator : CG\JU
Sample : 02770-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-25990

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-...	4.881	6.3	ng	282071	1	6.716	890721	20.0
trans,trans- an...	8.627	6.3	ng	335477	2	8.004	1056500	20.0
unknown8.745	8.745	5.0	ng	265633	2	8.004	1056500	20.0
unknown8.886	8.886	5.3	ng	274869	3	9.763	1039630	20.0
unknown8.957	8.957	4.8	ng	251162	3	9.763	1039630	20.0
unknown8.992	8.992	6.2	ng	319576	3	9.763	1039630	20.0
unknown9.022	9.022	7.0	ng	364808	3	9.763	1039630	20.0
unknown9.157	9.157	20.0	ng	1039630	3	9.763	1039630	20.0
Benzo[e]pyrene	15.004	10.9	ng	546141	6	15.309	1004450	20.0
Perylene	15.192	49.5	ng	2484920	6	15.309	1004450	20.0
Octadecane	15.745	6.9	ng	344588	6	15.309	1004450	20.0
3,4-Dibromobenz...	15.833	6.2	ng	309513	6	15.309	1004450	20.0
Pentaphene	16.498	8.4	ng	420898	6	15.309	1004450	20.0
Hexadecane	16.762	7.3	ng	366273	6	15.309	1004450	20.0
Picene	16.851	7.8	ng	389841	6	15.309	1004450	20.0
Benzo[b]triphen...	16.903	6.5	ng	328598	6	15.309	1004450	20.0
5H-Naphtho[2,3-...	17.245	8.4	ng	421762	6	15.309	1004450	20.0
Dibenzo[def,mno...	17.327	8.0	ng	401201	6	15.309	1004450	20.0
Stigmast-4-en-3...	18.186	13.7	ng	690031	6	15.309	1004450	20.0