

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092304.D
 Acq On : 17 Jan 2017 00:14
 Operator : UM/SJ
 Sample : I1182-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOD-BC-0.2

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.678	250	253	268	rBV	1081856	1786339	46.14%	3.396%
2	5.147	292	294	310	rBV	2480379	3871334	100.00%	7.360%
3	6.199	383	386	387	rBV	238927	311629	8.05%	0.592%
4	6.233	387	389	396	rVV	3107509	3729137	96.33%	7.090%
5	6.336	396	398	401	rVB	3666258	3736662	96.52%	7.104%
6	6.564	416	418	420	rBV	1083509	1106580	28.58%	2.104%
7	6.713	429	431	434	rBV	2514987	2747455	70.97%	5.223%
8	7.136	465	468	470	rBV	2677239	2438653	62.99%	4.636%
9	7.844	528	530	533	rBV	1176393	1447208	37.38%	2.751%
10	8.427	579	581	583	rBV	106177	88830	2.29%	0.169%
11	8.930	622	625	627	rBV	3928654	3752972	96.94%	7.135%
12	9.056	635	636	638	rVB	52117	52951	1.37%	0.101%
13	9.262	652	654	655	rBV2	30232	43949	1.14%	0.084%
14	9.330	658	660	662	rBV	662128	564293	14.58%	1.073%
15	9.456	667	671	674	rBV	38877	49855	1.29%	0.095%
16	9.593	681	683	685	rBV	1895611	1601453	41.37%	3.045%
17	9.627	685	686	689	rVB2	87866	92117	2.38%	0.175%
18	10.016	717	720	721	rBV2	30954	44588	1.15%	0.085%
19	10.039	721	722	724	rVB	42259	45889	1.19%	0.087%
20	10.142	724	731	734	rVB	66617	100953	2.61%	0.192%
21	10.210	734	737	739	rBV3	15466	42611	1.10%	0.081%
22	10.382	750	752	755	rBV	2400911	2281316	58.93%	4.337%
23	10.519	762	764	767	rBV	77474	121869	3.15%	0.232%
24	10.610	770	772	776	rBV3	34209	59157	1.53%	0.112%
25	10.965	801	803	808	rVB	106004	178457	4.61%	0.339%
26	11.068	810	812	816	rVV2	1739726	2245077	57.99%	4.268%
27	11.148	816	819	821	rVB	206625	209340	5.41%	0.398%
28	11.319	831	834	838	rBV2	414213	767815	19.83%	1.460%
29	11.388	838	840	842	rVB2	115225	146728	3.79%	0.279%
30	11.479	847	848	852	rVB4	28765	49953	1.29%	0.095%
31	11.571	852	856	857	rBV	133541	177564	4.59%	0.338%
32	11.628	859	861	864	rVV2	280318	416012	10.75%	0.791%
33	11.685	864	866	871	rVV2	151738	314361	8.12%	0.598%
34	11.765	871	873	874	rVV	39070	57357	1.48%	0.109%

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 Integrator: RTE
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 Sampling : 1
 Start Thrs: 0.2
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 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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35	11.788	874	875	878	rVV	140322	163483	4.22%	0.311%
36	11.868	880	882	883	rVV	106886	110056	2.84%	0.209%
37	11.902	883	885	887	rVB2	55406	74828	1.93%	0.142%
38	12.131	903	905	911	rBV2	660958	1508328	38.96%	2.868%
39	12.279	916	918	920	rBV	1037478	1085753	28.05%	2.064%
40	12.325	920	922	925	rVV2	36823	64491	1.67%	0.123%
41	12.405	928	929	933	rBV2	83450	164720	4.25%	0.313%
42	12.496	935	937	939	rBV	960241	1095232	28.29%	2.082%
43	12.554	939	942	946	rVB4	65259	155733	4.02%	0.296%
44	12.656	948	951	953	rVV	2531359	2752315	71.09%	5.233%
45	12.725	955	957	959	rBV2	57601	81742	2.11%	0.155%
46	12.828	963	966	968	rVB2	104733	200466	5.18%	0.381%
47	12.896	968	972	974	rBV	129434	164085	4.24%	0.312%
48	12.931	974	975	979	rVB2	89153	137708	3.56%	0.262%
49	13.022	982	983	985	rVB	51373	51646	1.33%	0.098%
50	13.056	985	986	989	rBV	62481	73678	1.90%	0.140%
51	13.114	989	991	993	rBV	95839	116763	3.02%	0.222%
52	13.194	996	998	1001	rBV2	100134	181407	4.69%	0.345%
53	13.342	1010	1011	1015	rVB	66688	88162	2.28%	0.168%
54	13.445	1018	1020	1024	rBV3	79745	227737	5.88%	0.433%
55	13.571	1028	1031	1038	rBV3	141177	370229	9.56%	0.704%
56	13.696	1039	1042	1047	rVV2	1643547	2444584	63.15%	4.648%
57	13.799	1049	1051	1053	rVV	80130	74874	1.93%	0.142%
58	14.005	1067	1069	1071	rVB2	44614	51160	1.32%	0.097%
59	14.051	1071	1073	1074	rBV	41997	46117	1.19%	0.088%
60	14.085	1074	1076	1078	rVV	92688	106350	2.75%	0.202%
61	14.188	1083	1085	1086	rBV2	114740	133447	3.45%	0.254%
62	14.542	1114	1116	1119	rBV2	121426	180522	4.66%	0.343%
63	14.611	1120	1122	1124	rVV	60799	58442	1.51%	0.111%
64	14.691	1127	1129	1133	rBV	513262	861987	22.27%	1.639%
65	14.771	1134	1136	1139	rBV2	598187	687704	17.76%	1.307%
66	14.942	1149	1151	1154	rVB	268898	306756	7.92%	0.583%
67	14.999	1154	1156	1158	rBV	408460	473841	12.24%	0.901%
68	15.045	1158	1160	1163	rBV	1006545	1415432	36.56%	2.691%
69	15.251	1176	1178	1182	rVB4	78827	129956	3.36%	0.247%
70	15.445	1192	1195	1199	rBV	545530	816863	21.10%	1.553%
71	16.097	1249	1252	1255	rBV3	57048	147031	3.80%	0.280%

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

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72	16.280	1265	1268	1271	rBV	218954	406105	10.49%	0.772%
73	16.337	1271	1273	1276	rVB2	63731	95349	2.46%	0.181%
74	16.428	1278	1281	1283	rBV3	70624	160764	4.15%	0.306%
75	16.645	1297	1300	1306	rVB	133508	287428	7.42%	0.546%
76	16.851	1316	1318	1320	rBV	43799	88868	2.30%	0.169%
77	18.280	1440	1443	1446	rVB5	30326	77310	2.00%	0.147%

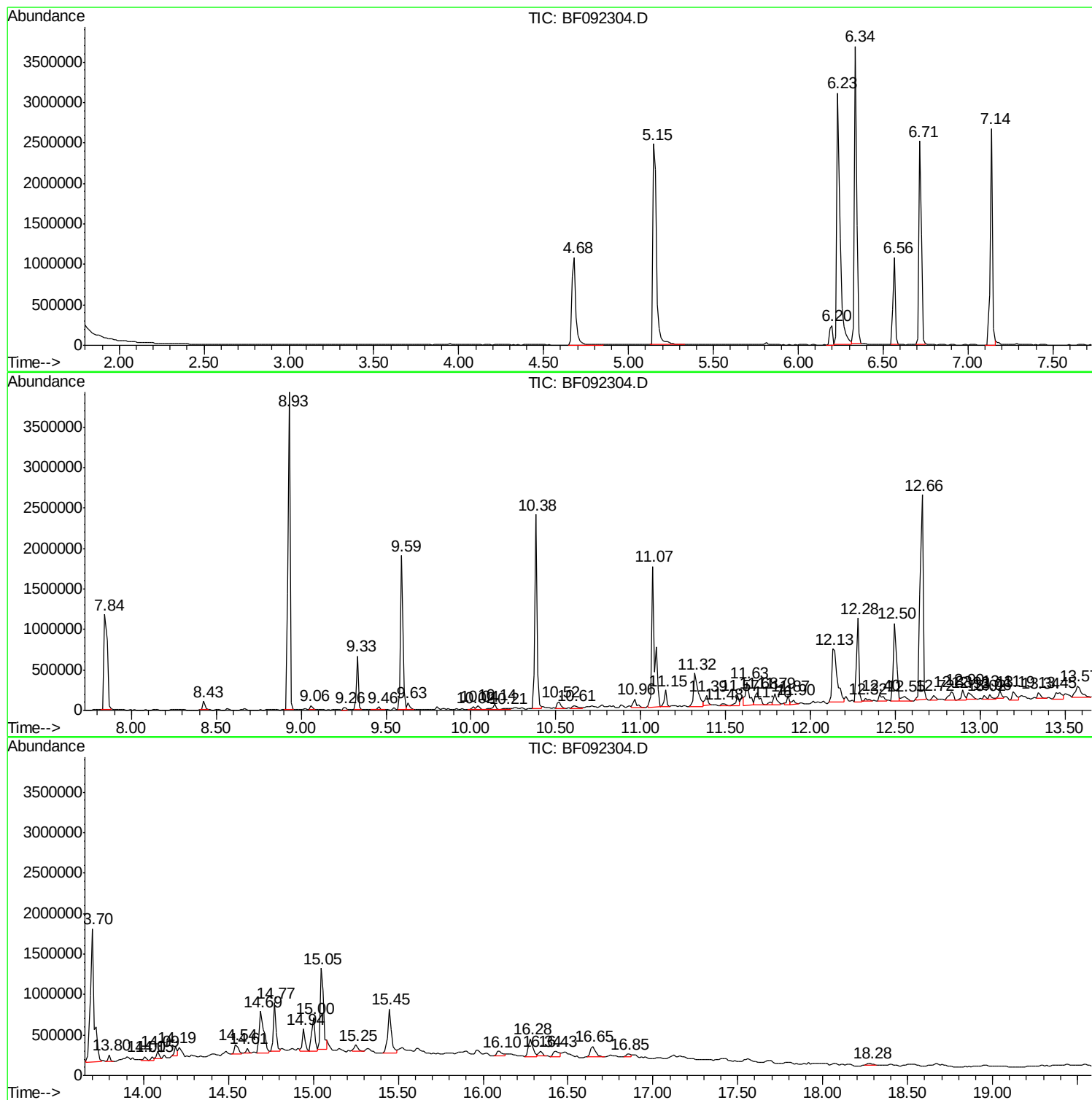
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Instrument :
BNA_F
ClientSampled :
TOD-BC-0.2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
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Instrument :
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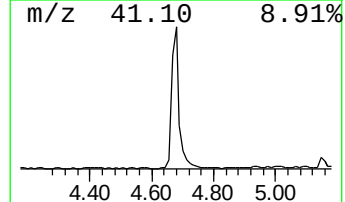
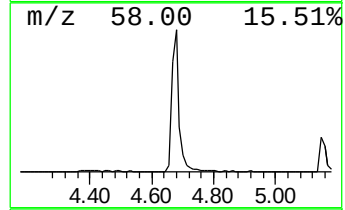
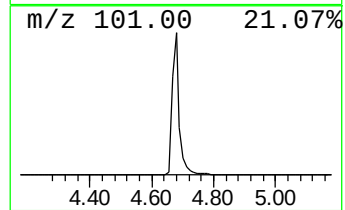
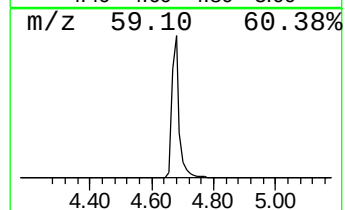
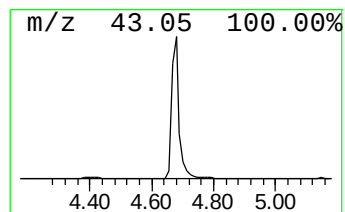
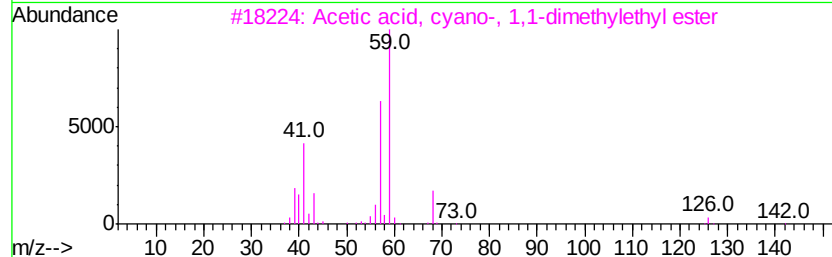
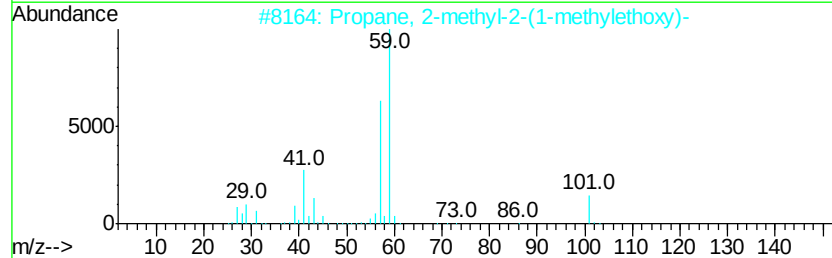
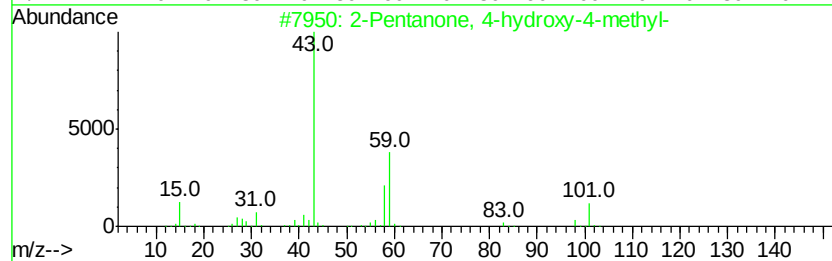
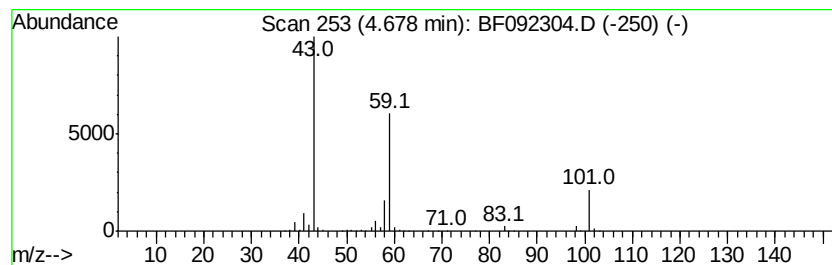
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	32.29 ng	1786340	1,4-Dichlorobenzene-d4	6.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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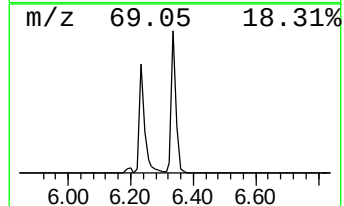
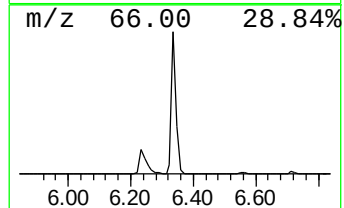
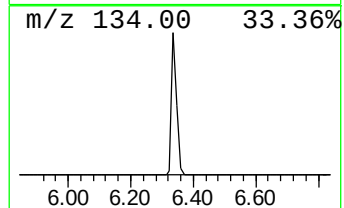
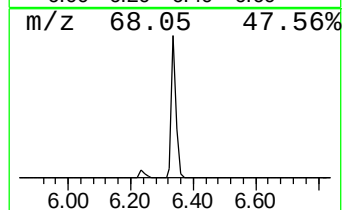
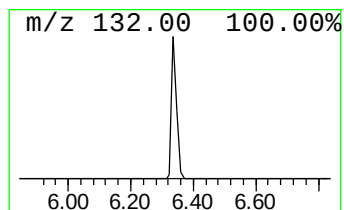
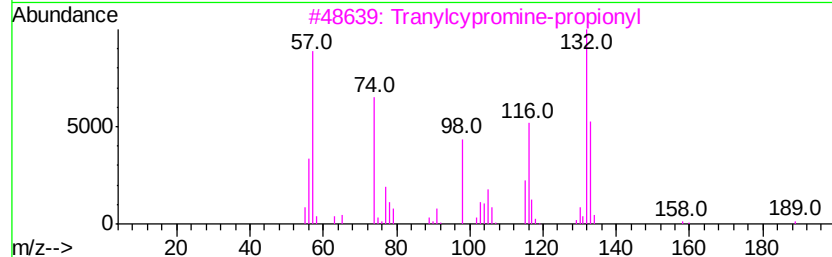
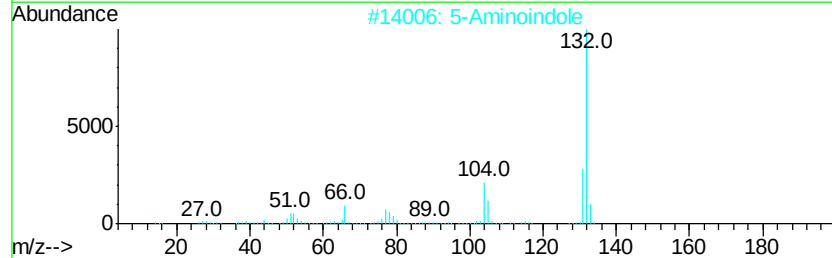
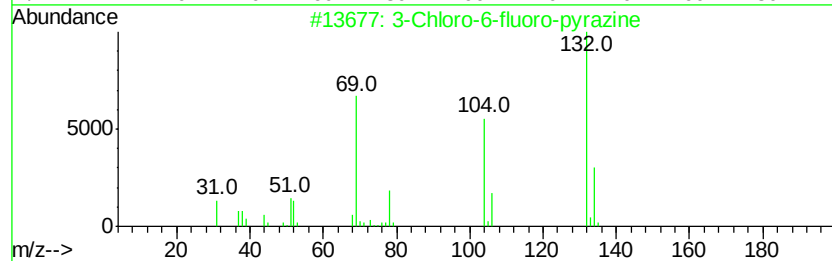
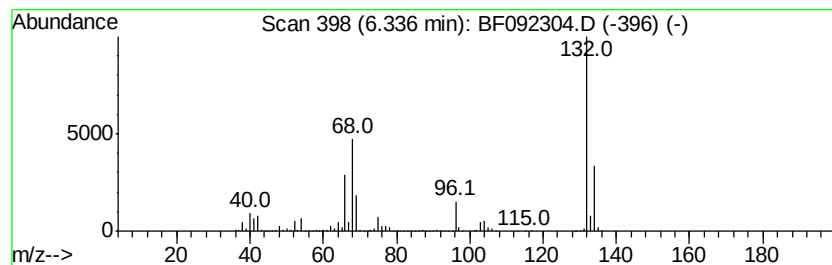
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	67.54 ng	3736660	1,4-Dichlorobenzene-d4	6.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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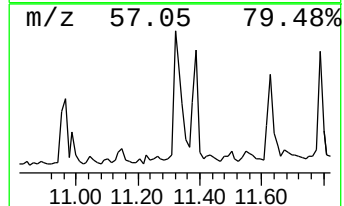
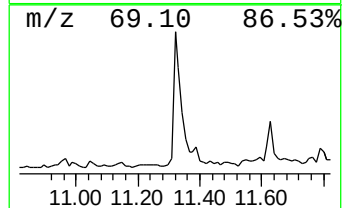
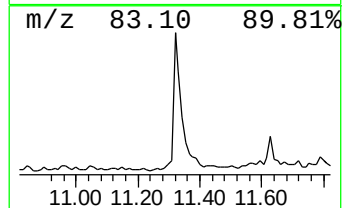
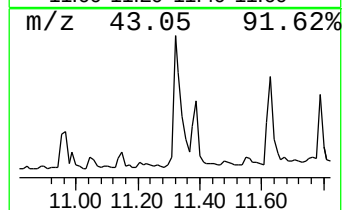
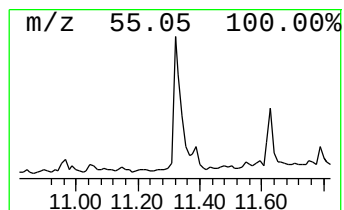
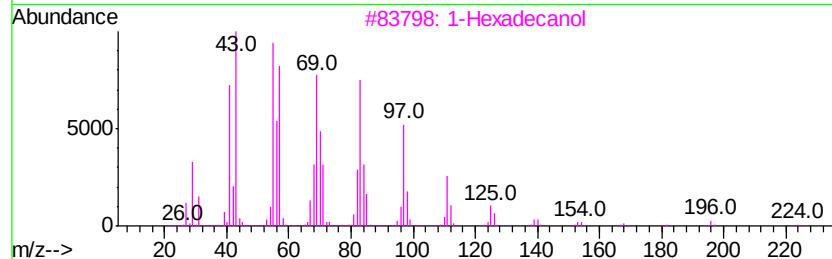
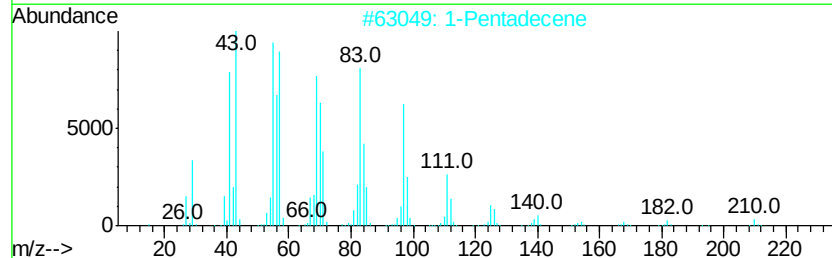
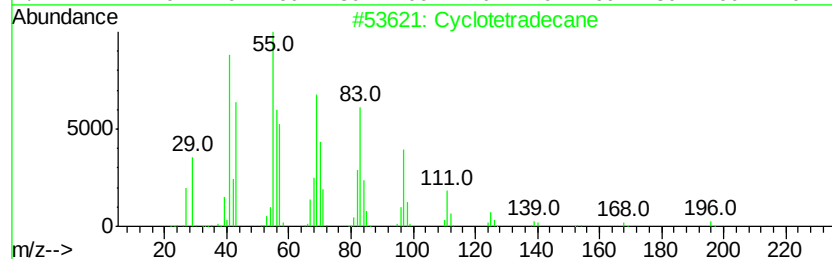
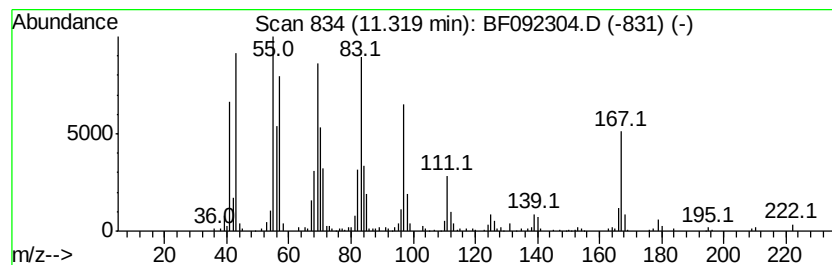
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclotetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	6.84 ng	767815	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	95
2	1-Pentadecene	210	C15H30	013360-61-7	92
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	87



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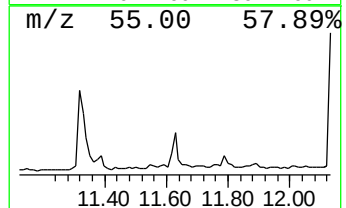
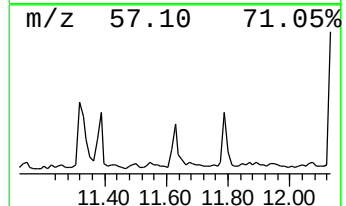
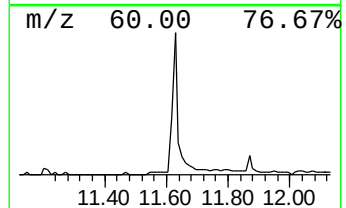
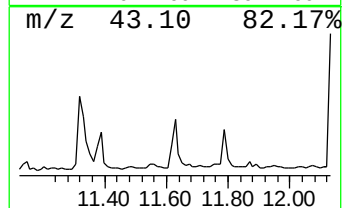
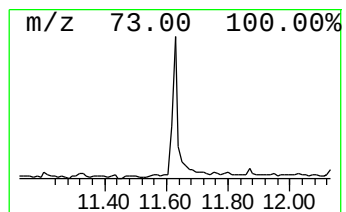
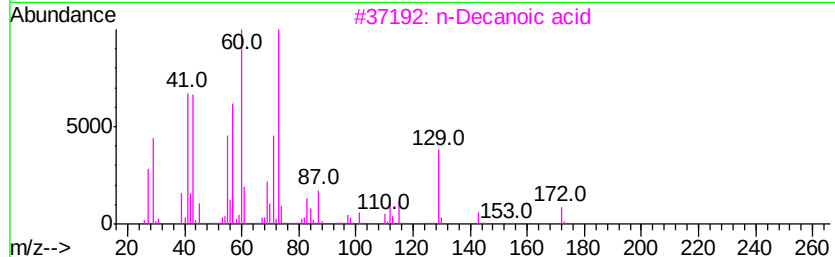
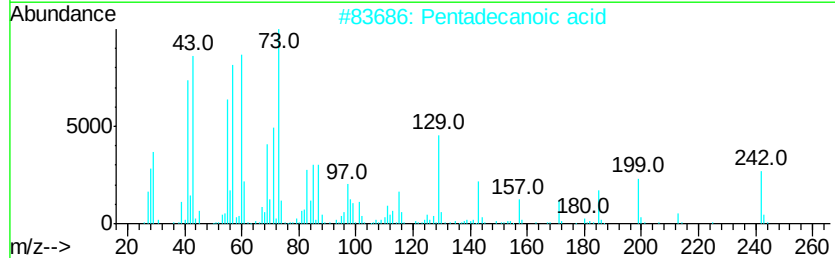
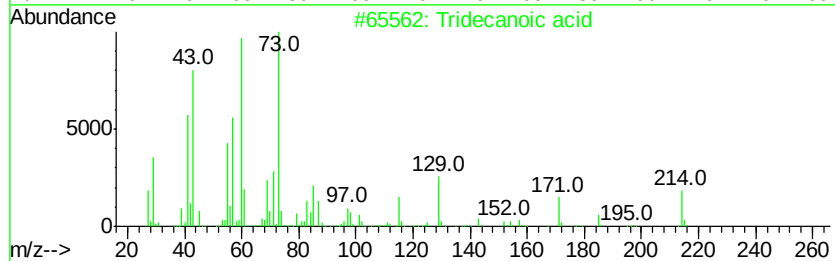
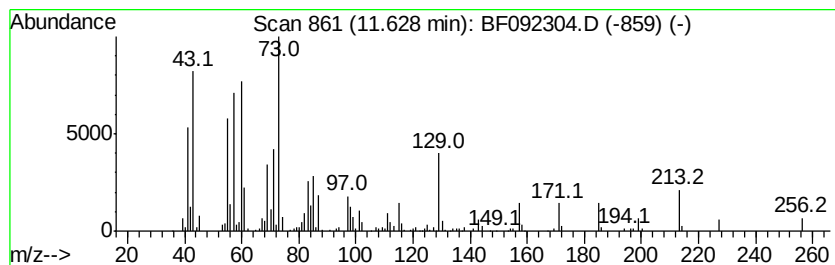
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	3.71 ng	416012	Phenanthrene-d10	11.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	89
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3		n-Decanoic acid	172	C10H20O2	000334-48-5	62
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
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Operator : UM/SJ
Sample : I1182-01
Misc :
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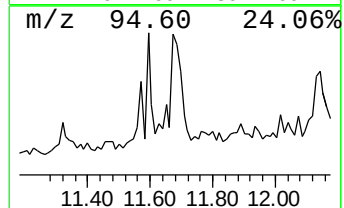
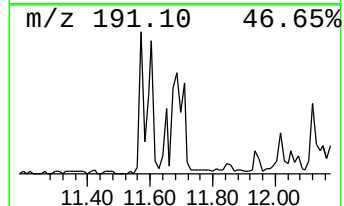
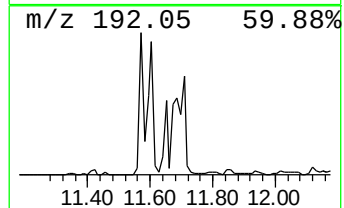
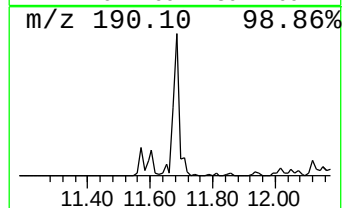
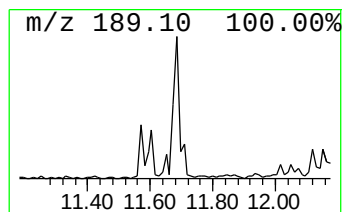
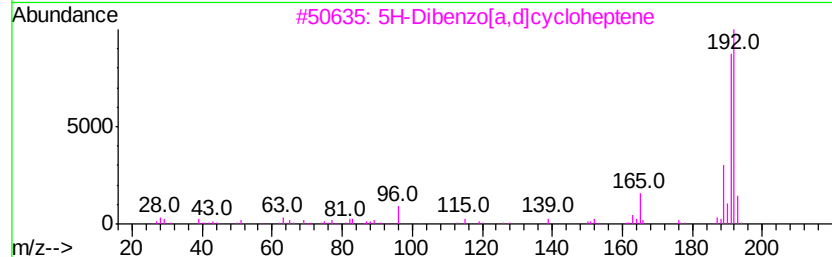
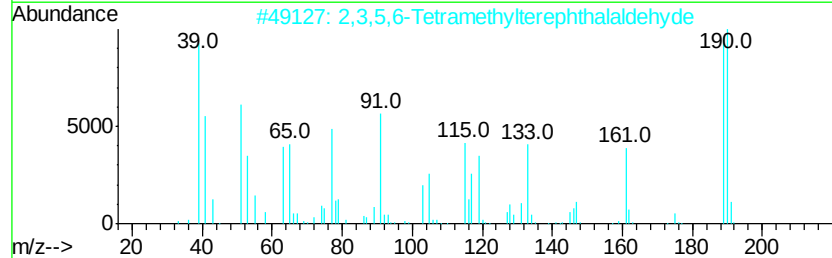
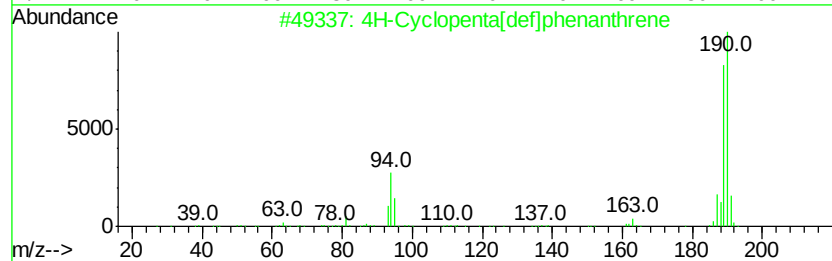
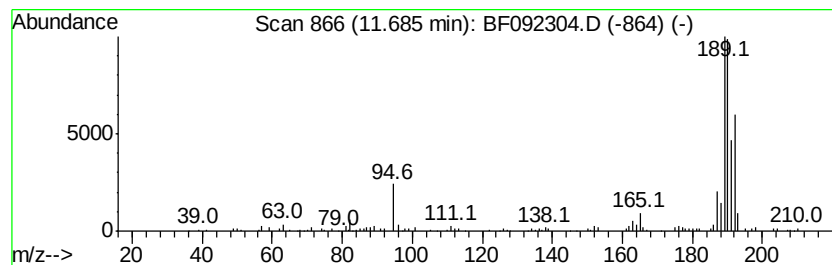
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.68	2.80 ng	314361	Phenanthrene-d10	11.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	15



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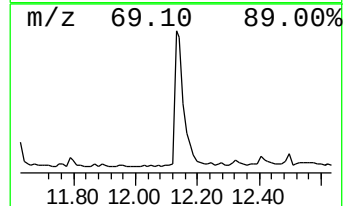
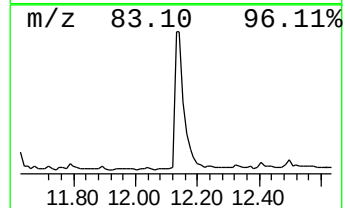
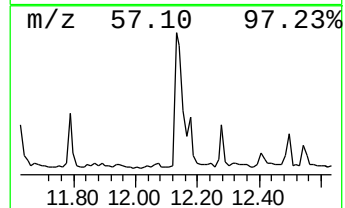
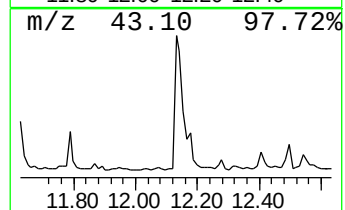
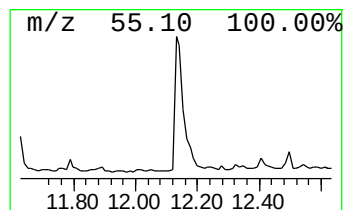
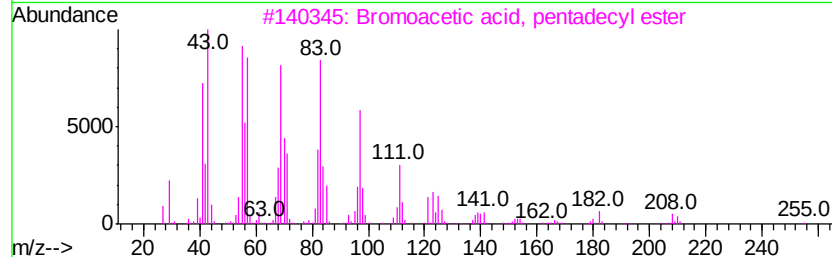
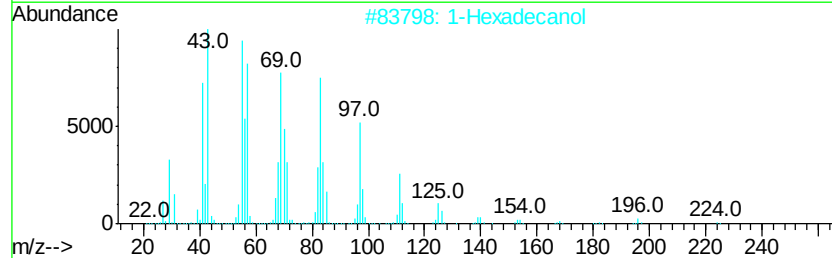
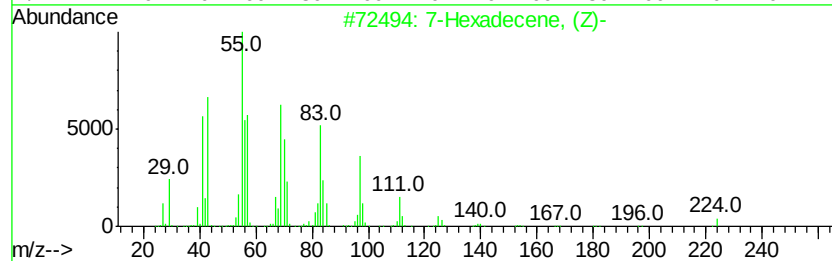
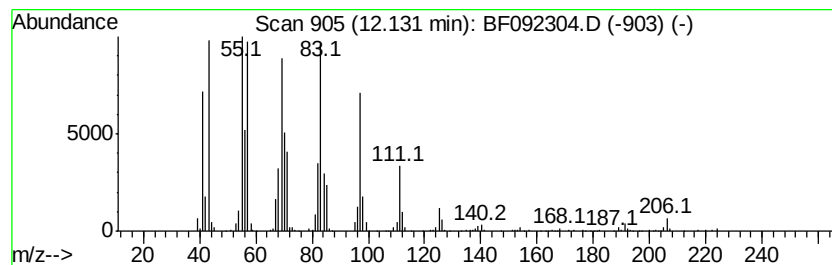
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 7-Hexadecene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.13	13.44 ng	1508330	Phenanthrene-d10	11.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	95
2		1-Hexadecanol	242	C16H34O	036653-82-4	95
3		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5		Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
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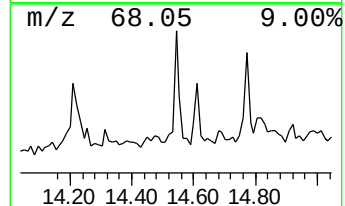
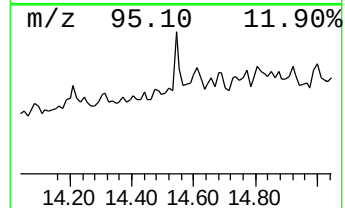
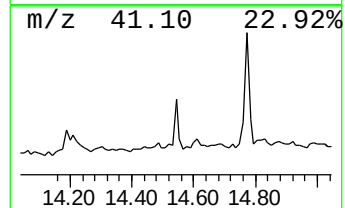
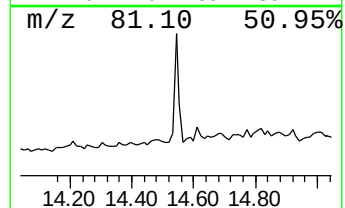
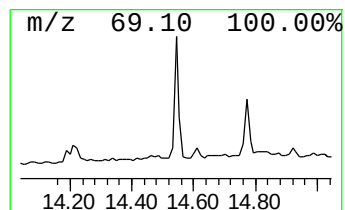
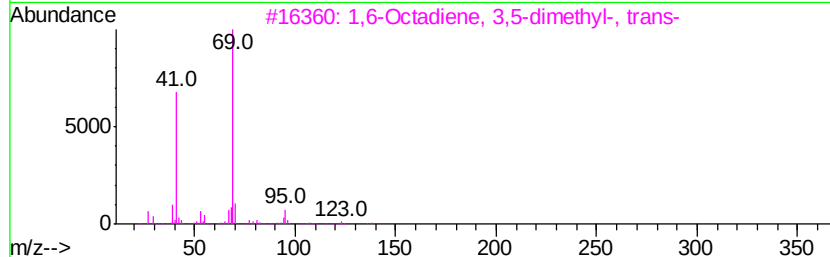
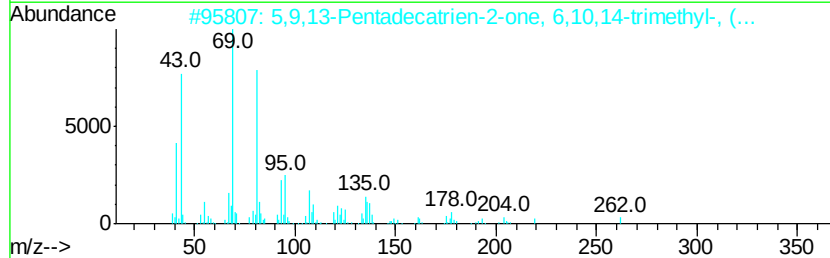
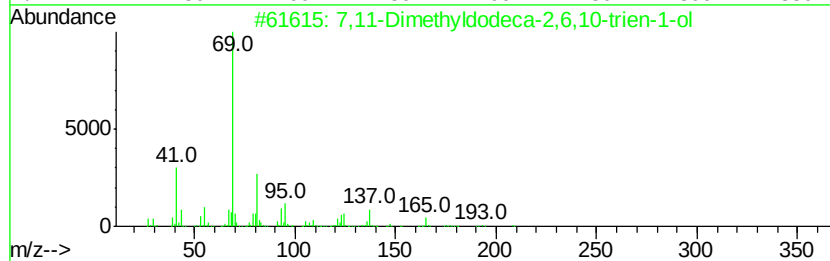
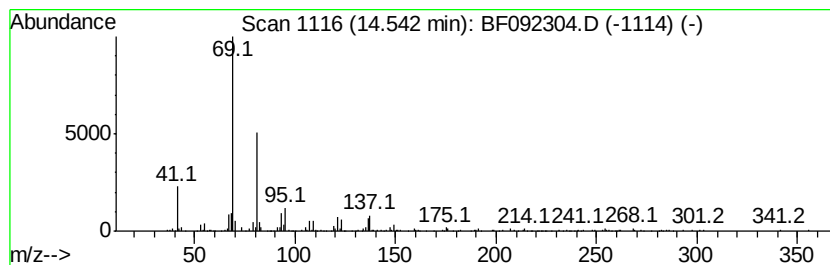
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.55 ng	180522	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	78
2		5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	72
3		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59
4		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	56
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	56



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092304.D
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Misc :
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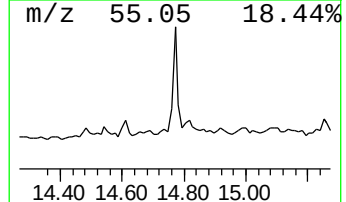
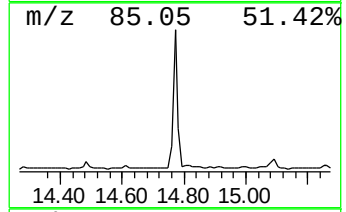
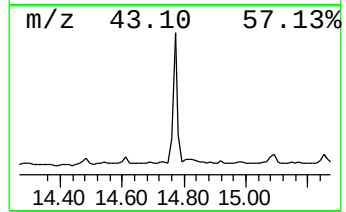
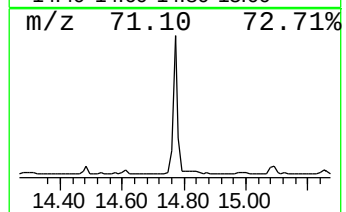
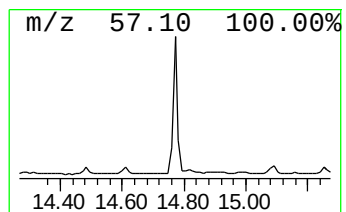
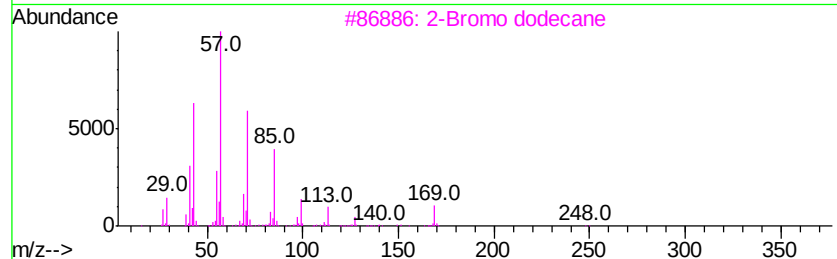
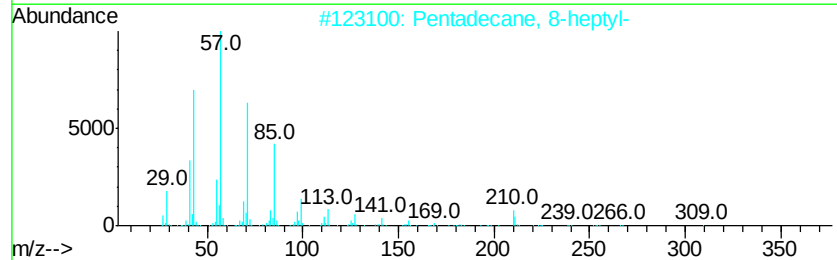
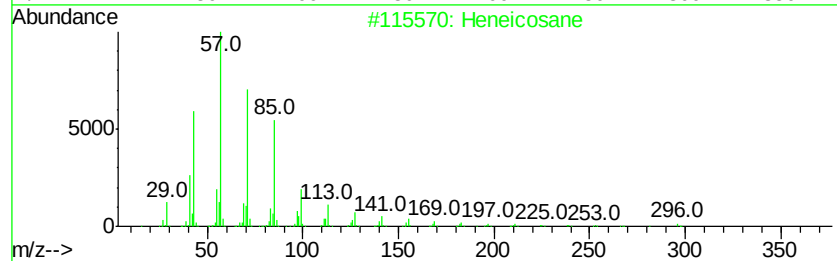
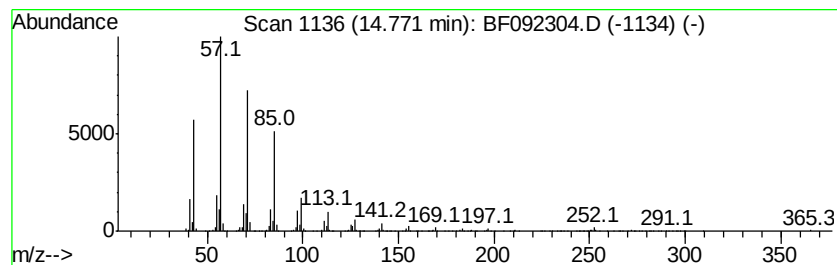
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	9.72 ng	687704	Perylene-d12	15.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	91
3	2-Bromo dodecane		248	C12H25Br	013187-99-0	87
4	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	86
5	Pentacosane		352	C25H52	000629-99-2	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092304.D
Acq On : 17 Jan 2017 00:14
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Misc :
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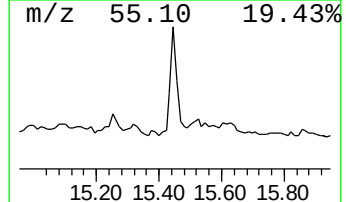
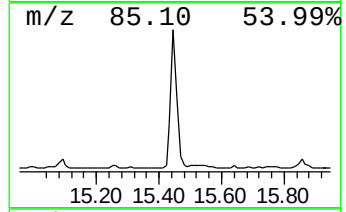
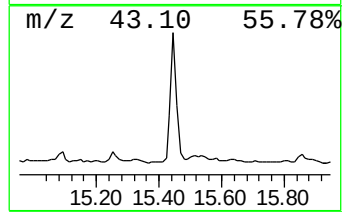
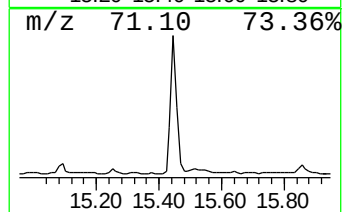
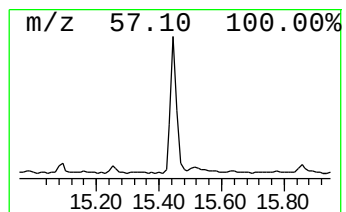
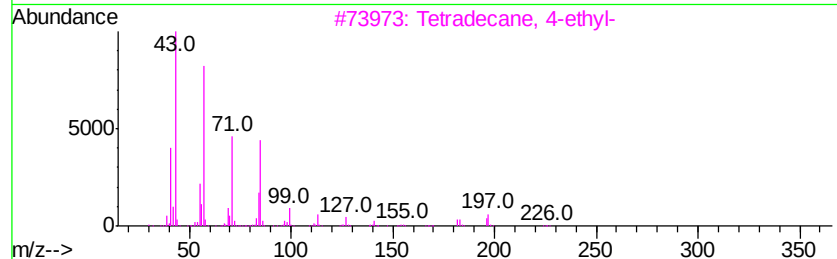
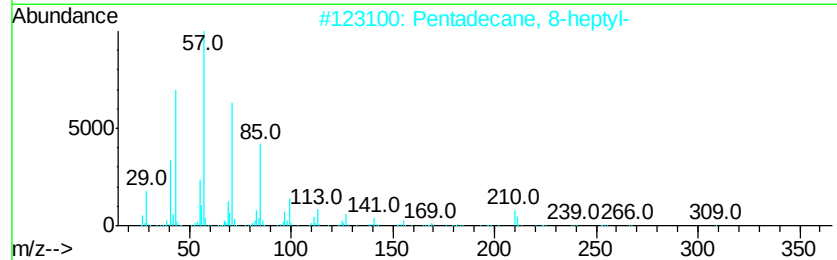
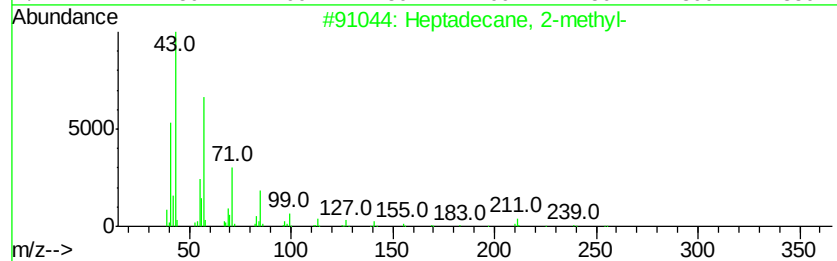
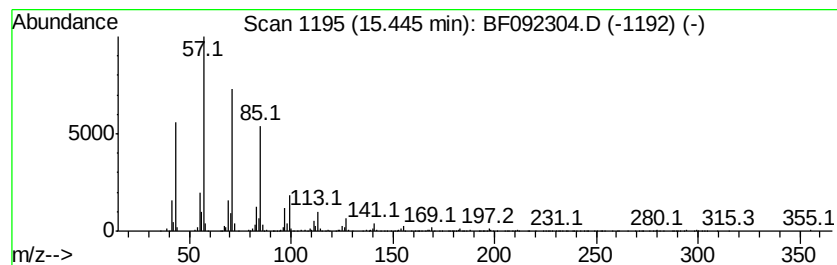
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	11.54 ng	816863	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	94
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	86
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Pentacosane	352	C25H52	000629-99-2	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092304.D
Acq On : 17 Jan 2017 00:14
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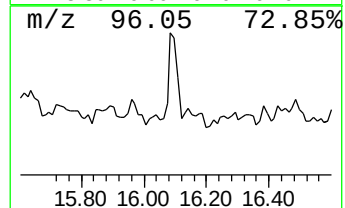
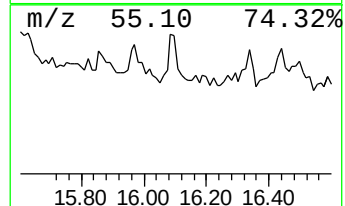
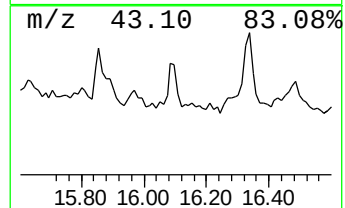
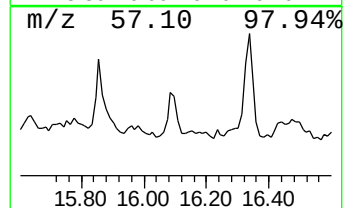
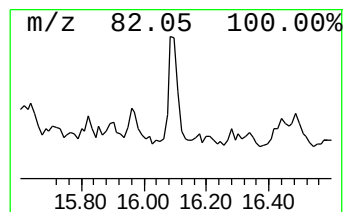
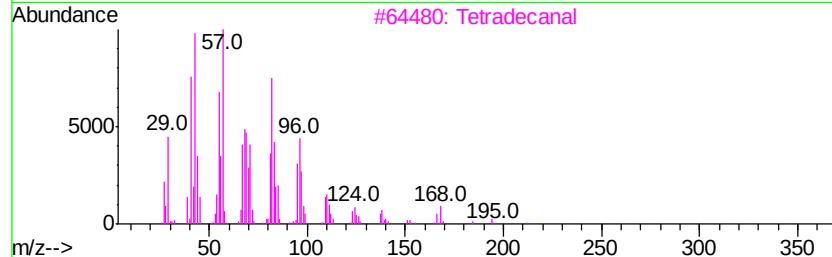
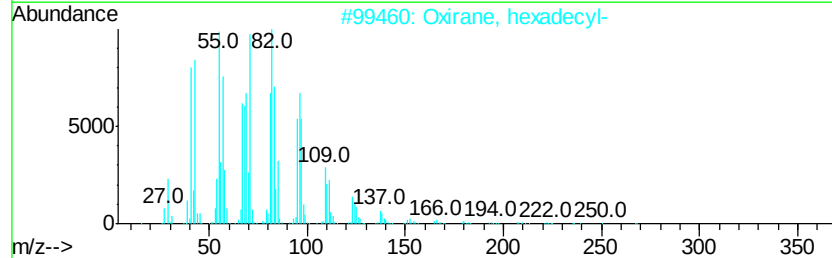
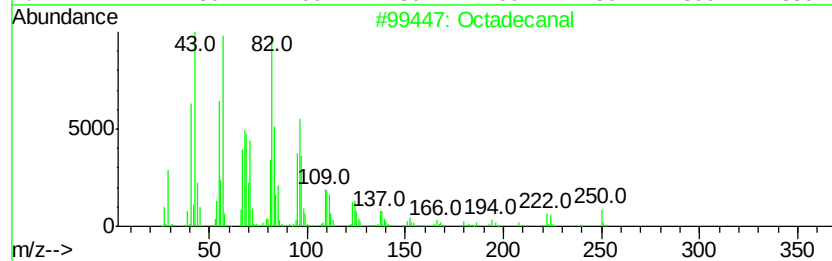
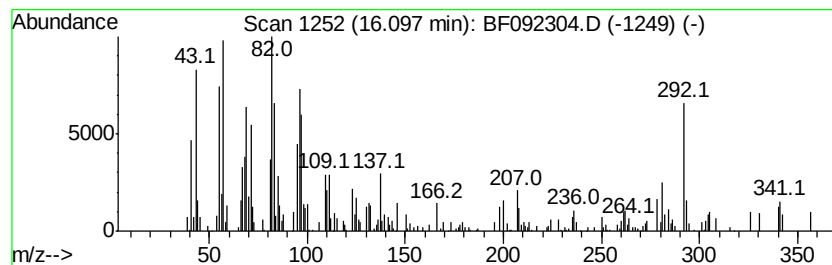
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.08 ng	147031	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	60
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	50
3		Tetradecanal	212	C14H28O	000124-25-4	49
4		16-Heptadecenal	252	C17H32O	1000144-57-9	49
5		Cyclododecanol	184	C12H24O	001724-39-6	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092304.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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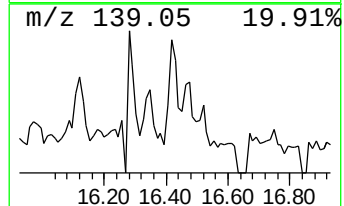
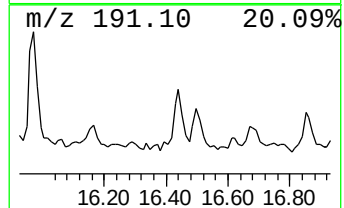
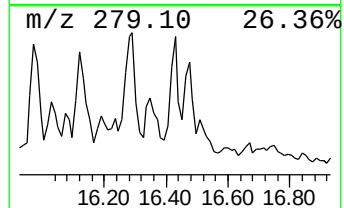
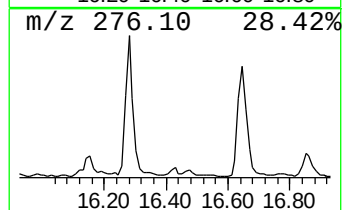
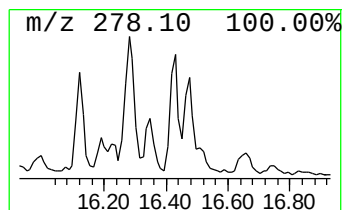
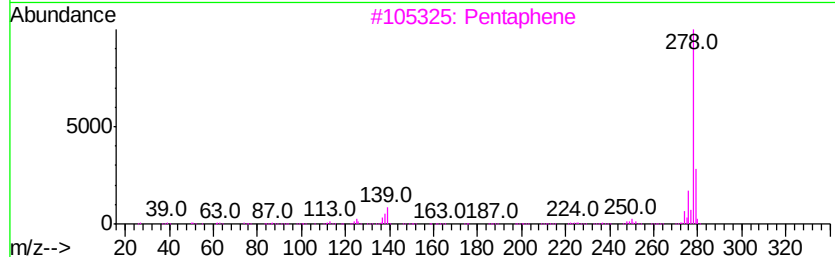
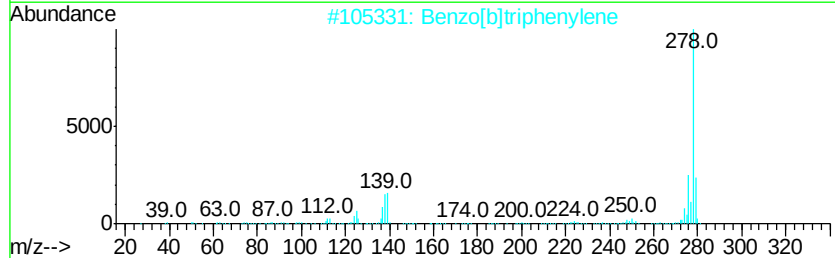
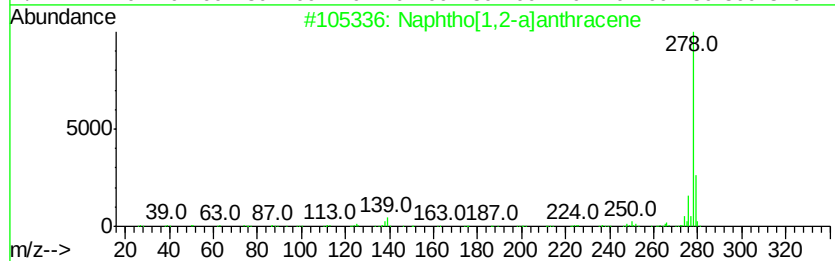
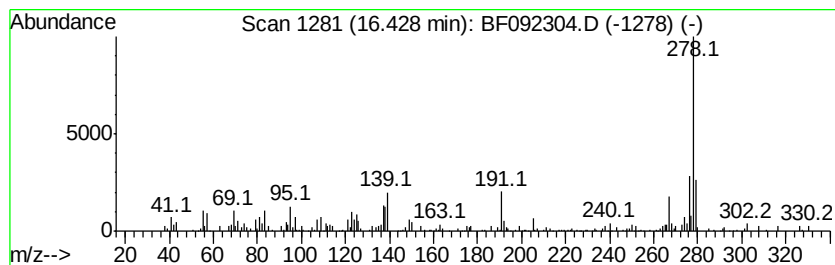
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphtho[1,2-a]anthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.27 ng	160764	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	95
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	91
3		Pentaphene	278	C22H14	000222-93-5	86
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
5		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092304.D
 Acq On : 17 Jan 2017 00:14
 Operator : UM/SJ
 Sample : I1182-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOD-BC-0.2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.68	32.3	ng	1786340	1	6.56	1106580	20.0
unknown6.34	6.34	67.5	ng	3736660	1	6.56	1106580	20.0
Cyclotetradecane	11.32	6.8	ng	767815	4	11.07	2245080	20.0
Tridecanoic acid	11.63	3.7	ng	416012	4	11.07	2245080	20.0
4H-Cyclopenta[def...	11.68	2.8	ng	314361	4	11.07	2245080	20.0
7-Hexadecene, (Z)-	12.13	13.4	ng	1508330	4	11.07	2245080	20.0
7,11-Dimethyldode...	14.54	2.5	ng	180522	6	15.05	1415430	20.0
Heneicosane	14.77	9.7	ng	687704	6	15.05	1415430	20.0
Heptadecane, 2-me...	15.45	11.5	ng	816863	6	15.05	1415430	20.0
Octadecanal	16.10	2.1	ng	147031	6	15.05	1415430	20.0
Naphtho[1,2-a]ant...	16.43	2.3	ng	160764	6	15.05	1415430	20.0