

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083474.D
 Acq On : 3 Dec 2015 22:21
 Operator : UM/IZ
 Sample : G4608-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-5-20151130

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-BF113015.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	4.636	255	258	271	rVB	537534	1047314	24.77%	1.645%
2	5.116	298	300	313	rBV	3507226	4084068	96.58%	6.414%
3	6.201	393	395	402	rBV	3830309	4133321	97.74%	6.491%
4	6.304	402	404	406	rBV	4245709	4228743	100.00%	6.641%
5	6.521	421	423	426	rBV	960980	1118080	26.44%	1.756%
6	6.681	435	437	440	rBV	3013200	2920770	69.07%	4.587%
7	7.104	471	474	476	rBV	2792918	2831855	66.97%	4.447%
8	7.253	484	487	490	rBV	97000	159519	3.77%	0.251%
9	7.733	526	529	534	rBV2	34864	86933	2.06%	0.137%
10	7.813	534	536	546	rVB	1407292	1534263	36.28%	2.410%
11	8.213	568	571	574	rBV	64579	109456	2.59%	0.172%
12	8.625	605	607	611	rVB	56657	55240	1.31%	0.087%
13	8.773	616	620	624	rBV	81466	117411	2.78%	0.184%
14	8.899	628	631	633	rBV	4514293	4186742	99.01%	6.575%
15	9.230	655	660	661	rBV2	40895	78555	1.86%	0.123%
16	9.299	664	666	668	rVV	972952	869519	20.56%	1.366%
17	9.345	668	670	673	rVB2	38096	68155	1.61%	0.107%
18	9.425	675	677	678	rVB	119894	140024	3.31%	0.220%
19	9.516	683	685	687	rBV2	139309	174735	4.13%	0.274%
20	9.562	687	689	691	rBV	1661865	1587332	37.54%	2.493%
21	9.768	704	707	709	rBV2	99327	156819	3.71%	0.246%
22	9.802	709	710	712	rVV	58681	55596	1.31%	0.087%
23	9.882	715	717	720	rBV3	28232	58296	1.38%	0.092%
24	9.985	723	726	727	rBV	65255	79946	1.89%	0.126%
25	10.019	727	729	730	rVB2	121384	136909	3.24%	0.215%
26	10.099	735	736	740	rVB	175676	170677	4.04%	0.268%
27	10.168	740	742	745	rBV3	35689	71670	1.69%	0.113%
28	10.236	745	748	749	rBV2	73516	127645	3.02%	0.200%
29	10.259	749	750	754	rVB2	59919	83523	1.98%	0.131%
30	10.350	755	758	760	rBV	2073124	2246975	53.14%	3.529%
31	10.488	768	770	774	rVB	153031	247988	5.86%	0.389%
32	10.590	777	779	781	rBV2	57731	77450	1.83%	0.122%
33	10.830	799	800	803	rVB2	67484	75542	1.79%	0.119%
34	10.876	803	804	807	rVB2	73009	93981	2.22%	0.148%

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35	10.933	807	809	811	rBV2	53238	91278	2.16%	0.143%
36	10.979	811	813	815	rVV	162101	192129	4.54%	0.302%
37	11.013	815	816	820	rVB	51574	71878	1.70%	0.113%
38	11.093	820	823	824	rBV	1243416	1339275	31.67%	2.103%
39	11.128	824	826	828	rVV	1195578	1653520	39.10%	2.597%
40	11.185	828	831	833	rVV	321777	449194	10.62%	0.705%
41	11.231	833	835	837	rVB	47532	60119	1.42%	0.094%
42	11.402	846	850	853	rVV2	186505	340434	8.05%	0.535%
43	11.493	856	858	862	rVB4	89576	118319	2.80%	0.186%
44	11.699	873	876	877	rBV	242315	276701	6.54%	0.435%
45	11.733	877	879	882	rVB	301551	333464	7.89%	0.524%
46	11.791	882	884	886	rBV	496714	752755	17.80%	1.182%
47	11.836	886	888	889	rVV	332885	492942	11.66%	0.774%
48	11.859	889	890	893	rVB2	163300	214534	5.07%	0.337%
49	11.939	895	897	899	rVV3	26121	54761	1.29%	0.086%
50	12.019	901	904	905	rVV2	47192	81677	1.93%	0.128%
51	12.076	907	909	911	rVV2	132197	190783	4.51%	0.300%
52	12.111	911	912	916	rVB2	131320	157789	3.73%	0.248%
53	12.213	919	921	923	rBV2	49454	62927	1.49%	0.099%
54	12.282	925	927	929	rBV2	38896	63725	1.51%	0.100%
55	12.316	929	930	932	rBV	58288	70469	1.67%	0.111%
56	12.419	936	939	941	rBV2	130069	228563	5.40%	0.359%
57	12.476	941	944	947	rVV3	482752	737245	17.43%	1.158%
58	12.522	947	948	952	rVB3	110390	227386	5.38%	0.357%
59	12.625	954	957	960	rBV	1947052	2294309	54.26%	3.603%
60	12.705	961	964	966	rBV3	65408	140992	3.33%	0.221%
61	12.751	966	968	972	rVB2	104442	161837	3.83%	0.254%
62	12.819	972	974	976	rBV	101667	131785	3.12%	0.207%
63	12.865	976	978	980	rBV2	224093	299428	7.08%	0.470%
64	12.934	981	984	986	rVV	1688910	2331854	55.14%	3.662%
65	13.014	989	991	992	rVV	59602	77523	1.83%	0.122%
66	13.116	995	1000	1002	rBV2	97113	177440	4.20%	0.279%
67	13.185	1002	1006	1008	rVB	1854868	2856139	67.54%	4.486%
68	13.254	1008	1012	1015	rBV3	109905	233373	5.52%	0.367%
69	13.379	1020	1023	1024	rBV	101204	160759	3.80%	0.252%
70	13.414	1024	1026	1029	rVB2	225438	327329	7.74%	0.514%
71	13.505	1032	1034	1036	rBV	99078	141622	3.35%	0.222%

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72	13.562	1036	1039	1045	rBV5	211512	465949	11.02%	0.732%
73	13.688	1048	1050	1052	rVB	106839	121166	2.87%	0.190%
74	13.734	1052	1054	1057	rBV	92575	148882	3.52%	0.234%
75	13.905	1066	1069	1073	rVB2	134106	247076	5.84%	0.388%
76	13.985	1073	1076	1080	rBV3	129760	289506	6.85%	0.455%
77	14.134	1086	1089	1090	rBV2	59492	145243	3.43%	0.228%
78	14.168	1090	1092	1097	rVB2	172768	320009	7.57%	0.503%
79	14.328	1103	1106	1108	rBV	144089	269494	6.37%	0.423%
80	14.374	1108	1110	1113	rVV2	129191	328480	7.77%	0.516%
81	14.431	1113	1115	1117	rVV2	103801	192042	4.54%	0.302%
82	14.477	1117	1119	1123	rVB2	176364	335761	7.94%	0.527%
83	14.625	1129	1132	1133	rBV2	199966	353516	8.36%	0.555%
84	14.705	1136	1139	1141	rVV2	1030094	2294521	54.26%	3.603%
85	14.751	1141	1143	1145	rVV	780540	1020774	24.14%	1.603%
86	14.831	1148	1150	1151	rVV	101964	156825	3.71%	0.246%
87	14.865	1151	1153	1155	rVB	103304	150297	3.55%	0.236%
88	15.025	1165	1167	1169	rVB2	107303	155649	3.68%	0.244%
89	15.082	1170	1172	1175	rBV	85560	162375	3.84%	0.255%
90	15.139	1175	1177	1181	rVB	107577	198174	4.69%	0.311%
91	15.322	1190	1193	1196	rBV	146881	247074	5.84%	0.388%
92	16.271	1272	1276	1278	rBV	714410	1536240	36.33%	2.413%
93	16.397	1286	1287	1290	rVB	137032	176487	4.17%	0.277%
94	16.637	1305	1308	1311	rBV	369608	582491	13.77%	0.915%
95	16.705	1311	1314	1318	rVB	593112	798826	18.89%	1.255%
96	16.774	1318	1320	1322	rBV	526241	804666	19.03%	1.264%
97	17.494	1381	1383	1387	rVB3	116734	210817	4.99%	0.331%
98	18.157	1438	1441	1446	rVB2	283479	552520	13.07%	0.868%
99	18.363	1457	1459	1463	rVB3	76021	150007	3.55%	0.236%
100	18.523	1470	1473	1477	rVB	237411	448716	10.61%	0.705%

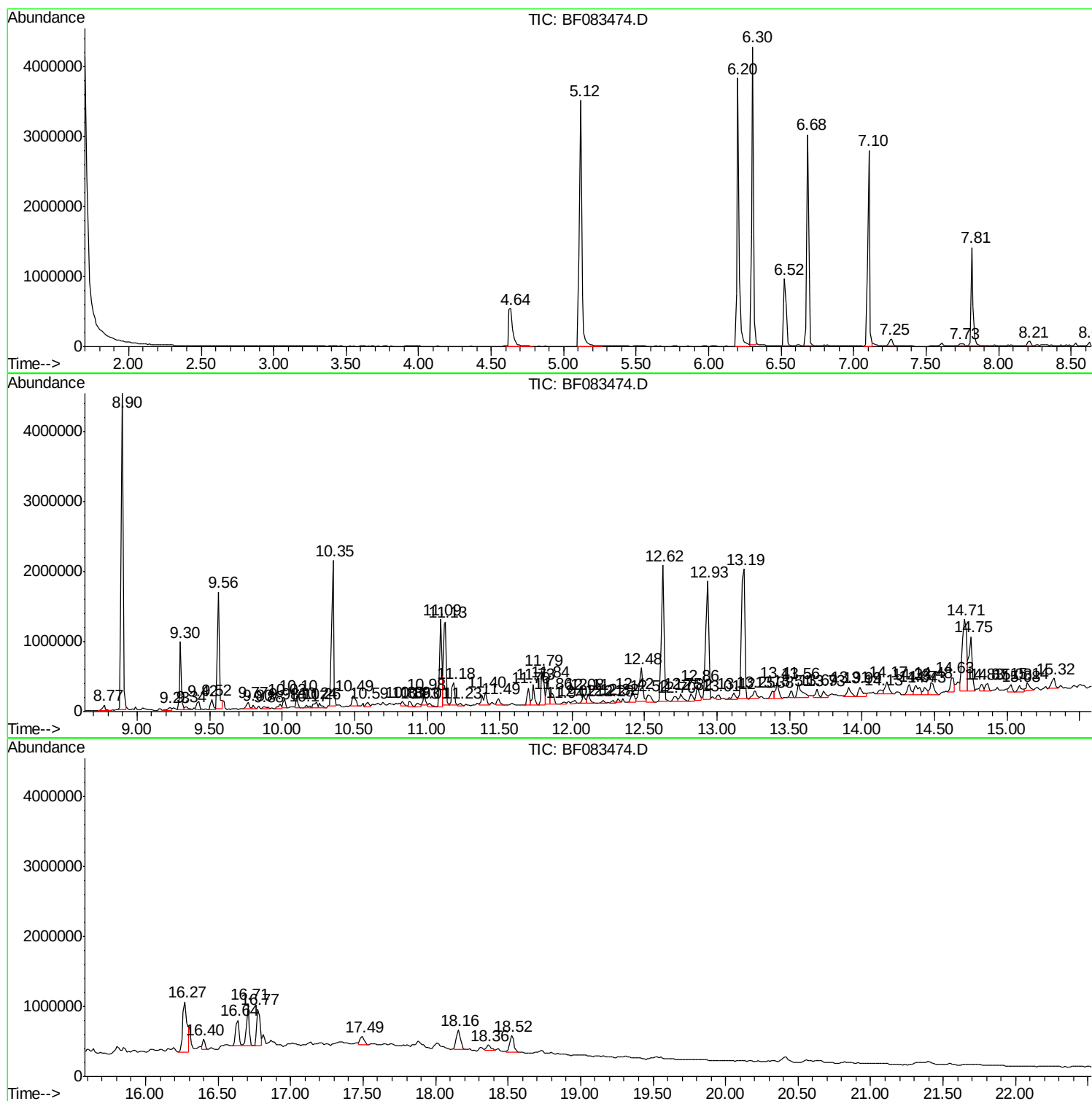
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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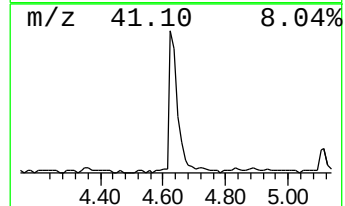
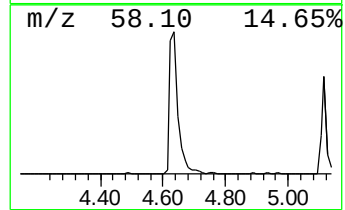
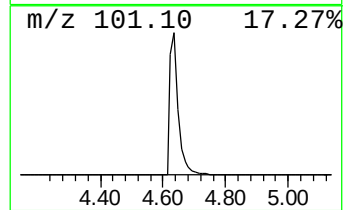
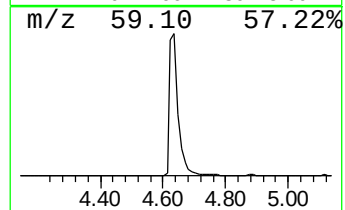
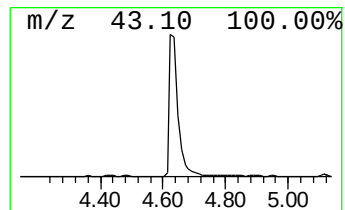
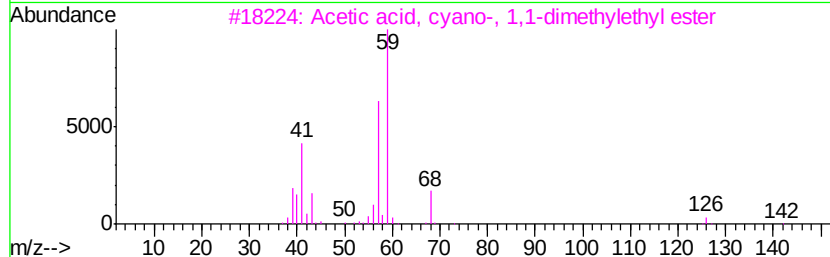
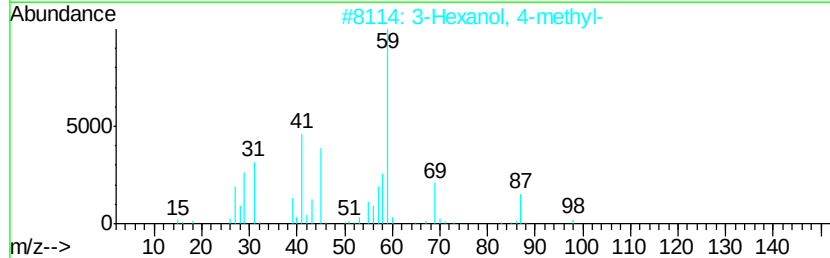
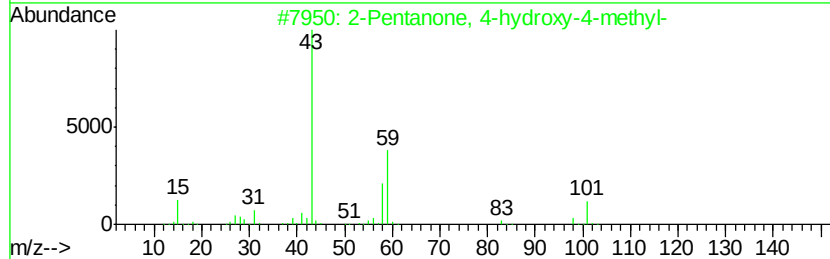
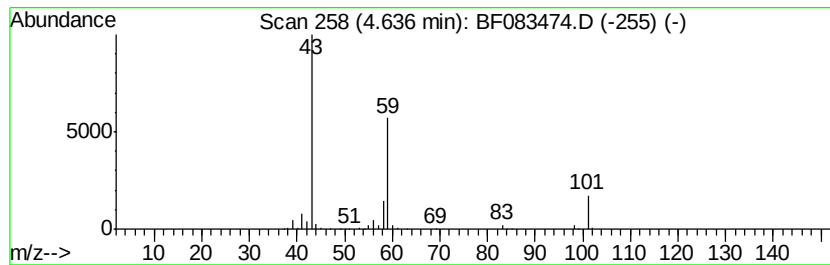
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.64	18.73 ng	1047310	1,4-Dichlorobenzene-d4	6.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9



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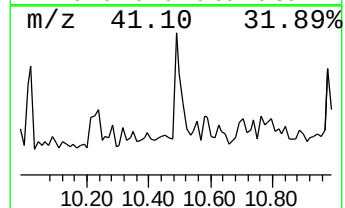
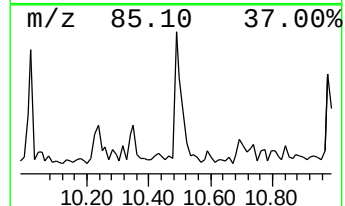
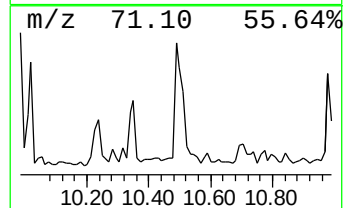
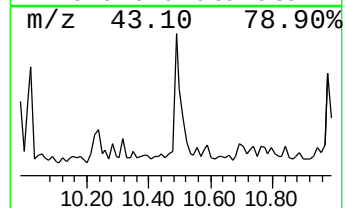
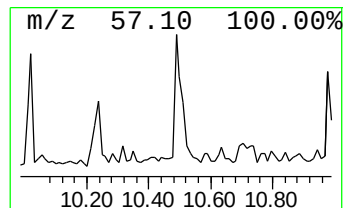
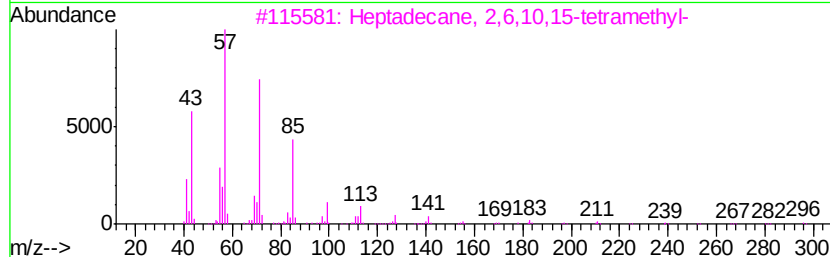
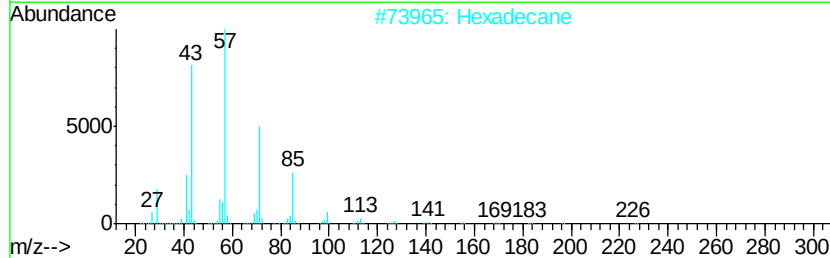
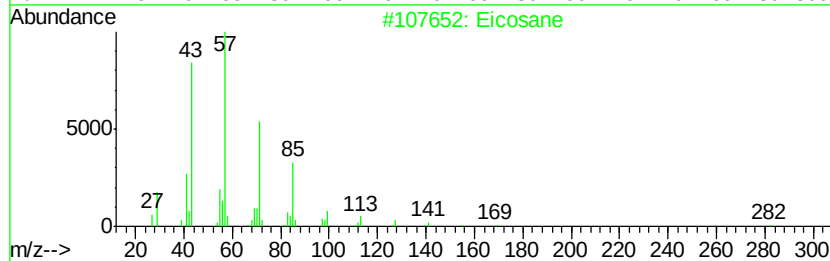
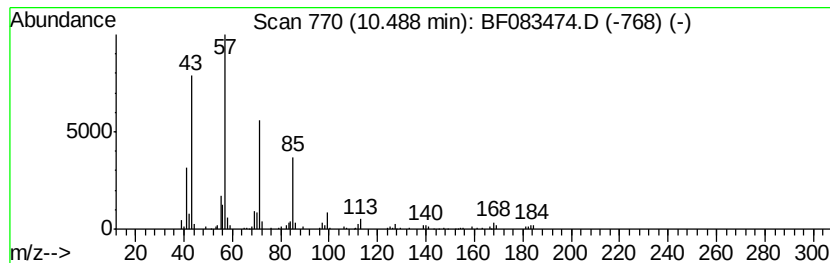
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	3.70 ng	247988	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Hexadecane	226	C16H34	000544-76-3	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4		Tridecane	184	C13H28	000629-50-5	68
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53



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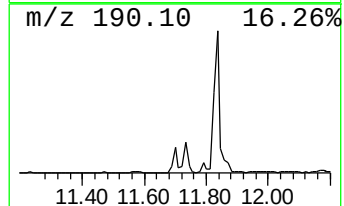
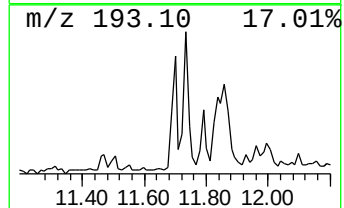
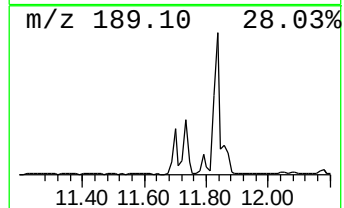
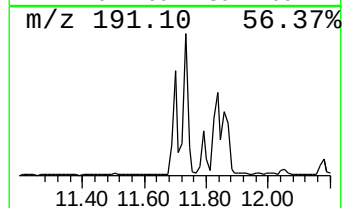
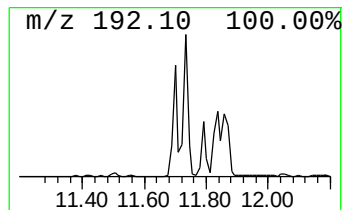
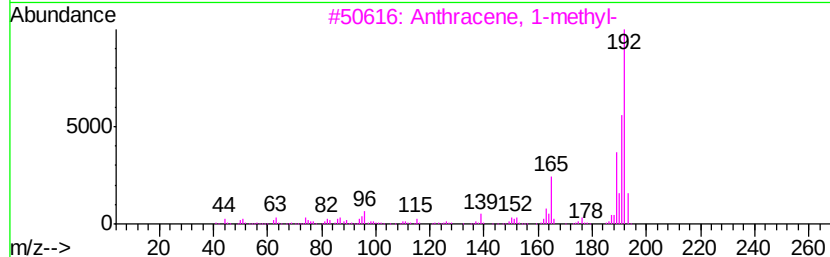
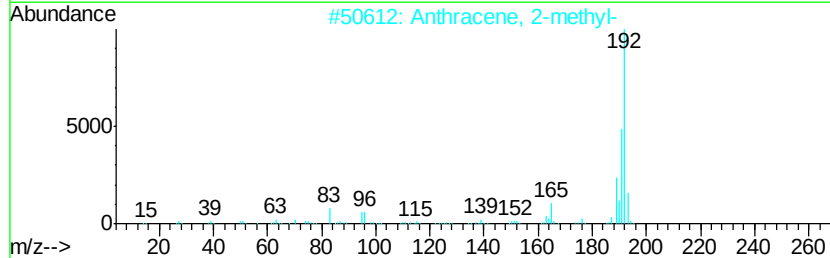
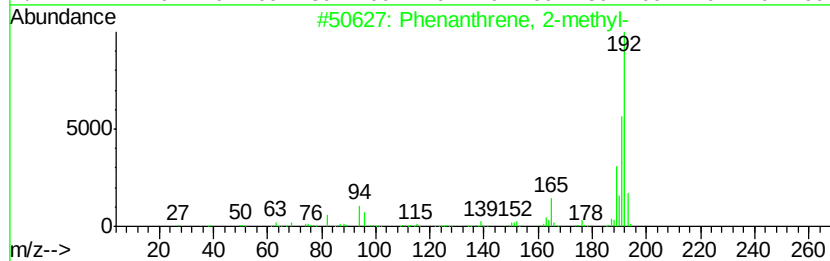
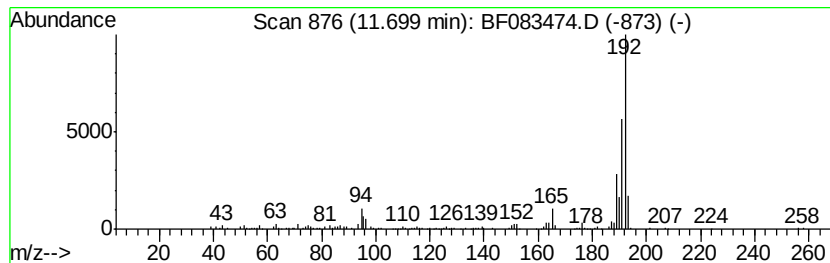
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Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.70	4.13 ng	276701	Phenanthrene-d10	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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Acq On : 3 Dec 2015 22:21
Operator : UM/IZ
Sample : G4608-03
Misc :
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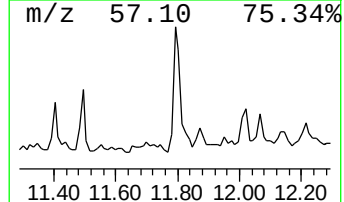
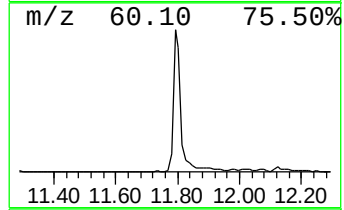
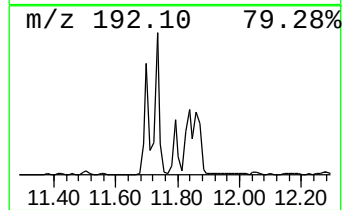
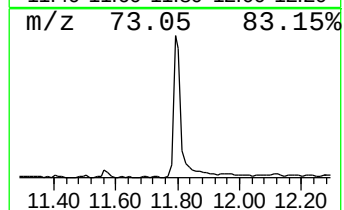
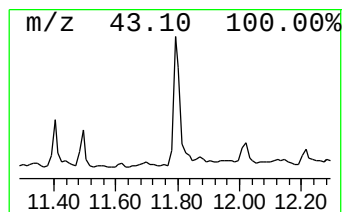
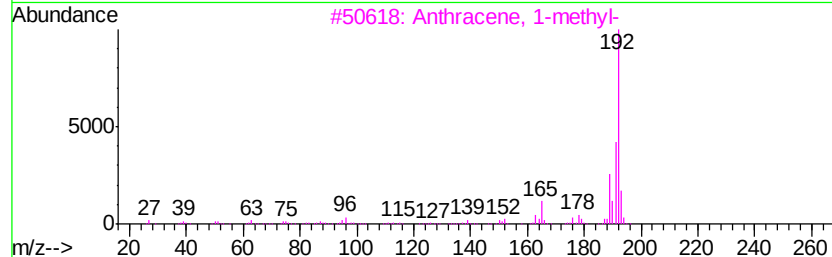
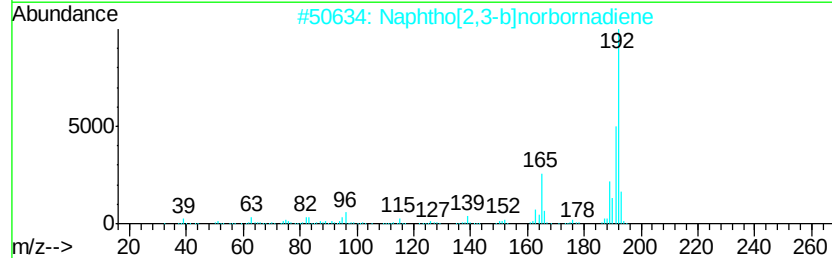
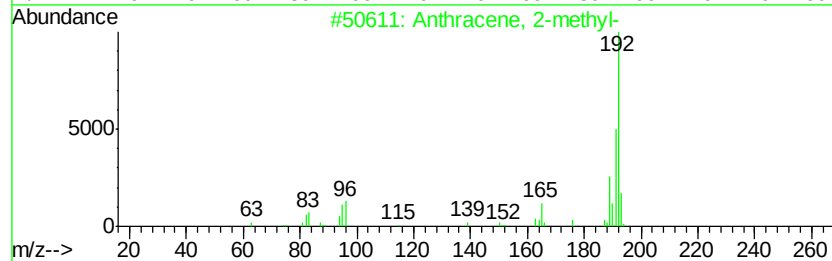
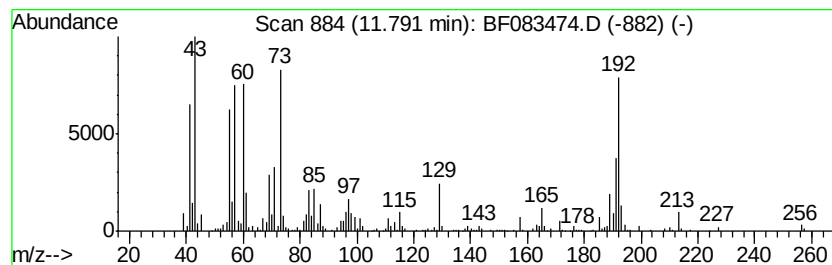
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ClientSampleId :
CWC-MISC-5-20151130

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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 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	11.24 ng	752755	Phenanthrene-d10	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	74
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	52
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	51



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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Sample : G4608-03
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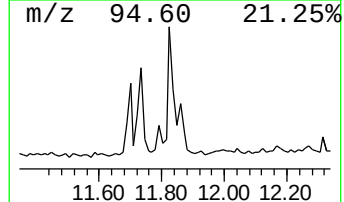
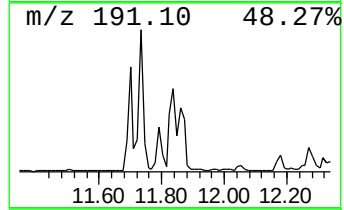
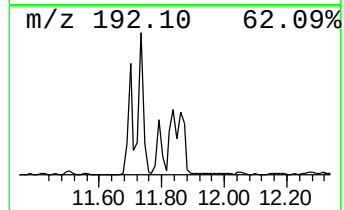
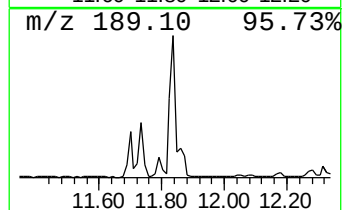
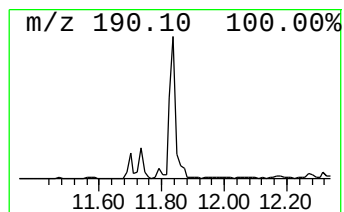
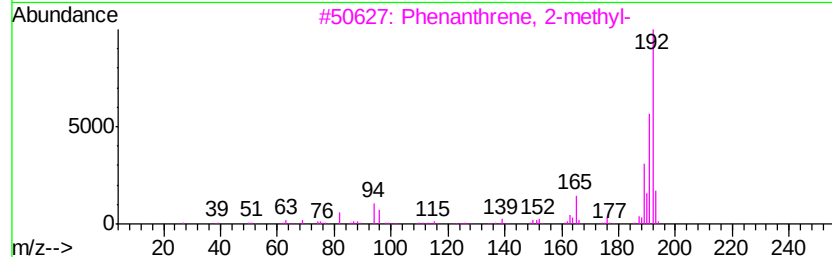
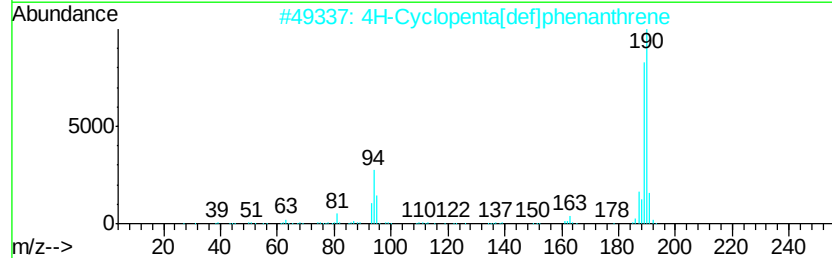
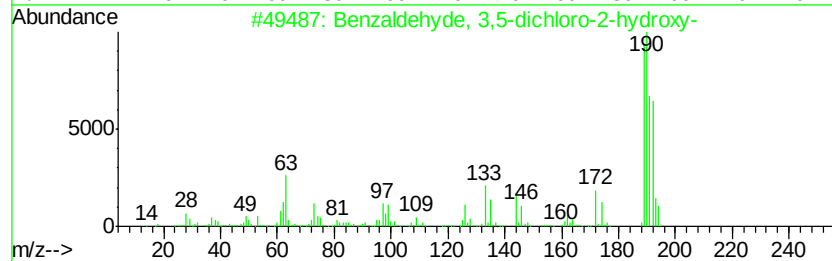
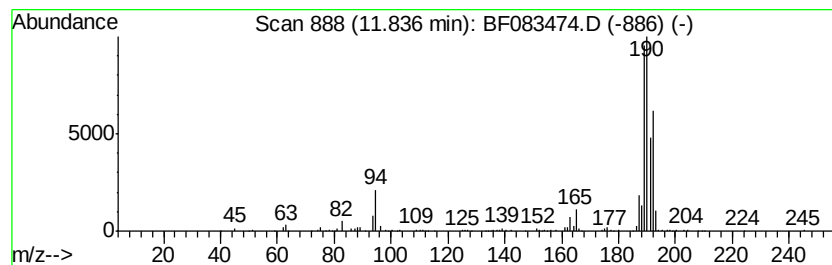
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	7.36 ng	492942	Phenanthrene-d10	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083474.D
Acq On : 3 Dec 2015 22:21
Operator : UM/IZ
Sample : G4608-03
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CWC-MISC-5-20151130

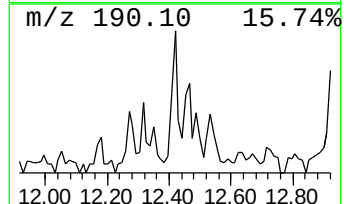
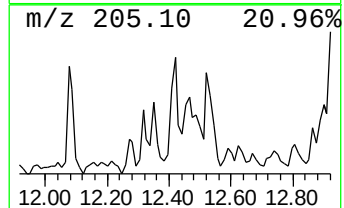
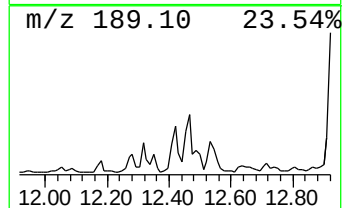
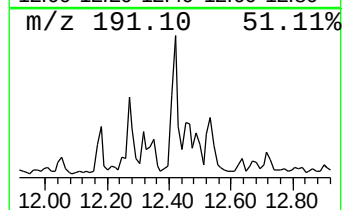
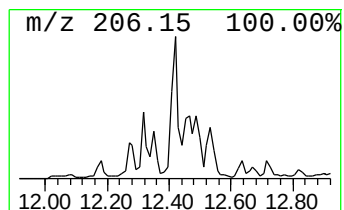
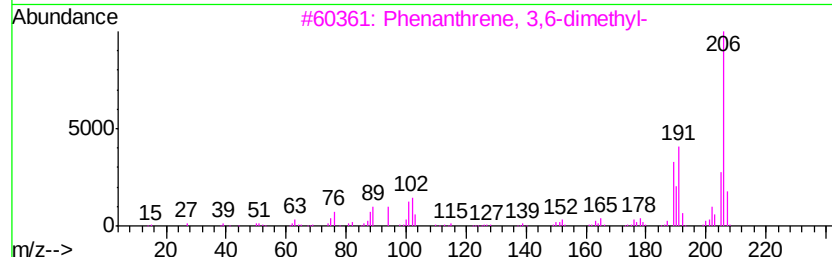
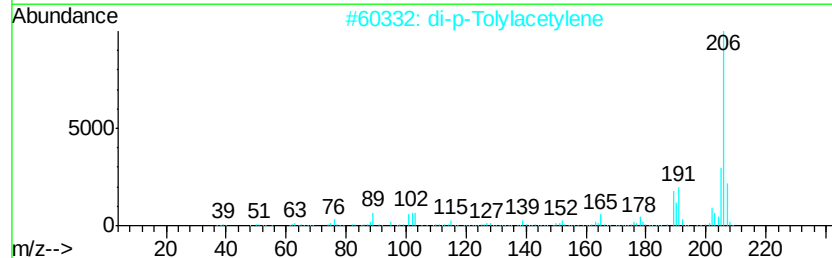
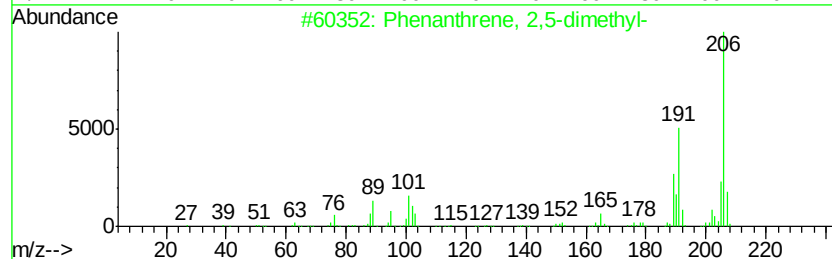
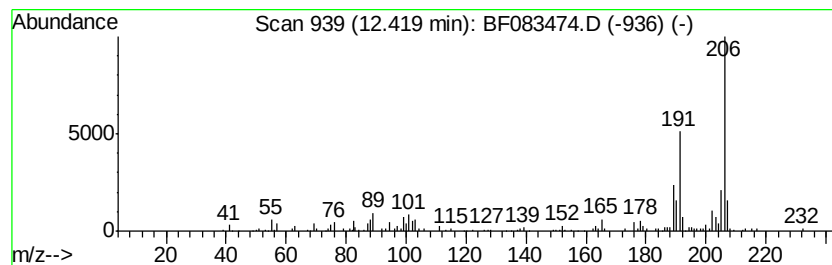
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	3.41 ng	228563	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083474.D
Acq On : 3 Dec 2015 22:21
Operator : UM/IZ
Sample : G4608-03
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ClientSampleId :
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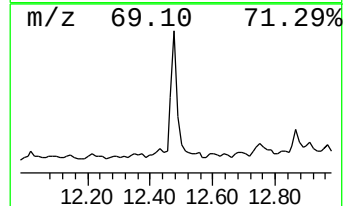
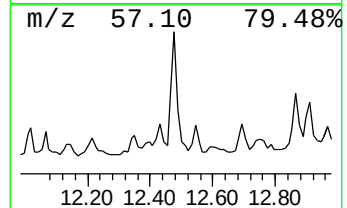
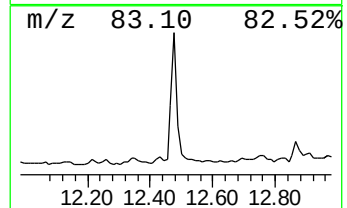
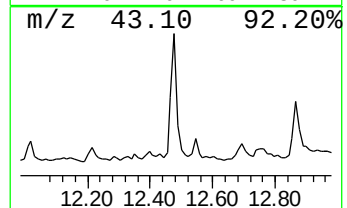
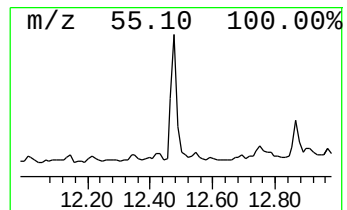
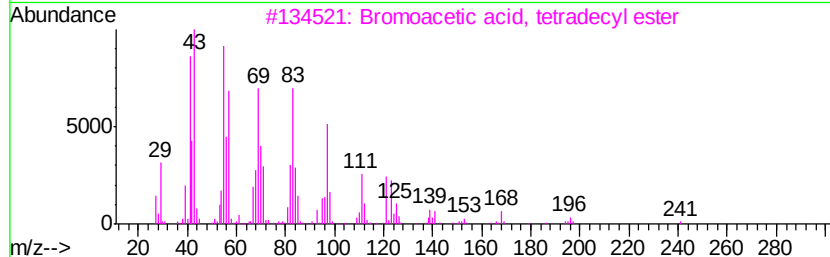
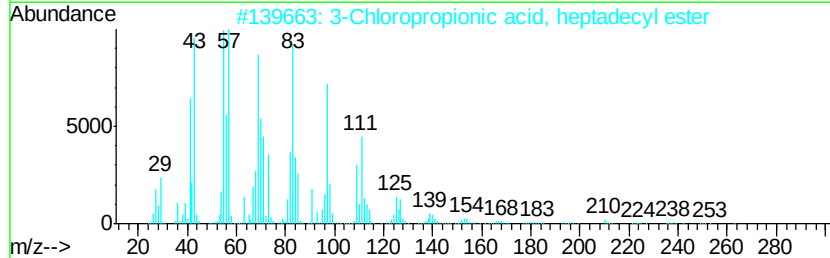
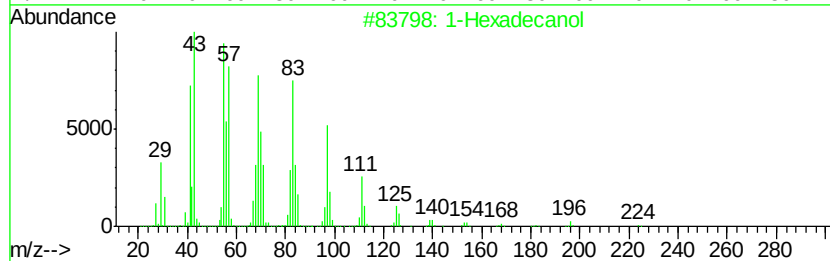
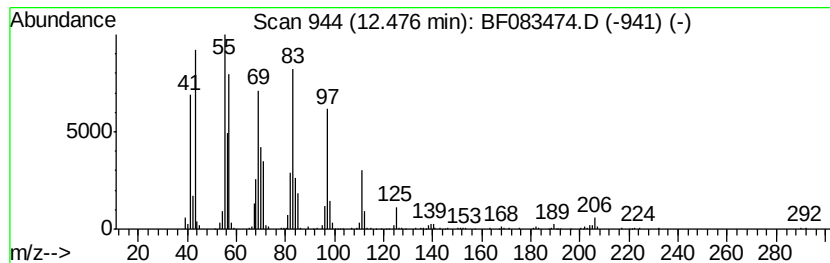
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Hexadecanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	11.01 ng	737245	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanol	242	C16H34O	036653-82-4	94
2		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	94
3		Bromoacetic acid, tetradecyl ester	334	C16H31BrO2	018992-01-3	91
4		Cyclohexadecane	224	C16H32	000295-65-8	91
5		1-Octadecanol	270	C18H38O	000112-92-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083474.D
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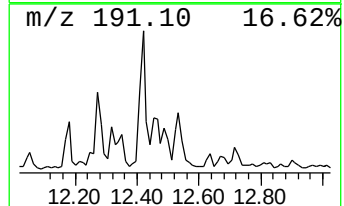
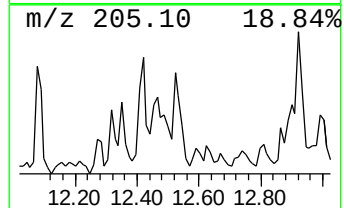
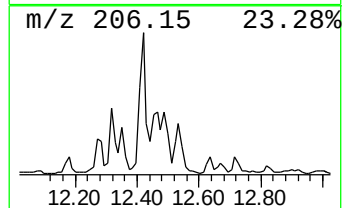
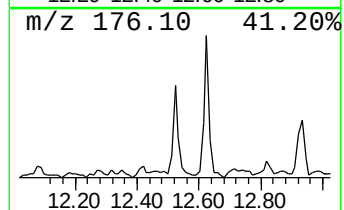
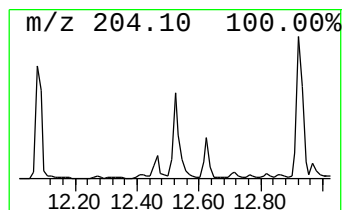
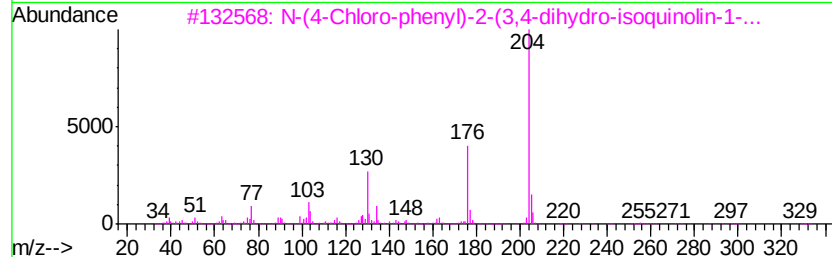
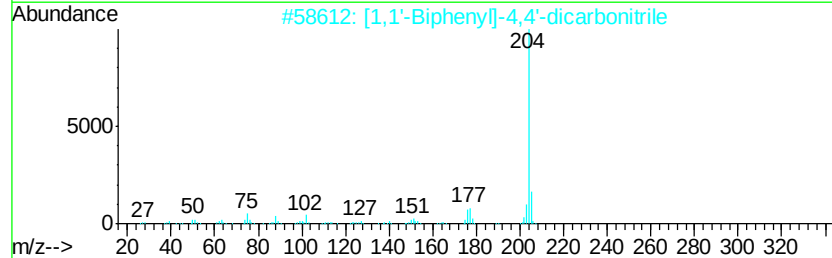
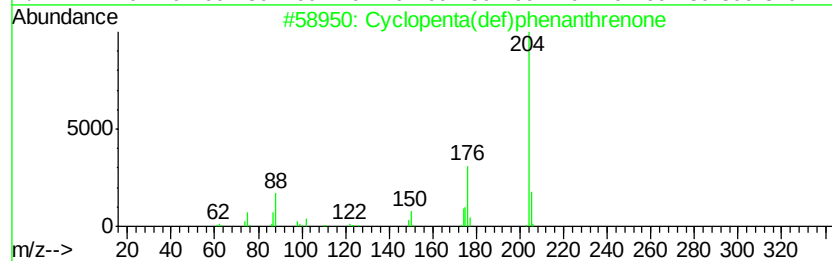
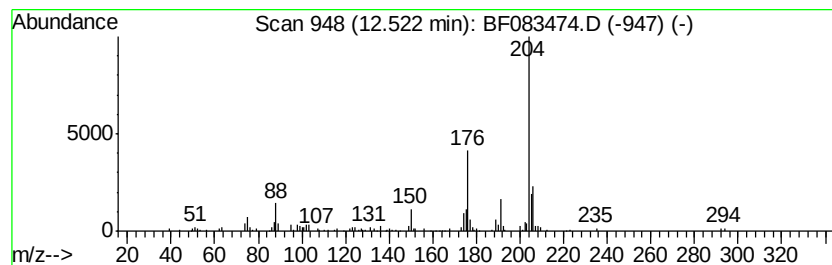
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.40 ng	227386	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	50
4		Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083474.D
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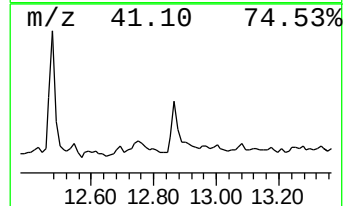
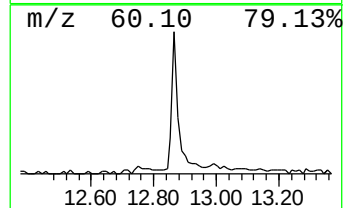
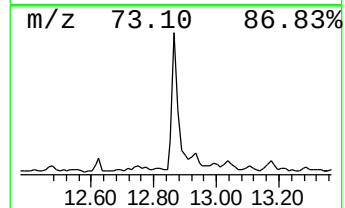
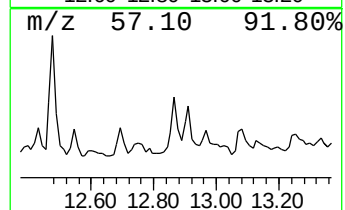
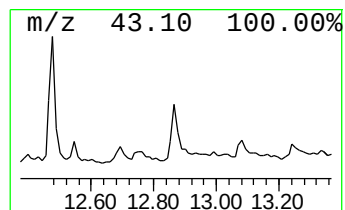
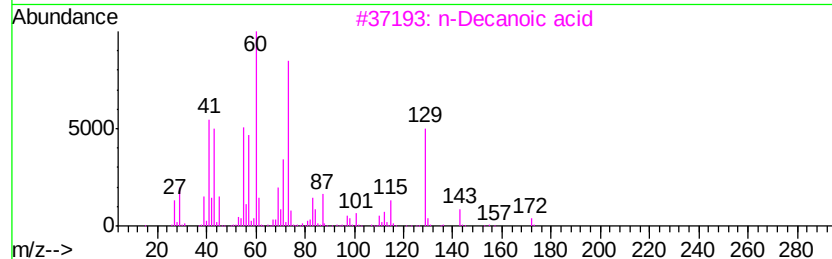
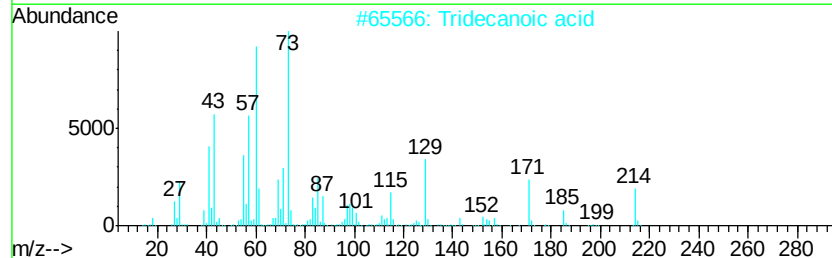
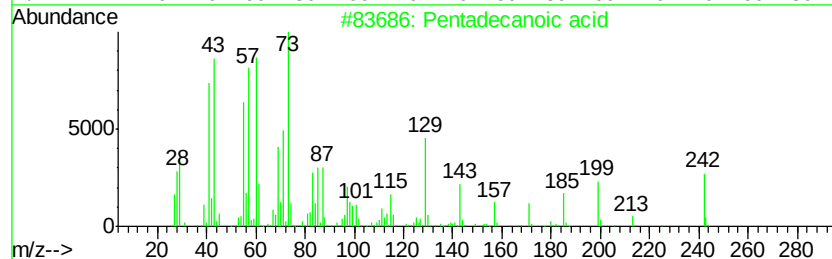
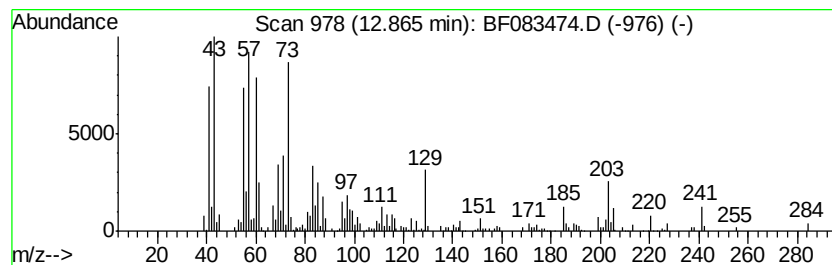
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.47 ng	299428	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2		Tridecanoic acid	214	C13H26O2	000638-53-9	58
3		n-Decanoic acid	172	C10H20O2	000334-48-5	46
4		Amvl Nitrite	117	C5H11NO2	000110-46-3	38
5		N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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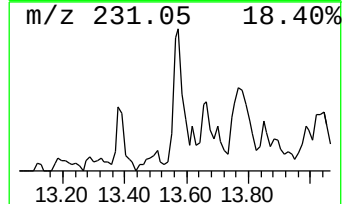
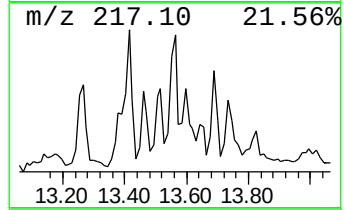
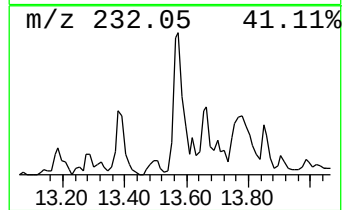
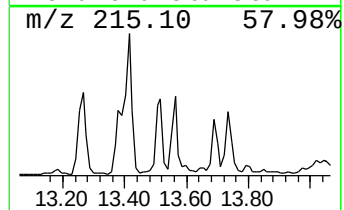
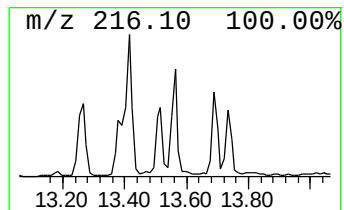
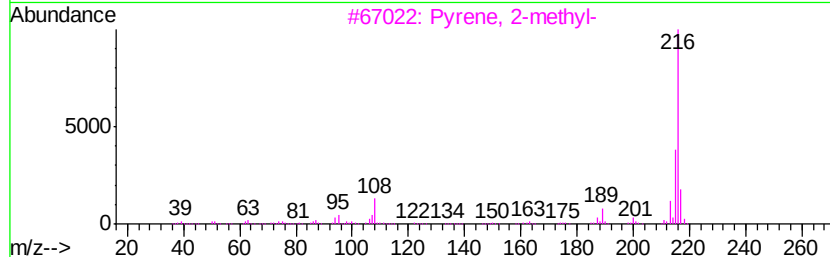
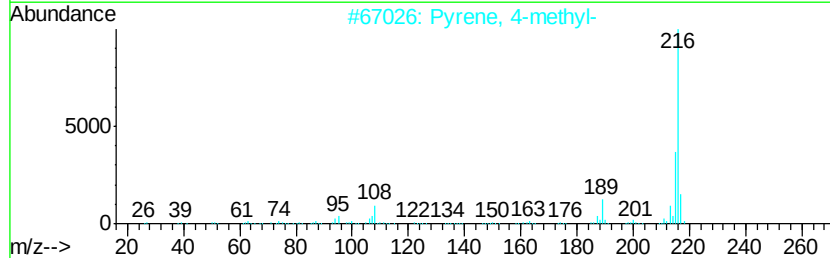
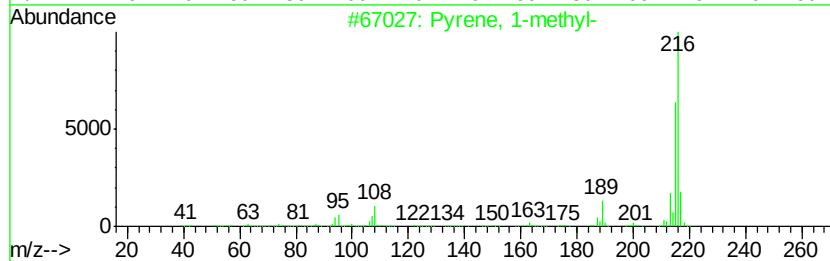
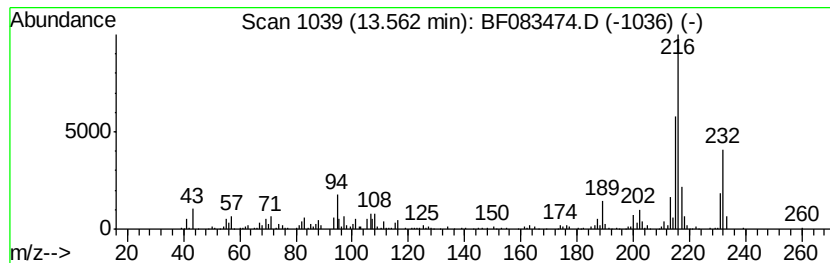
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	4.06 ng	465949	Chrysene-d12	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2		Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083474.D
Acq On : 3 Dec 2015 22:21
Operator : UM/IZ
Sample : G4608-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

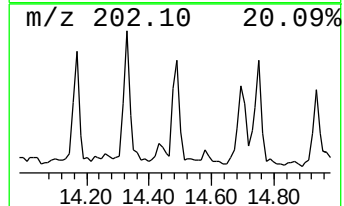
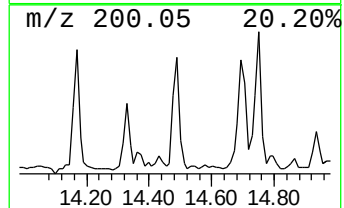
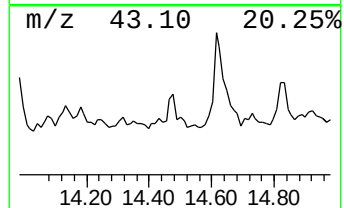
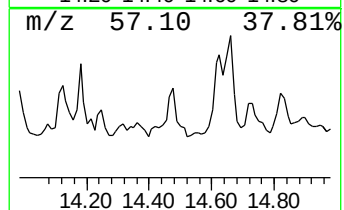
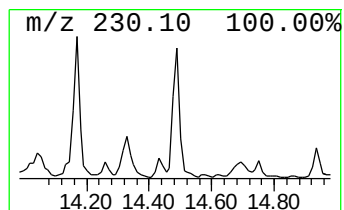
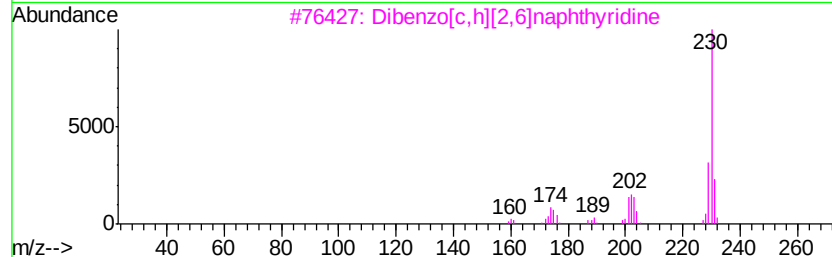
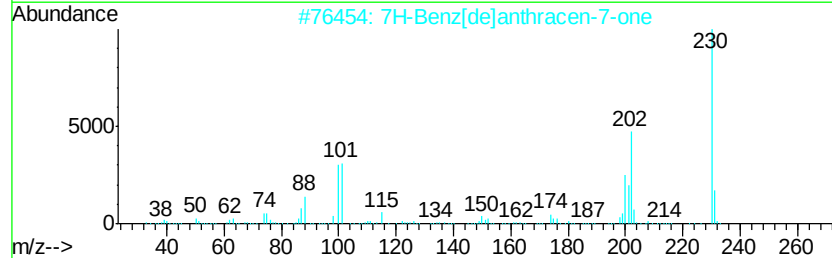
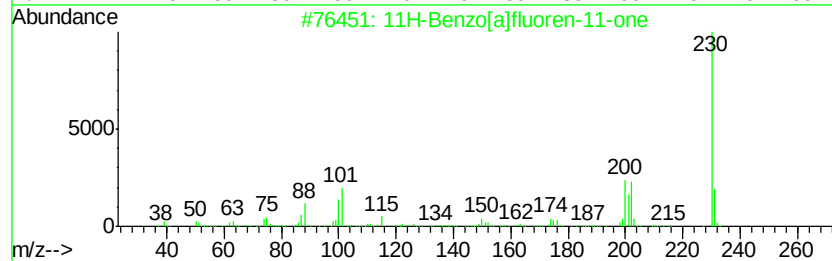
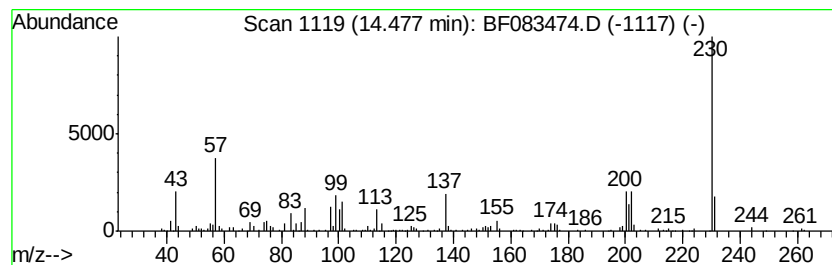
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BNA_F
ClientSampleId :
CWC-MISC-5-20151130

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.48	2.93 ng	335761	Chrysene-d12		14.72		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
3			Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	50
4			o-Terphenyl	230	C18H14	000084-15-1	50
5			p-Terphenyl	230	C18H14	000092-94-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083474.D
Acq On : 3 Dec 2015 22:21
Operator : UM/IZ
Sample : G4608-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

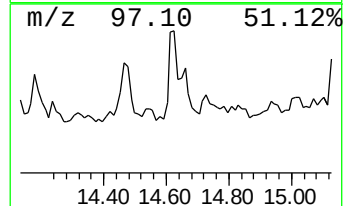
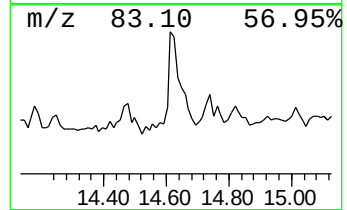
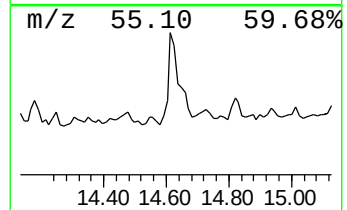
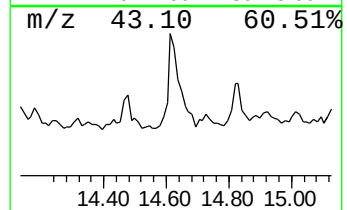
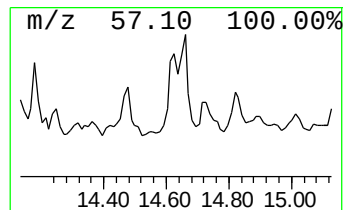
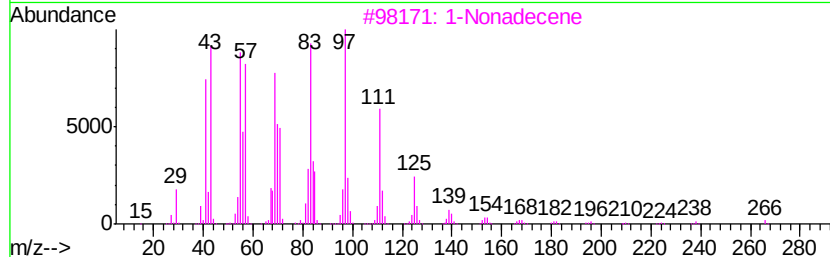
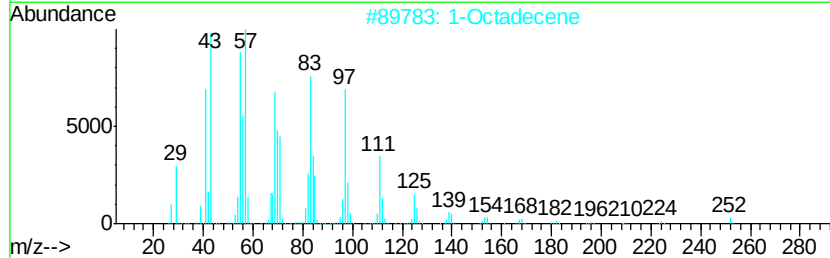
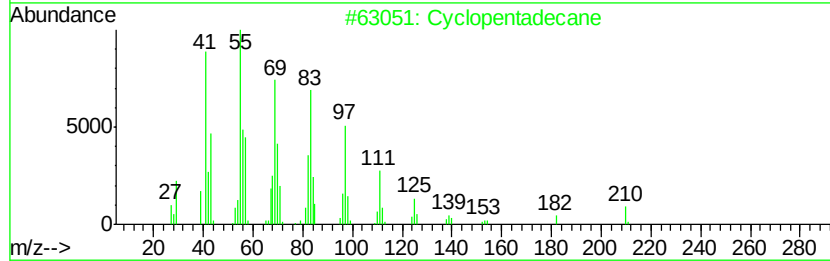
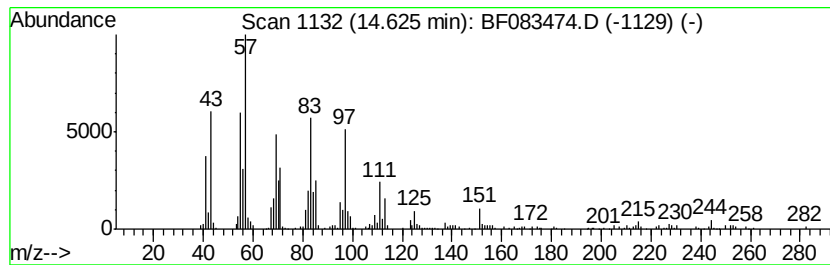
Instrument :
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ClientSampleId :
CWC-MISC-5-20151130

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.63	3.08 ng	353516	Chrysene-d12	14.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	83
2	1-Octadecene	252	C18H36	000112-88-9	76
3	1-Nonadecene	266	C19H38	018435-45-5	74
4	8-Heptadecene	238	C17H34	054290-12-9	55
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083474.D
Acq On : 3 Dec 2015 22:21
Operator : UM/IZ
Sample : G4608-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-5-20151130

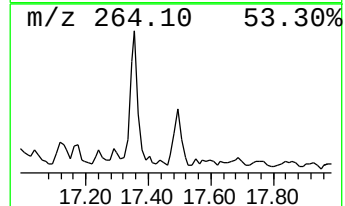
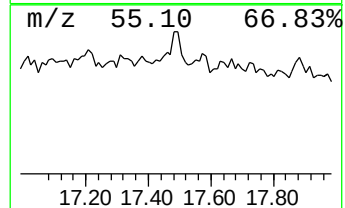
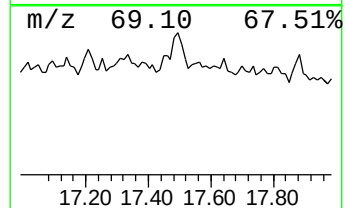
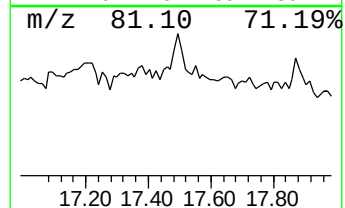
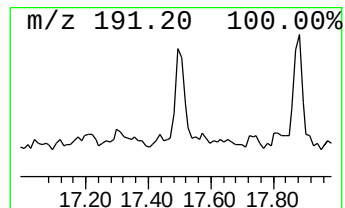
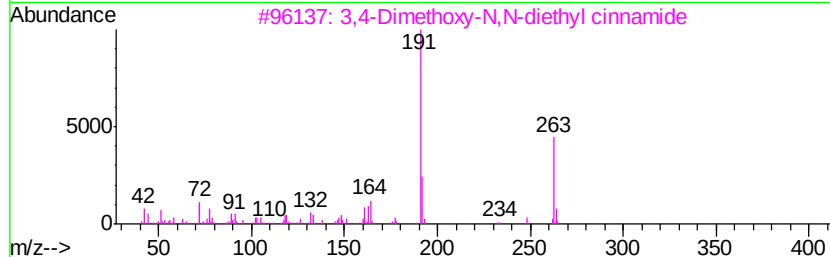
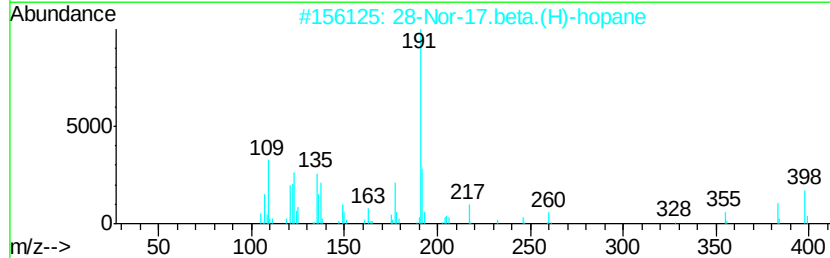
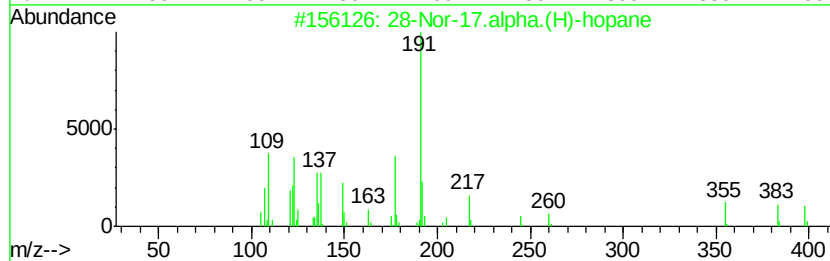
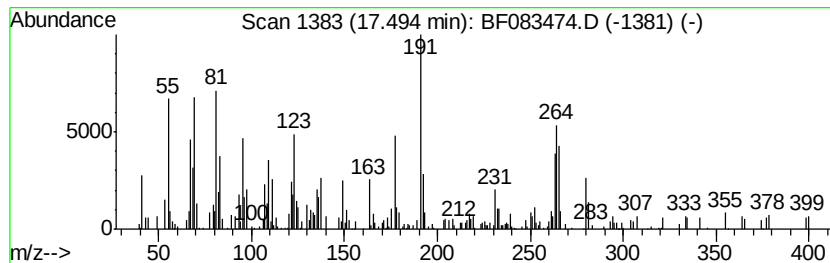
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.49 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	5.24 ng	210817	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	46
2		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	42
3		3,4-Dimethoxy-N,N-diethyl cinnamide	263	C15H21NO3	185410-48-4	27
4		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	18
5		Anthracene, 9-[2,2-bis(hydroxyme...	280	C19H20O2	144000-85-1	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083474.D
Acq On : 3 Dec 2015 22:21
Operator : UM/IZ
Sample : G4608-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CWC-MISC-5-20151130

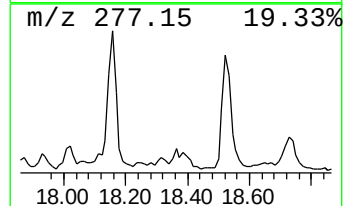
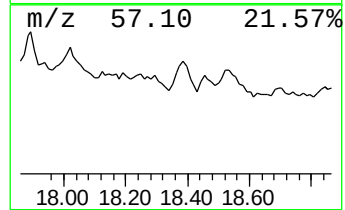
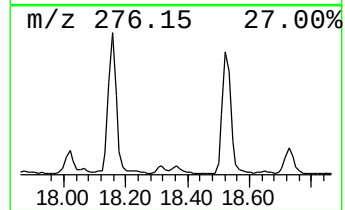
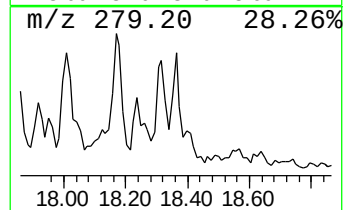
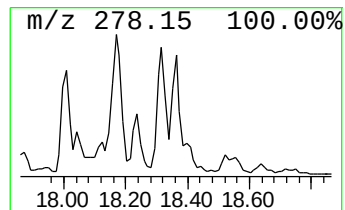
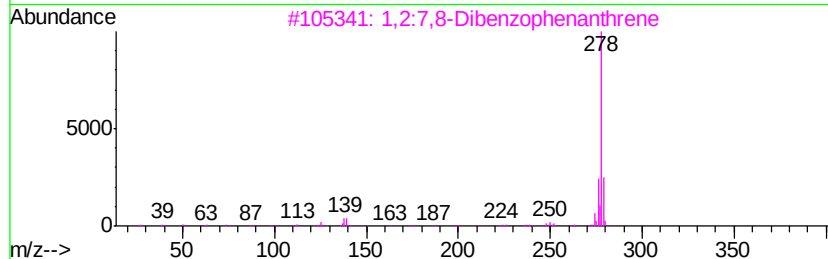
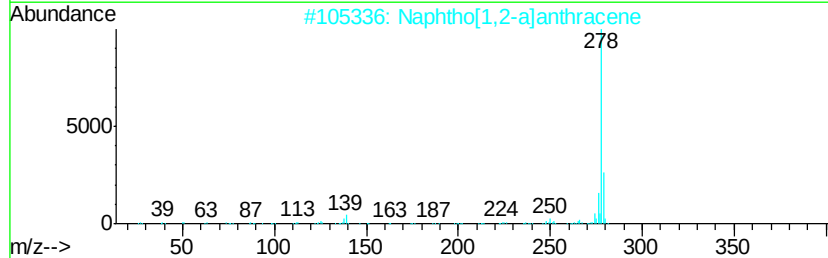
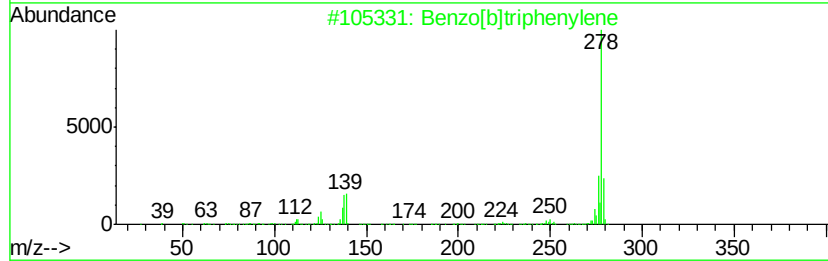
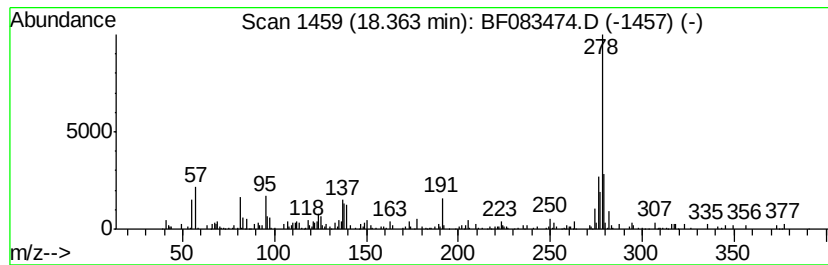
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.73 ng	150007	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	78
2		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	78
3		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	78
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083474.D
 Acq On : 3 Dec 2015 22:21
 Operator : UM/IZ
 Sample : G4608-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.64	18.7	ng	1047310	1	6.52	1118080	20.0
Eicosane	10.49	3.7	ng	247988	4	11.09	1339280	20.0
Phenanthrene, 2-m...	11.70	4.1	ng	276701	4	11.09	1339280	20.0
Anthracene, 2-met...	11.79	11.2	ng	752755	4	11.09	1339280	20.0
Benzaldehyde, 3,5...	11.84	7.4	ng	492942	4	11.09	1339280	20.0
Phenanthrene, 2,5...	12.42	3.4	ng	228563	4	11.09	1339280	20.0
1-Hexadecanol	12.48	11.0	ng	737245	4	11.09	1339280	20.0
Cyclopenta(def)ph...	12.52	3.4	ng	227386	4	11.09	1339280	20.0
Pentadecanoic acid	12.87	4.5	ng	299428	4	11.09	1339280	20.0
Pyrene, 1-methyl-	13.56	4.1	ng	465949	5	14.72	2294520	20.0
11H-Benzo[a]fluor...	14.48	2.9	ng	335761	5	14.72	2294520	20.0
Cyclopentadecane	14.63	3.1	ng	353516	5	14.72	2294520	20.0
unknown17.49	17.49	5.2	ng	210817	6	16.77	804666	20.0
Benzo[b]triphenylene	18.36	3.7	ng	150007	6	16.77	804666	20.0