

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083037.D
 Acq On : 19 Nov 2015 5:14
 Operator : UM/IZ
 Sample : G4436-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1579

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-BF110715.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	4.899	242	246	255	rVB	1364343	2105407	48.21%	4.940%
2	5.344	282	285	287	rBV	3660871	3823577	87.55%	8.971%
3	6.396	373	377	379	rBV	2906335	4367410	100.00%	10.247%
4	6.510	384	387	389	rBV	3822837	4068306	93.15%	9.546%
5	6.727	404	406	408	rBV	652880	727084	16.65%	1.706%
6	6.887	418	420	423	rVB	2603569	2629542	60.21%	6.170%
7	7.299	453	456	458	rBV	2326923	2205879	50.51%	5.176%
8	8.019	517	519	523	rBV	1176800	1033952	23.67%	2.426%
9	8.739	579	582	583	rVB	40383	53651	1.23%	0.126%
10	9.105	611	614	616	rBV	3451064	3655647	83.70%	8.577%
11	9.493	646	648	651	rVV	920949	772065	17.68%	1.812%
12	9.630	658	660	662	rVB	144657	116549	2.67%	0.273%
13	9.768	670	672	674	rBV2	933187	1010421	23.14%	2.371%
14	9.973	688	690	692	rVB	71756	58564	1.34%	0.137%
15	10.225	710	712	713	rVB	63021	72143	1.65%	0.169%
16	10.316	718	720	724	rVB	82011	83165	1.90%	0.195%
17	10.476	732	734	737	rVB2	45615	53503	1.23%	0.126%
18	10.556	739	741	744	rVV	1850444	1896997	43.44%	4.451%
19	10.693	750	753	758	rVB2	113610	189825	4.35%	0.445%
20	11.013	777	781	783	rBV4	38634	77996	1.79%	0.183%
21	11.059	783	785	787	rVB	47711	58547	1.34%	0.137%
22	11.139	790	792	794	rVB3	122973	104301	2.39%	0.245%
23	11.253	799	802	806	rBV2	956079	1579351	36.16%	3.706%
24	11.322	806	808	810	rVB	208603	174482	4.00%	0.409%
25	11.482	820	822	823	rBV	68229	66558	1.52%	0.156%
26	11.562	827	829	832	rVB2	64578	97768	2.24%	0.229%
27	11.756	843	846	847	rBV	74996	95772	2.19%	0.225%
28	11.779	847	848	850	rVV	157081	117554	2.69%	0.276%
29	11.825	850	852	853	rVV	69598	53906	1.23%	0.126%
30	11.859	853	855	860	rVB	162367	227938	5.22%	0.535%
31	11.974	860	865	867	rBV3	45490	90649	2.08%	0.213%
32	12.065	869	873	877	rVB2	93243	206683	4.73%	0.485%
33	12.202	881	885	886	rBV2	31852	52041	1.19%	0.122%
34	12.305	891	894	895	rBV	85107	113227	2.59%	0.266%

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35	12.385	900	901	903	rVB	71060	62244	1.43%	0.146%
36	12.465	905	908	910	rVB	826844	1036693	23.74%	2.432%
37	12.511	910	912	914	rBV3	31121	52402	1.20%	0.123%
38	12.556	914	916	917	rVB	50629	56961	1.30%	0.134%
39	12.602	917	920	924	rBV3	37792	123290	2.82%	0.289%
40	12.682	924	927	930	rBV2	815595	960697	22.00%	2.254%
41	12.728	930	931	935	rVB3	54123	109268	2.50%	0.256%
42	12.808	935	938	939	rBV	73605	103539	2.37%	0.243%
43	12.842	939	941	943	rVB	2148015	2336202	53.49%	5.482%
44	12.911	943	947	948	rBV2	78113	95847	2.19%	0.225%
45	13.014	950	956	958	rVB2	110319	207976	4.76%	0.488%
46	13.082	960	962	963	rBV	87838	73476	1.68%	0.172%
47	13.117	963	965	967	rVV	126594	123302	2.82%	0.289%
48	13.208	971	973	975	rVV	90309	82357	1.89%	0.193%
49	13.391	986	989	990	rBV2	35463	72864	1.67%	0.171%
50	13.425	990	992	995	rVV2	53441	89174	2.04%	0.209%
51	13.517	998	1000	1003	rVB	128141	150011	3.43%	0.352%
52	13.631	1007	1010	1011	rBV2	103948	145343	3.33%	0.341%
53	13.677	1011	1014	1017	rVV3	64307	204972	4.69%	0.481%
54	13.722	1017	1018	1020	rVV	96407	116988	2.68%	0.274%
55	13.757	1020	1021	1024	rVB2	76765	87386	2.00%	0.205%
56	13.882	1029	1032	1038	rVB2	982146	1671151	38.26%	3.921%
57	13.985	1039	1041	1042	rBV2	38289	57296	1.31%	0.134%
58	14.271	1061	1066	1067	rBV	114385	178537	4.09%	0.419%
59	14.305	1067	1069	1071	rVB	65834	70625	1.62%	0.166%
60	14.888	1117	1120	1124	rBV	395459	750802	17.19%	1.762%
61	14.980	1127	1128	1130	rVB	103683	105649	2.42%	0.248%
62	15.162	1141	1144	1147	rVB	186202	253126	5.80%	0.594%
63	15.220	1147	1149	1151	rVB	216718	279930	6.41%	0.657%
64	15.277	1151	1154	1155	rBV	453107	562718	12.88%	1.320%
65	16.591	1266	1269	1271	rBV2	90889	174256	3.99%	0.409%
66	16.980	1300	1303	1309	rVB	86582	184013	4.21%	0.432%

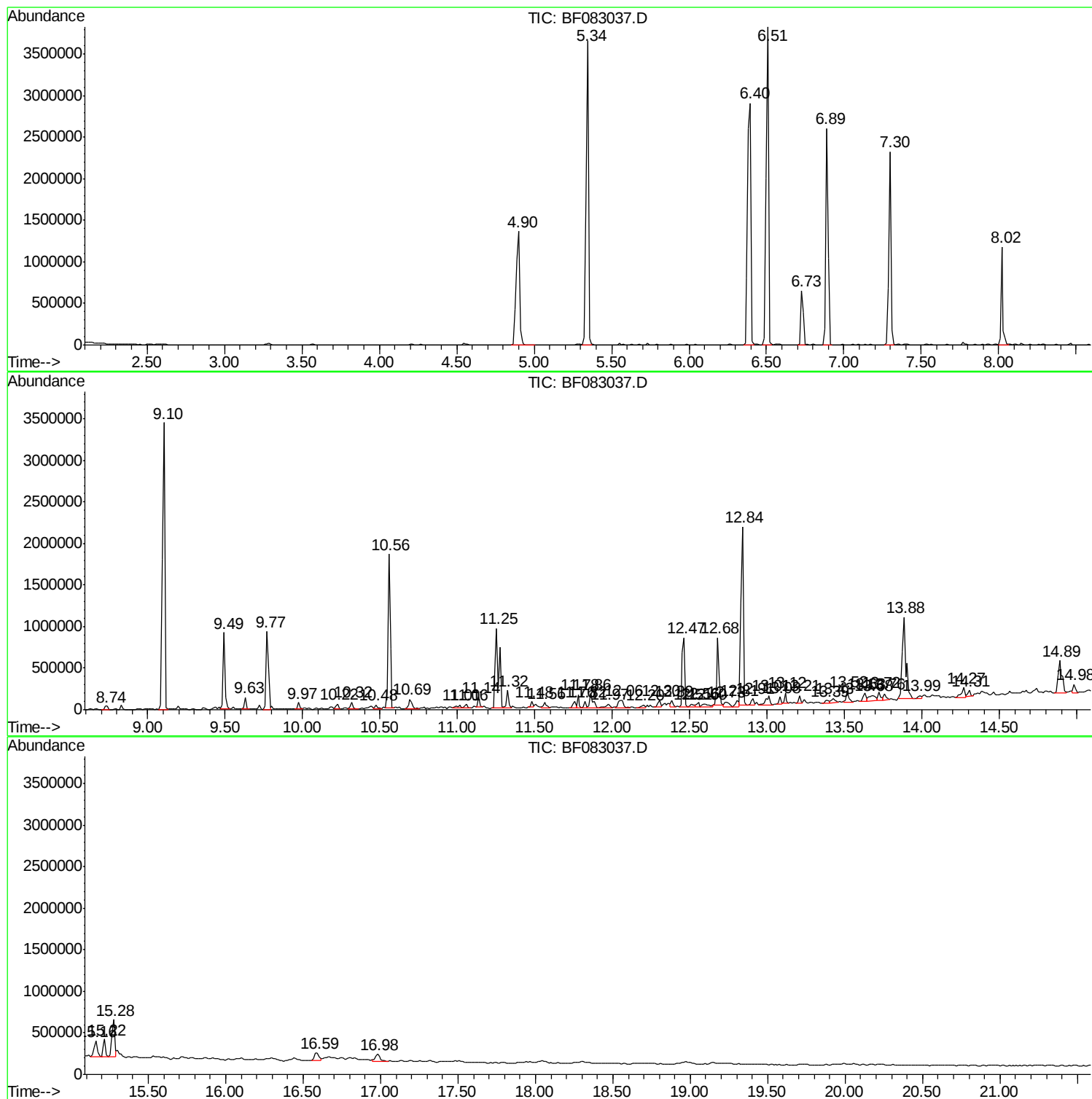
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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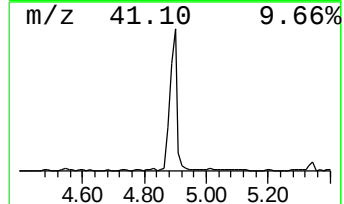
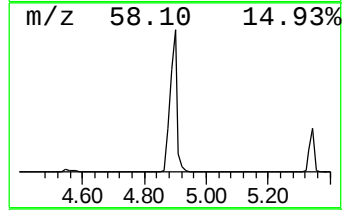
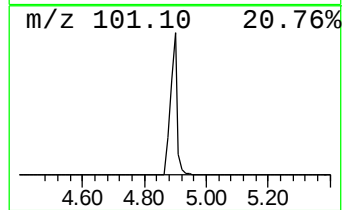
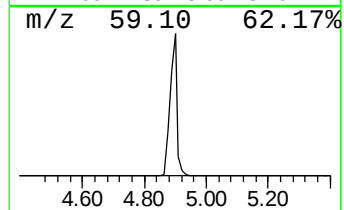
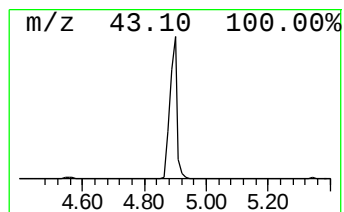
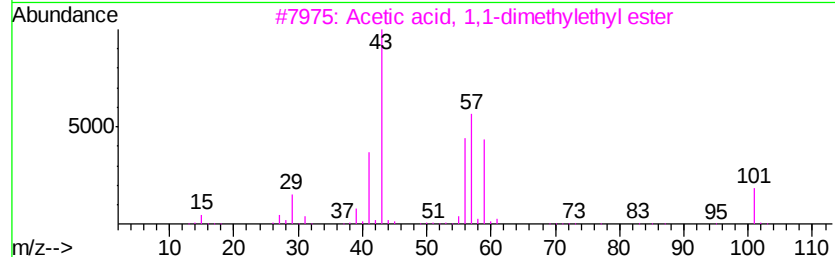
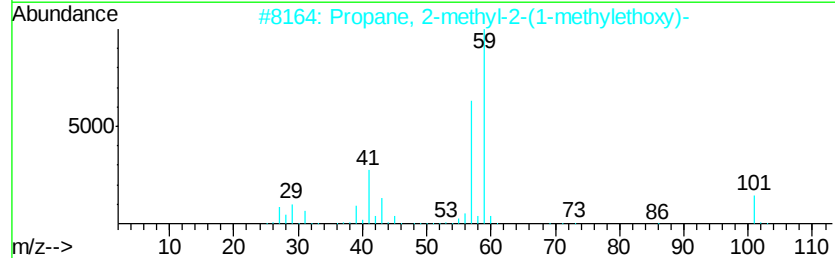
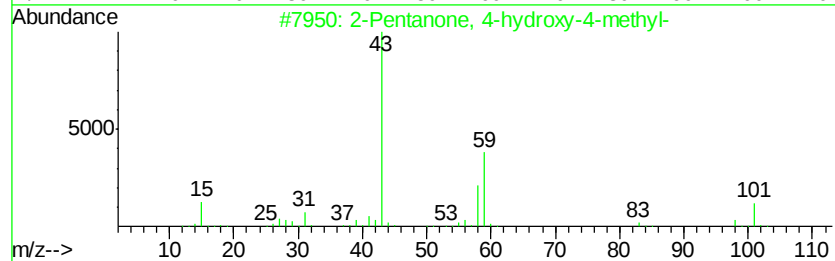
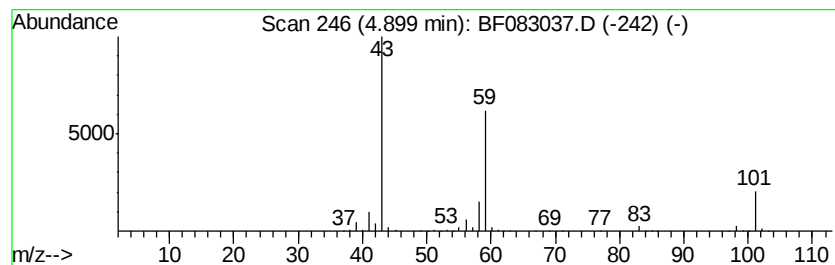
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.90	57.91 ng	2105410	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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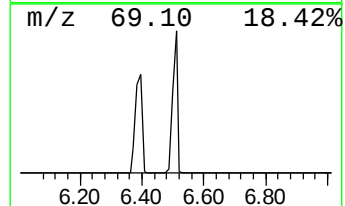
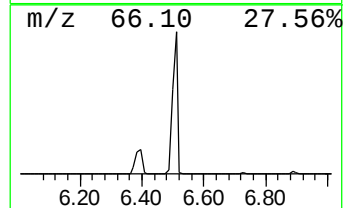
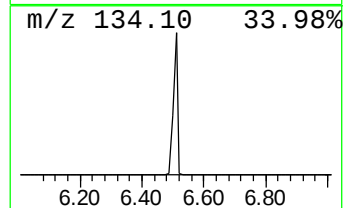
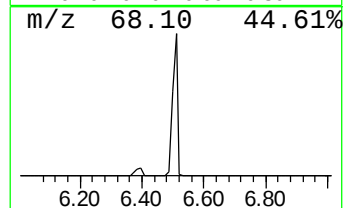
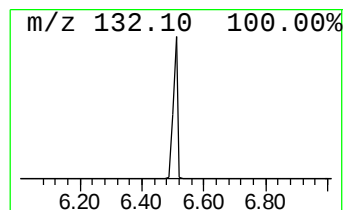
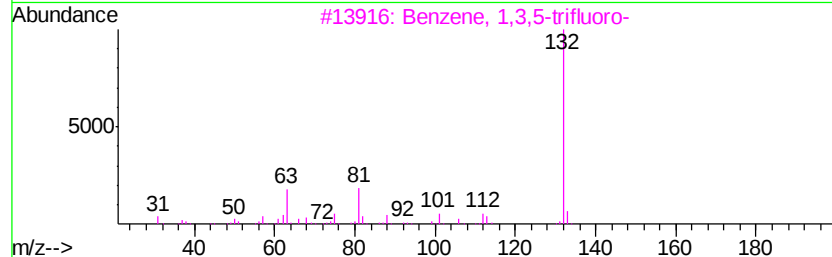
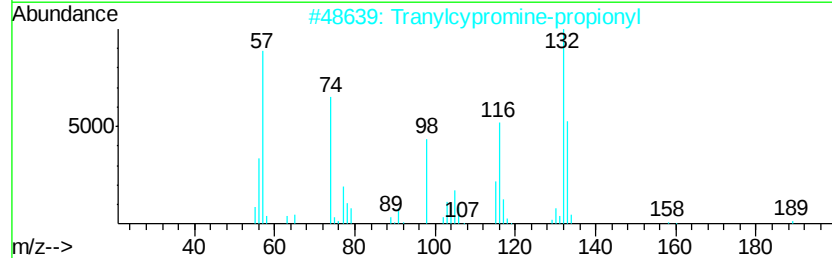
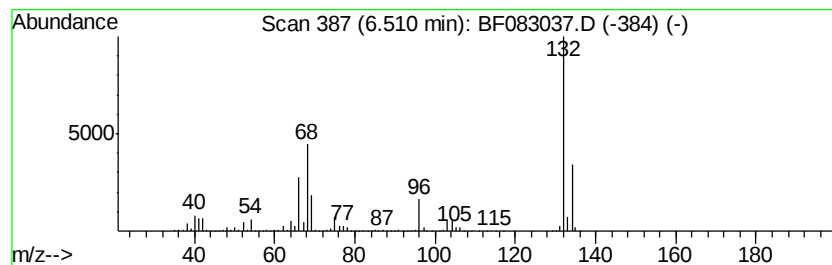
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	111.91 ng	4068310	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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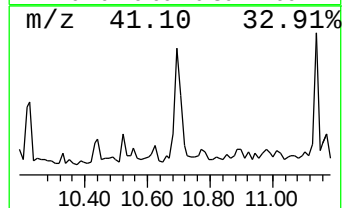
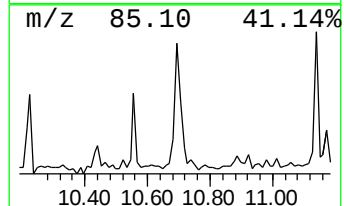
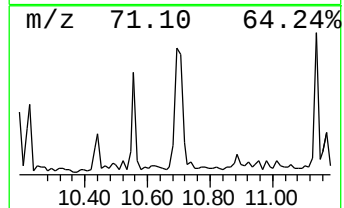
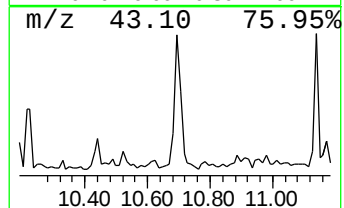
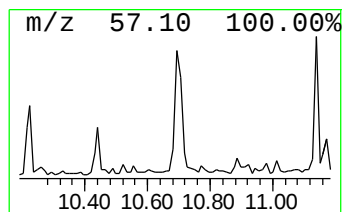
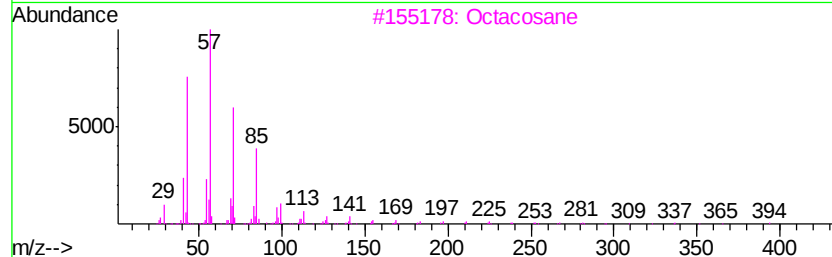
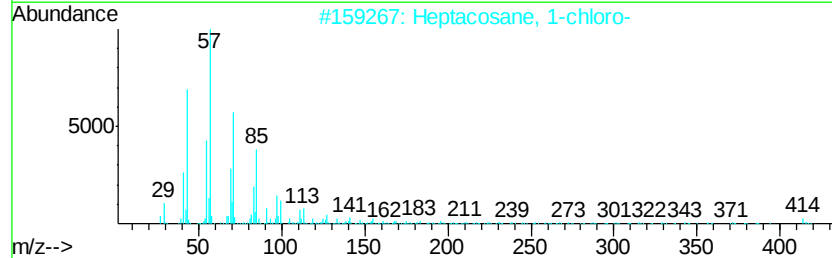
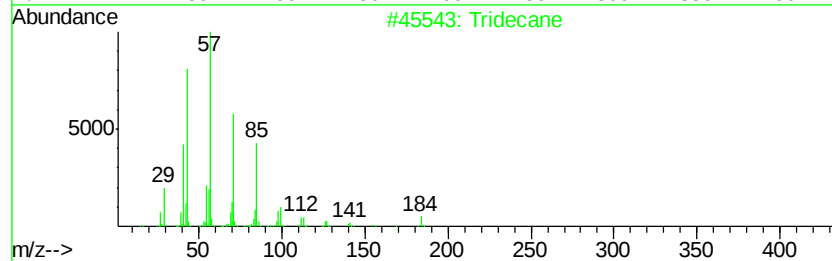
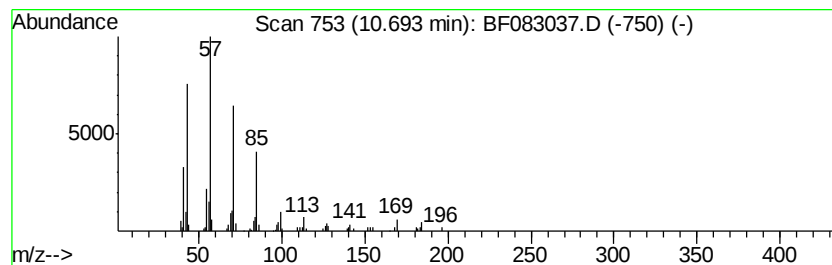
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.40 ng	189825	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Eicosane	282	C20H42	000112-95-8	87
5		Tetracosane	338	C24H50	000646-31-1	87



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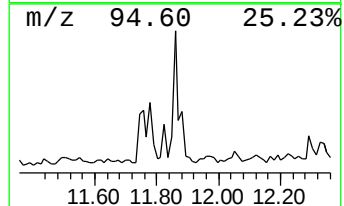
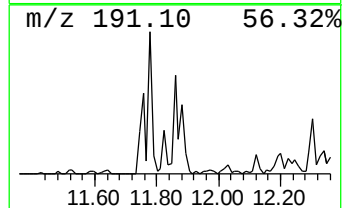
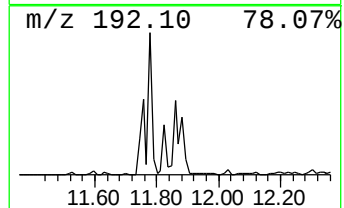
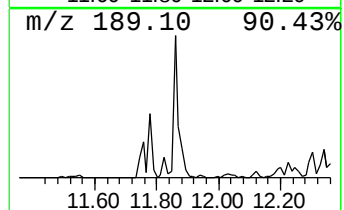
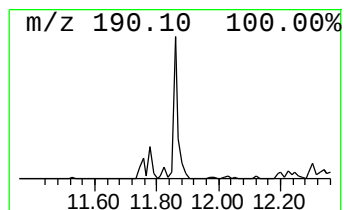
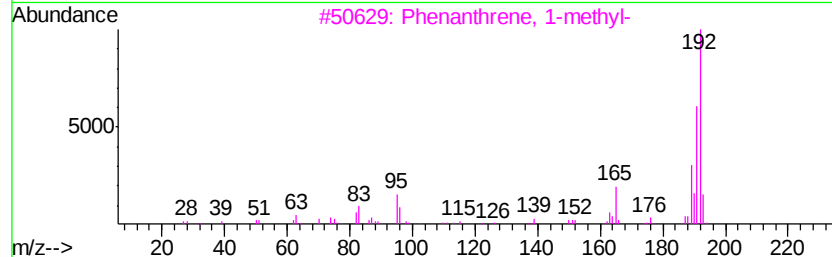
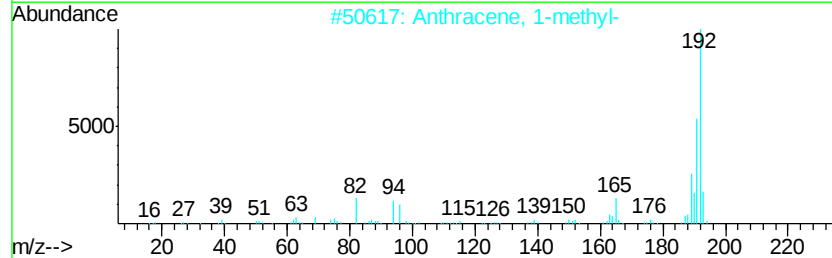
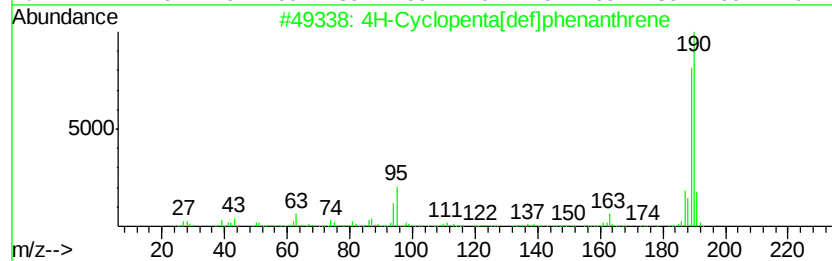
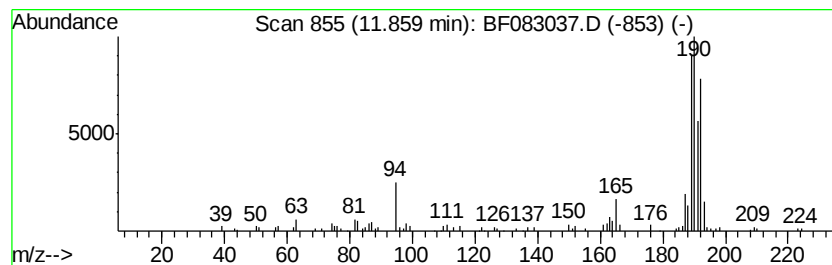
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	2.89 ng	227938	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	41
5	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	38



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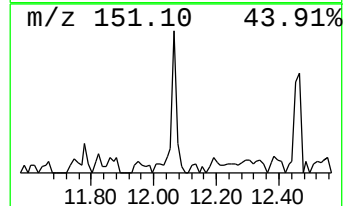
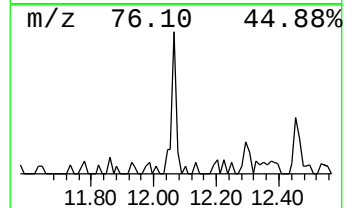
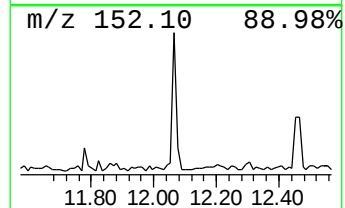
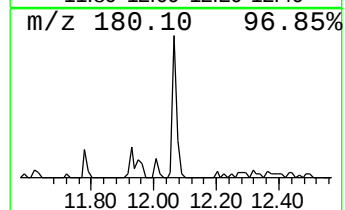
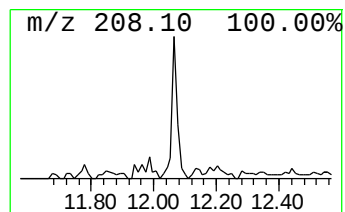
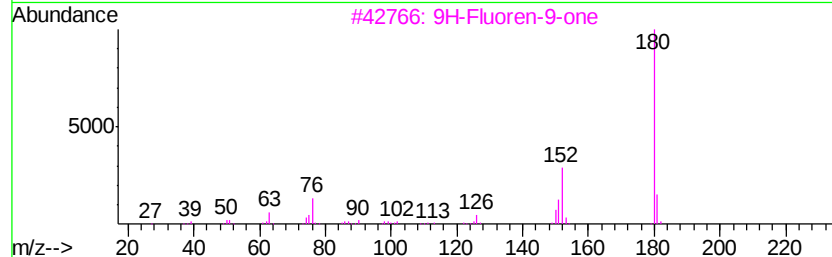
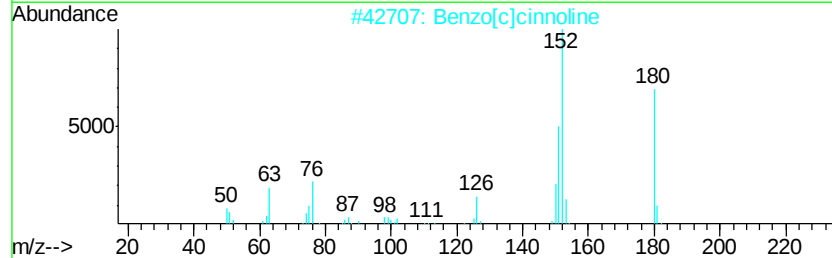
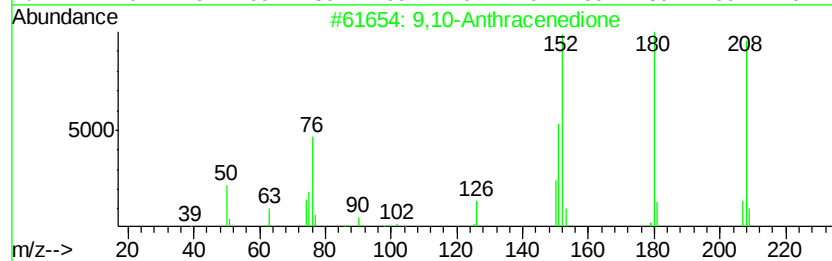
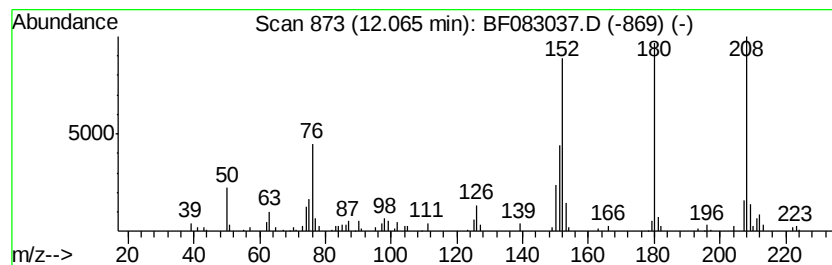
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.62 ng	206683	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one		180	C13H8O	000486-25-9	58
4	1H-Phenalen-1-one		180	C13H8O	000548-39-0	53
5	9,10-Phenanthrenedione		208	C14H8O2	000084-11-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083037.D
Acq On : 19 Nov 2015 5:14
Operator : UM/IZ
Sample : G4436-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1579

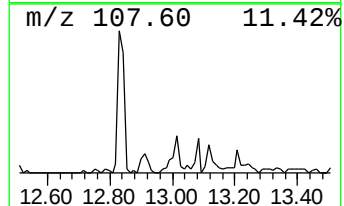
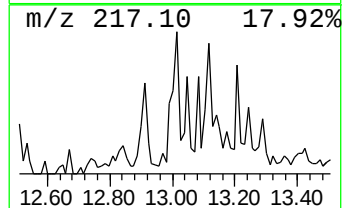
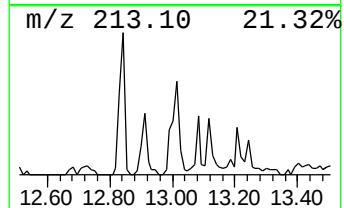
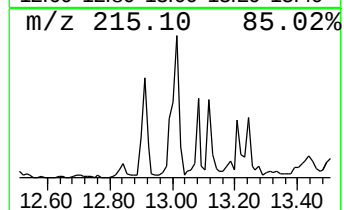
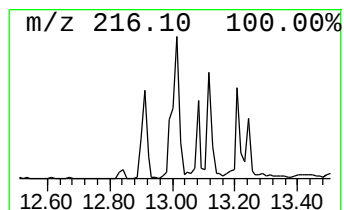
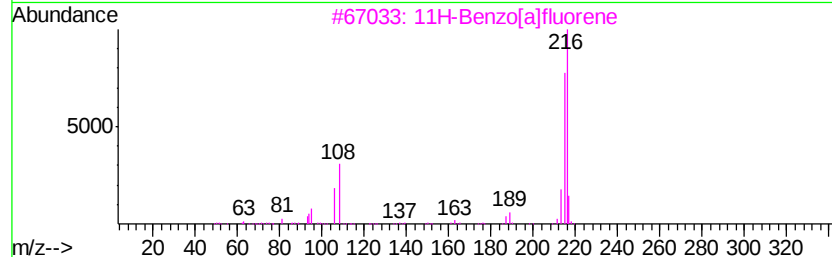
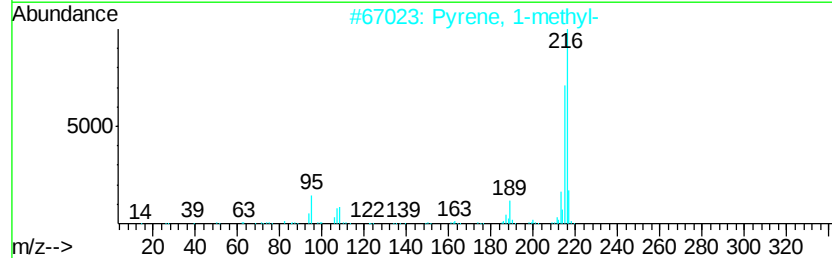
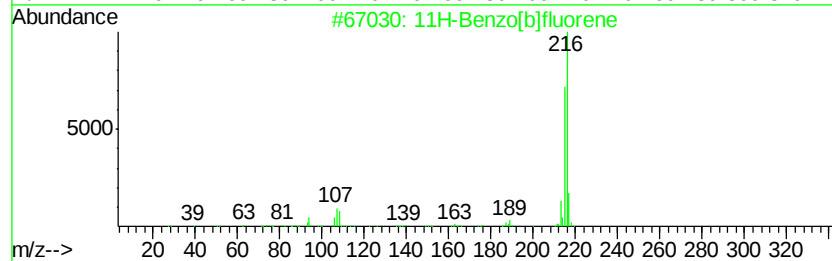
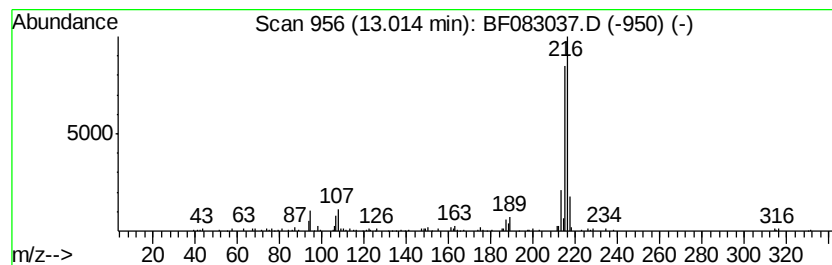
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	2.49 ng	207976	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083037.D
Acq On : 19 Nov 2015 5:14
Operator : UM/IZ
Sample : G4436-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1579

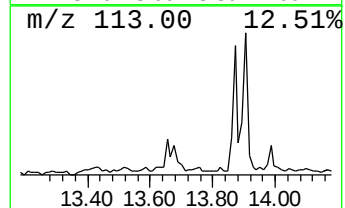
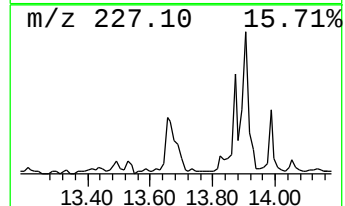
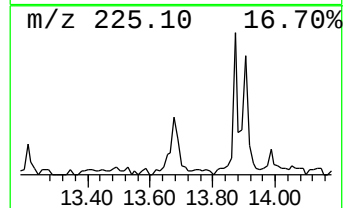
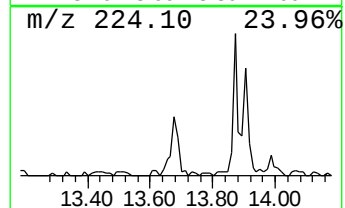
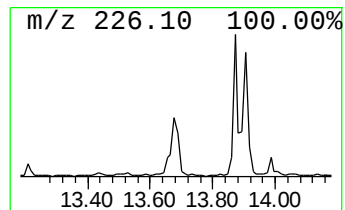
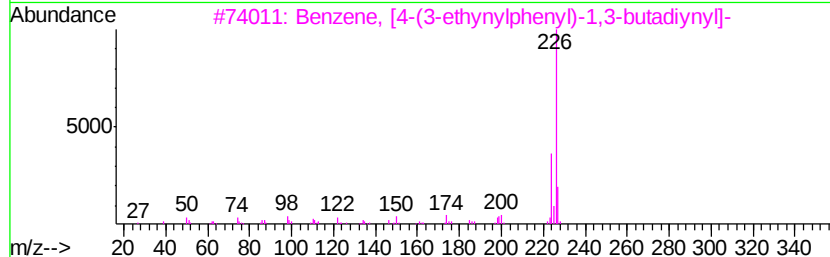
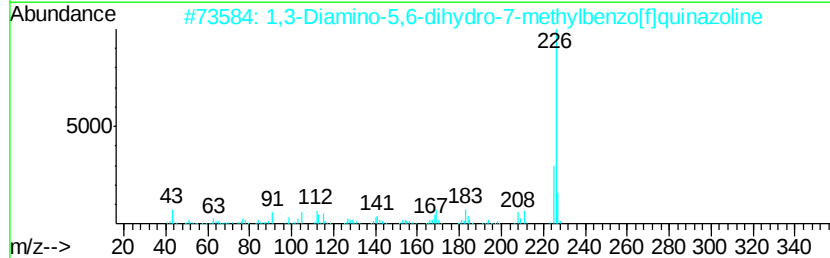
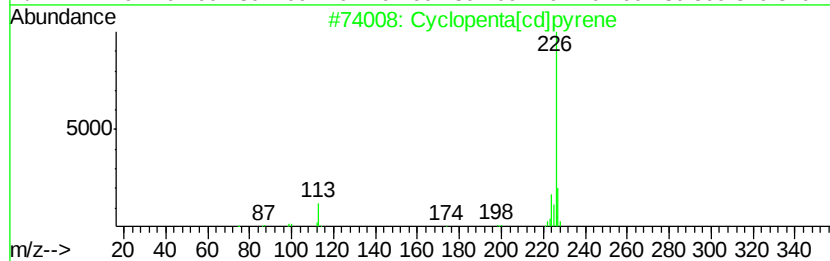
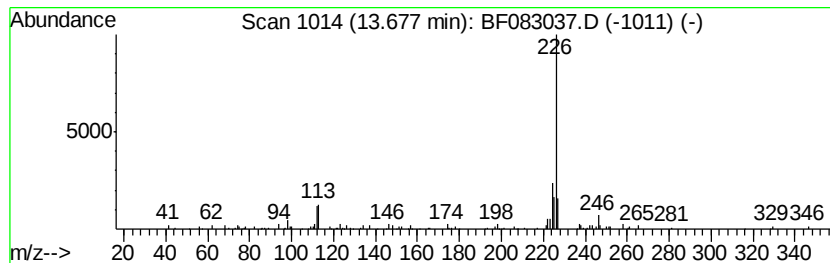
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopenta[cd]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.45 ng	204972	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
3		Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	47
4		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	40
5		N-(2-Methyl-5-oxo-5H-chromeno[3,...	282	C16H14N2O3	1000295-08-0	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083037.D
Acq On : 19 Nov 2015 5:14
Operator : UM/IZ
Sample : G4436-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

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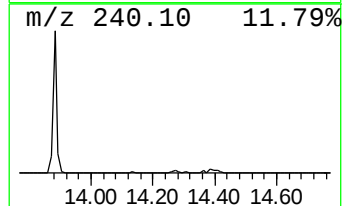
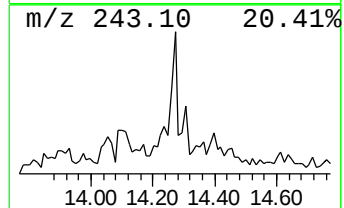
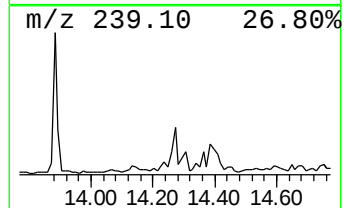
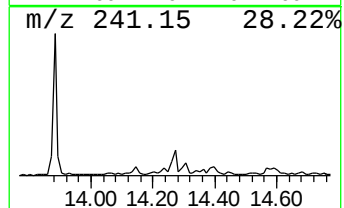
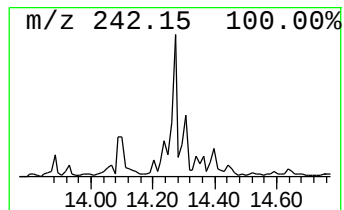
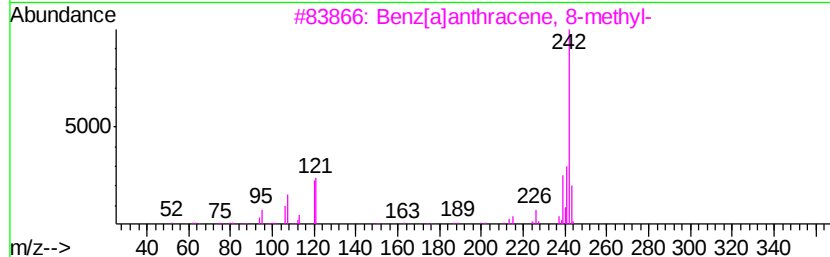
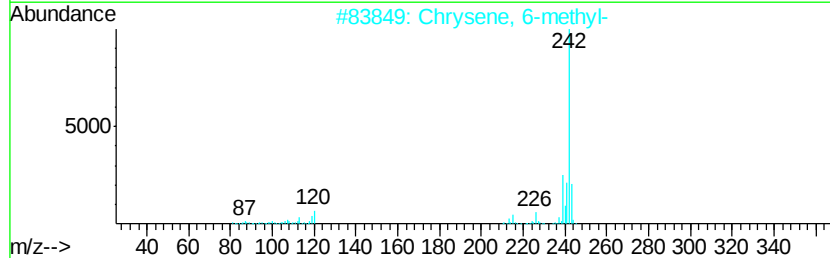
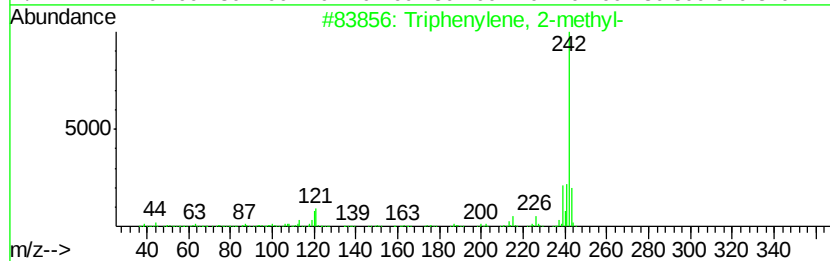
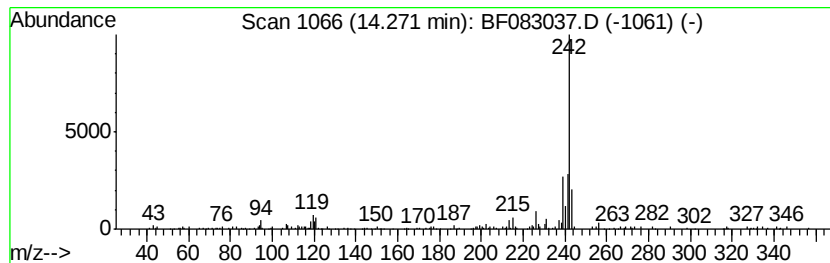
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Triphenylene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.14 ng	178537	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
2		Chrysene, 6-methyl-	242	C19H14	001705-85-7	89
3		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
4		Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	89
5		Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083037.D
Acq On : 19 Nov 2015 5:14
Operator : UM/IZ
Sample : G4436-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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...	4.90	57.9	ng	2105410	1	6.73	727084	20.0
unknown6.51	6.51	111.9	ng	4068310	1	6.73	727084	20.0
Tridecane	10.69	2.4	ng	189825	4	11.25	1579350	20.0
4H-Cyclopenta[def...	11.86	2.9	ng	227938	4	11.25	1579350	20.0
9,10-Anthracenedione	12.07	2.6	ng	206683	4	11.25	1579350	20.0
11H-Benzo[b]fluorene	13.01	2.5	ng	207976	5	13.88	1671150	20.0
Cyclopenta[cd]pyrene	13.68	2.5	ng	204972	5	13.88	1671150	20.0
Triphenylene, 2-m...	14.27	2.1	ng	178537	5	13.88	1671150	20.0