

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086398.D
 Acq On : 23 Apr 2016 18:56
 Operator : UM/SJ
 Sample : H2640-25
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B4(0-13)-C

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-BF042216.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	5.024	254	257	266	rBV	579886	992033	19.18%	1.547%
2	5.447	291	294	296	rBV	4282300	4727601	91.40%	7.370%
3	5.847	327	329	331	rBV	99385	90171	1.74%	0.141%
4	6.487	381	385	387	rBV	3161832	5172425	100.00%	8.063%
5	6.613	393	396	398	rBV	4983459	5032937	97.30%	7.846%
6	6.842	414	416	421	rBV	1182321	1145292	22.14%	1.785%
7	6.922	421	423	425	rVB	172821	155646	3.01%	0.243%
8	7.002	427	430	432	rBV	4104791	3991593	77.17%	6.223%
9	7.413	463	466	468	rBV	2555080	3263133	63.09%	5.087%
10	7.493	471	473	478	rVB2	51257	104665	2.02%	0.163%
11	7.870	503	506	510	rBV3	31096	75533	1.46%	0.118%
12	8.122	526	528	533	rBV	990191	1527396	29.53%	2.381%
13	8.556	564	566	568	rBV2	65694	87082	1.68%	0.136%
14	8.727	579	581	582	rBV	47700	61923	1.20%	0.097%
15	8.842	587	591	592	rVB2	57544	70896	1.37%	0.111%
16	8.933	597	599	601	rVB	66932	72029	1.39%	0.112%
17	9.093	611	613	617	rBV4	23233	70831	1.37%	0.110%
18	9.150	617	618	620	rVB	91742	76087	1.47%	0.119%
19	9.207	620	623	625	rBV	4518463	4968225	96.05%	7.745%
20	9.242	625	626	628	rVV	88238	93230	1.80%	0.145%
21	9.287	628	630	634	rVB2	103576	138114	2.67%	0.215%
22	9.470	643	646	648	rBV	47982	76097	1.47%	0.119%
23	9.539	650	652	653	rBV	104121	92754	1.79%	0.145%
24	9.596	655	657	659	rVV	680579	636477	12.31%	0.992%
25	9.745	668	670	672	rVB2	42249	62820	1.21%	0.098%
26	9.813	675	676	679	rBV	157970	151840	2.94%	0.237%
27	9.882	679	682	683	rBV	1227475	1350823	26.12%	2.106%
28	9.905	683	684	687	rVB	273303	355631	6.88%	0.554%
29	10.042	693	696	698	rBV3	67257	112934	2.18%	0.176%
30	10.076	698	699	702	rVV	177410	245547	4.75%	0.383%
31	10.133	702	704	706	rVB3	66089	121628	2.35%	0.190%
32	10.179	706	708	711	rBV	813831	945241	18.27%	1.474%
33	10.282	716	717	718	rBV	51503	69251	1.34%	0.108%
34	10.316	718	720	721	rVB	252994	218713	4.23%	0.341%

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35	10.419	728	729	733	rVB	272714	358363	6.93%	0.559%
36	10.488	733	735	736	rBV2	45319	52870	1.02%	0.082%
37	10.533	738	739	742	rVB2	163581	166100	3.21%	0.259%
38	10.579	742	743	745	rVB	123414	126219	2.44%	0.197%
39	10.671	748	751	753	rBV	2010327	2614785	50.55%	4.076%
40	10.785	760	761	766	rVB	341929	512364	9.91%	0.799%
41	10.979	775	778	779	rBV3	79147	138100	2.67%	0.215%
42	11.231	797	800	801	rBV3	160422	255513	4.94%	0.398%
43	11.265	801	803	806	rVB2	204879	276770	5.35%	0.431%
44	11.391	809	814	816	rBV2	1460132	3141639	60.74%	4.898%
45	11.436	816	818	820	rVB	607233	562097	10.87%	0.876%
46	11.596	829	832	836	rBV3	95468	287133	5.55%	0.448%
47	11.665	836	838	839	rVB	98070	127015	2.46%	0.198%
48	11.859	853	855	856	rBV	231645	244681	4.73%	0.381%
49	11.893	856	858	860	rVV	259936	301766	5.83%	0.470%
50	11.939	860	862	863	rVV2	132428	166913	3.23%	0.260%
51	11.973	863	865	869	rVB2	520522	717035	13.86%	1.118%
52	12.156	879	881	886	rBV2	158080	218597	4.23%	0.341%
53	12.419	901	904	905	rBV	140050	216097	4.18%	0.337%
54	12.454	905	907	910	rVV2	174337	255469	4.94%	0.398%
55	12.591	916	919	921	rBV	1891239	2455362	47.47%	3.828%
56	12.625	921	922	925	rVB3	64051	92412	1.79%	0.144%
57	12.808	934	938	940	rBV2	1621449	2640506	51.05%	4.116%
58	12.945	948	950	953	rVB	2668970	2993147	57.87%	4.666%
59	13.128	964	966	968	rVB	326811	333462	6.45%	0.520%
60	13.196	969	972	973	rVV2	286832	413803	8.00%	0.645%
61	13.231	973	975	979	rVB2	216936	309762	5.99%	0.483%
62	13.528	998	1001	1002	rBV	216364	283718	5.49%	0.442%
63	13.848	1027	1029	1033	rVB3	306182	399676	7.73%	0.623%
64	13.997	1039	1042	1049	rVB2	1128991	2807512	54.28%	4.377%
65	14.099	1049	1051	1053	rVB	177108	154247	2.98%	0.240%
66	14.168	1055	1057	1059	rBV	211929	211239	4.08%	0.329%
67	14.477	1081	1084	1085	rBV2	210060	310585	6.00%	0.484%
68	15.014	1128	1131	1135	rBV	539535	1221280	23.61%	1.904%
69	15.300	1153	1156	1159	rVB	275495	431116	8.33%	0.672%
70	15.357	1159	1161	1164	rBV	435078	641865	12.41%	1.001%
71	15.414	1164	1166	1168	rBV	439919	639471	12.36%	0.997%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.488	1258	1260	1266	rVB	150356	313400	6.06%	0.489%
73	16.797	1284	1287	1293	rVB2	160748	397558	7.69%	0.620%

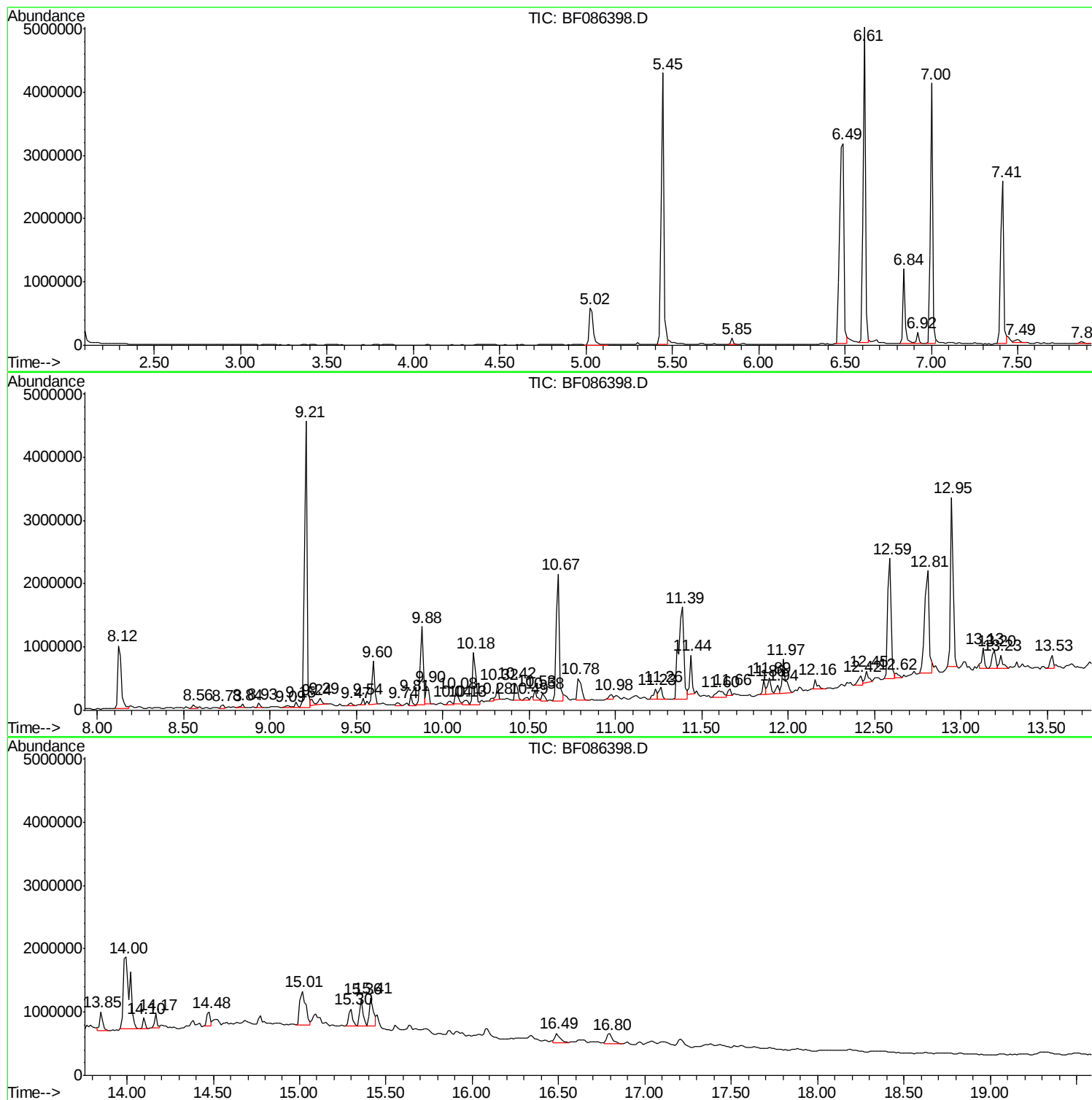
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Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : H2640-25
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B4(0-13)-C

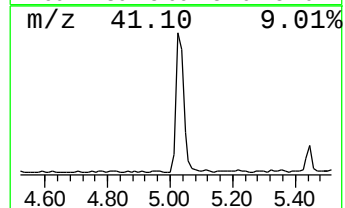
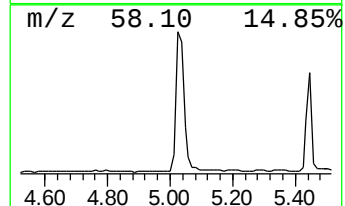
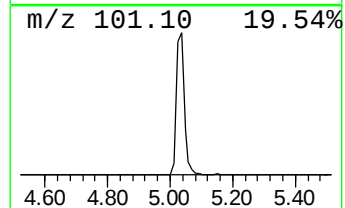
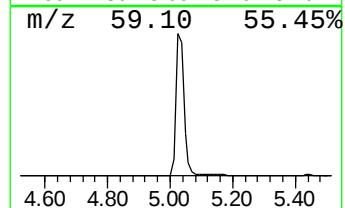
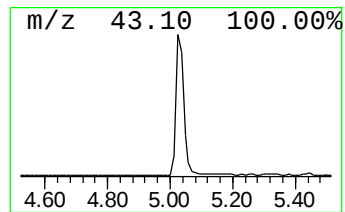
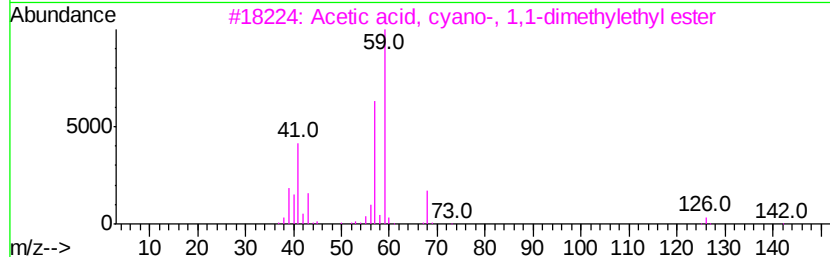
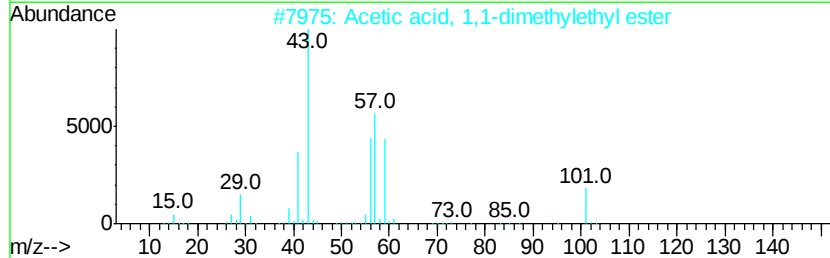
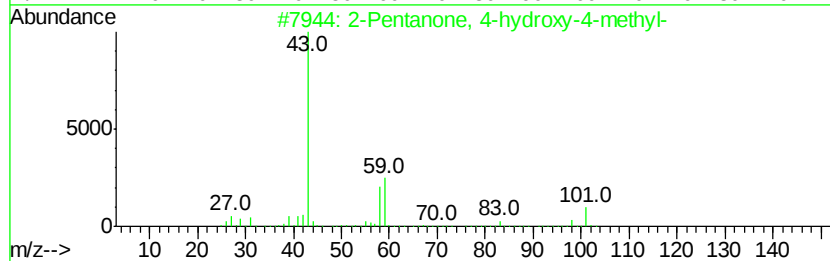
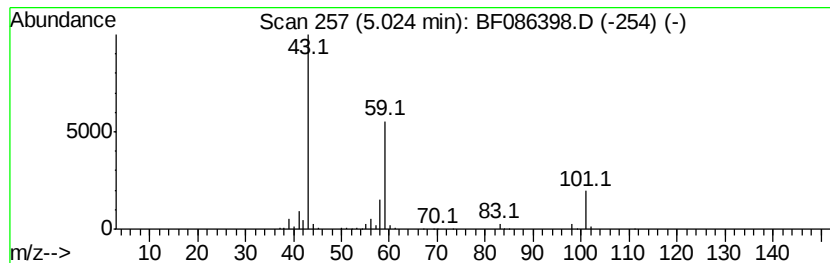
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.02	17.32 ng	992033	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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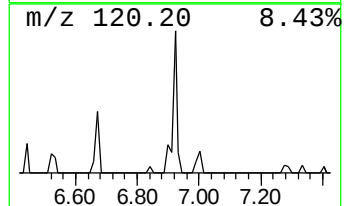
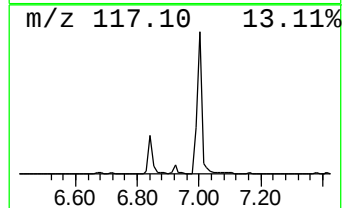
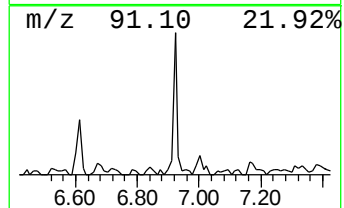
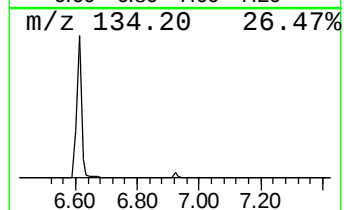
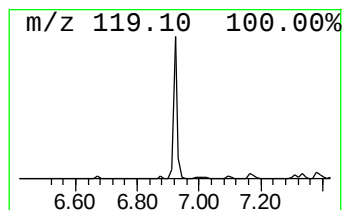
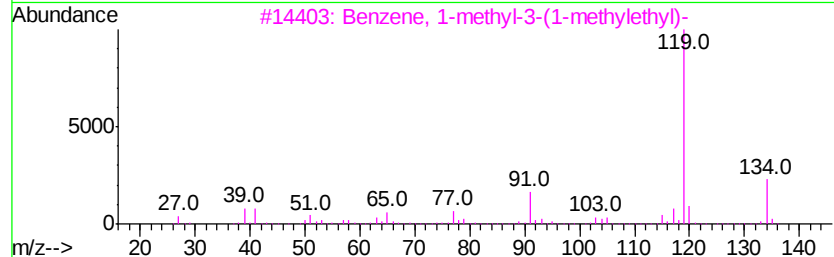
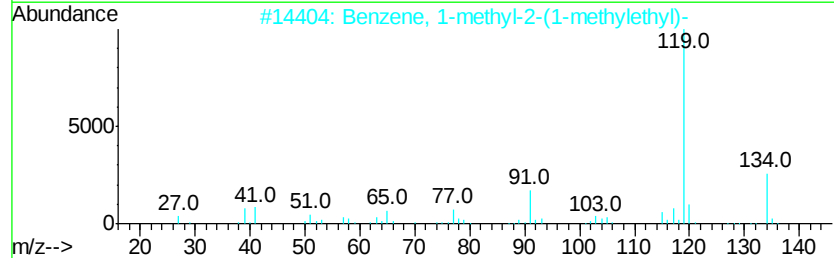
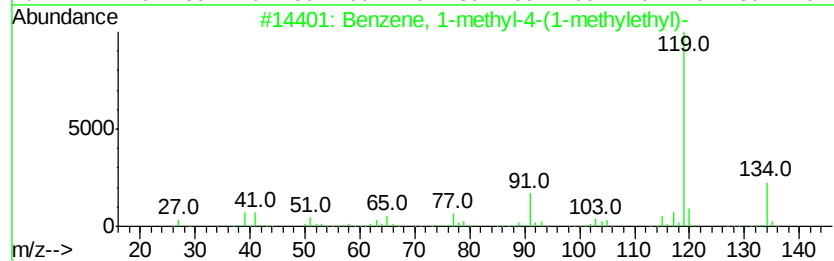
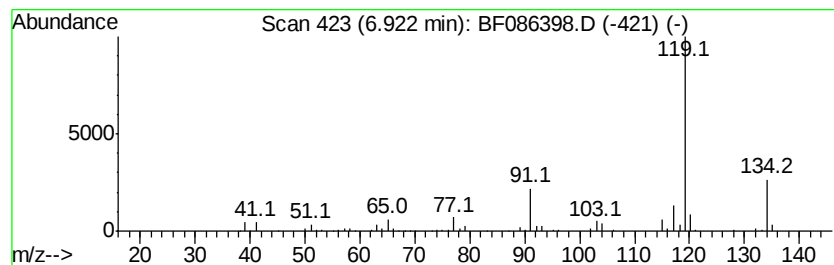
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-methyl-4-(1-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	2.72 ng	155646	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



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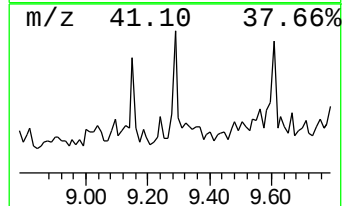
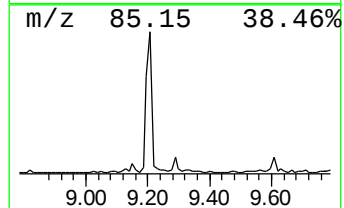
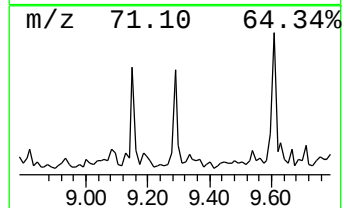
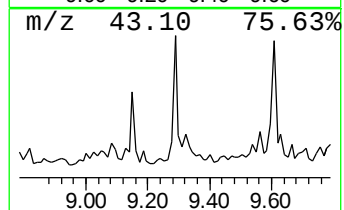
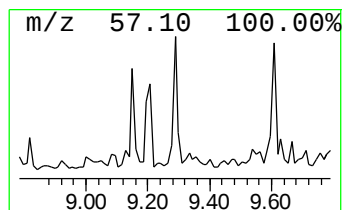
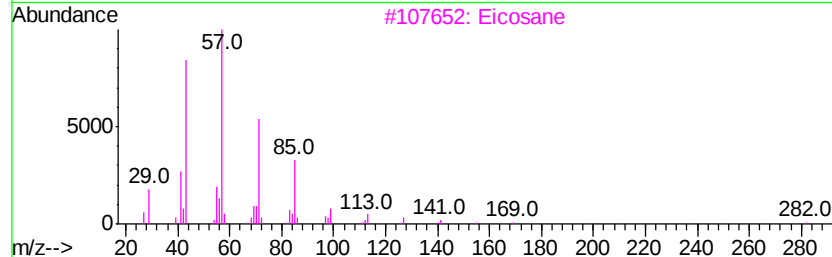
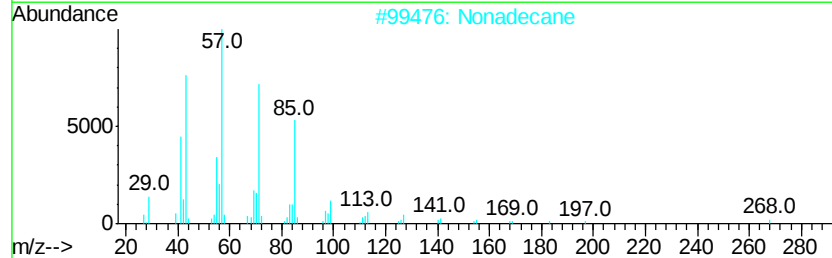
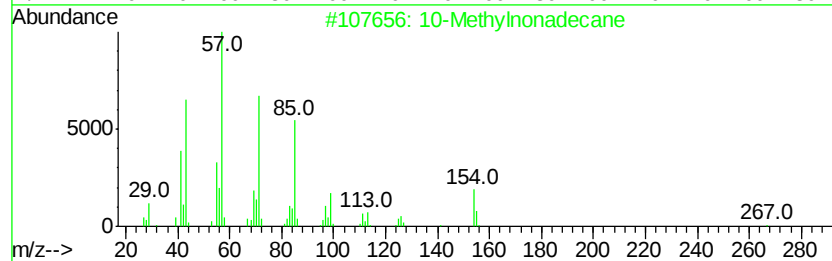
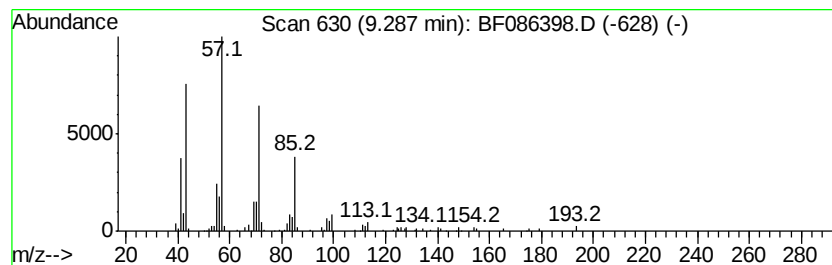
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 10-Methylnonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.04 ng	138114	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetradecane	198	C14H30	000629-59-4	86



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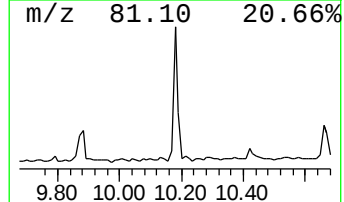
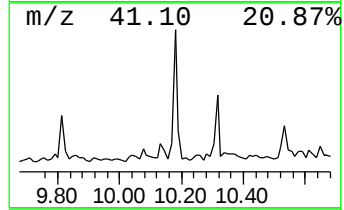
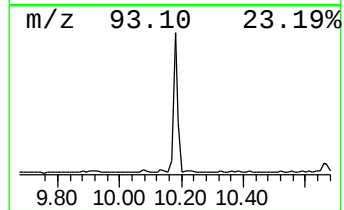
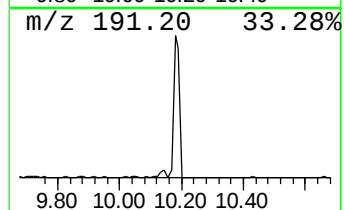
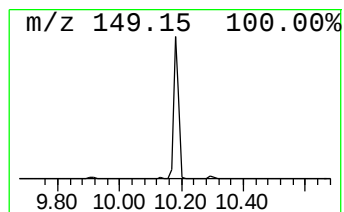
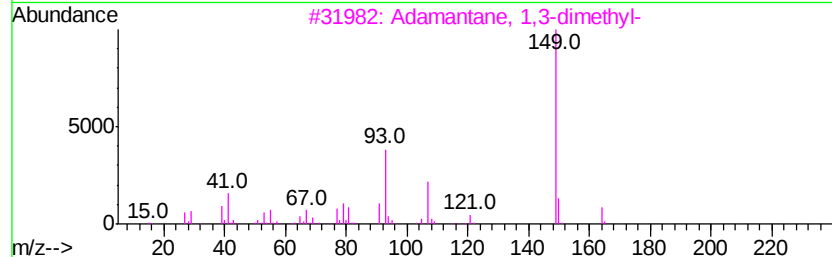
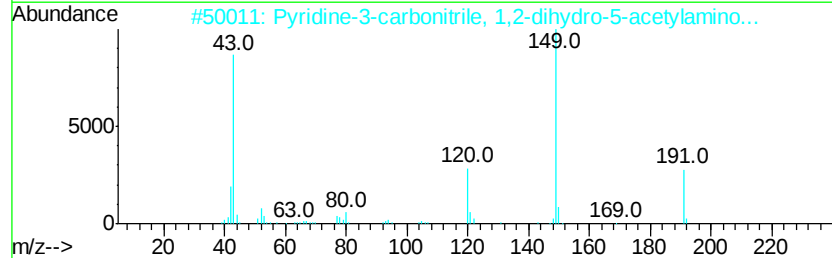
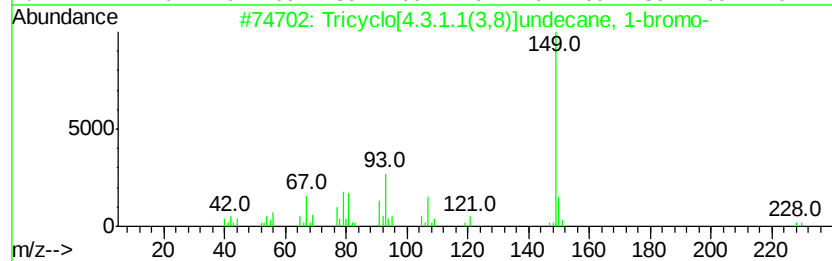
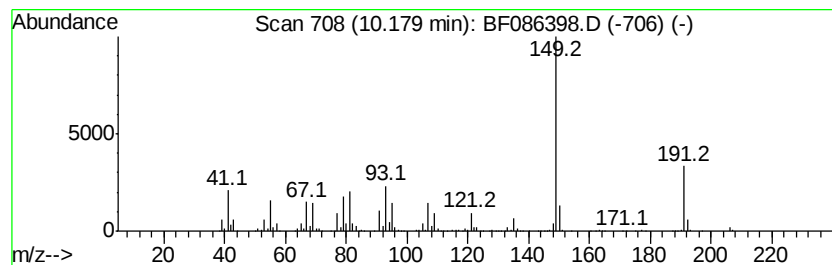
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	14.00 ng	945241	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	64
2		Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	64
3		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	53
4		Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	53
5		Adamantane, 1-isothiocyanato-3-m...	207	C12H17NS	136860-48-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086398.D
Acq On : 23 Apr 2016 18:56
Operator : UM/SJ
Sample : H2640-25
Misc :
ALS Vial : 42 Sample Multiplier: 1

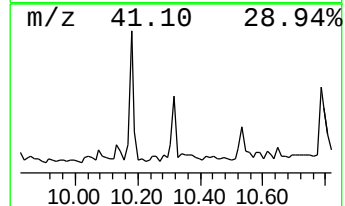
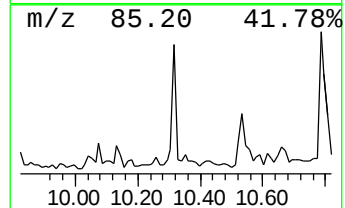
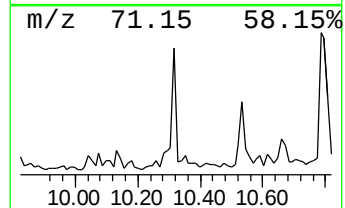
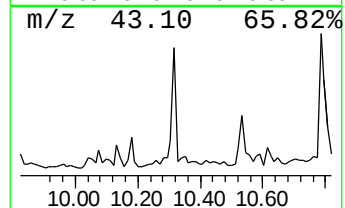
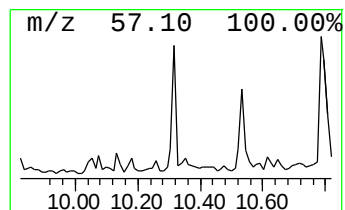
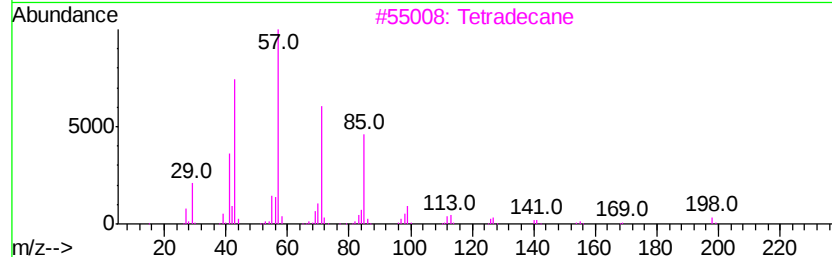
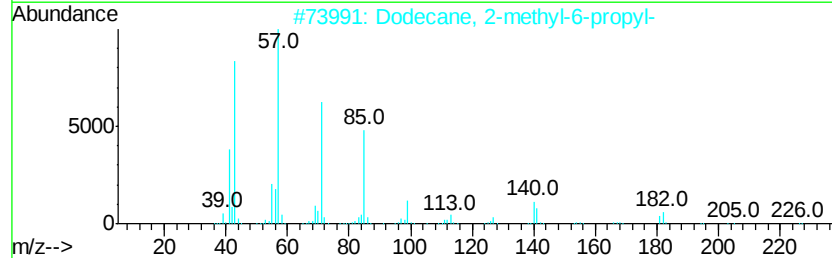
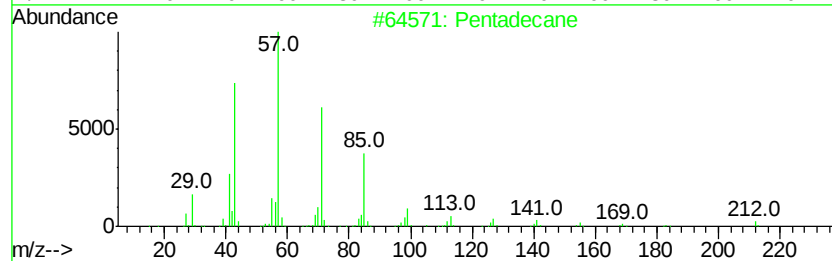
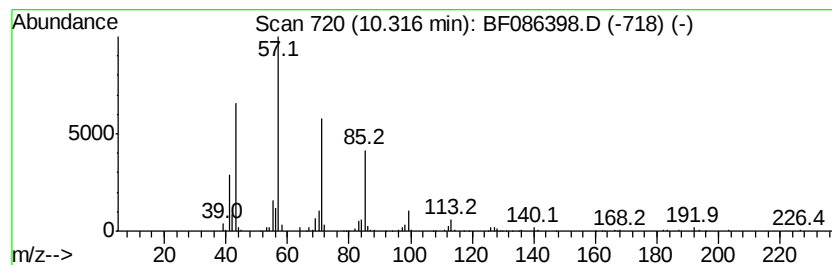
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	3.24 ng	218713	Acenaphthene-d10	9.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	90
2	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	86
3	Tetradecane	198 C14H30	000629-59-4	86
4	Tritetracontane	605 C43H88	007098-21-7	83
5	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086398.D
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Operator : UM/SJ
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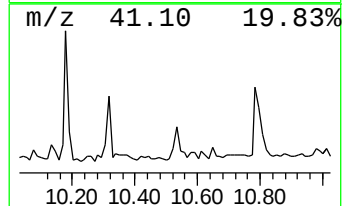
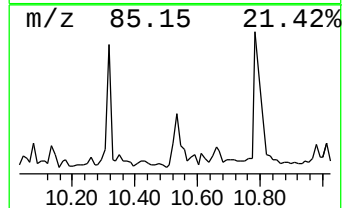
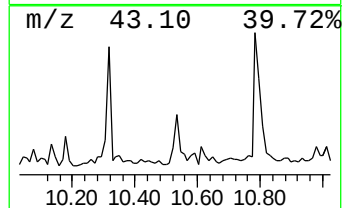
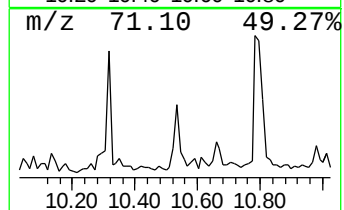
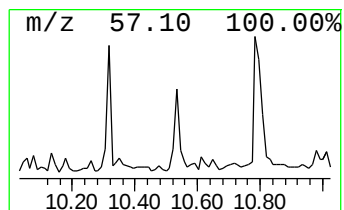
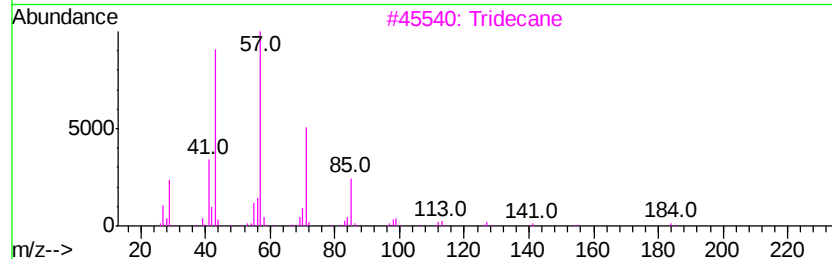
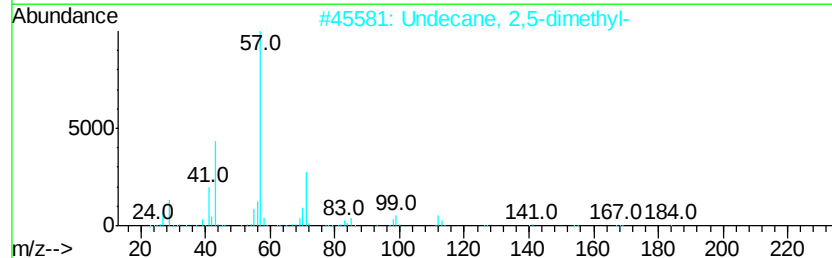
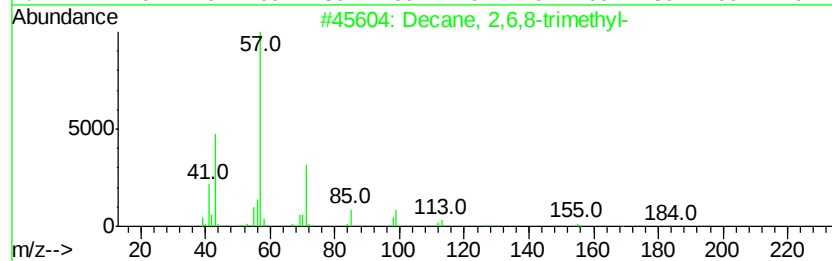
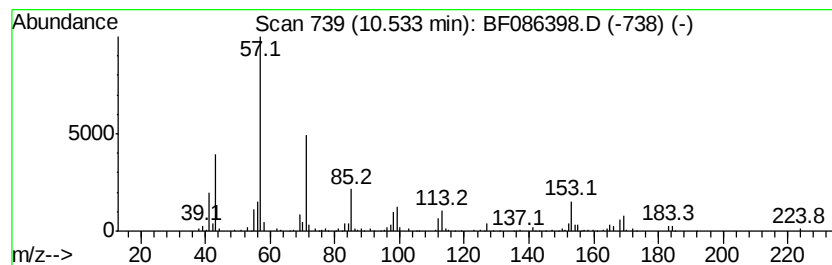
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 2,6,8-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.46 ng	166100	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	74
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68
3		Tridecane	184	C13H28	000629-50-5	58
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086398.D
Acq On : 23 Apr 2016 18:56
Operator : UM/SJ
Sample : H2640-25
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ALS Vial : 42 Sample Multiplier: 1

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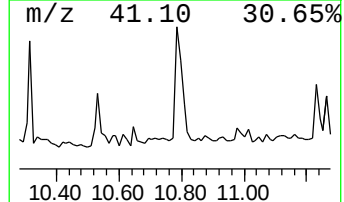
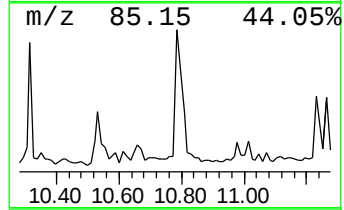
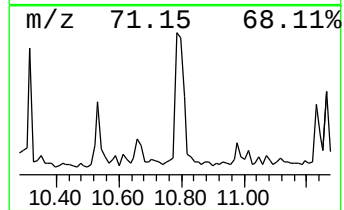
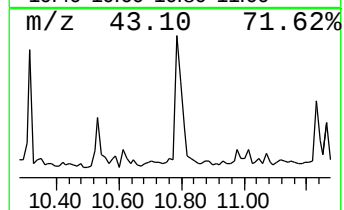
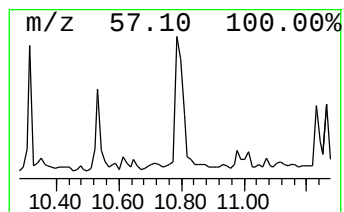
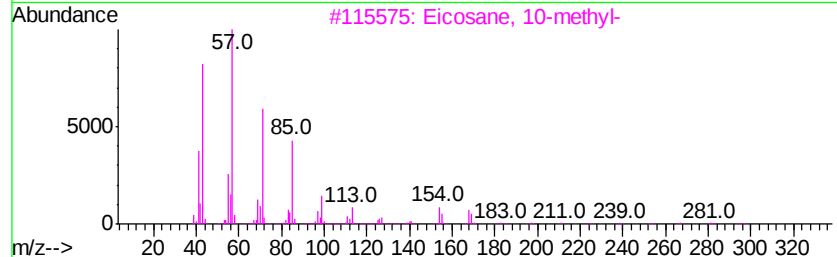
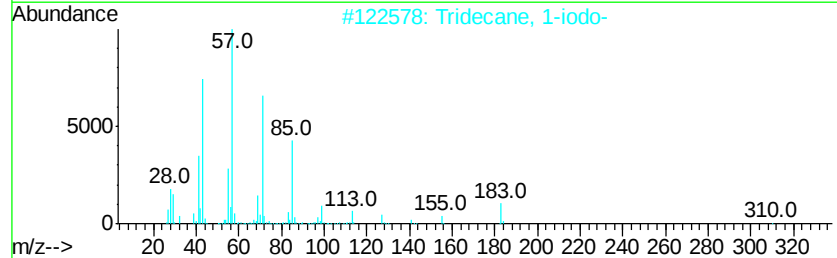
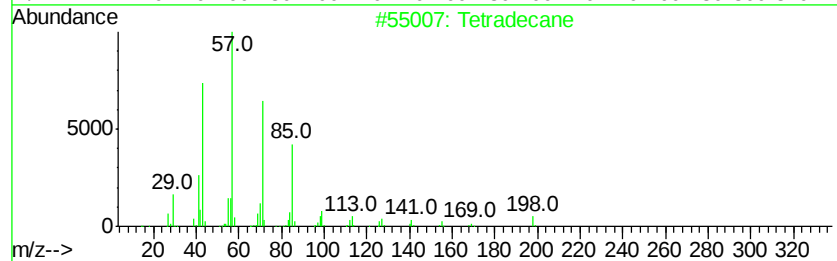
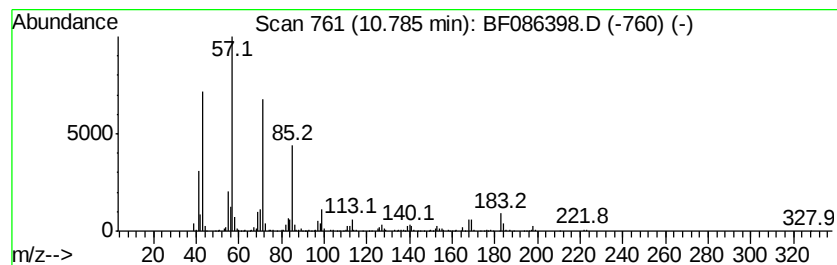
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	3.26 ng	512364	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
5		Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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Acq On : 23 Apr 2016 18:56
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Sample : H2640-25
Misc :
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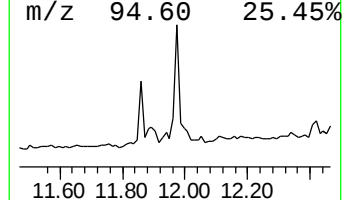
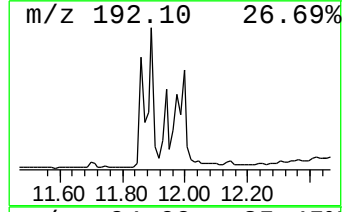
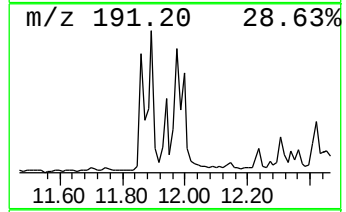
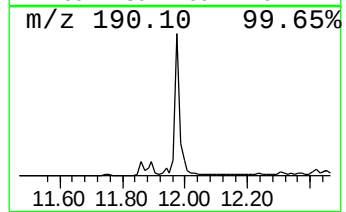
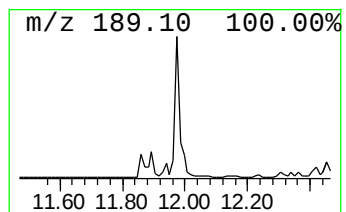
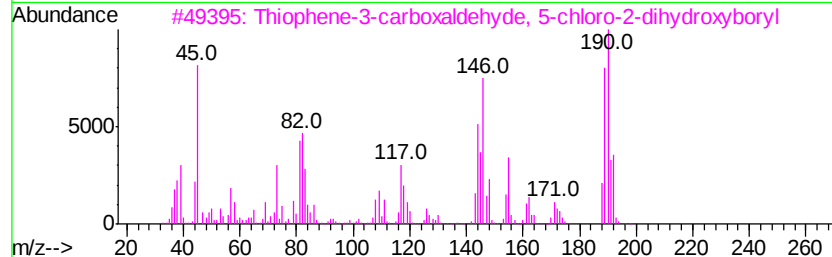
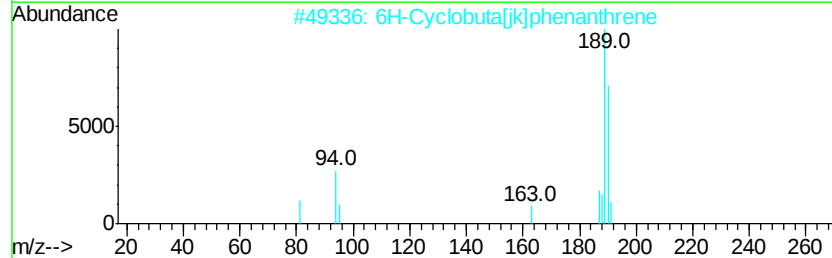
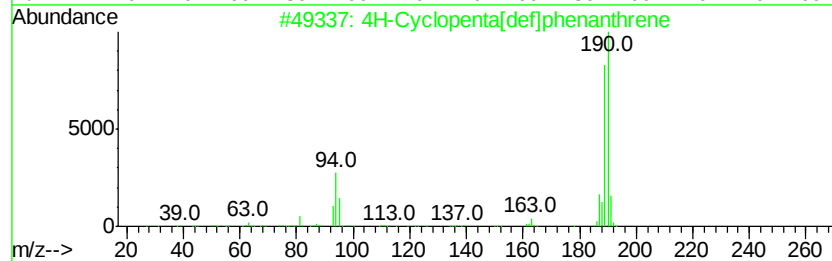
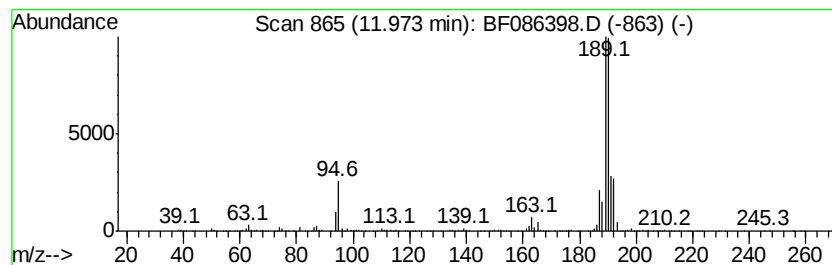
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	4.56 ng	717035	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalaldehyde	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086398.D
Acq On : 23 Apr 2016 18:56
Operator : UM/SJ
Sample : H2640-25
Misc :
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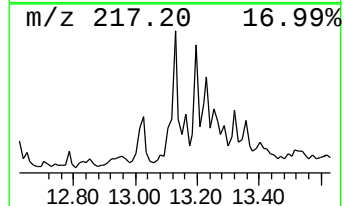
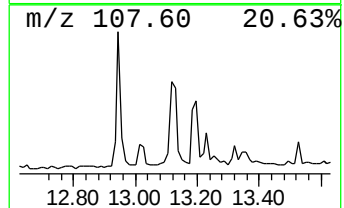
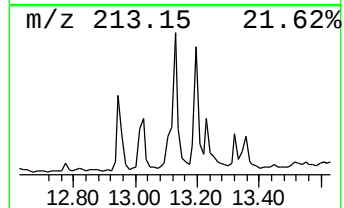
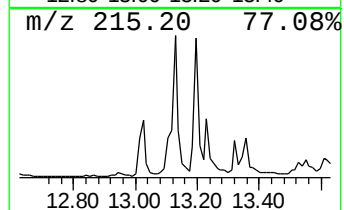
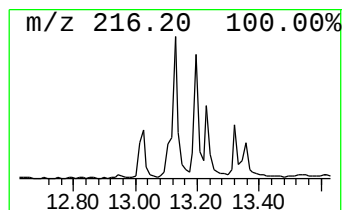
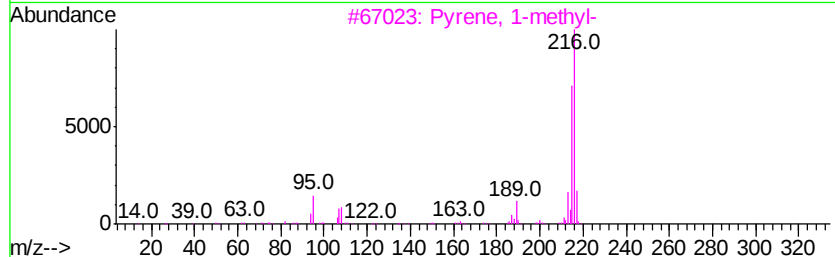
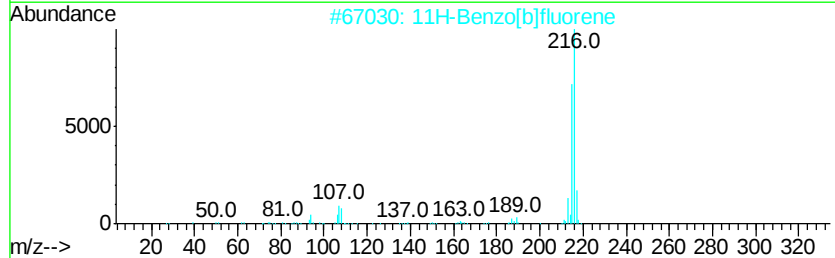
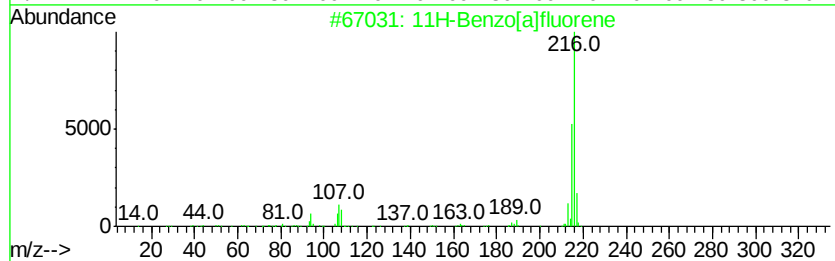
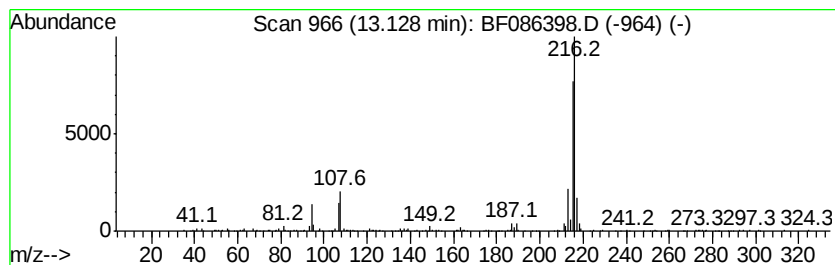
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.38 ng	333462	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086398.D
Acq On : 23 Apr 2016 18:56
Operator : UM/SJ
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ClientSampleId :
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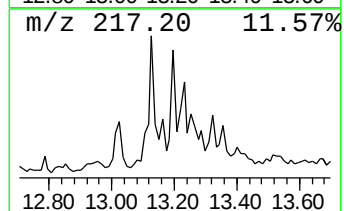
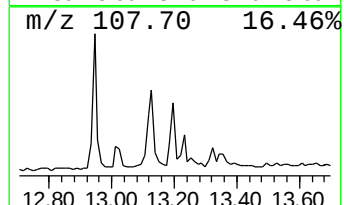
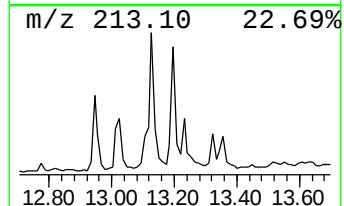
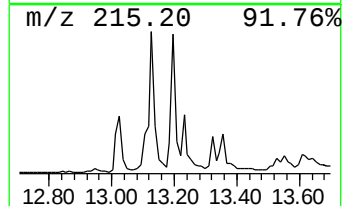
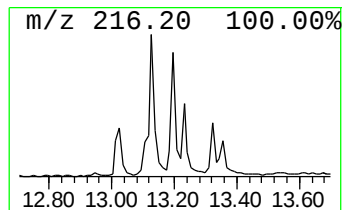
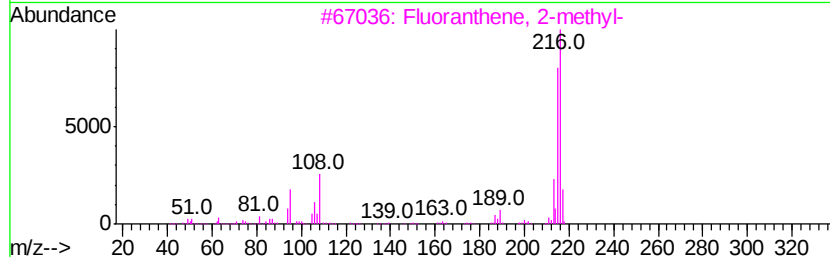
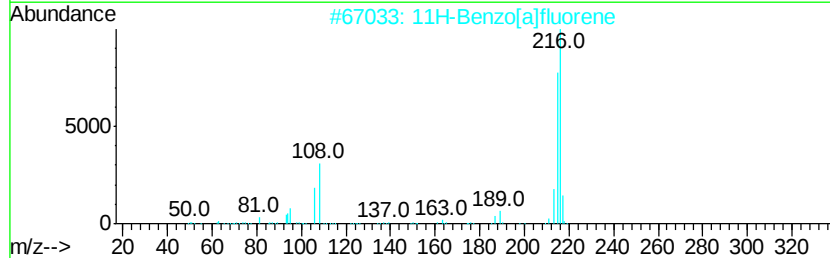
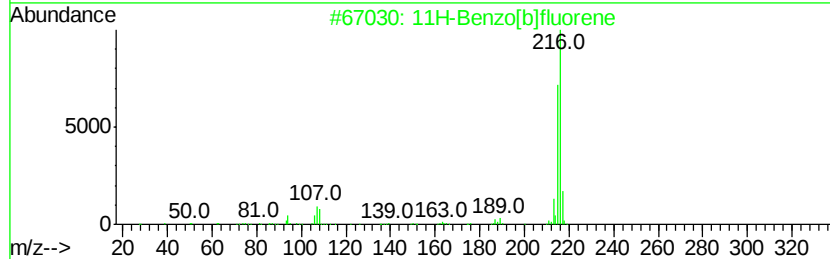
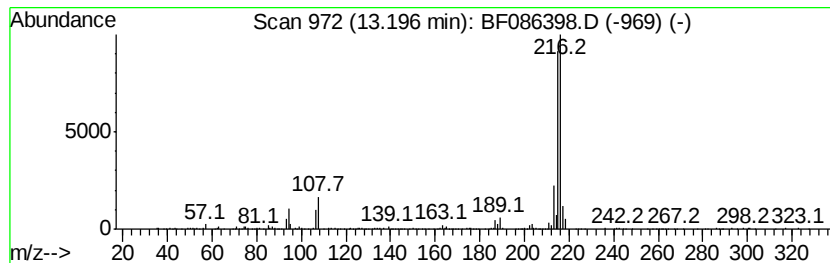
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.95 ng	413803	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4		.beta.-Carboline, 1,2,3,4-tetra...	260	C14H16N2O3	029573-11-3	59
5		trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086398.D
Acq On : 23 Apr 2016 18:56
Operator : UM/SJ
Sample : H2640-25
Misc :
ALS Vial : 42 Sample Multiplier: 1

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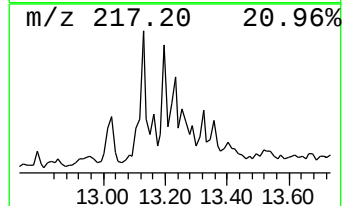
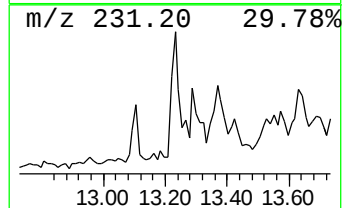
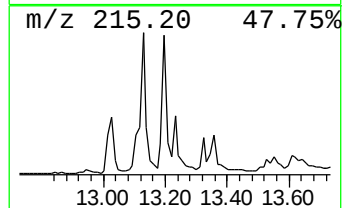
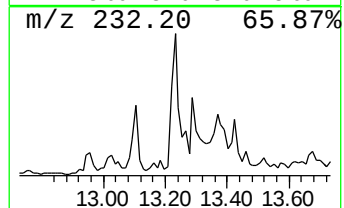
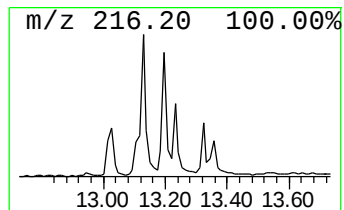
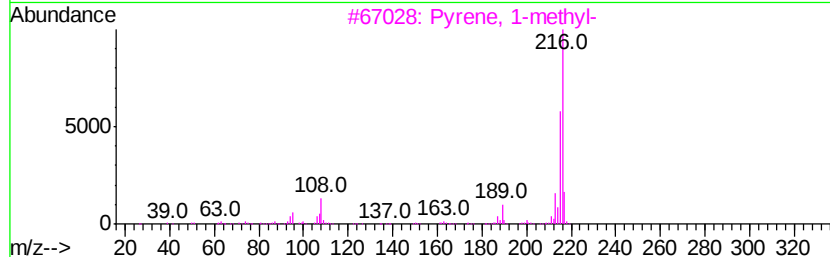
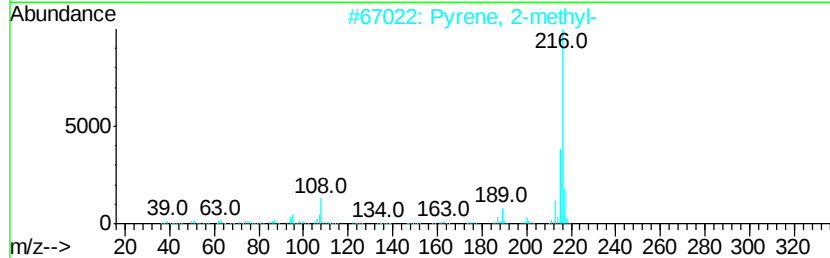
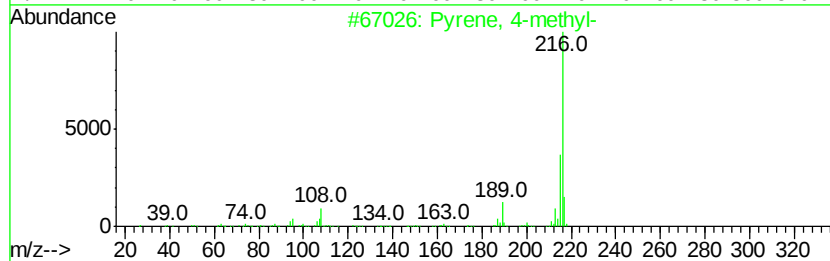
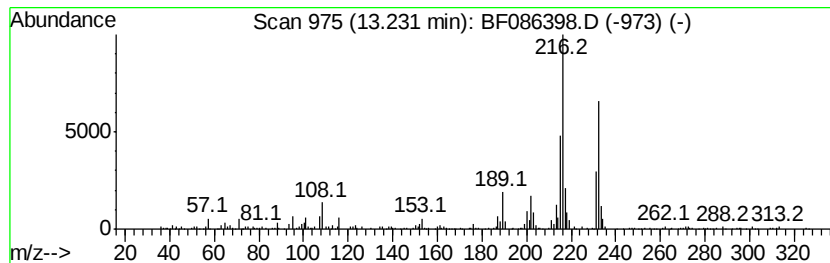
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.21 ng	309762	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
4		11H-Benzo[fluorene	216	C17H12	000238-84-6	55
5		1-Pyrenemethanol	232	C17H12O	024463-15-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086398.D
Acq On : 23 Apr 2016 18:56
Operator : UM/SJ
Sample : H2640-25
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B4(0-13)-C

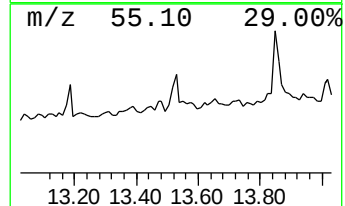
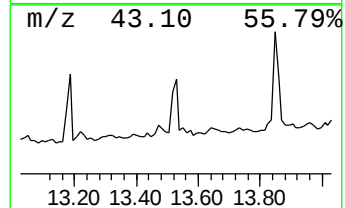
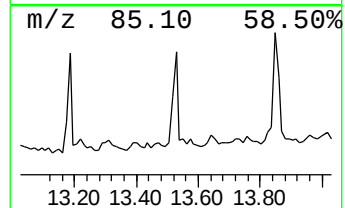
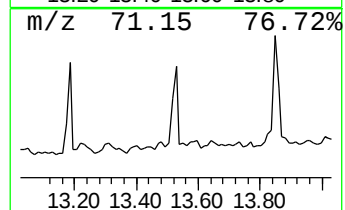
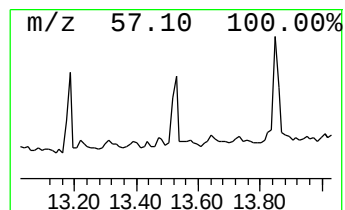
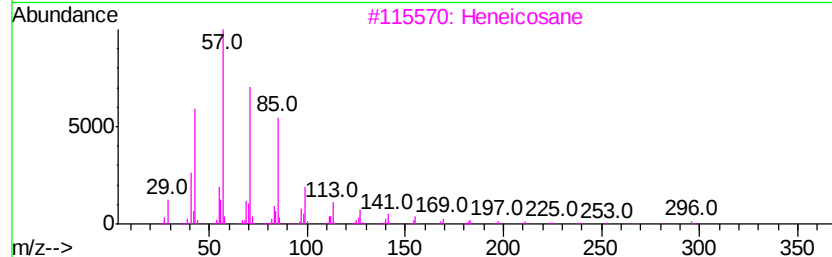
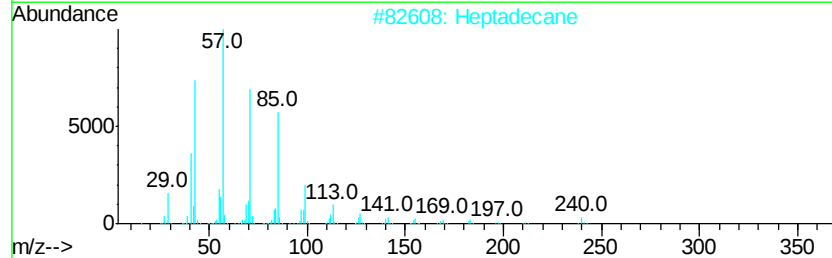
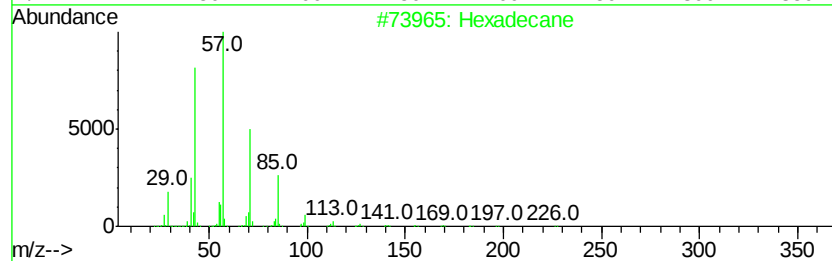
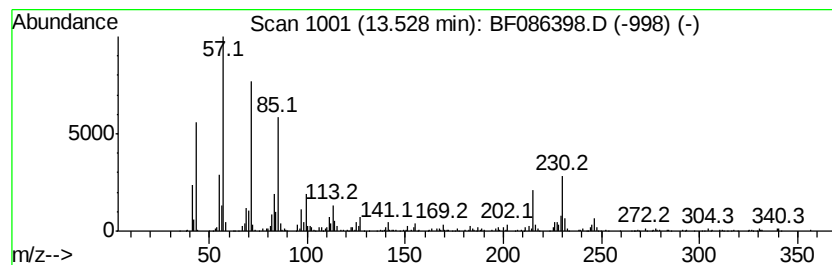
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.02 ng	283718	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	92
2		Heptadecane	240	C17H36	000629-78-7	89
3		Heneicosane	296	C21H44	000629-94-7	76
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	68
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086398.D
Acq On : 23 Apr 2016 18:56
Operator : UM/SJ
Sample : H2640-25
Misc :
ALS Vial : 42 Sample Multiplier: 1

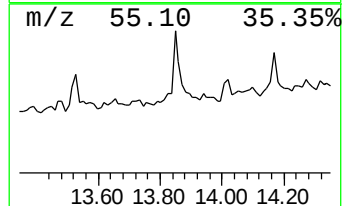
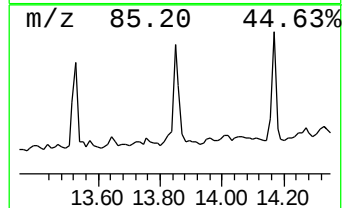
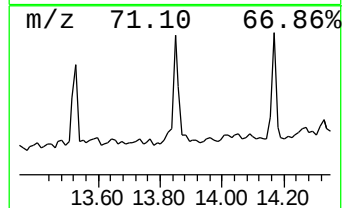
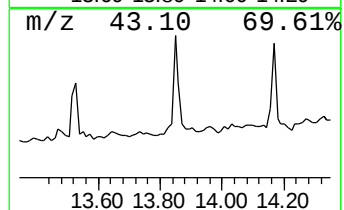
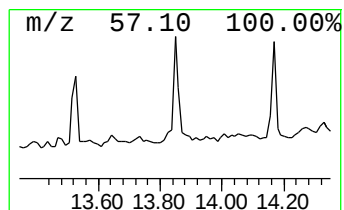
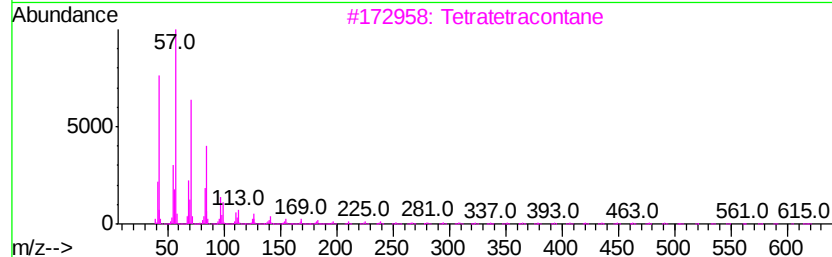
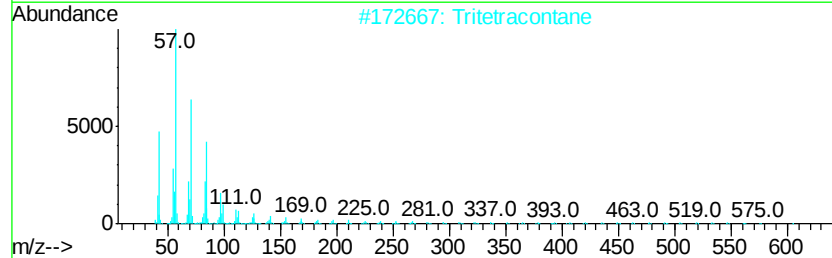
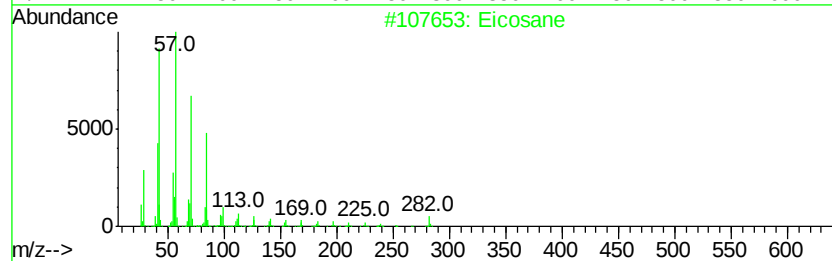
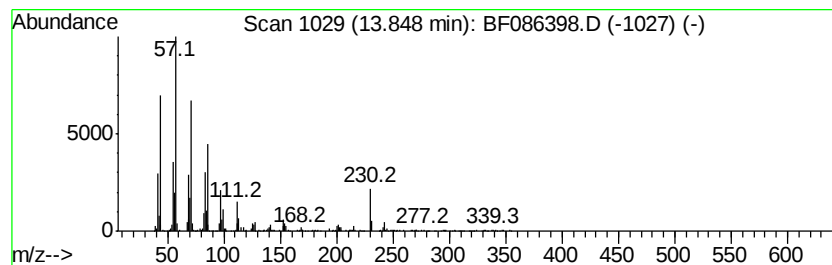
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ClientSampleId :
WPG-B4(0-13)-C

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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 16 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.85	2.85 ng	399676	Chrysene-d12		14.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tritetracontane	605	C43H88	007098-21-7	64
3	Tetratetracontane	619	C44H90	007098-22-8	64
4	Pentadecane	212	C15H32	000629-62-9	62
5	Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086398.D
Acq On : 23 Apr 2016 18:56
Operator : UM/SJ
Sample : H2640-25
Misc :
ALS Vial : 42 Sample Multiplier: 1

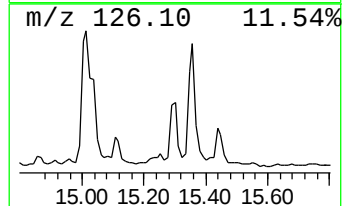
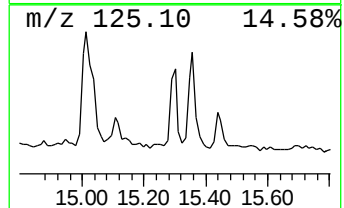
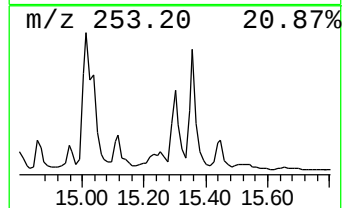
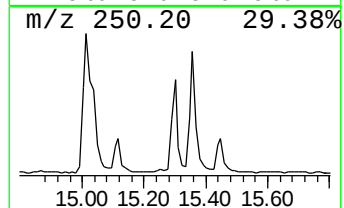
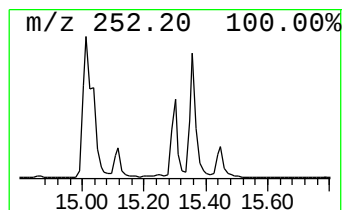
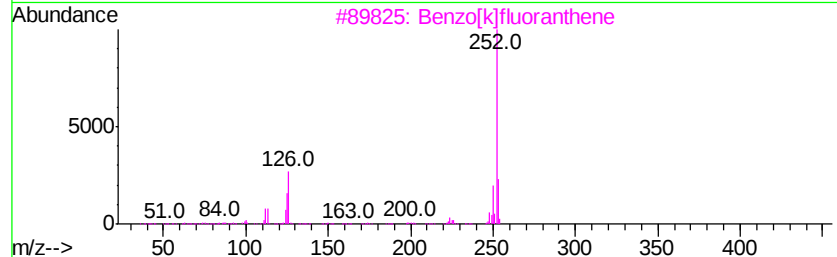
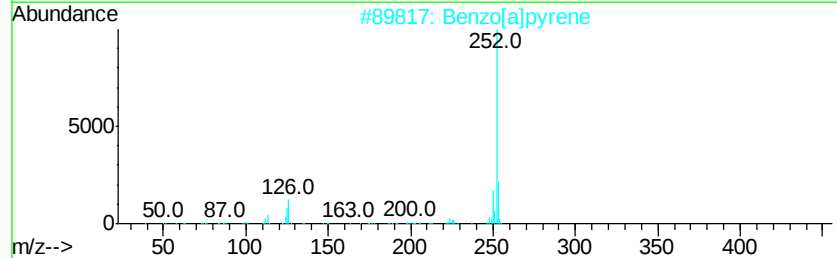
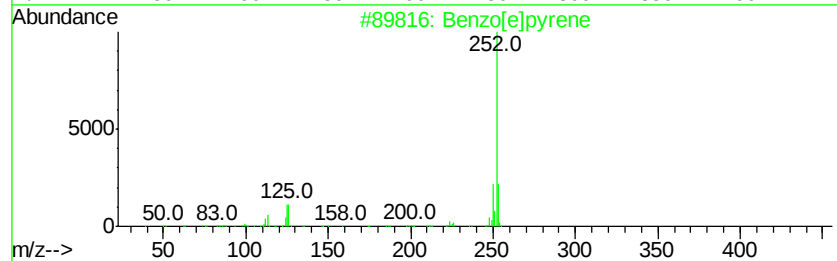
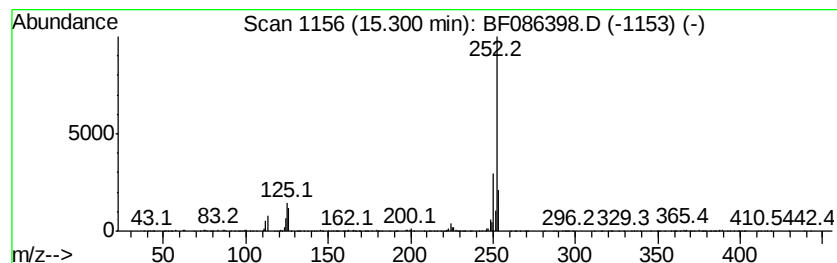
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.30	13.48 ng	431116	Perylene-d12	15.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[el]pyrene	252	C20H12	000192-97-2	98
2	Benzo[al]pyrene	252	C20H12	000050-32-8	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[el]acephenanthrylene	252	C20H12	000205-99-2	93
5	1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086398.D
Acq On : 23 Apr 2016 18:56
Operator : UM/SJ
Sample : H2640-25
Misc :
ALS Vial : 42 Sample Multiplier: 1

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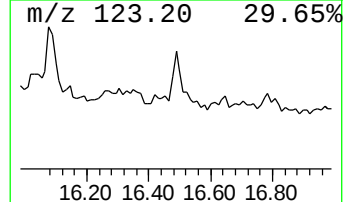
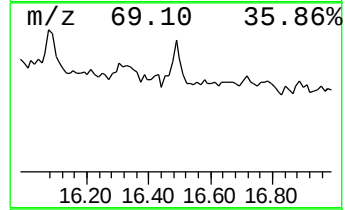
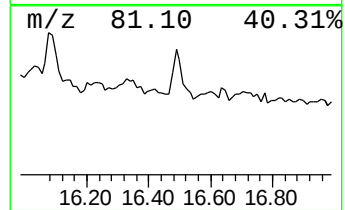
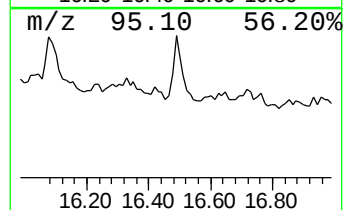
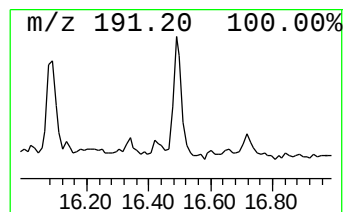
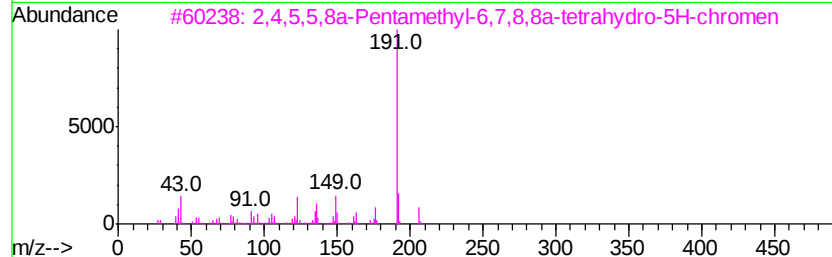
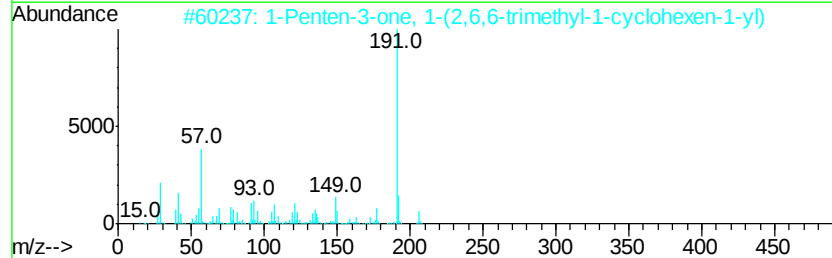
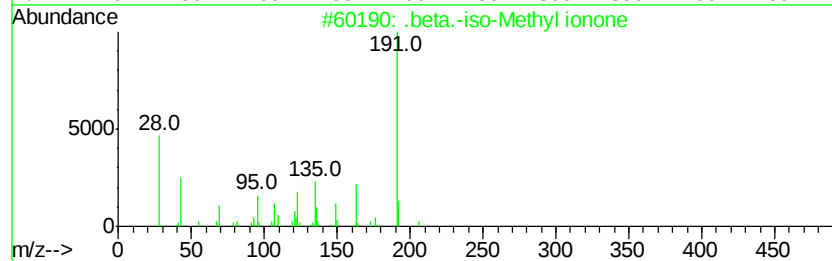
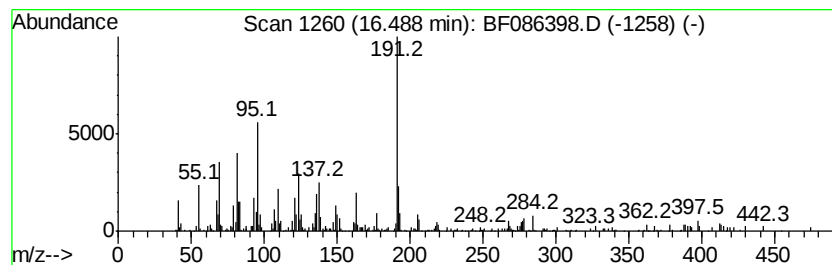
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .beta.-iso-Methyl ionone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	9.80 ng	313400	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	68
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	42
3		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38
4		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35
5		3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086398.D
 Acq On : 23 Apr 2016 18:56
 Operator : UM/SJ
 Sample : H2640-25
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B4(0-13)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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...	5.02	17.3	ng	992033	1	6.84	1145290	20.0
Benzene, 1-methyl...	6.92	2.7	ng	155646	1	6.84	1145290	20.0
10-Methylnonadecane	9.29	2.0	ng	138114	3	9.88	1350820	20.0
Tricyclo[4.3.1.1(...	10.18	14.0	ng	945241	3	9.88	1350820	20.0
Pentadecane	10.32	3.2	ng	218713	3	9.88	1350820	20.0
Decane, 2,6,8-tri...	10.53	2.5	ng	166100	3	9.88	1350820	20.0
Tetradecane	10.78	3.3	ng	512364	4	11.36	3141640	20.0
4H-Cyclopenta[def...	11.97	4.6	ng	717035	4	11.36	3141640	20.0
11H-Benzo[a]fluorene	13.13	2.4	ng	333462	5	14.00	2807510	20.0
11H-Benzo[b]fluorene	13.20	3.0	ng	413803	5	14.00	2807510	20.0
Pyrene, 4-methyl-	13.23	2.2	ng	309762	5	14.00	2807510	20.0
Hexadecane	13.53	2.0	ng	283718	5	14.00	2807510	20.0
Eicosane	13.85	2.9	ng	399676	5	14.00	2807510	20.0
Benzo[e]pyrene	15.30	13.5	ng	431116	6	15.41	639471	20.0
.beta.-iso-Methyl...	16.49	9.8	ng	313400	6	15.41	639471	20.0