

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086400.D
 Acq On : 23 Apr 2016 19:55
 Operator : UM/SJ
 Sample : H2640-21
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B7(0-6)-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	3.161	88	94	101	rBV3	13878	55372	1.39%	0.107%
2	3.321	103	108	115	rVV2	25557	64570	1.62%	0.125%
3	4.350	196	198	201	rBV	97479	134039	3.37%	0.259%
4	5.013	254	256	265	rBV	812861	1144151	28.74%	2.207%
5	5.436	290	293	296	rBV	2689871	3324739	83.51%	6.414%
6	5.664	310	313	321	rBV	234608	425177	10.68%	0.820%
7	5.847	327	329	331	rBV	66491	62573	1.57%	0.121%
8	6.476	381	384	387	rBV	2928369	3429553	86.15%	6.616%
9	6.613	393	396	398	rBV	3811315	3894833	97.83%	7.514%
10	6.681	399	402	404	rVV	283099	340079	8.54%	0.656%
11	6.716	404	405	414	rVB	138143	245570	6.17%	0.474%
12	6.841	414	416	424	rBV	1215590	1183510	29.73%	2.283%
13	7.001	427	430	432	rBV	3222732	3128879	78.59%	6.036%
14	7.104	437	439	443	rBV	226187	288970	7.26%	0.557%
15	7.402	463	465	468	rBV	1506537	2277774	57.21%	4.394%
16	7.459	468	470	472	rVV2	87741	183164	4.60%	0.353%
17	7.504	472	474	481	rVB2	71331	134681	3.38%	0.260%
18	7.699	489	491	499	rVB	865853	1020162	25.63%	1.968%
19	7.882	503	507	510	rBV2	60655	133227	3.35%	0.257%
20	7.927	510	511	515	rVB	86824	88533	2.22%	0.171%
21	8.122	526	528	537	rVV	990096	1522001	38.23%	2.936%
22	8.350	545	548	551	rBV	306818	447461	11.24%	0.863%
23	8.407	551	553	555	rBV	483010	552627	13.88%	1.066%
24	8.727	578	581	585	rVB2	41664	69733	1.75%	0.135%
25	8.830	588	590	593	rBV2	227853	272465	6.84%	0.526%
26	8.899	595	596	598	rBV	87895	79528	2.00%	0.153%
27	8.945	598	600	601	rBV	64948	68512	1.72%	0.132%
28	9.013	604	606	610	rBV2	74503	120714	3.03%	0.233%
29	9.127	614	616	617	rBV	73695	80715	2.03%	0.156%
30	9.207	620	623	625	rVV	3664171	3981116	100.00%	7.680%
31	9.287	628	630	632	rVV	131931	151564	3.81%	0.292%
32	9.333	632	634	638	rVV2	164051	300823	7.56%	0.580%
33	9.470	642	646	647	rBV2	30316	69037	1.73%	0.133%
34	9.539	650	652	655	rVV3	68925	99862	2.51%	0.193%

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 Integrator: RTE
 Smoothing : ON
 Sampling : 1
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 Stop Thrs : 0

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

35	9.596	655	657	659 rVV	537250	527283	13.24%	1.017%
36	9.665	661	663	668 rVB4	36351	93064	2.34%	0.180%
37	9.745	668	670	673 rBV	96050	181347	4.56%	0.350%
38	9.813	675	676	679 rBV2	242425	265383	6.67%	0.512%
39	9.882	679	682	683 rVV	1409844	1410204	35.42%	2.720%
40	9.905	683	684	689 rVB	103334	165092	4.15%	0.318%
41	10.042	694	696	698 rBV3	46573	88718	2.23%	0.171%
42	10.076	698	699	702 rVV2	66593	89774	2.25%	0.173%
43	10.133	702	704	706 rVB3	49243	70713	1.78%	0.136%
44	10.282	716	717	718 rBV	72928	87607	2.20%	0.169%
45	10.316	718	720	721 rVB	345524	296399	7.45%	0.572%
46	10.419	728	729	733 rVB2	72712	95862	2.41%	0.185%
47	10.533	736	739	742 rBV2	156110	233080	5.85%	0.450%
48	10.579	742	743	745 rVB	34445	46257	1.16%	0.089%
49	10.613	745	746	748 rVB2	37670	45591	1.15%	0.088%
50	10.659	748	750	753 rBV2	1043129	1376578	34.58%	2.656%
51	10.785	759	761	765 rVB	440725	529584	13.30%	1.022%
52	10.853	765	767	769 rBV2	25031	49137	1.23%	0.095%
53	10.979	775	778	783 rVB6	49175	132501	3.33%	0.256%
54	11.230	798	800	802 rBV	222376	240884	6.05%	0.465%
55	11.265	802	803	806 rVB2	135908	120841	3.04%	0.233%
56	11.356	809	811	816 rBV2	830257	1796689	45.13%	3.466%
57	11.436	816	818	820 rVB	218931	222237	5.58%	0.429%
58	11.596	830	832	836 rBV2	50480	91651	2.30%	0.177%
59	11.665	836	838	839 rVB	100848	137052	3.44%	0.264%
60	11.859	853	855	856 rBV	99911	120669	3.03%	0.233%
61	11.893	856	858	860 rVV	103217	126519	3.18%	0.244%
62	11.939	860	862	863 rVB2	41949	50850	1.28%	0.098%
63	11.973	863	865	869 rVB2	215567	318669	8.00%	0.615%
64	12.065	872	873	874 rBV	120483	93920	2.36%	0.181%
65	12.156	879	881	882 rBV	55924	55104	1.38%	0.106%
66	12.339	895	897	900 rBV2	45341	106595	2.68%	0.206%
67	12.408	901	903	905 rVV	117790	149317	3.75%	0.288%
68	12.453	905	907	909 rVB	136805	175914	4.42%	0.339%
69	12.499	909	911	913 rBV2	56473	103663	2.60%	0.200%
70	12.568	915	917	920 rBV	1304627	1389833	34.91%	2.681%
71	12.613	920	921	924 rVB3	69512	114552	2.88%	0.221%

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72	12.659	924	925	927 rBV2	74479	110741	2.78%	0.214%
73	12.796	934	937	941 rBV	1275941	1692571	42.51%	3.265%
74	12.945	948	950	954 rVB	2586298	2701175	67.85%	5.211%
75	13.014	954	956	958 rBV2	98770	164581	4.13%	0.317%
76	13.128	964	966	968 rVB	278394	269718	6.77%	0.520%
77	13.196	969	972	973 rVV3	209971	314029	7.89%	0.606%
78	13.231	973	975	979 rVV2	164943	289509	7.27%	0.558%
79	13.528	999	1001	1002 rBV	205460	247542	6.22%	0.478%
80	13.848	1028	1029	1034 rVB4	219811	381101	9.57%	0.735%
81	13.996	1039	1042	1048 rVV2	1027459	2247630	56.46%	4.336%
82	14.168	1055	1057	1059 rBV	265421	327051	8.22%	0.631%
83	14.477	1082	1084	1085 rBV	316536	298590	7.50%	0.576%
84	14.774	1108	1110	1111 rBV	299850	303089	7.61%	0.585%
85	15.014	1129	1131	1135 rVB	393256	796285	20.00%	1.536%
86	15.425	1165	1167	1168 rBV	356921	463254	11.64%	0.894%
87	16.500	1259	1261	1268 rVB	318706	655623	16.47%	1.265%

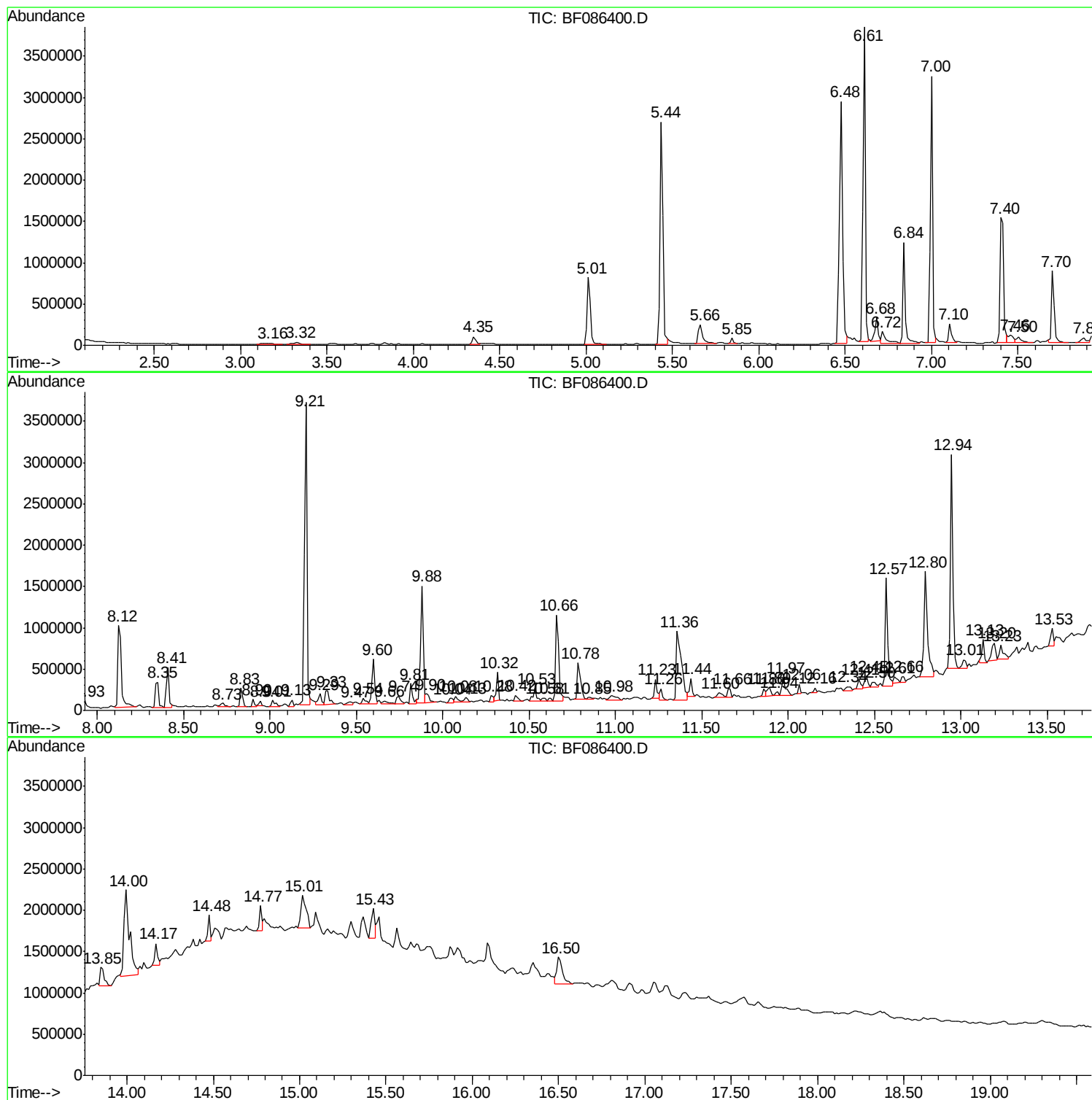
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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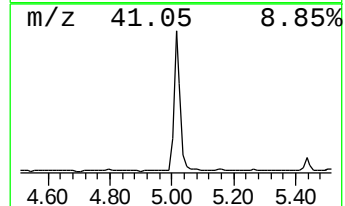
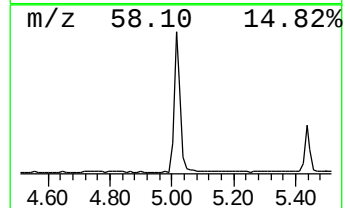
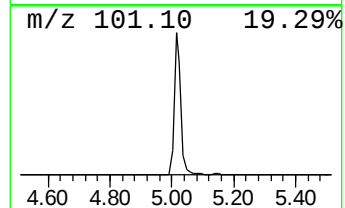
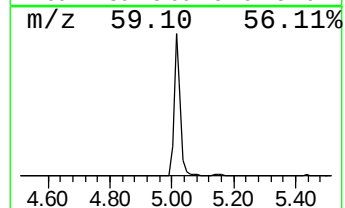
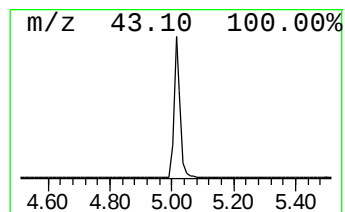
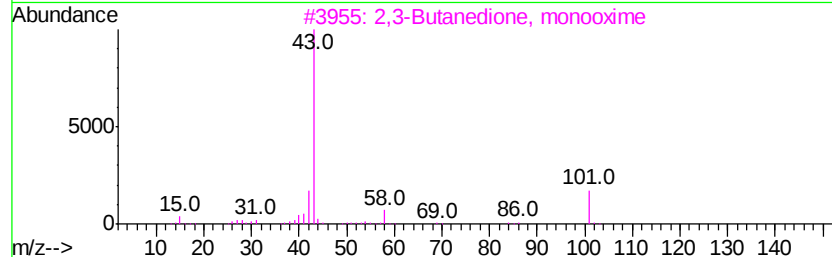
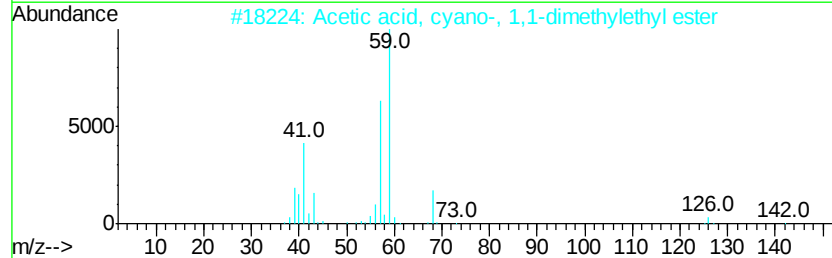
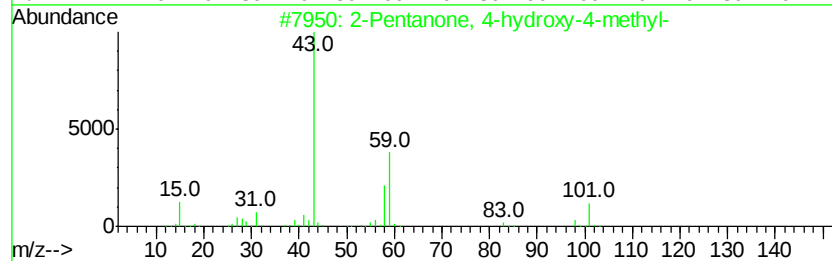
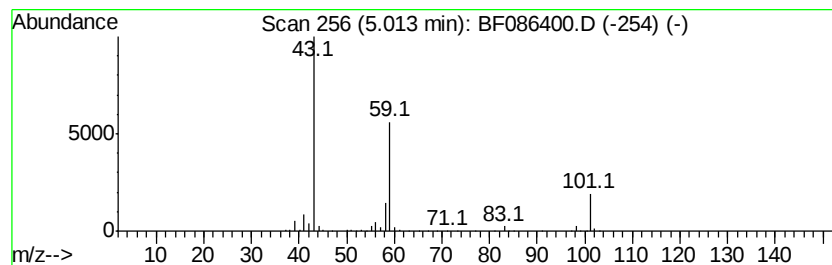
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	19.33 ng	1144150	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	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9



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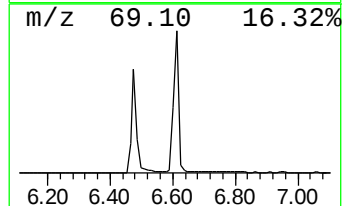
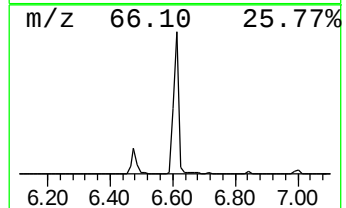
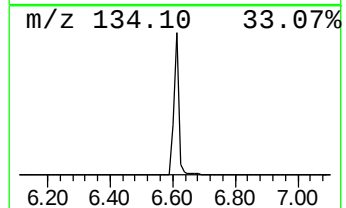
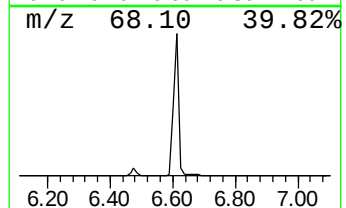
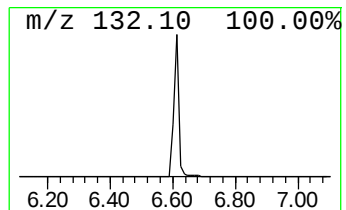
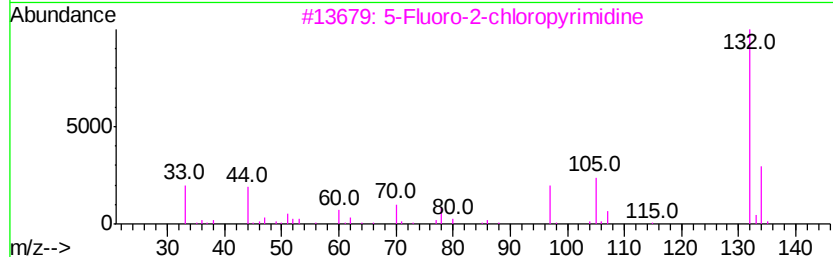
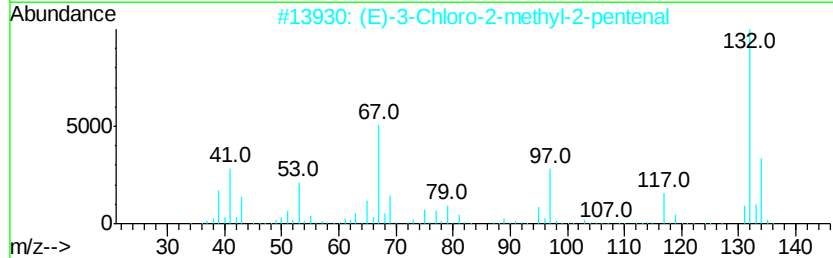
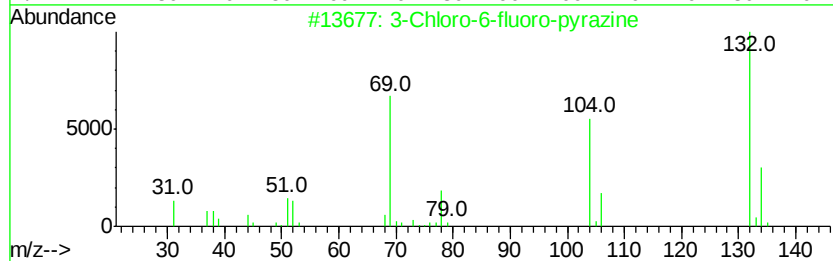
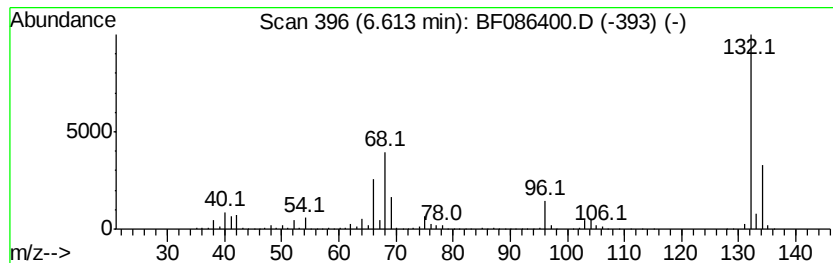
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	65.82 ng	3894830	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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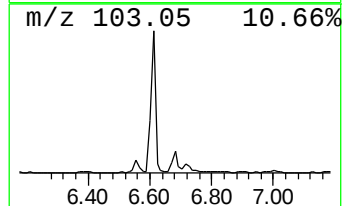
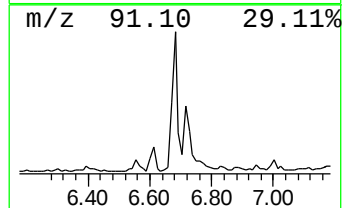
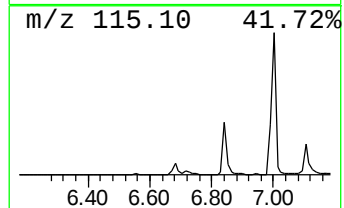
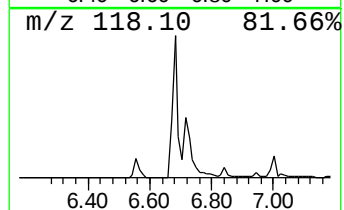
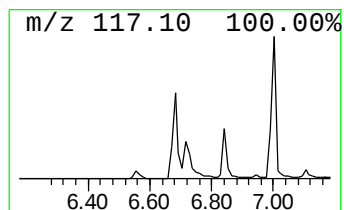
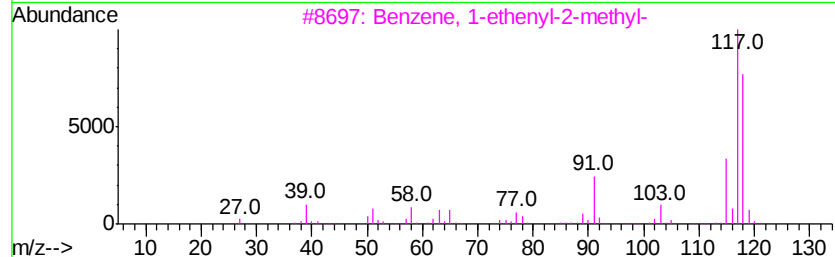
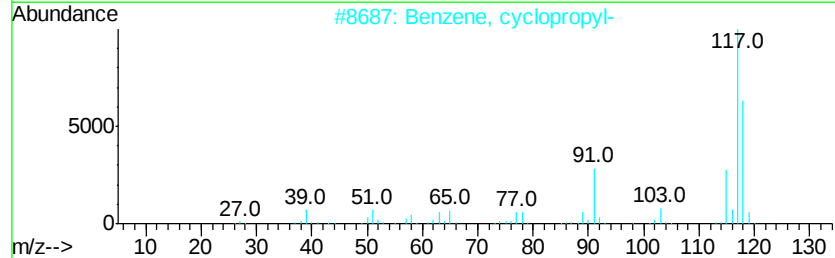
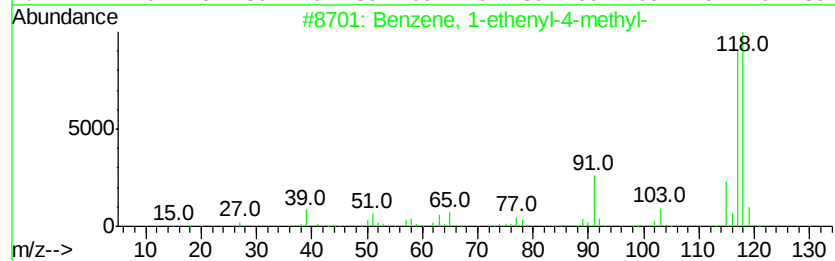
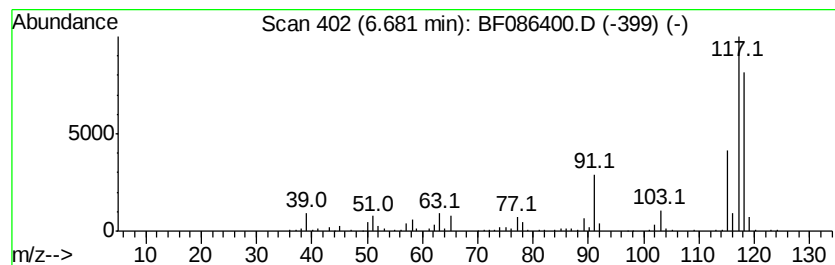
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethenyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	5.75 ng	340079	1,4-Dichlorobenzene-d4	6.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	90



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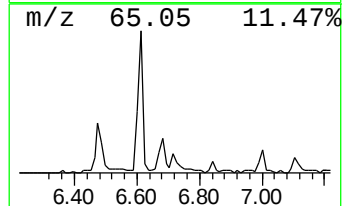
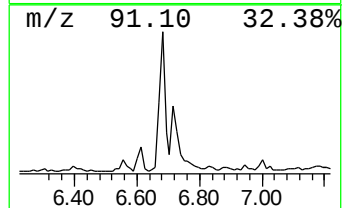
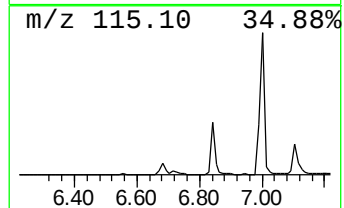
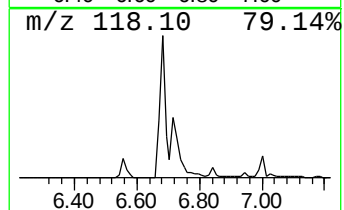
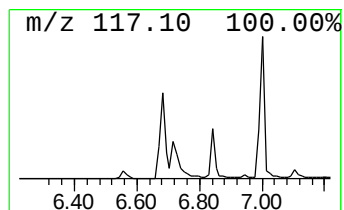
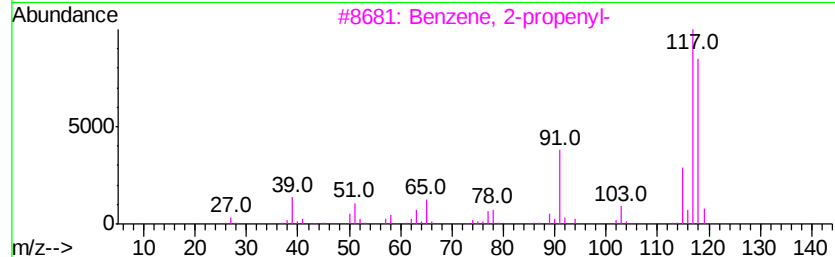
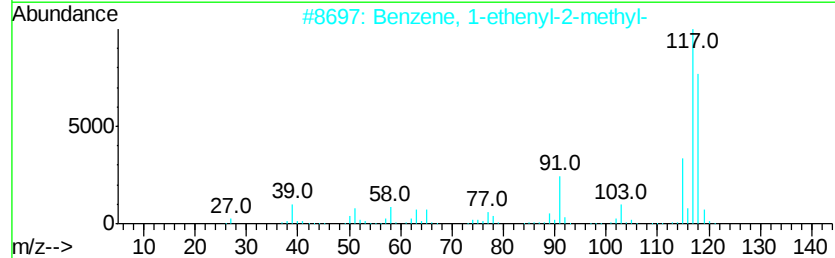
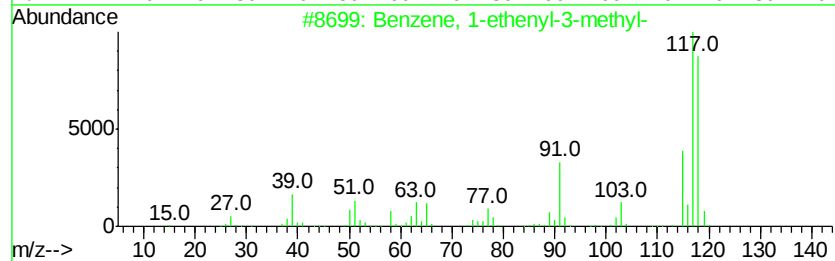
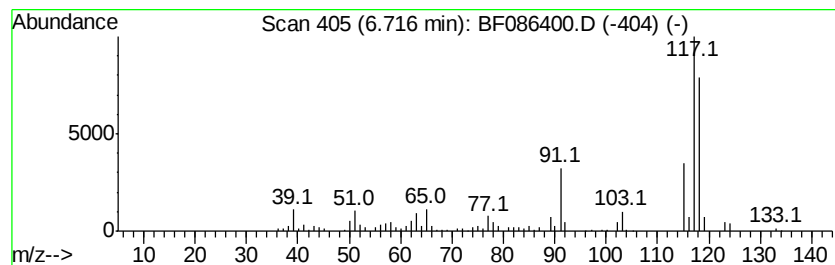
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethenyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	4.15 ng	245570	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
4		cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	91
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086400.D
Acq On : 23 Apr 2016 19:55
Operator : UM/SJ
Sample : H2640-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B7(0-6)-C

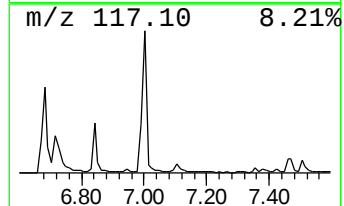
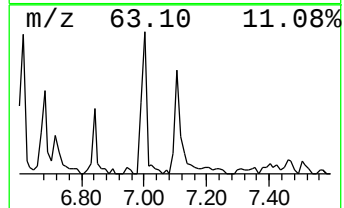
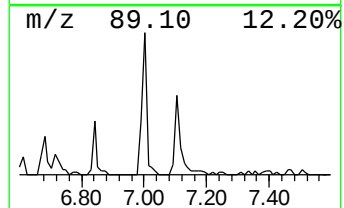
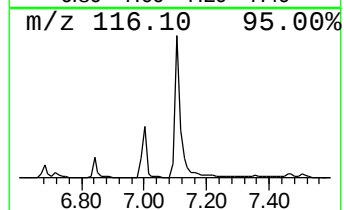
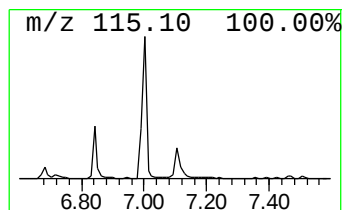
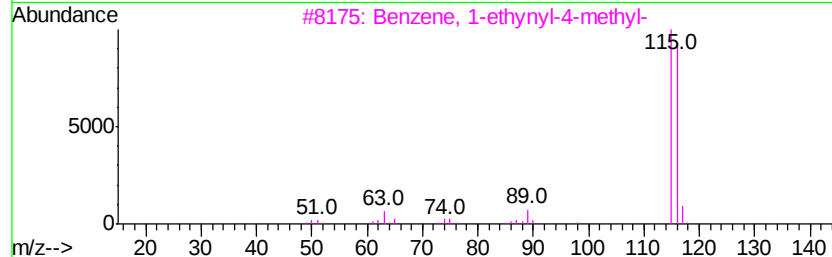
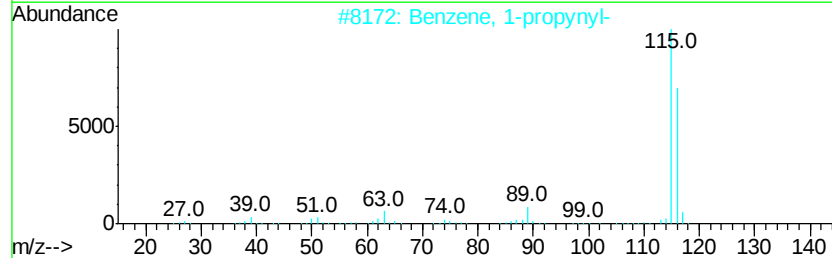
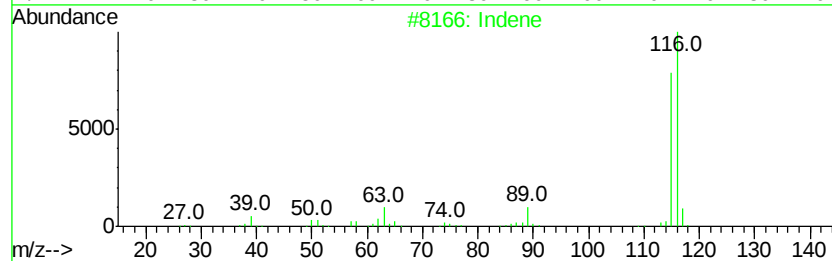
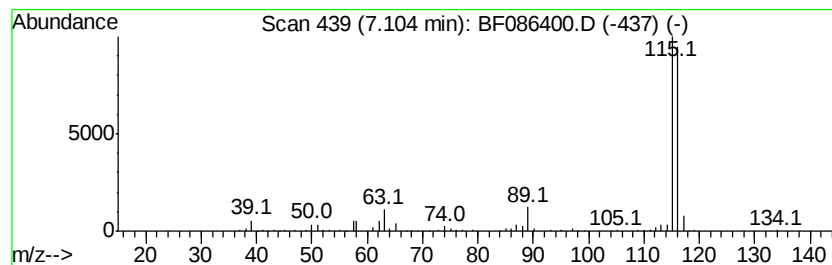
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	4.88 ng	288970	1,4-Dichlorobenzene-d4	6.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	95
3	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	91
4	Benzene, 1,2-propadienyl-		116	C9H8	002327-99-3	91
5	Benzene,1-ethynyl-2-methyl-		116	C9H8	000766-47-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086400.D
Acq On : 23 Apr 2016 19:55
Operator : UM/SJ
Sample : H2640-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

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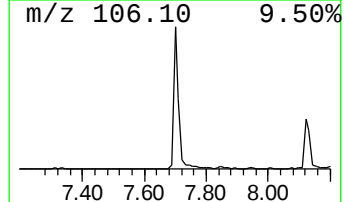
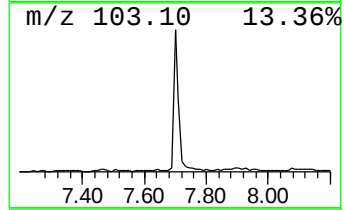
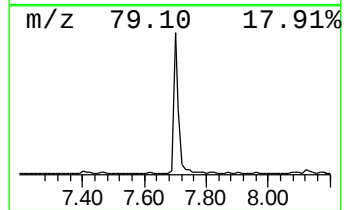
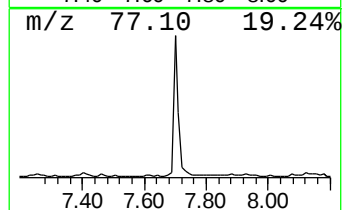
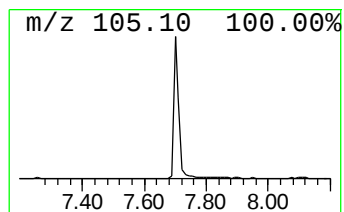
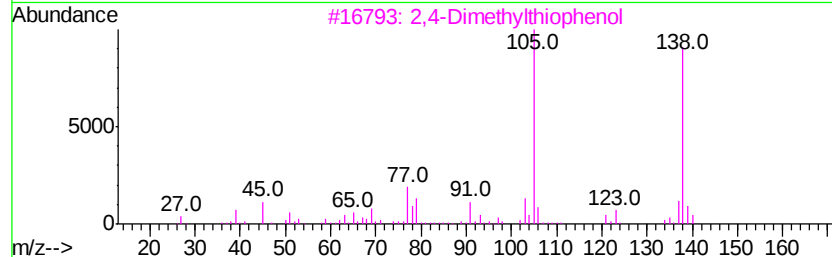
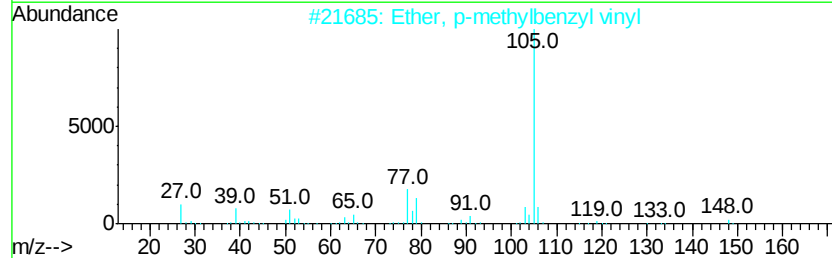
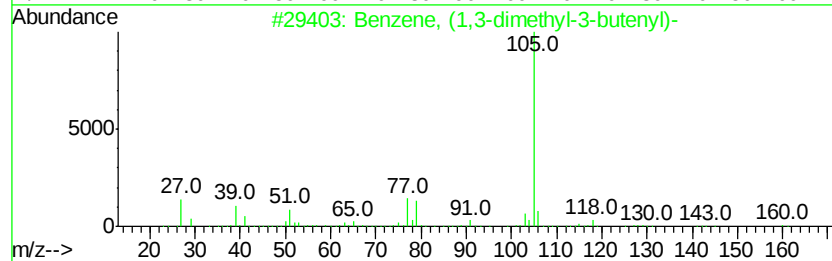
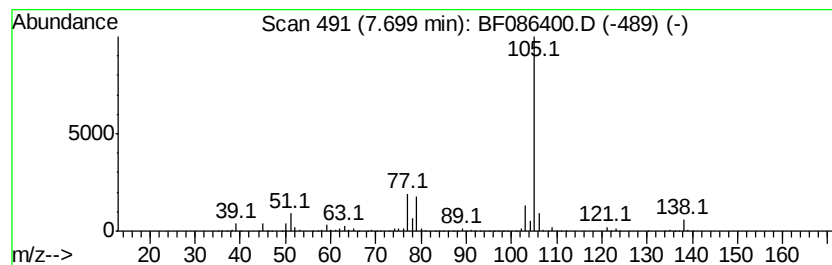
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (1,3-dimethyl-3-bu... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	13.41 ng	1020160	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	78
2		Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	78
3		2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	72
4		3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	72
5		Benzene, 1,1'-(1-methyl-1,2-etha...	196	C15H16	005814-85-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086400.D
Acq On : 23 Apr 2016 19:55
Operator : UM/SJ
Sample : H2640-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WPG-B7(0-6)-C

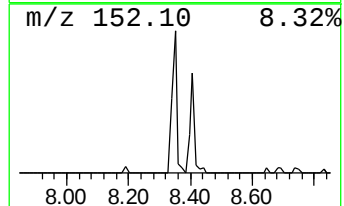
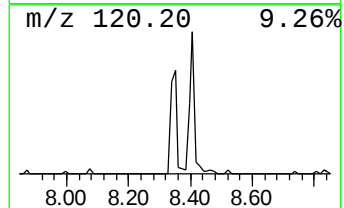
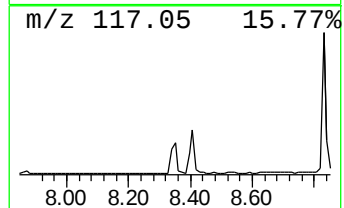
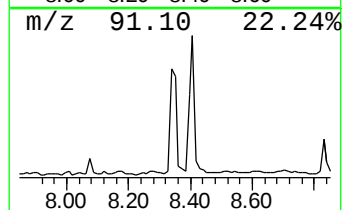
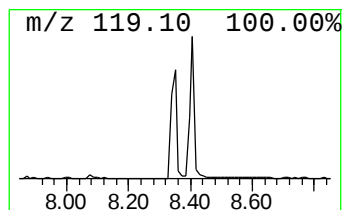
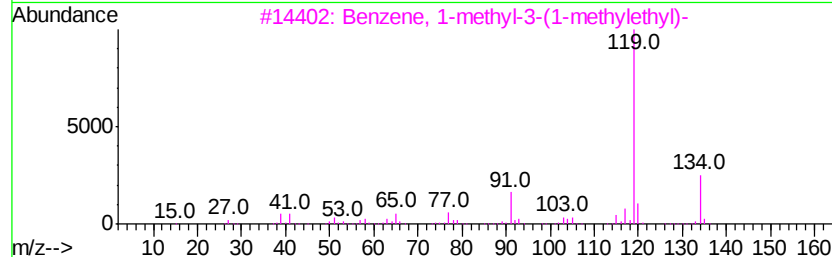
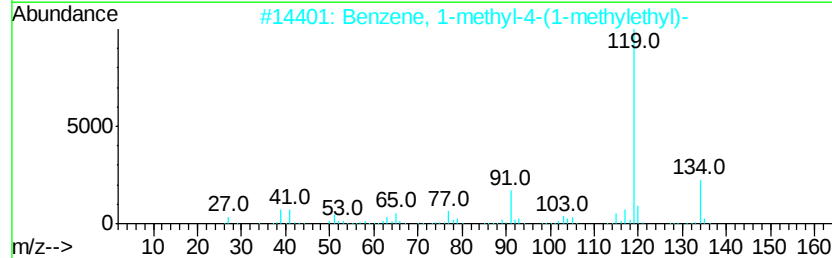
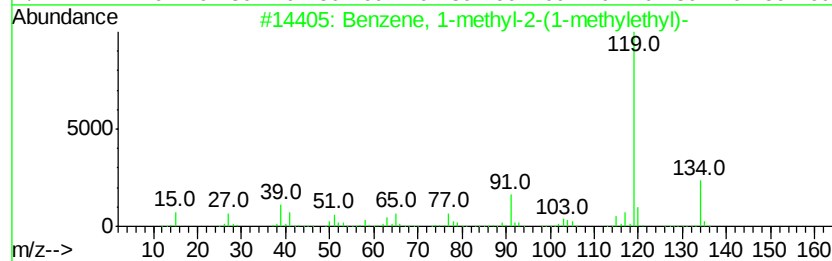
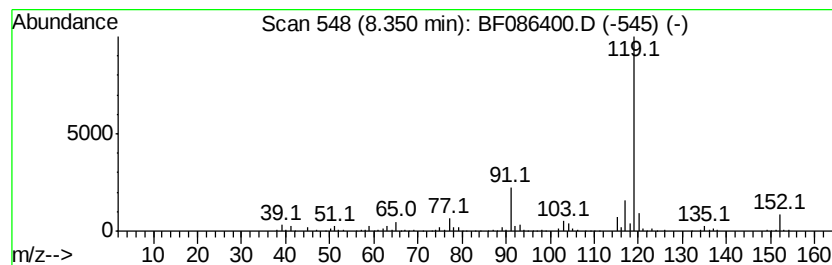
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-2-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	5.88 ng	447461	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	87
2		Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	83
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	83
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086400.D
Acq On : 23 Apr 2016 19:55
Operator : UM/SJ
Sample : H2640-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

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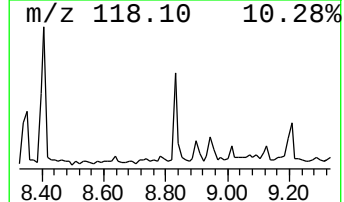
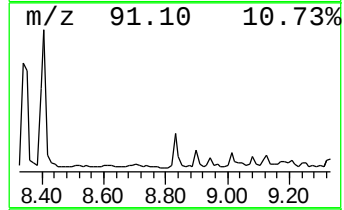
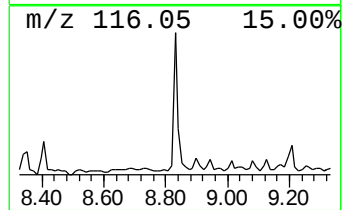
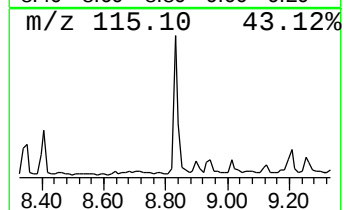
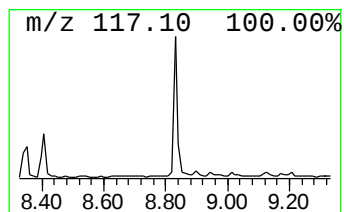
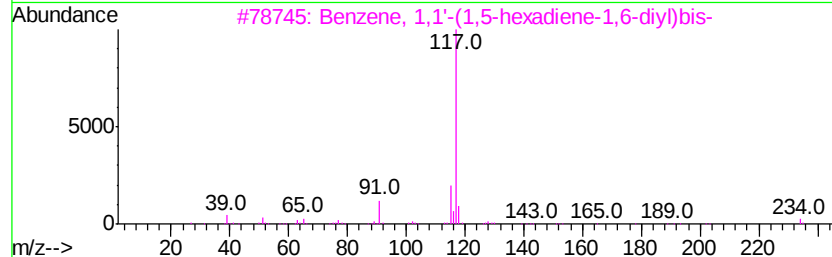
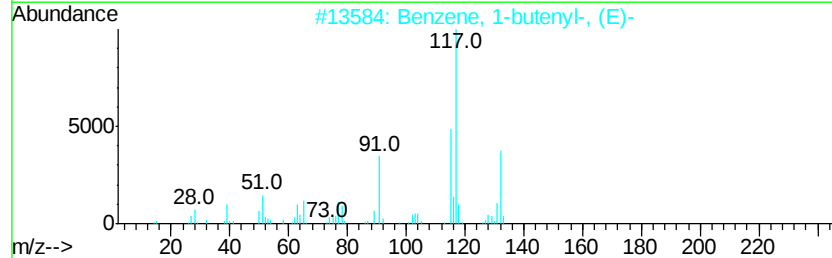
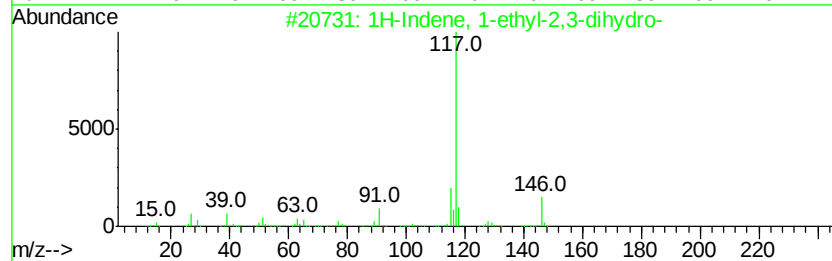
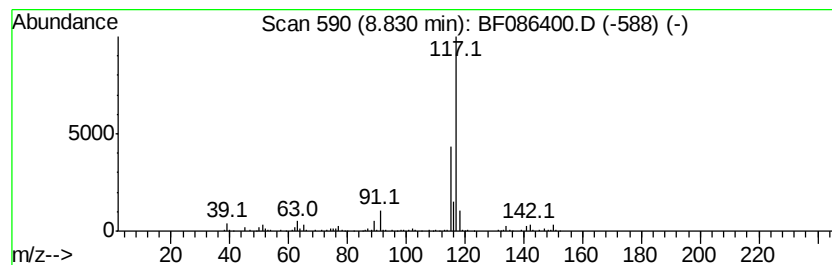
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 1-ethyl-2,3-dihy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	3.58 ng	272465	Napthalene-d8	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	59
2			Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	56
3			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
4			2,4-Dicyanopyrrole	117	C6H3N3	074023-87-3	43
5			m-Aminophenylacetylene	117	C8H7N	054060-30-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086400.D
Acq On : 23 Apr 2016 19:55
Operator : UM/SJ
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Misc :
ALS Vial : 44 Sample Multiplier: 1

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ClientSampleId :
WPG-B7(0-6)-C

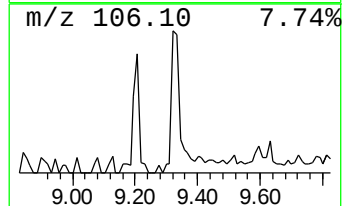
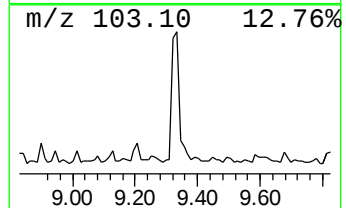
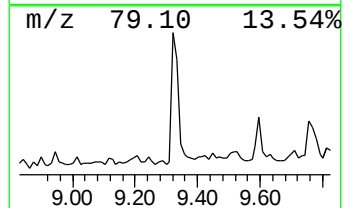
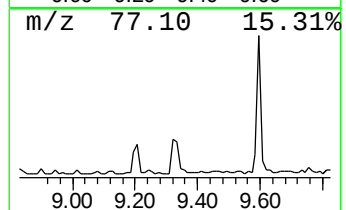
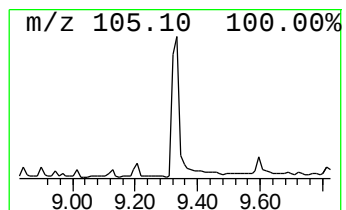
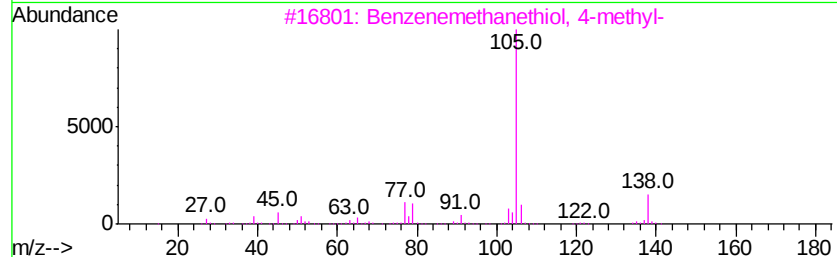
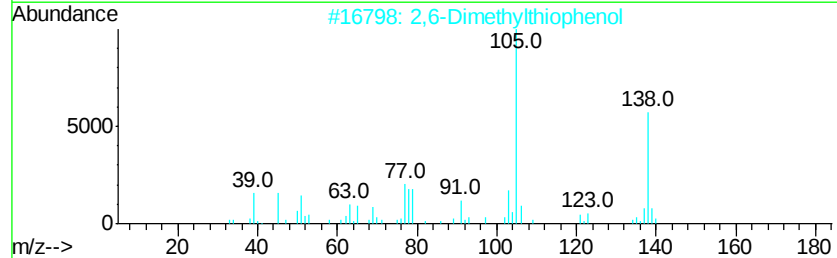
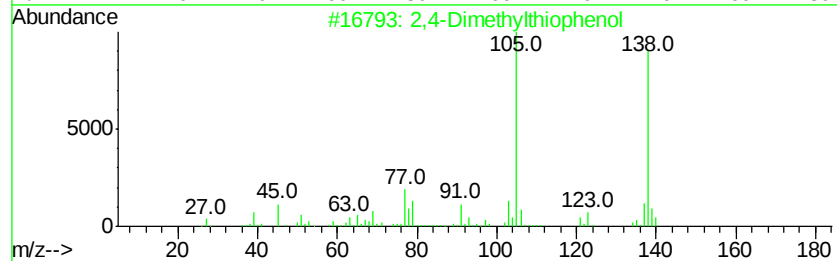
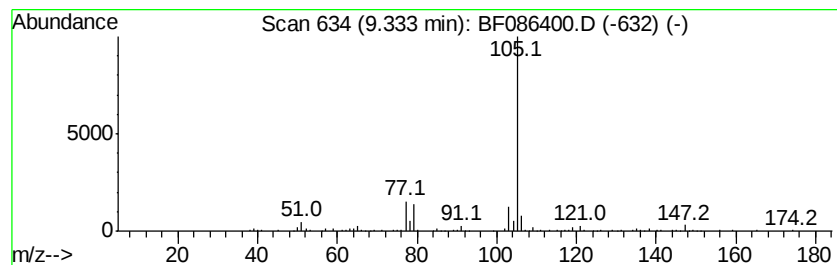
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,4-Dimethylthiophenol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	4.27 ng	300823	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
2		2,6-Dimethylthiophenol	138	C8H10S	000118-72-9	78
3		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
4		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	72
5		Benzene, 1-(chloromethyl)-3-methyl-	140	C8H9Cl	000620-19-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086400.D
Acq On : 23 Apr 2016 19:55
Operator : UM/SJ
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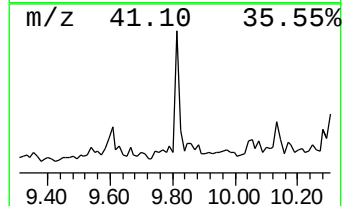
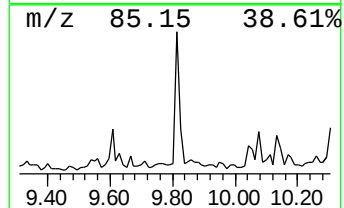
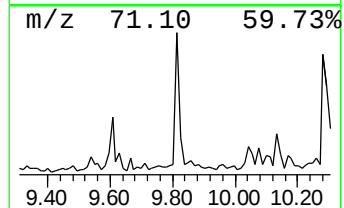
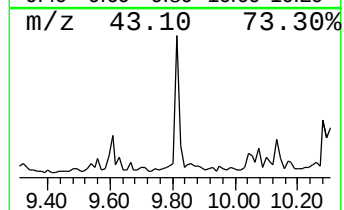
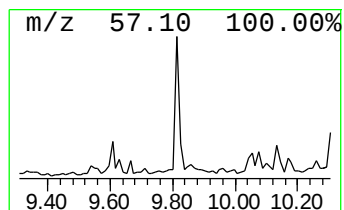
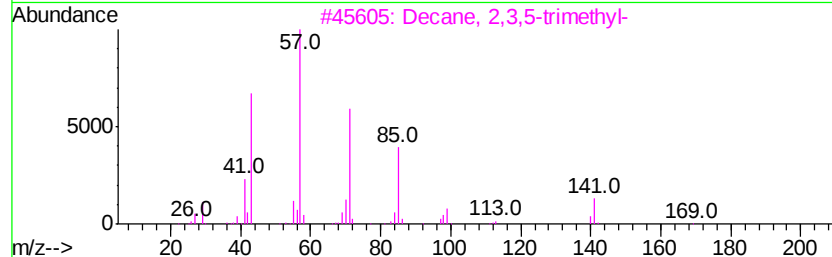
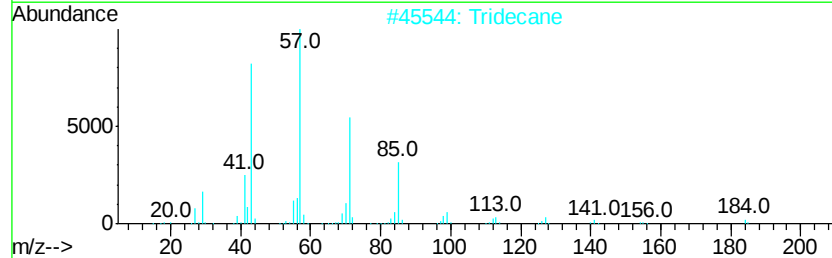
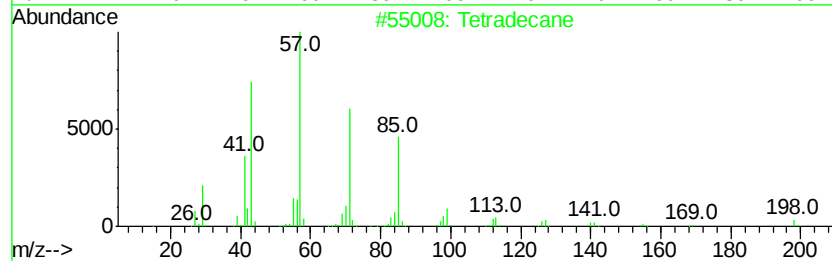
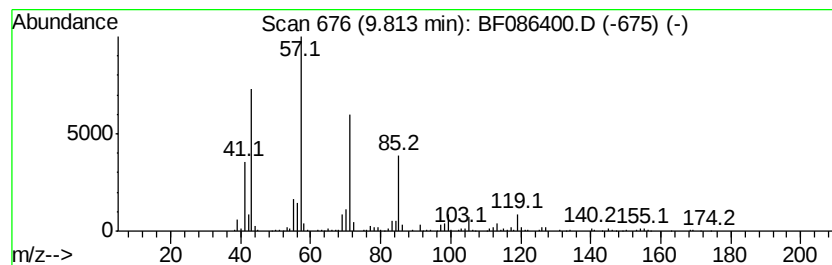
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	3.76 ng	265383	Acenaphthene-d10	9.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	86
2			Tridecane	184	C13H28	000629-50-5	86
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4			Decane, 3-methyl-	156	C11H24	013151-34-3	83
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086400.D
Acq On : 23 Apr 2016 19:55
Operator : UM/SJ
Sample : H2640-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

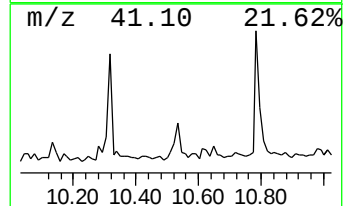
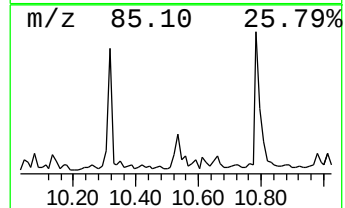
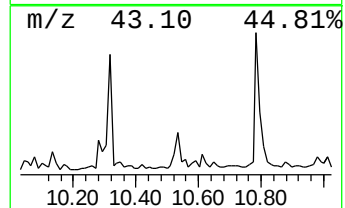
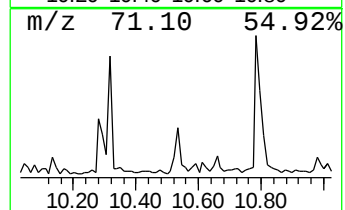
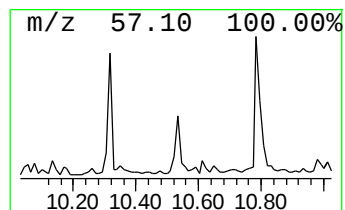
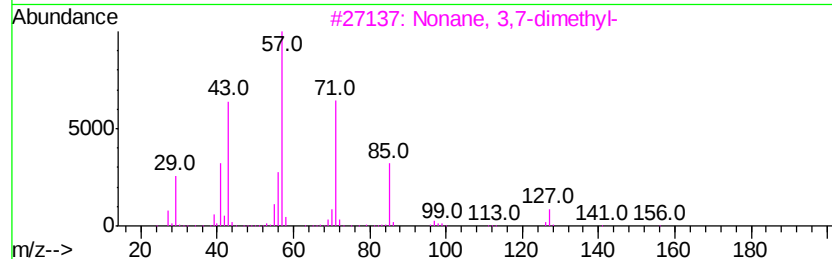
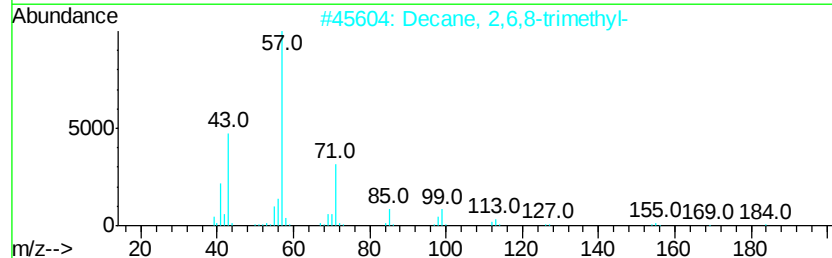
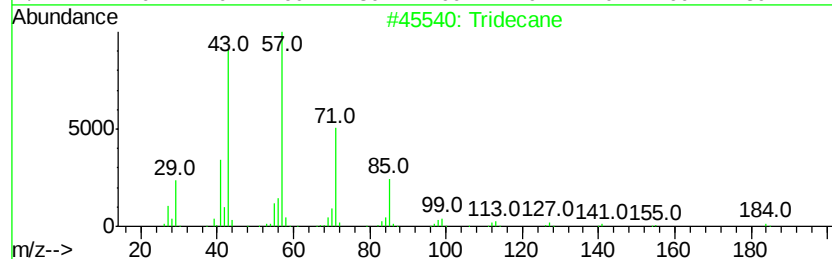
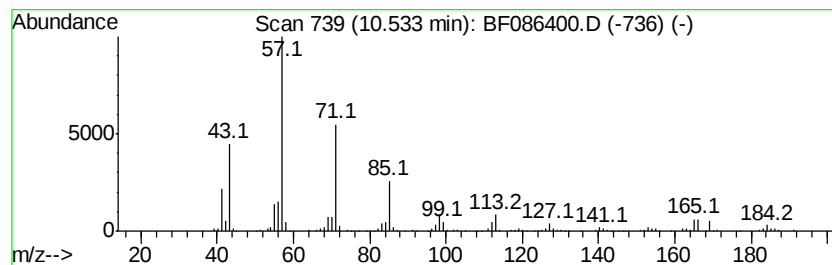
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.53	3.31 ng	233080	Acenaphthene-d10		9.88	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	74
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	62
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
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Acq On : 23 Apr 2016 19:55
Operator : UM/SJ
Sample : H2640-21
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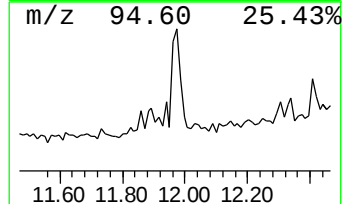
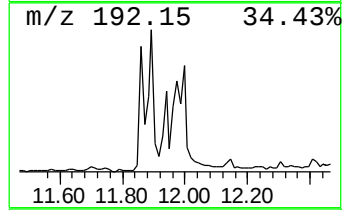
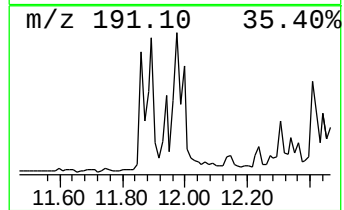
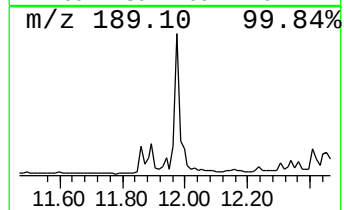
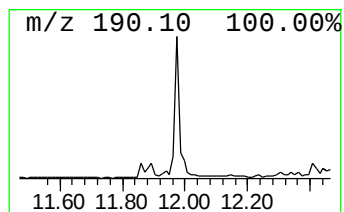
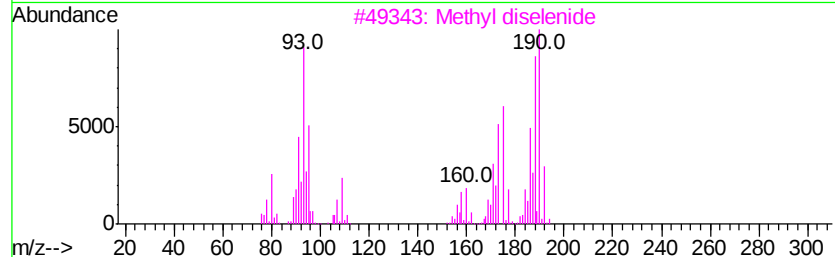
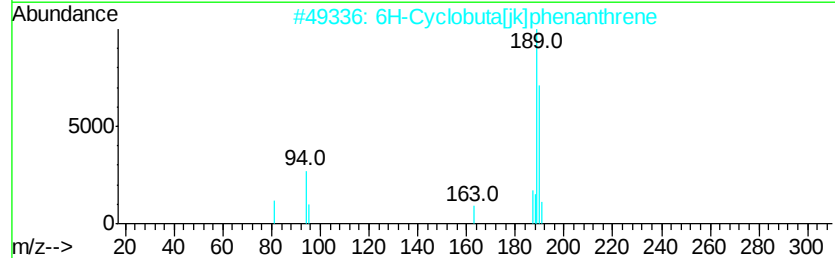
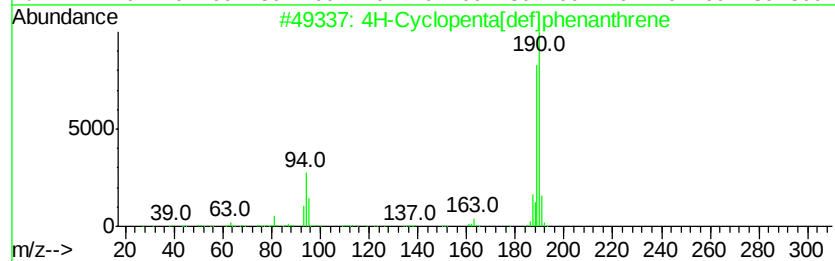
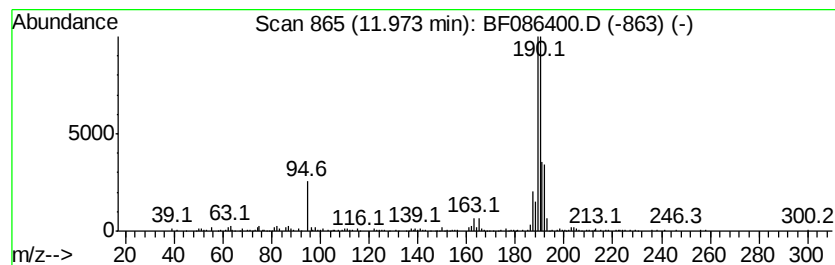
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	3.55 ng	318669	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	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086400.D
Acq On : 23 Apr 2016 19:55
Operator : UM/SJ
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ALS Vial : 44 Sample Multiplier: 1

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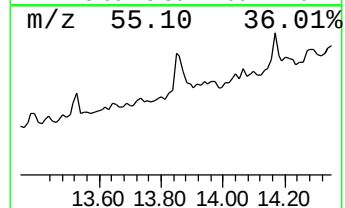
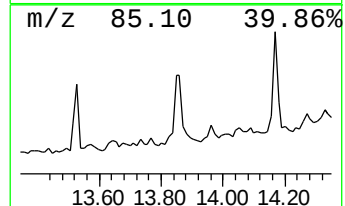
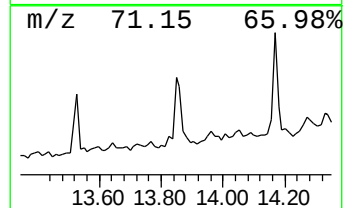
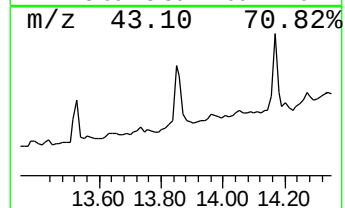
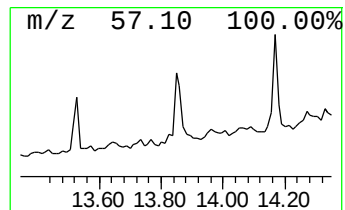
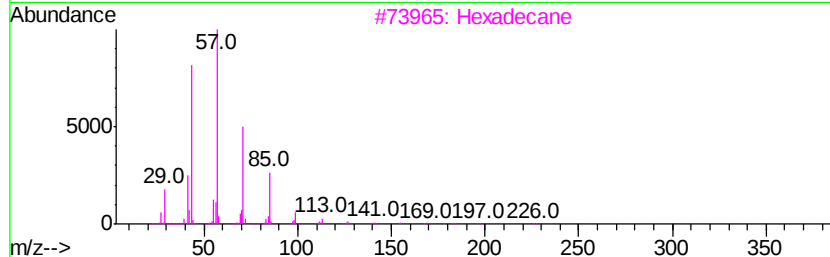
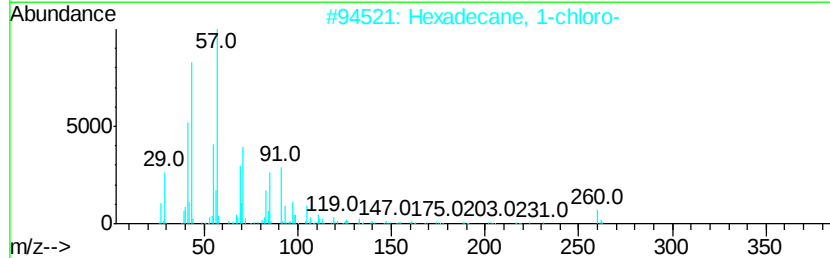
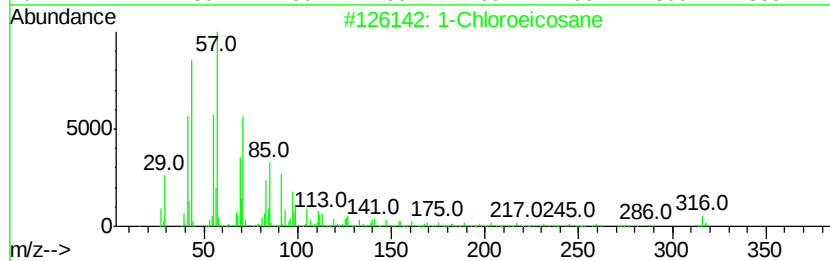
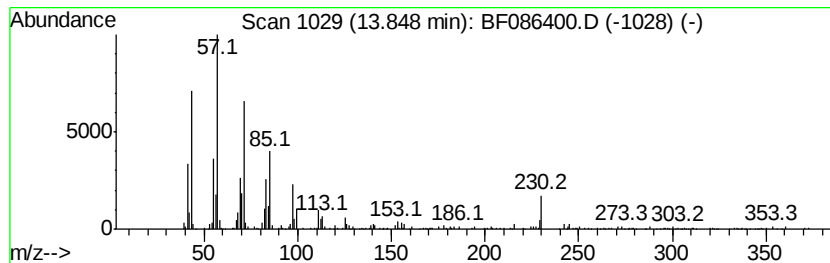
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Chloroeicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.39 ng	381101	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Chloroeicosane	316	C20H41Cl	042217-02-7	86
2		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	68
3		Hexadecane	226	C16H34	000544-76-3	64
4		Tricosane	324	C23H48	000638-67-5	60
5		Nonadecane	268	C19H40	000629-92-5	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086400.D
Acq On : 23 Apr 2016 19:55
Operator : UM/SJ
Sample : H2640-21
Misc :
ALS Vial : 44 Sample Multiplier: 1

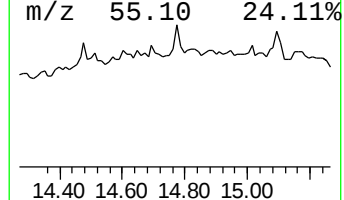
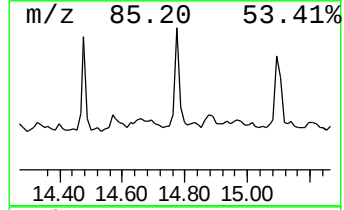
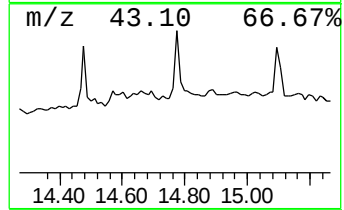
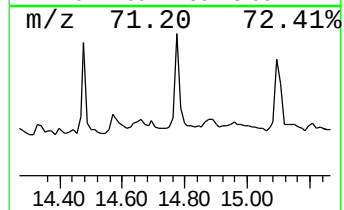
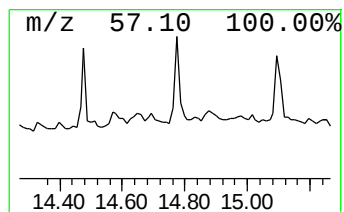
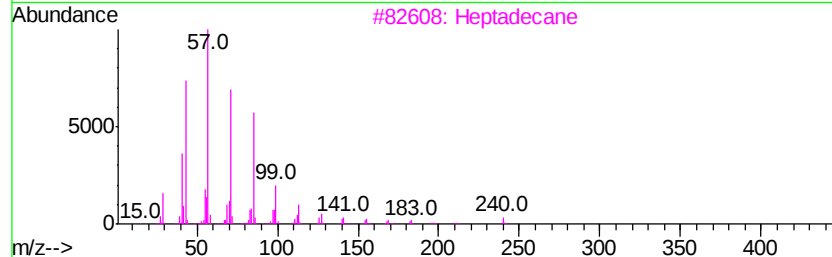
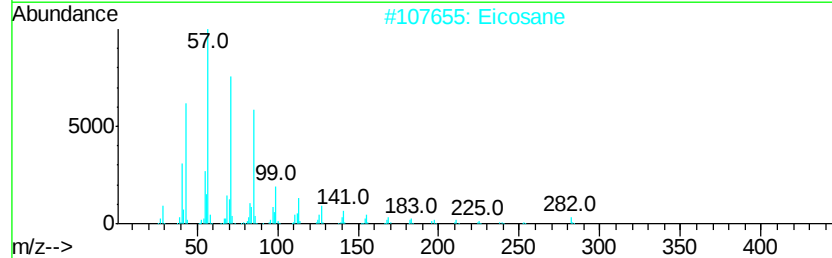
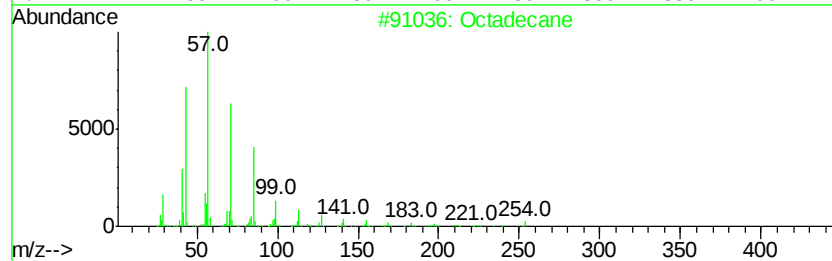
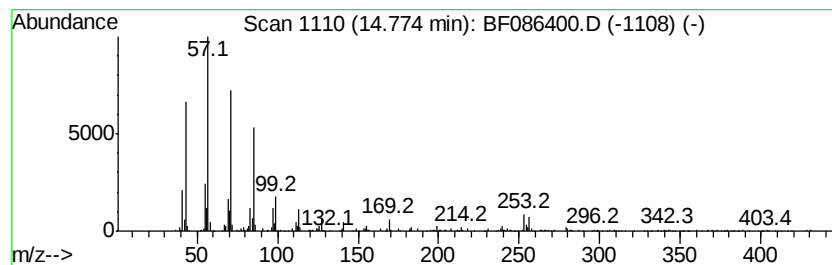
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	13.09 ng	303089	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	93
2	Eicosane	282 C20H42	000112-95-8	93
3	Heptadecane	240 C17H36	000629-78-7	93
4	Docosane, 9-butyl-	366 C26H54	055282-14-9	93
5	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086400.D
Acq On : 23 Apr 2016 19:55
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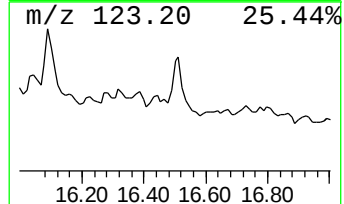
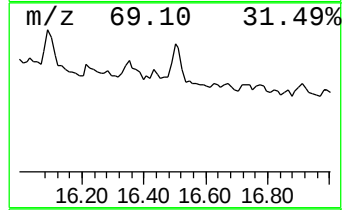
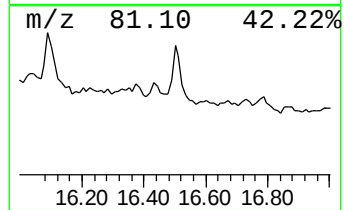
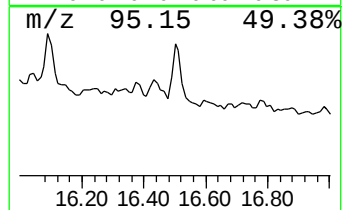
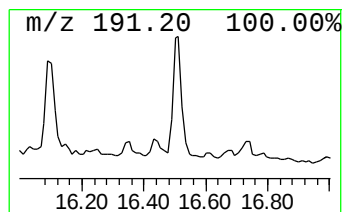
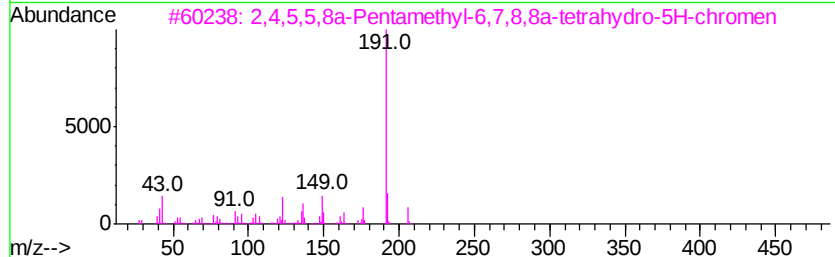
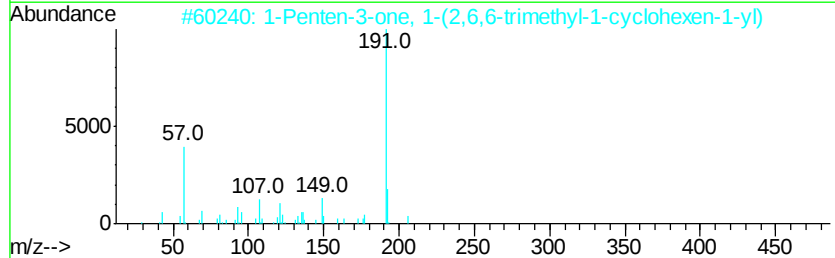
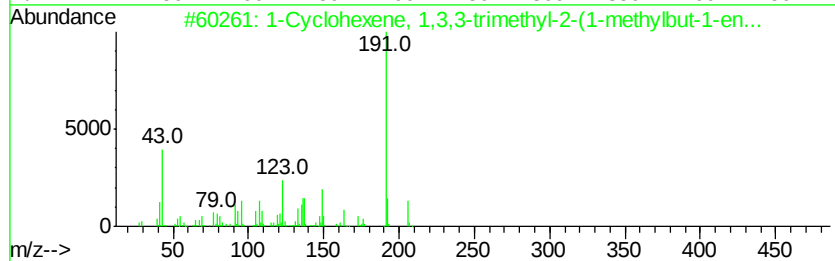
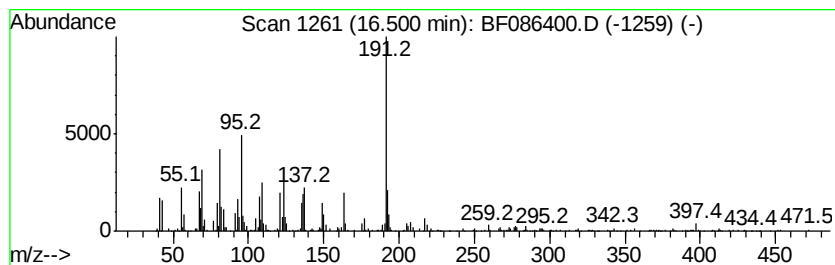
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.50 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	28.31 ng	655623	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	40
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	37
3		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	37
4		2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	35
5		28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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 Acq On : 23 Apr 2016 19:55
 Operator : UM/SJ
 Sample : H2640-21
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.01	19.3	ng	1144150	1	6.84	1183510	20.0
unknown6.61	6.61	65.8	ng	3894830	1	6.84	1183510	20.0
Benzene, 1-etheny...	6.68	5.8	ng	340079	1	6.84	1183510	20.0
Benzene, 1-etheny...	6.72	4.2	ng	245570	1	6.84	1183510	20.0
Indene	7.10	4.9	ng	288970	1	6.84	1183510	20.0
Benzene, (1,3-dim...	7.70	13.4	ng	1020160	2	8.12	1522000	20.0
Benzene, 1-methyl...	8.35	5.9	ng	447461	2	8.12	1522000	20.0
1H-Indene, 1-ethy...	8.83	3.6	ng	272465	2	8.12	1522000	20.0
2,4-Dimethylthiop...	9.33	4.3	ng	300823	3	9.88	1410200	20.0
Tetradecane	9.81	3.8	ng	265383	3	9.88	1410200	20.0
Tridecane	10.53	3.3	ng	233080	3	9.88	1410200	20.0
4H-Cyclopenta[def...	11.97	3.5	ng	318669	4	11.36	1796690	20.0
1-Chloroeicosane	13.85	3.4	ng	381101	5	14.00	2247630	20.0
Octadecane	14.77	13.1	ng	303089	6	15.43	463254	20.0
unknown16.50	16.50	28.3	ng	655623	6	15.43	463254	20.0