

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084742.D
 Acq On : 2 Feb 2016 6:32
 Operator : SJ/IZ
 Sample : H1295-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW006

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-BF020116.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	4.167	180	182	187	rBV	246426	306861	6.43%	0.442%
2	4.875	241	244	247	rBV	2356960	3746354	78.51%	5.401%
3	5.310	280	282	285	rBV	3374935	4239059	88.84%	6.112%
4	5.710	315	317	320	rBV	276827	245766	5.15%	0.354%
5	6.373	371	375	377	rBV	3407374	4731756	99.17%	6.822%
6	6.487	382	385	387	rBV	4347911	4771597	100.00%	6.880%
7	6.716	402	405	407	rBV	924200	1254463	26.29%	1.809%
8	6.864	416	418	421	rVB	3229319	3036825	63.64%	4.378%
9	7.276	451	454	457	rBV	2120493	2929874	61.40%	4.224%
10	7.390	460	464	469	rVB	35335	57948	1.21%	0.084%
11	7.744	492	495	499	rBV3	39639	52362	1.10%	0.075%
12	7.996	515	517	521	rBV	1896628	1866437	39.12%	2.691%
13	8.704	577	579	581	rBV	46456	63998	1.34%	0.092%
14	8.807	586	588	590	rVB	72863	61155	1.28%	0.088%
15	9.082	609	612	614	rBV	4286701	4507946	94.47%	6.500%
16	9.173	614	620	621	rBV2	38785	70092	1.47%	0.101%
17	9.333	632	634	637	rBV	40411	59158	1.24%	0.085%
18	9.413	638	641	642	rVV	79060	91074	1.91%	0.131%
19	9.482	644	647	649	rVV	513432	706593	14.81%	1.019%
20	9.527	649	651	654	rVV	44303	68908	1.44%	0.099%
21	9.607	656	658	660	rBV	62875	65060	1.36%	0.094%
22	9.699	664	666	668	rBV	72964	112791	2.36%	0.163%
23	9.745	668	670	672	rVV	1316137	1887696	39.56%	2.722%
24	9.779	672	673	675	rVB	274136	232801	4.88%	0.336%
25	9.905	682	684	686	rBV2	37861	65541	1.37%	0.094%
26	9.950	686	688	690	rVV	218001	191171	4.01%	0.276%
27	10.065	696	698	700	rBV3	40909	63252	1.33%	0.091%
28	10.156	704	706	707	rBV	46255	67383	1.41%	0.097%
29	10.190	707	709	711	rVB	152868	144040	3.02%	0.208%
30	10.293	716	718	720	rBV	295180	240298	5.04%	0.346%
31	10.362	721	724	727	rBV3	54127	145847	3.06%	0.210%
32	10.407	727	728	731	rVB2	53914	64509	1.35%	0.093%
33	10.453	731	732	734	rVB	94642	86914	1.82%	0.125%
34	10.533	737	739	742	rBV2	2277089	3161611	66.26%	4.558%

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Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.659	749	750	754	rVB	162018	218095	4.57%	0.314%
36	10.842	762	766	767	rBV2	72295	121355	2.54%	0.175%
37	10.922	771	773	774	rVB	42837	48061	1.01%	0.069%
38	10.968	774	777	778	rBV3	48077	73749	1.55%	0.106%
39	11.036	781	783	785	rVB	170491	155377	3.26%	0.224%
40	11.128	785	791	797	rBV3	150515	432894	9.07%	0.624%
41	11.230	797	800	801	rBV	2044486	1983832	41.58%	2.860%
42	11.253	801	802	804	rVV	2423103	1904104	39.90%	2.745%
43	11.299	804	806	808	rVB	409463	472020	9.89%	0.681%
44	11.345	808	810	812	rBV	34354	51359	1.08%	0.074%
45	11.459	818	820	824	rVB2	168100	218047	4.57%	0.314%
46	11.528	824	826	828	rBV2	62927	91415	1.92%	0.132%
47	11.562	828	829	832	rVB2	79297	68314	1.43%	0.098%
48	11.642	833	836	838	rVB2	59387	87240	1.83%	0.126%
49	11.733	841	844	845	rBV	313266	340579	7.14%	0.491%
50	11.756	845	846	849	rVV2	425825	553574	11.60%	0.798%
51	11.802	849	850	852	rVV	313289	276391	5.79%	0.398%
52	11.836	852	853	858	rVB	403271	650113	13.62%	0.937%
53	11.950	858	863	866	rBV5	73954	267445	5.60%	0.386%
54	12.030	867	870	871	rBV	158955	230250	4.83%	0.332%
55	12.099	875	876	878	rBV	48746	58591	1.23%	0.084%
56	12.179	880	883	884	rBV2	76561	121865	2.55%	0.176%
57	12.282	890	892	893	rBV	185656	209085	4.38%	0.301%
58	12.316	893	895	898	rVV2	109893	182292	3.82%	0.263%
59	12.362	898	899	902	rVB2	162730	161341	3.38%	0.233%
60	12.442	903	906	908	rBV	2159941	2058680	43.14%	2.968%
61	12.499	908	911	913	rBV3	43581	82899	1.74%	0.120%
62	12.579	915	918	921	rBV3	82934	232689	4.88%	0.335%
63	12.671	922	926	927	rVV	1391631	2310180	48.42%	3.331%
64	12.728	927	931	933	rVB2	126459	250091	5.24%	0.361%
65	12.785	934	936	937	rBV	122030	128924	2.70%	0.186%
66	12.819	937	939	941	rVV	3549005	3372093	70.67%	4.862%
67	12.876	941	944	947	rVV	728554	841006	17.63%	1.213%
68	12.991	951	954	956	rVB2	221395	344581	7.22%	0.497%
69	13.059	958	960	961	rVV	136550	117456	2.46%	0.169%
70	13.093	961	963	967	rVB2	168619	210263	4.41%	0.303%
71	13.185	969	971	973	rBV	97633	106113	2.22%	0.153%

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72	13.219	973	974	976	rVB	113220	95640	2.00%	0.138%
73	13.299	979	981	984	rVB3	136140	196334	4.11%	0.283%
74	13.356	984	986	988	rBV	297865	339035	7.11%	0.489%
75	13.505	996	999	1002	rVB	95791	172559	3.62%	0.249%
76	13.608	1006	1008	1009	rBV	165687	182814	3.83%	0.264%
77	13.722	1016	1018	1021	rVB2	406875	519442	10.89%	0.749%
78	13.859	1027	1030	1035	rBV2	1546336	2776474	58.19%	4.003%
79	13.962	1037	1039	1041	rBV2	98092	109114	2.29%	0.157%
80	14.248	1062	1064	1065	rBV	129286	118972	2.49%	0.172%
81	14.716	1102	1105	1106	rBV2	170519	245771	5.15%	0.354%
82	14.865	1115	1118	1121	rBV	569429	1033063	21.65%	1.489%
83	15.128	1139	1141	1144	rVB2	267491	463436	9.71%	0.668%
84	15.197	1144	1147	1149	rBV	396373	644000	13.50%	0.929%
85	15.254	1149	1152	1154	rBV	722431	1047752	21.96%	1.511%
86	15.368	1160	1162	1165	rBV3	202468	254679	5.34%	0.367%
87	15.871	1203	1206	1214	rVB	370674	871497	18.26%	1.257%
88	16.248	1237	1239	1245	rVB	438046	873756	18.31%	1.260%
89	16.557	1263	1266	1270	rVB2	214427	409872	8.59%	0.591%
90	16.762	1281	1284	1287	rVB2	150511	254545	5.33%	0.367%
91	16.945	1297	1300	1304	rVB	179038	319720	6.70%	0.461%

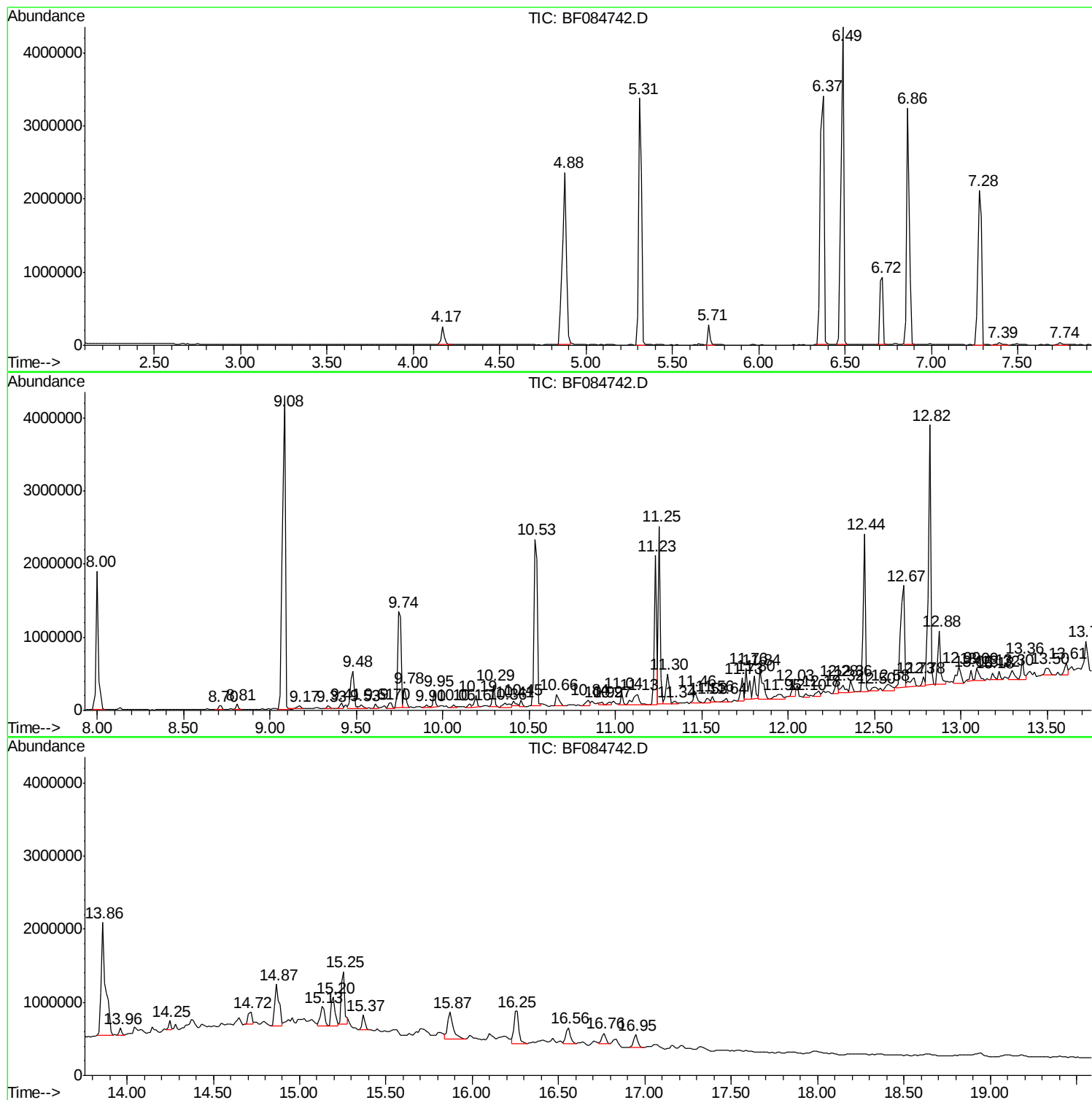
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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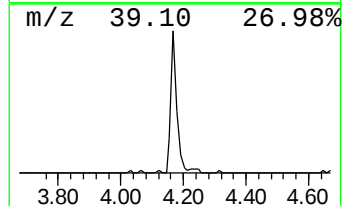
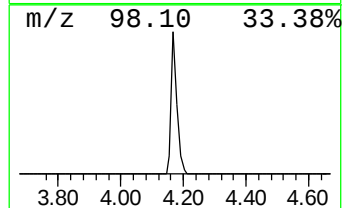
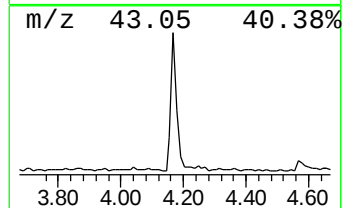
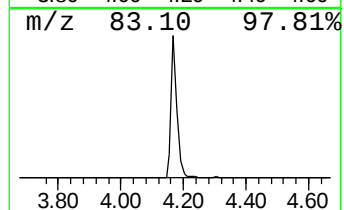
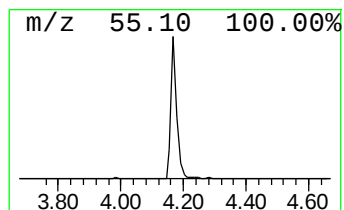
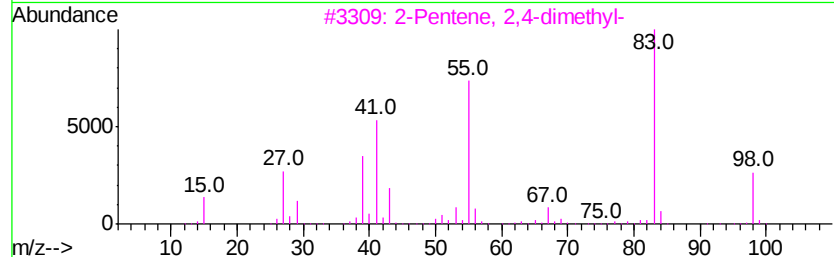
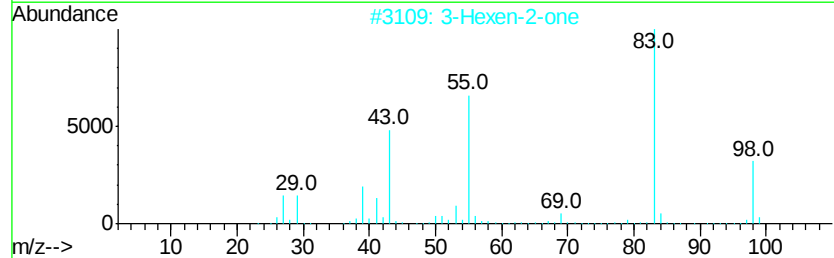
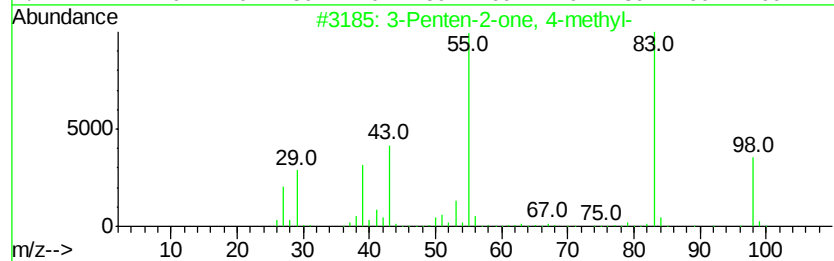
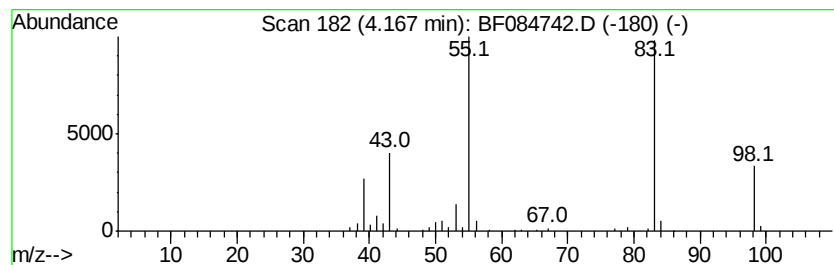
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	4.89 ng	306861	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2			3-Hexen-2-one	98	C6H10O	000763-93-9	87
3			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86



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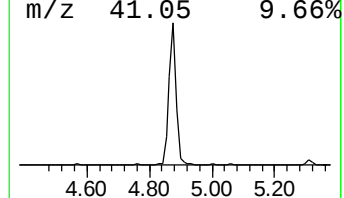
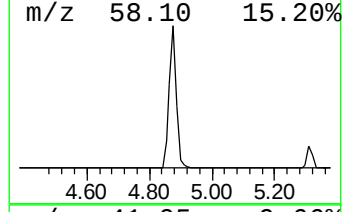
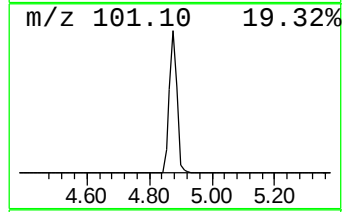
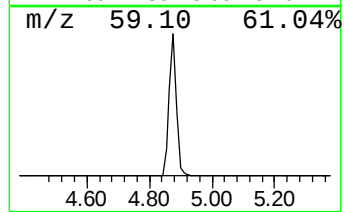
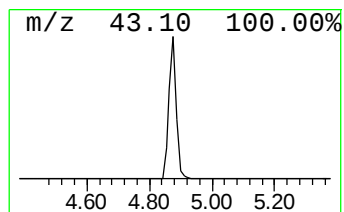
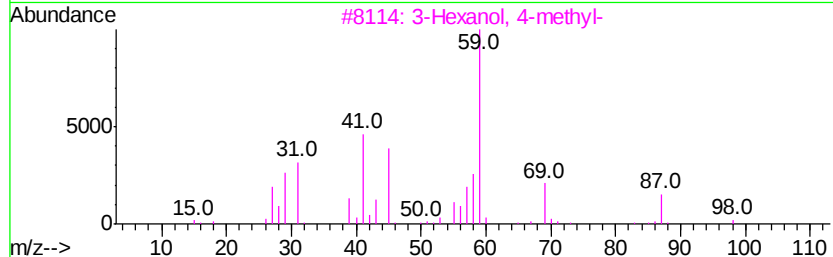
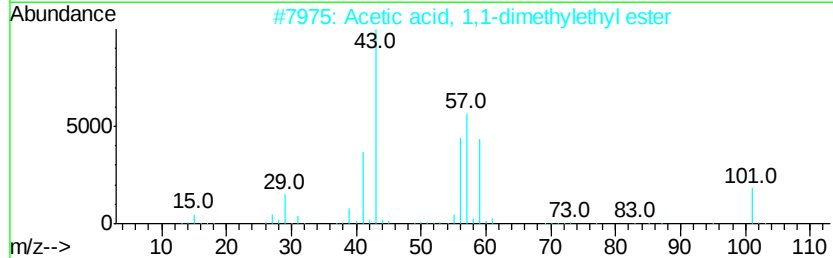
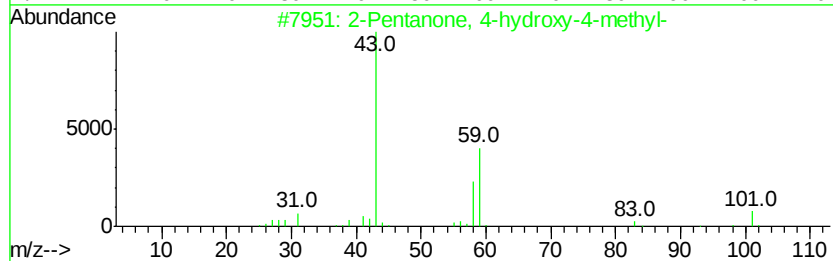
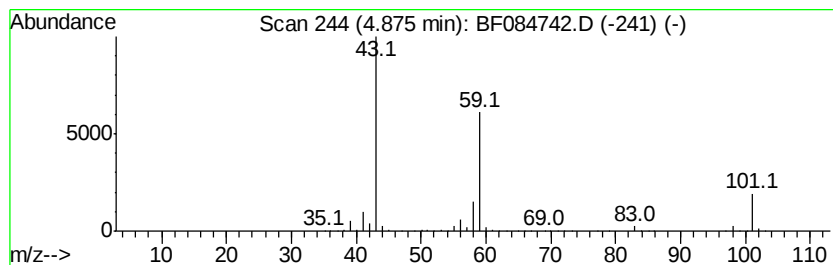
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
4.88	59.73 ng	3746350	1,4-Dichlorobenzene-d4	6.72		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2		000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O		000615-29-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2		000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO		000109-02-4	9



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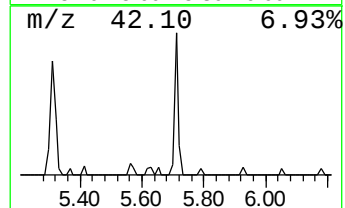
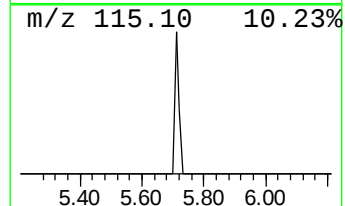
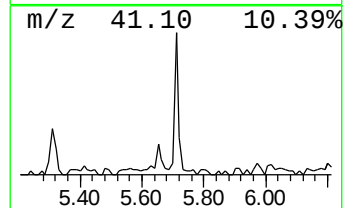
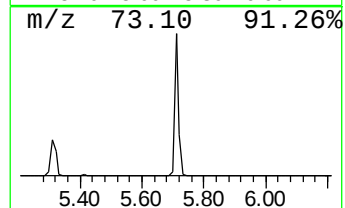
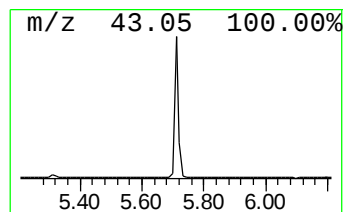
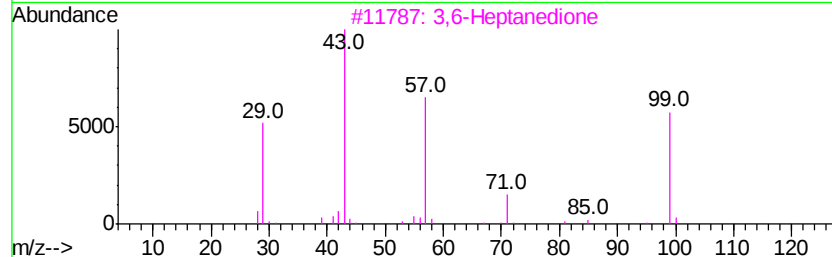
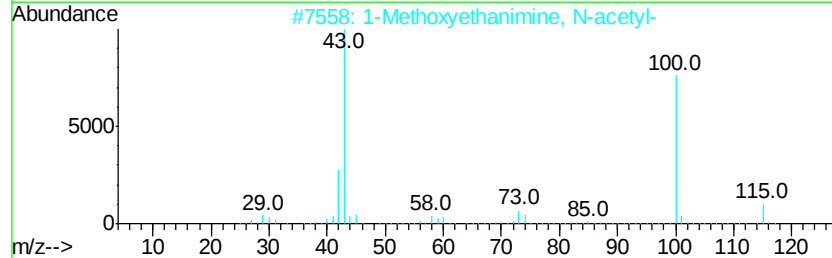
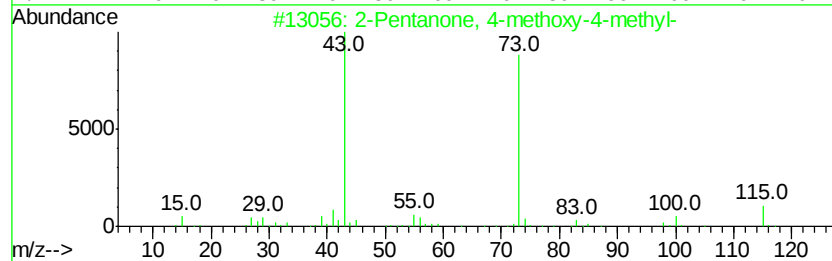
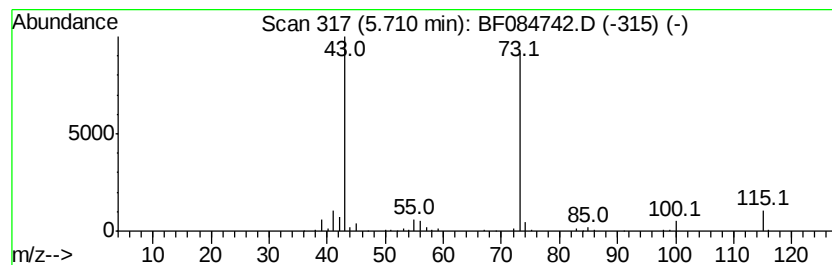
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	3.92 ng	245766	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2			1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	25
3			3,6-Heptanedione	128	C7H12O2	001703-51-1	23
4			1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	16
5			N-Formylmorpholine	115	C5H9NO2	004394-85-8	10



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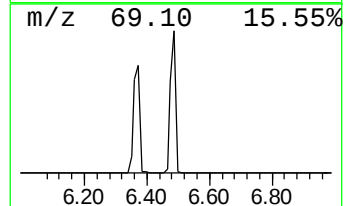
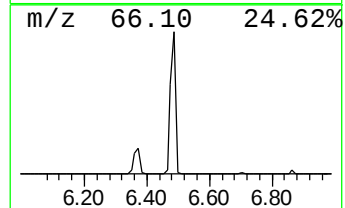
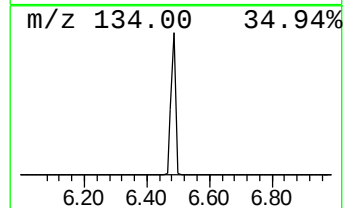
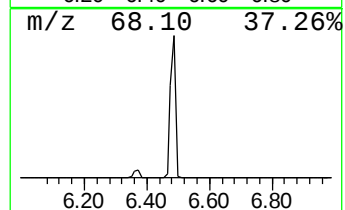
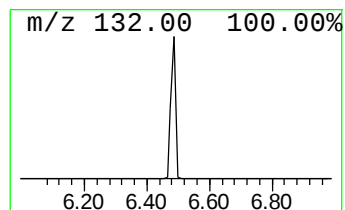
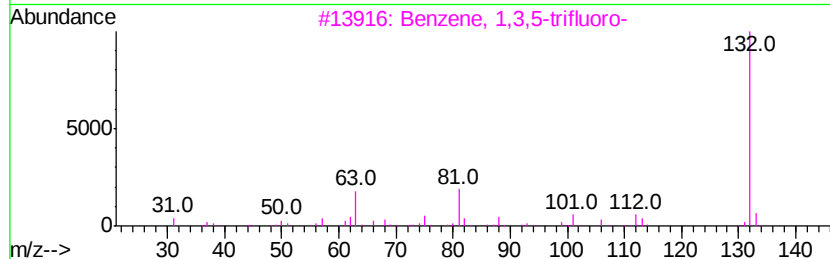
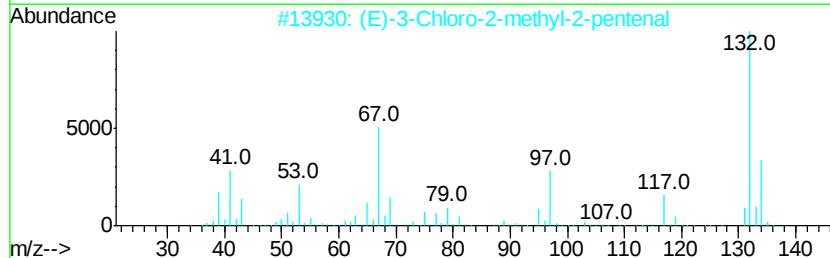
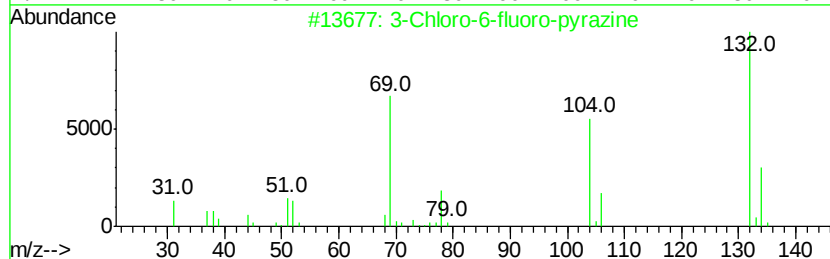
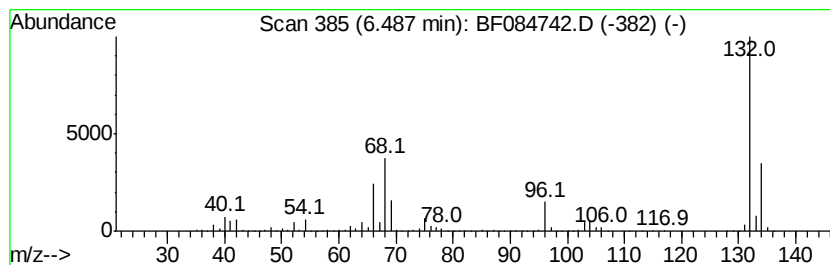
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	76.07 ng	4771600	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084742.D
Acq On : 2 Feb 2016 6:32
Operator : SJ/IZ
Sample : H1295-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

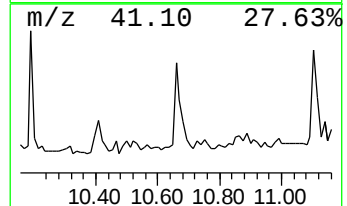
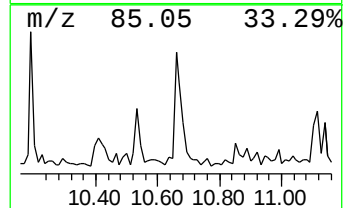
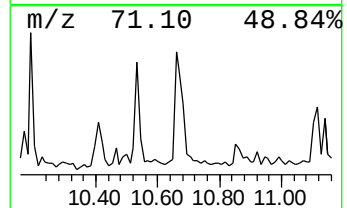
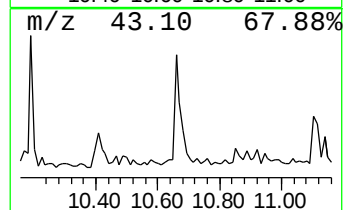
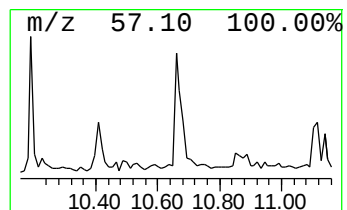
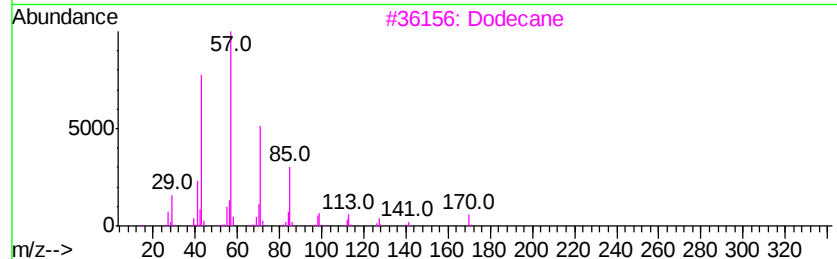
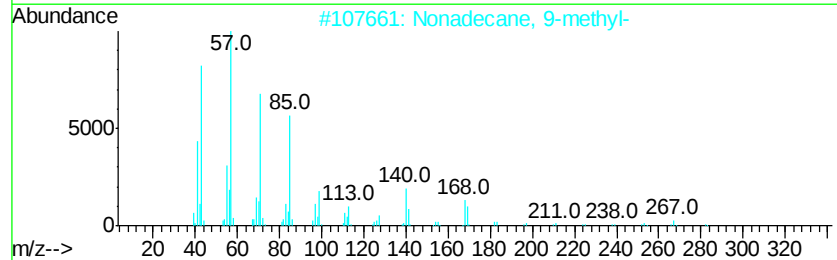
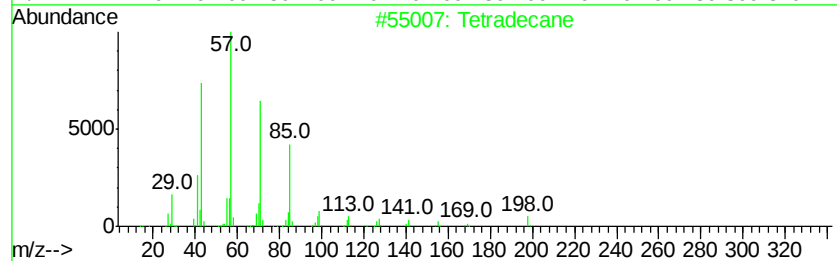
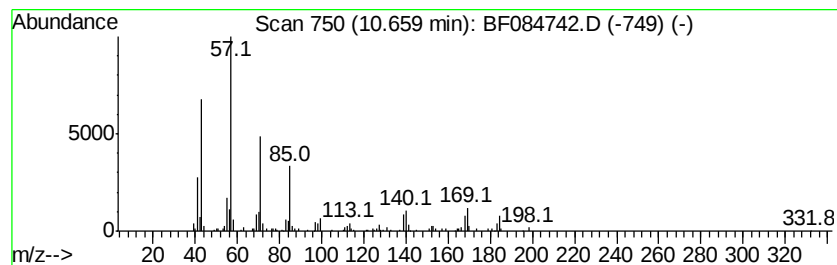
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	2.20 ng	218095	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
3	Dodecane	170	C12H26	000112-40-3	64
4	5-Ethyldecane	170	C12H26	017302-36-2	64
5	Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084742.D
Acq On : 2 Feb 2016 6:32
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Sample : H1295-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

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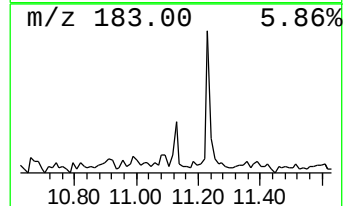
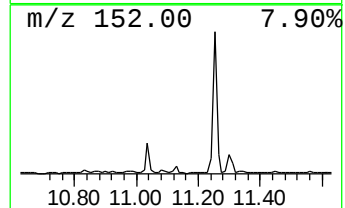
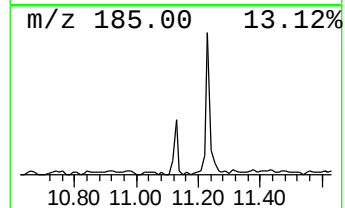
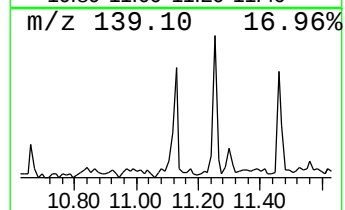
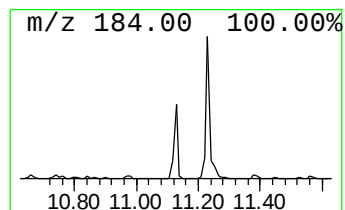
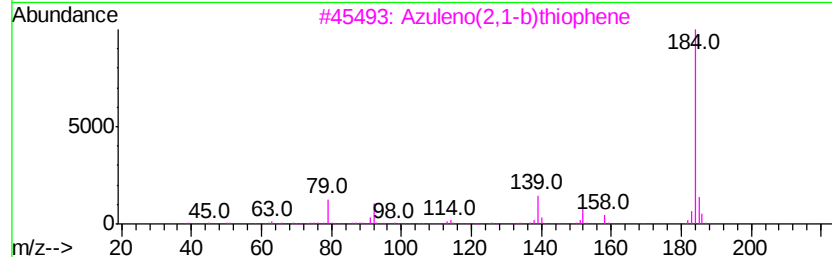
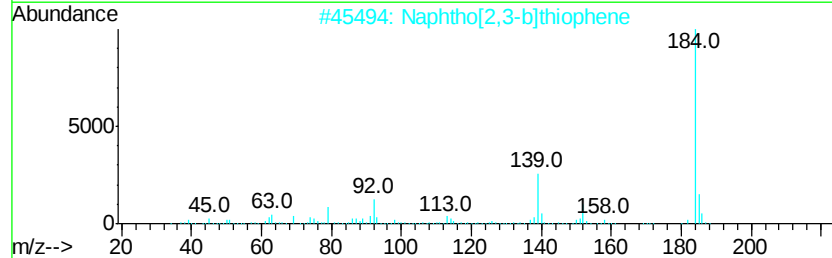
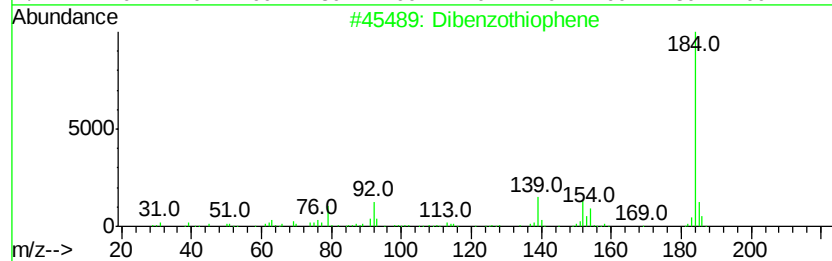
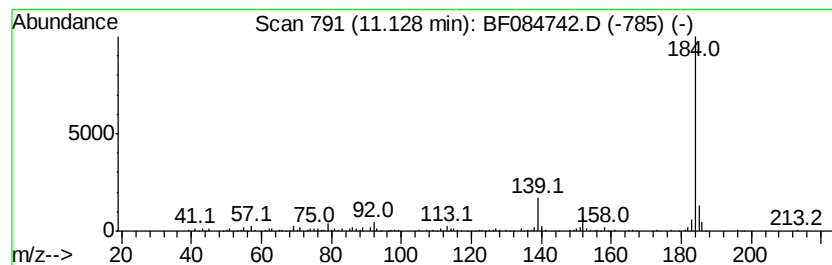
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	4.36 ng	432894	Phenanthrene-d10	11.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	94
2			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4			Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72
5			2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084742.D
Acq On : 2 Feb 2016 6:32
Operator : SJ/IZ
Sample : H1295-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

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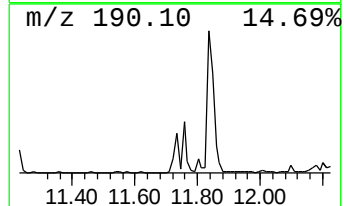
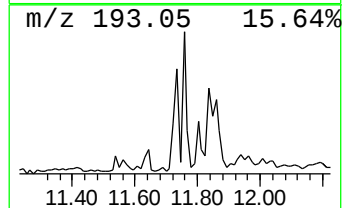
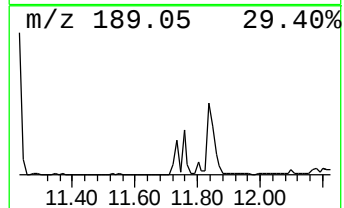
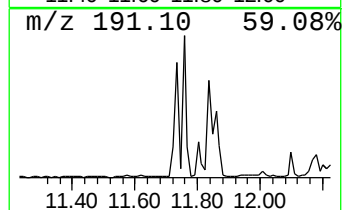
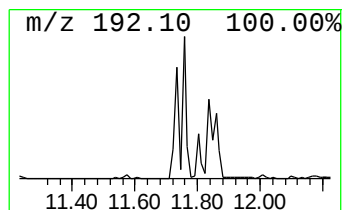
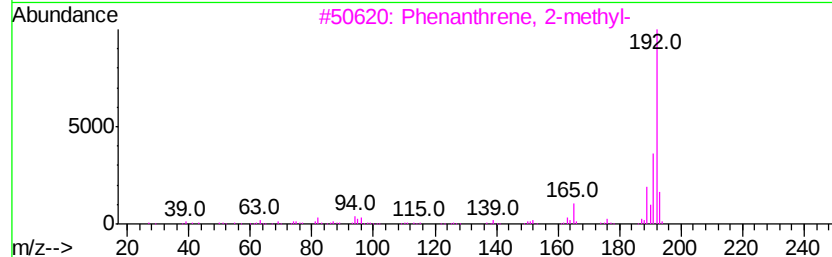
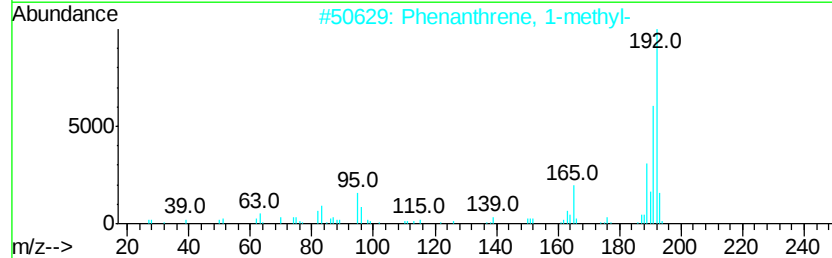
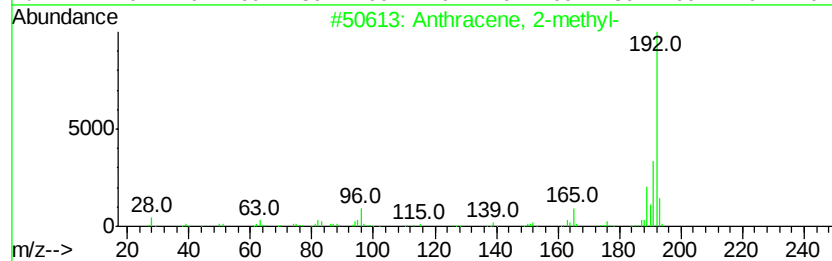
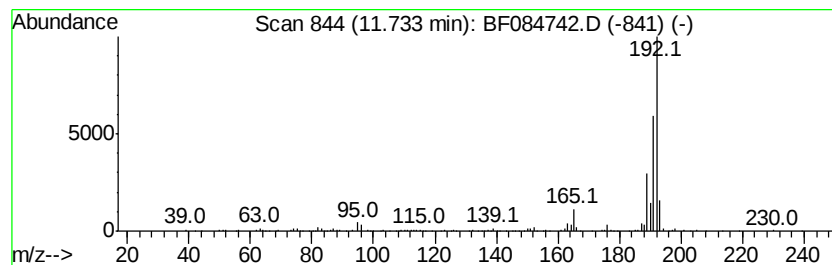
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	3.43 ng	340579	Phenanthrene-d10	11.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
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Operator : SJ/IZ
Sample : H1295-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

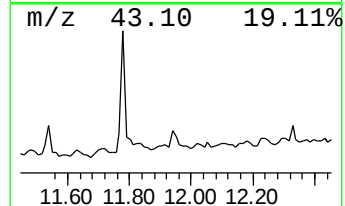
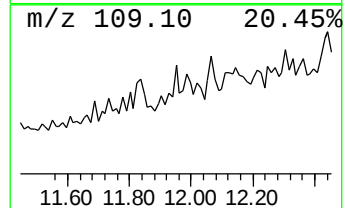
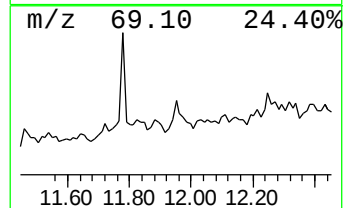
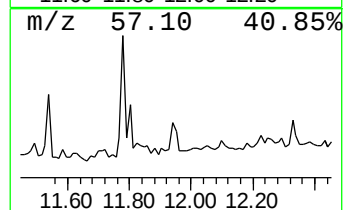
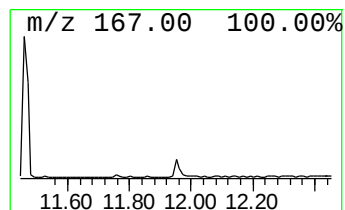
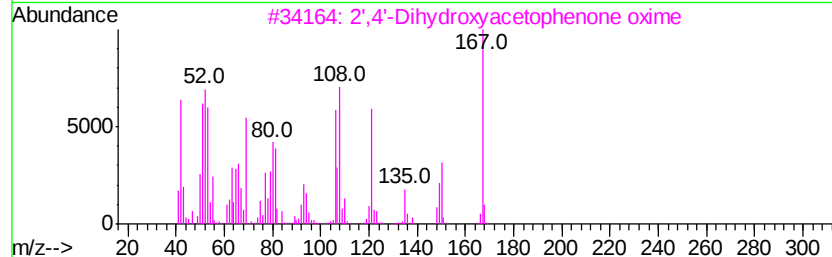
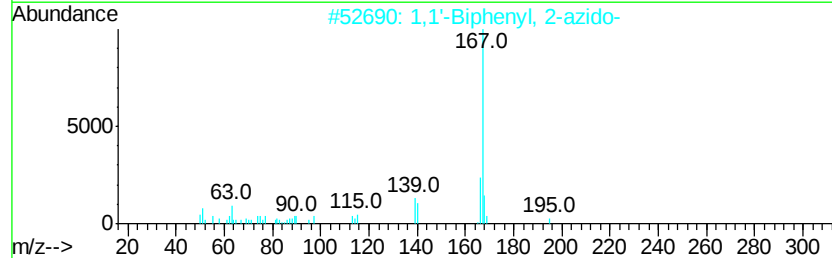
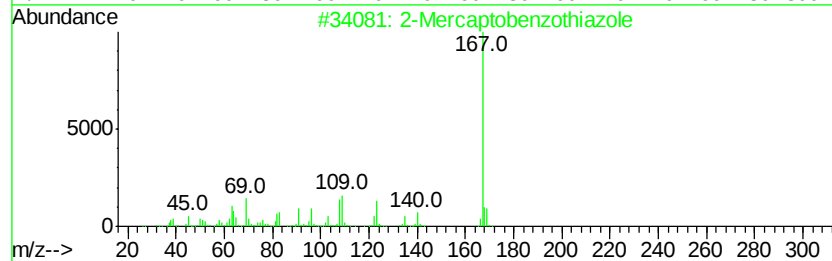
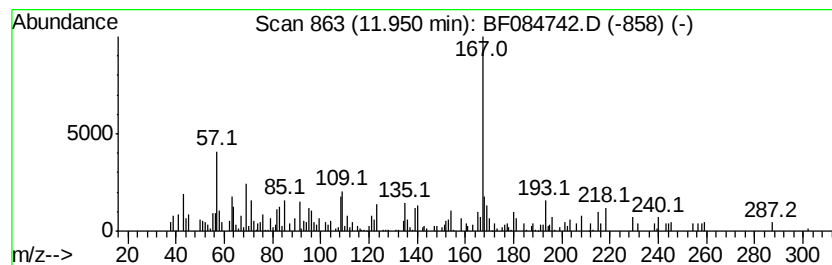
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Mercaptobenzothiazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.95	2.70 ng	267445	Phenanthrene-d10		11.23	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	64
2		1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	55
3		2',4'-Dihydroxyacetophenone oxime	167	C8H9NO3	1000212-89-5	55
4		2,4,6(1H,3H,5H)-Pyrimidinetrione...	196	C9H12N2O3	002373-84-4	49
5		1,3-Di(2-benzothiazolyl)-1,3-bis...	418	C17H14N4OS4	064216-20-2	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084742.D
Acq On : 2 Feb 2016 6:32
Operator : SJ/IZ
Sample : H1295-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

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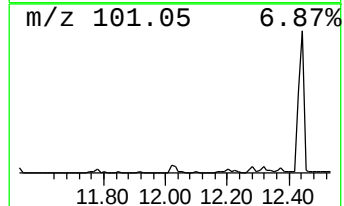
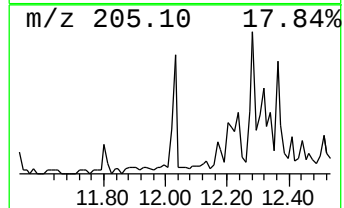
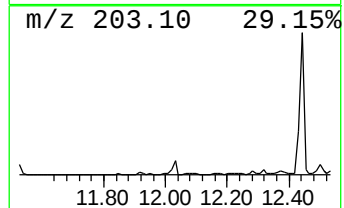
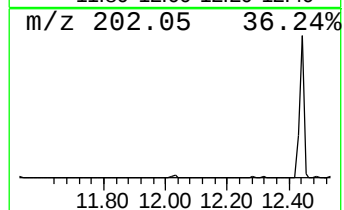
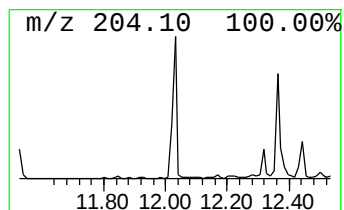
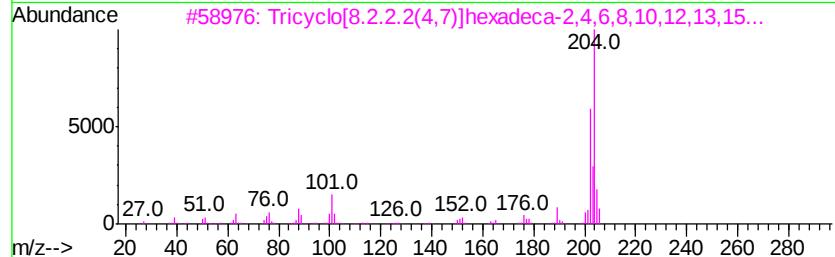
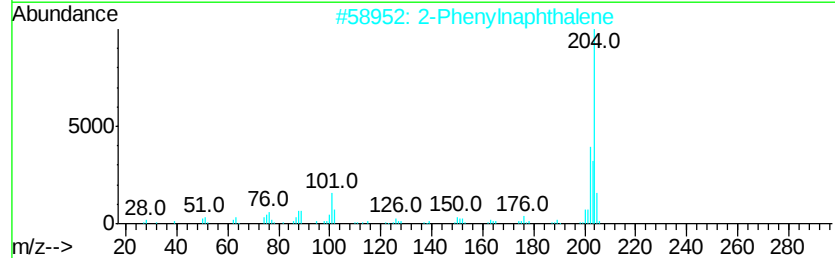
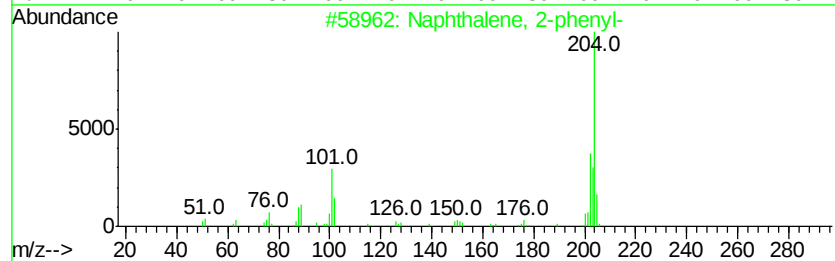
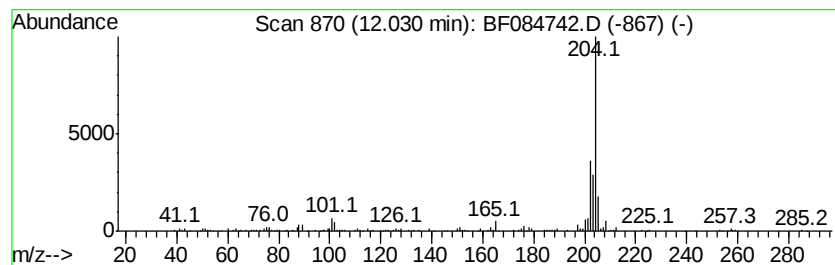
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.32 ng	230250	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	76
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
5		2-Methyl-5-nitroindole-3-carboxa...	204	C10H8N2O3	003558-17-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
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ALS Vial : 40 Sample Multiplier: 1

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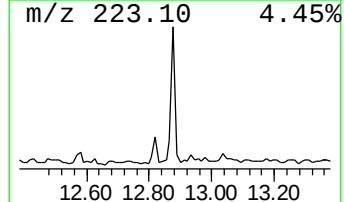
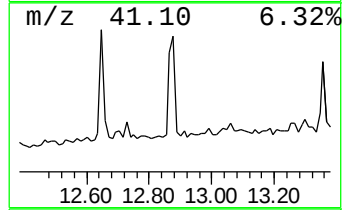
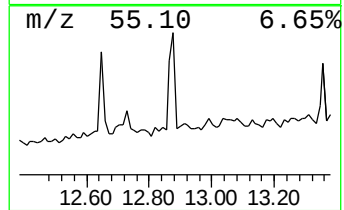
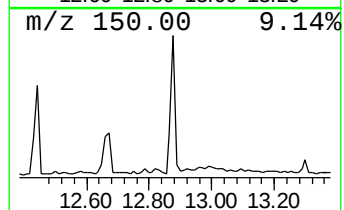
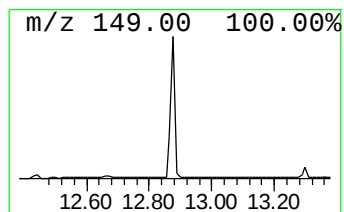
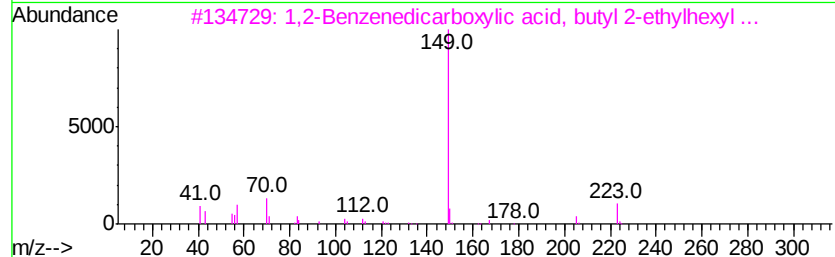
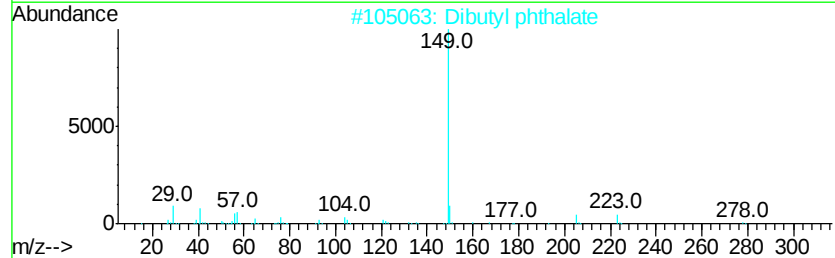
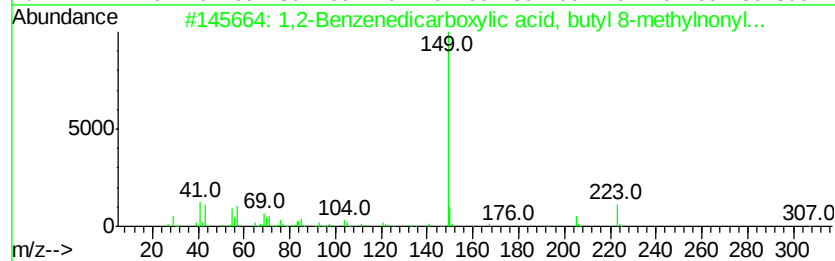
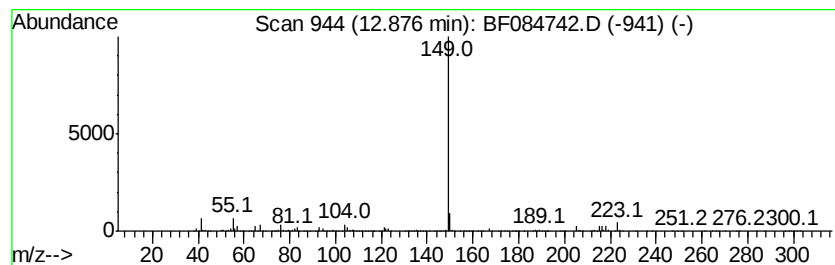
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,2-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	6.06 ng	841006	Chrysene-d12	13.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	78
2			Dibutyl phthalate	278	C16H22O4	000084-74-2	78
3			1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	78
4			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	78
5			2-Bromomethyl-2-phenyl[1,3]dioxo...	242	C10H11BrO2	003418-21-1	50



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Acq On : 2 Feb 2016 6:32
Operator : SJ/IZ
Sample : H1295-01
Misc :
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Instrument :
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ClientSampleId :
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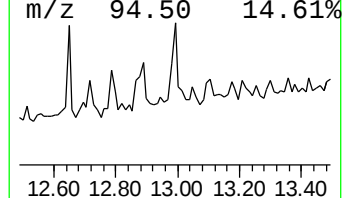
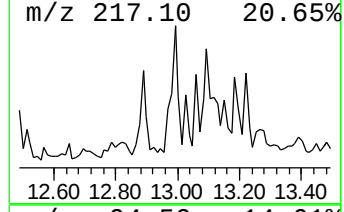
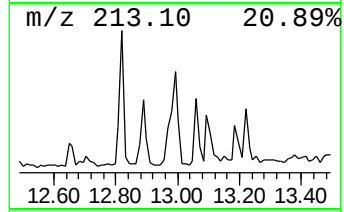
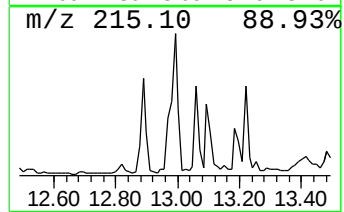
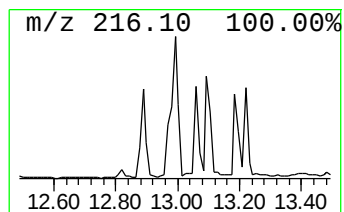
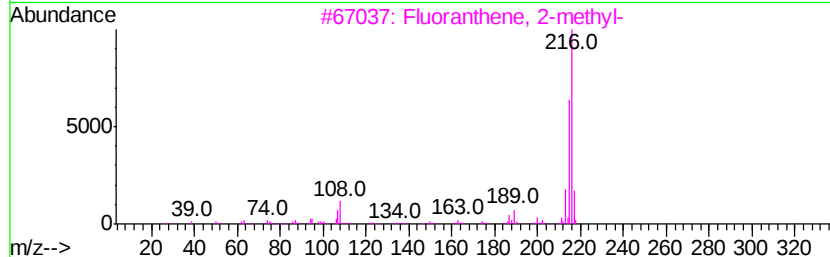
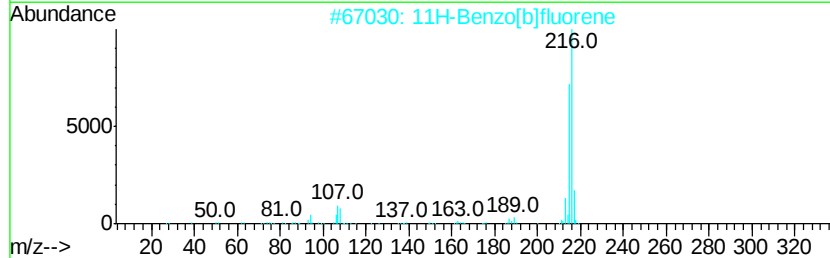
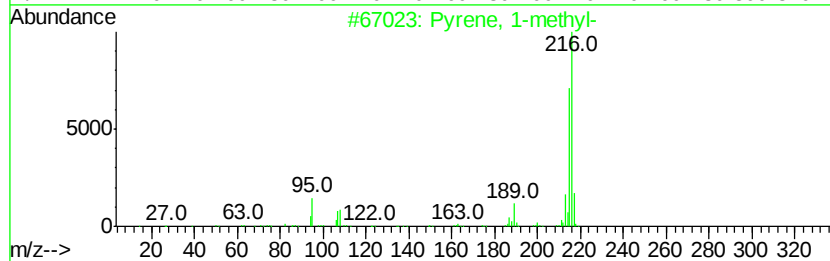
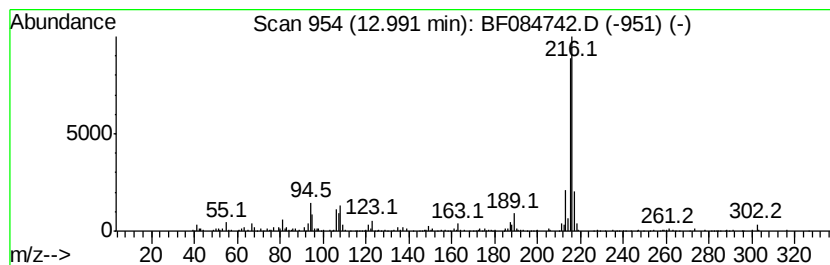
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.48 ng	344581	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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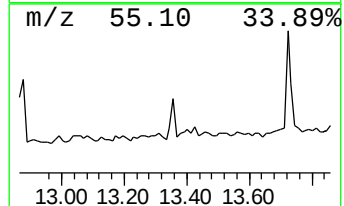
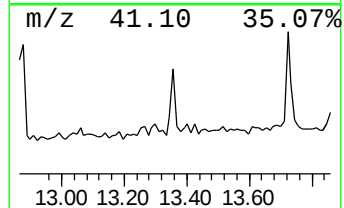
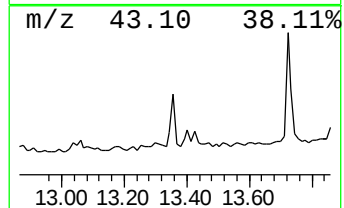
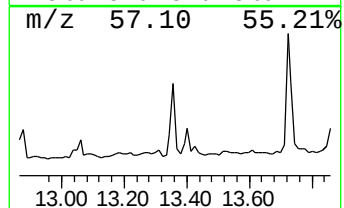
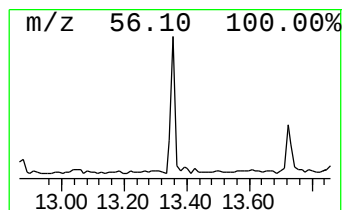
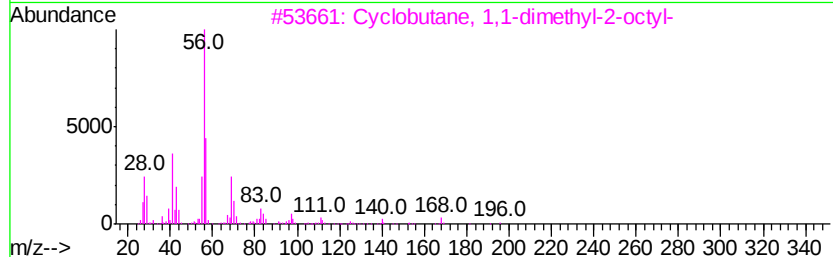
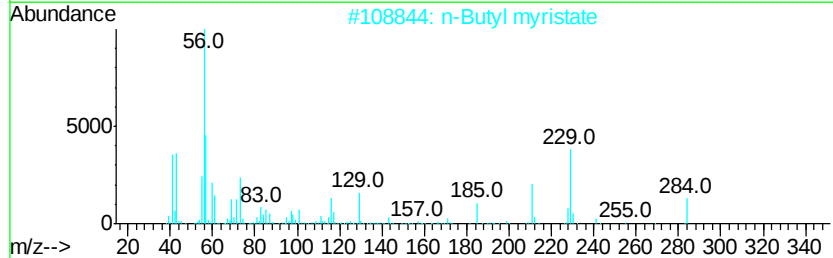
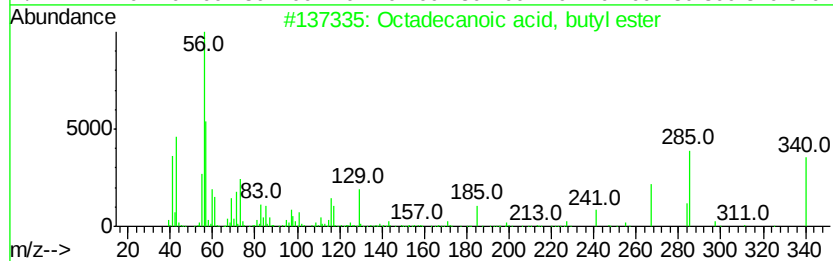
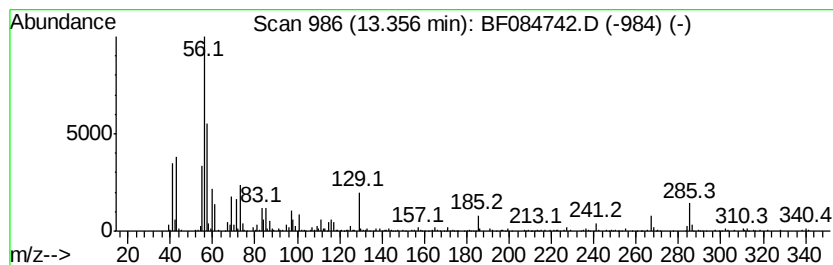
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid, butyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	2.44 ng	339035	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		n-Butyl myristate	284	C18H36O2	000110-36-1	80
3		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
4		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
5		Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084742.D
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Operator : SJ/IZ
Sample : H1295-01
Misc :
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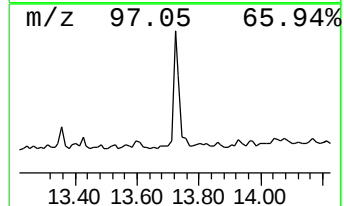
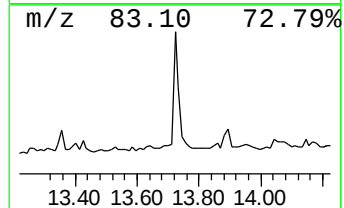
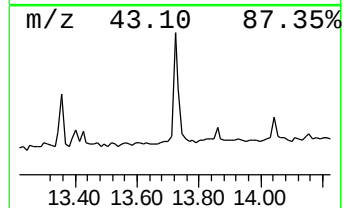
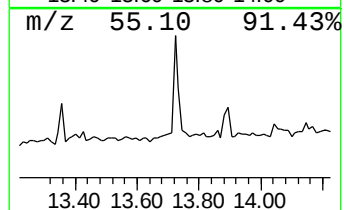
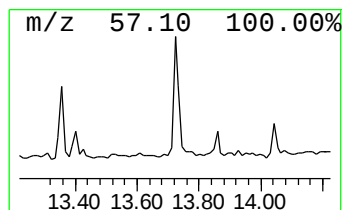
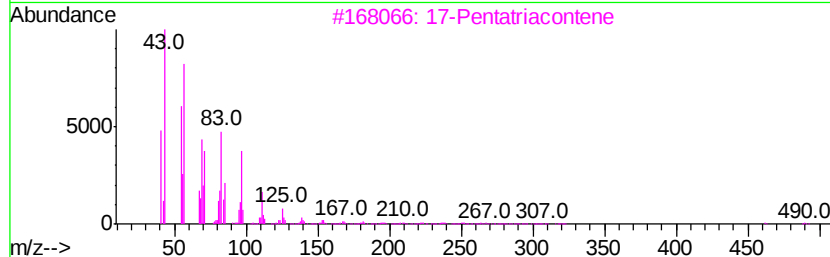
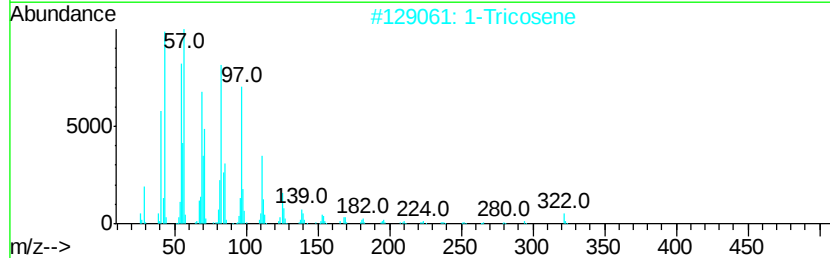
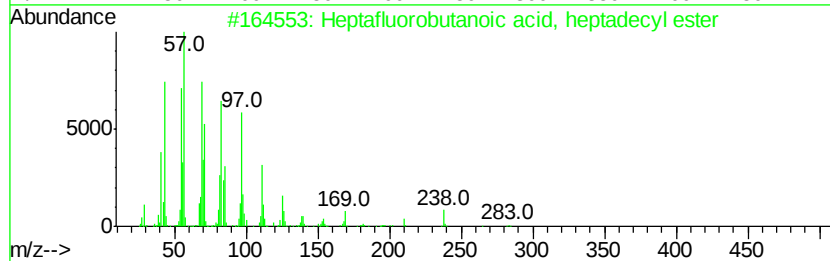
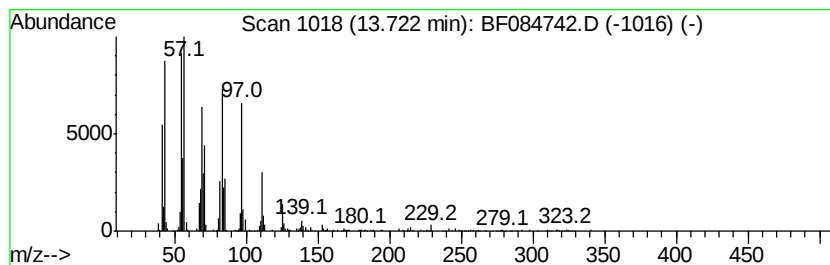
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptafluorobutanoic acid, h... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.74 ng	519442	Chrysene-d12	13.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
2			1-Tricosene	322	C23H46	018835-32-0	91
3			17-Pentatriacontene	491	C35H70	006971-40-0	90
4			Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
5			1-Heneicosyl formate	340	C22H44O2	077899-03-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084742.D
Acq On : 2 Feb 2016 6:32
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Sample : H1295-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

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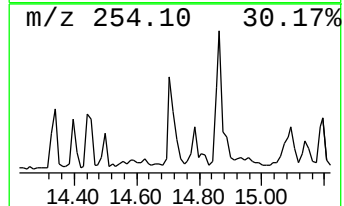
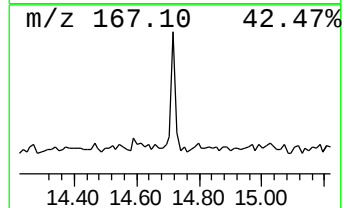
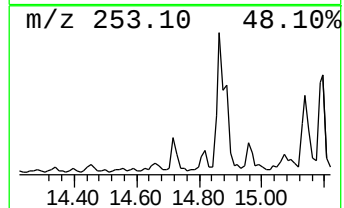
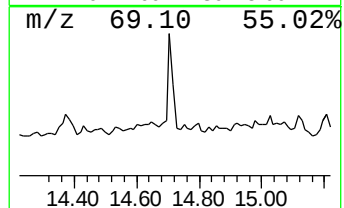
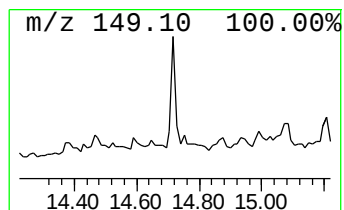
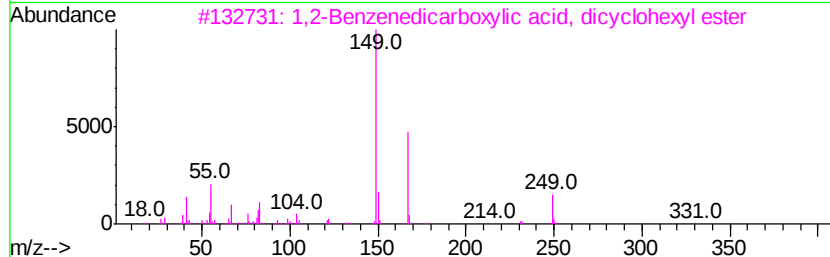
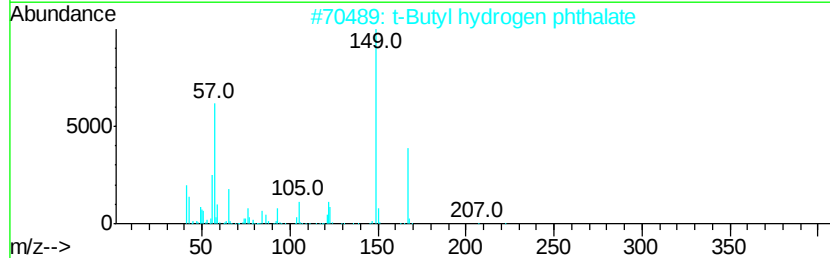
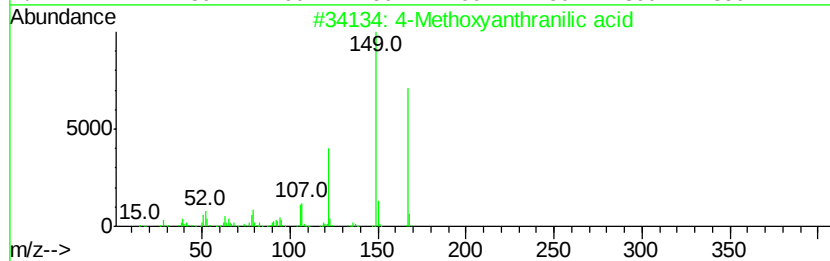
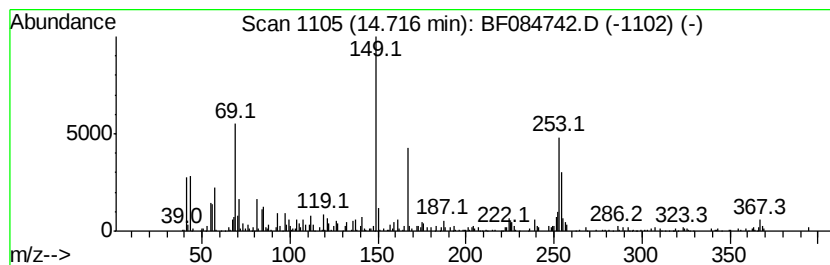
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.72 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	4.69 ng	245771	Perylene-d12	15.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methoxvanthranilic acid	167	C8H9NO3	004294-95-5	47
2			t-Butyl hydrogen phthalate	222	C12H14O4	033693-84-4	38
3			1,2-Benzenedicarboxylic acid, di...	330	C20H26O4	000084-61-7	38
4			Phthalic acid, 2-hexyl ester	250	C14H18O4	079107-80-5	38
5			Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084742.D
Acq On : 2 Feb 2016 6:32
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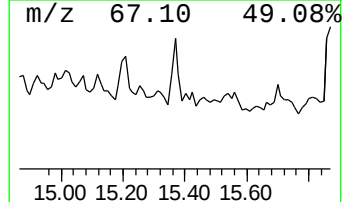
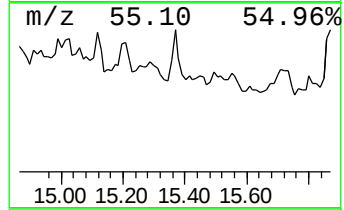
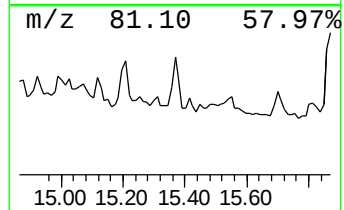
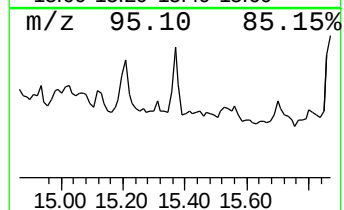
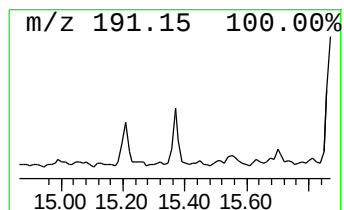
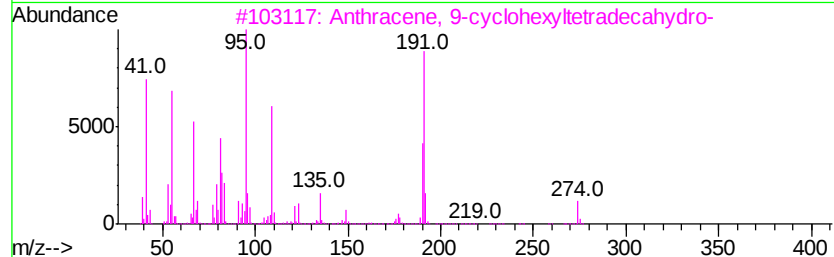
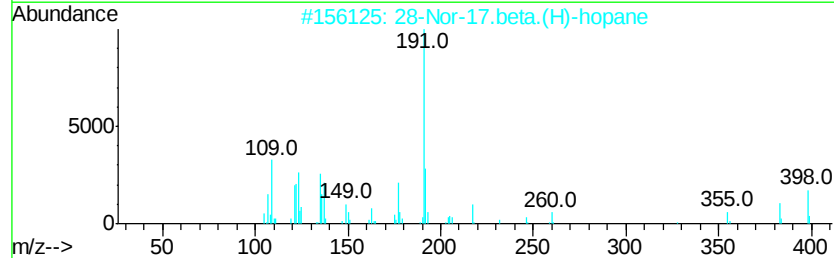
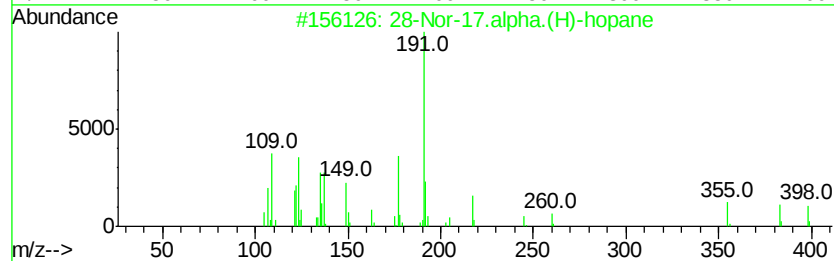
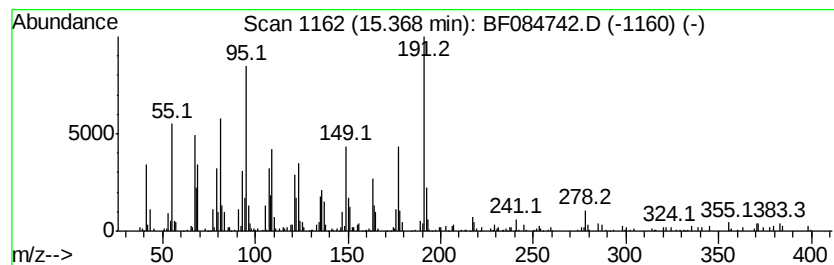
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 28-Nor-17.alpha.(H)-hopane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	4.86 ng	254679	Perylene-d12	15.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	72
2			28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	42
3			Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	22
4			9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	11
5			(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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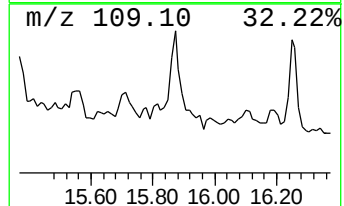
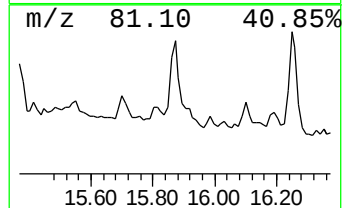
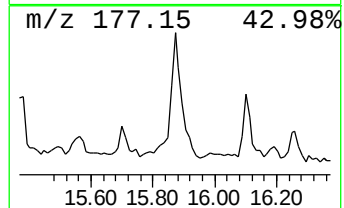
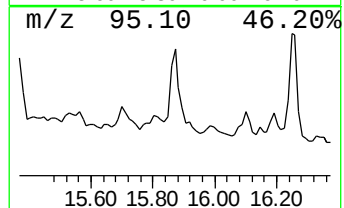
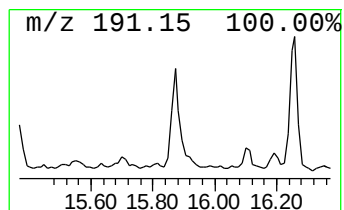
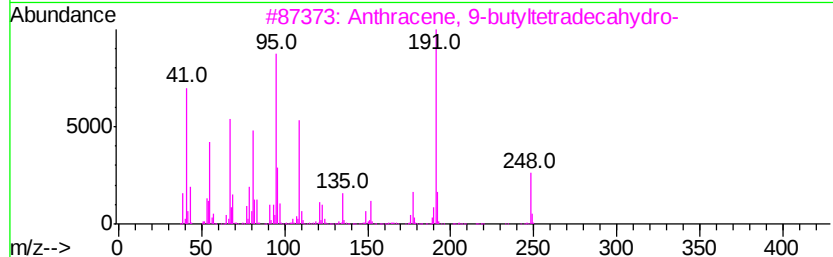
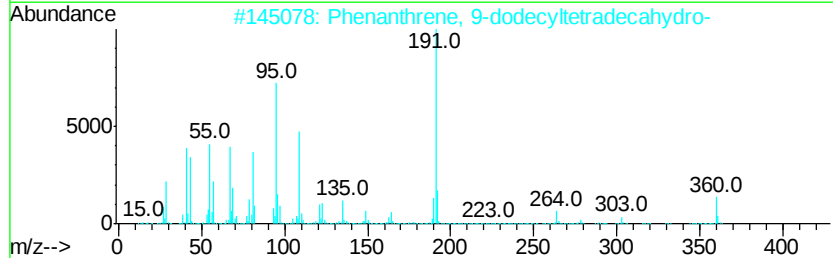
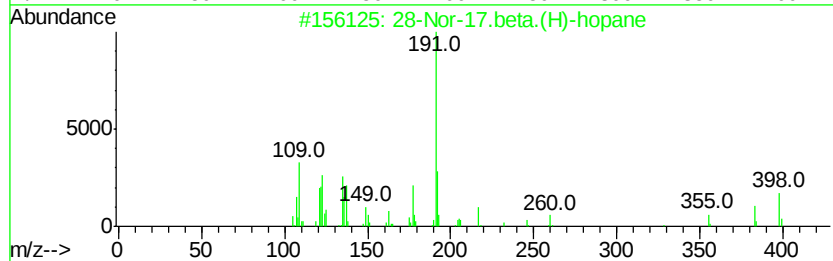
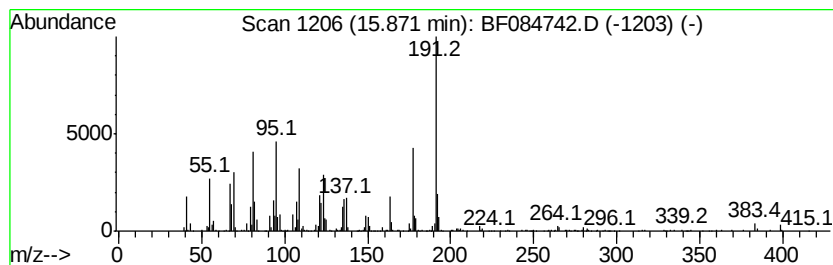
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 28-Nor-17.beta.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	16.64 ng	871497	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	64
2		Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	52
3		Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	50
4		7a-Isopropenyl-4,5-dimethyloctah...	236	C15H24O2	1000192-14-7	42
5		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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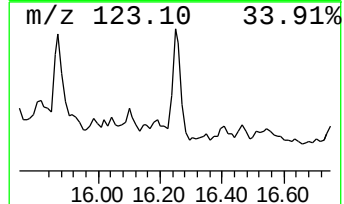
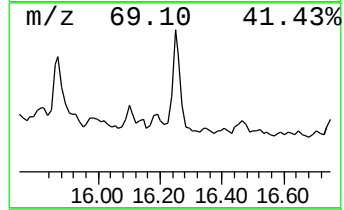
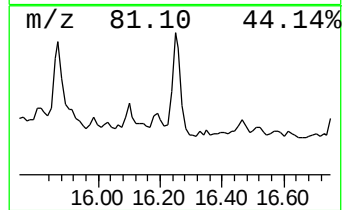
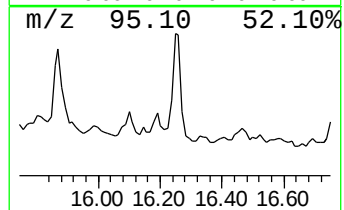
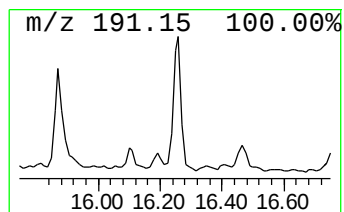
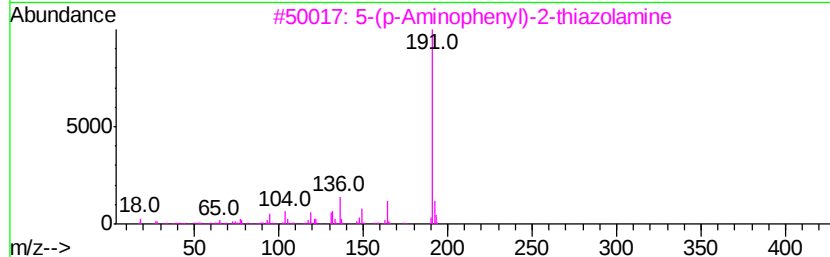
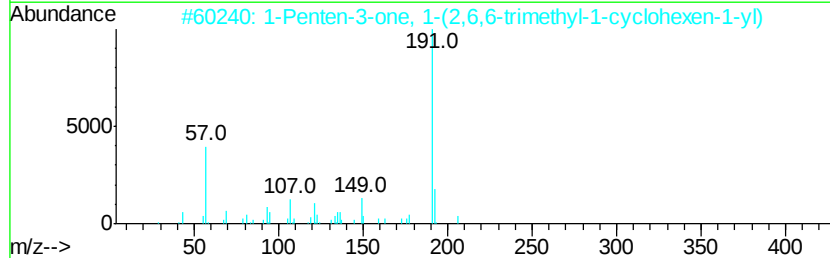
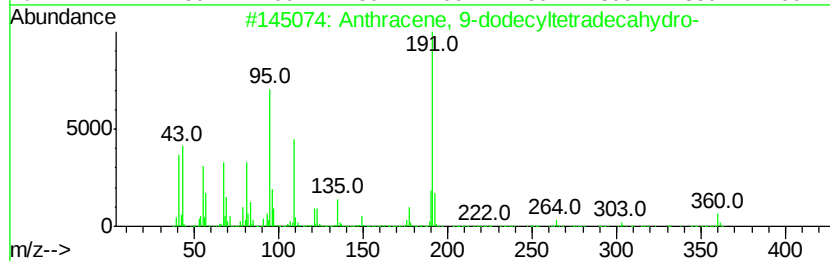
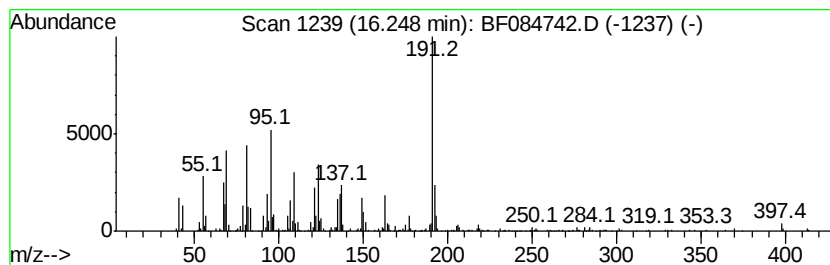
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Anthracene, 9-dodecyltetrad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	16.68 ng	873756	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	50
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
3		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38
4		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	32
5		2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084742.D
Acq On : 2 Feb 2016 6:32
Operator : SJ/IZ
Sample : H1295-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW006

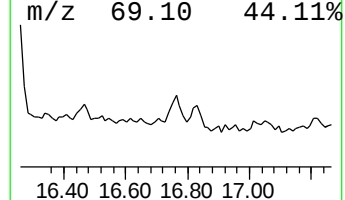
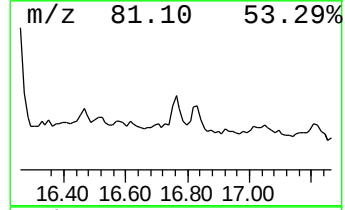
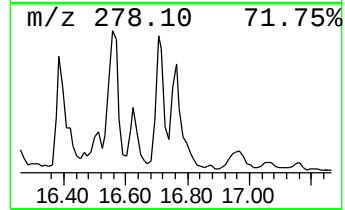
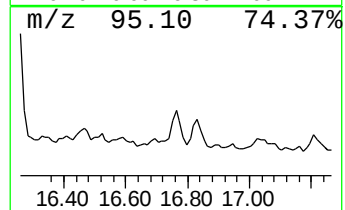
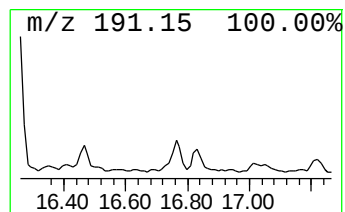
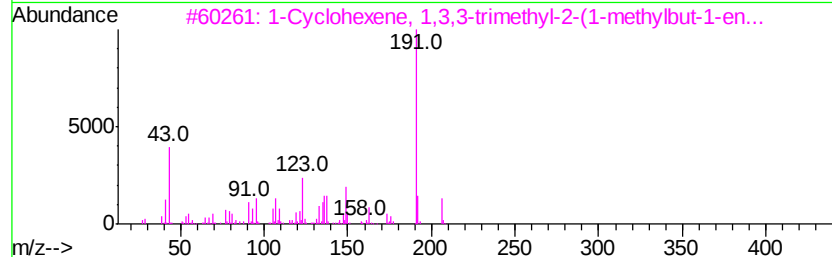
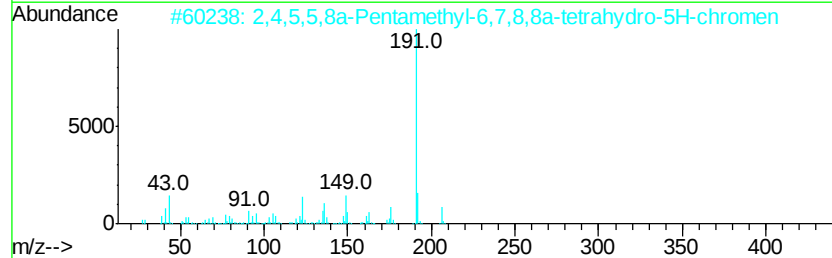
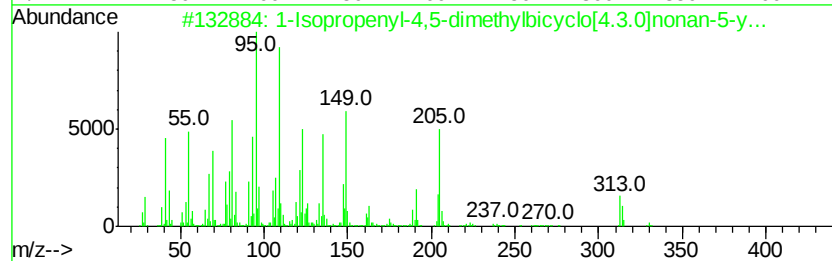
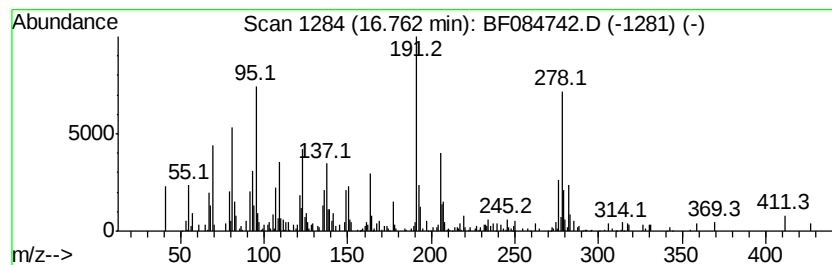
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.76 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	4.86 ng	254545	Perylene-d12	15.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenyl-4,5-dimethylbicyclo[4.3.0]nonan-5-yl...	330	C21H30OS	1000195-85-4	35
2			2,4,5,5,8a-Pentamethyl-6,7,8,8a-tetrahydro-5H-chromen	206	C14H22O	1000195-40-9	30
3			1-Cyclohexene, 1,3,3-trimethyl-2-(1-methylbut-1-en-1-yl)-	206	C14H22O	1000197-08-4	25
4			3-Hydroxy-tricyclo[4.3.1.1(3,8)]octane	210	C12H18O3	1000296-62-7	25
5			Spiro[4-oxatricyclo[5.3.0.0(2,6)]non-5-ene]	276	C18H28O2	1000156-82-9	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084742.D
 Acq On : 2 Feb 2016 6:32
 Operator : SJ/IZ
 Sample : H1295-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW006

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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
3-Penten-2-one, 4...	4.17	4.9 ng		306861	1	6.72	1254460	20.0
2-Pentanone, 4-hy...	4.88	59.7 ng		3746350	1	6.72	1254460	20.0
2-Pentanone, 4-me...	5.71	3.9 ng		245766	1	6.72	1254460	20.0
unknown6.49	6.49	76.1 ng		4771600	1	6.72	1254460	20.0
Tetradecane	10.66	2.2 ng		218095	4	11.23	1983830	20.0
Dibenzothiophene	11.13	4.4 ng		432894	4	11.23	1983830	20.0
Anthracene, 2-met...	11.73	3.4 ng		340579	4	11.23	1983830	20.0
2-Mercaptobenzoth...	11.95	2.7 ng		267445	4	11.23	1983830	20.0
Naphthalene, 2-ph...	12.03	2.3 ng		230250	4	11.23	1983830	20.0
1,2-Benzenedicarb...	12.88	6.1 ng		841006	5	13.86	2776470	20.0
Pyrene, 1-methyl-	12.99	2.5 ng		344581	5	13.86	2776470	20.0
Octadecanoic acid...	13.36	2.4 ng		339035	5	13.86	2776470	20.0
Heptafluorobutano...	13.72	3.7 ng		519442	5	13.86	2776470	20.0
unknown14.72	14.72	4.7 ng		245771	6	15.25	1047750	20.0
28-Nor-17.alpha.(...	15.37	4.9 ng		254679	6	15.25	1047750	20.0
28-Nor-17.beta.(H...	15.87	16.6 ng		871497	6	15.25	1047750	20.0
Anthracene, 9-dod...	16.25	16.7 ng		873756	6	15.25	1047750	20.0
unknown16.76	16.76	4.9 ng		254545	6	15.25	1047750	20.0