

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
 Data File : BF086288.D
 Acq On : 18 Apr 2016 18:10
 Operator : UM/SJ
 Sample : H2413-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-G-7(0-2)

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-BF041516.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	2.201	7	10	19	rVB	396128	598212	7.86%	0.660%
2	4.990	251	254	255	rBV2	90838	135551	1.78%	0.150%
3	5.024	255	257	260	rVB2	157148	214203	2.81%	0.236%
4	5.093	260	263	269	rBV	503025	736701	9.68%	0.813%
5	5.493	294	298	300	rBV	5972583	6946223	91.22%	7.664%
6	6.522	384	388	390	rBV	5202936	7614469	100.00%	8.401%
7	6.659	397	400	402	rBV	5540726	7235514	95.02%	7.983%
8	6.887	417	420	422	rBV	2524009	2173446	28.54%	2.398%
9	7.047	431	434	436	rVB	4943425	5531688	72.65%	6.103%
10	7.447	466	469	472	rBV	3663332	4538009	59.60%	5.007%
11	7.527	474	476	479	rVB	79493	79211	1.04%	0.087%
12	8.168	530	532	535	rBV	2255663	2640979	34.68%	2.914%
13	9.253	624	627	629	rBV	5928007	6002158	78.83%	6.622%
14	9.333	629	634	638	rBV4	41535	82734	1.09%	0.091%
15	9.585	653	656	659	rBV2	72704	103586	1.36%	0.114%
16	9.642	659	661	663	rVV	945532	761495	10.00%	0.840%
17	9.859	679	680	683	rVB	142589	132175	1.74%	0.146%
18	9.928	683	686	688	rBV	2849803	2676086	35.14%	2.953%
19	9.962	688	689	690	rVB	190706	131041	1.72%	0.145%
20	10.088	697	700	702	rBV	44495	84124	1.10%	0.093%
21	10.122	702	703	705	rVV2	99253	121840	1.60%	0.134%
22	10.179	705	708	710	rVB4	36936	89395	1.17%	0.099%
23	10.362	722	724	726	rVB	374211	289773	3.81%	0.320%
24	10.465	732	733	737	rVB	145552	189080	2.48%	0.209%
25	10.579	740	743	746	rVV2	103243	197659	2.60%	0.218%
26	10.716	752	755	757	rBV	2409439	3208912	42.14%	3.540%
27	10.831	764	765	771	rVB	334417	427323	5.61%	0.471%
28	11.288	801	805	810	rVV3	124749	367939	4.83%	0.406%
29	11.414	813	816	819	rVV	1504302	3624573	47.60%	3.999%
30	11.482	819	822	824	rVV	516634	511603	6.72%	0.564%
31	11.631	832	835	839	rBV2	212631	291085	3.82%	0.321%
32	11.711	839	842	843	rBV2	76241	101314	1.33%	0.112%
33	11.905	857	859	860	rBV	215838	212748	2.79%	0.235%
34	11.939	860	862	864	rVV	441875	458936	6.03%	0.506%

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Instrument :
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 ClientSampleId :
 SP-2-G-7(0-2)

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-BF041516.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.985	864	866	867	rVV2	106661	128762	1.69%	0.142%
36	12.019	867	869	873	rVV2	480027	618999	8.13%	0.683%
37	12.111	873	877	879	rVV	108599	176446	2.32%	0.195%
38	12.225	883	887	889	rVB2	211387	377110	4.95%	0.416%
39	12.385	900	901	904	rVB	66023	94876	1.25%	0.105%
40	12.454	905	907	909	rBV	159064	187213	2.46%	0.207%
41	12.499	909	911	913	rVV2	74773	132963	1.75%	0.147%
42	12.534	913	914	919	rVB3	69410	101077	1.33%	0.112%
43	12.614	919	921	924	rBV	2079802	2374072	31.18%	2.619%
44	12.671	924	926	928	rBV3	49660	77242	1.01%	0.085%
45	12.762	928	934	937	rBV4	68807	189126	2.48%	0.209%
46	12.842	937	941	944	rBV	2002490	2768760	36.36%	3.055%
47	12.899	944	946	948	rVB2	193422	232469	3.05%	0.256%
48	12.991	952	954	957	rVB	3504639	3493478	45.88%	3.854%
49	13.059	957	960	964	rBV3	144615	320092	4.20%	0.353%
50	13.174	964	970	971	rBV	467061	627034	8.23%	0.692%
51	13.242	974	976	977	rBV2	332821	376965	4.95%	0.416%
52	13.277	977	979	980	rBV	258251	250776	3.29%	0.277%
53	13.299	980	981	983	rVB	138658	137152	1.80%	0.151%
54	13.368	985	987	988	rVB	136769	100942	1.33%	0.111%
55	13.402	988	990	992	rBV2	97279	128700	1.69%	0.142%
56	13.471	995	996	999	rVB2	80605	86498	1.14%	0.095%
57	13.528	999	1001	1002	rBV	236147	220434	2.89%	0.243%
58	13.574	1002	1005	1010	rVB2	224088	350436	4.60%	0.387%
59	13.677	1010	1014	1017	rBV2	125633	268790	3.53%	0.297%
60	13.791	1021	1024	1025	rBV2	247488	319690	4.20%	0.353%
61	13.814	1025	1026	1027	rVV	161309	170277	2.24%	0.188%
62	13.894	1031	1033	1036	rVB2	595787	823119	10.81%	0.908%
63	14.042	1042	1046	1051	rBV3	2157935	4368033	57.36%	4.819%
64	14.145	1051	1055	1057	rVV	260438	313042	4.11%	0.345%
65	14.214	1059	1061	1063	rVV2	309655	455158	5.98%	0.502%
66	14.260	1063	1065	1069	rVB2	146764	245418	3.22%	0.271%
67	14.431	1075	1080	1081	rBV	178668	415900	5.46%	0.459%
68	14.454	1081	1082	1084	rVB2	99284	124463	1.63%	0.137%
69	14.522	1086	1088	1091	rBV3	544868	673226	8.84%	0.743%
70	14.820	1112	1114	1118	rVB2	218721	306226	4.02%	0.338%
71	14.900	1118	1121	1125	rBV2	168421	276819	3.64%	0.305%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	14.968	1125	1127	1129	rVB2	69072	86274	1.13%	0.095%
73	15.060	1133	1135	1140	rVV	893292	1908149	25.06%	2.105%
74	15.163	1141	1144	1147	rVB3	253409	464621	6.10%	0.513%
75	15.357	1158	1161	1164	rVB	557583	729807	9.58%	0.805%
76	15.414	1164	1166	1169	rBV	762697	910124	11.95%	1.004%
77	15.471	1169	1171	1173	rVV	933428	1455927	19.12%	1.606%
78	15.505	1173	1174	1179	rVB2	258855	403610	5.30%	0.445%
79	15.951	1210	1213	1215	rBV	124137	234843	3.08%	0.259%
80	15.997	1215	1217	1221	rVB3	100005	212701	2.79%	0.235%
81	16.877	1291	1294	1298	rVB2	280724	532460	6.99%	0.587%
82	17.300	1329	1331	1338	rVB	228060	473702	6.22%	0.523%
83	17.471	1344	1346	1348	rVB2	92275	135384	1.78%	0.149%
84	17.746	1368	1370	1372	rBV3	171681	247037	3.24%	0.273%
85	17.906	1381	1384	1391	rVB	103411	278716	3.66%	0.308%
86	19.483	1516	1522	1527	rVB	561787	1740231	22.85%	1.920%

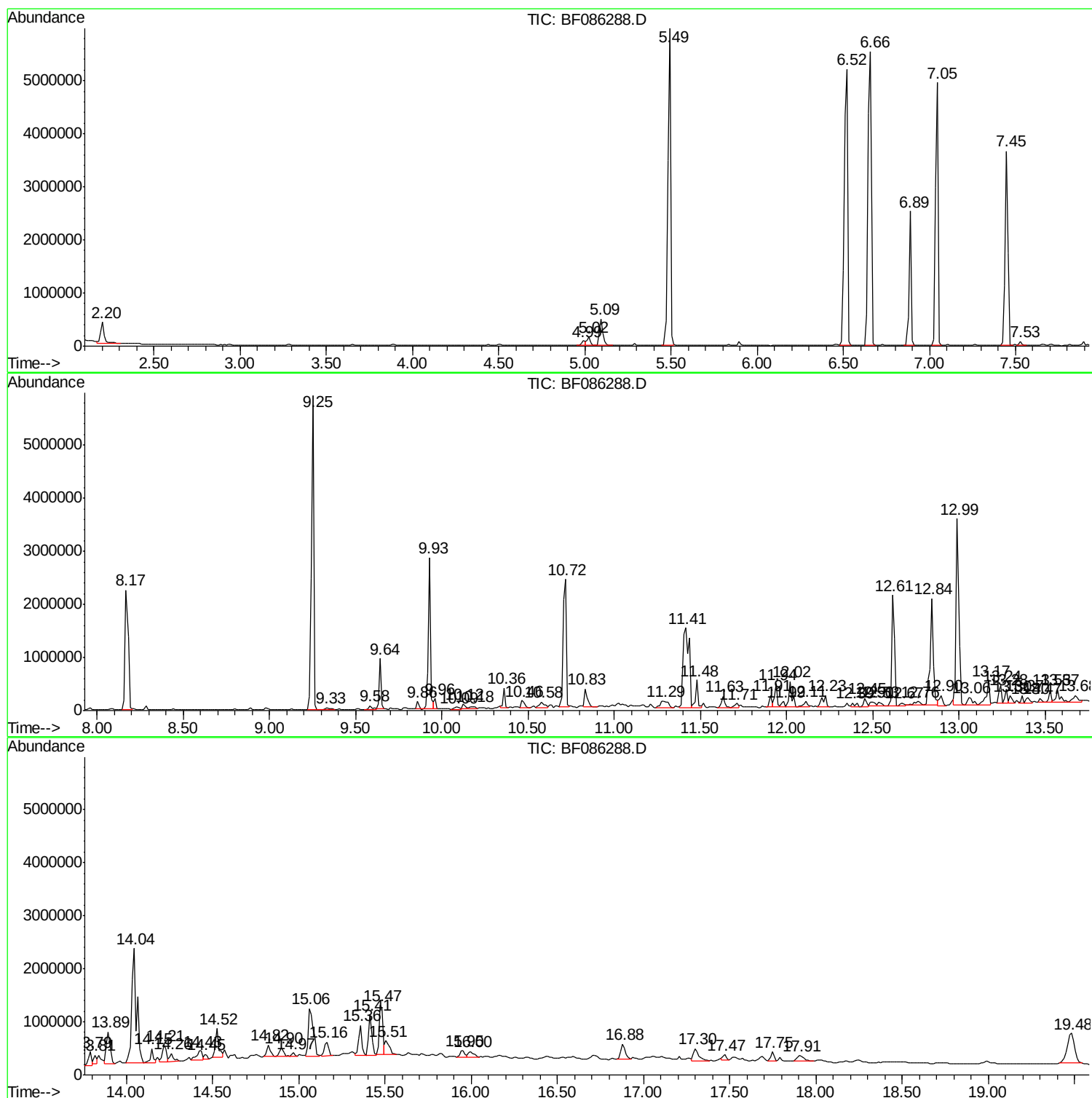
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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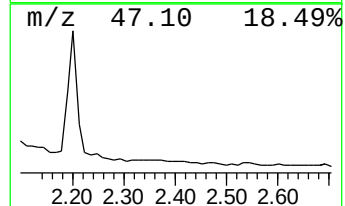
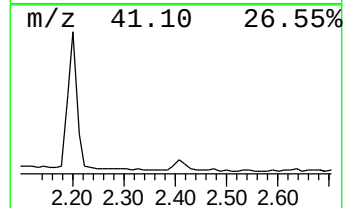
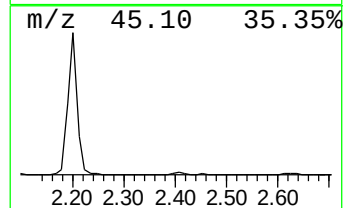
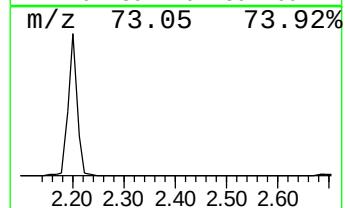
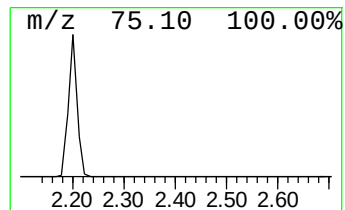
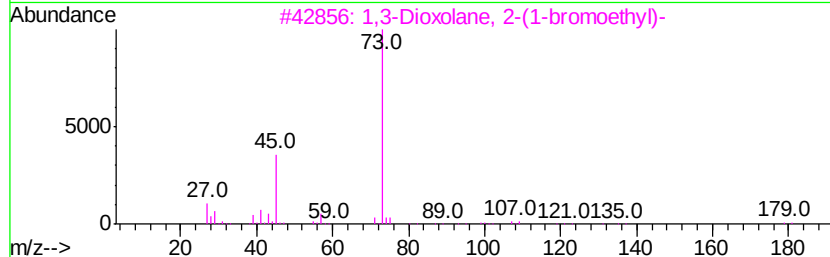
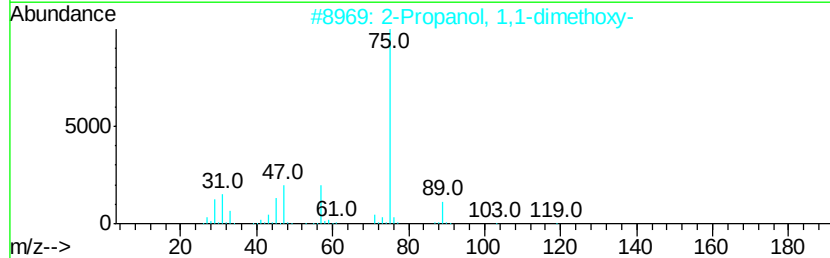
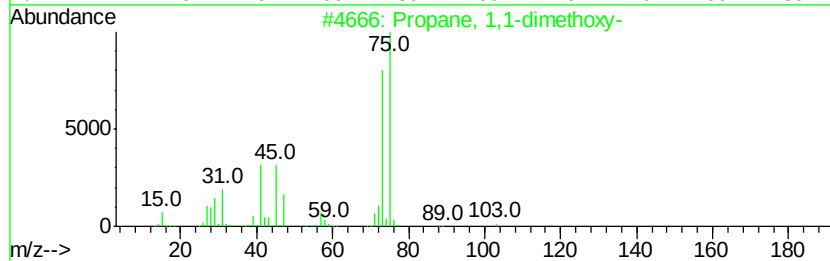
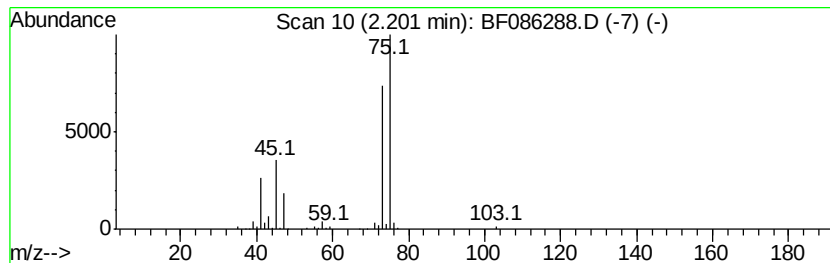
Instrument :
BNA_F
ClientSampleId :
SP-2-G-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.20	5.50 ng	598212	1,4-Dichlorobenzene-d4	6.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	53
3	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	14
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	Ethane, 2-chloro-1,1-dimethoxy-	124	C4H9ClO2	000097-97-2	9



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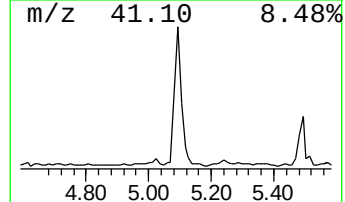
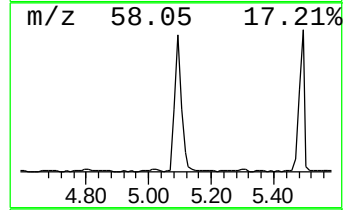
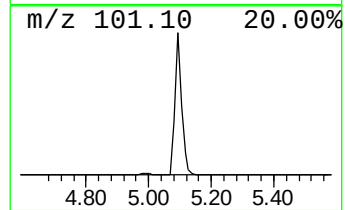
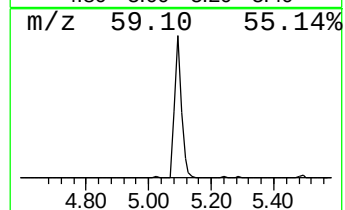
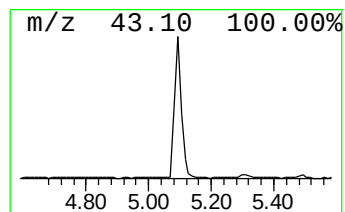
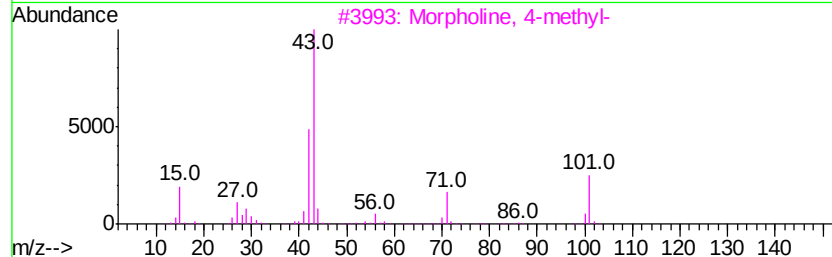
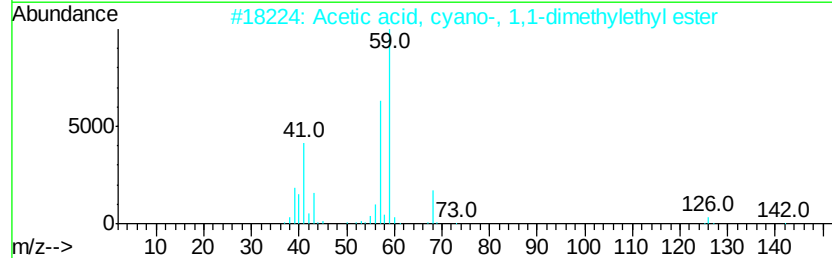
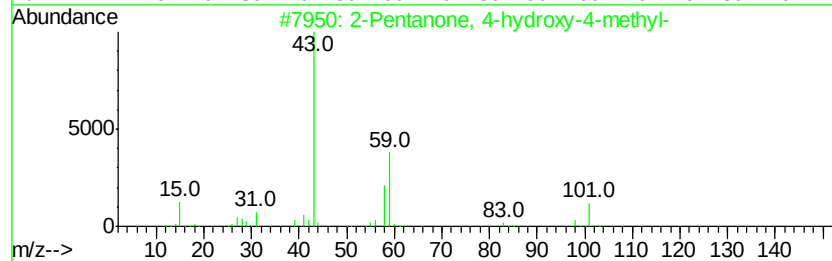
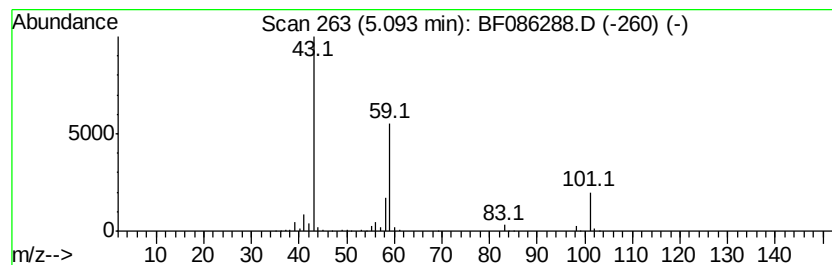
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	6.78 ng	736701	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Acetone	58	C3H6O	000067-64-1	9



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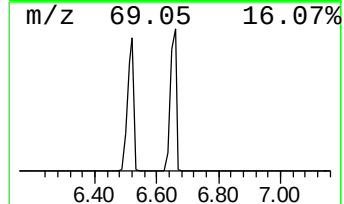
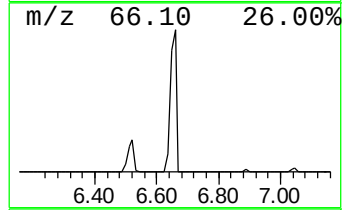
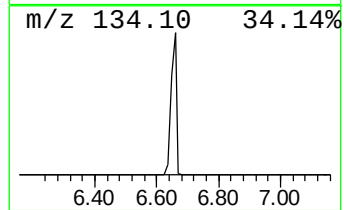
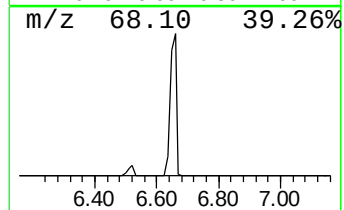
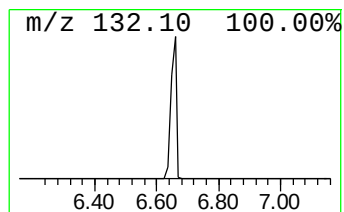
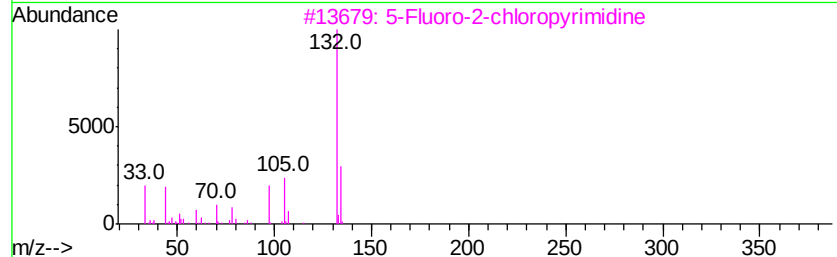
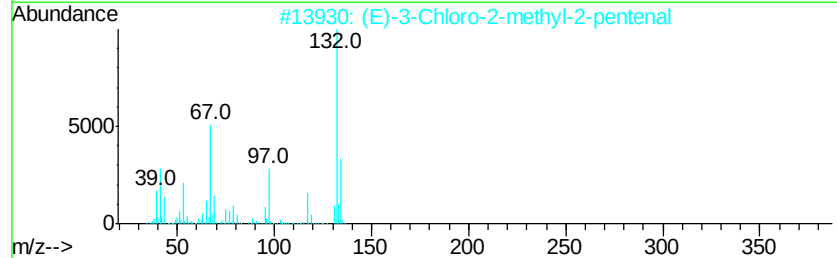
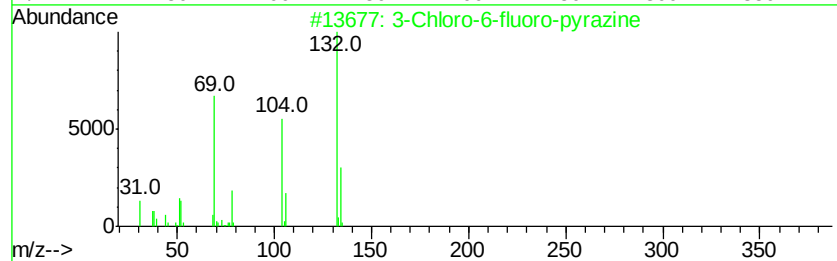
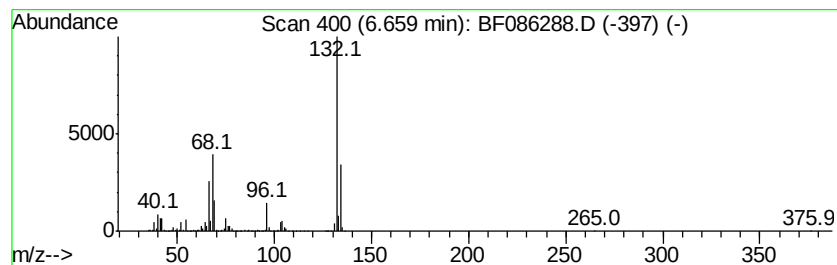
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	66.58 ng	7235510	1,4-Dichlorobenzene-d4	6.89

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	16
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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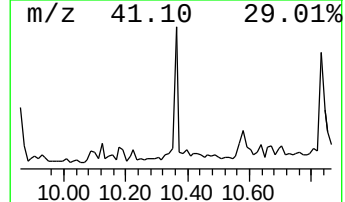
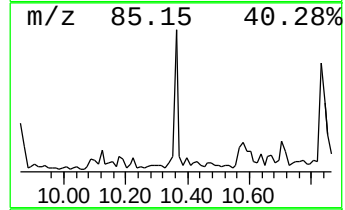
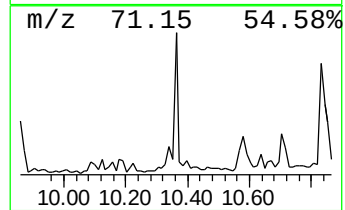
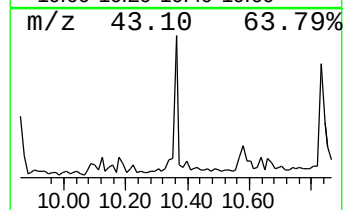
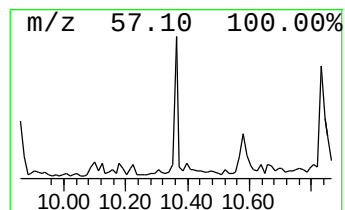
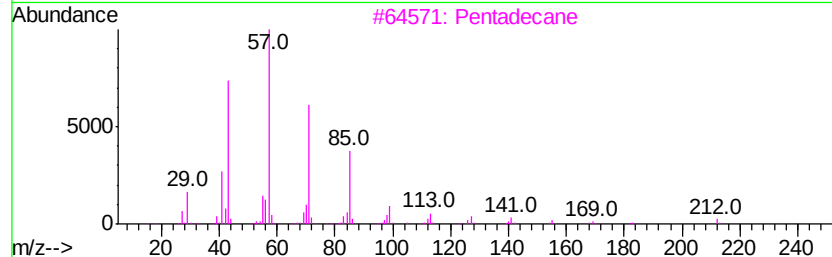
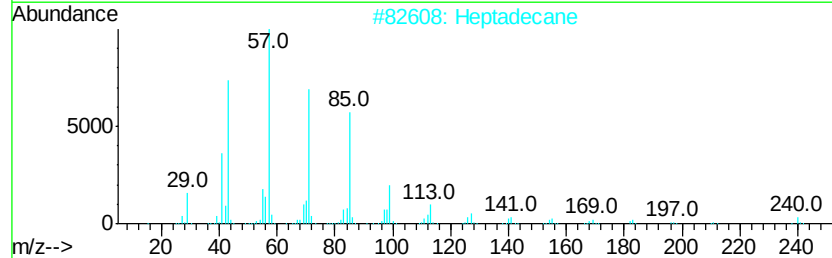
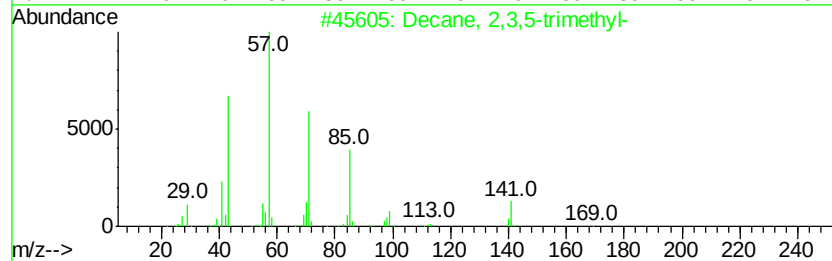
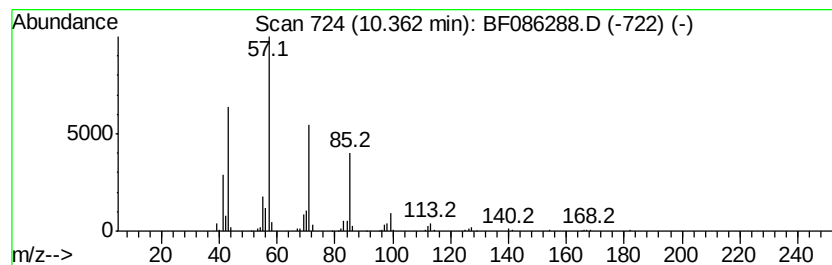
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 2,3,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	2.17 ng	289773	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	90
2	Heptadecane	240 C17H36	000629-78-7	90
3	Pentadecane	212 C15H32	000629-62-9	90
4	Hexadecane	226 C16H34	000544-76-3	83
5	Tetradecane	198 C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086288.D
Acq On : 18 Apr 2016 18:10
Operator : UM/SJ
Sample : H2413-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-2-G-7(0-2)

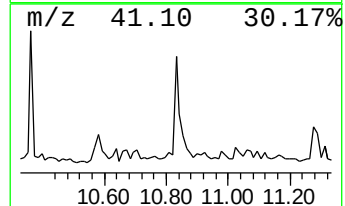
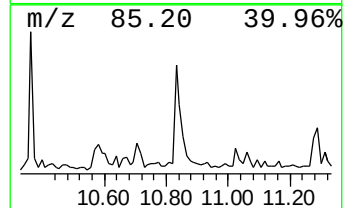
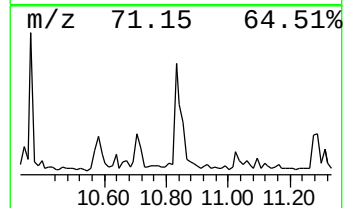
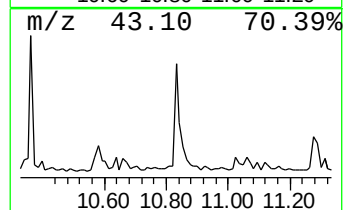
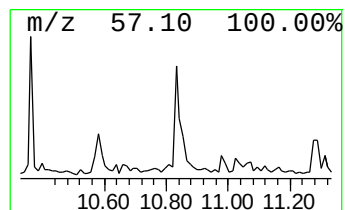
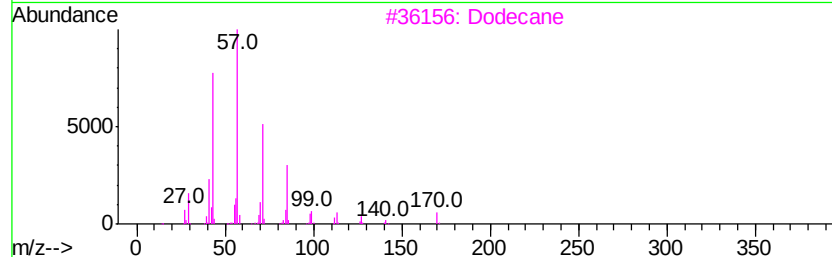
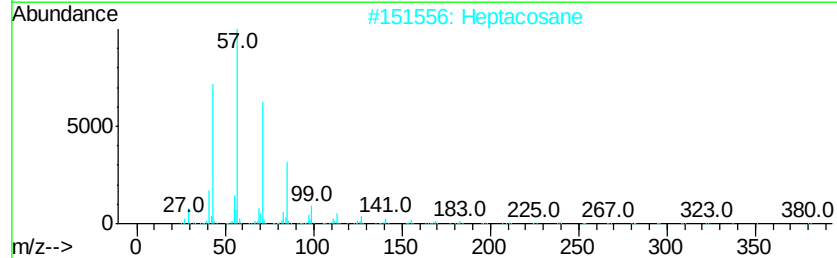
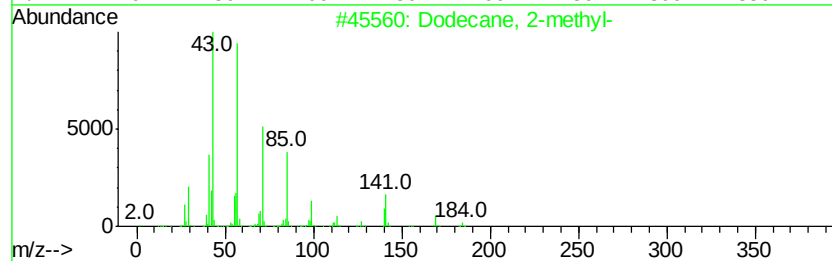
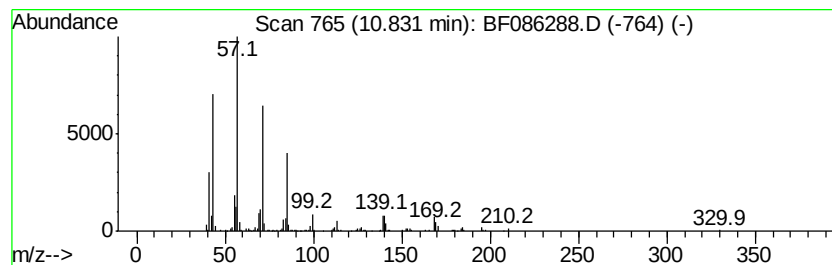
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	2.36 ng	427323	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
2		Heptacosane	380	C27H56	000593-49-7	80
3		Dodecane	170	C12H26	000112-40-3	72
4		Tetracosane	338	C24H50	000646-31-1	72
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
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ClientSampleId :
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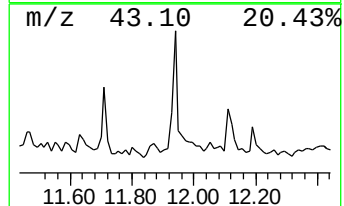
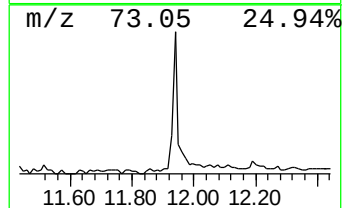
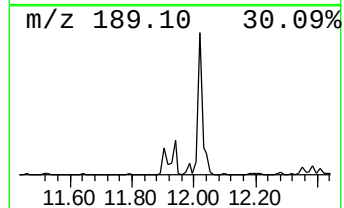
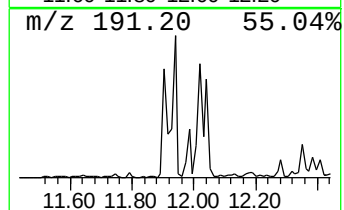
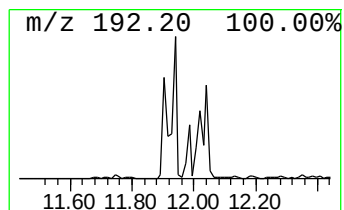
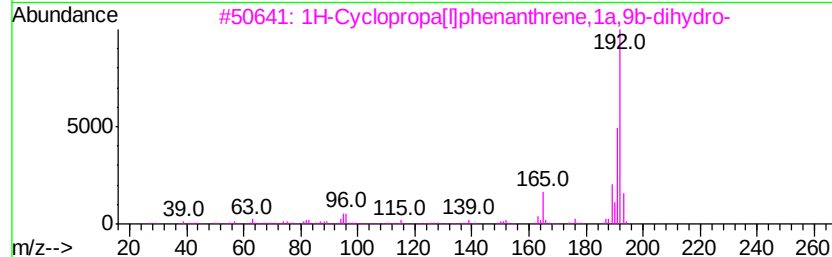
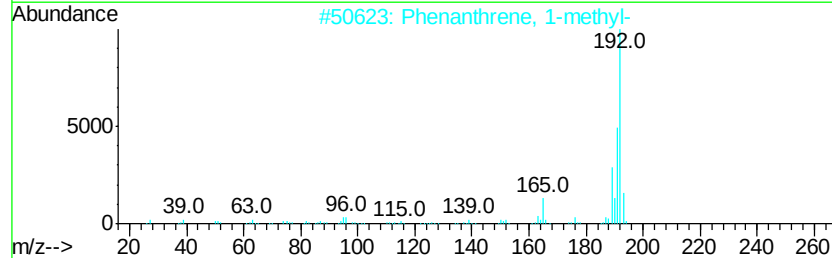
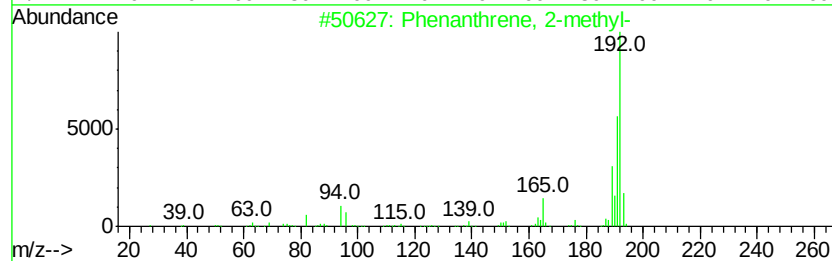
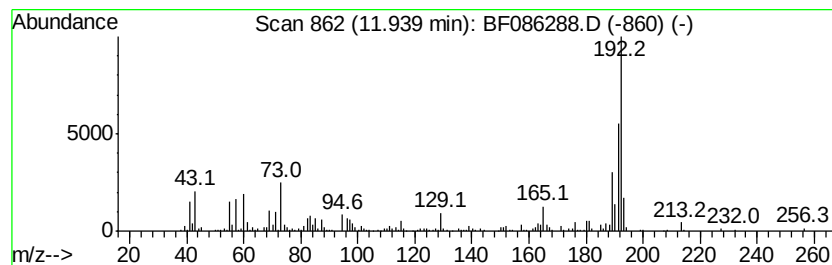
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.53 ng	458936	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	92



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086288.D
Acq On : 18 Apr 2016 18:10
Operator : UM/SJ
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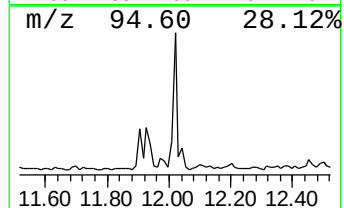
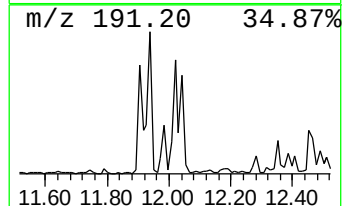
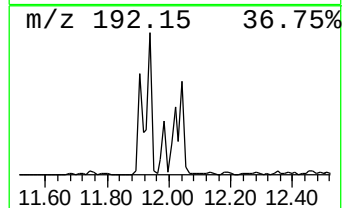
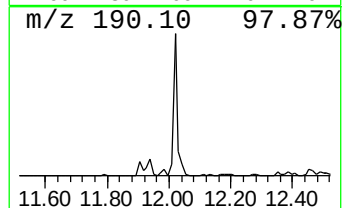
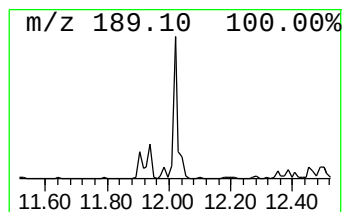
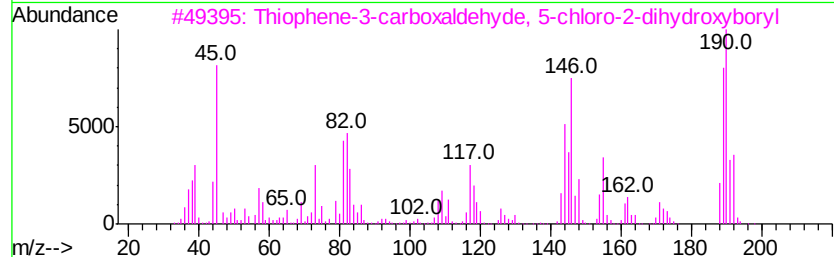
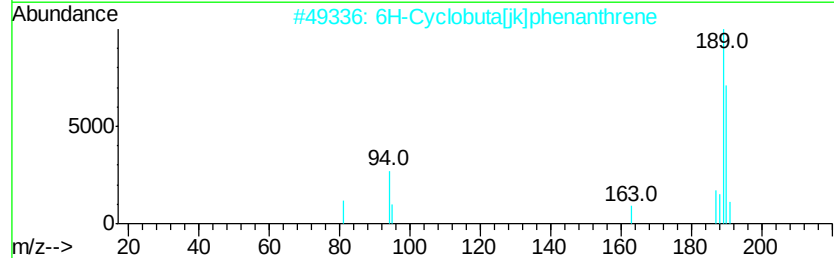
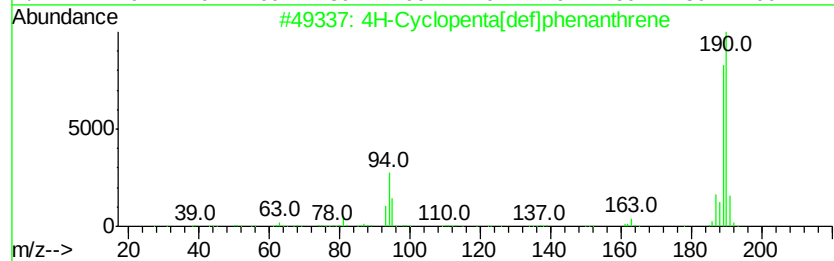
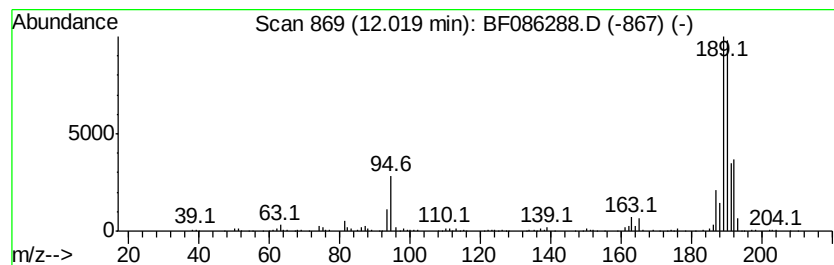
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.42 ng	618999	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3		Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	52
4		2,3,5,6-Tetramethylterephthalaldehyde	190	C12H14O2	007072-01-7	50
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
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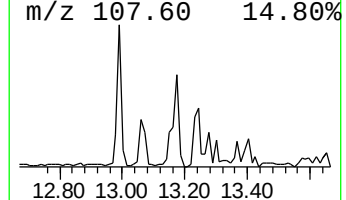
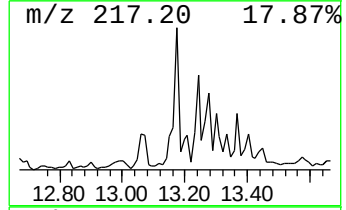
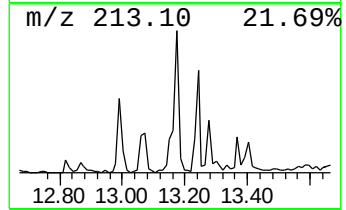
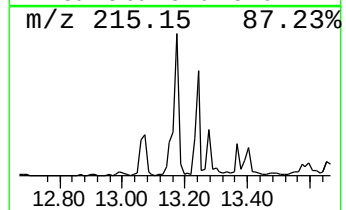
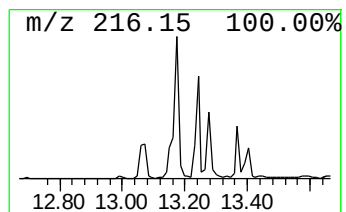
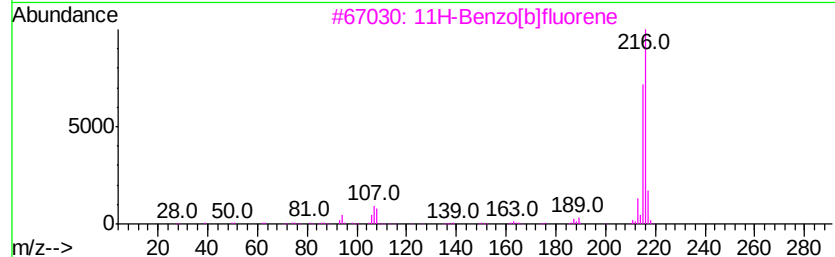
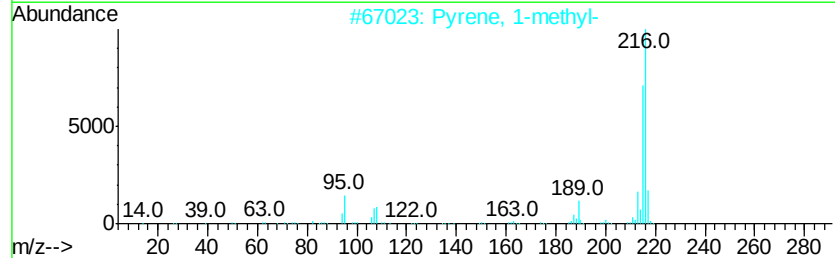
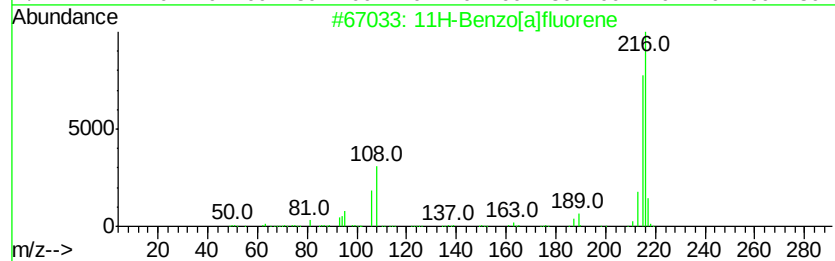
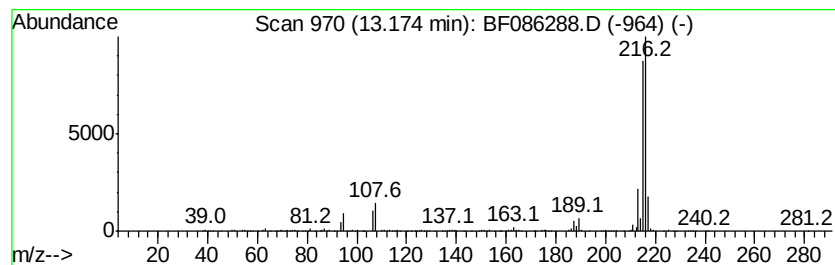
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.87 ng	627034	Chrysene-d12	14.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 94
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 94
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 93
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086288.D
Acq On : 18 Apr 2016 18:10
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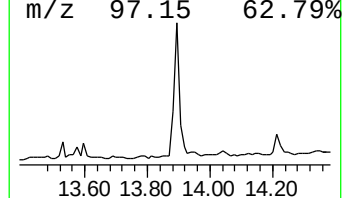
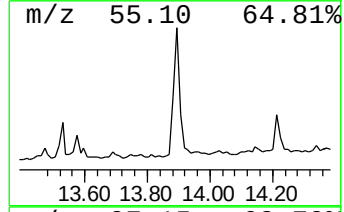
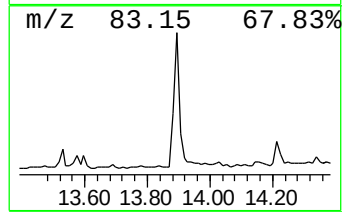
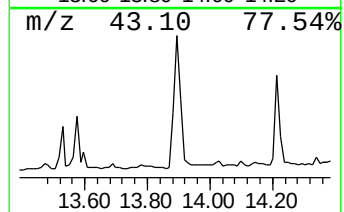
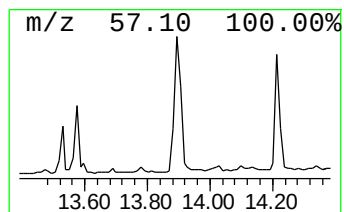
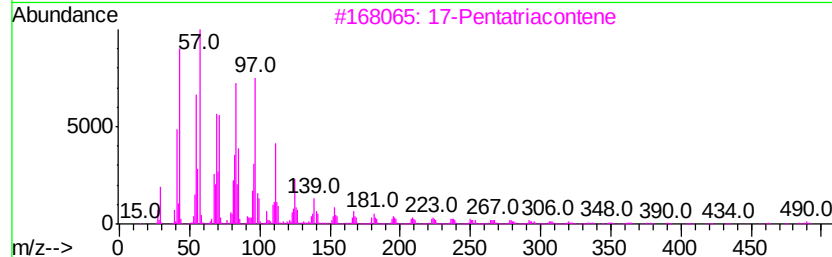
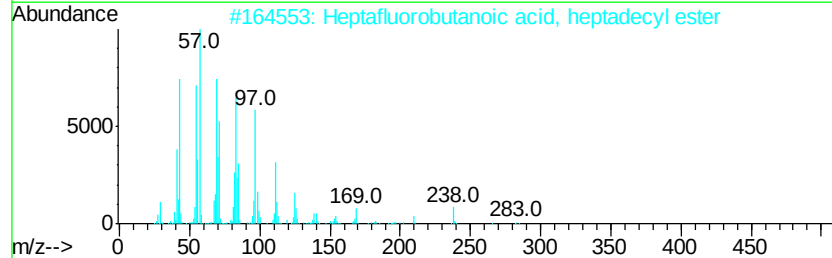
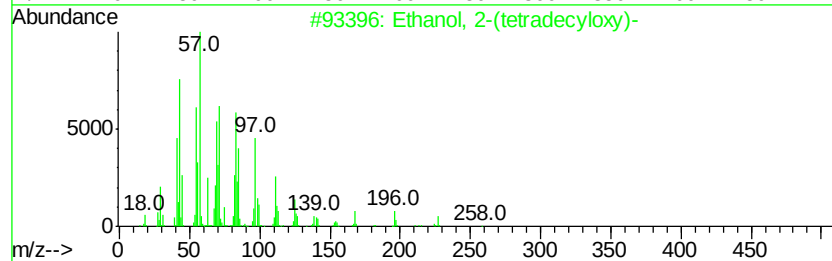
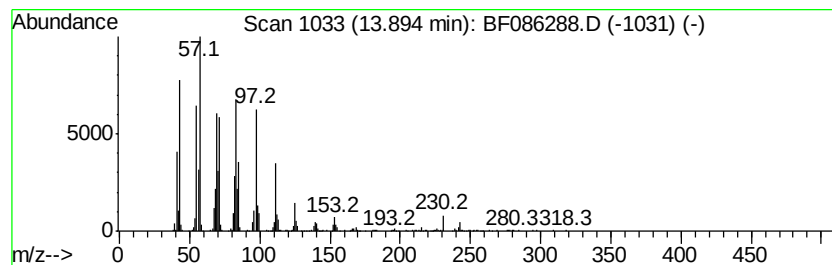
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Ethanol, 2-(tetradecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.77 ng	823119	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
5		1-Octadecanol	270	C18H38O	000112-92-5	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
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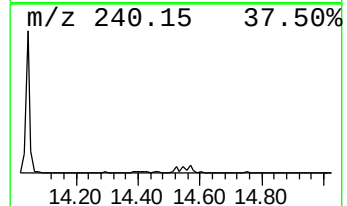
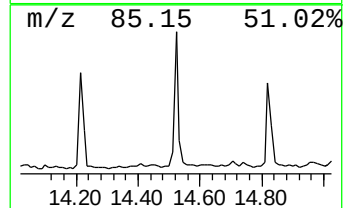
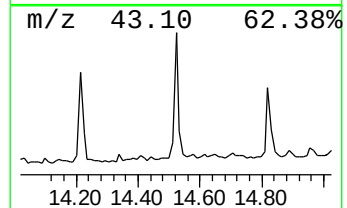
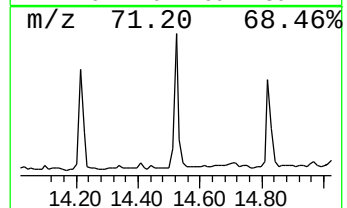
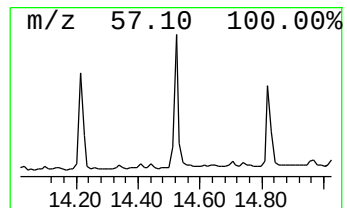
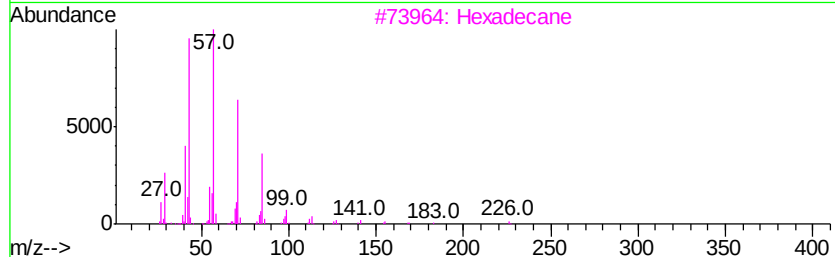
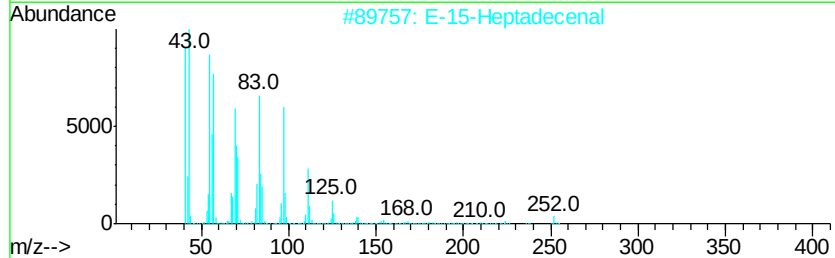
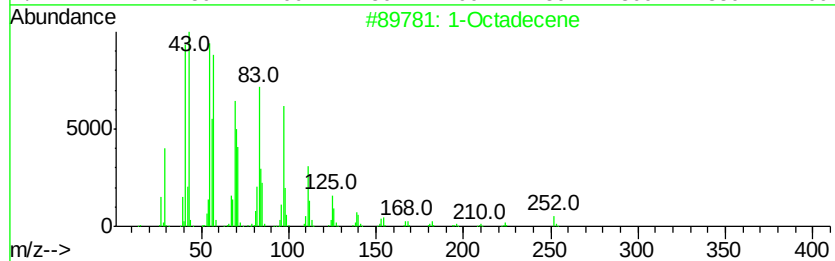
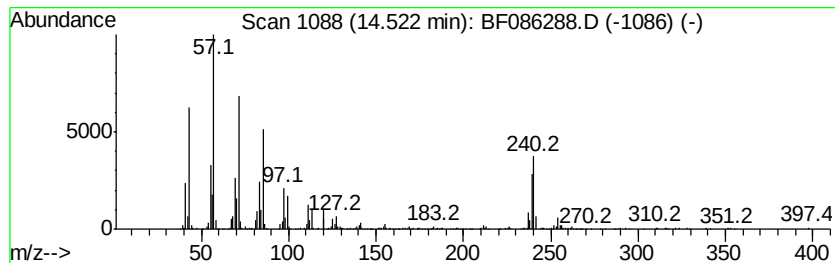
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Octadecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.52	3.08 ng	673226	Chrysene-d12	14.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	90
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	90
3	Hexadecane	226	C16H34	000544-76-3	64
4	Octadecane	254	C18H38	000593-45-3	55
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
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Acq On : 18 Apr 2016 18:10
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ALS Vial : 11 Sample Multiplier: 1

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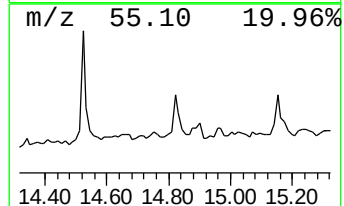
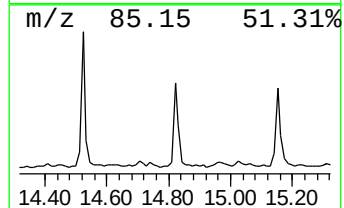
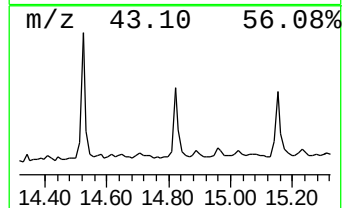
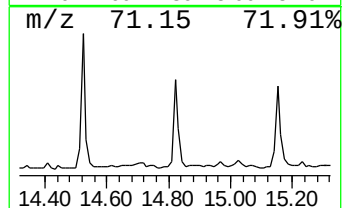
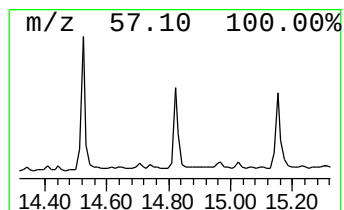
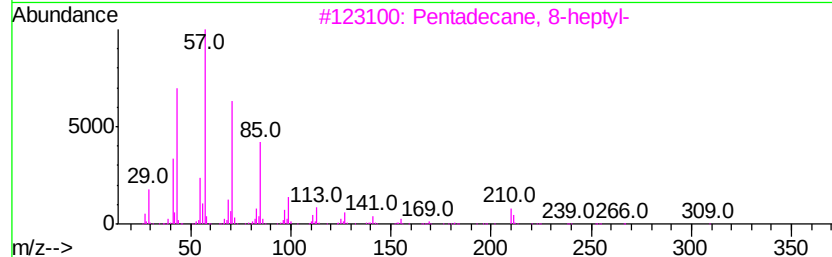
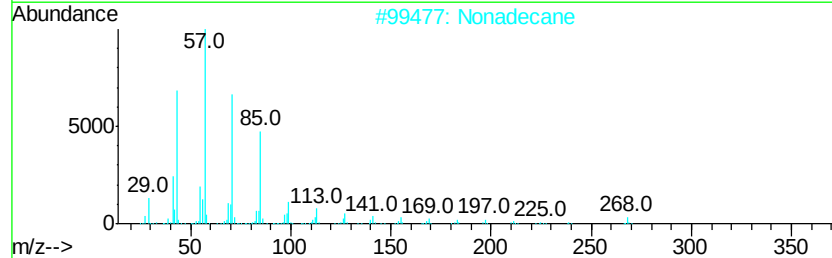
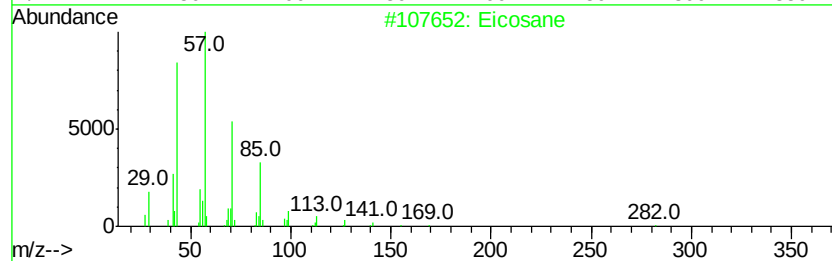
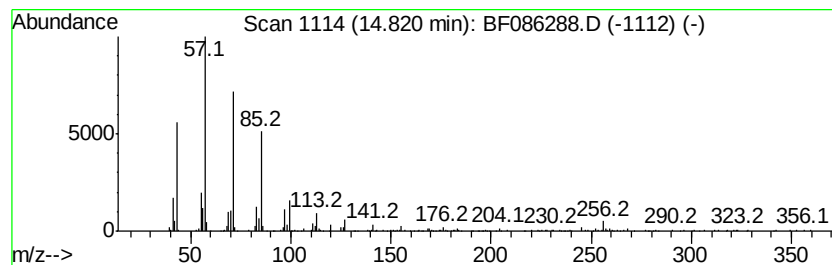
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	4.21 ng	306226	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Nonadecane	268	C19H40	000629-92-5	87
3		Pentadecane, 8-heptvl-	310	C22H46	071005-15-7	86
4		Heneicosane	296	C21H44	000629-94-7	86
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086288.D
Acq On : 18 Apr 2016 18:10
Operator : UM/SJ
Sample : H2413-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2-G-7(0-2)

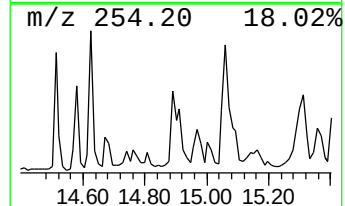
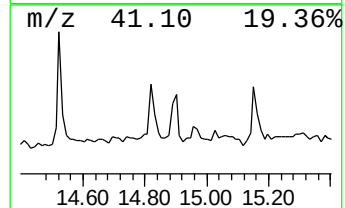
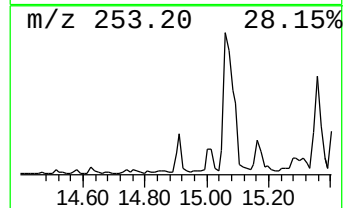
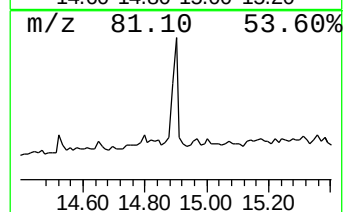
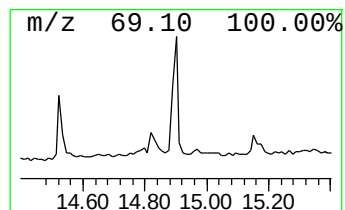
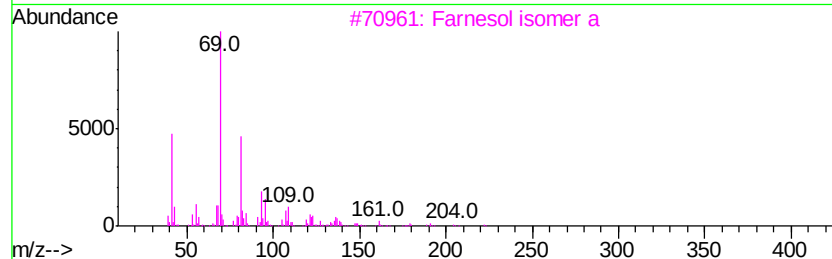
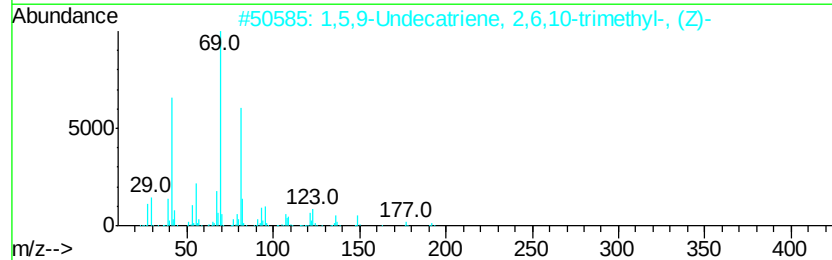
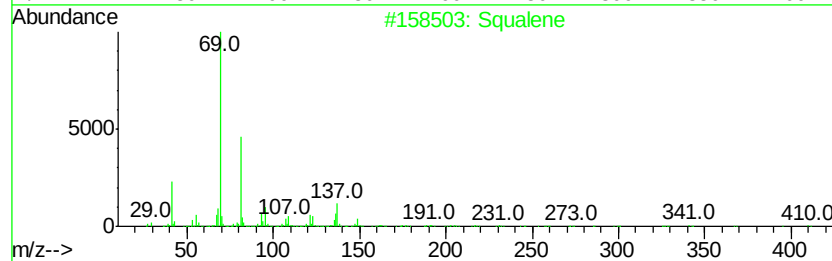
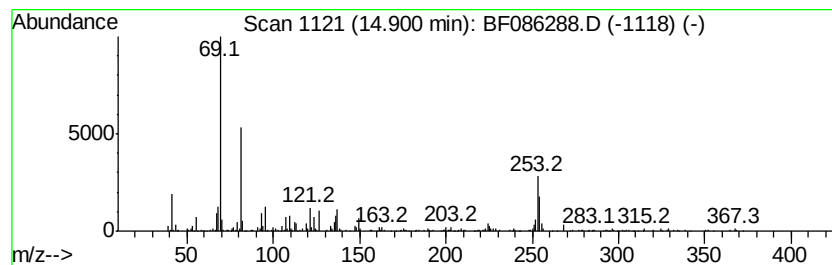
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	3.80 ng	276819	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	53
2		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	53
3		Farnesol isomer a	222	C15H26O	1000108-92-4	53
4		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	50
5		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
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Acq On : 18 Apr 2016 18:10
Operator : UM/SJ
Sample : H2413-07
Misc :
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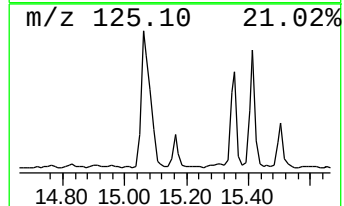
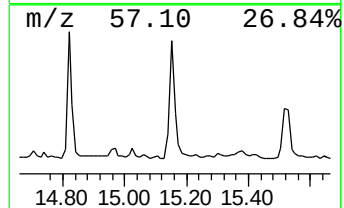
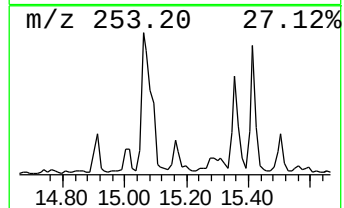
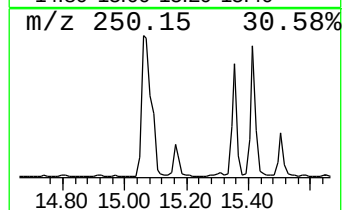
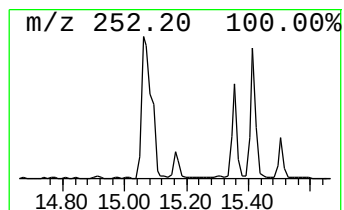
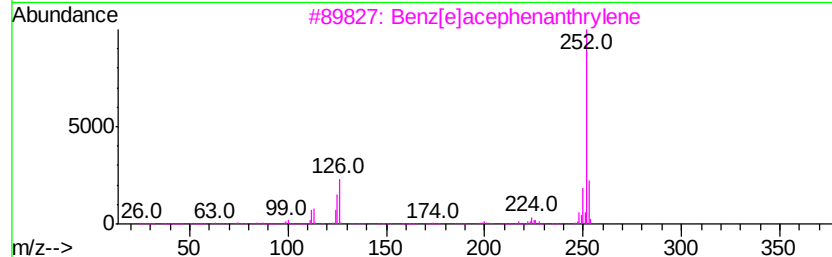
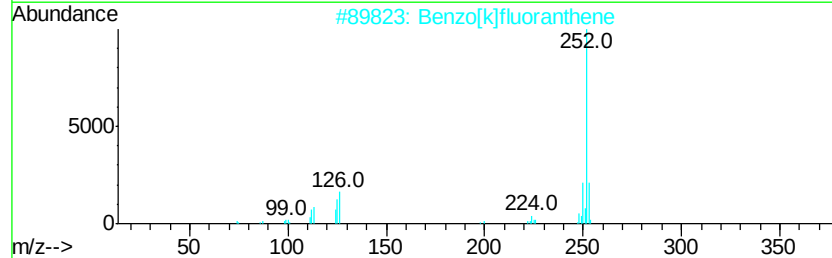
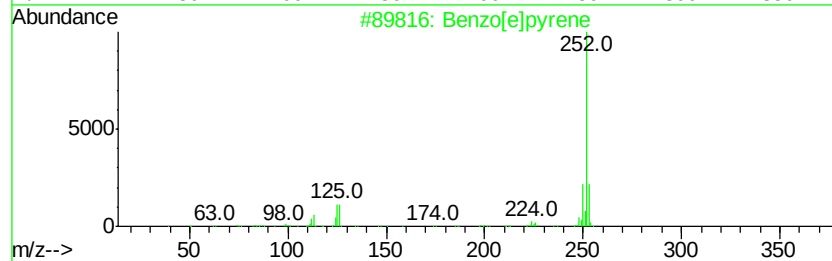
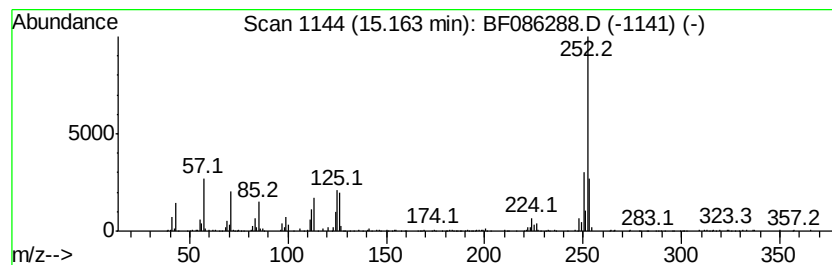
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.16	6.38 ng	464621	Perylene-d12	15.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
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Acq On : 18 Apr 2016 18:10
Operator : UM/SJ
Sample : H2413-07
Misc :
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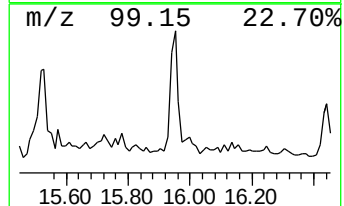
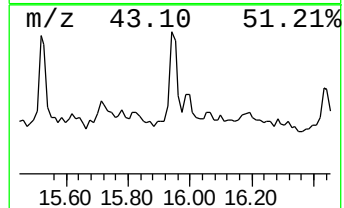
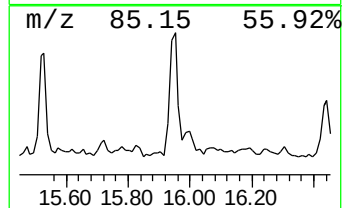
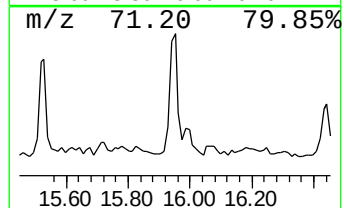
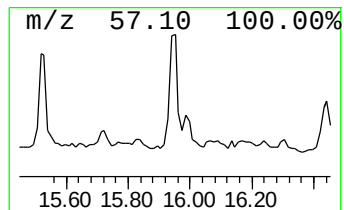
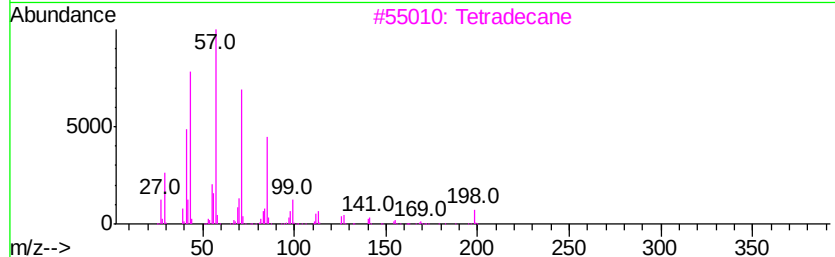
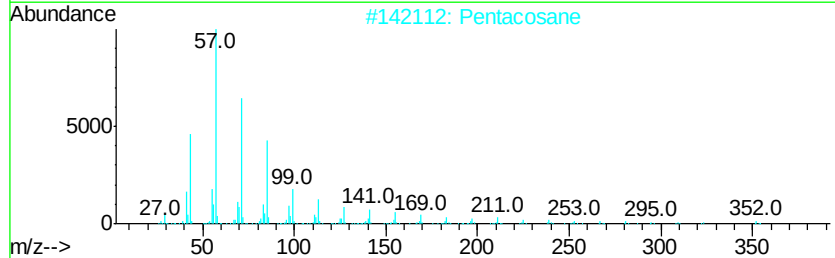
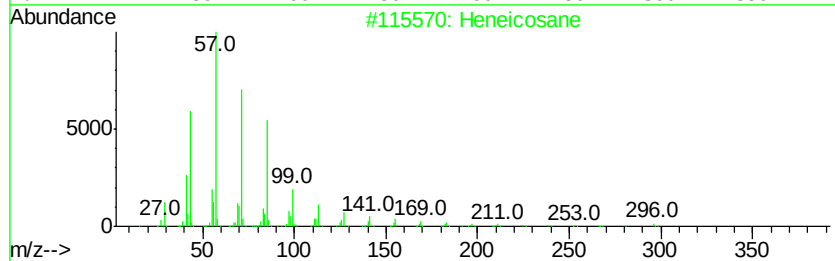
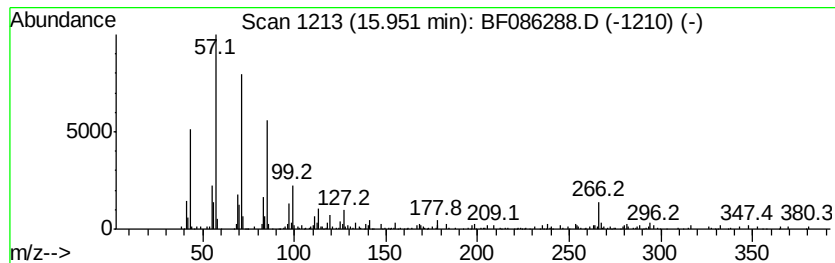
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.95	3.23 ng	234843	Perylene-d12	15.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetradecane	198	C14H30	000629-59-4	86
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
Data File : BF086288.D
Acq On : 18 Apr 2016 18:10
Operator : UM/SJ
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Misc :
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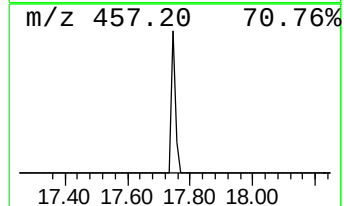
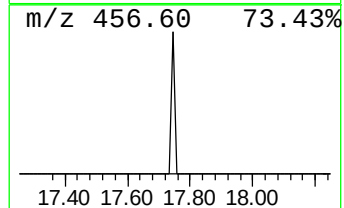
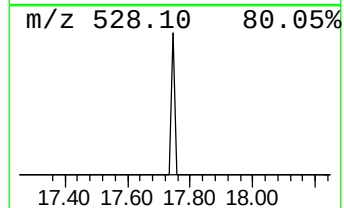
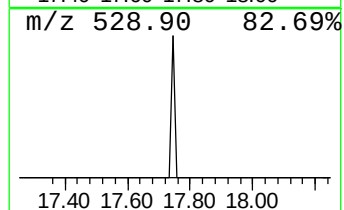
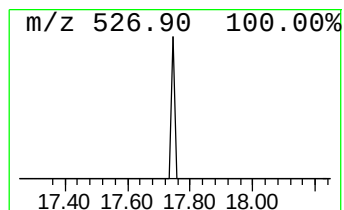
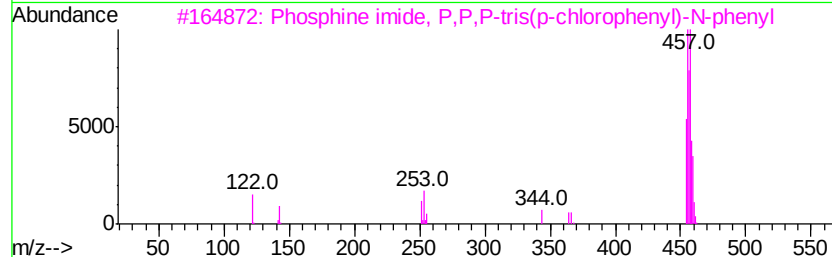
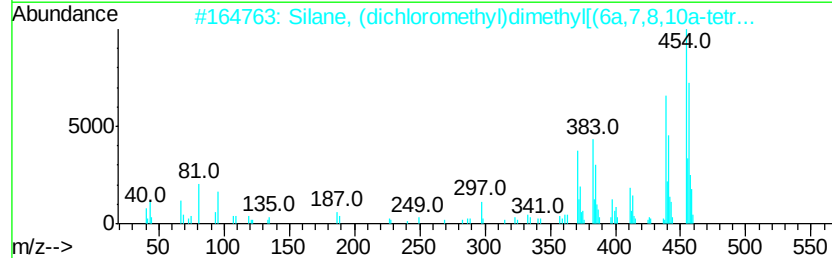
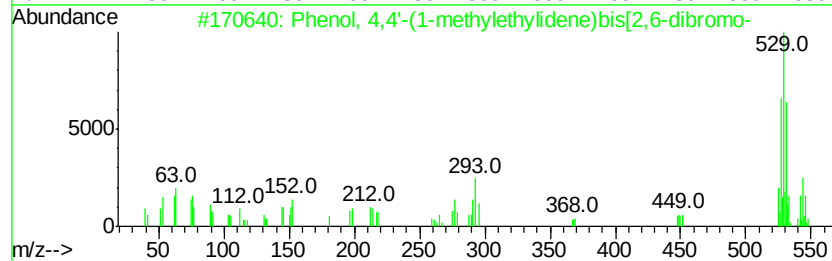
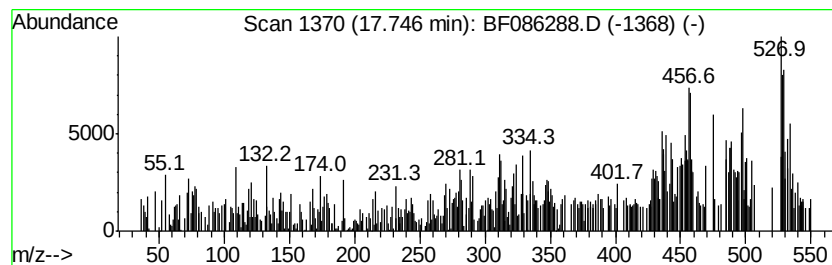
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.75 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	3.39 ng	247037	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene...	540	C15H12Br4O2	000079-94-7	25
2		Silane, (dichloromethyl)dimethyl...	454	C24H36Cl2O2Si	077791-17-4	25
3		Phosphine imide, P,P,P-tris(p-ch...	455	C24H17Cl3NP	014796-92-0	11
4		2-Amino-6,7-bis[4-n-butylbenzyl]...	455	C28H33N5O	049647-34-9	11
5		9,19-Cyclolanostane-6,7-dione, 3...	498	C32H50O4	1000190-56-9	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086288.D
Acq On : 18 Apr 2016 18:10
Operator : UM/SJ
Sample : H2413-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
SP-2-G-7(0-2)

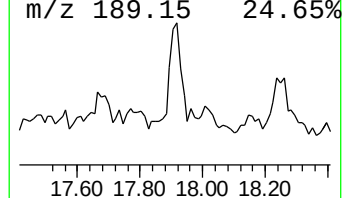
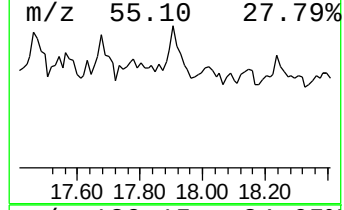
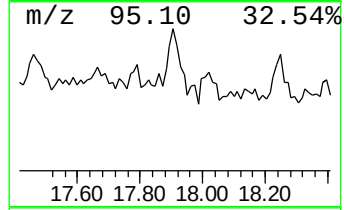
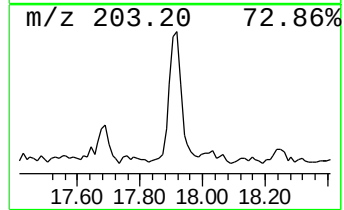
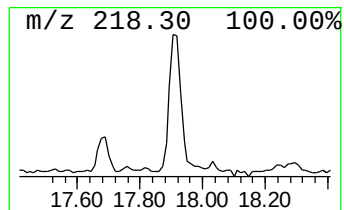
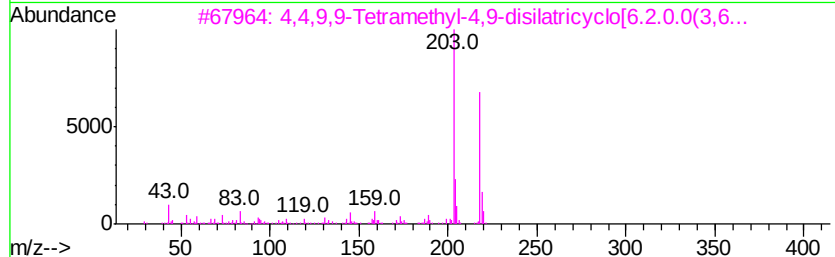
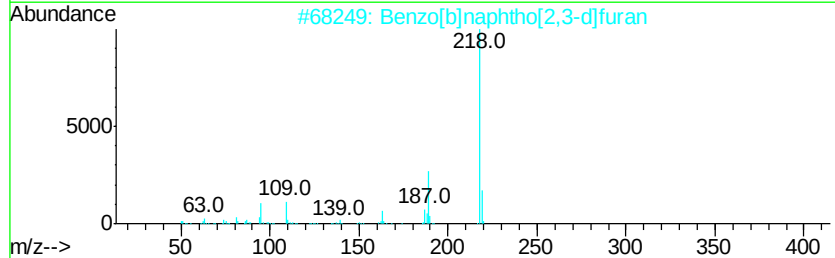
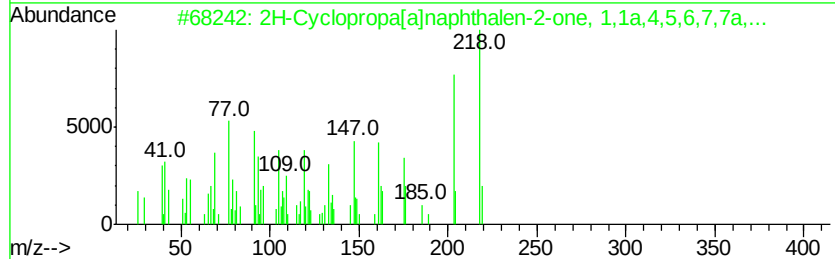
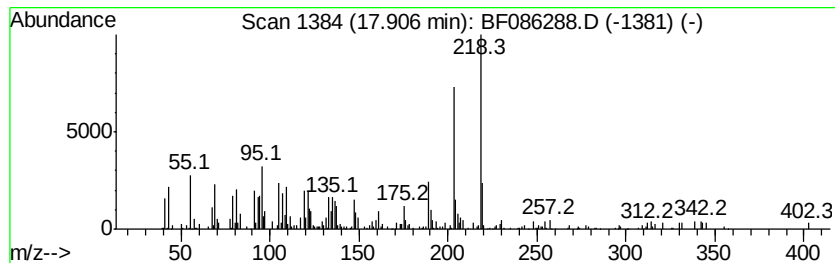
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2H-Cyclopropa[a]naphthalen-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	3.83 ng	278716	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	58
2		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	50
3		4,4,9,9-Tetramethyl-4,9-disilatr...	218	C12H18Si2	1000280-67-7	47
4		Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	47
5		2H-1-Benzopyran-2-one, 7-acetyl-...	260	C14H12O5	129812-32-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086288.D
Acq On : 18 Apr 2016 18:10
Operator : UM/SJ
Sample : H2413-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

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SP-2-G-7(0-2)

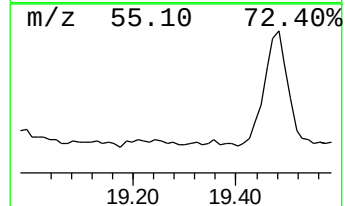
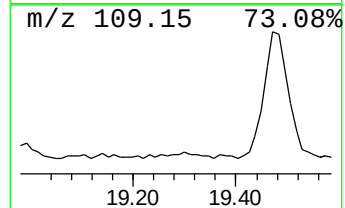
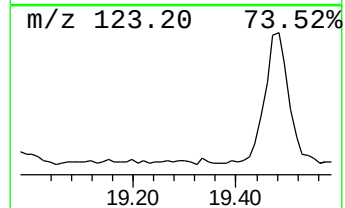
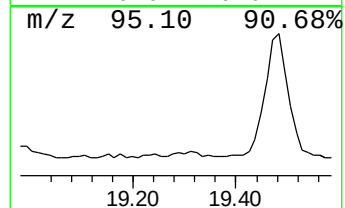
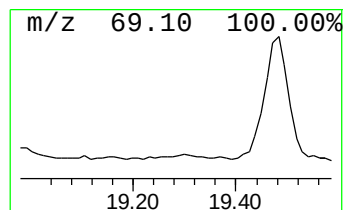
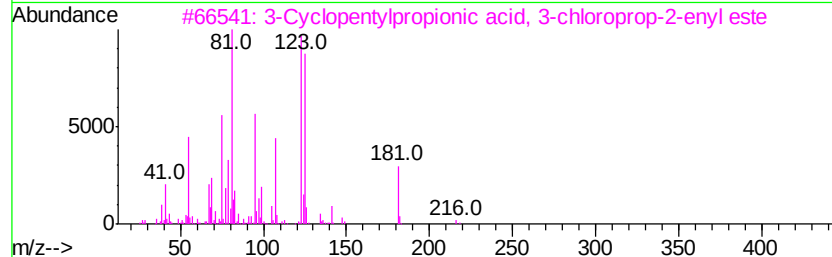
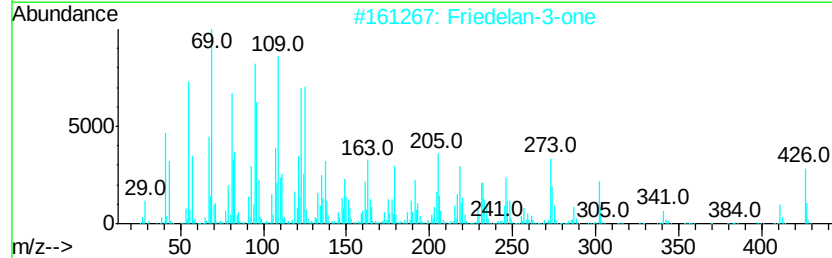
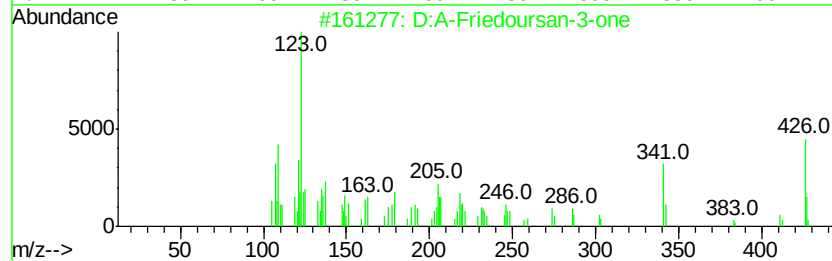
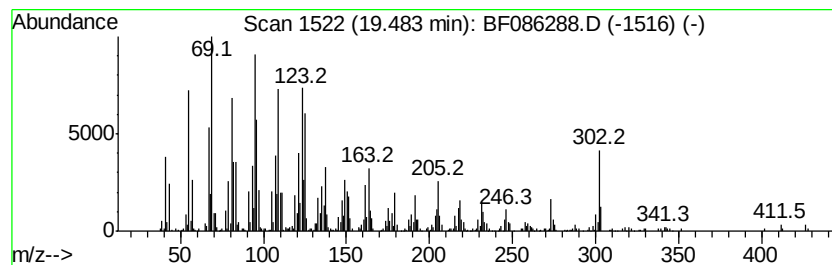
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown19.48 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	23.91 ng	1740230	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D:A-Friedoursan-3-one	426	C30H50O	089950-00-5	45
2		Friedelan-3-one	426	C30H50O	000559-74-0	42
3		3-Cyclopentylpropionic acid, 3-chloroprop-2-enyl ester	216	C11H17ClO2	1000292-47-2	27
4		Ergost-25-ene-3,5,6,12-tetrol, (3S,8S,14S,19S,20S,22S,23S,24S,25S)	448	C28H48O4	056052-97-2	27
5		Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
 Data File : BF086288.D
 Acq On : 18 Apr 2016 18:10
 Operator : UM/SJ
 Sample : H2413-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-G-7(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.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
Propane, 1,1-dime...	2.20	5.5	ng	598212	1	6.89	2173450	20.0
2-Pentanone, 4-hy...	5.09	6.8	ng	736701	1	6.89	2173450	20.0
unknown6.66	6.66	66.6	ng	7235510	1	6.89	2173450	20.0
Decane, 2,3,5-tri...	10.36	2.2	ng	289773	3	9.93	2676090	20.0
Dodecane, 2-methyl-	10.83	2.4	ng	427323	4	11.41	3624570	20.0
Phenanthrene, 2-m...	11.94	2.5	ng	458936	4	11.41	3624570	20.0
4H-Cyclopenta[def...	12.02	3.4	ng	618999	4	11.41	3624570	20.0
11H-Benzo[a]fluorene	13.17	2.9	ng	627034	5	14.04	4368030	20.0
Ethanol, 2-(tetra...	13.89	3.8	ng	823119	5	14.04	4368030	20.0
1-Octadecene	14.52	3.1	ng	673226	5	14.04	4368030	20.0
Eicosane	14.82	4.2	ng	306226	6	15.48	1455930	20.0
Squalene	14.90	3.8	ng	276819	6	15.48	1455930	20.0
Benzo[e]pyrene	15.16	6.4	ng	464621	6	15.48	1455930	20.0
Heneicosane	15.95	3.2	ng	234843	6	15.48	1455930	20.0
unknown17.75	17.75	3.4	ng	247037	6	15.48	1455930	20.0
2H-Cyclopropa[a]n...	17.91	3.8	ng	278716	6	15.48	1455930	20.0
unknown19.48	19.48	23.9	ng	1740230	6	15.48	1455930	20.0