

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088337.D
 Acq On : 24 Jun 2016 17:55
 Operator : UM/SJ
 Sample : H3598-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1398(0-4)

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-BF060716.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	1.713	10	11	47	rVB	544990	1168118	51.27%	3.054%
2	4.730	272	275	286	rBV	51478	111276	4.88%	0.291%
3	5.176	312	314	331	rBV	1448857	1908506	83.76%	4.990%
4	6.250	405	408	415	rBV	1243613	1844805	80.97%	4.824%
5	6.353	415	417	435	rVB	1548170	2030467	89.12%	5.309%
6	6.582	435	437	447	rVB	332926	424566	18.63%	1.110%
7	6.742	449	451	453	rBV	1424741	1632386	71.64%	4.268%
8	7.165	485	488	490	rBV	958753	1284082	56.36%	3.358%
9	7.873	547	550	555	rBV	466005	579788	25.45%	1.516%
10	8.948	641	644	647	rBV	2147757	2278450	100.00%	5.958%
11	9.348	677	679	682	rBV	219641	207147	9.09%	0.542%
12	9.473	688	690	693	rBV	185654	197218	8.66%	0.516%
13	9.611	700	702	705	rBV	570107	642360	28.19%	1.680%
14	10.056	740	741	744	rVB2	33514	38975	1.71%	0.102%
15	10.159	747	750	754	rVB2	36732	60367	2.65%	0.158%
16	10.411	769	772	774	rBV2	995570	1409751	61.87%	3.686%
17	10.525	780	782	786	rVB	58170	99645	4.37%	0.261%
18	10.708	796	798	803	rBV3	27670	59109	2.59%	0.155%
19	10.856	807	811	814	rVV2	44998	95069	4.17%	0.249%
20	11.096	829	832	836	rBV2	475699	1055417	46.32%	2.760%
21	11.165	836	838	840	rVV	201987	219978	9.65%	0.575%
22	11.336	850	853	856	rBV3	68622	147816	6.49%	0.387%
23	11.394	856	858	861	rVV4	32417	75243	3.30%	0.197%
24	11.588	873	875	877	rVV	112851	151008	6.63%	0.395%
25	11.622	877	878	880	rVV	167683	137461	6.03%	0.359%
26	11.668	880	882	883	rVV	91664	82118	3.60%	0.215%
27	11.702	883	885	890	rVB2	206374	365960	16.06%	0.957%
28	11.805	893	894	898	rVV4	28609	45314	1.99%	0.118%
29	11.885	900	901	903	rVV	92778	94209	4.13%	0.246%
30	11.919	903	904	906	rVB2	49563	62001	2.72%	0.162%
31	12.034	911	914	915	rBV2	46809	64289	2.82%	0.168%
32	12.068	915	917	918	rVB	59242	46493	2.04%	0.122%
33	12.136	921	923	925	rBV	176666	210761	9.25%	0.551%
34	12.194	925	928	930	rVV2	78363	164102	7.20%	0.429%

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35	12.228	930	931	935	rVB	152012	191451	8.40%	0.501%
36	12.297	935	937	940	rBV	1250197	1590521	69.81%	4.159%
37	12.365	940	943	944	rVV3	38268	66097	2.90%	0.173%
38	12.399	944	946	948	rVB	67095	89532	3.93%	0.234%
39	12.445	948	950	952	rBV	89679	106021	4.65%	0.277%
40	12.525	954	957	960	rBV	1411180	1719059	75.45%	4.495%
41	12.582	960	962	964	rVB	99223	140623	6.17%	0.368%
42	12.674	966	970	974	rBV	1652712	1997219	87.66%	5.222%
43	12.742	974	976	979	rBV2	162201	304574	13.37%	0.796%
44	12.857	982	986	988	rVB2	182498	416256	18.27%	1.088%
45	12.914	988	991	993	rBV4	82391	163586	7.18%	0.428%
46	12.959	993	995	999	rVB	214000	290515	12.75%	0.760%
47	13.051	1001	1003	1004	rVB	101083	119073	5.23%	0.311%
48	13.074	1004	1005	1010	rVB3	104135	169514	7.44%	0.443%
49	13.154	1010	1012	1015	rVB3	40289	82454	3.62%	0.216%
50	13.257	1019	1021	1026	rVB3	43702	81455	3.58%	0.213%
51	13.337	1026	1028	1029	rBV	29825	38996	1.71%	0.102%
52	13.371	1029	1031	1034	rVB	197154	249070	10.93%	0.651%
53	13.417	1034	1035	1037	rBV2	42651	48097	2.11%	0.126%
54	13.474	1037	1040	1043	rBV2	167984	398593	17.49%	1.042%
55	13.519	1043	1044	1047	rVV2	140456	180902	7.94%	0.473%
56	13.577	1047	1049	1053	rVB2	185544	285225	12.52%	0.746%
57	13.634	1053	1054	1058	rVB3	27527	44286	1.94%	0.116%
58	13.714	1058	1061	1063	rBV2	930166	1617840	71.01%	4.230%
59	13.748	1063	1064	1066	rVV	727335	597909	26.24%	1.563%
60	13.817	1068	1070	1072	rVB2	54321	76065	3.34%	0.199%
61	13.874	1074	1075	1078	rVV3	81044	133313	5.85%	0.349%
62	13.931	1078	1080	1081	rVB2	56288	46271	2.03%	0.121%
63	14.102	1091	1095	1097	rBV	180325	345427	15.16%	0.903%
64	14.194	1101	1103	1104	rVV2	71357	130417	5.72%	0.341%
65	14.228	1104	1106	1111	rVV3	140177	273800	12.02%	0.716%
66	14.297	1111	1112	1115	rVB2	57002	69607	3.06%	0.182%
67	14.422	1119	1123	1127	rBV5	77266	191900	8.42%	0.502%
68	14.502	1127	1130	1133	rVB3	42665	106324	4.67%	0.278%
69	14.560	1133	1135	1136	rBV	80823	159875	7.02%	0.418%
70	14.582	1136	1137	1139	rVV	126014	115856	5.08%	0.303%
71	14.628	1139	1141	1142	rVV2	41145	54884	2.41%	0.144%

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72	14.674	1142	1145	1146	rVB2	30294	56092	2.46%	0.147%
73	14.720	1146	1149	1153	rBV	847394	1555733	68.28%	4.068%
74	14.777	1153	1154	1155	rVV	200351	192411	8.44%	0.503%
75	14.811	1155	1157	1162	rVB	193699	257039	11.28%	0.672%
76	14.902	1162	1165	1166	rBV	42697	97542	4.28%	0.255%
77	14.971	1169	1171	1174	rVV	460129	551549	24.21%	1.442%
78	15.028	1174	1176	1179	rVV	564731	685823	30.10%	1.793%
79	15.074	1179	1180	1186	rVB2	274028	606741	26.63%	1.587%
80	15.268	1195	1197	1199	rVB2	43816	66854	2.93%	0.175%
81	15.451	1211	1213	1215	rBV2	37604	54130	2.38%	0.142%
82	15.520	1215	1219	1221	rVV2	20116	44918	1.97%	0.117%
83	15.554	1221	1222	1227	rVB2	42823	61208	2.69%	0.160%
84	15.680	1231	1233	1237	rVB4	20615	44739	1.96%	0.117%
85	15.977	1256	1259	1261	rBV3	23472	52175	2.29%	0.136%
86	16.011	1261	1262	1264	rVV2	35484	54655	2.40%	0.143%
87	16.068	1264	1267	1270	rVV2	41679	86022	3.78%	0.225%
88	16.160	1272	1275	1276	rVV2	59074	90484	3.97%	0.237%
89	16.240	1280	1282	1286	rVB2	31405	66522	2.92%	0.174%
90	16.331	1286	1290	1294	rBV	311819	578980	25.41%	1.514%
91	16.388	1294	1295	1298	rVB2	37680	51029	2.24%	0.133%
92	16.468	1298	1302	1305	rBV3	70275	169794	7.45%	0.444%
93	16.525	1305	1307	1310	rVV2	45802	88386	3.88%	0.231%
94	16.594	1310	1313	1316	rVV3	29183	70226	3.08%	0.184%
95	16.697	1320	1322	1331	rVB	164914	373549	16.39%	0.977%
96	16.914	1339	1341	1347	rVB2	34955	84808	3.72%	0.222%
97	17.566	1396	1398	1404	rVB6	15818	45598	2.00%	0.119%
98	18.229	1449	1456	1457	rBV4	12211	49148	2.16%	0.129%
99	18.594	1483	1488	1499	rBV2	35277	170901	7.50%	0.447%
100	18.777	1500	1504	1526	rVB	33795	249319	10.94%	0.652%

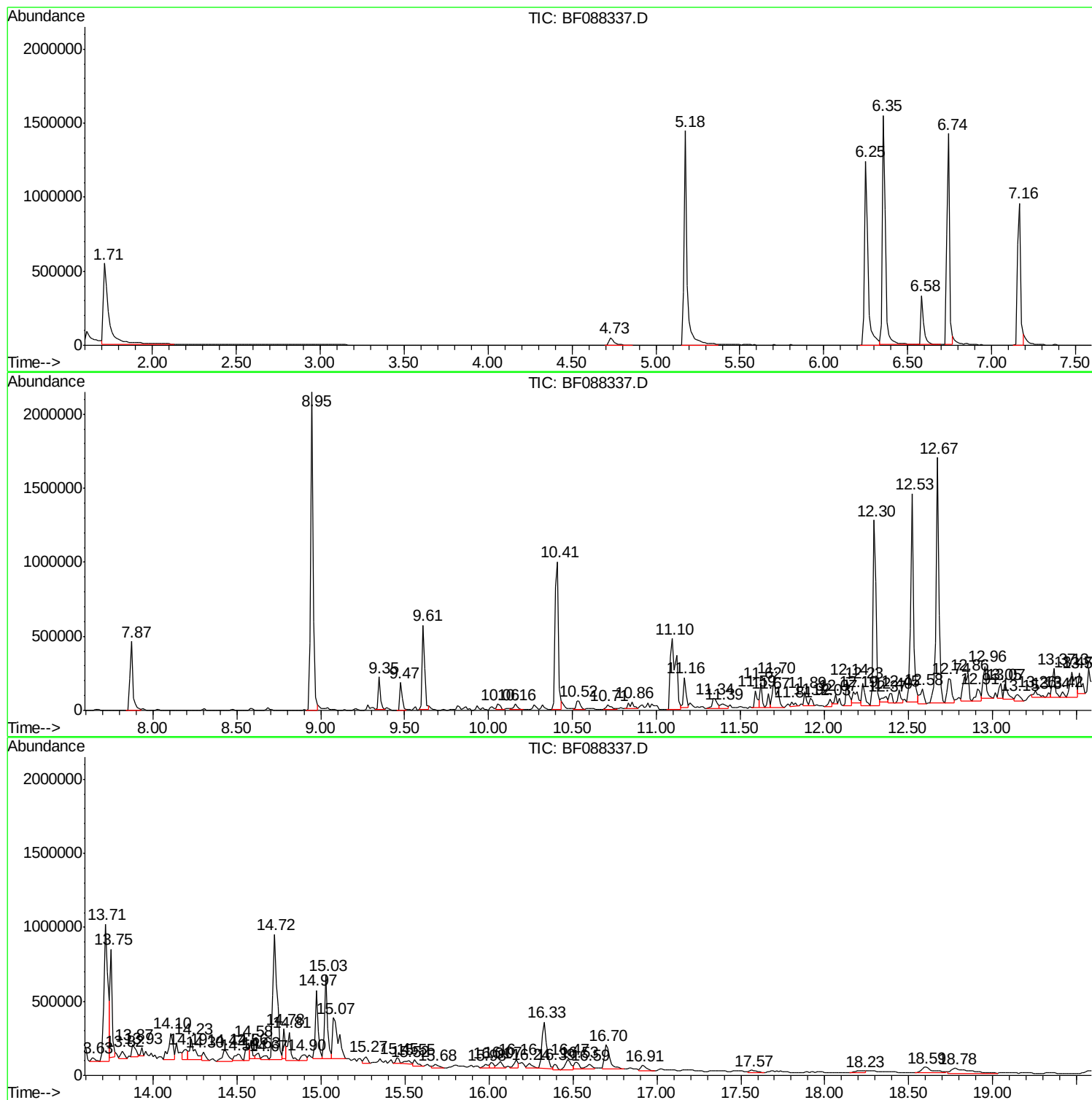
Sum of corrected areas: 38243237

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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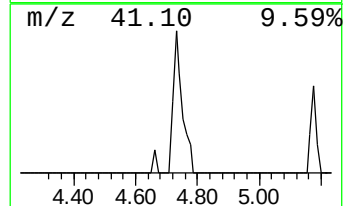
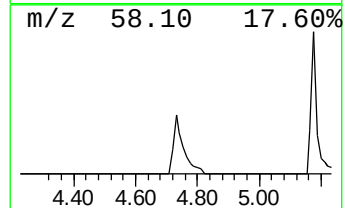
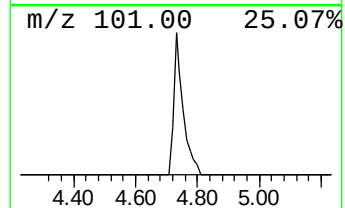
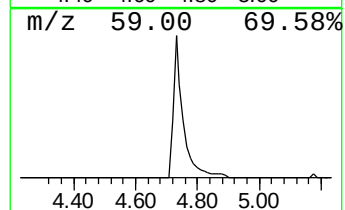
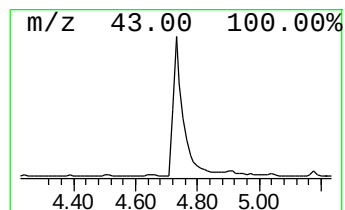
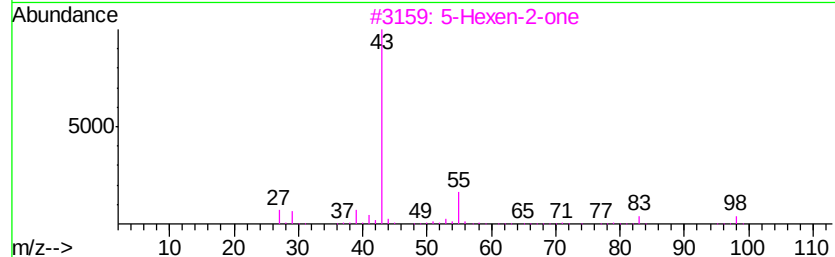
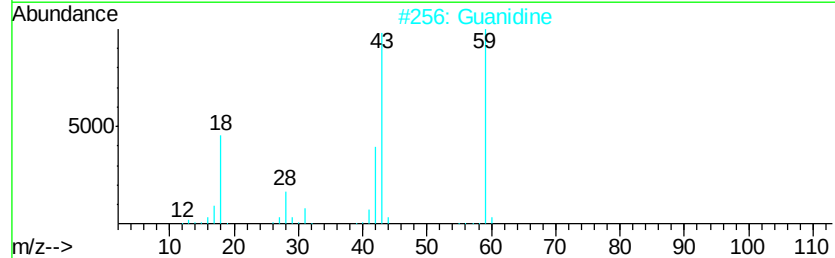
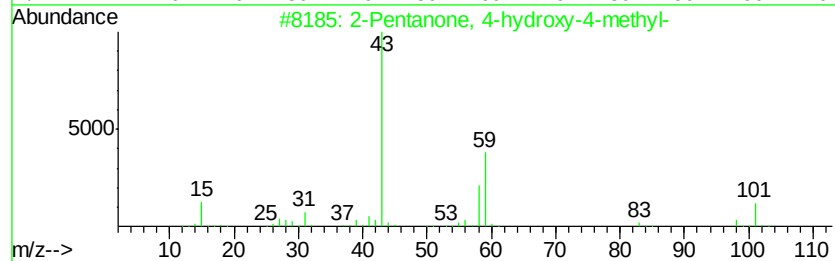
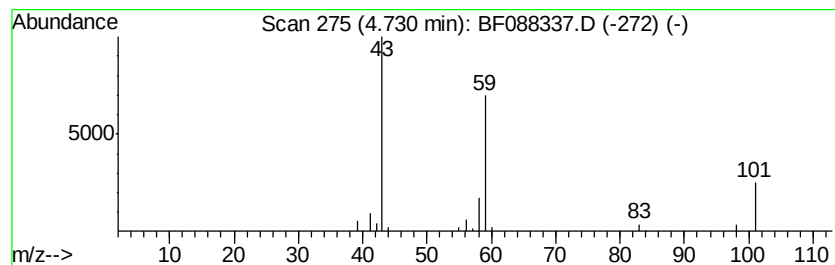
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	5.24 ng	111276	1,4-Dichlorobenzene-d4	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Guanidine	59	CH5N3	000113-00-8	43
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	9



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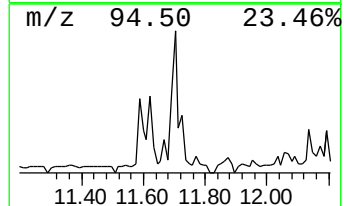
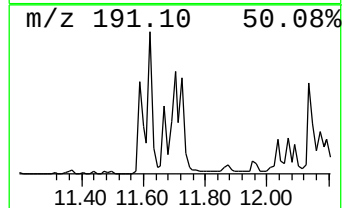
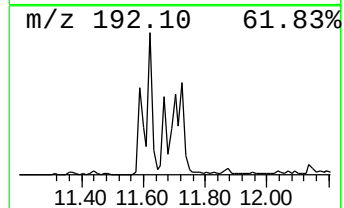
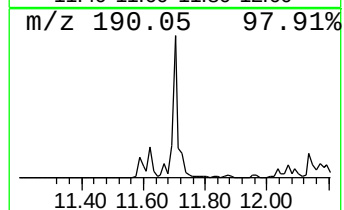
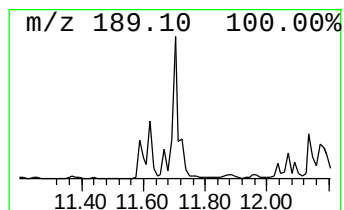
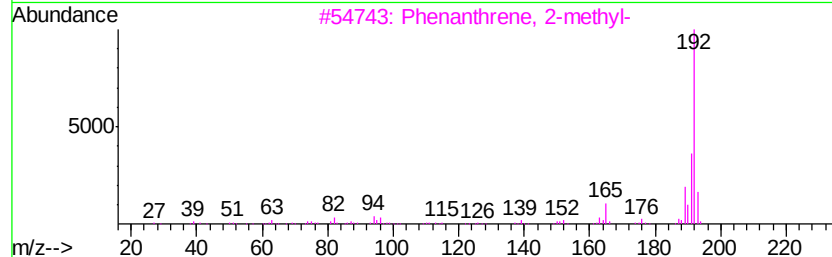
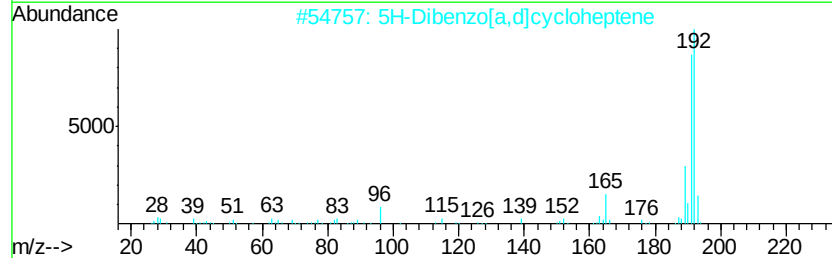
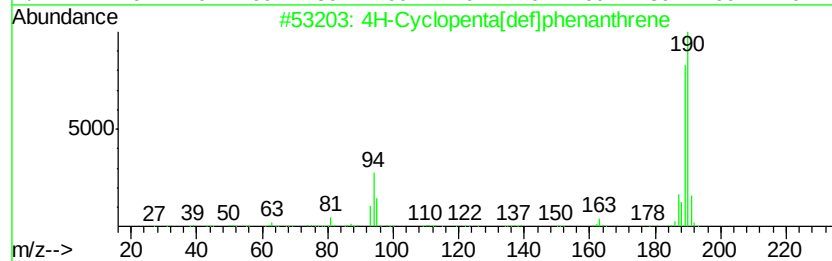
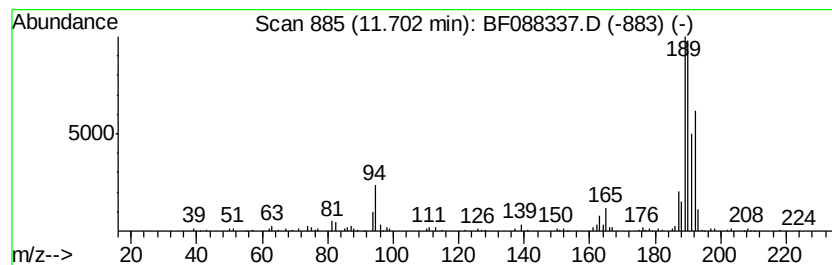
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	6.93 ng	365960	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	20
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	20
5		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18



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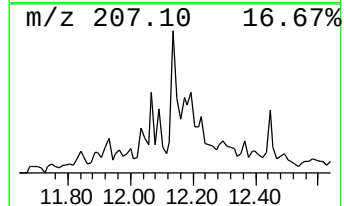
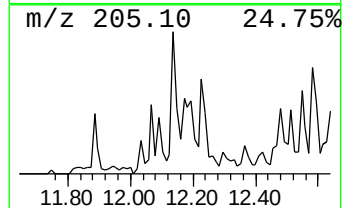
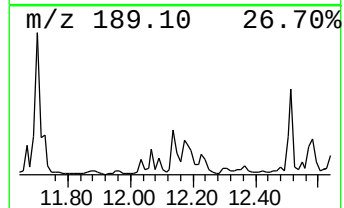
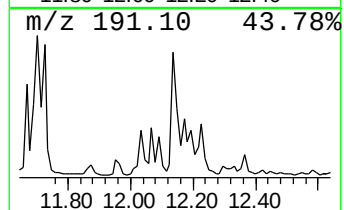
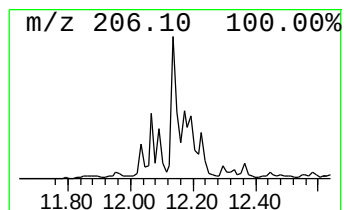
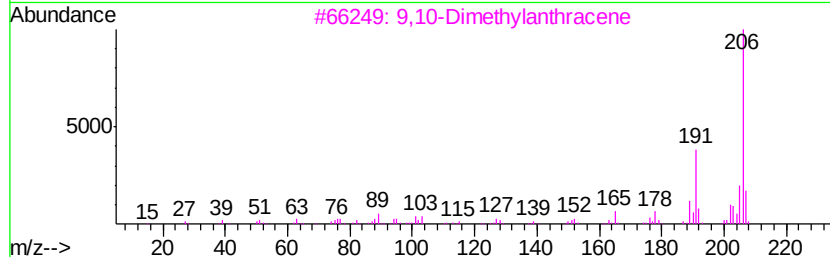
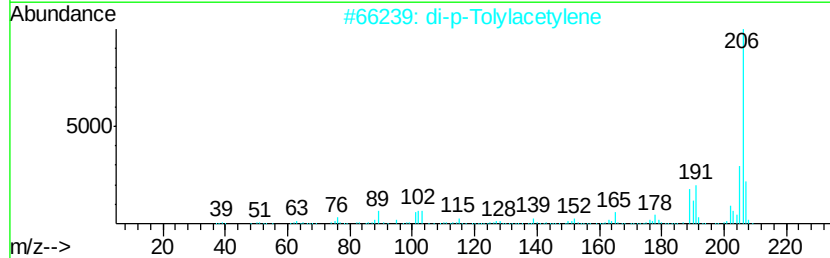
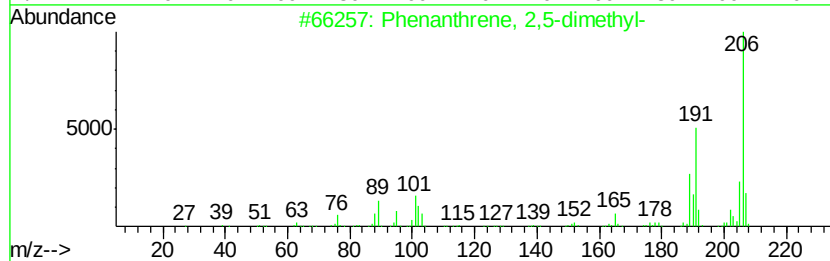
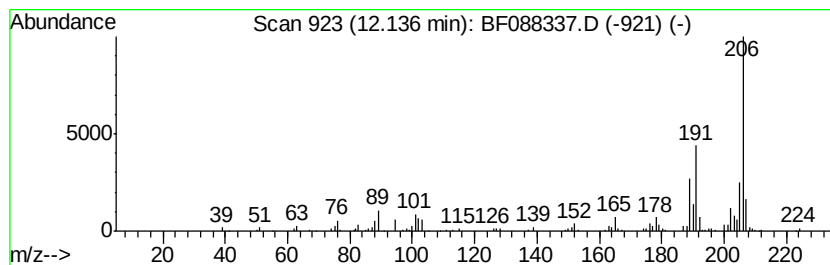
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.99 ng	210761	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	96
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088337.D
Acq On : 24 Jun 2016 17:55
Operator : UM/SJ
Sample : H3598-19
Misc :
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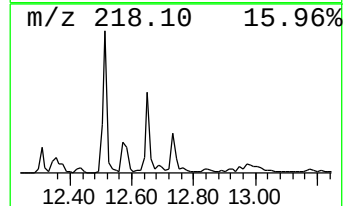
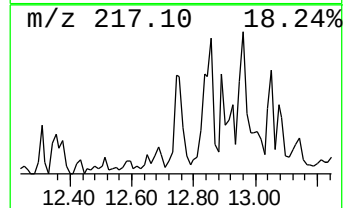
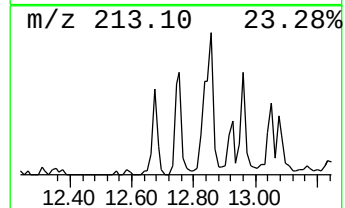
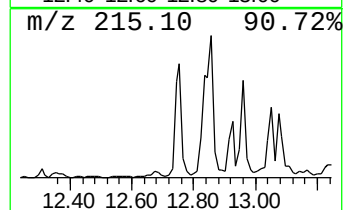
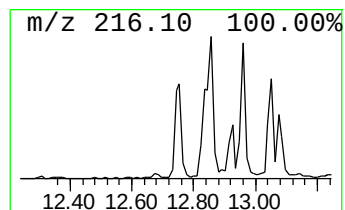
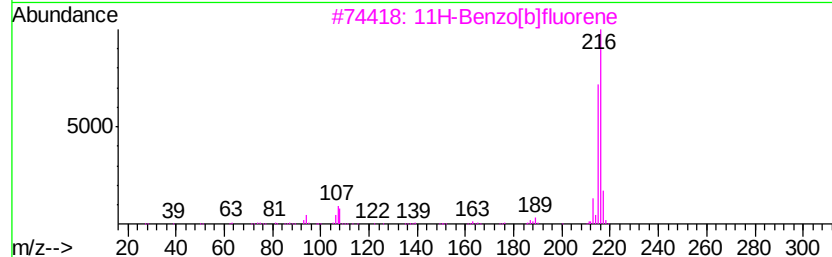
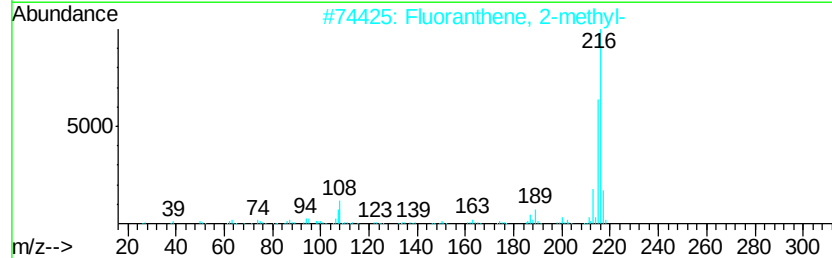
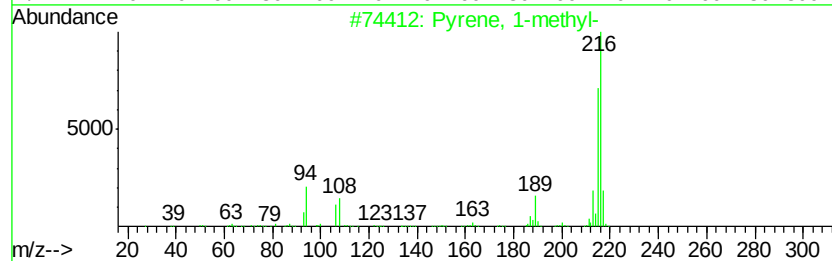
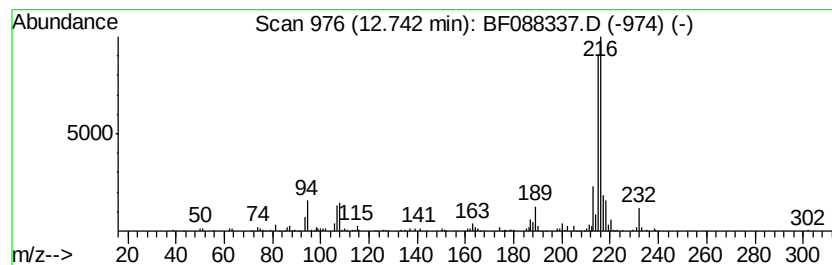
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	3.77 ng	304574	Chrysene-d12	13.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 95
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 81
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
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Sample : H3598-19
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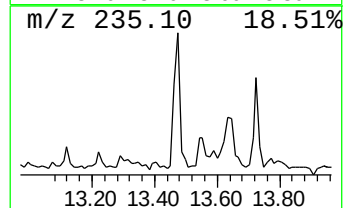
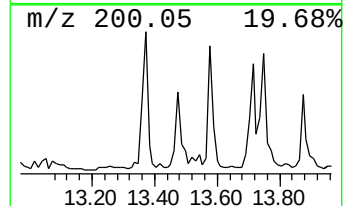
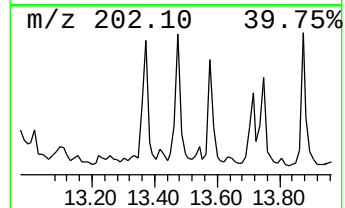
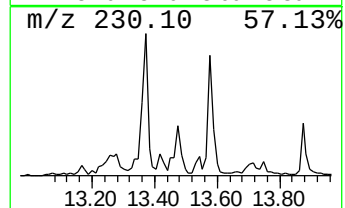
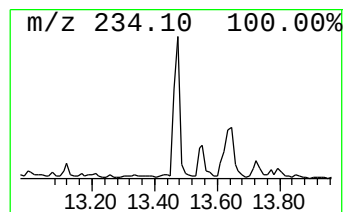
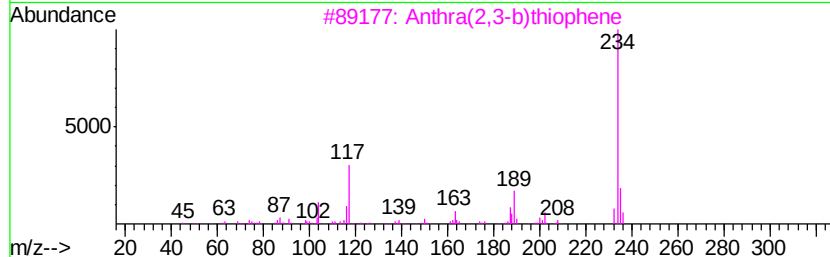
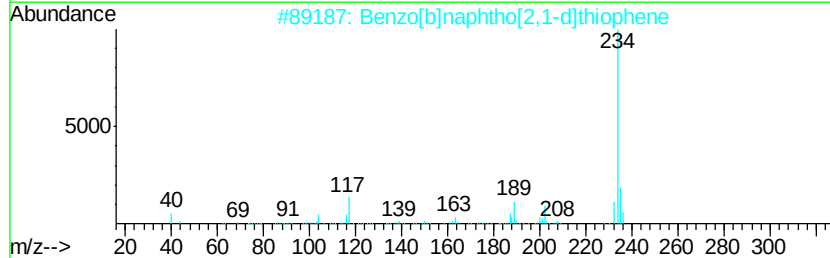
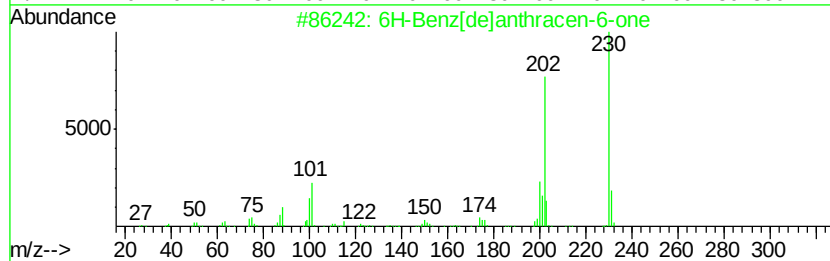
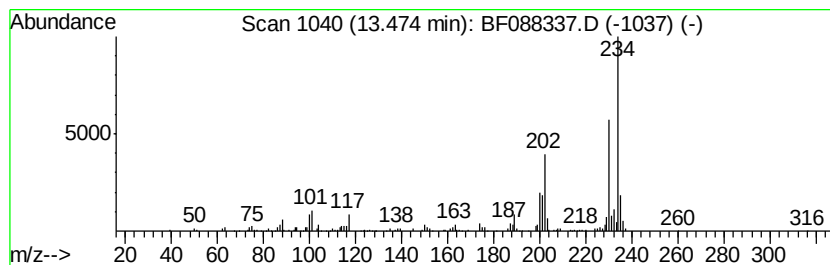
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 6H-Benz[de]anthracen-6-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.47	4.93 ng	398593	Chrysene-d12	13.73		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	53
3		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	52
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	52
5		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088337.D
Acq On : 24 Jun 2016 17:55
Operator : UM/SJ
Sample : H3598-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PM-STA-1398(0-4)

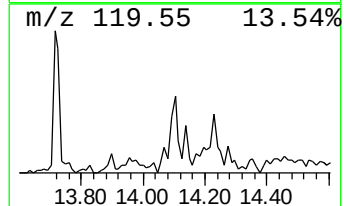
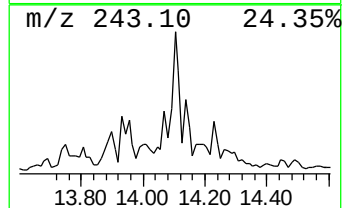
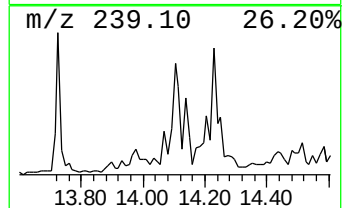
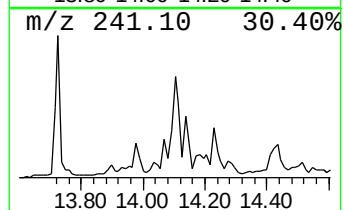
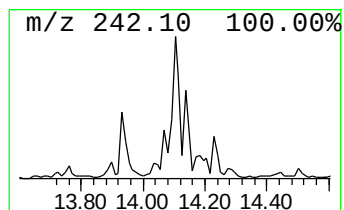
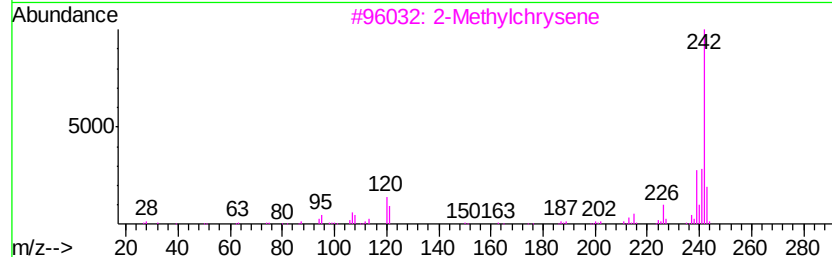
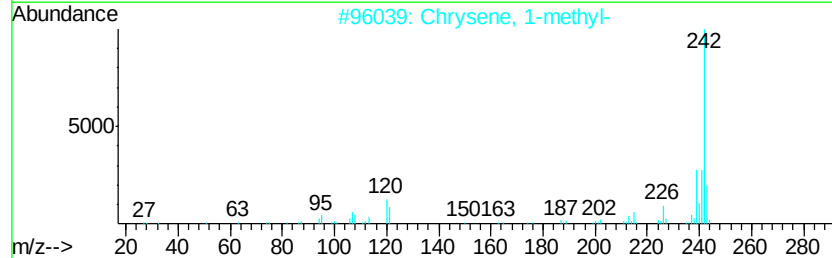
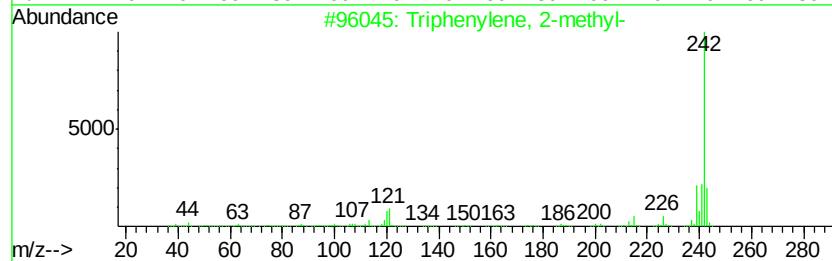
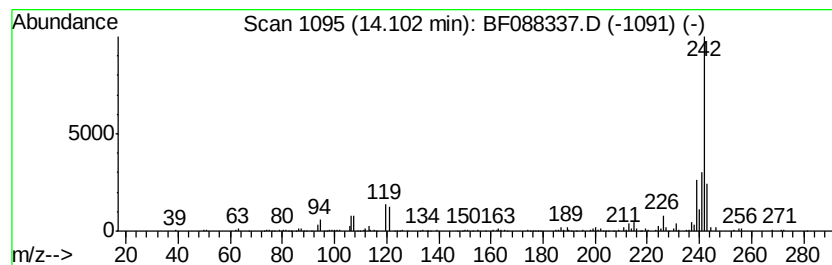
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Triphenylene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	4.27 ng	345427	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
2		Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
3		2-Methylchrysene	242	C19H14	003351-32-4	95
4		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
5		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088337.D
Acq On : 24 Jun 2016 17:55
Operator : UM/SJ
Sample : H3598-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

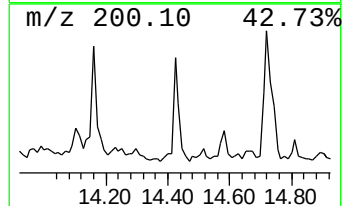
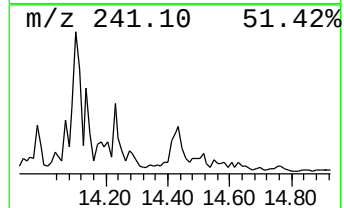
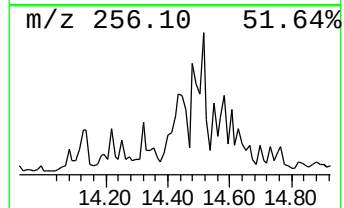
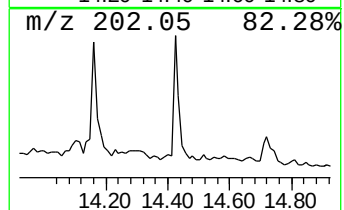
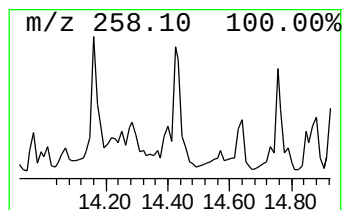
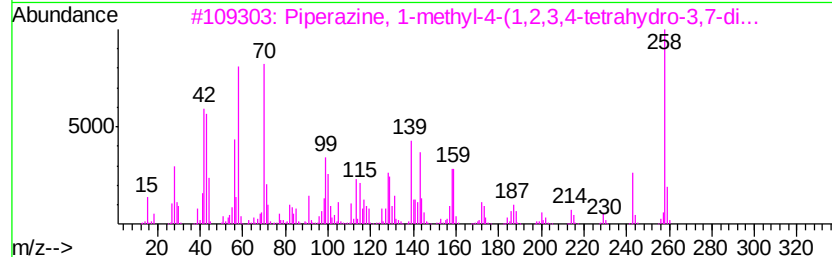
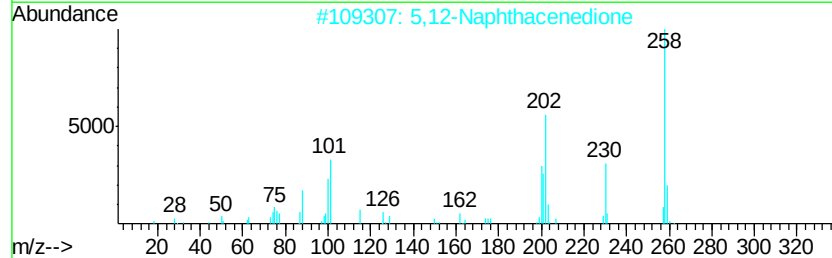
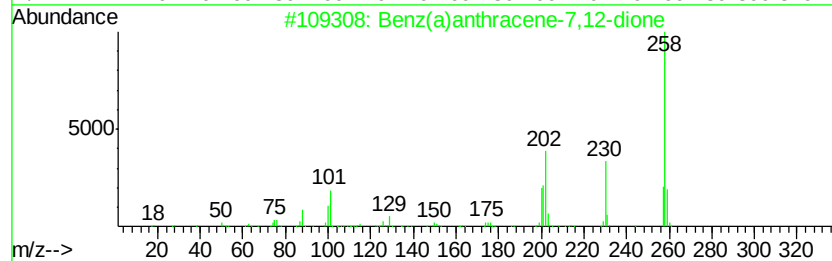
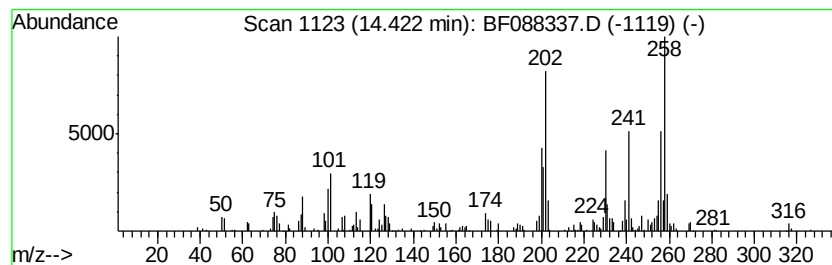
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benz(a)anthracene-7,12-dione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.42	6.33 ng	191900	Perylene-d12	15.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
2	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	92
3	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	90
4	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	60
5	Pyrene	202	C16H10	000129-00-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
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Sample : H3598-19
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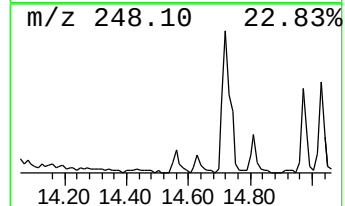
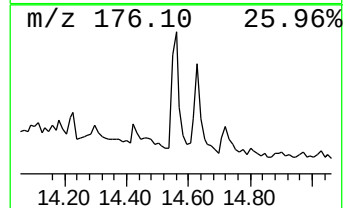
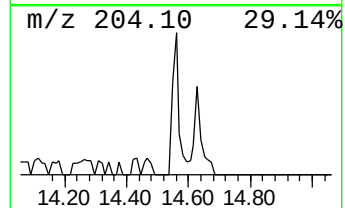
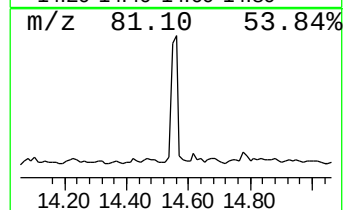
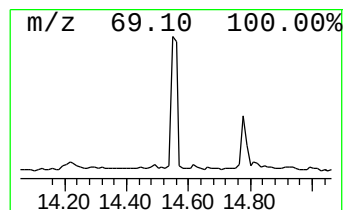
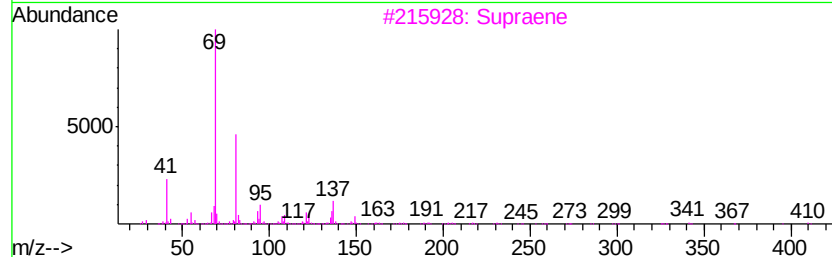
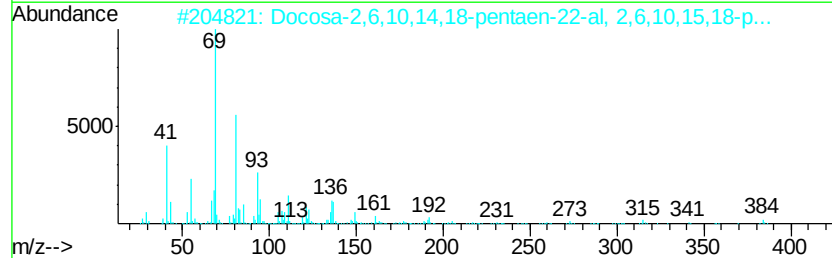
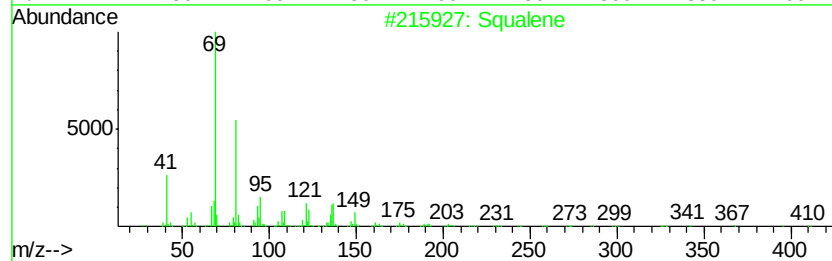
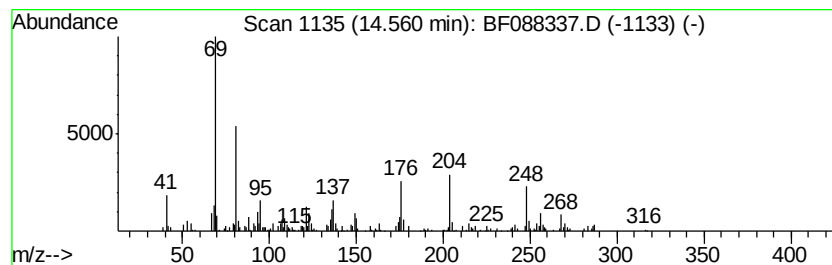
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	5.27 ng	159875	Perylene-d12	15.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 55
2	Docosa-2,6,10,14,18-pentaen-22-a...		384 C27H44O	1000163-04-7 46
3	Supraene		410 C30H50	007683-64-9 45
4	Trideca-1,3,7,11-tetraene-1,1-di...		268 C18H24N2	1000159-88-9 45
5	Cyclopropanecarboxylic acid, 4-i...		204 C13H16O2	1000331-01-9 43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088337.D
Acq On : 24 Jun 2016 17:55
Operator : UM/SJ
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ALS Vial : 8 Sample Multiplier: 1

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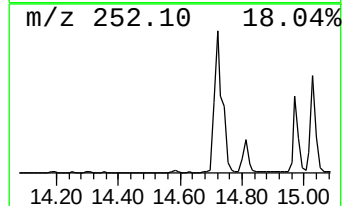
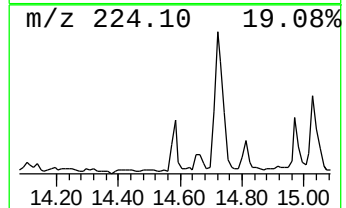
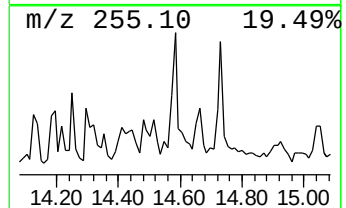
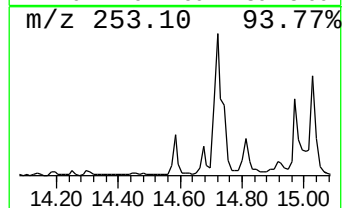
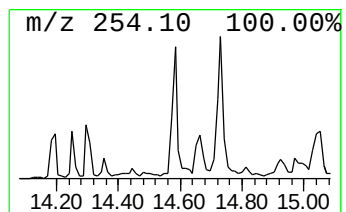
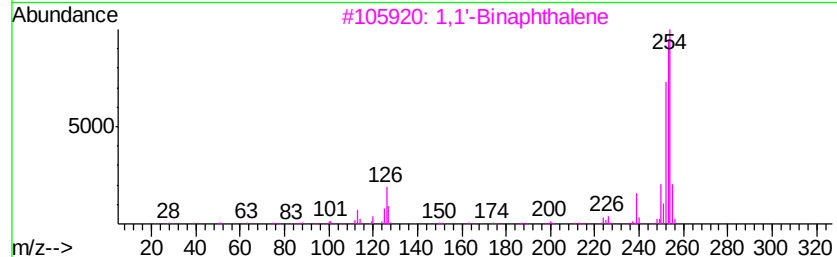
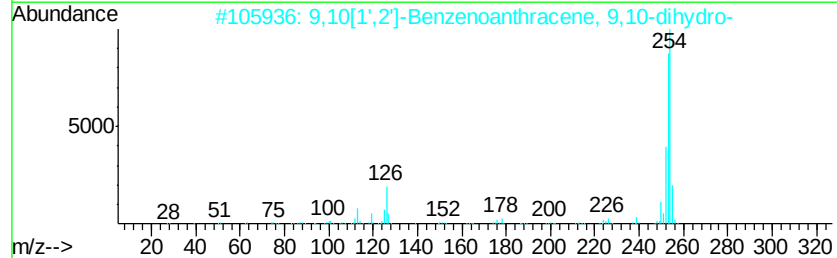
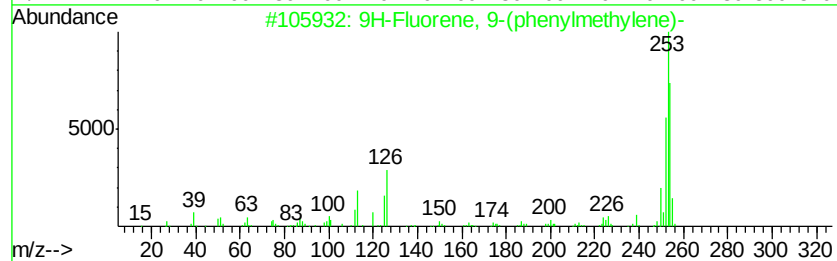
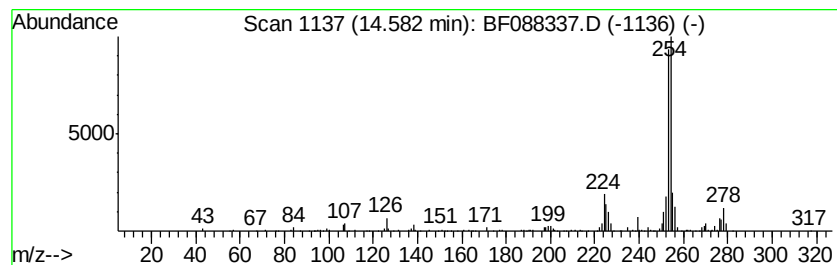
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 9H-Fluorene, 9-(phenylmethy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	3.82 ng	115856	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	72
2		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
3		1,1'-Binaphthalene	254	C20H14	000604-53-5	59
4		Benzenamine, 4,4'-methylenebis[N...	254	C17H22N2	000101-61-1	59
5		9H-Fluorene-9-methanol, .alpha.-...	314	C22H18O2	063839-89-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088337.D
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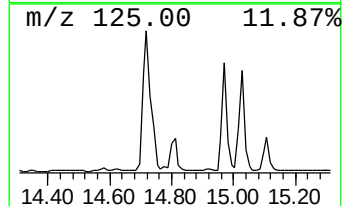
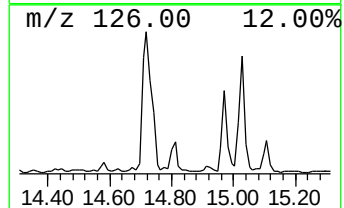
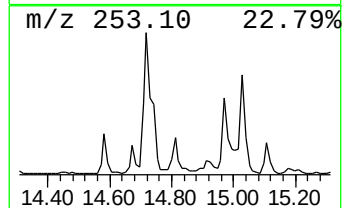
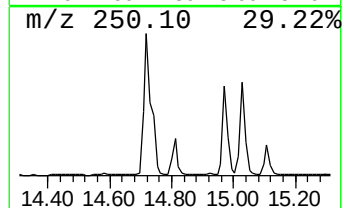
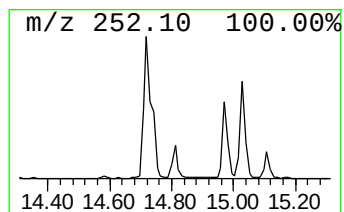
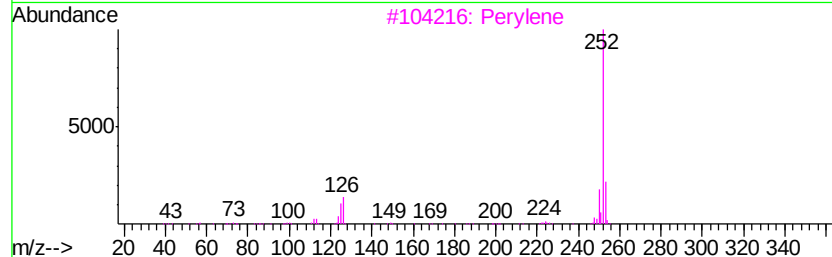
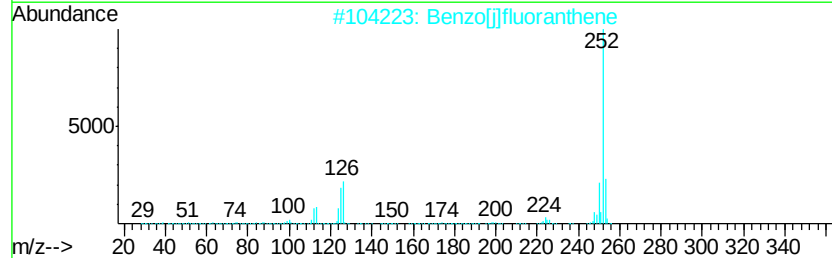
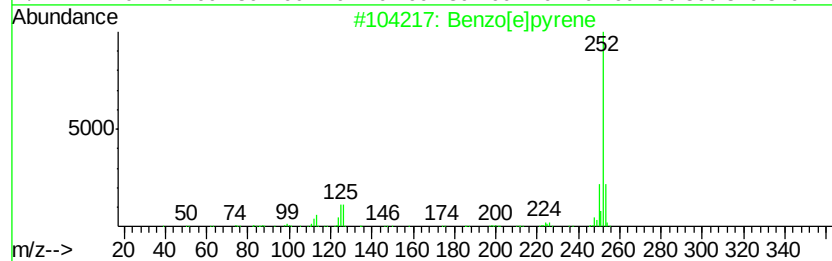
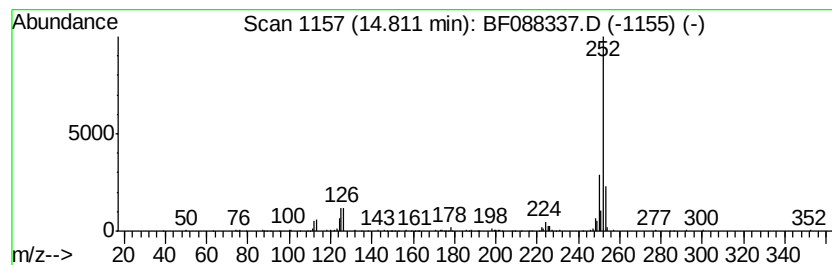
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	8.47 ng	257039	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3		Perylene	252	C20H12	000198-55-0	94
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088337.D
Acq On : 24 Jun 2016 17:55
Operator : UM/SJ
Sample : H3598-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

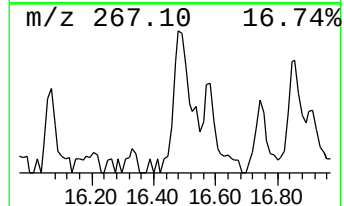
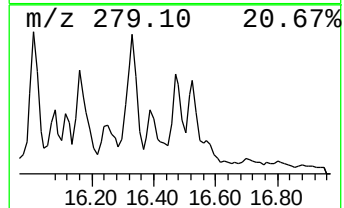
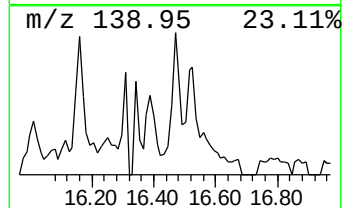
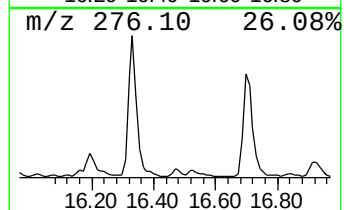
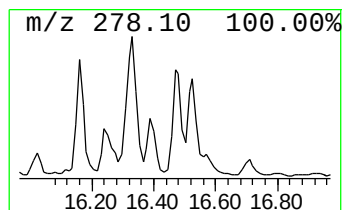
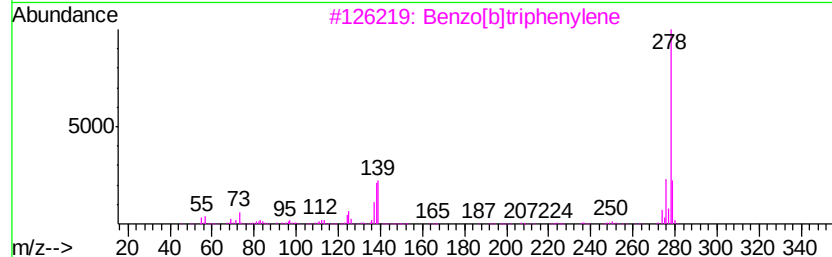
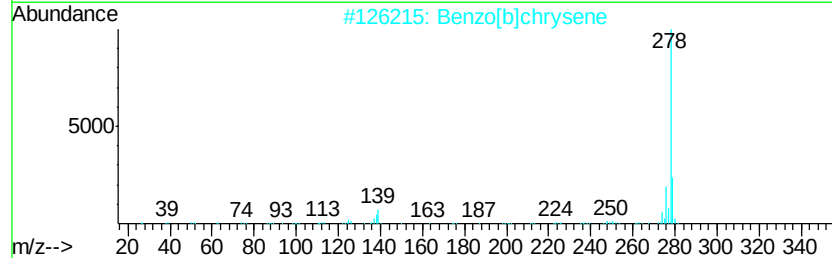
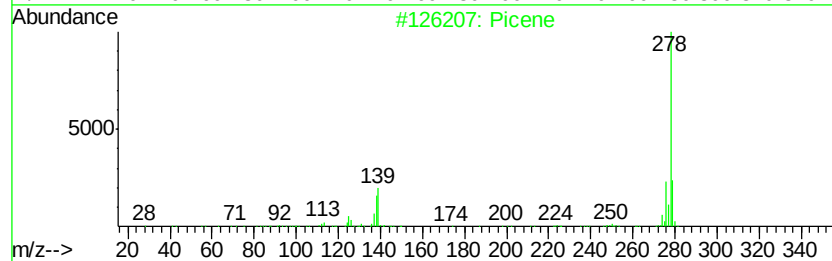
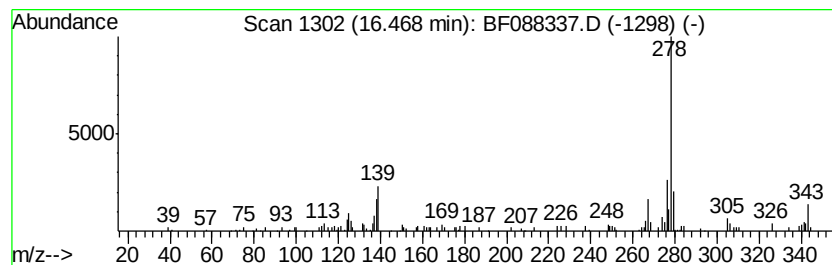
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Picene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	5.60 ng	169794	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	92
2		Benzo[b]chrysene	278	C22H14	000214-17-5	86
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	86
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088337.D
Acq On : 24 Jun 2016 17:55
Operator : UM/SJ
Sample : H3598-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

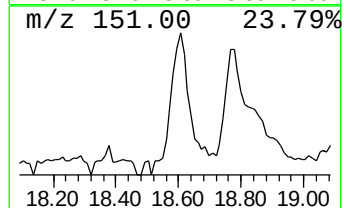
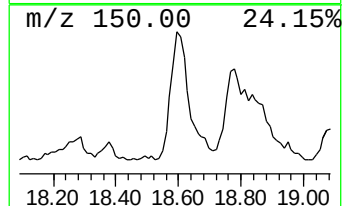
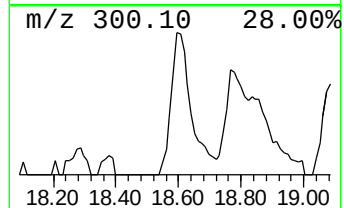
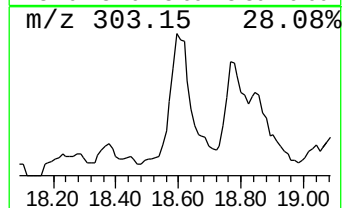
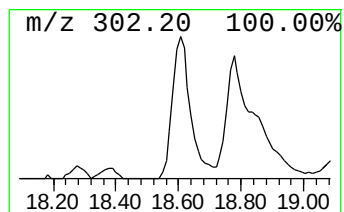
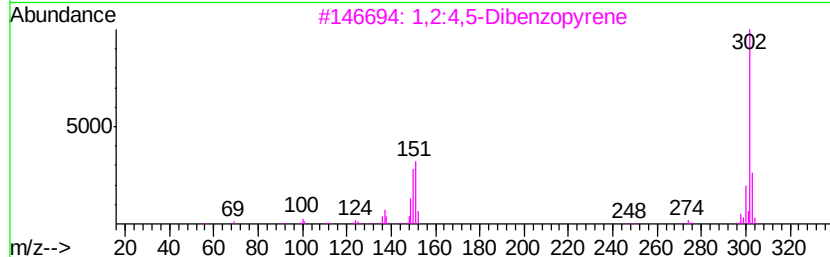
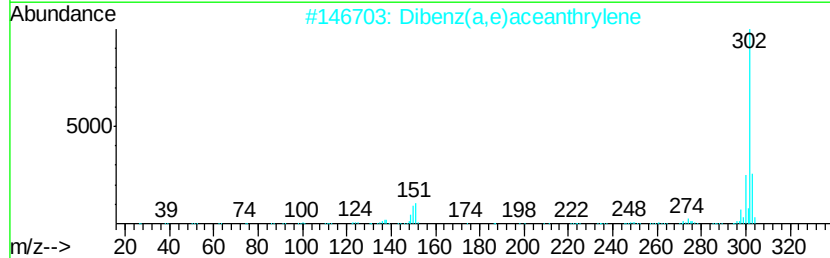
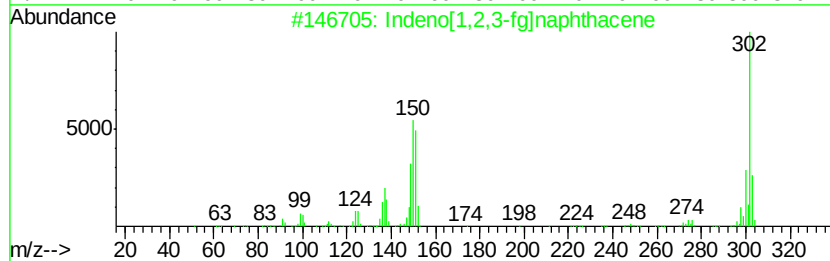
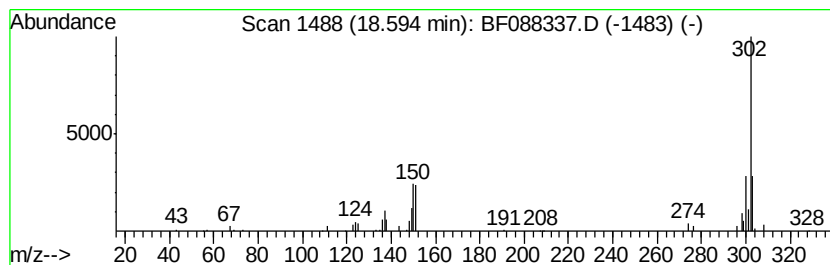
Instrument :
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ClientSampleId :
PM-STA-1398(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Indeno[1,2,3-fg]naphthacene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.59	5.63 ng	170901	Perylene-d12	15.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	91
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	91
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	91
4	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	90
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
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Operator : UM/SJ
Sample : H3598-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PM-STA-1398(0-4)

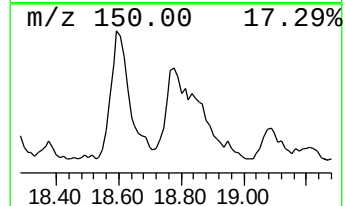
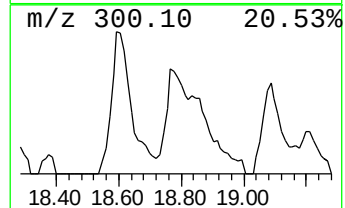
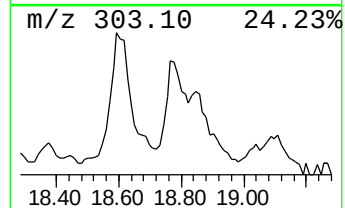
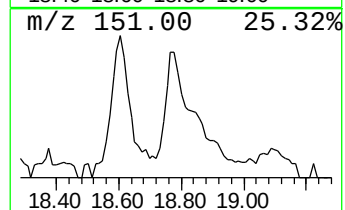
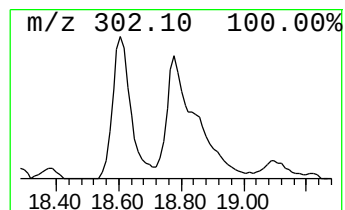
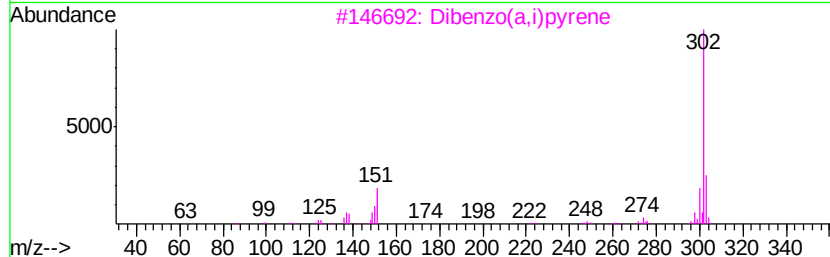
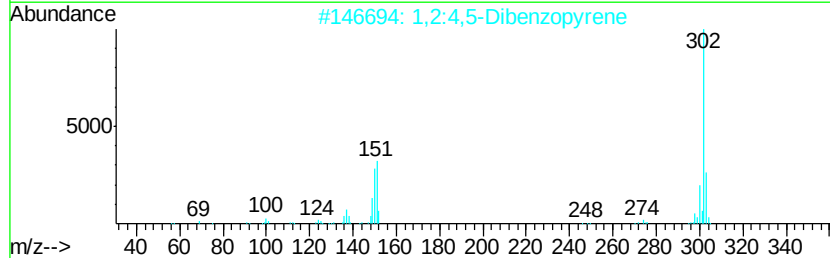
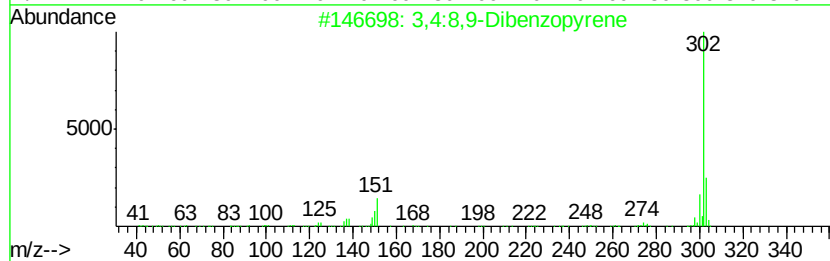
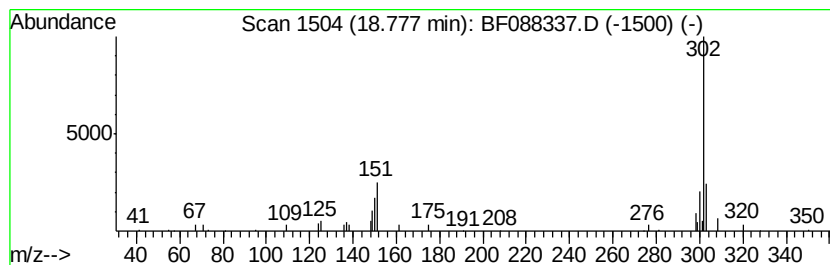
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	8.22 ng	249319	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	81
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	81
3		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	76
4		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	62
5		1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088337.D
 Acq On : 24 Jun 2016 17:55
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 Sample : H3598-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1398(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.73	5.2 ng		111276	1	6.58	424566	20.0
4H-Cyclopenta[def...	11.70	6.9 ng		365960	4	11.10	1055420	20.0
Phenanthrene, 2,5...	12.14	4.0 ng		210761	4	11.10	1055420	20.0
Cyclopenta(def)ph...	12.23	3.6 ng		191451	4	11.10	1055420	20.0
Pyrene, 1-methyl-	12.74	3.8 ng		304574	5	13.73	1617840	20.0
6H-Benz[de]anthra...	13.47	4.9 ng		398593	5	13.73	1617840	20.0
Triphenylene, 2-m...	14.10	4.3 ng		345427	5	13.73	1617840	20.0
Benz(a)anthracene...	14.42	6.3 ng		191900	6	15.09	606741	20.0
Squalene	14.56	5.3 ng		159875	6	15.09	606741	20.0
9H-Fluorene, 9-(p...	14.58	3.8 ng		115856	6	15.09	606741	20.0
Benzo[e]pyrene	14.81	8.5 ng		257039	6	15.09	606741	20.0
Picene	16.47	5.6 ng		169794	6	15.09	606741	20.0
Indeno[1,2,3-fg]n...	18.59	5.6 ng		170901	6	15.09	606741	20.0
3,4:8,9-Dibenzopy...	18.78	8.2 ng		249319	6	15.09	606741	20.0