

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
 Data File : BF087991.D
 Acq On : 13 Jun 2016 19:07
 Operator : UM/SJ
 Sample : H3419-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T6-B2(6-12)C

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-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	1.736	10	13	20	rVB	119474	232910	5.20%	0.320%
2	1.861	21	24	35	rVV	829169	1458510	32.57%	2.006%
3	1.998	35	36	52	rVB4	38057	117116	2.62%	0.161%
4	4.970	293	296	304	rVB	120273	200265	4.47%	0.275%
5	5.393	330	333	335	rVB	2321785	2537972	56.68%	3.491%
6	5.793	365	368	370	rBV2	57534	92644	2.07%	0.127%
7	5.930	378	380	383	rVB	79919	107559	2.40%	0.148%
8	5.987	383	385	388	rBV2	37874	85069	1.90%	0.117%
9	6.033	388	389	392	rVB3	78779	121520	2.71%	0.167%
10	6.227	403	406	408	rBV	79690	121990	2.72%	0.168%
11	6.319	412	414	419	rVB3	108962	223570	4.99%	0.308%
12	6.433	421	424	427	rVV	1751540	2830140	63.21%	3.893%
13	6.559	431	435	437	rBV	1898396	2772910	61.93%	3.814%
14	6.799	454	456	458	rVV	507987	690951	15.43%	0.950%
15	6.947	467	469	471	rVB	1726100	1925871	43.01%	2.649%
16	7.187	489	490	491	rBV	78496	73764	1.65%	0.101%
17	7.359	500	505	507	rBV	1367524	1649652	36.84%	2.269%
18	7.439	510	512	515	rBV4	47885	80594	1.80%	0.111%
19	7.828	543	546	548	rBV2	56199	79257	1.77%	0.109%
20	8.079	566	568	572	rBV	954683	967248	21.60%	1.330%
21	9.165	660	663	665	rVB	2866089	2614176	58.38%	3.596%
22	9.245	665	670	673	rBV2	74531	118741	2.65%	0.163%
23	9.302	673	675	678	rVB2	63574	73651	1.64%	0.101%
24	9.428	683	686	688	rBV2	59337	114046	2.55%	0.157%
25	9.496	691	692	693	rBV	105693	74402	1.66%	0.102%
26	9.553	695	697	700	rVB	278309	302648	6.76%	0.416%
27	9.611	701	702	707	rVB2	55579	87765	1.96%	0.121%
28	9.702	707	710	712	rVB	204306	221465	4.95%	0.305%
29	9.839	719	722	723	rBV	1083527	1084154	24.21%	1.491%
30	9.873	723	725	726	rVB	129943	173865	3.88%	0.239%
31	9.942	729	731	734	rBV	52520	101101	2.26%	0.139%
32	10.033	738	739	741	rVB	149105	186110	4.16%	0.256%
33	10.079	741	743	744	rBV	101879	85836	1.92%	0.118%
34	10.148	747	749	751	rBV2	60851	112377	2.51%	0.155%

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35	10.239	755	757	759	rBV2	66574	133620	2.98%	0.184%
36	10.274	759	760	762	rVB	85453	71262	1.59%	0.098%
37	10.331	762	765	768	rBV4	39964	78421	1.75%	0.108%
38	10.376	768	769	773	rVB	357027	438089	9.78%	0.603%
39	10.445	773	775	776	rBV	67198	83933	1.87%	0.115%
40	10.491	778	779	782	rVB2	64097	107314	2.40%	0.148%
41	10.536	782	783	786	rVB	196374	203609	4.55%	0.280%
42	10.628	788	791	793	rVB	1555350	1581355	35.32%	2.175%
43	10.674	793	795	797	rVB2	51258	72433	1.62%	0.100%
44	10.754	800	802	805	rVB	183892	300264	6.71%	0.413%
45	10.925	814	817	819	rBV3	174156	328270	7.33%	0.452%
46	11.005	821	824	826	rVB3	134335	246340	5.50%	0.339%
47	11.085	826	831	834	rBV3	143057	437597	9.77%	0.602%
48	11.176	837	839	840	rBV	155340	239667	5.35%	0.330%
49	11.211	840	842	846	rVB2	260268	531811	11.88%	0.732%
50	11.348	849	854	856	rBV2	2663366	4477520	100.00%	6.159%
51	11.394	856	858	860	rVB	991440	988400	22.07%	1.360%
52	11.428	860	861	863	rBV	140098	155677	3.48%	0.214%
53	11.474	863	865	866	rBV2	61443	74180	1.66%	0.102%
54	11.576	870	874	876	rBV4	153292	284100	6.35%	0.391%
55	11.622	876	878	879	rBV	235090	209377	4.68%	0.288%
56	11.828	893	896	897	rBV	410120	651979	14.56%	0.897%
57	11.874	897	900	903	rVV2	1025081	2590222	57.85%	3.563%
58	11.931	903	905	910	rVB2	898750	1523794	34.03%	2.096%
59	12.034	913	914	915	rVV	116247	99075	2.21%	0.136%
60	12.114	918	921	925	rVV	382856	670348	14.97%	0.922%
61	12.274	932	935	936	rBV2	270968	344116	7.69%	0.473%
62	12.377	942	944	946	rBV	245203	279584	6.24%	0.385%
63	12.422	946	948	951	rVB2	261590	426992	9.54%	0.587%
64	12.559	956	960	961	rBV	2632314	4322933	96.55%	5.946%
65	12.582	961	962	967	rVB2	1468394	1970086	44.00%	2.710%
66	12.662	967	969	970	rBV	478293	501818	11.21%	0.690%
67	12.777	975	979	981	rBV2	2586175	3880730	86.67%	5.338%
68	12.811	981	982	985	rVB2	202139	282150	6.30%	0.388%
69	12.879	986	988	989	rBV	390177	367518	8.21%	0.506%
70	12.914	989	991	993	rVB	1624403	1806471	40.35%	2.485%
71	12.982	994	997	1001	rBV3	318923	630936	14.09%	0.868%

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72	13.051	1001	1003	1004	rBV	505532	652252	14.57%	0.897%
73	13.097	1004	1007	1008	rVB	647085	907942	20.28%	1.249%
74	13.154	1008	1012	1014	rBV2	641944	883571	19.73%	1.215%
75	13.188	1014	1015	1019	rVB3	371300	543988	12.15%	0.748%
76	13.291	1022	1024	1025	rBV	114926	152867	3.41%	0.210%
77	13.314	1025	1026	1028	rVB2	215584	199245	4.45%	0.274%
78	13.497	1039	1042	1047	rVB4	161691	389252	8.69%	0.535%
79	13.702	1058	1060	1062	rBV	227693	409226	9.14%	0.563%
80	13.737	1062	1063	1064	rVV	297611	224678	5.02%	0.309%
81	13.954	1079	1082	1084	rBV2	1720543	3024470	67.55%	4.160%
82	13.988	1084	1085	1088	rVB	1540621	1480930	33.07%	2.037%
83	14.068	1090	1092	1093	rVB	186458	186778	4.17%	0.257%
84	14.137	1096	1098	1100	rVV2	180083	277138	6.19%	0.381%
85	14.182	1100	1102	1104	rVB2	154031	226795	5.07%	0.312%
86	14.342	1114	1116	1118	rBV	323584	345441	7.72%	0.475%
87	14.377	1118	1119	1121	rVB	229397	173491	3.87%	0.239%
88	14.434	1122	1124	1126	rBV	203887	204947	4.58%	0.282%
89	14.983	1169	1172	1176	rBV	1177214	2560029	57.18%	3.521%
90	15.074	1179	1180	1182	rVB	251638	191374	4.27%	0.263%
91	15.257	1194	1196	1199	rVB	643309	930063	20.77%	1.279%
92	15.325	1199	1202	1204	rVB	924820	1290368	28.82%	1.775%
93	15.371	1204	1206	1208	rBV	310283	554008	12.37%	0.762%
94	16.023	1261	1263	1272	rVB2	169905	467954	10.45%	0.644%
95	16.434	1296	1299	1306	rVB4	177130	463194	10.34%	0.637%
96	16.743	1322	1326	1330	rVB	445419	833753	18.62%	1.147%
97	16.903	1337	1340	1342	rBV	103181	190005	4.24%	0.261%
98	16.960	1342	1345	1350	rVB4	93294	235700	5.26%	0.324%
99	17.154	1358	1362	1366	rBV	320569	637220	14.23%	0.876%
100	19.200	1536	1541	1552	rVB3	234506	952472	21.27%	1.310%

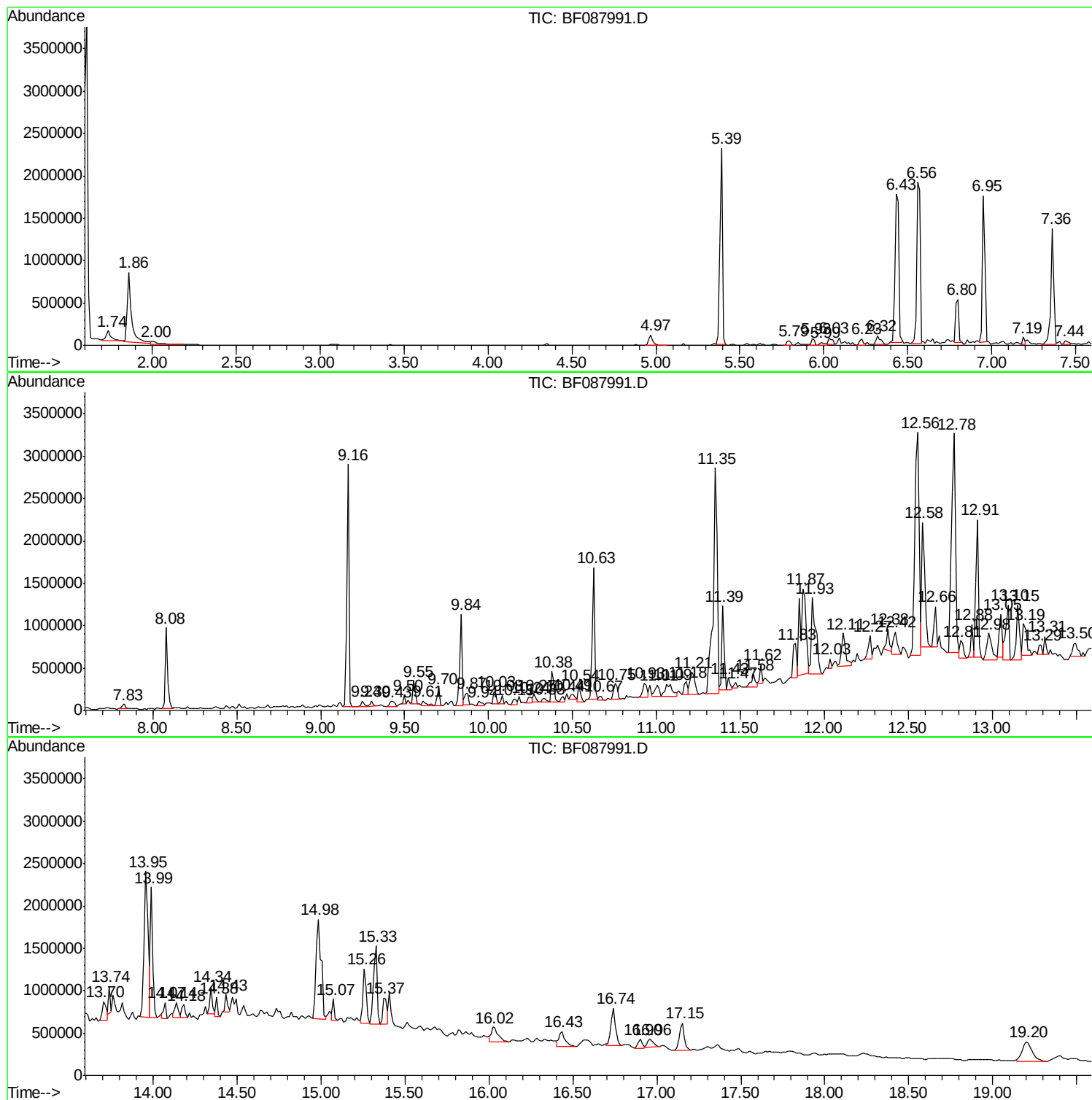
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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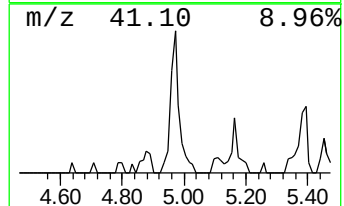
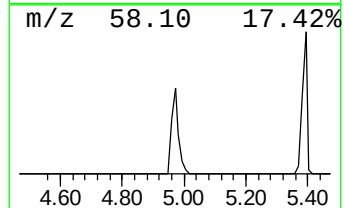
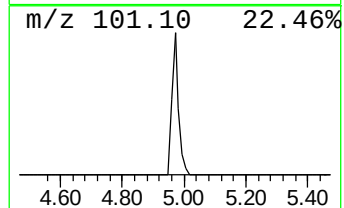
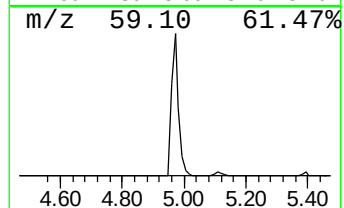
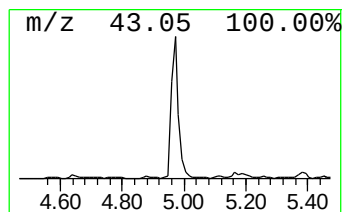
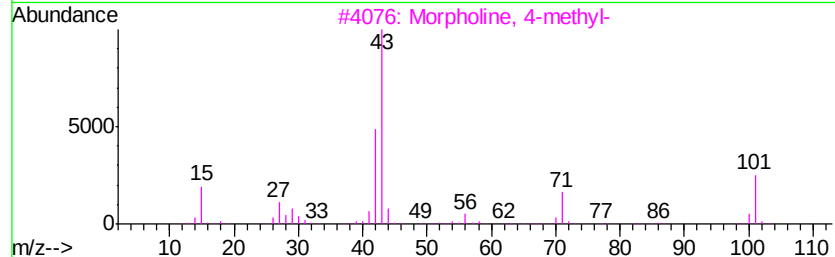
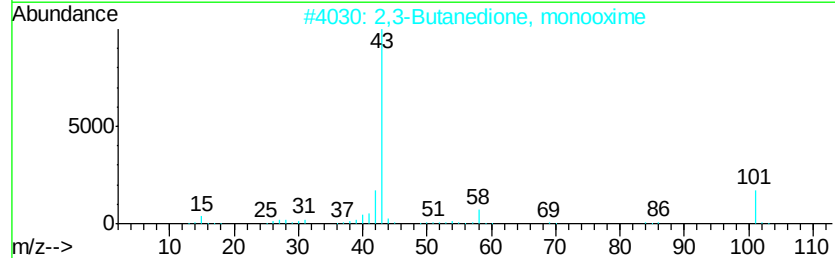
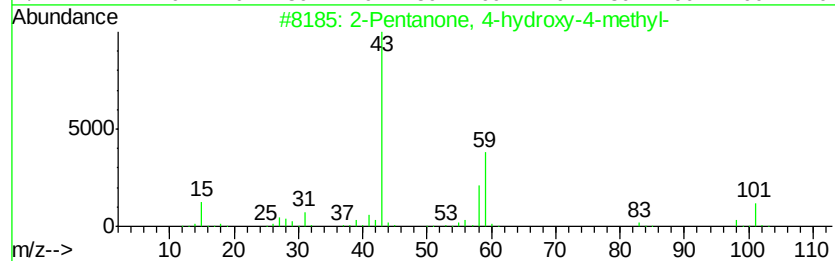
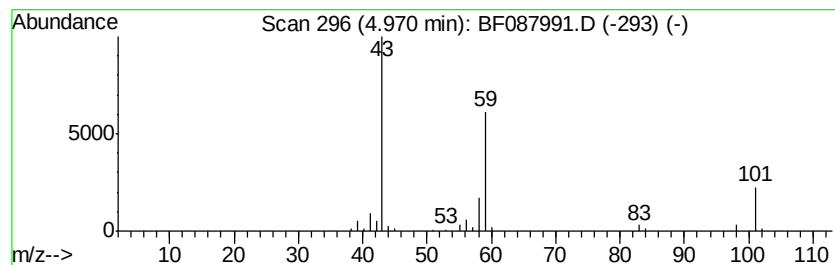
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	5.80 ng	200265	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5		2-Nonanone	142	C9H18O	000821-55-6	9



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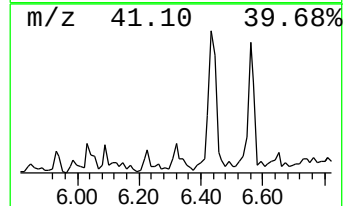
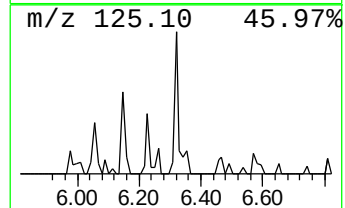
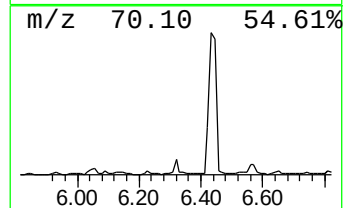
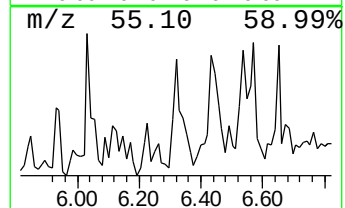
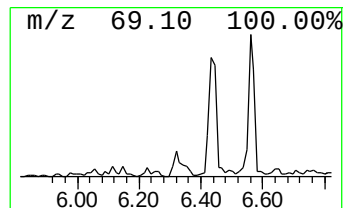
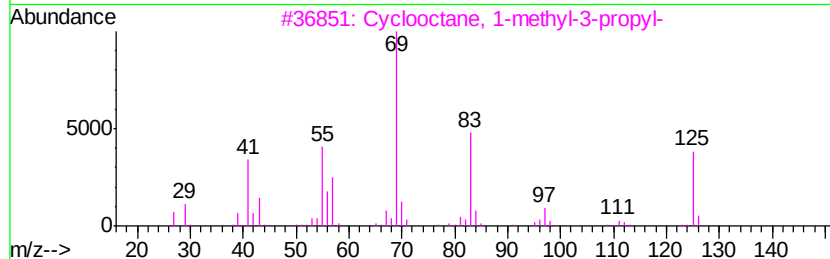
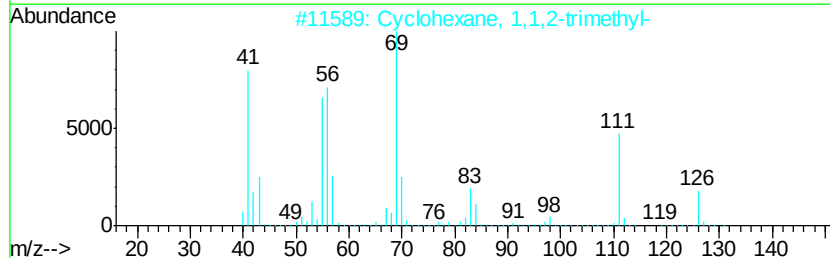
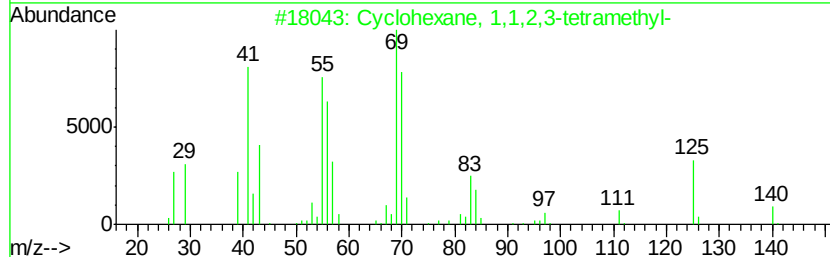
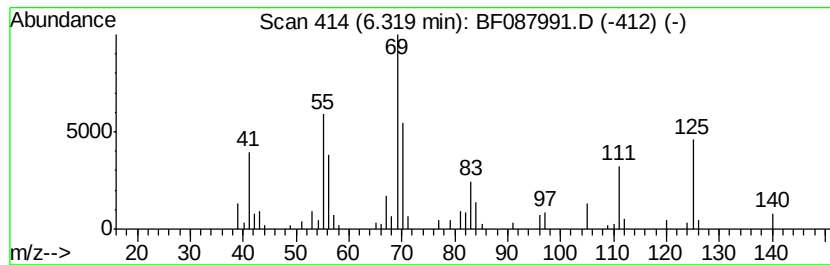
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	6.47 ng	223570	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	62
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	55
3		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
5		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	43



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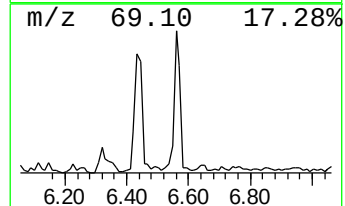
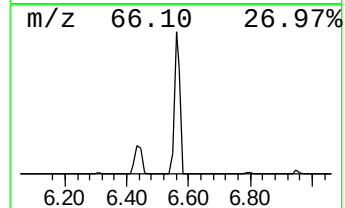
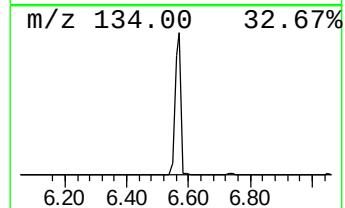
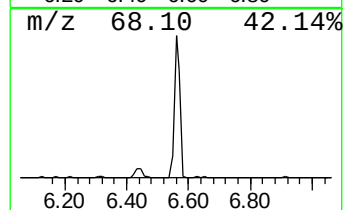
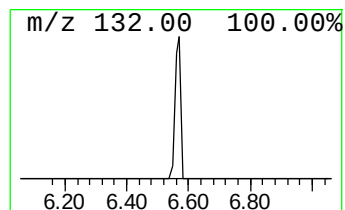
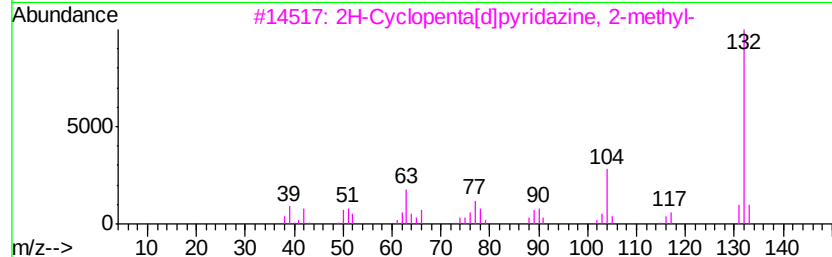
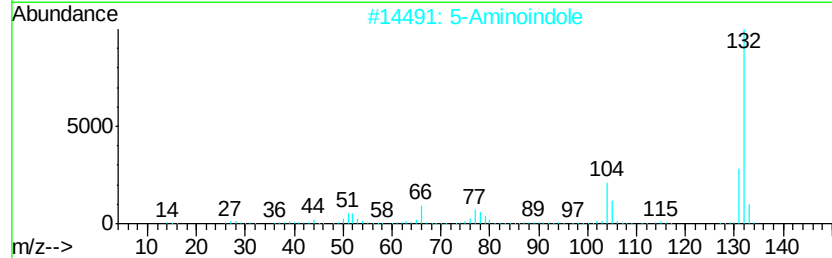
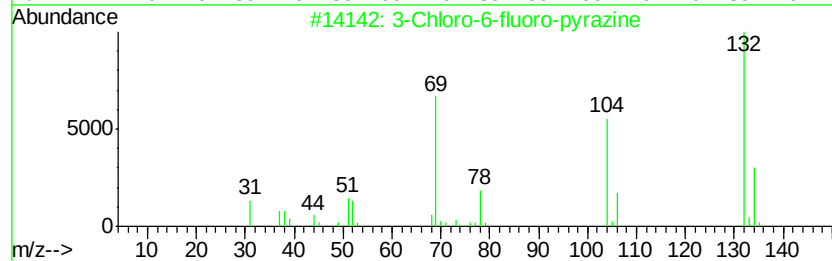
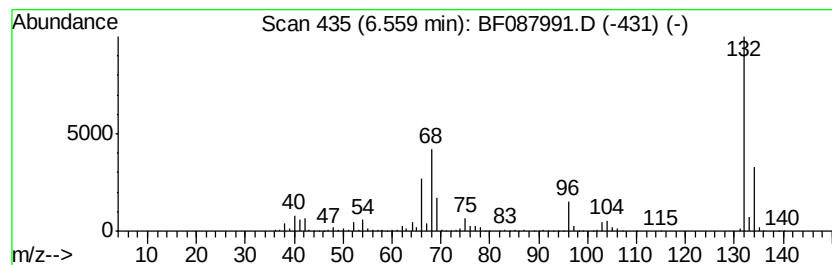
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Peak Number 5 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	80.26 ng	2772910	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9	
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9	
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087991.D
Acq On : 13 Jun 2016 19:07
Operator : UM/SJ
Sample : H3419-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T6-B2(6-12)C

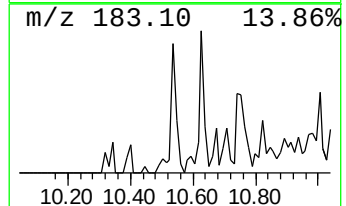
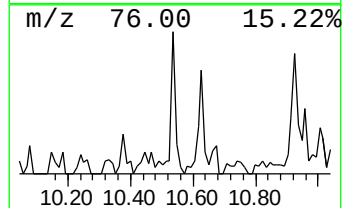
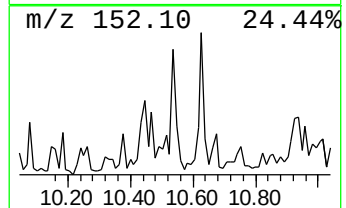
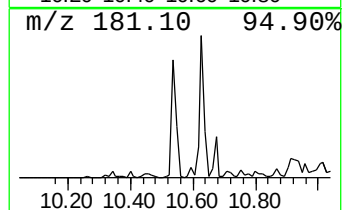
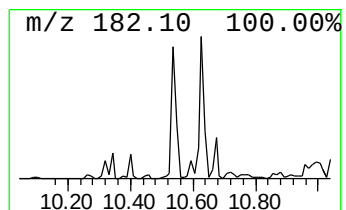
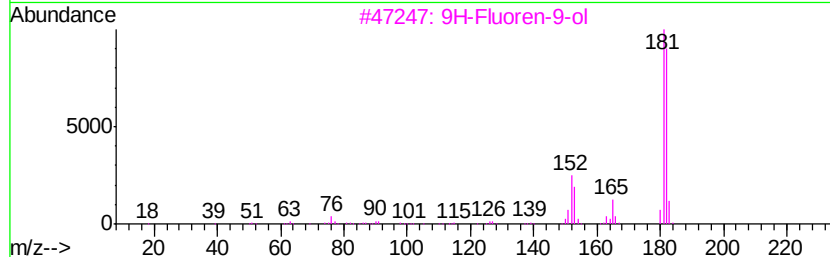
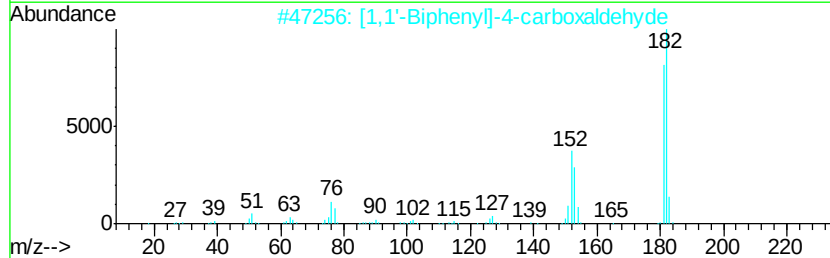
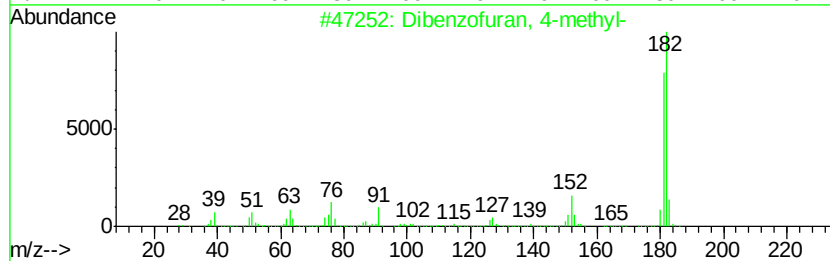
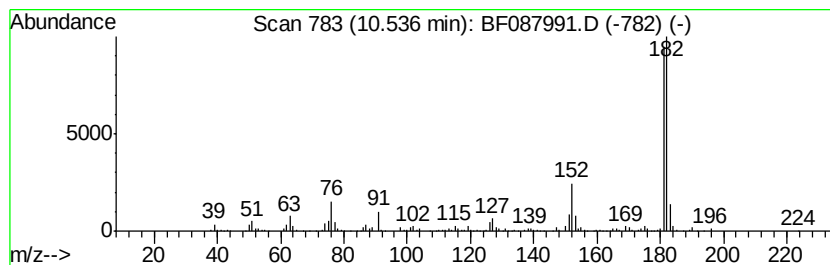
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	3.76 ng	203609	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4		9H-Xanthene	182	C13H10O	000092-83-1	64
5		Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087991.D
Acq On : 13 Jun 2016 19:07
Operator : UM/SJ
Sample : H3419-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

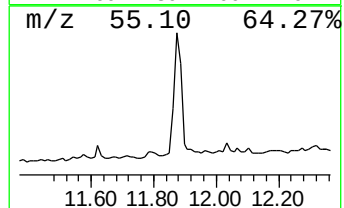
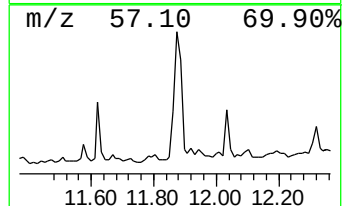
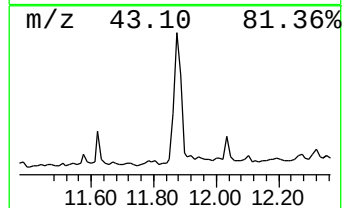
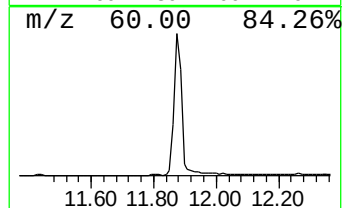
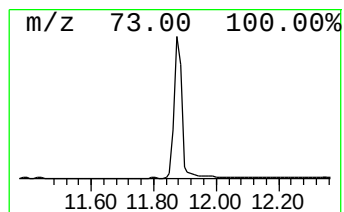
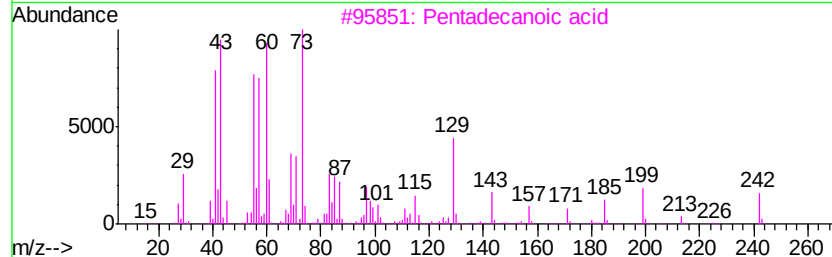
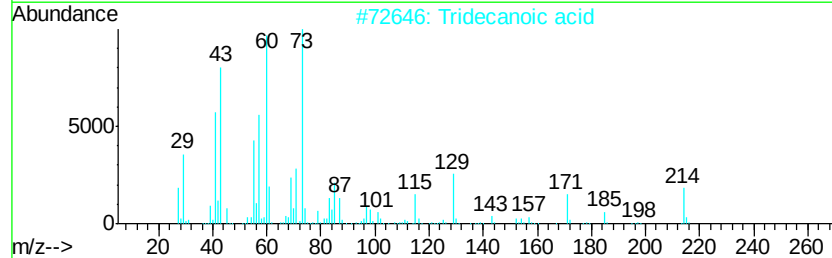
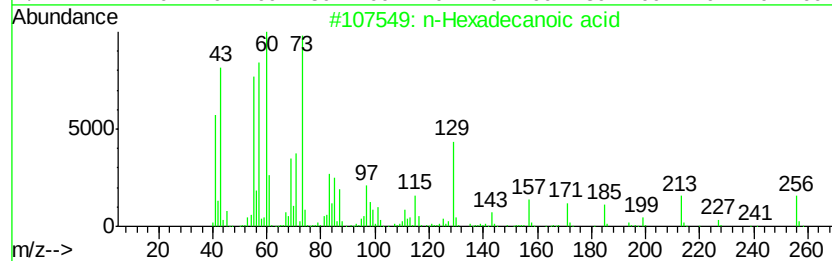
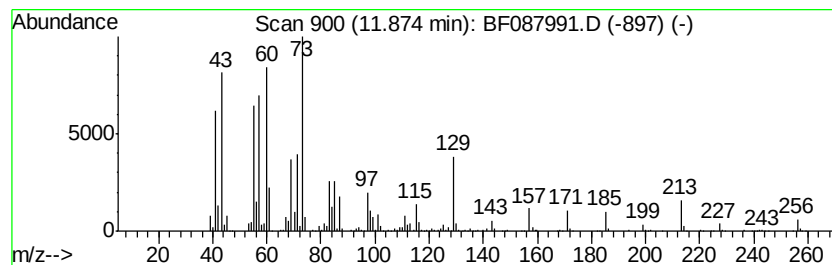
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ClientSampleId :
T6-B2(6-12)C

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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 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	11.57 ng	2590220	Phenanthrene-d10	11.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 99
2		Tridecanoic acid	214 C13H26O2	000638-53-9 87
3		Pentadecanoic acid	242 C15H30O2	001002-84-2 81
4		Tetradecanoic acid	228 C14H28O2	000544-63-8 80
5		Dodecanoic acid	200 C12H24O2	000143-07-7 80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087991.D
Acq On : 13 Jun 2016 19:07
Operator : UM/SJ
Sample : H3419-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
T6-B2(6-12)C

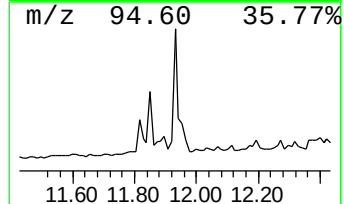
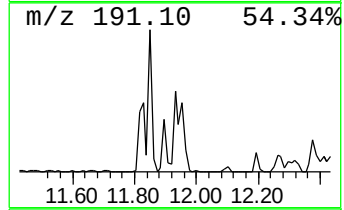
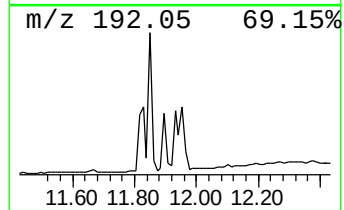
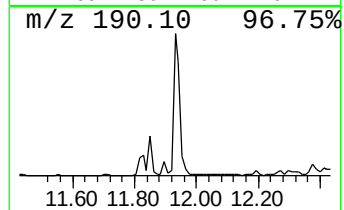
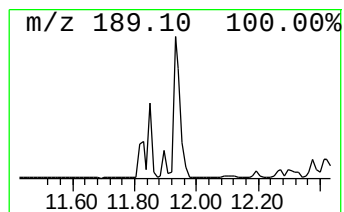
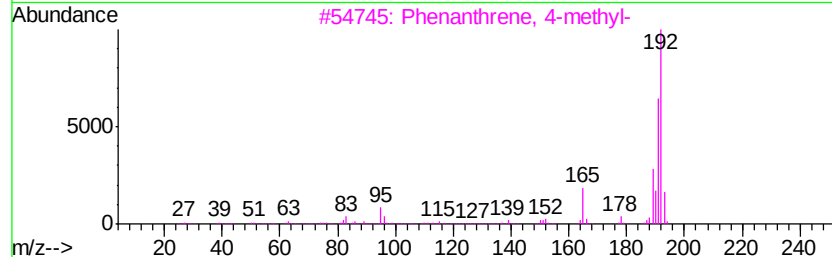
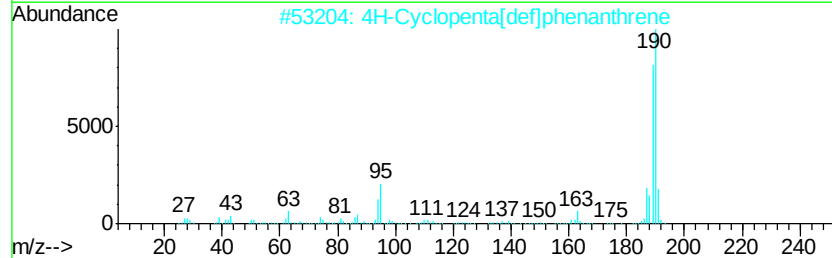
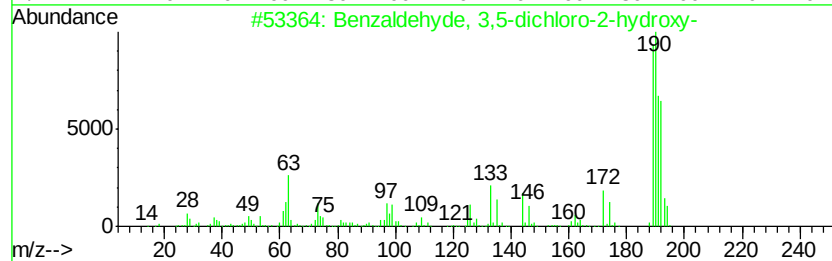
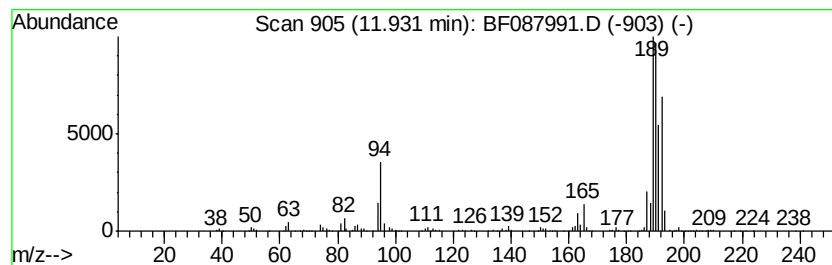
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.81 ng	1523790	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyd, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	41
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087991.D
Acq On : 13 Jun 2016 19:07
Operator : UM/SJ
Sample : H3419-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
T6-B2(6-12)C

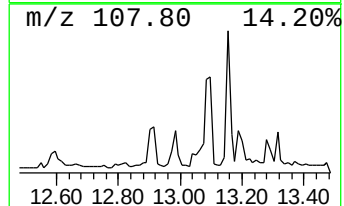
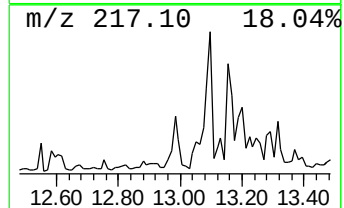
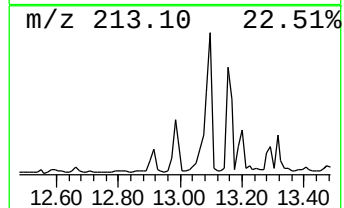
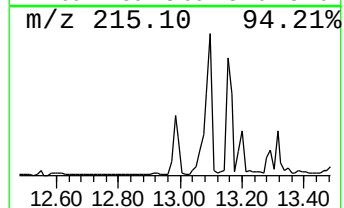
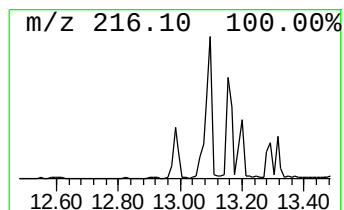
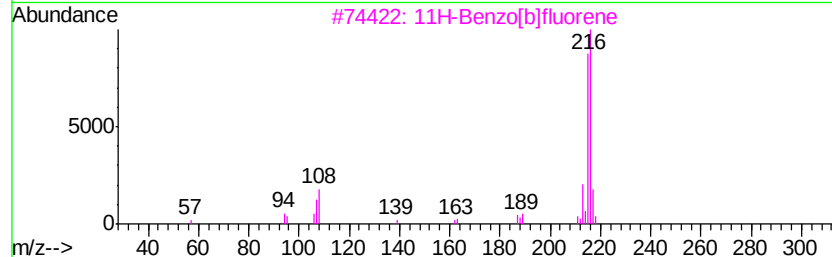
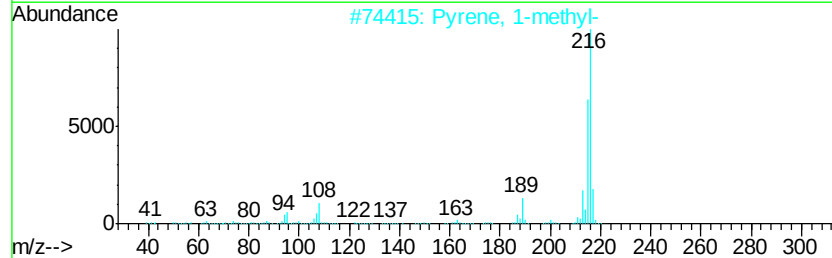
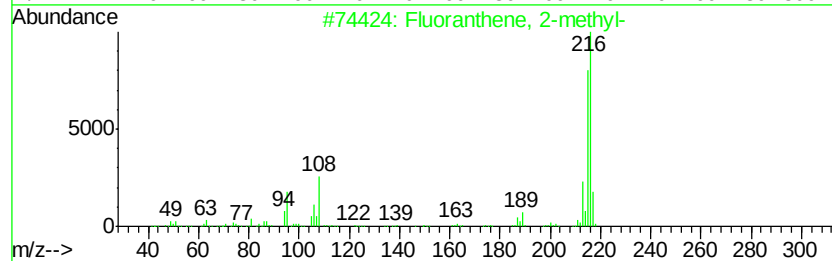
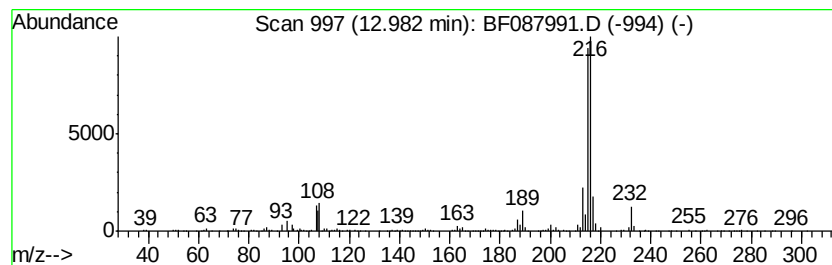
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	4.17 ng	630936	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
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Operator : UM/SJ
Sample : H3419-05
Misc :
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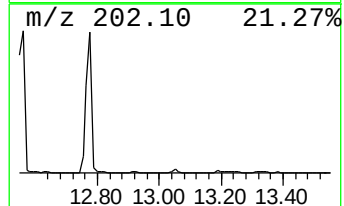
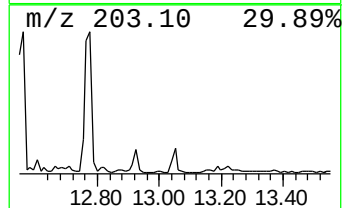
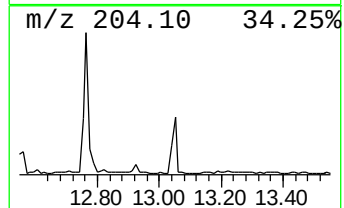
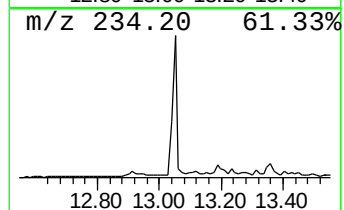
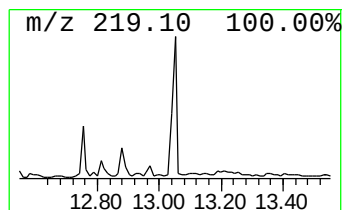
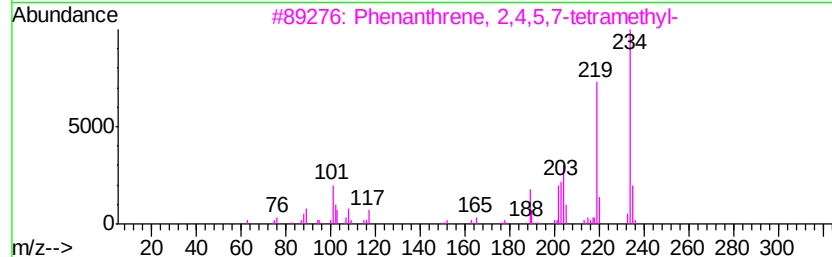
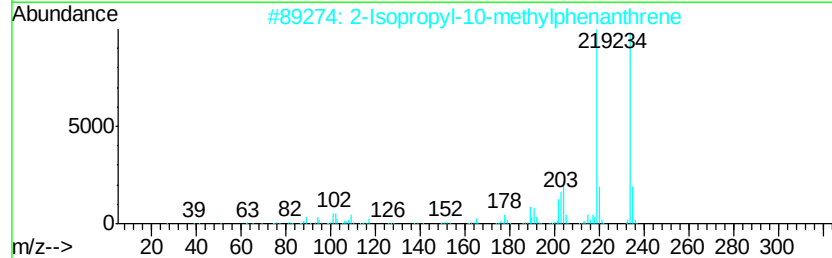
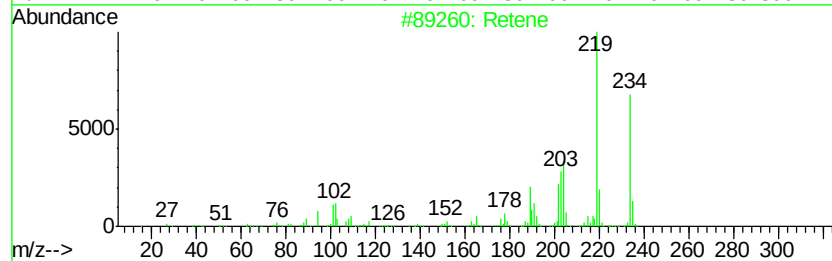
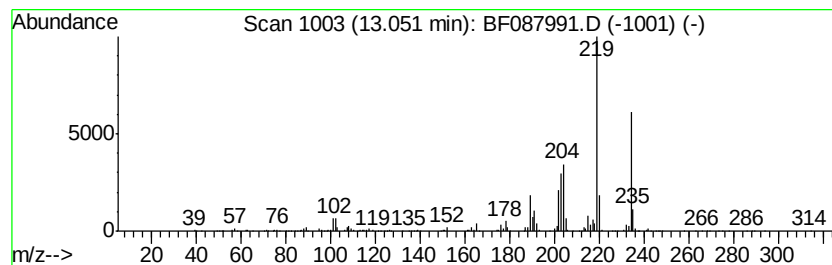
Instrument :
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ClientSampleId :
T6-B2(6-12)C

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 11 Retene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	4.31 ng	652252	Chrysene-d12	13.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Retene		234 C18H18	000483-65-8 95
2	2-Isopropyl-10-methylphenanthrene		234 C18H18	066552-97-4 94
3	Phenanthrene, 2,4,5,7-tetramethyl-		234 C18H18	007396-38-5 53
4	1-(10-Methylantracen-9-yl)ethanone		234 C17H14O	036778-18-4 52
5	Ethanone, 1-(4,6-dihydroxy-2,3,5...		234 C13H14O4	021987-07-5 52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087991.D
Acq On : 13 Jun 2016 19:07
Operator : UM/SJ
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T6-B2(6-12)C

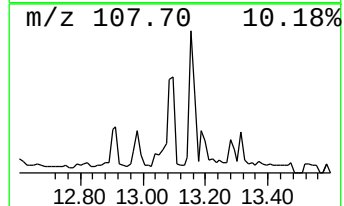
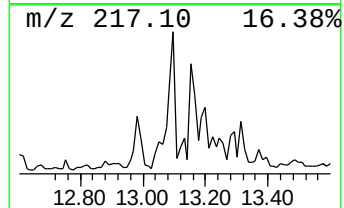
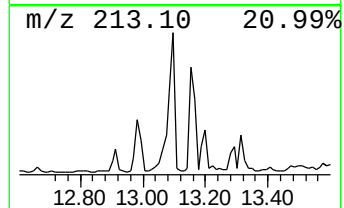
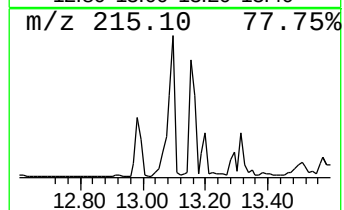
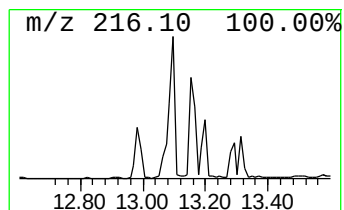
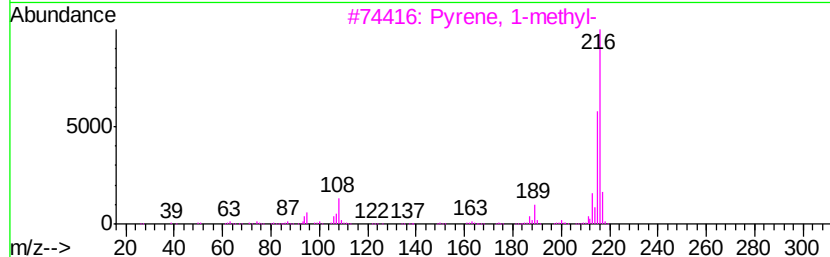
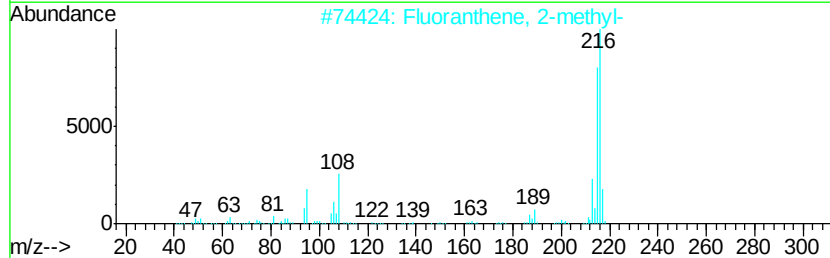
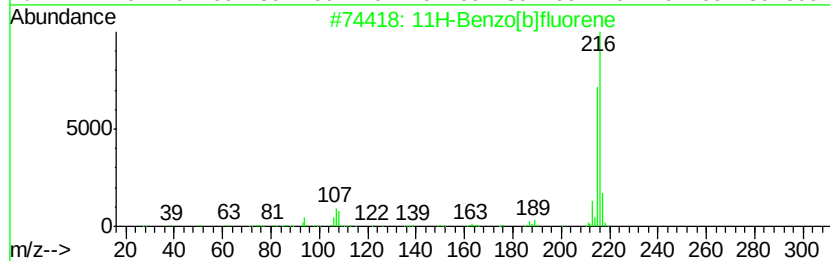
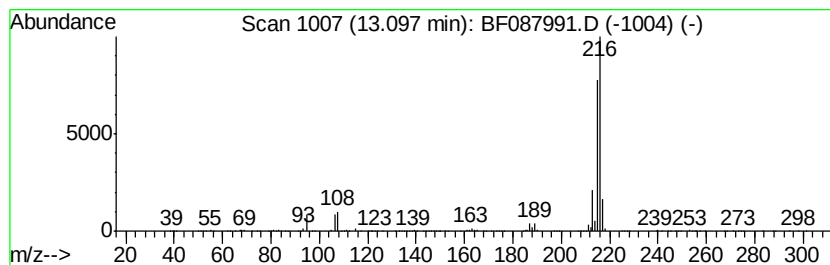
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	6.00 ng	907942	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087991.D
Acq On : 13 Jun 2016 19:07
Operator : UM/SJ
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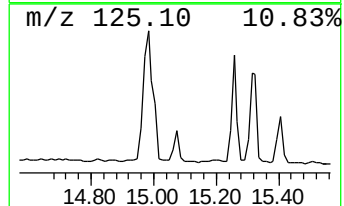
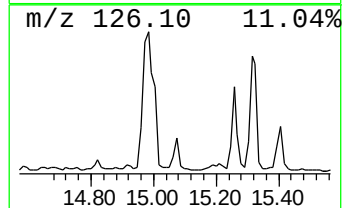
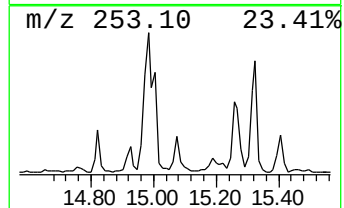
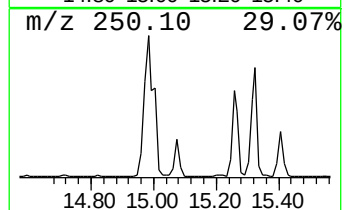
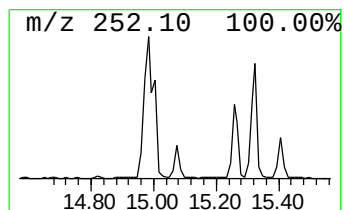
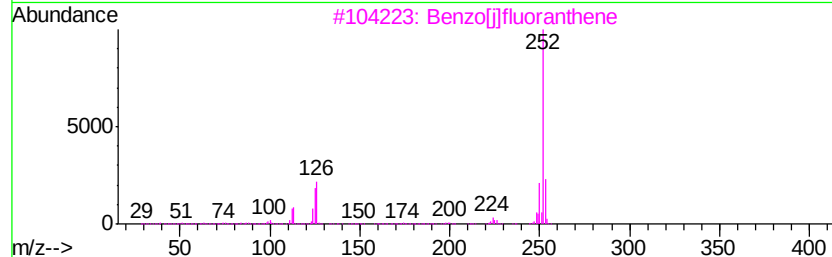
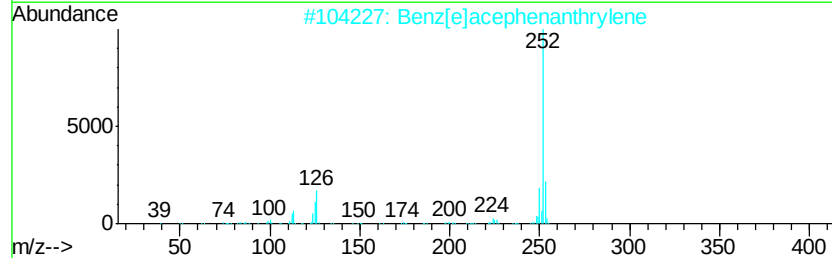
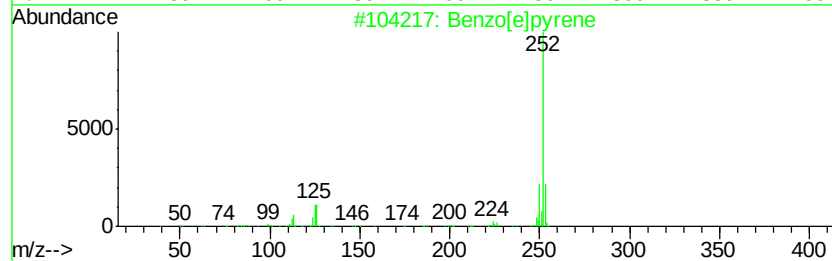
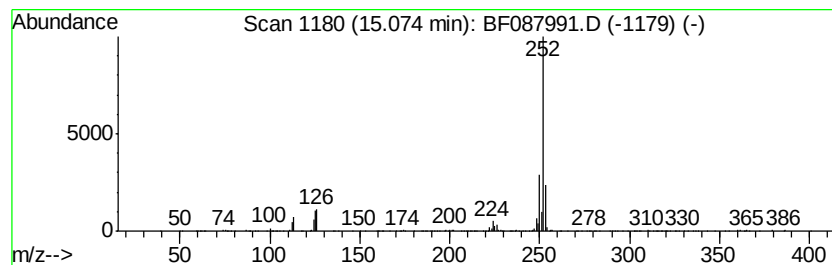
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	6.91 ng	191374	Perylene-d12	15.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
3			Benzo[i]fluoranthene	252	C20H12	000205-82-3	90
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087991.D
Acq On : 13 Jun 2016 19:07
Operator : UM/SJ
Sample : H3419-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T6-B2(6-12)C

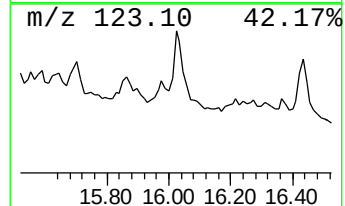
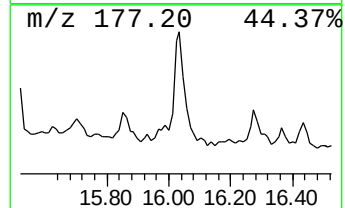
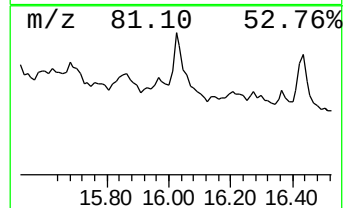
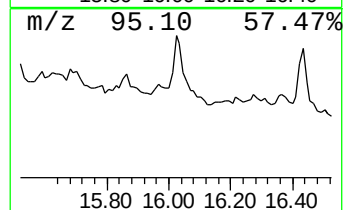
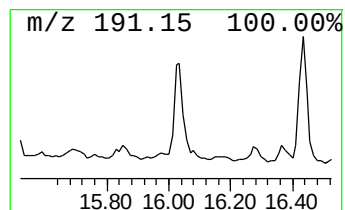
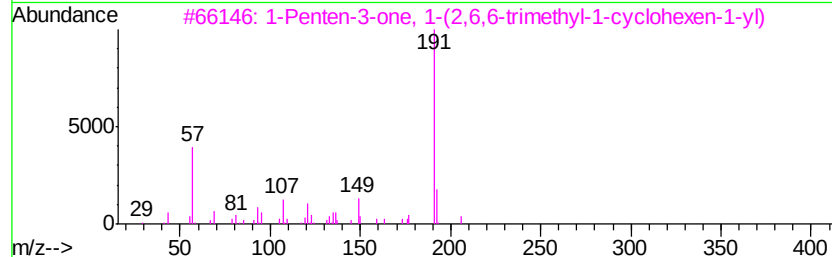
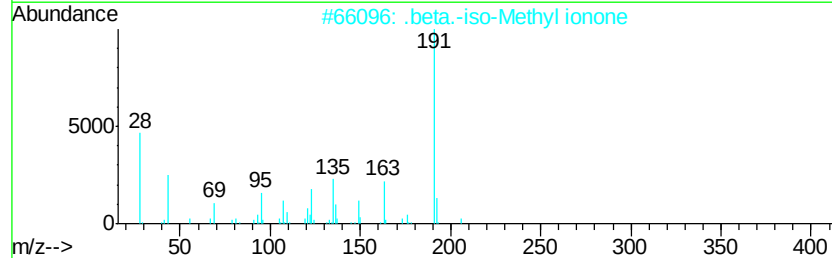
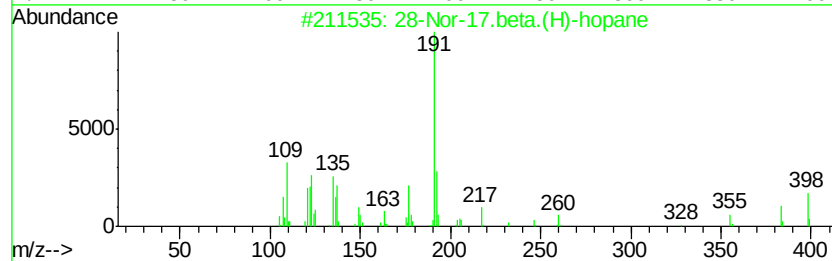
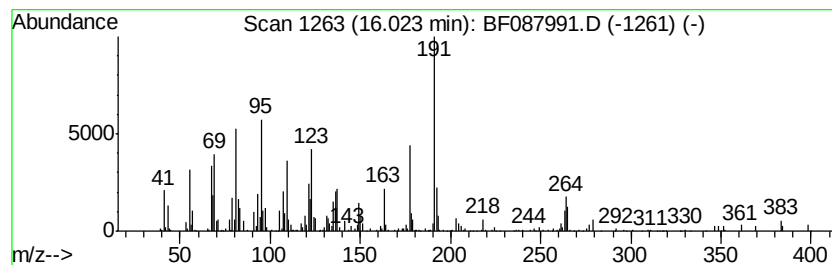
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	16.89 ng	467954	Perylene-d12	15.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane			398	C29H50	036728-72-0	47
2	.beta.-iso-Methyl ionone			206	C14H22O	1000285-40-2	35
3	1-Penten-3-one, 1-(2,6,6-trimeth...			206	C14H22O	000127-43-5	27
4	(3-Cyano-6-ethyl-5-methyl-pyridi...			264	C13H16N2O2S	1000300-45-4	27
5	Anthracene, 9-dodecyl-			346	C26H34	002883-70-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
Data File : BF087991.D
Acq On : 13 Jun 2016 19:07
Operator : UM/SJ
Sample : H3419-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
T6-B2(6-12)C

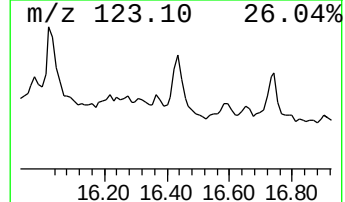
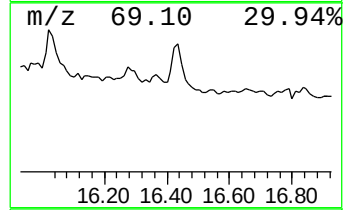
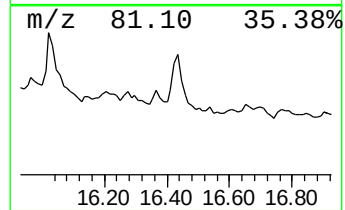
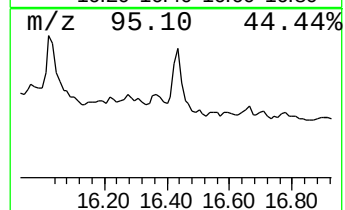
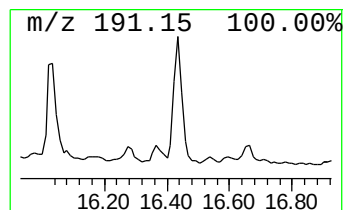
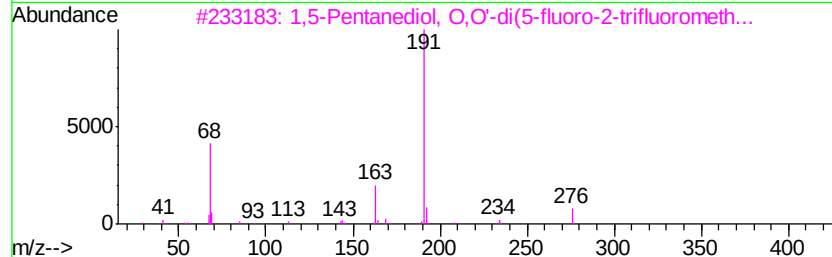
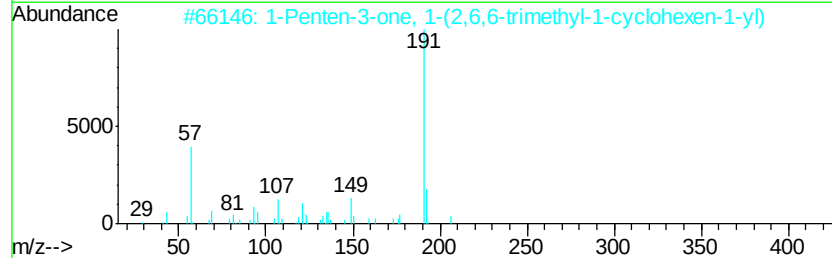
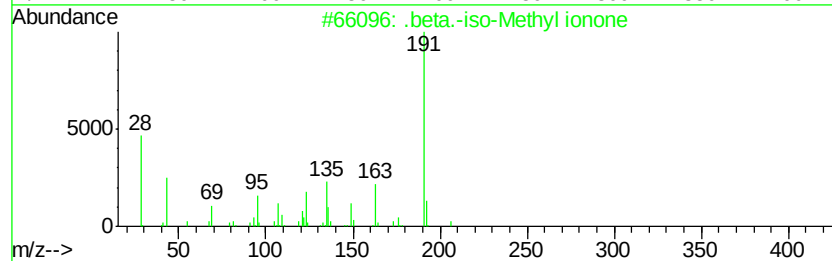
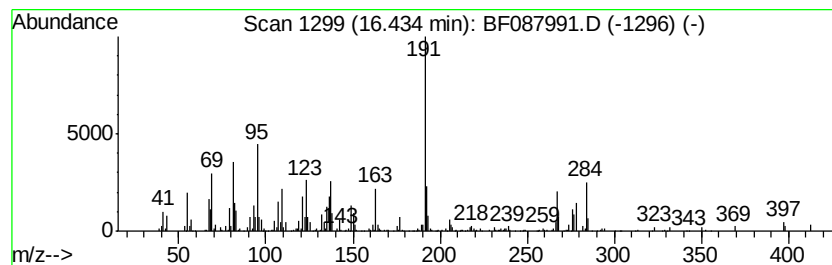
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.43 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	16.72 ng	463194	Perylene-d12	15.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	45
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
3		1,5-Pentanediol, 0,0'-di(5-fluor...	484	C21H16F8O4	1000331-61-2	35
4		Propenamide, 3-(3,4-dimethoxyph...	313	C18H19NO4	339165-72-9	35
5		4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087991.D
Acq On : 13 Jun 2016 19:07
Operator : UM/SJ
Sample : H3419-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T6-B2(6-12)C

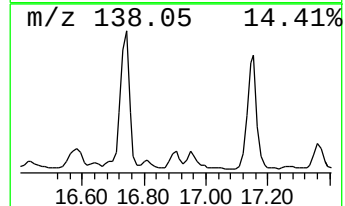
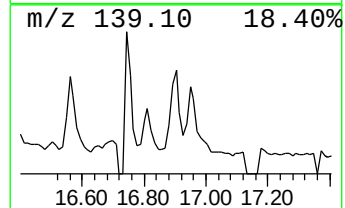
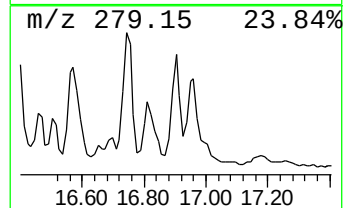
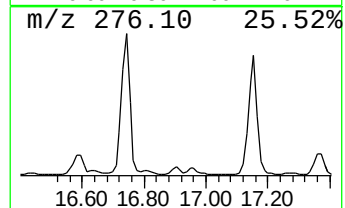
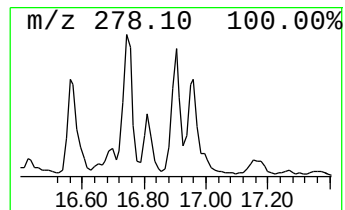
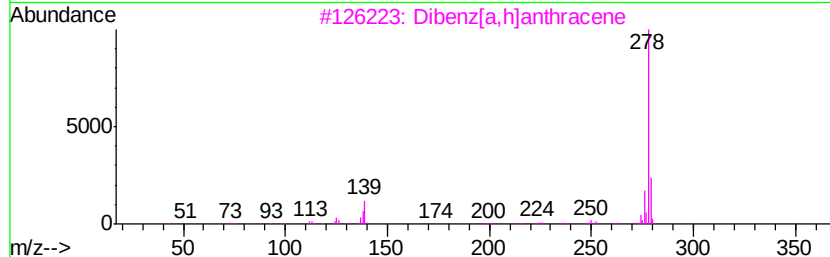
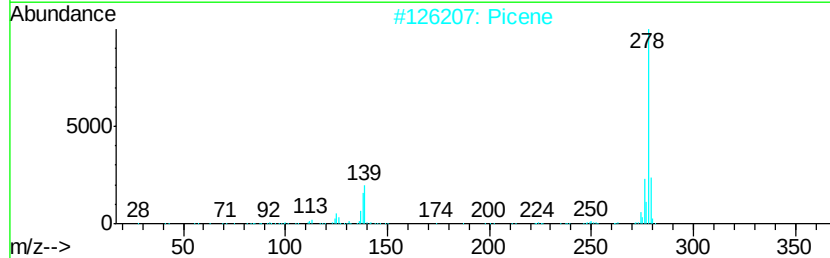
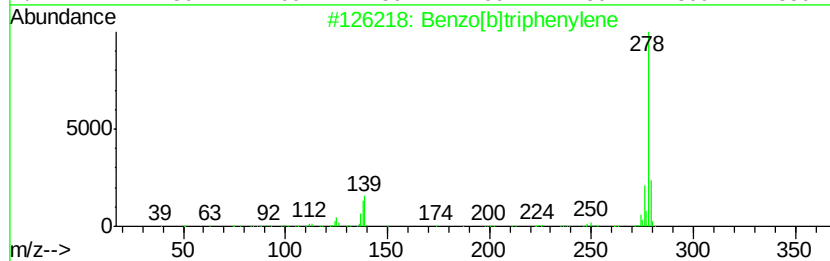
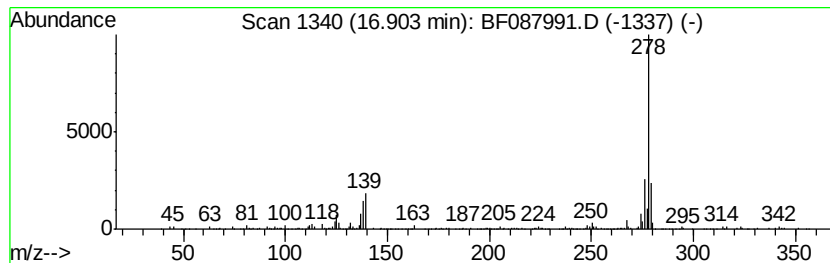
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	6.86 ng	190005	Perylene-d12	15.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2		Picene	278	C22H14	000213-46-7	98
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4		Benzo[b]chrysene	278	C22H14	000214-17-5	97
5		Pentaphene	278	C22H14	000222-93-5	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061316\
Data File : BF087991.D
Acq On : 13 Jun 2016 19:07
Operator : UM/SJ
Sample : H3419-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
T6-B2(6-12)C

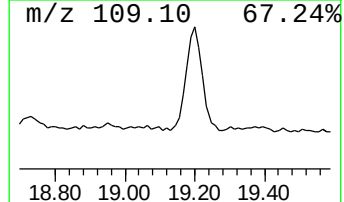
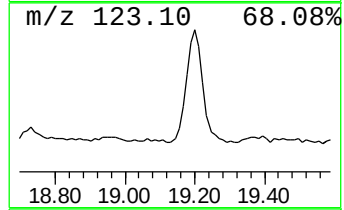
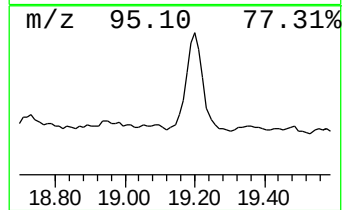
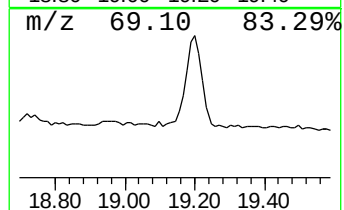
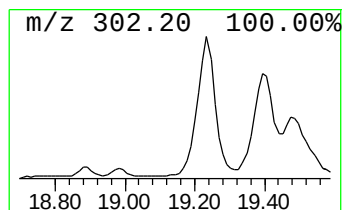
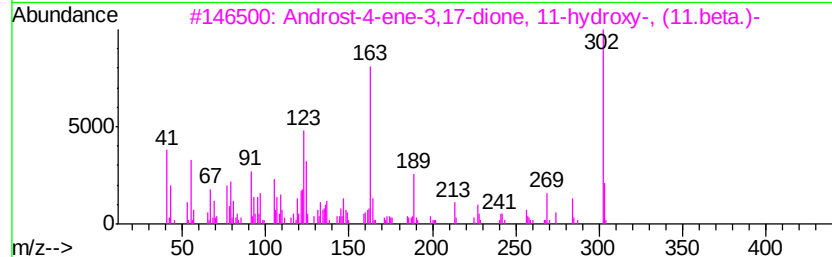
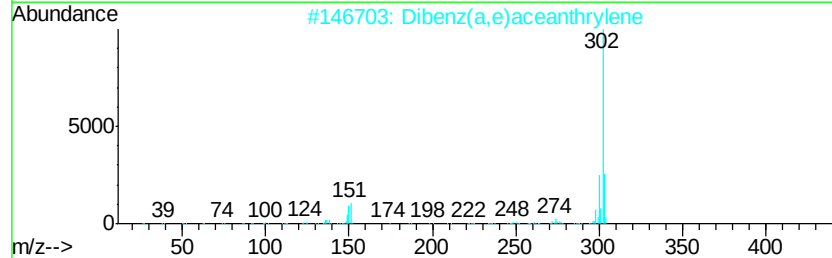
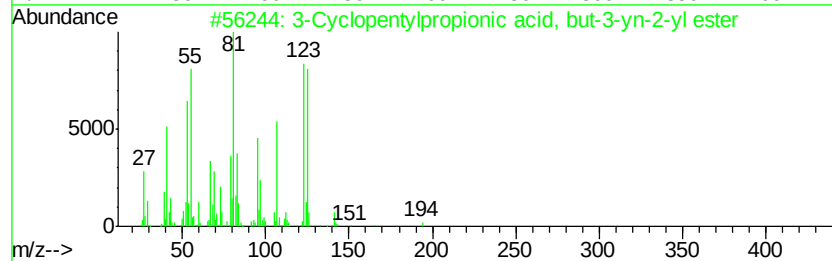
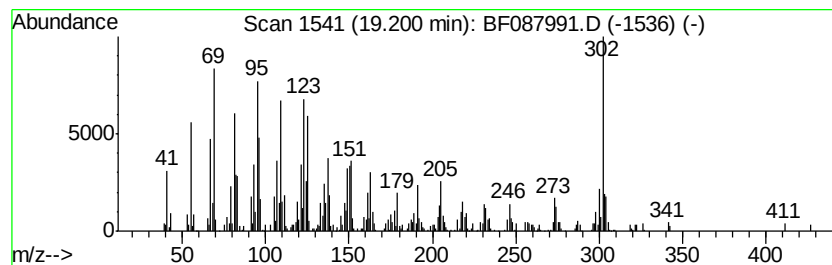
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown19.20 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	34.38 ng	952472	Perylene-d12	15.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	44
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	38
3		Androst-4-ene-3,17-dione, 11-hyd...	302	C19H26O3	000382-44-5	30
4		Indeno[1,2,3-f]naphthacene	302	C24H14	000203-11-2	25
5		3-Cyclopentylpropionic acid, 3-c...	216	C11H17ClO2	1000292-47-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
 Data File : BF087991.D
 Acq On : 13 Jun 2016 19:07
 Operator : UM/SJ
 Sample : H3419-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T6-B2(6-12)C

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...	4.97	5.8	ng	200265	1	6.80	690951	20.0
Cyclohexane, 1,1,...	6.32	6.5	ng	223570	1	6.80	690951	20.0
unknown6.56	6.56	80.3	ng	2772910	1	6.80	690951	20.0
Dibenzofuran, 4-m...	10.54	3.8	ng	203609	3	9.84	1084150	20.0
n-Hexadecanoic acid	11.87	11.6	ng	2590220	4	11.32	4477520	20.0
Benzaldehyde, 3,5...	11.93	6.8	ng	1523790	4	11.32	4477520	20.0
Fluoranthene, 2-m...	12.98	4.2	ng	630936	5	13.97	3024470	20.0
Retene	13.05	4.3	ng	652252	5	13.97	3024470	20.0
11H-Benzo[b]fluorene	13.10	6.0	ng	907942	5	13.97	3024470	20.0
Benzo[e]pyrene	15.07	6.9	ng	191374	6	15.38	554008	20.0
unknown16.02	16.02	16.9	ng	467954	6	15.38	554008	20.0
unknown16.43	16.43	16.7	ng	463194	6	15.38	554008	20.0
Benzo[b]triphenylene	16.90	6.9	ng	190005	6	15.38	554008	20.0
unknown19.20	19.20	34.4	ng	952472	6	15.38	554008	20.0