

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089532.D
 Acq On : 2 Aug 2016 1:56
 Operator : UM/SJ
 Sample : H4288-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-64-0.5-1.5

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-BF072716.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	1.655	4	6	25	rVB	638394	1393686	17.19%	1.532%
2	4.559	258	260	270	rBV	142522	222376	2.74%	0.244%
3	5.050	301	303	319	rBV	594442	805633	9.94%	0.885%
4	6.147	397	399	406	rBV	540051	800216	9.87%	0.880%
5	6.250	406	408	410	rBV	698672	808226	9.97%	0.888%
6	6.479	426	428	439	rVB	203039	216739	2.67%	0.238%
7	6.627	439	441	444	rBV	499539	636787	7.85%	0.700%
8	7.050	476	478	495	rBV	408580	476908	5.88%	0.524%
9	7.782	538	542	546	rBV2	214538	499279	6.16%	0.549%
10	8.479	601	603	605	rBV	253718	229051	2.83%	0.252%
11	8.570	609	611	614	rVV	276204	268576	3.31%	0.295%
12	8.845	633	635	637	rBV	930206	808086	9.97%	0.888%
13	9.108	655	658	662	rBV	169950	273861	3.38%	0.301%
14	9.176	662	664	665	rVV	286039	297106	3.66%	0.327%
15	9.199	665	666	669	rVV	215473	191906	2.37%	0.211%
16	9.245	669	670	672	rVV	144368	131094	1.62%	0.144%
17	9.291	672	674	678	rVV	146099	181496	2.24%	0.199%
18	9.508	691	693	694	rBV	313181	320845	3.96%	0.353%
19	9.542	694	696	698	rVV	1286563	1143540	14.10%	1.257%
20	9.713	709	711	713	rVV	1022433	968794	11.95%	1.065%
21	9.919	726	729	732	rBV	73407	133627	1.65%	0.147%
22	10.056	739	741	744	rBV	1479577	1492987	18.42%	1.641%
23	10.113	744	746	747	rVV	120223	220475	2.72%	0.242%
24	10.136	747	748	750	rVV	281931	273747	3.38%	0.301%
25	10.182	750	752	753	rVV	130143	153033	1.89%	0.168%
26	10.216	753	755	757	rVV	275296	335006	4.13%	0.368%
27	10.296	759	762	764	rVV	784278	885888	10.93%	0.974%
28	10.422	771	773	777	rVB2	78591	127064	1.57%	0.140%
29	10.594	785	788	792	rBV2	225792	487838	6.02%	0.536%
30	10.731	797	800	805	rBV3	151540	403764	4.98%	0.444%
31	10.845	808	810	811	rBV	150472	189312	2.34%	0.208%
32	10.879	811	813	818	rVB	557276	624624	7.70%	0.687%
33	11.039	820	827	828	rBV	3788763	8107372	100.00%	8.911%
34	11.085	828	831	833	rVV	2066430	3158977	38.96%	3.472%

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35	11.222	841	843	847	rVB	535154	666884	8.23%	0.733%
36	11.485	863	866	867	rBV	772400	749794	9.25%	0.824%
37	11.519	867	869	871	rVB	874180	914212	11.28%	1.005%
38	11.565	871	873	874	rBV	547622	480189	5.92%	0.528%
39	11.599	874	876	881	rVB2	1524925	2124100	26.20%	2.335%
40	11.782	889	892	894	rVB	507997	492635	6.08%	0.541%
41	11.919	902	904	906	rBV	128656	175060	2.16%	0.192%
42	11.954	906	907	912	rVB2	119454	213836	2.64%	0.235%
43	12.034	912	914	915	rBV	301509	369496	4.56%	0.406%
44	12.068	915	917	920	rVB	169240	211748	2.61%	0.233%
45	12.137	920	923	925	rVB2	183997	321744	3.97%	0.354%
46	12.217	925	930	933	rBV	3396356	7525125	92.82%	8.271%
47	12.262	933	934	939	rVB2	206055	239000	2.95%	0.263%
48	12.342	939	941	944	rBV2	302606	410139	5.06%	0.451%
49	12.434	944	949	956	rVB3	3354673	7821027	96.47%	8.596%
50	12.548	956	959	960	rBV	333794	647682	7.99%	0.712%
51	12.571	960	961	964	rVB2	846731	950174	11.72%	1.044%
52	12.639	964	967	971	rBV3	445052	900956	11.11%	0.990%
53	12.754	971	977	979	rBV	1259656	1742669	21.49%	1.915%
54	12.822	981	983	984	rBV	1188922	1295497	15.98%	1.424%
55	12.857	984	986	989	rVB2	651397	913913	11.27%	1.004%
56	12.937	992	993	995	rBV	264196	280413	3.46%	0.308%
57	12.971	995	996	1000	rVB2	354991	375627	4.63%	0.413%
58	13.039	1000	1002	1005	rVB4	82760	123831	1.53%	0.136%
59	13.165	1008	1013	1017	rBV4	235341	570123	7.03%	0.627%
60	13.234	1017	1019	1020	rBV2	161670	267680	3.30%	0.294%
61	13.257	1020	1021	1028	rVB3	151265	321607	3.97%	0.353%
62	13.360	1028	1030	1031	rBV	397050	491522	6.06%	0.540%
63	13.382	1031	1032	1033	rBV	344270	320923	3.96%	0.353%
64	13.405	1033	1034	1039	rVB4	359526	814942	10.05%	0.896%
65	13.531	1043	1045	1047	rVB	125712	159212	1.96%	0.175%
66	13.622	1048	1053	1054	rBV	2040595	4525405	55.82%	4.974%
67	13.657	1054	1056	1059	rVB2	2021147	3214546	39.65%	3.533%
68	13.725	1059	1062	1064	rBV	827598	857777	10.58%	0.943%
69	13.817	1068	1070	1072	rBV2	285180	480443	5.93%	0.528%
70	13.965	1081	1083	1084	rBV	174831	279653	3.45%	0.307%
71	14.000	1084	1086	1088	rVV	617044	785601	9.69%	0.863%

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72	14.034	1088	1089	1091	rVB	292723	216287	2.67%	0.238%
73	14.091	1091	1094	1096	rBV2	352703	678095	8.36%	0.745%
74	14.148	1096	1099	1100	rVB3	345862	602876	7.44%	0.663%
75	14.320	1110	1114	1117	rBV3	209504	499587	6.16%	0.549%
76	14.468	1125	1127	1130	rBV	175366	281606	3.47%	0.310%
77	14.514	1130	1131	1134	rVB2	95015	123806	1.53%	0.136%
78	14.628	1134	1141	1144	rBV	1839743	4701330	57.99%	5.167%
79	14.697	1145	1147	1151	rVB	662785	772939	9.53%	0.850%
80	14.777	1151	1154	1155	rBV2	136607	265027	3.27%	0.291%
81	14.811	1155	1157	1158	rVV	185459	275290	3.40%	0.303%
82	14.857	1158	1161	1163	rVV	1005840	1650546	20.36%	1.814%
83	14.925	1163	1167	1169	rVV	1621000	2777044	34.25%	3.052%
84	14.983	1169	1172	1175	rVB3	635470	995650	12.28%	1.094%
85	15.097	1180	1182	1183	rVV	119612	165565	2.04%	0.182%
86	15.131	1183	1185	1189	rVB2	171001	342052	4.22%	0.376%
87	15.314	1198	1201	1204	rBV3	82533	257747	3.18%	0.283%
88	15.394	1207	1208	1211	rVB	124590	156819	1.93%	0.172%
89	15.520	1217	1219	1224	rBV2	74079	137203	1.69%	0.151%
90	15.965	1253	1258	1259	rBV2	118699	249655	3.08%	0.274%
91	16.137	1268	1273	1276	rBV	626267	1360246	16.78%	1.495%
92	16.263	1281	1284	1286	rBV2	164925	357323	4.41%	0.393%
93	16.308	1286	1288	1298	rVB3	178321	571313	7.05%	0.628%
94	16.491	1299	1304	1309	rBV	517671	1264704	15.60%	1.390%
95	16.674	1316	1320	1326	rVB	221090	516205	6.37%	0.567%
96	18.240	1451	1457	1466	rBV	119730	420346	5.18%	0.462%
97	18.400	1466	1471	1474	rBV	85327	315706	3.89%	0.347%
98	19.131	1530	1535	1539	rVV2	47485	202453	2.50%	0.223%
99	19.223	1539	1543	1550	rVV2	71688	325225	4.01%	0.357%
100	19.360	1550	1555	1561	rVV	51772	197689	2.44%	0.217%

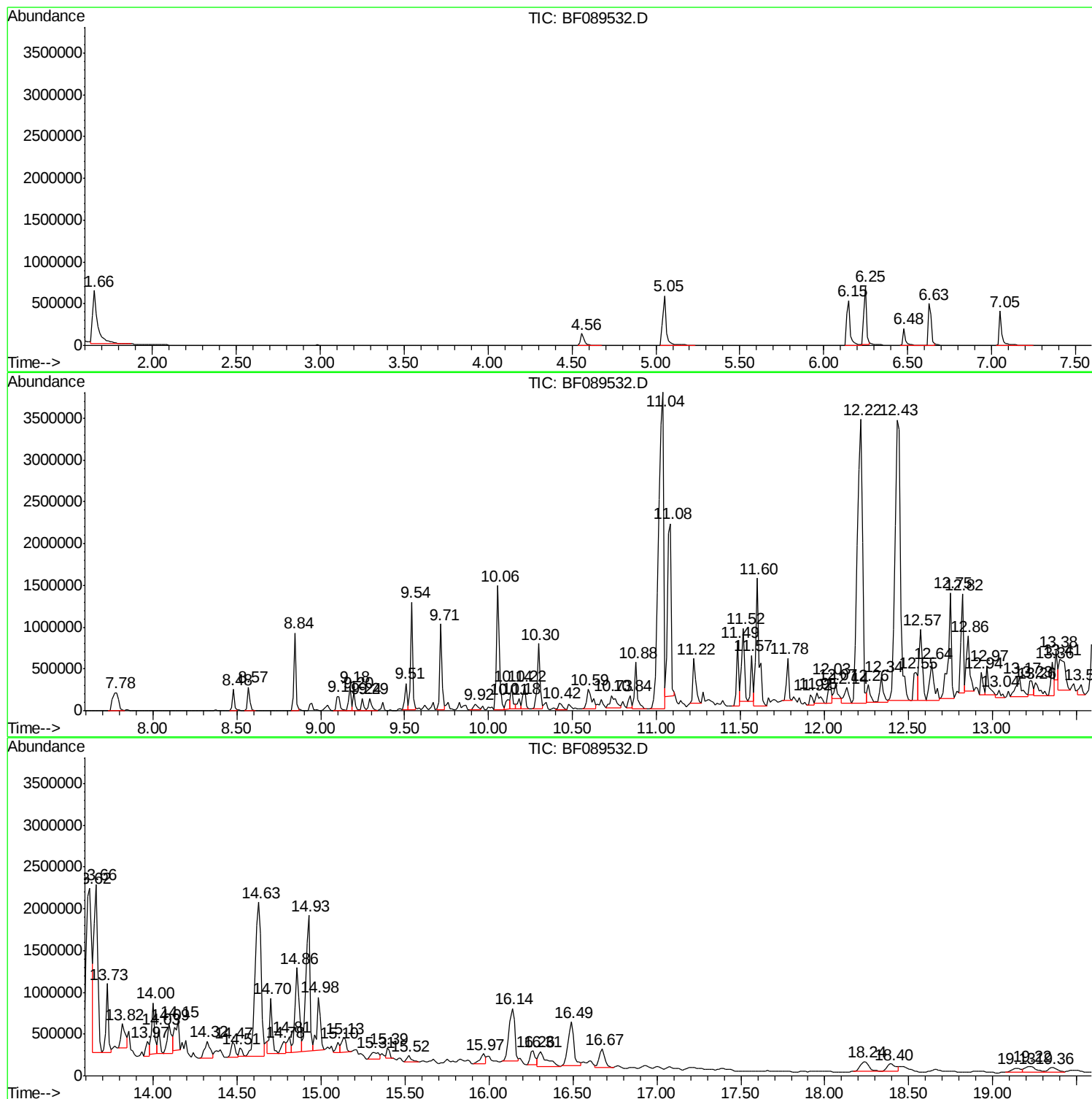
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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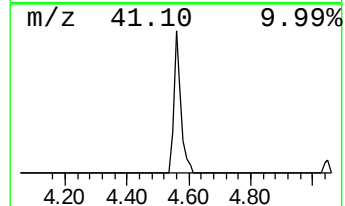
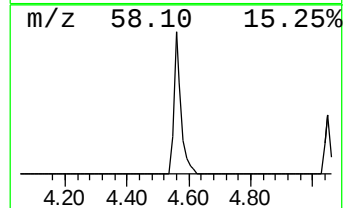
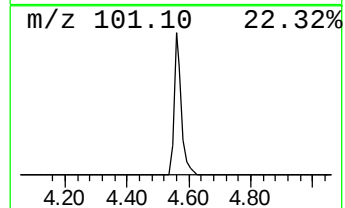
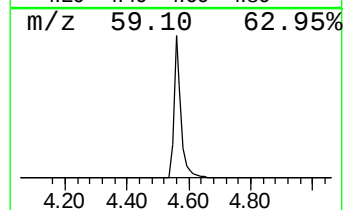
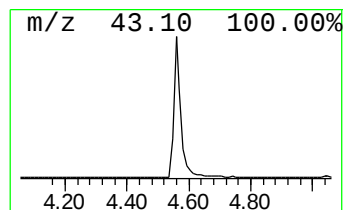
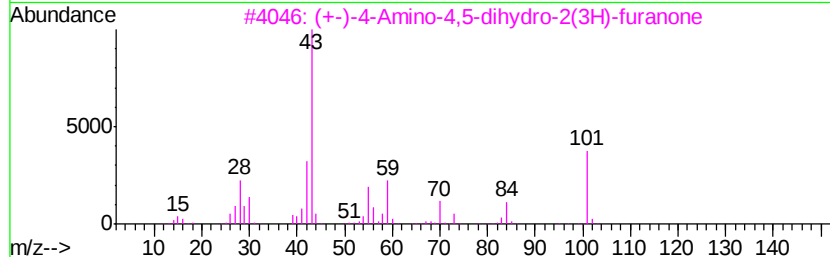
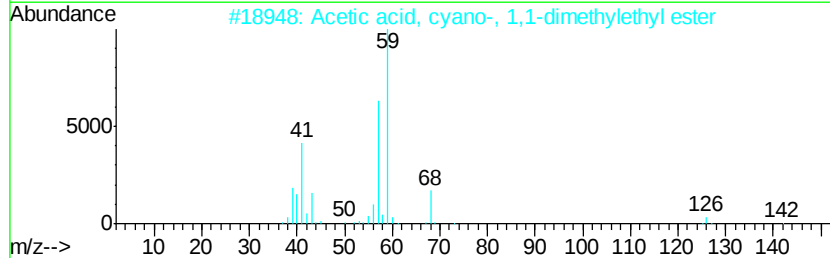
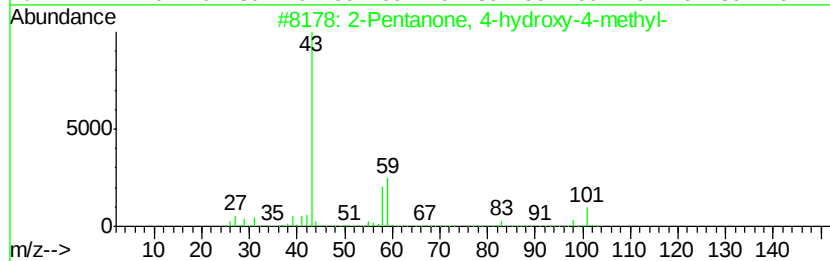
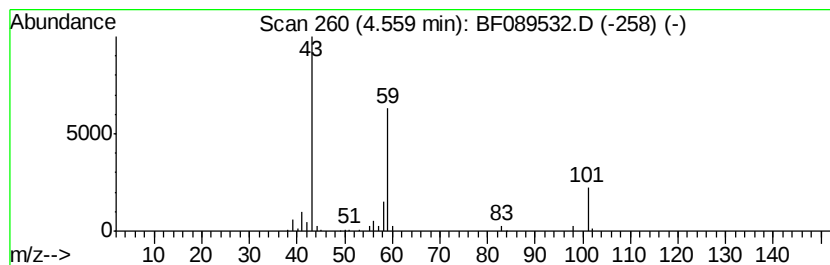
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	20.52 ng	222376	1,4-Dichlorobenzene-d4	6.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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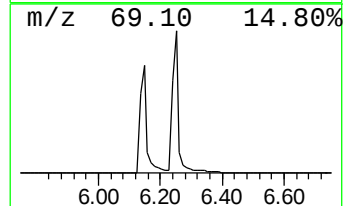
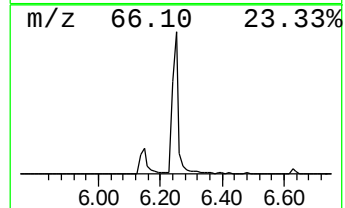
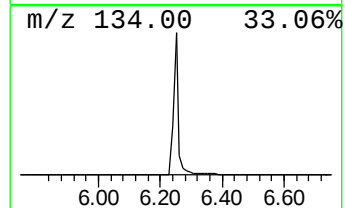
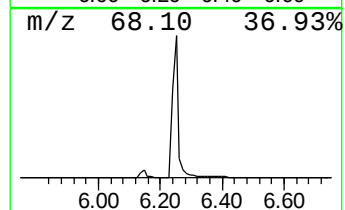
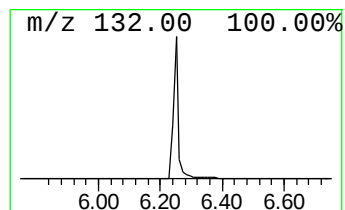
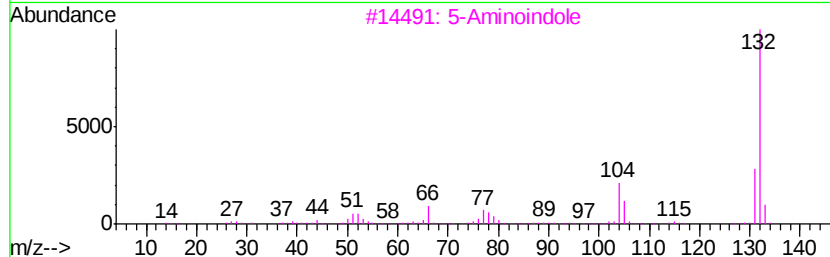
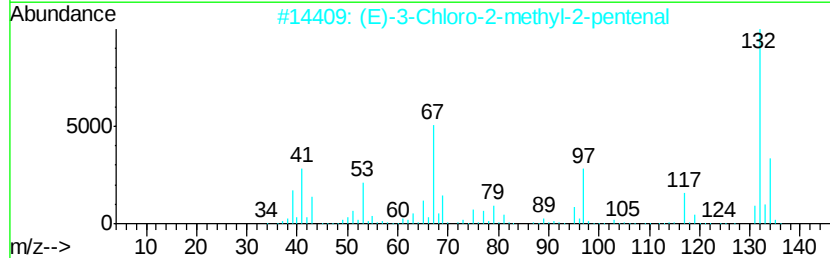
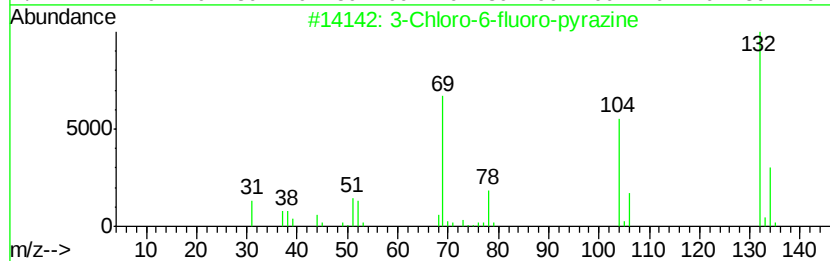
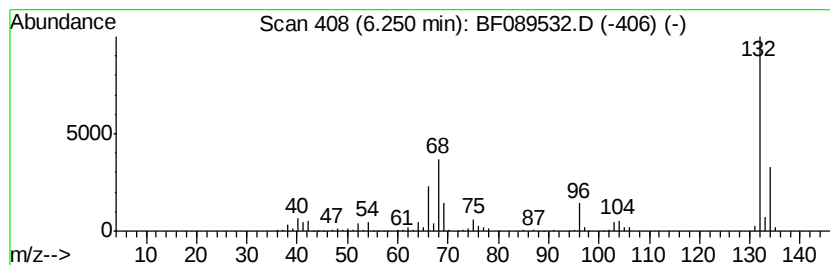
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.25 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	74.58 ng	808226	1,4-Dichlorobenzene-d4	6.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9



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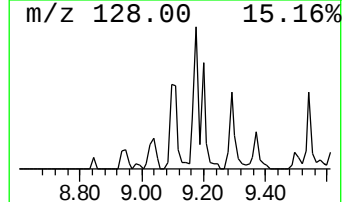
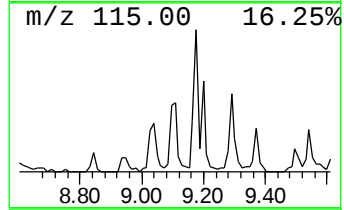
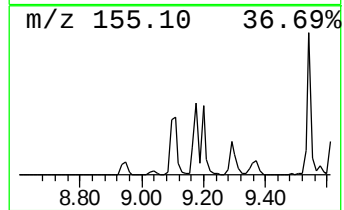
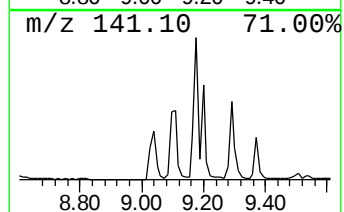
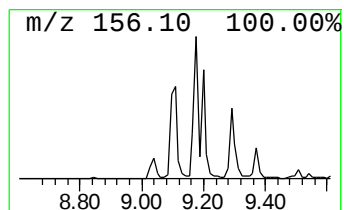
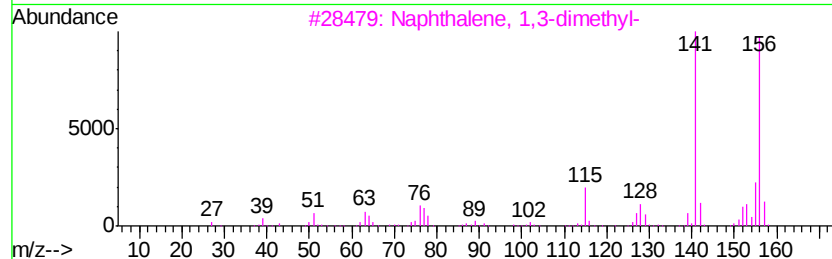
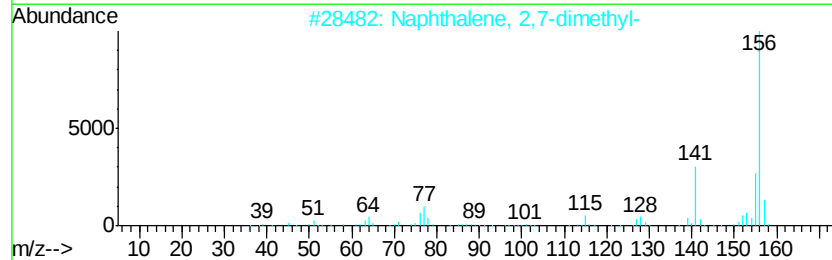
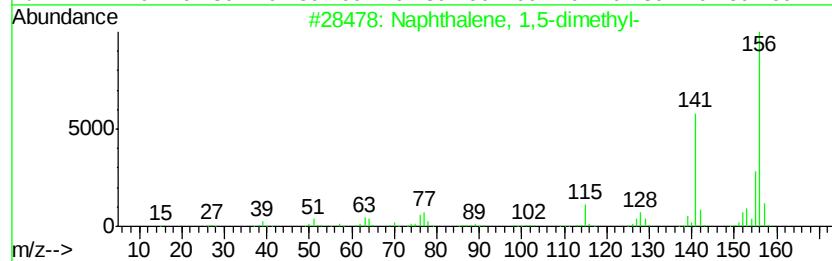
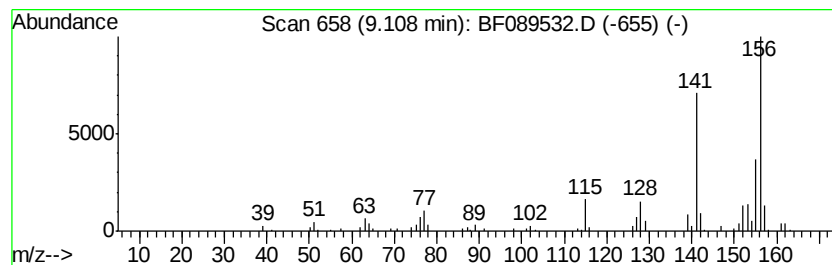
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Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	17.07 ng	273861	Acenaphthene-d10	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
Operator : UM/SJ
Sample : H4288-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

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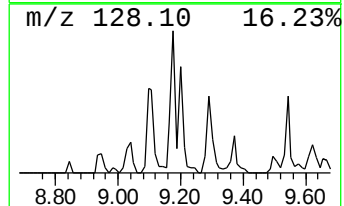
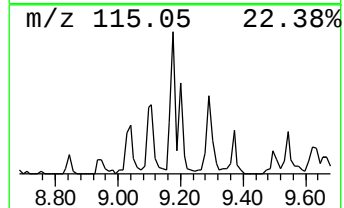
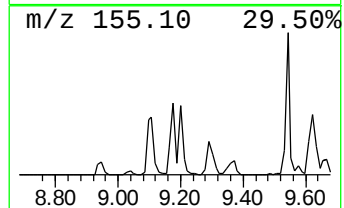
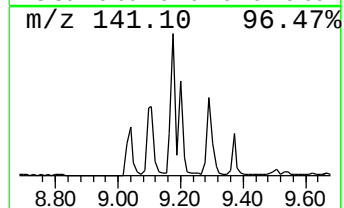
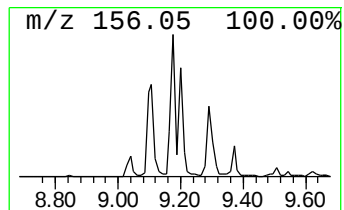
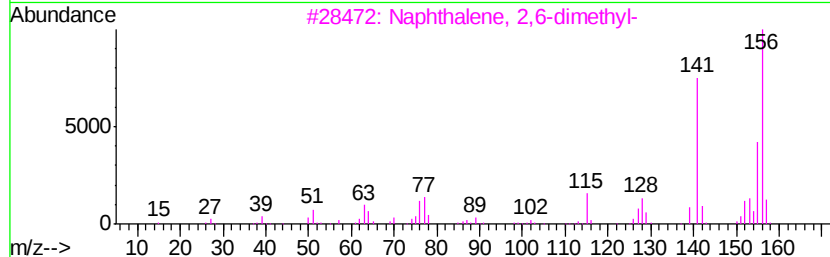
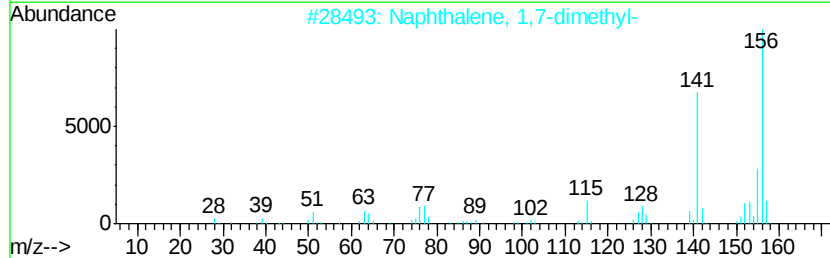
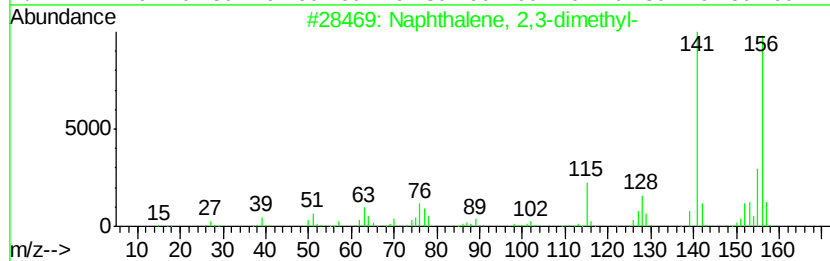
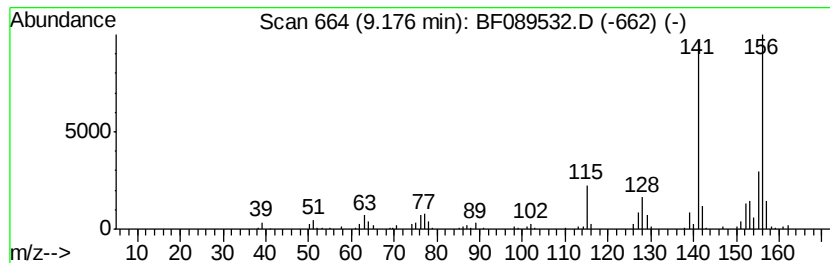
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	18.52 ng	297106	Acenaphthene-d10	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
Operator : UM/SJ
Sample : H4288-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-64-0.5-1.5

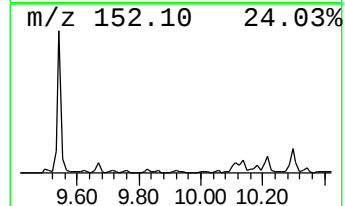
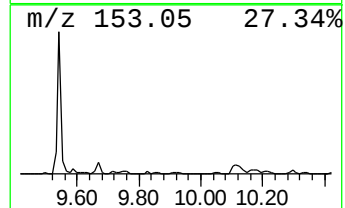
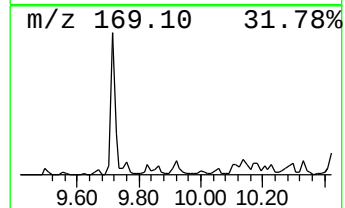
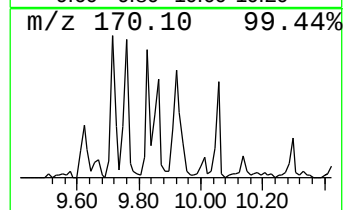
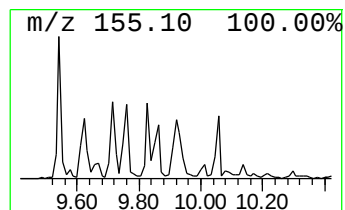
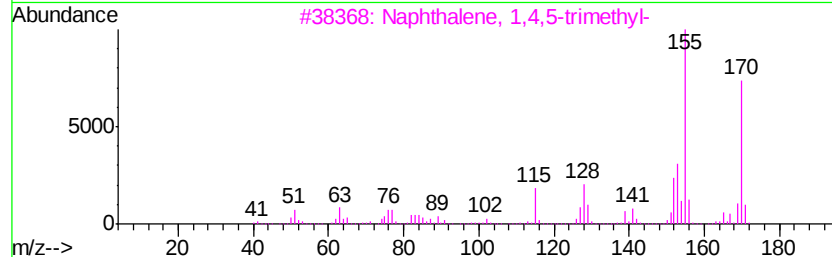
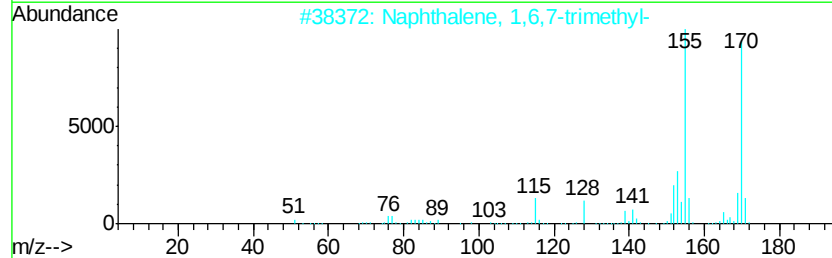
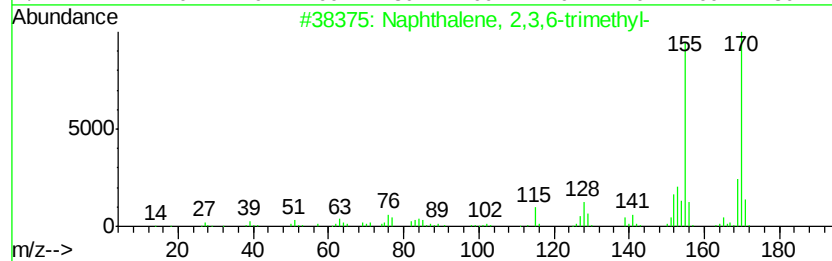
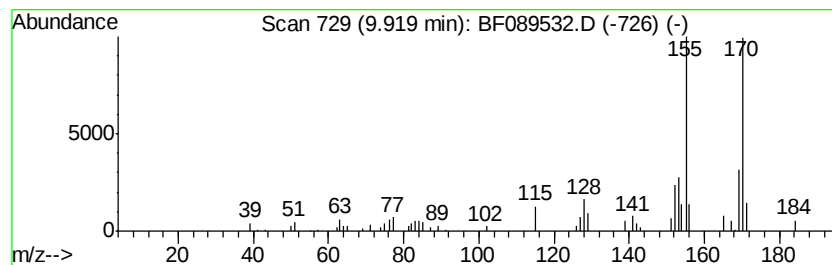
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	8.33 ng	133627	Acenaphthene-d10	9.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	92



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
Operator : UM/SJ
Sample : H4288-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

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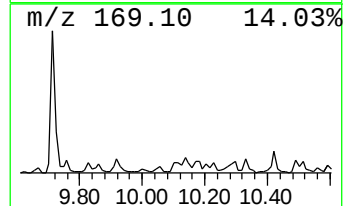
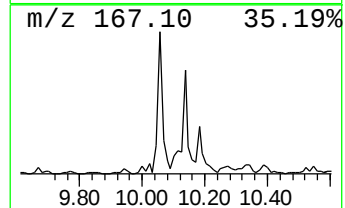
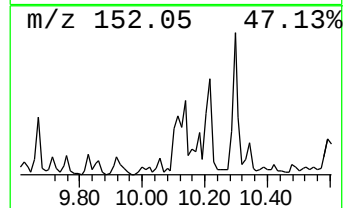
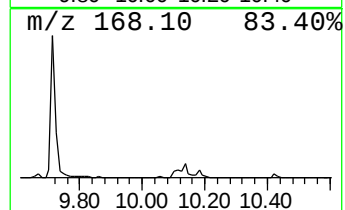
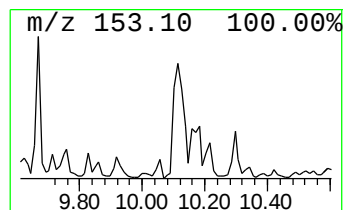
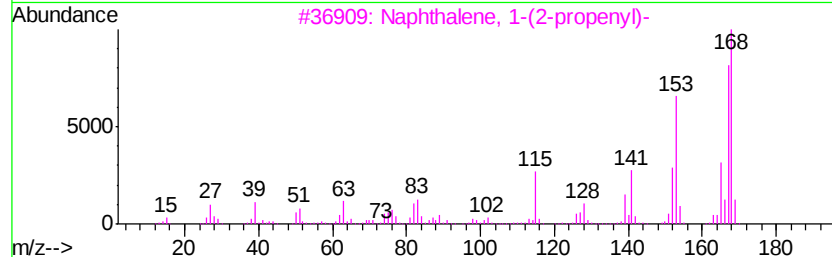
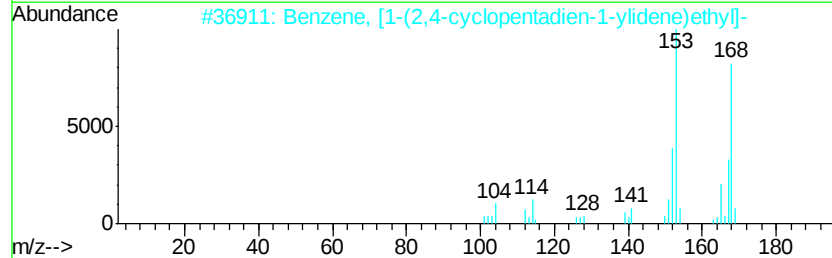
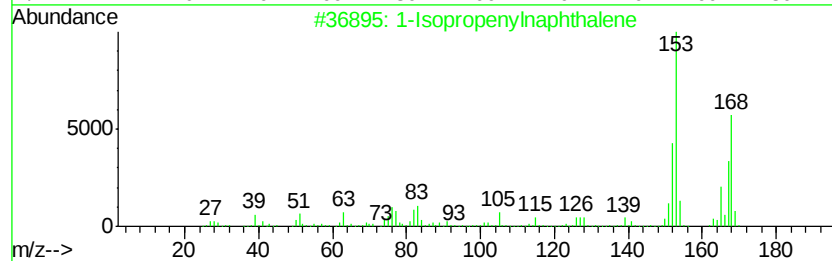
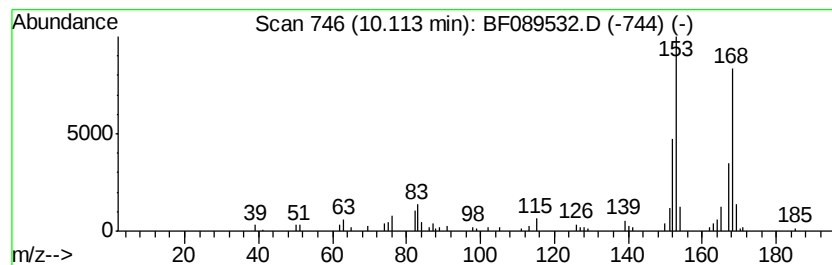
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	13.74 ng	220475	Acenaphthene-d10	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	94
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
3		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
5		3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
Operator : UM/SJ
Sample : H4288-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

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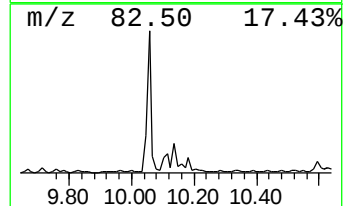
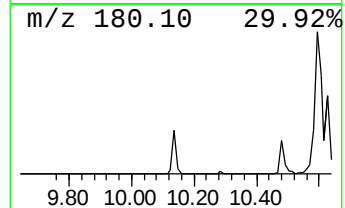
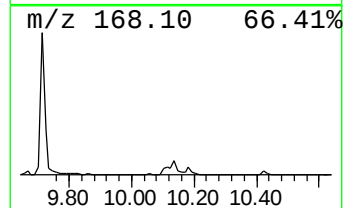
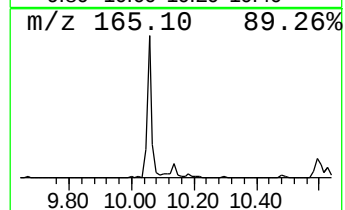
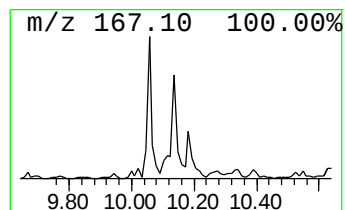
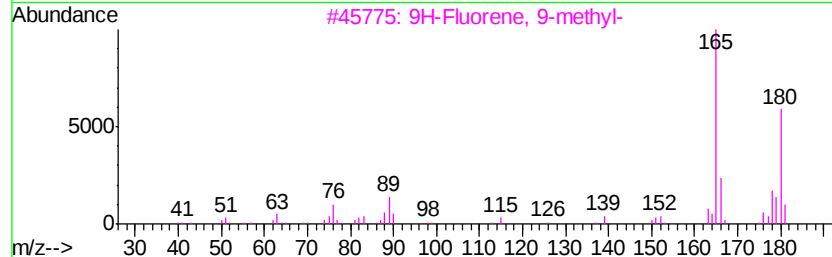
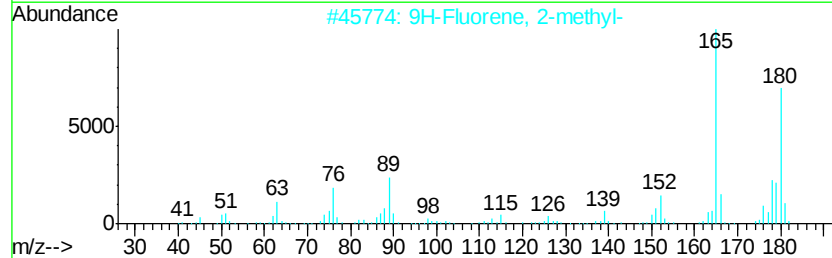
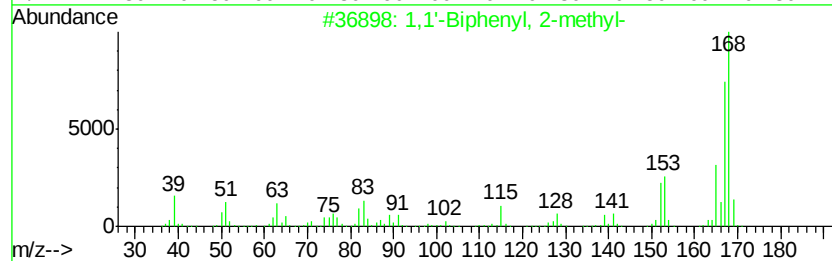
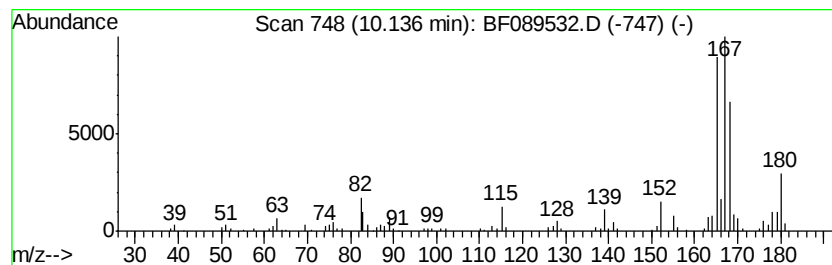
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	17.06 ng	273747	Acenaphthene-d10	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	70
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	45
5		Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
Operator : UM/SJ
Sample : H4288-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

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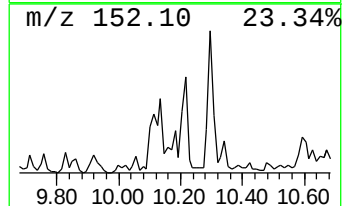
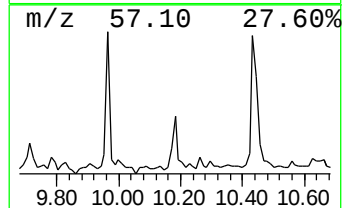
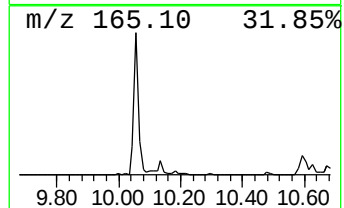
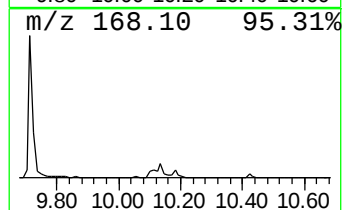
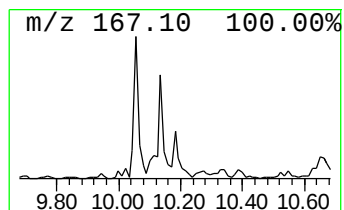
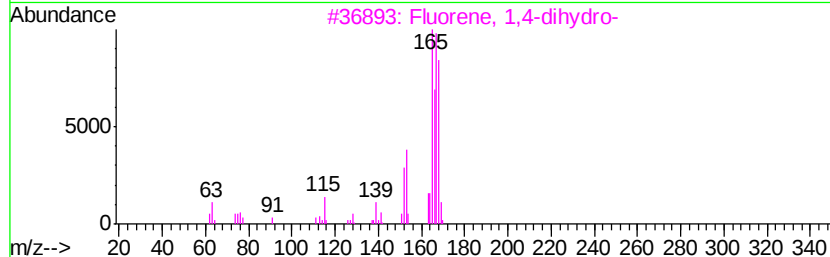
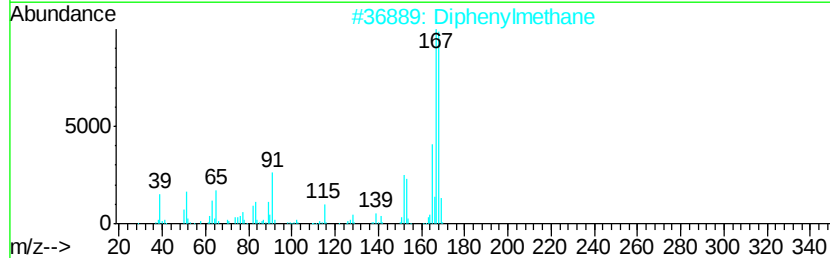
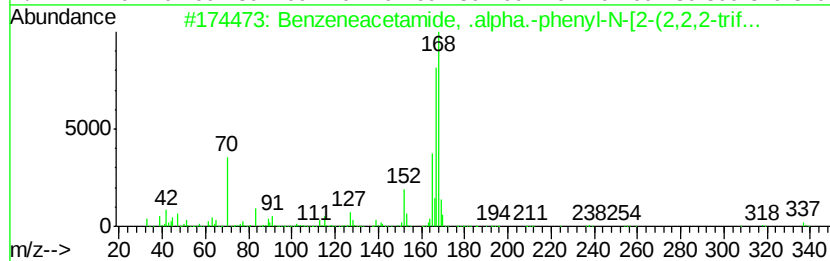
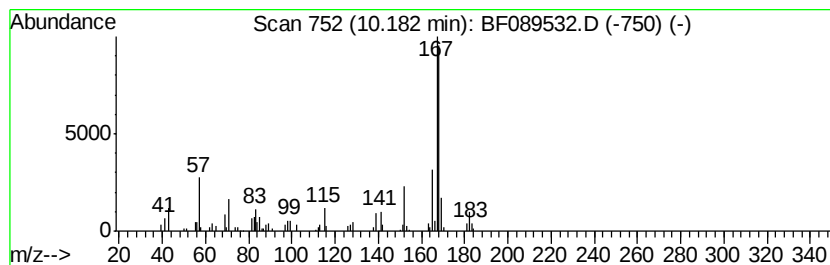
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzeneacetamide, .alpha.-p... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	9.54 ng	153033	Acenaphthene-d10	9.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3N02	1000350-80-6	72
2			Diphenylmethane	168	C13H12	000101-81-5	72
3			Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	68
4			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
5			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
Operator : UM/SJ
Sample : H4288-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

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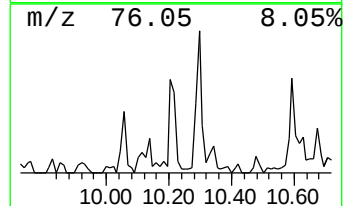
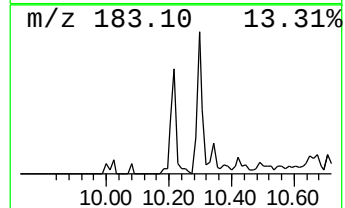
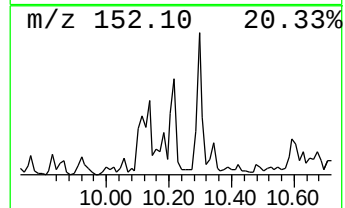
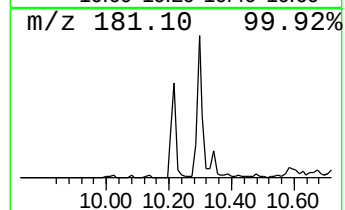
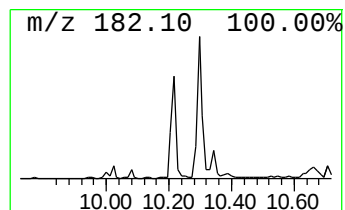
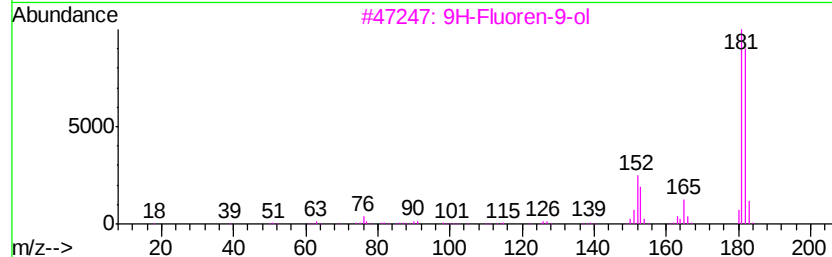
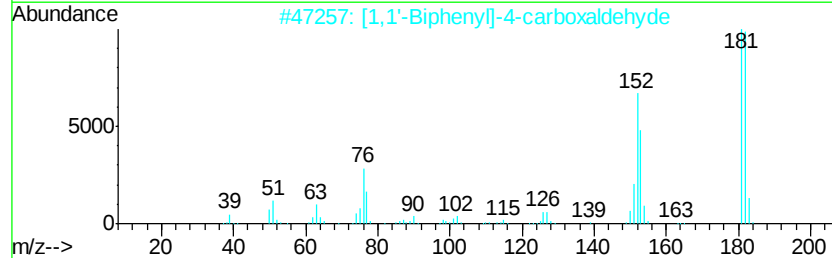
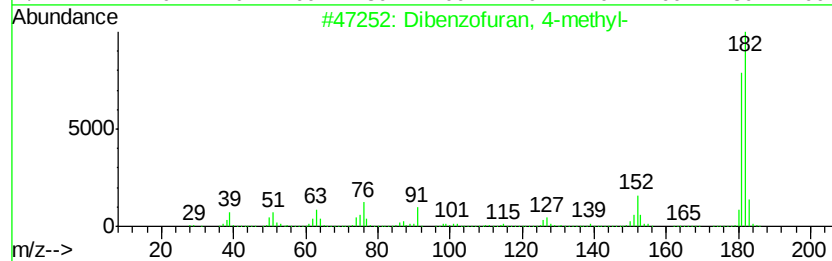
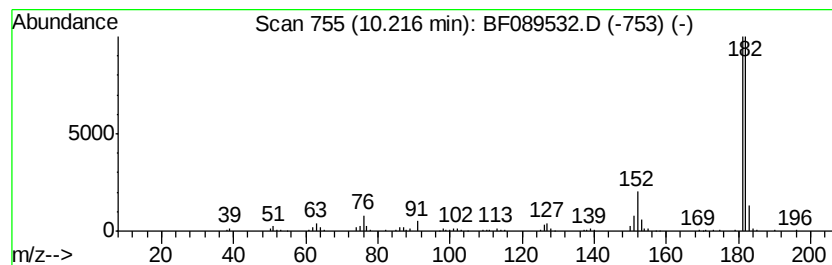
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dibenzofuran, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	20.88 ng	335006	Acenaphthene-d10	9.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4		2-Hydroxyfluorene	182	C13H10O	002443-58-5	64
5		9H-Xanthene	182	C13H10O	000092-83-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
Operator : UM/SJ
Sample : H4288-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

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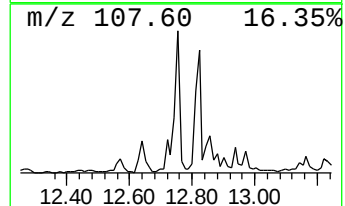
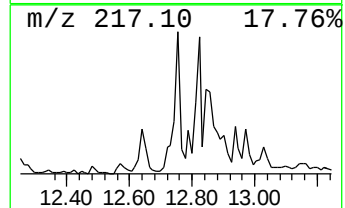
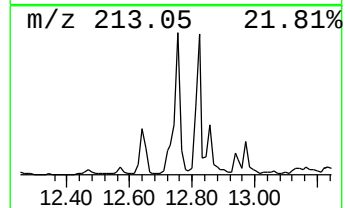
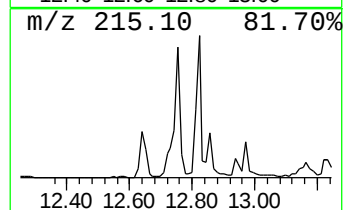
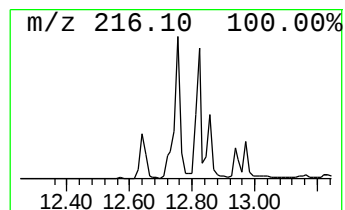
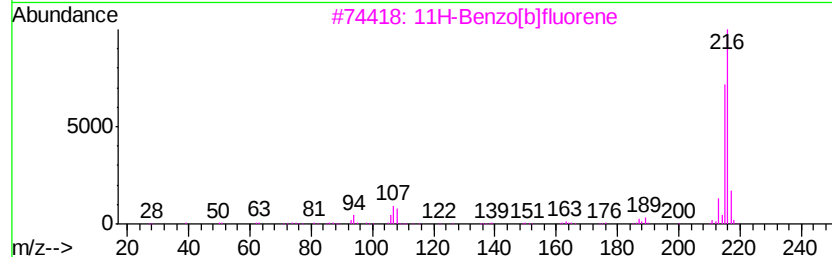
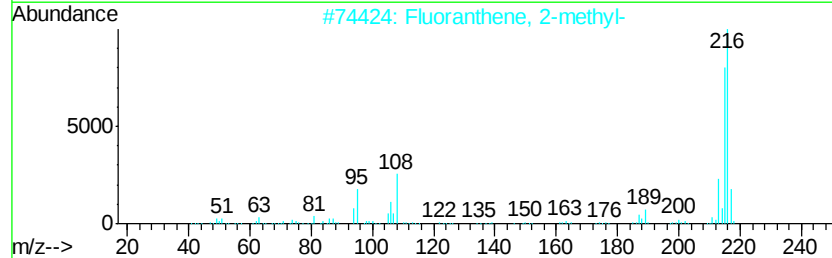
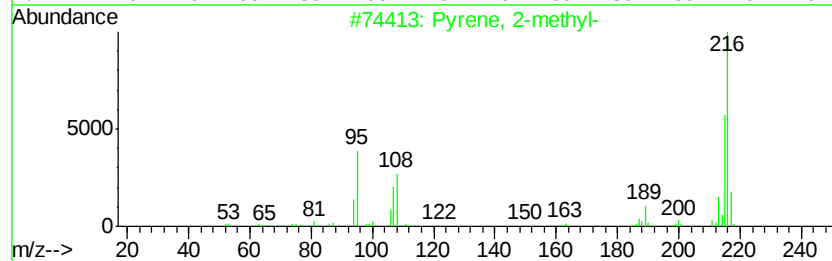
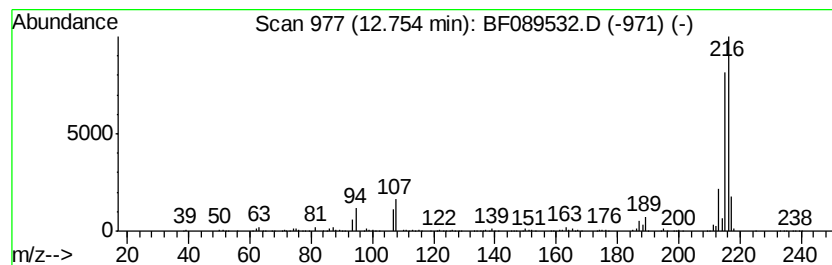
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	7.70 ng	1742670	Chrysene-d12	13.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
Operator : UM/SJ
Sample : H4288-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

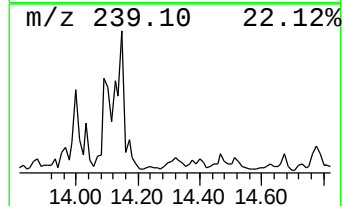
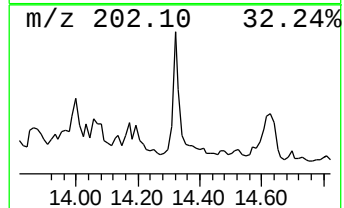
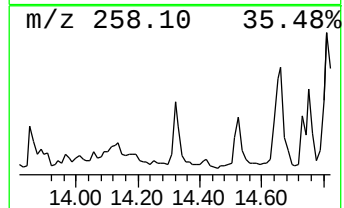
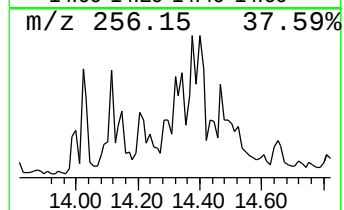
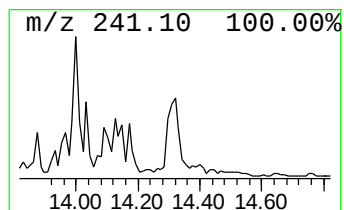
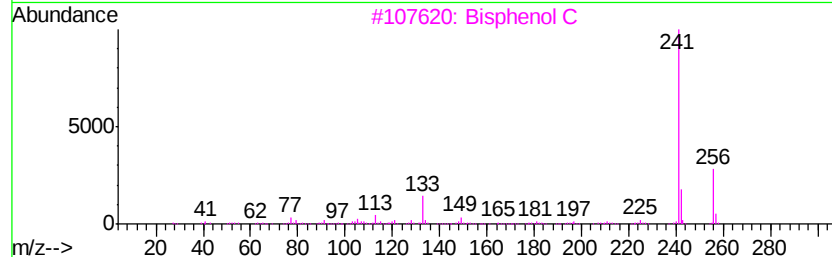
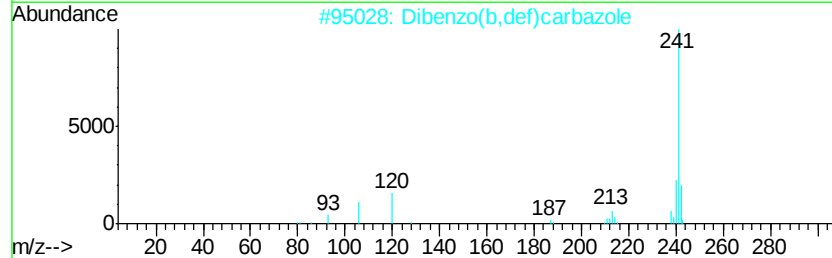
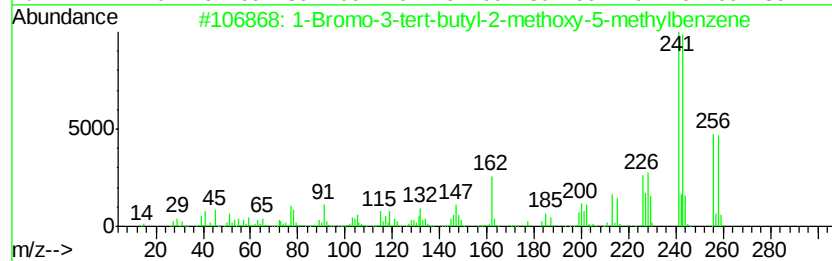
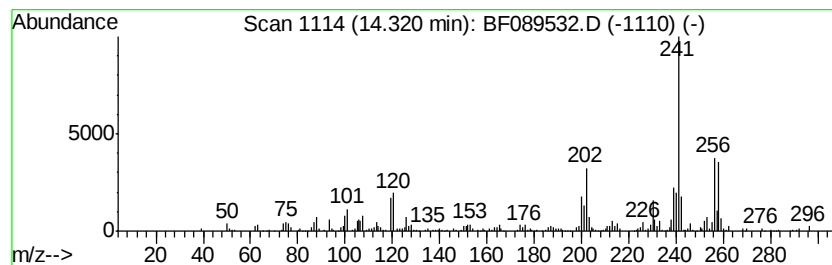
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Bromo-3-tert-butyl-2-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.32	10.04 ng	499587	Perylene-d12	14.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Bromo-3-tert-butyl-2-methoxy-5-methylbenzene	256	C12H17BrO	117439-55-1	53
2		Dibenzo(b,def)carbazole	241	C18H11N	104313-09-9	50
3		Bisphenol C	256	C17H20O2	000079-97-0	43
4		3,5-Bis(trifluoromethyl)benzoic ...	258	C9H4F6O2	000725-89-3	43
5		4-[(2-Hydroxy-benzylidene)-amino]benzoic ...	241	C14H11NO3	000788-24-9	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
Operator : UM/SJ
Sample : H4288-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-64-0.5-1.5

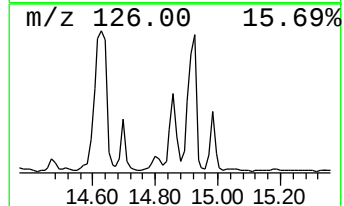
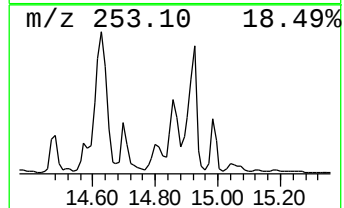
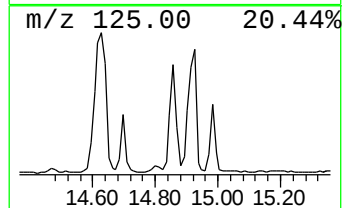
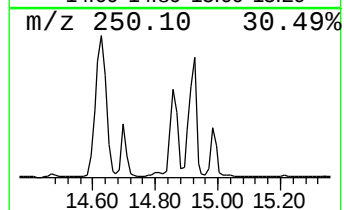
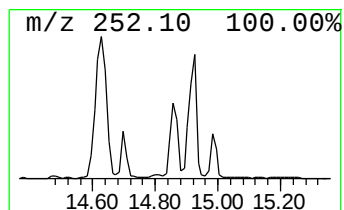
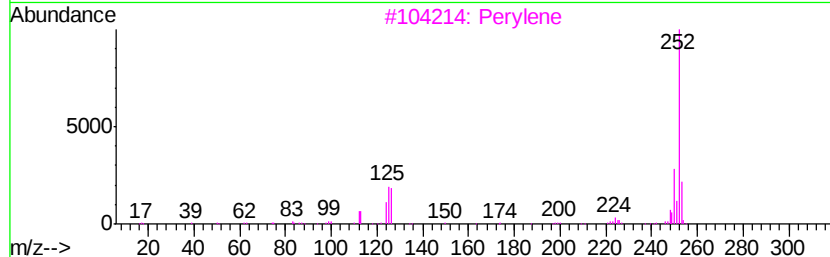
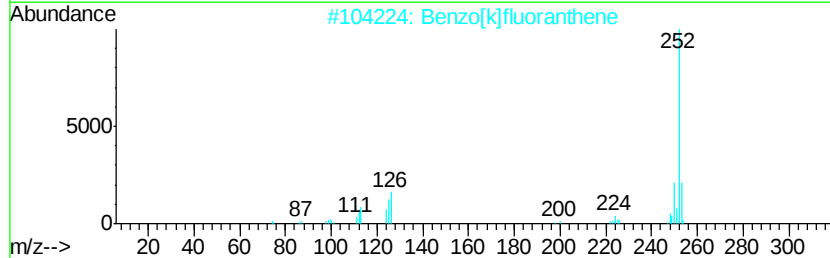
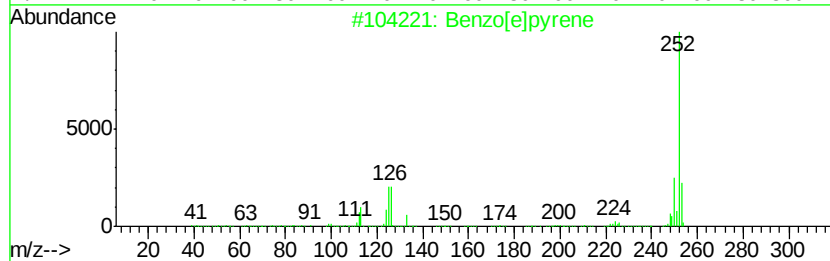
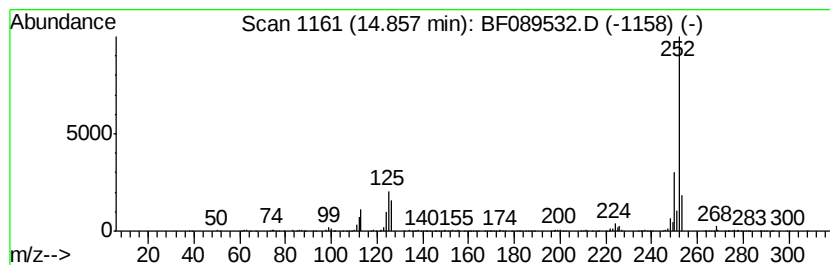
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	33.16 ng	1650550	Perylene-d12	14.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Perylene	252	C20H12	000198-55-0	98
4		Benzo[a]pyrene	252	C20H12	000050-32-8	96
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
Operator : UM/SJ
Sample : H4288-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-64-0.5-1.5

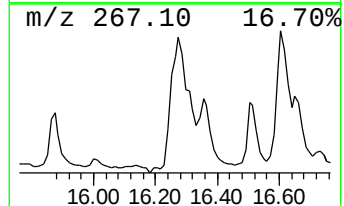
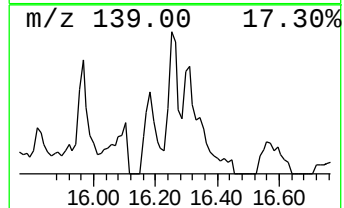
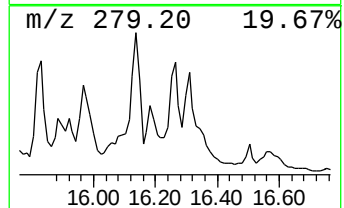
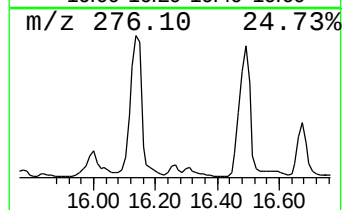
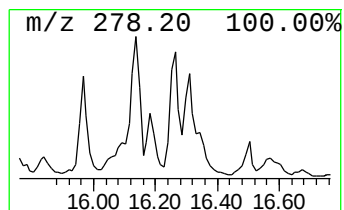
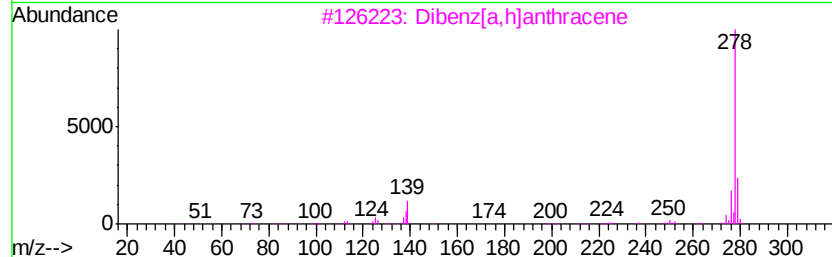
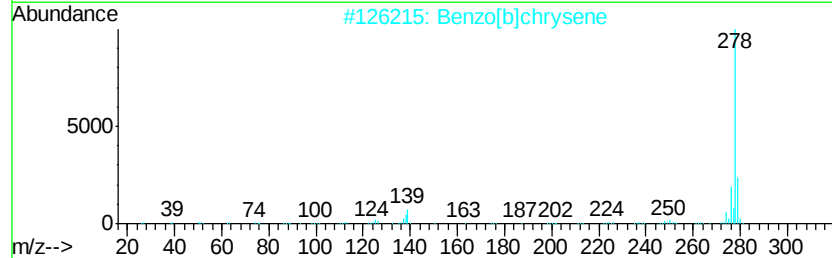
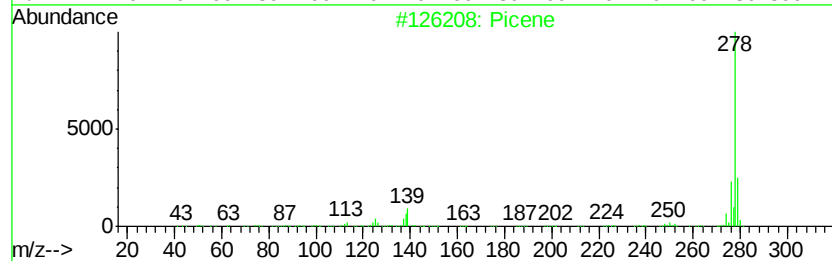
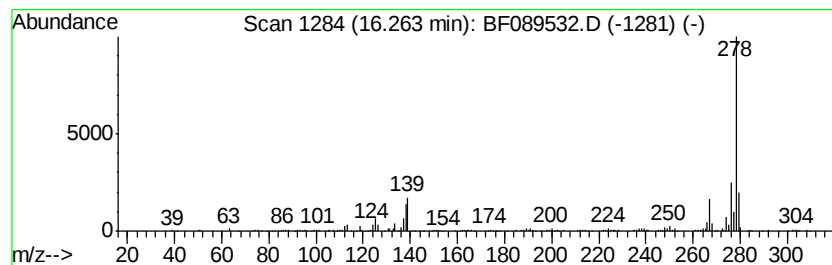
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Picene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	7.18 ng	357323	Perylene-d12	14.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	98
2			Benzo[b]chrysene	278	C22H14	000214-17-5	97
3			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
4			Benzo[b]triphenylene	278	C22H14	000215-58-7	95
5			Pentacene	278	C22H14	000135-48-8	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
Operator : UM/SJ
Sample : H4288-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-64-0.5-1.5

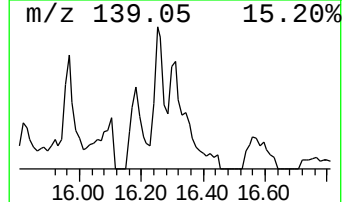
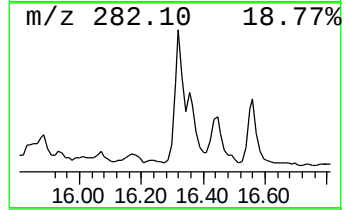
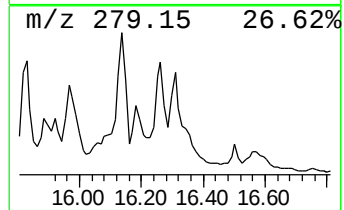
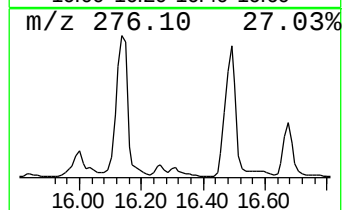
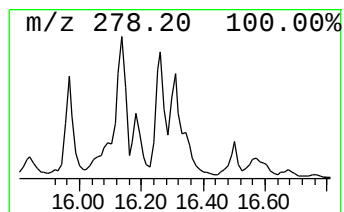
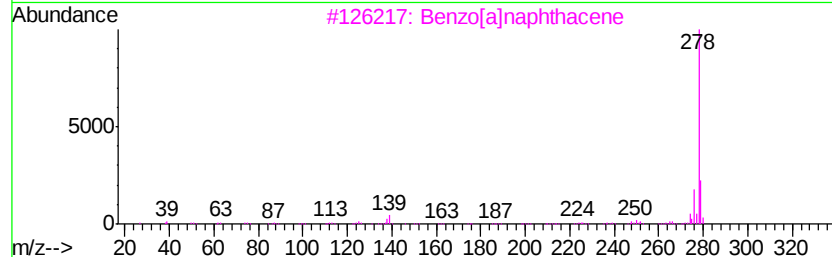
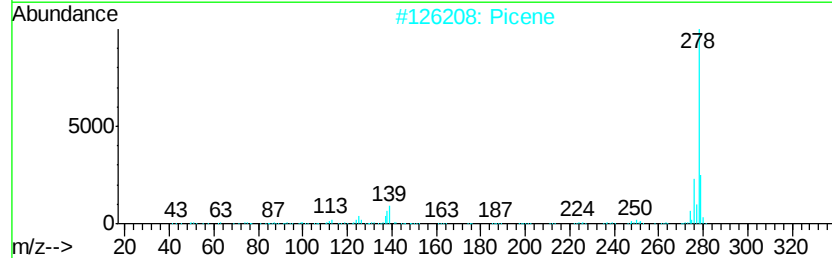
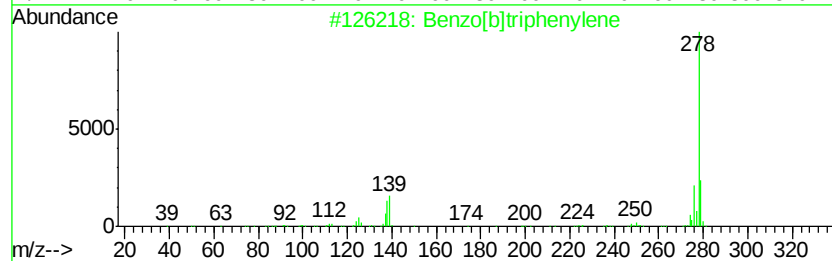
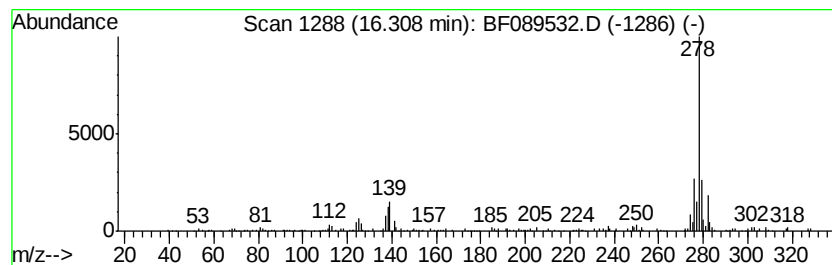
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	11.48 ng	571313	Perylene-d12	14.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2		Picene	278	C22H14	000213-46-7	96
3		Benzo[a]naphthacene	278	C22H14	000226-88-0	95
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
5		Pentaphene	278	C22H14	000222-93-5	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089532.D
Acq On : 2 Aug 2016 1:56
Operator : UM/SJ
Sample : H4288-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-64-0.5-1.5

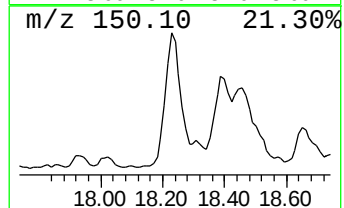
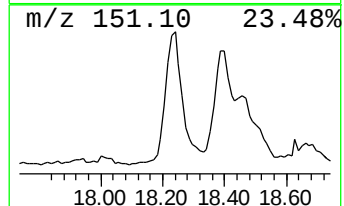
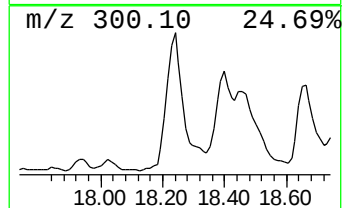
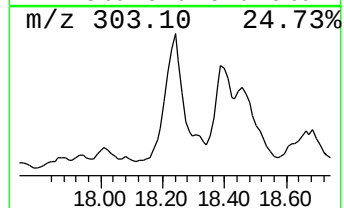
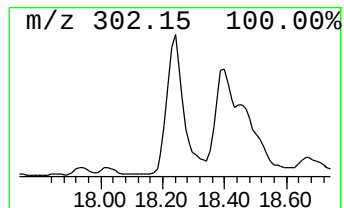
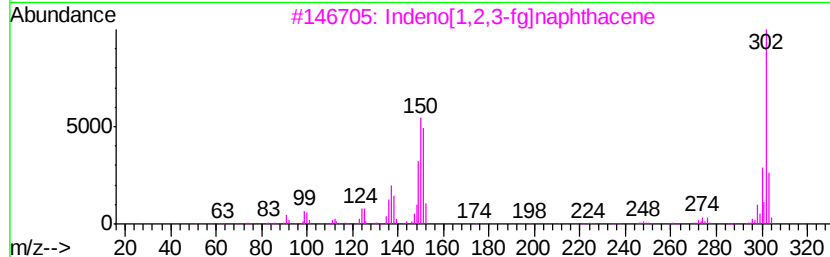
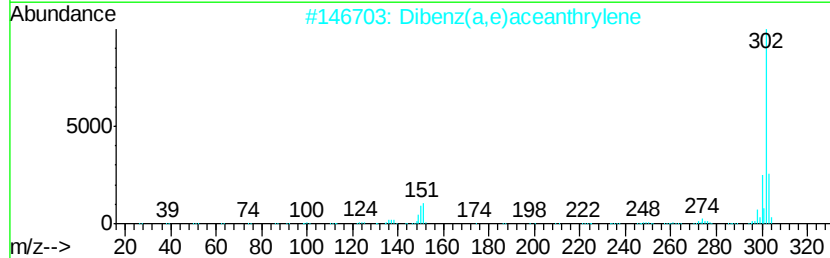
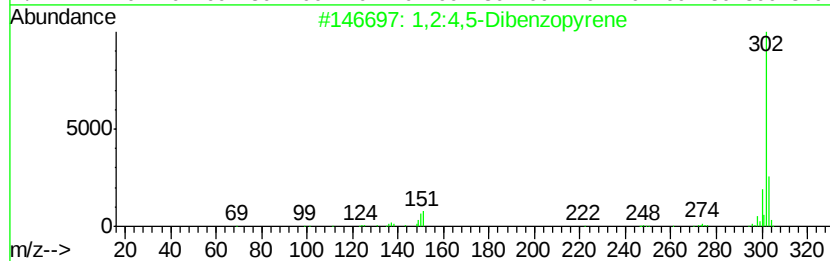
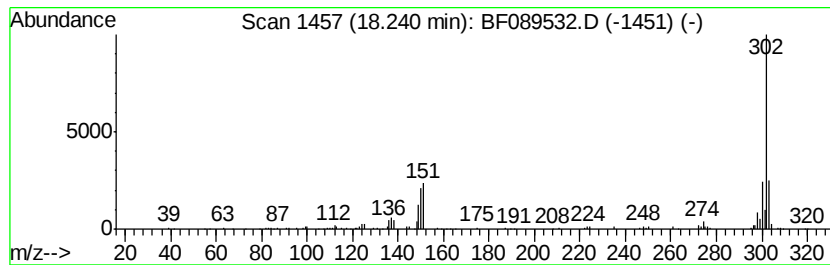
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	8.44 ng	420346	Perylene-d12	14.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
2			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
3			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	93
4			1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	91
5			Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089532.D
 Acq On : 2 Aug 2016 1:56
 Operator : UM/SJ
 Sample : H4288-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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...	4.56	20.5	ng	222376	1	6.48	216739	20.0
unknown6.25	6.25	74.6	ng	808226	1	6.48	216739	20.0
Naphthalene, 1,5-...	9.11	17.1	ng	273861	3	9.51	320845	20.0
Naphthalene, 2,3-...	9.18	18.5	ng	297106	3	9.51	320845	20.0
Naphthalene, 2,3,...	9.92	8.3	ng	133627	3	9.51	320845	20.0
1-Isopropenyl naph...	10.11	13.7	ng	220475	3	9.51	320845	20.0
1,1'-Biphenyl, 2-...	10.14	17.1	ng	273747	3	9.51	320845	20.0
Benzeneacetamide,...	10.18	9.5	ng	153033	3	9.51	320845	20.0
Dibenzofuran, 4-m...	10.22	20.9	ng	335006	3	9.51	320845	20.0
Pyrene, 2-methyl-	12.75	7.7	ng	1742670	5	13.63	4525410	20.0
1-Bromo-3-tert-bu...	14.32	10.0	ng	499587	6	14.96	995650	20.0
Benzo[e]pyrene	14.86	33.2	ng	1650550	6	14.96	995650	20.0
Picene	16.26	7.2	ng	357323	6	14.96	995650	20.0
Benzo[b]triphenylene	16.31	11.5	ng	571313	6	14.96	995650	20.0
1,2:4,5-Dibenzopy...	18.24	8.4	ng	420346	6	14.96	995650	20.0