

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
 Data File : BF090149.D
 Acq On : 20 Sep 2016 22:24
 Operator : UM/SJ
 Sample : H4850-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FHSW-01-EASTSIDEWALL

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-BF092016.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	1.678	6	8	59	rVB	3414629	11338001	100.00%	8.360%
2	4.616	262	265	270	rBV	445184	720764	6.36%	0.531%
3	4.822	270	283	287	rVV3	45700	272324	2.40%	0.201%
4	5.084	304	306	309	rBV	2682573	3111300	27.44%	2.294%
5	6.170	399	401	404	rBV	2235598	3528842	31.12%	2.602%
6	6.285	408	411	414	rVB	3178052	3092440	27.28%	2.280%
7	6.513	429	431	434	rBV	794370	893169	7.88%	0.659%
8	6.673	442	445	448	rBV	2826254	2625927	23.16%	1.936%
9	7.096	479	482	484	rBV	1503596	2228238	19.65%	1.643%
10	7.805	542	544	548	rBV2	1394460	1632544	14.40%	1.204%
11	8.890	636	639	641	rBV	3805024	3599608	31.75%	2.654%
12	9.210	665	667	671	rBV	240509	489152	4.31%	0.361%
13	9.291	671	674	676	rVV	1404852	1307347	11.53%	0.964%
14	9.325	676	677	681	rVB	155020	237664	2.10%	0.175%
15	9.405	682	684	687	rBV	901651	1119776	9.88%	0.826%
16	9.553	695	697	698	rBV	1107790	1202245	10.60%	0.887%
17	9.759	712	715	717	rBV	306789	454000	4.00%	0.335%
18	9.873	723	725	726	rBV	179657	254651	2.25%	0.188%
19	9.976	730	734	735	rBV2	167447	369441	3.26%	0.272%
20	10.091	742	744	746	rBV	386064	328596	2.90%	0.242%
21	10.251	757	758	762	rVB2	339859	316517	2.79%	0.233%
22	10.331	762	765	768	rBV	1697151	1900693	16.76%	1.402%
23	10.479	772	778	781	rBV2	209953	539116	4.75%	0.398%
24	10.639	790	792	796	rBV4	149680	311679	2.75%	0.230%
25	10.788	801	805	806	rBV2	256969	502949	4.44%	0.371%
26	10.834	806	809	811	rVB	205001	364748	3.22%	0.269%
27	10.879	811	813	815	rBV	261748	338361	2.98%	0.249%
28	10.914	815	816	819	rVB2	352561	417854	3.69%	0.308%
29	11.051	823	828	830	rBV2	4091718	5628843	49.65%	4.151%
30	11.096	830	832	834	rVV	1104980	973273	8.58%	0.718%
31	11.279	842	848	850	rBV2	265713	614169	5.42%	0.453%
32	11.325	850	852	853	rVV	202219	234667	2.07%	0.173%
33	11.348	853	854	857	rVB2	370008	355600	3.14%	0.262%
34	11.519	866	869	870	rBV	897417	863714	7.62%	0.637%

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35	11.542	870	871	873	rVB	841498	1011810	8.92%	0.746%
36	11.588	873	875	876	rBV	760139	981325	8.66%	0.724%
37	11.622	876	878	883	rVB2	1018676	2297874	20.27%	1.694%
38	11.816	892	895	900	rBV2	832231	1495884	13.19%	1.103%
39	11.965	905	908	909	rBV2	167285	261738	2.31%	0.193%
40	12.068	914	917	918	rBV	573215	663885	5.86%	0.490%
41	12.102	918	920	923	rVV2	284714	482881	4.26%	0.356%
42	12.148	923	924	928	rVB	601601	883725	7.79%	0.652%
43	12.239	928	932	934	rBV	4647298	7213426	63.62%	5.319%
44	12.285	934	936	937	rBV	243843	288085	2.54%	0.212%
45	12.319	937	939	941	rVB	786610	866804	7.65%	0.639%
46	12.377	941	944	947	rBV3	1036307	1826721	16.11%	1.347%
47	12.457	947	951	954	rBV2	3770324	7470858	65.89%	5.509%
48	12.502	954	955	958	rVB2	346517	446389	3.94%	0.329%
49	12.571	958	961	962	rBV	539813	587084	5.18%	0.433%
50	12.605	962	964	967	rVB	2268314	2269048	20.01%	1.673%
51	12.674	967	970	973	rBV3	558335	915002	8.07%	0.675%
52	12.777	973	979	981	rVB2	671569	1389369	12.25%	1.024%
53	12.845	981	985	986	rBV2	316066	522155	4.61%	0.385%
54	12.879	986	988	990	rVV	762693	913894	8.06%	0.674%
55	12.971	992	996	997	rBV2	363011	573723	5.06%	0.423%
56	12.994	997	998	1004	rVB3	425882	494196	4.36%	0.364%
57	13.085	1004	1006	1010	rVB4	150649	259357	2.29%	0.191%
58	13.199	1010	1016	1019	rBV5	182783	784444	6.92%	0.578%
59	13.279	1020	1023	1025	rVB	735720	804539	7.10%	0.593%
60	13.382	1030	1032	1034	rBV	728961	1037495	9.15%	0.765%
61	13.417	1034	1035	1036	rVV	477482	491362	4.33%	0.362%
62	13.485	1040	1041	1043	rVB	607754	573629	5.06%	0.423%
63	13.520	1043	1044	1046	rBV2	347056	429216	3.79%	0.316%
64	13.634	1050	1054	1056	rBV2	2662787	5590824	49.31%	4.123%
65	13.668	1056	1057	1061	rVB	2300358	3120591	27.52%	2.301%
66	13.737	1061	1063	1065	rVB2	345860	384285	3.39%	0.283%
67	13.782	1065	1067	1069	rBV	321800	467822	4.13%	0.345%
68	13.988	1080	1085	1086	rBV3	201728	456603	4.03%	0.337%
69	14.022	1086	1088	1089	rVV	743093	814320	7.18%	0.600%
70	14.057	1089	1091	1093	rVV2	447921	588067	5.19%	0.434%
71	14.114	1094	1096	1097	rVV	305722	345672	3.05%	0.255%

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72	14.148	1097	1099	1104	rVV4	616219	1135849	10.02%	0.838%
73	14.217	1104	1105	1108	rVB2	242302	249933	2.20%	0.184%
74	14.320	1112	1114	1117	rBV2	247151	515708	4.55%	0.380%
75	14.434	1122	1124	1126	rVV3	168049	337692	2.98%	0.249%
76	14.491	1126	1129	1132	rVV3	324048	742200	6.55%	0.547%
77	14.560	1133	1135	1138	rVV3	260225	521003	4.60%	0.384%
78	14.640	1138	1142	1147	rVV	2510590	6334206	55.87%	4.671%
79	14.708	1147	1148	1150	rVV	744348	1262692	11.14%	0.931%
80	14.800	1153	1156	1158	rVV2	212936	636896	5.62%	0.470%
81	14.880	1160	1163	1165	rVV	1552381	2714322	23.94%	2.001%
82	14.925	1165	1167	1169	rVV	1947948	3291956	29.03%	2.427%
83	14.994	1169	1173	1180	rVB3	811900	2168559	19.13%	1.599%
84	15.383	1204	1207	1209	rBV3	362218	634367	5.60%	0.468%
85	15.417	1209	1210	1214	rVV	334416	419762	3.70%	0.310%
86	15.783	1240	1242	1245	rBV3	120253	226752	2.00%	0.167%
87	15.885	1248	1251	1257	rVB4	176787	583144	5.14%	0.430%
88	16.011	1257	1262	1269	rBV3	345791	1102264	9.72%	0.813%
89	16.160	1269	1275	1278	rBV	1200487	2609636	23.02%	1.924%
90	16.285	1283	1286	1288	rBV2	180761	376165	3.32%	0.277%
91	16.331	1288	1290	1292	rVB	204668	312048	2.75%	0.230%
92	16.503	1301	1305	1310	rBV	951650	2092202	18.45%	1.543%
93	16.606	1310	1314	1318	rVV5	428580	982317	8.66%	0.724%
94	16.674	1318	1320	1327	rVB2	311717	653671	5.77%	0.482%
95	17.406	1380	1384	1393	rVB3	190583	593277	5.23%	0.437%
96	18.251	1451	1458	1464	rVB	238747	917839	8.10%	0.677%
97	18.400	1465	1471	1473	rBV	166696	579163	5.11%	0.427%
98	19.120	1529	1534	1536	rBV	115677	376367	3.32%	0.278%
99	19.200	1537	1541	1549	rVB	236148	834801	7.36%	0.616%
100	19.337	1549	1553	1558	rBV	70097	239655	2.11%	0.177%

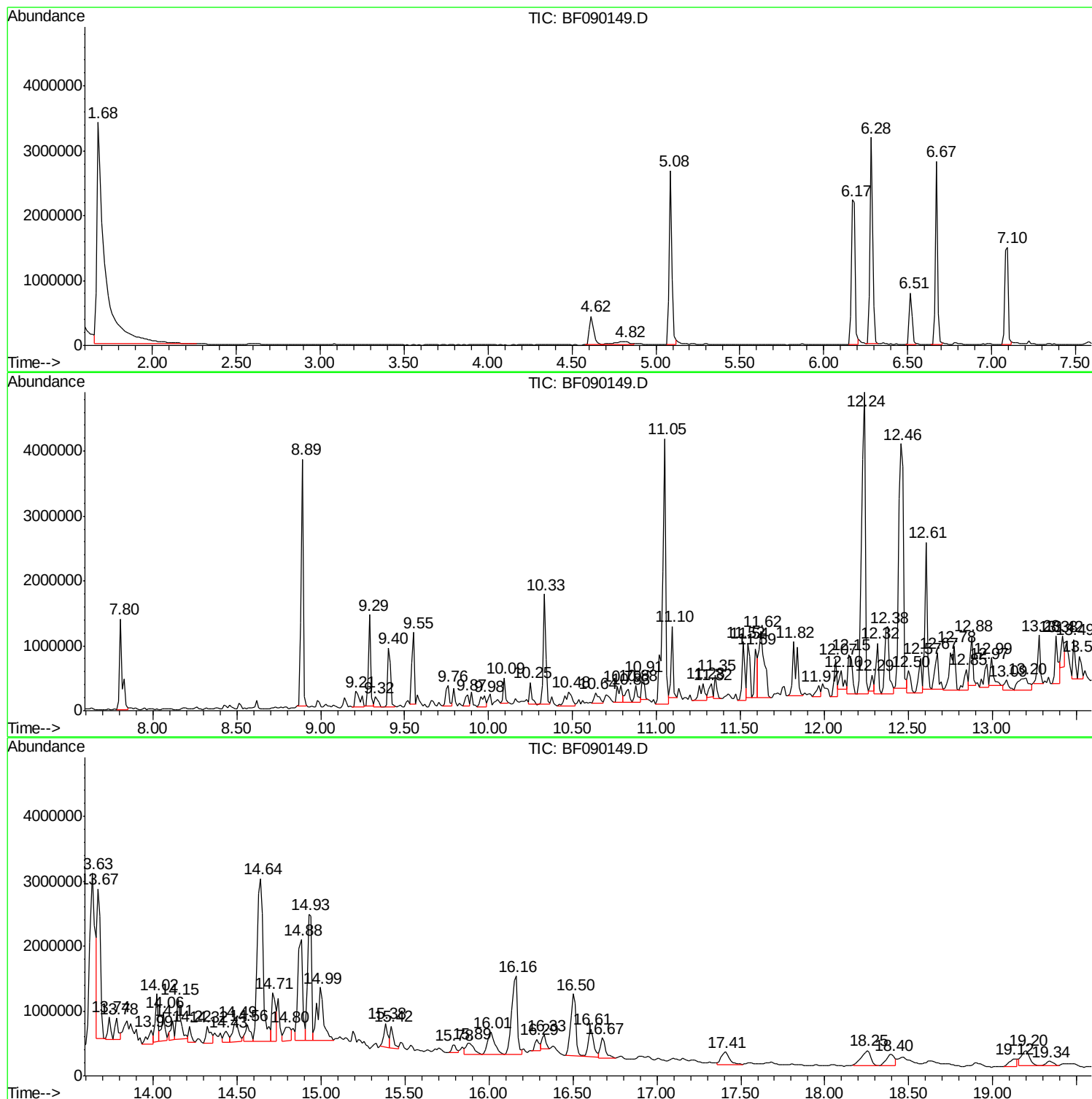
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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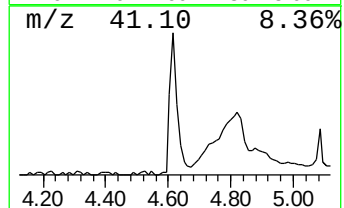
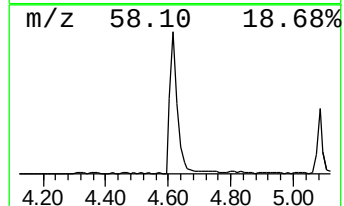
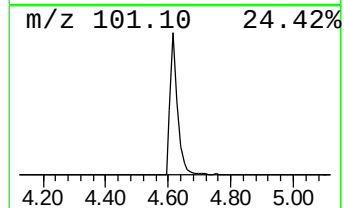
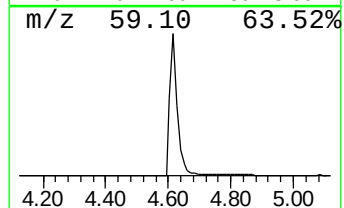
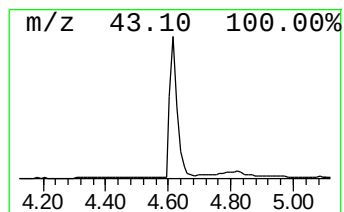
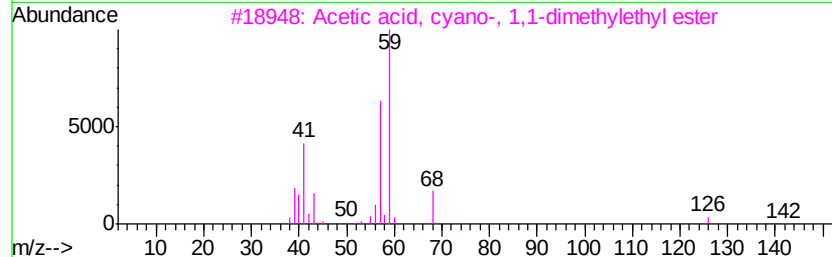
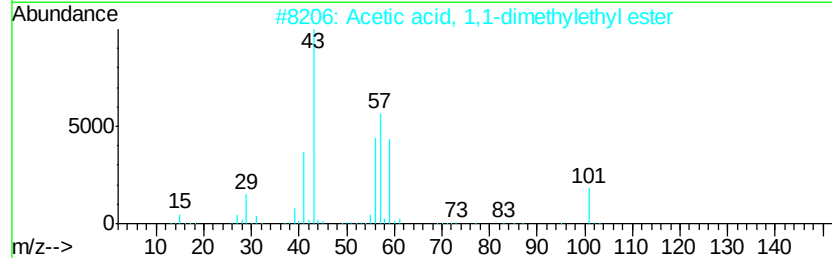
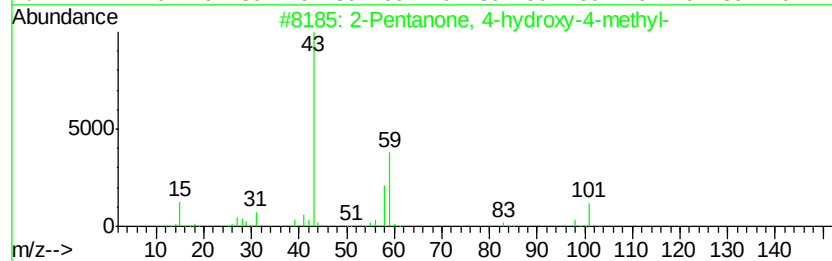
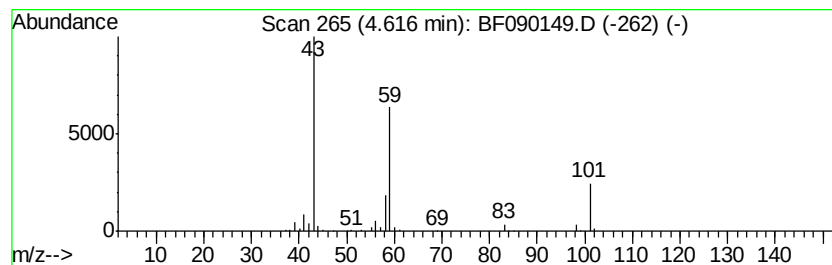
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	16.14 ng	720764	1,4-Dichlorobenzene-d4	6.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Acetone	58	C3H6O	000067-64-1	9



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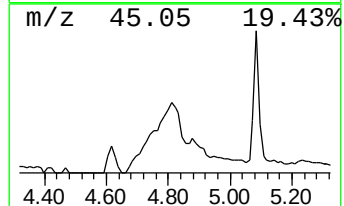
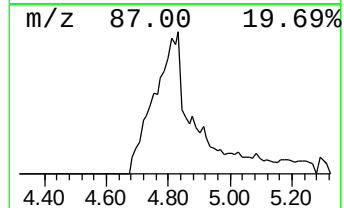
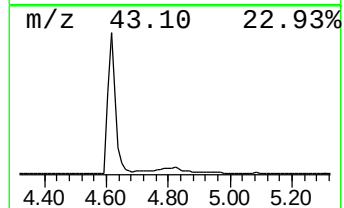
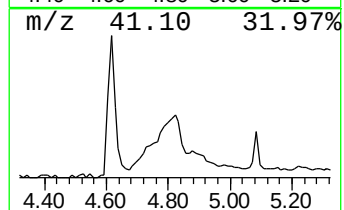
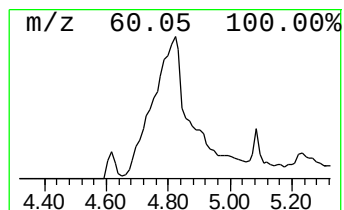
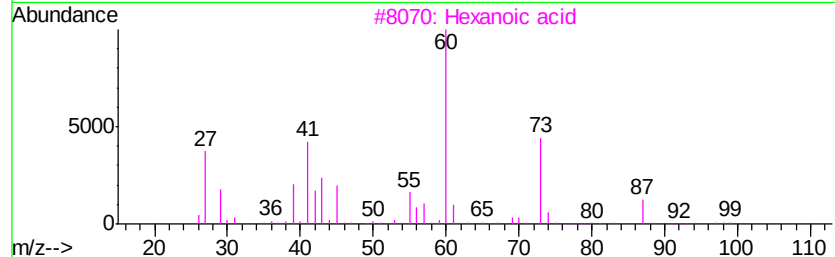
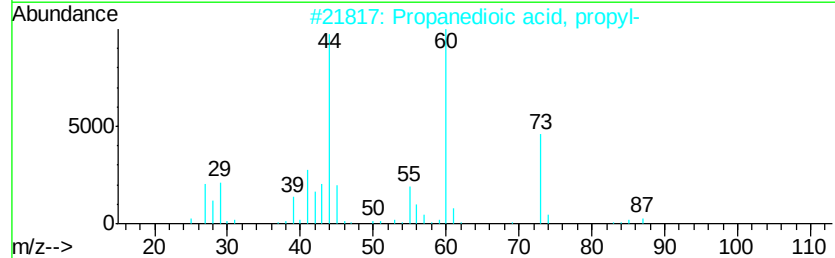
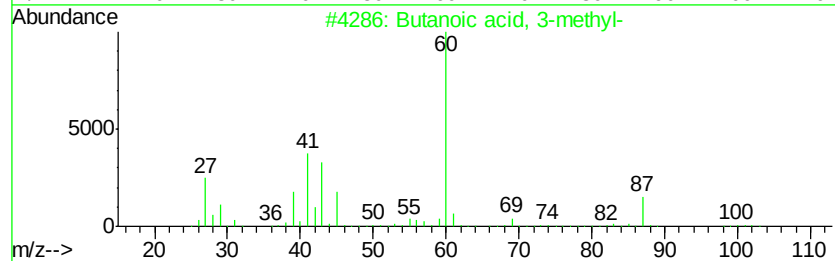
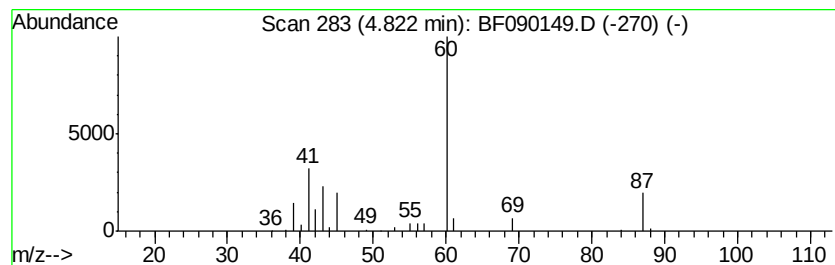
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	6.10 ng	272324	1,4-Dichlorobenzene-d4	6.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	78
2		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	38
3		Hexanoic acid	116	C6H12O2	000142-62-1	38
4		1-Pentanamine	87	C5H13N	000110-58-7	12
5		Butanoic acid	88	C4H8O2	000107-92-6	9



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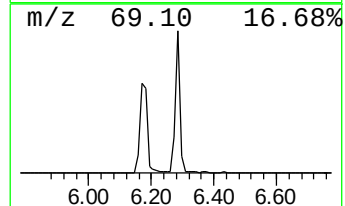
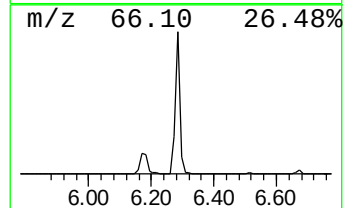
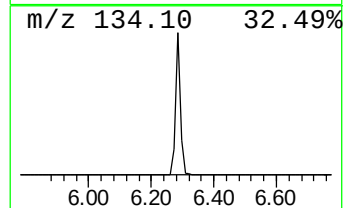
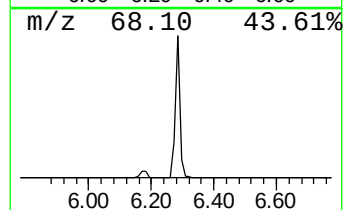
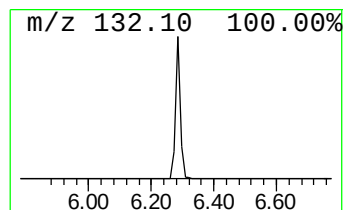
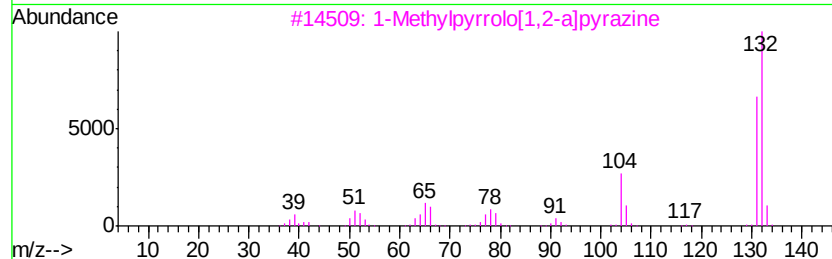
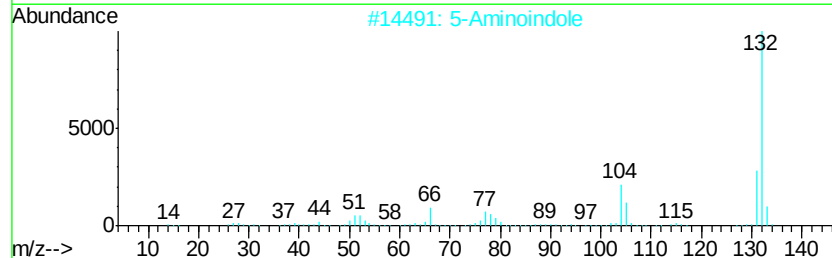
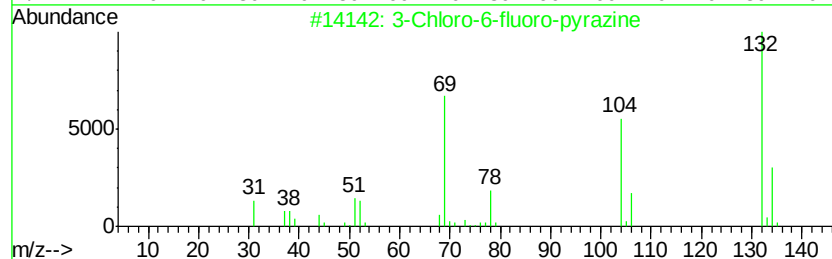
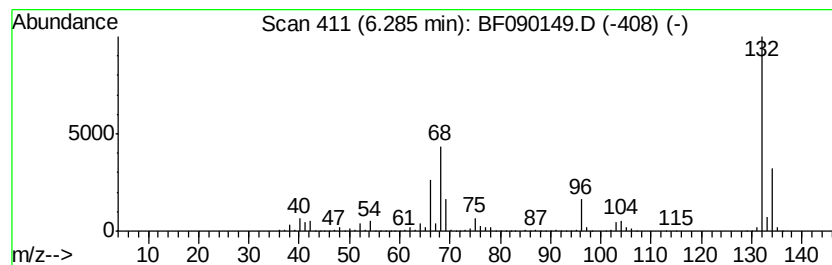
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Peak Number 4 unknown6.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	69.25 ng	3092440	1,4-Dichlorobenzene-d4	6.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	1-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-59-9	9
4	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-60-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090149.D
Acq On : 20 Sep 2016 22:24
Operator : UM/SJ
Sample : H4850-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FHSW-01-EASTSIDEWALL

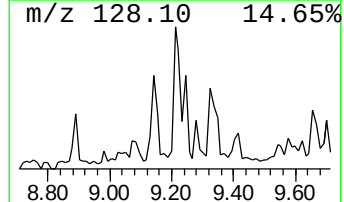
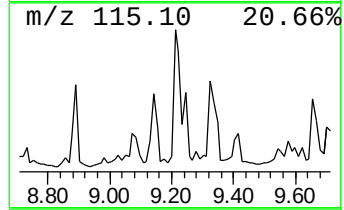
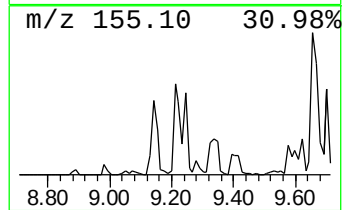
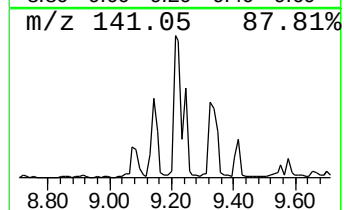
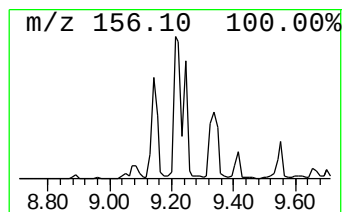
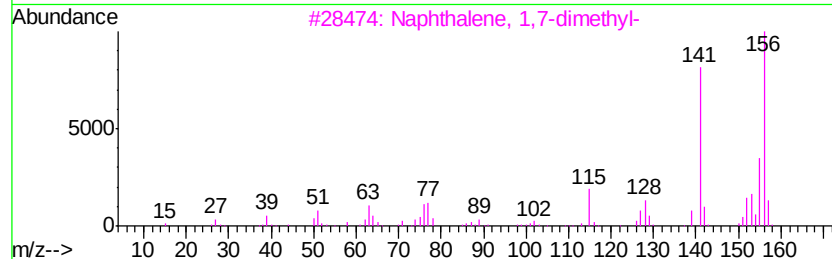
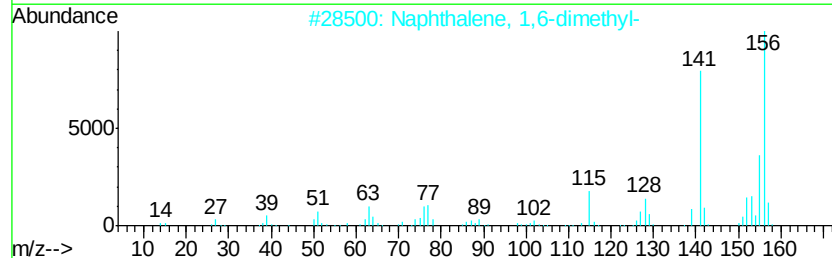
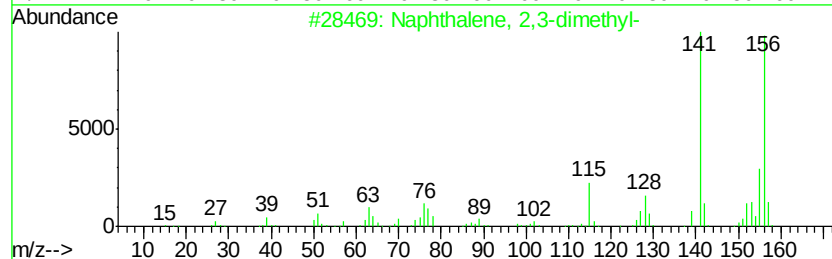
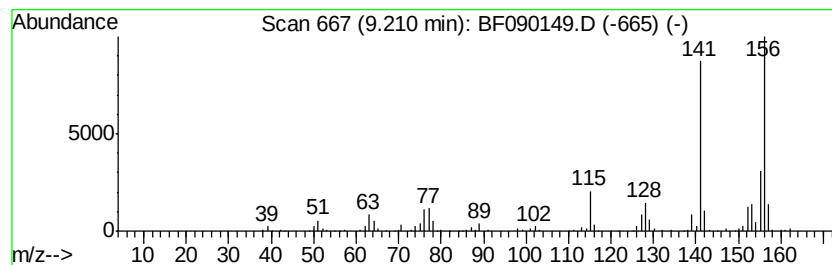
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	8.14 ng	489152	Acenaphthene-d10	9.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090149.D
Acq On : 20 Sep 2016 22:24
Operator : UM/SJ
Sample : H4850-02
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FHSW-01-EASTSIDEWALL

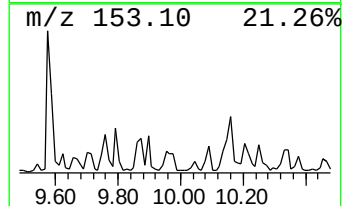
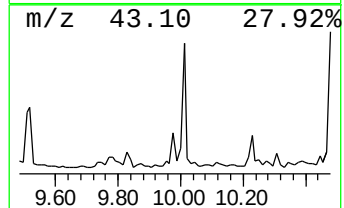
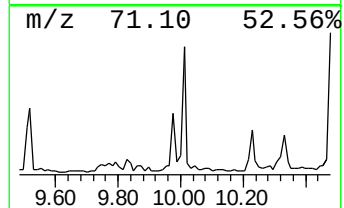
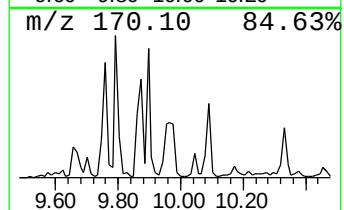
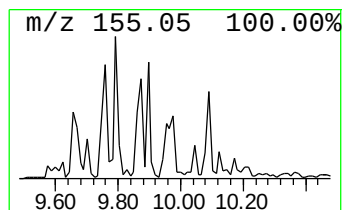
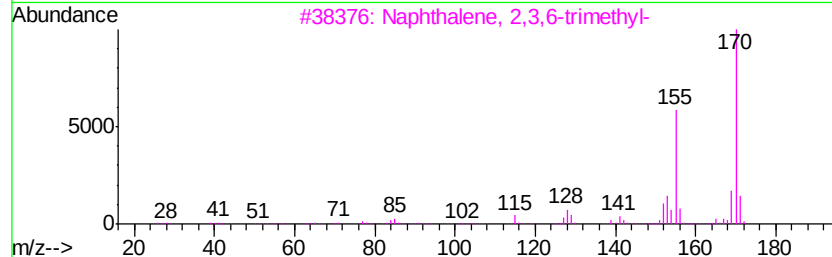
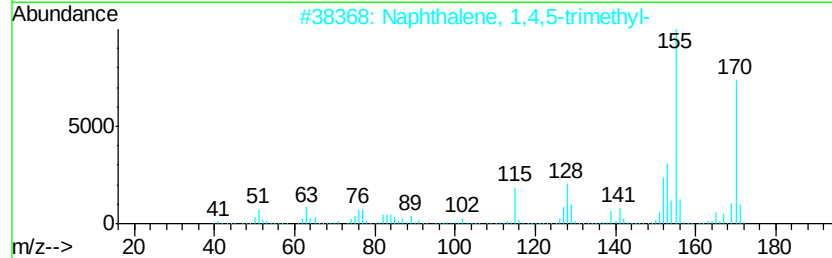
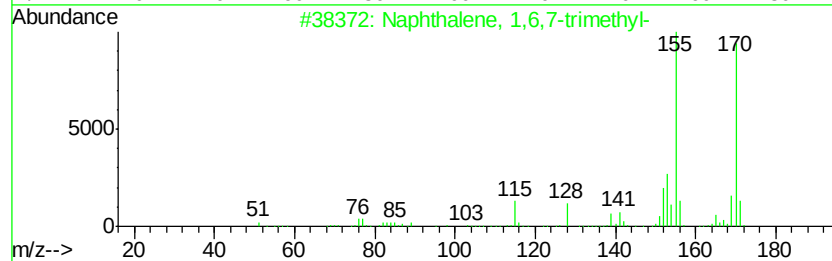
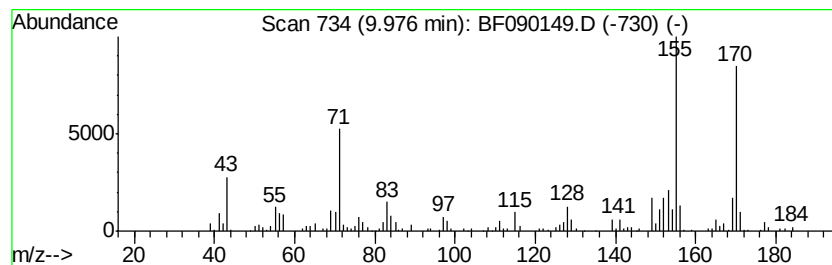
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	6.15 ng	369441	Acenaphthene-d10	9.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090149.D
Acq On : 20 Sep 2016 22:24
Operator : UM/SJ
Sample : H4850-02
Misc :
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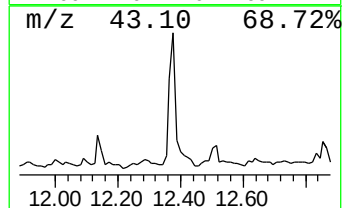
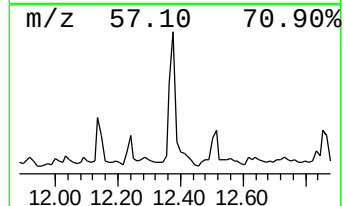
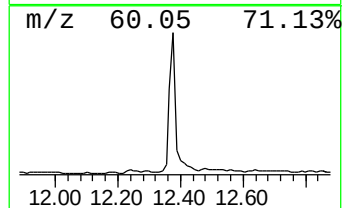
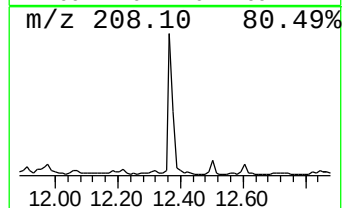
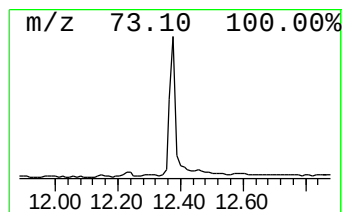
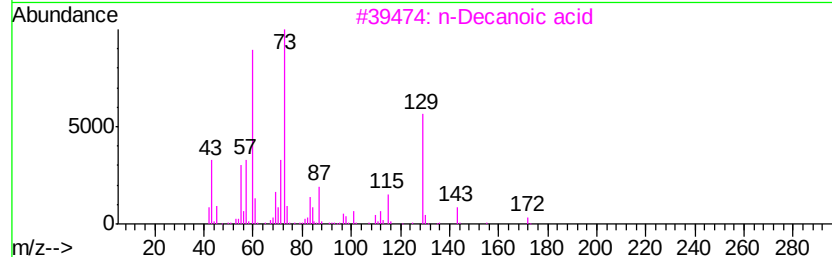
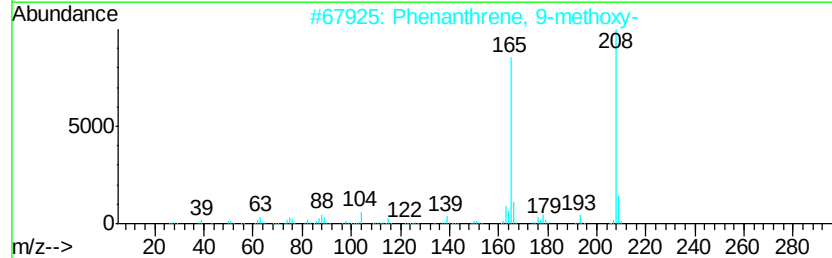
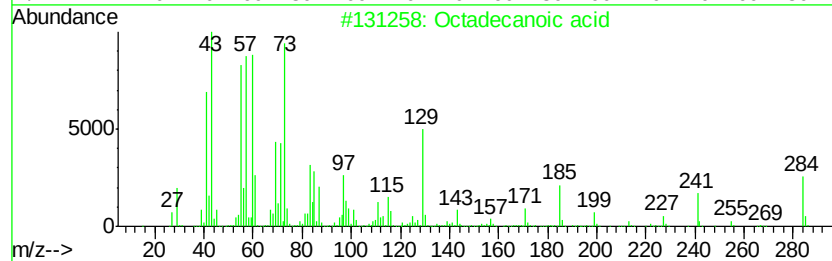
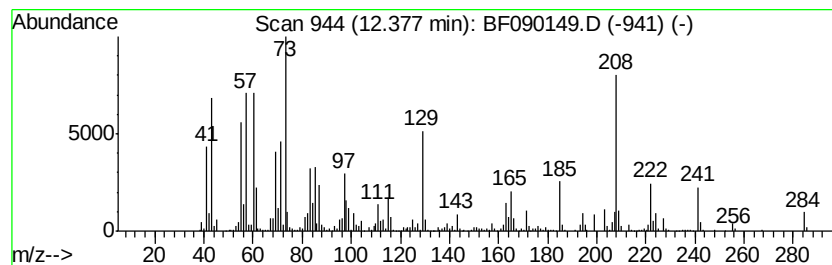
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.38	6.53 ng	1826720	Chrysene-d12		13.65
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Phenanthrene, 9-methoxy-	208	C15H12O	005085-74-5	35
3	n-Decanoic acid	172	C10H20O2	000334-48-5	35
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	35
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090149.D
Acq On : 20 Sep 2016 22:24
Operator : UM/SJ
Sample : H4850-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FHSW-01-EASTSIDEWALL

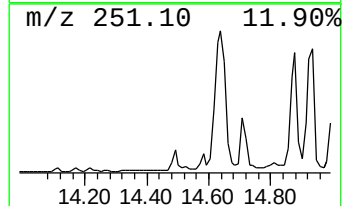
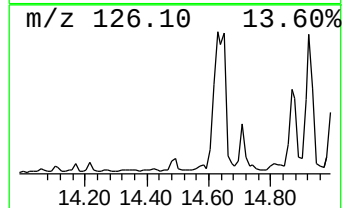
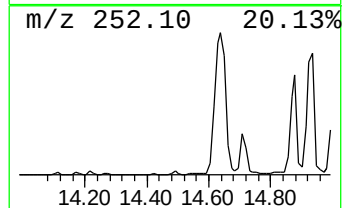
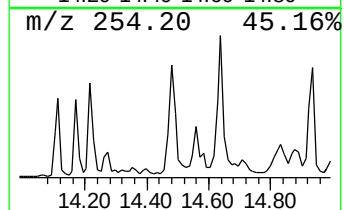
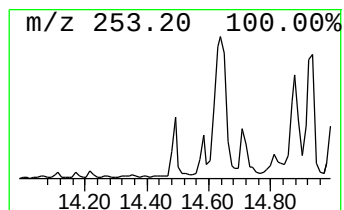
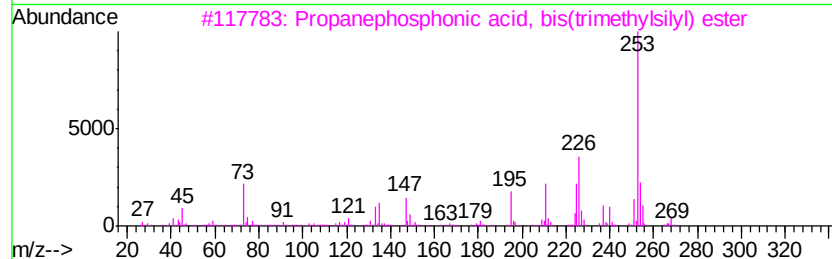
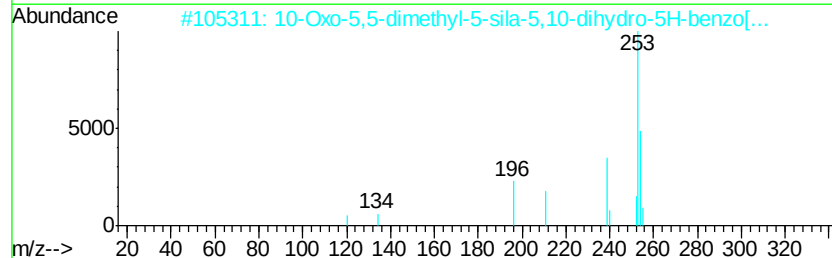
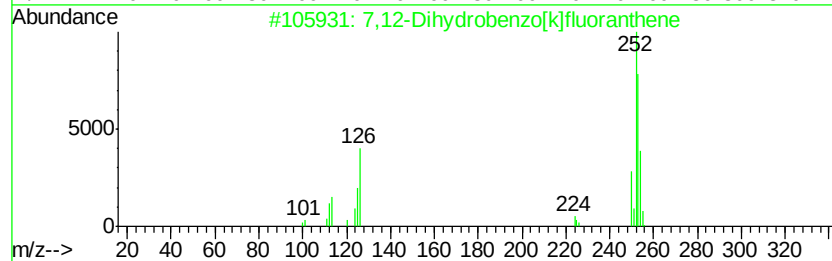
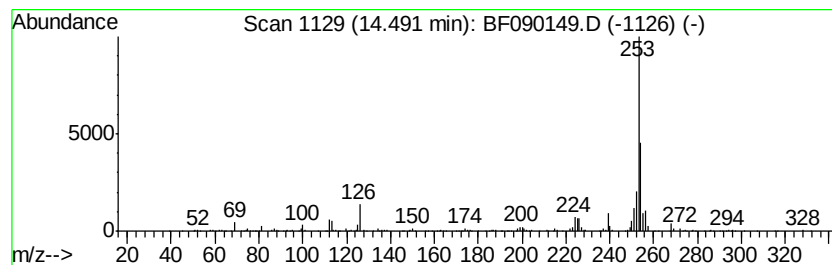
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	6.85 ng	742200	Perylene-d12	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
2			10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	59
3			Propanephosphonic acid, bis(trim...	268	C9H25O3PSi2	1000193-07-4	50
4			Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	50
5			Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090149.D
Acq On : 20 Sep 2016 22:24
Operator : UM/SJ
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Instrument :
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ClientSampleId :
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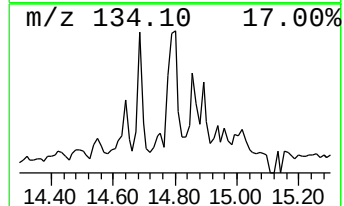
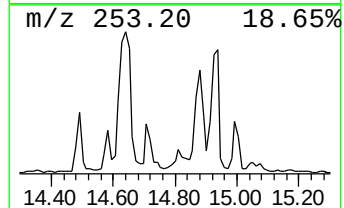
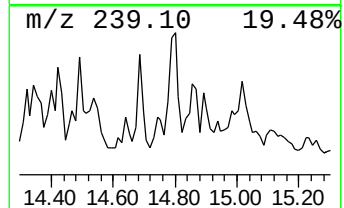
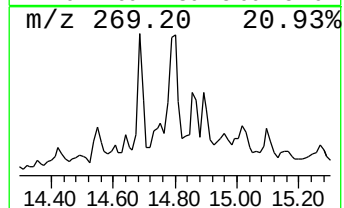
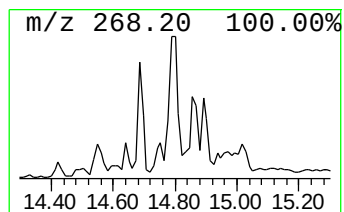
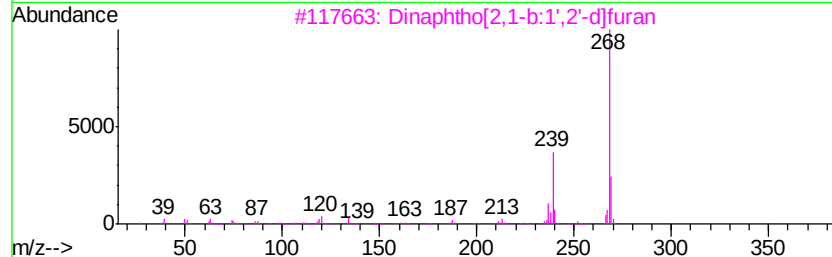
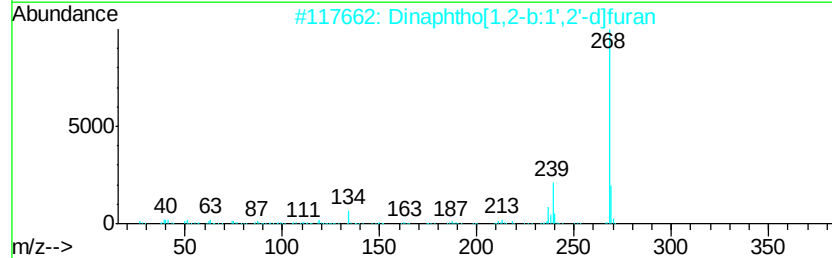
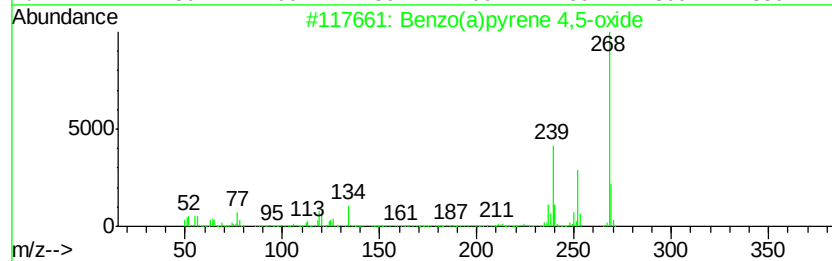
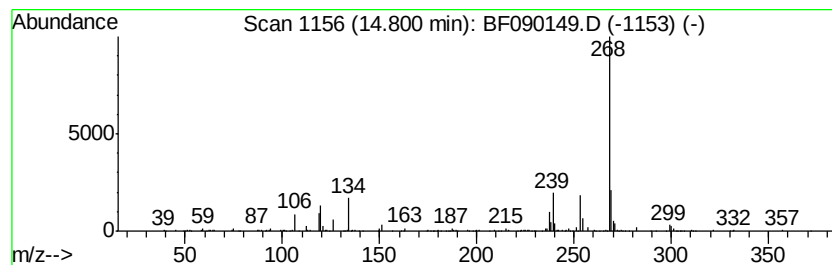
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo(a)pyrene 4,5-oxide Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.87 ng	636896	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	83
2		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
3		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	72
4		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	59
5		trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090149.D
Acq On : 20 Sep 2016 22:24
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ClientSampleId :
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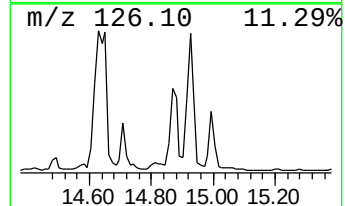
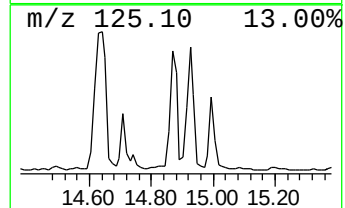
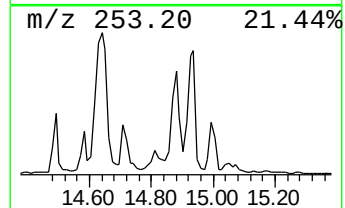
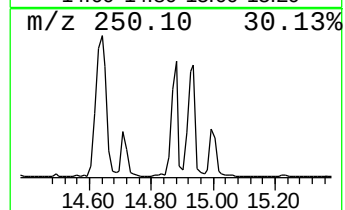
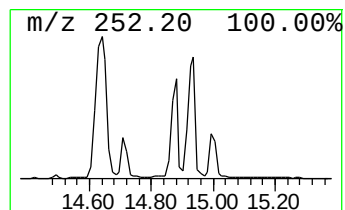
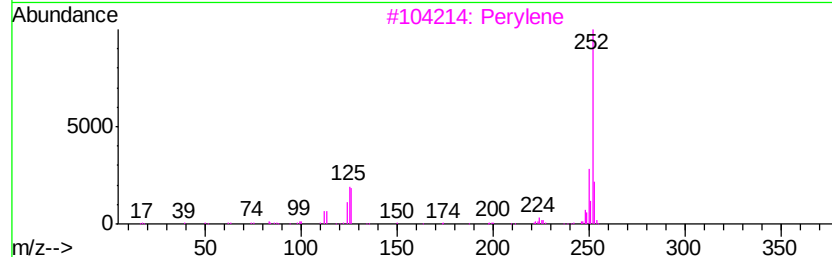
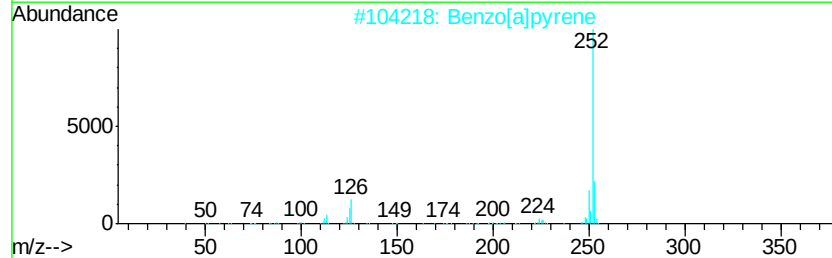
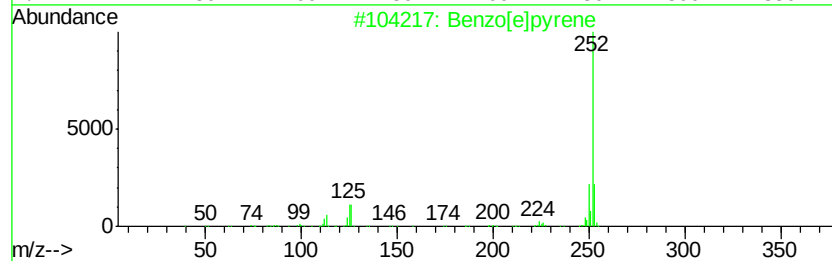
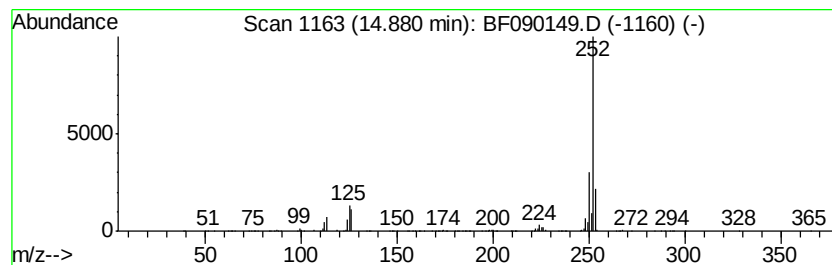
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	25.03 ng	2714320	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	94
3		Perylene	252	C20H12	000198-55-0	93
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
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Acq On : 20 Sep 2016 22:24
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FHSW-01-EASTSIDEWALL

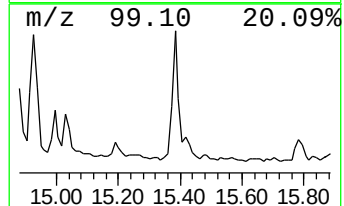
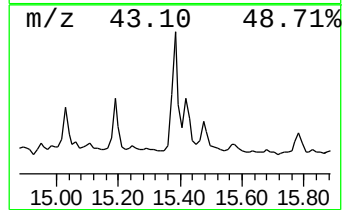
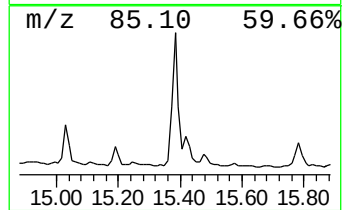
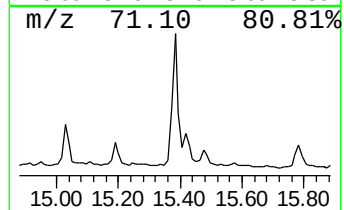
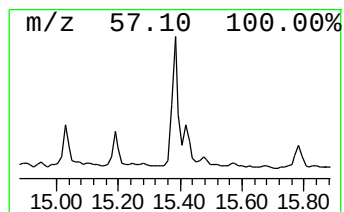
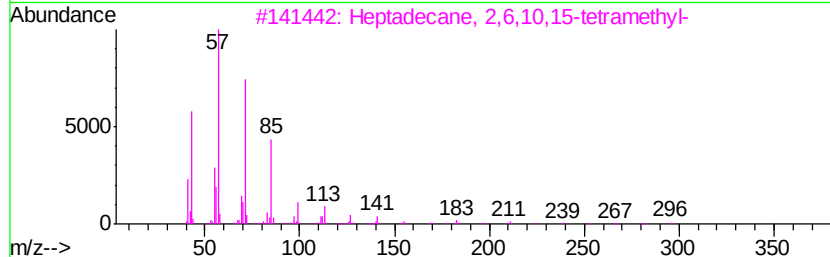
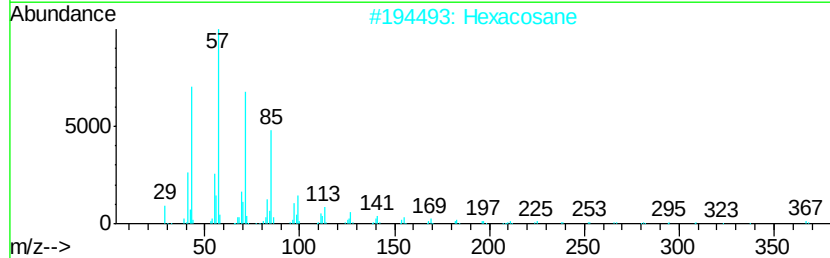
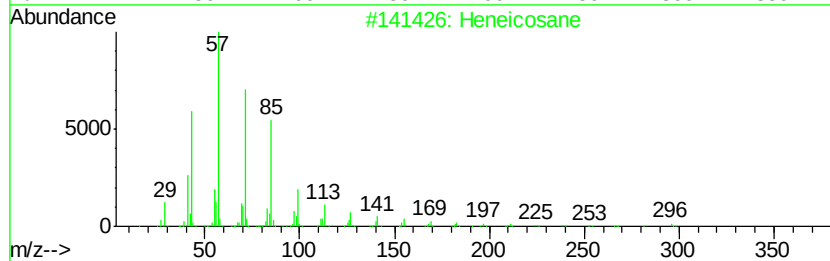
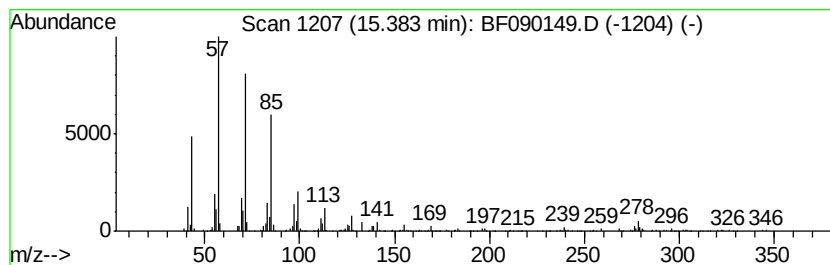
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	5.85 ng	634367	Perylene-d12	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Hexacosane	366	C26H54	000630-01-3	87
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090149.D
Acq On : 20 Sep 2016 22:24
Operator : UM/SJ
Sample : H4850-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FHSW-01-EASTSIDEWALL

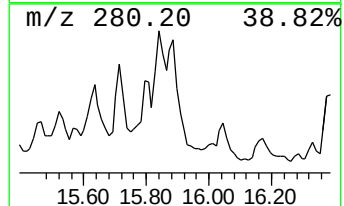
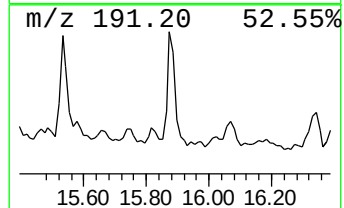
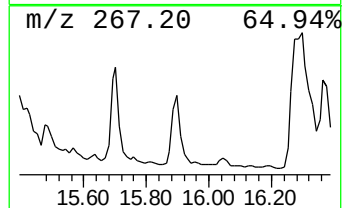
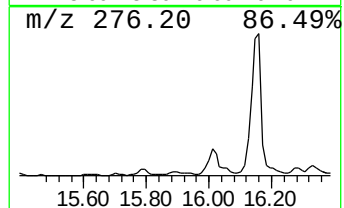
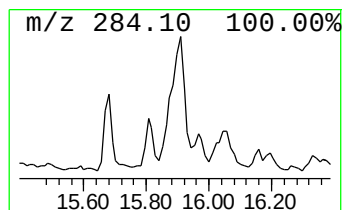
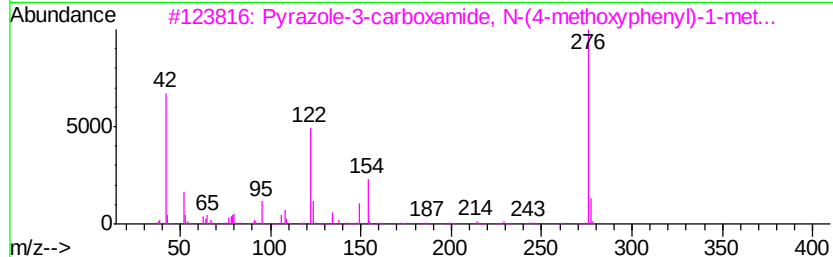
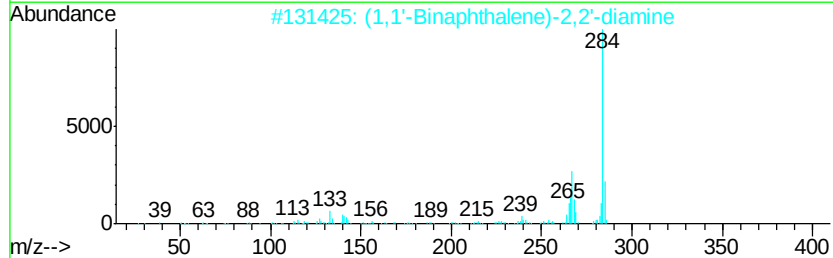
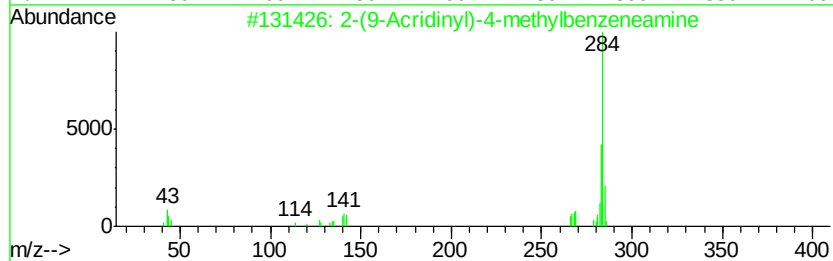
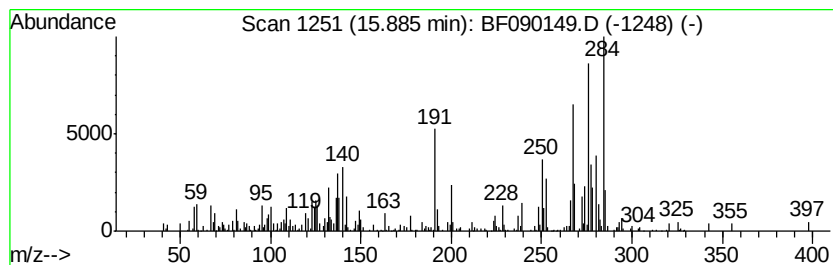
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown15.89 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	5.38 ng	583144	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(9-Acridinyl)-4-methylbenzenea...	284	C20H16N2	035586-77-7	30
2		(1,1'-Binaphthalene)-2,2'-diamine	284	C20H16N2	004488-22-6	18
3		Pyrazole-3-carboxamide, N-(4-met...	276	C12H12N4O4	292826-89-2	15
4		Dinaphtho[1,2-b:1',2'-d]thiophene	284	C20H12S	000207-94-3	14
5		1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
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Acq On : 20 Sep 2016 22:24
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Sample : H4850-02
Misc :
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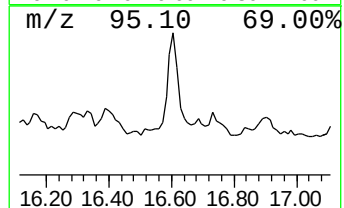
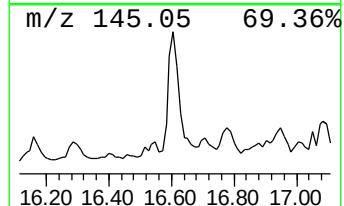
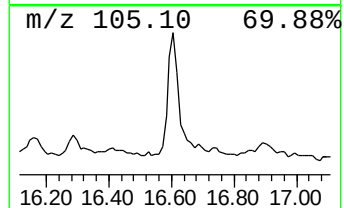
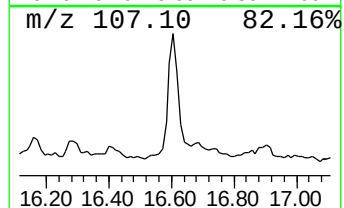
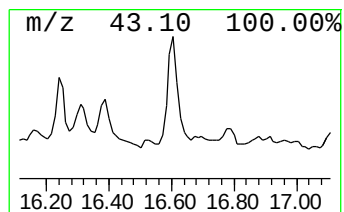
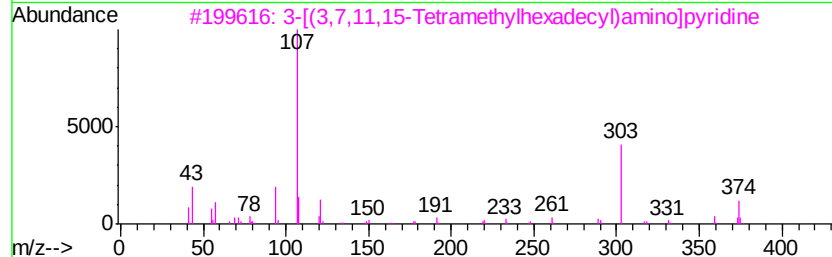
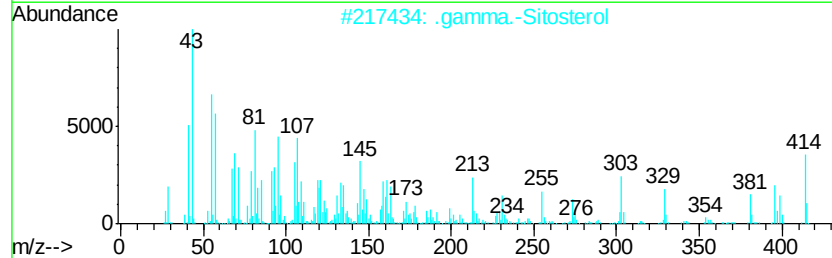
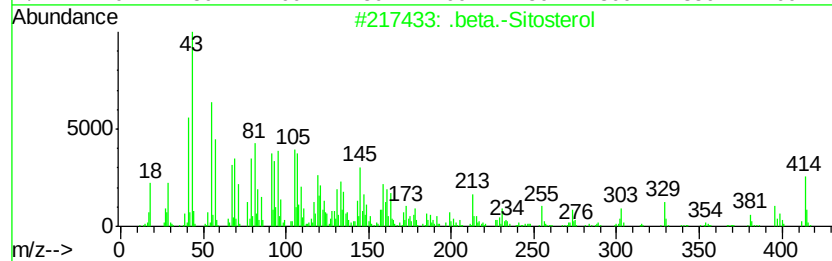
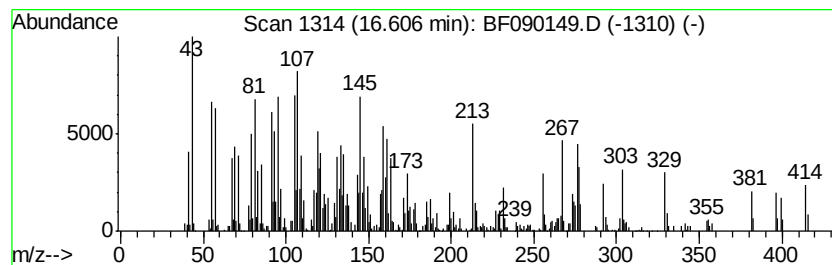
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 .beta.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.61	9.06 ng	982317	Perylene-d12	14.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	95
3	3-[(3,7,11,15-Tetramethylhexadec...	374	C25H46N2	067374-05-4	22
4	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	15
5	5-Benzylcarbamoyl-1H-imidazole-4...	273	C14H15N3O3	312758-83-1	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090149.D
Acq On : 20 Sep 2016 22:24
Operator : UM/SJ
Sample : H4850-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FHSW-01-EASTSIDEWALL

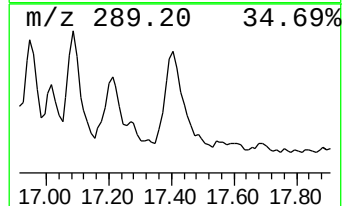
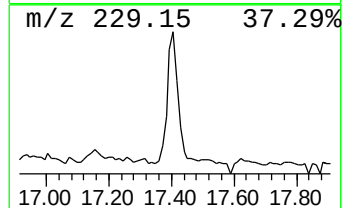
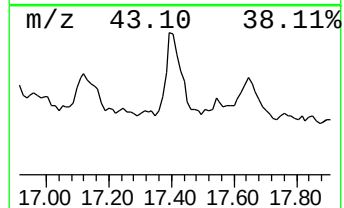
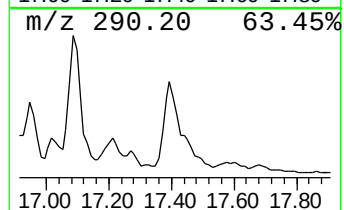
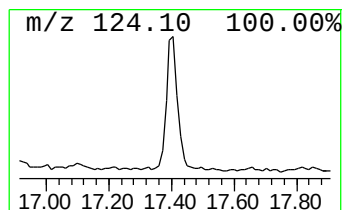
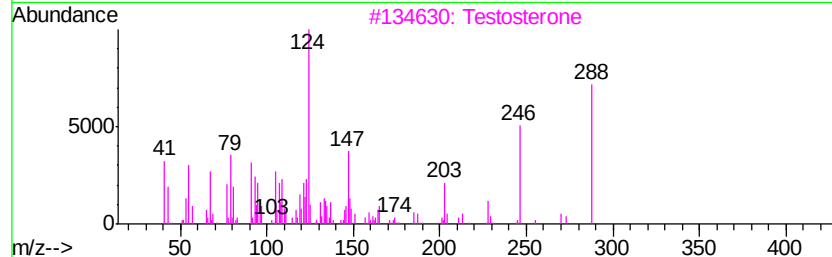
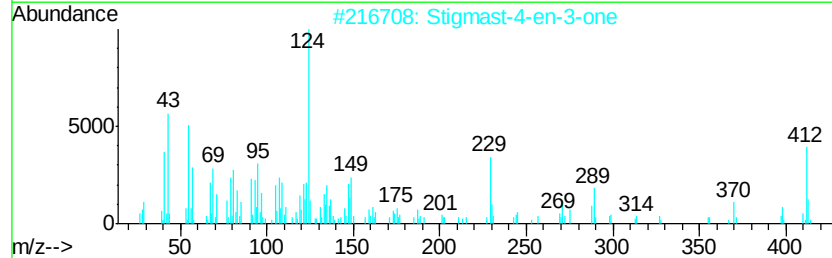
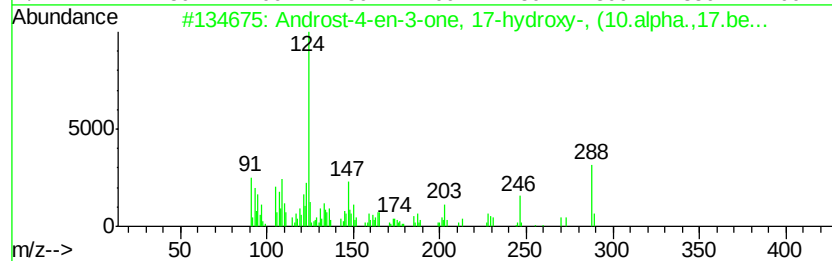
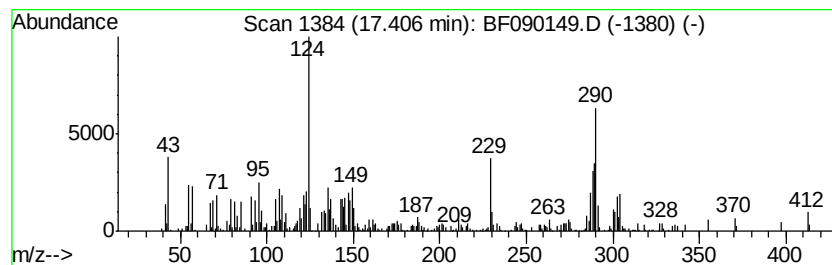
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Androst-4-en-3-one, 17-hydr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	5.47 ng	593277	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	66
2		Stigmast-4-en-3-one	412	C29H48O	001058-61-3	62
3		Testosterone	288	C19H28O2	000058-22-0	51
4		Cyclohexanecarboxylic acid, 4-bu...	290	C18H26O3	067589-46-2	43
5		Tropine, pentafluoropropionate	287	C11H14F5NO2	1000375-73-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090149.D
Acq On : 20 Sep 2016 22:24
Operator : UM/SJ
Sample : H4850-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FHSW-01-EASTSIDEWALL

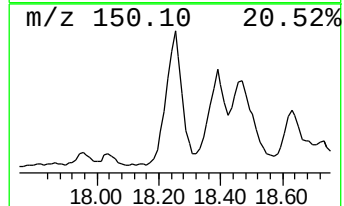
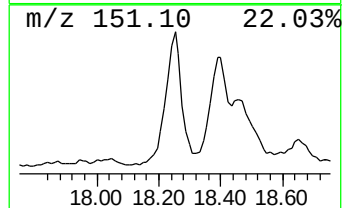
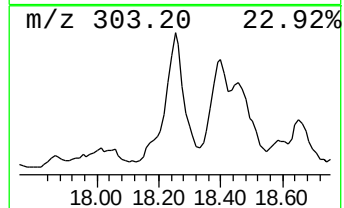
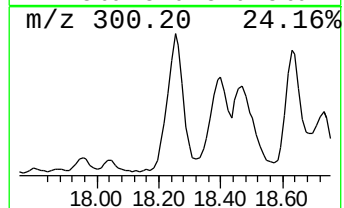
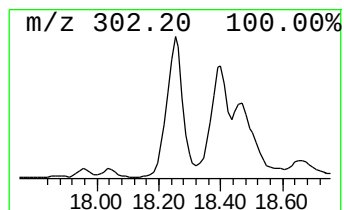
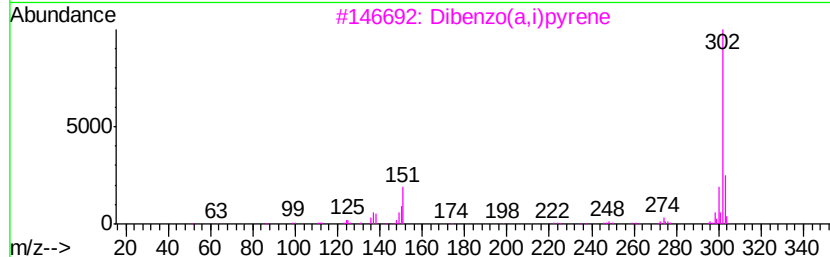
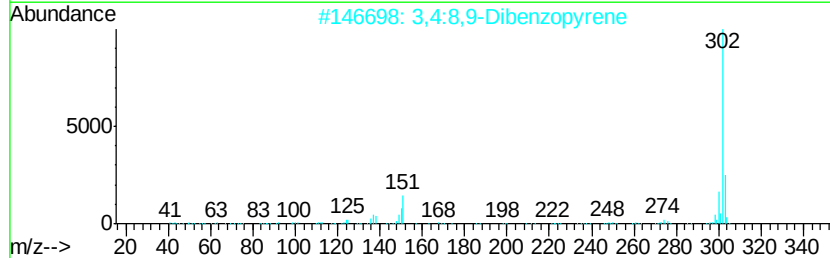
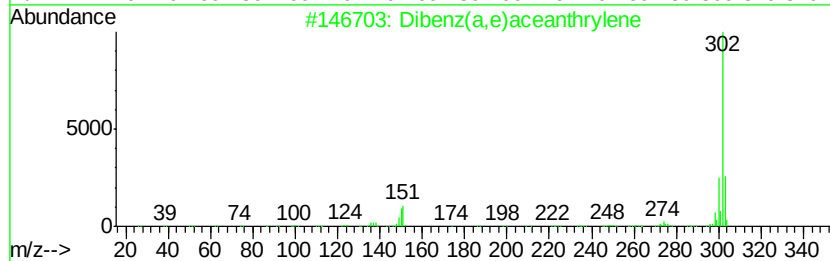
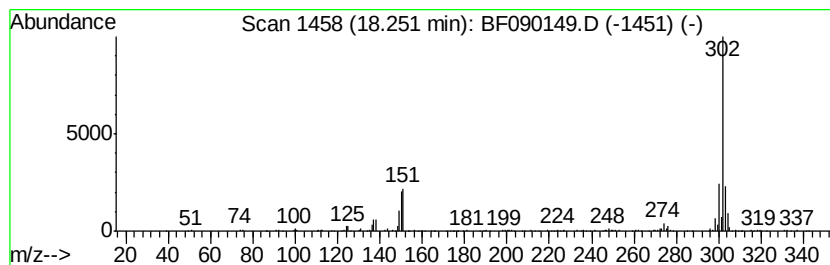
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenz(a,e)aceanthrylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	8.46 ng	917839	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	97
3		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	96
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
5		1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090149.D
Acq On : 20 Sep 2016 22:24
Operator : UM/SJ
Sample : H4850-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FHSW-01-EASTSIDEWALL

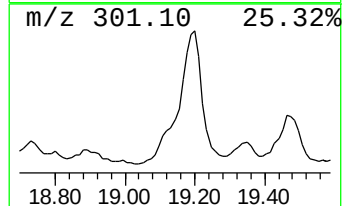
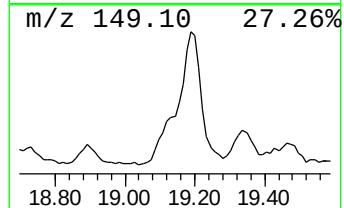
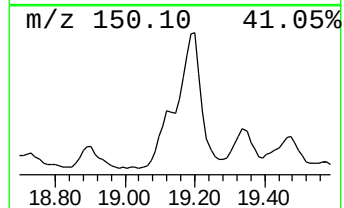
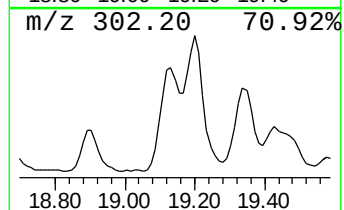
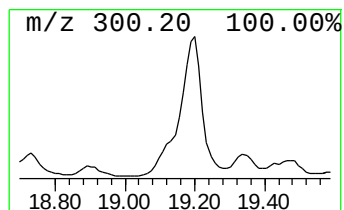
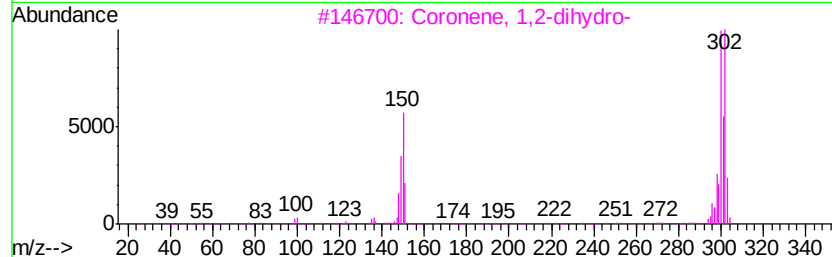
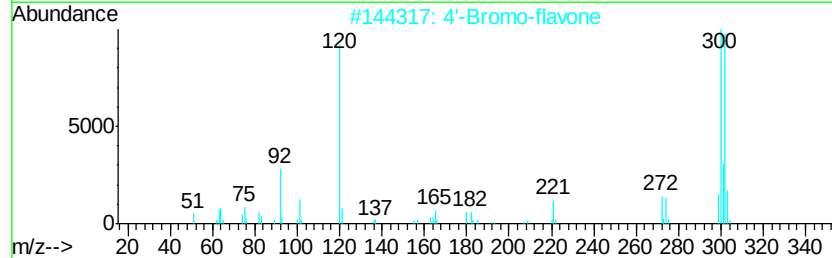
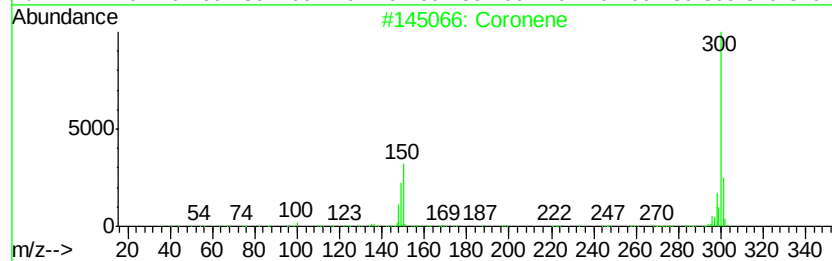
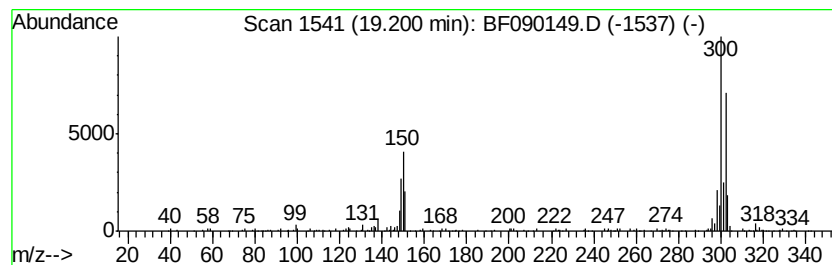
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	7.70 ng	834801	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	97
2		4'-Bromo-flavone	300	C15H9BrO2	020525-20-6	47
3		Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	38
4		Benzothiophene-3-carbonitrile, 4...	300	C16H13ClN2S	069438-07-9	37
5		Clobazam	300	C16H13ClN2O2	022316-47-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
 Data File : BF090149.D
 Acq On : 20 Sep 2016 22:24
 Operator : UM/SJ
 Sample : H4850-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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
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Butanoic acid, 3-...	4.82	6.1	ng	272324	1	6.51	893169	20.0
unknown6.28	6.28	69.3	ng	3092440	1	6.51	893169	20.0
Naphthalene, 2,3-...	9.21	8.1	ng	489152	3	9.55	1202250	20.0
Naphthalene, 1,6,...	9.98	6.2	ng	369441	3	9.55	1202250	20.0
Octadecanoic acid	12.38	6.5	ng	1826720	5	13.65	5590820	20.0
7,12-Dihydrobenzo...	14.49	6.8	ng	742200	6	14.97	2168560	20.0
Benzo(a)pyrene 4,...	14.80	5.9	ng	636896	6	14.97	2168560	20.0
Benzo[e]pyrene	14.88	25.0	ng	2714320	6	14.97	2168560	20.0
Heneicosane	15.38	5.8	ng	634367	6	14.97	2168560	20.0
unknown15.89	15.89	5.4	ng	583144	6	14.97	2168560	20.0
.beta.-Sitosterol	16.61	9.1	ng	982317	6	14.97	2168560	20.0
Androst-4-en-3-on...	17.41	5.5	ng	593277	6	14.97	2168560	20.0
Dibenz(a,e)aceant...	18.25	8.5	ng	917839	6	14.97	2168560	20.0
Coronene	19.20	7.7	ng	834801	6	14.97	2168560	20.0