

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086947.D
 Acq On : 12 May 2016 23:19
 Operator : UM/SJ
 Sample : H2994-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPARTAPARK-1542-00(0-2)

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

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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	1.633	3	4	12	rVB	496949	772158	9.40%	1.144%
2	1.747	12	14	61	rVB	3390431	8210814	100.00%	12.168%
3	4.753	275	277	286	rBV	306877	522813	6.37%	0.775%
4	5.210	315	317	320	rBV	2575306	3494572	42.56%	5.179%
5	6.285	409	411	414	rBV	2638716	3848908	46.88%	5.704%
6	6.399	418	421	423	rBV	3534019	3946066	48.06%	5.848%
7	6.616	438	440	443	rBV	899491	1009922	12.30%	1.497%
8	6.776	452	454	457	rBV	3248905	2934249	35.74%	4.348%
9	7.199	488	491	493	rBV	2605110	2903105	35.36%	4.302%
10	7.908	551	553	558	rBV	1498504	1410180	17.17%	2.090%
11	8.993	645	648	650	rBV	3415774	3963230	48.27%	5.873%
12	9.073	653	655	658	rVB2	80236	88594	1.08%	0.131%
13	9.393	681	683	684	rVV	269895	340383	4.15%	0.504%
14	9.519	691	694	696	rBV	311870	292050	3.56%	0.433%
15	9.599	699	701	703	rBV	188914	180997	2.20%	0.268%
16	9.656	703	706	708	rVV	1408454	1294723	15.77%	1.919%
17	10.102	743	745	747	rVB	261937	217977	2.65%	0.323%
18	10.194	752	753	757	rVB2	47489	88212	1.07%	0.131%
19	10.319	760	764	765	rBV2	94700	147014	1.79%	0.218%
20	10.445	772	775	777	rBV	2125741	2040634	24.85%	3.024%
21	10.571	783	786	791	rBV	291436	373855	4.55%	0.554%
22	10.765	799	803	807	rVB4	33209	100978	1.23%	0.150%
23	10.902	810	815	817	rBV4	37704	99948	1.22%	0.148%
24	11.016	824	825	827	rBV2	106020	102010	1.24%	0.151%
25	11.131	833	835	839	rBV2	1083899	1486459	18.10%	2.203%
26	11.211	839	842	844	rVV	202893	258303	3.15%	0.383%
27	11.371	853	856	860	rBV	120346	223957	2.73%	0.332%
28	11.634	876	879	880	rBV	125175	128724	1.57%	0.191%
29	11.679	880	883	887	rVV2	236228	519314	6.32%	0.770%
30	11.737	887	888	894	rVB	197843	348868	4.25%	0.517%
31	11.851	896	898	901	rVV2	53474	96980	1.18%	0.144%
32	11.931	901	905	906	rVV2	92465	119932	1.46%	0.178%
33	11.954	906	907	910	rVB	151877	135918	1.66%	0.201%
34	12.182	924	927	928	rBV	140408	164428	2.00%	0.244%

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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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.217	928	930	931	rVV2	67576	103287	1.26%	0.153%
36	12.262	933	934	938	rBV	128040	150502	1.83%	0.223%
37	12.342	938	941	943	rBV	1800973	1731320	21.09%	2.566%
38	12.434	947	949	950	rVV	131094	109070	1.33%	0.162%
39	12.479	950	953	958	rVV5	90172	207237	2.52%	0.307%
40	12.559	958	960	963	rVV	1068620	1634070	19.90%	2.422%
41	12.628	963	966	968	rVB3	83036	166288	2.03%	0.246%
42	12.685	969	971	972	rBV	114740	132268	1.61%	0.196%
43	12.719	972	974	976	rVV	2449279	2437017	29.68%	3.612%
44	12.788	976	980	982	rVB2	154605	177705	2.16%	0.263%
45	12.891	985	989	991	rVB2	230443	442336	5.39%	0.656%
46	12.960	991	995	996	rBV	197503	235936	2.87%	0.350%
47	12.994	996	998	1002	rVB	254411	311879	3.80%	0.462%
48	13.085	1004	1006	1007	rVV	118238	105257	1.28%	0.156%
49	13.120	1007	1009	1013	rVB2	97730	120164	1.46%	0.178%
50	13.302	1020	1025	1028	rBV5	85355	267894	3.26%	0.397%
51	13.405	1032	1034	1037	rVB	224904	272768	3.32%	0.404%
52	13.508	1040	1043	1044	rBV	268736	290459	3.54%	0.430%
53	13.622	1051	1053	1057	rVB3	266956	549802	6.70%	0.815%
54	13.760	1062	1065	1072	rVB2	1233946	2903501	35.36%	4.303%
55	13.908	1075	1078	1080	rBV3	125875	234827	2.86%	0.348%
56	14.148	1094	1099	1100	rBV	257588	441727	5.38%	0.655%
57	14.182	1100	1102	1104	rVV3	170534	264193	3.22%	0.392%
58	14.240	1104	1107	1108	rVV3	129659	235633	2.87%	0.349%
59	14.274	1108	1110	1115	rVV3	152812	356404	4.34%	0.528%
60	14.342	1115	1116	1119	rVB2	86564	92460	1.13%	0.137%
61	14.457	1123	1126	1128	rBV2	88985	185402	2.26%	0.275%
62	14.525	1130	1132	1134	rBV2	62288	118801	1.45%	0.176%
63	14.605	1137	1139	1143	rVB2	115351	222739	2.71%	0.330%
64	14.674	1143	1145	1147	rBV3	73164	111508	1.36%	0.165%
65	14.754	1150	1152	1157	rBV	1101867	2245961	27.35%	3.328%
66	14.845	1157	1160	1162	rBV3	273463	387369	4.72%	0.574%
67	15.017	1172	1175	1177	rVB	637477	711483	8.67%	1.054%
68	15.074	1177	1180	1182	rVB	673355	861042	10.49%	1.276%
69	15.120	1182	1184	1191	rBV2	643301	1135209	13.83%	1.682%
70	15.325	1200	1202	1204	rVB2	108314	143874	1.75%	0.213%
71	15.520	1217	1219	1222	rBV	85885	134808	1.64%	0.200%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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72	15.577	1222	1224	1225	rBV2	54564	96656	1.18%	0.143%
73	16.057	1264	1266	1274	rVB5	64497	228119	2.78%	0.338%
74	16.194	1275	1278	1281	rBV2	100523	239291	2.91%	0.355%
75	16.377	1290	1294	1302	rVB	342974	841222	10.25%	1.247%
76	16.526	1304	1307	1308	rBV	75569	173124	2.11%	0.257%
77	16.743	1323	1326	1331	rBV	232862	425773	5.19%	0.631%
78	16.891	1337	1339	1342	rVB2	117495	214502	2.61%	0.318%
79	17.006	1346	1349	1353	rVB2	212427	438002	5.33%	0.649%
80	17.314	1371	1376	1382	rVB	474827	1179501	14.37%	1.748%
81	17.703	1405	1410	1423	rVB9	73299	420614	5.12%	0.623%
82	18.069	1433	1442	1453	rVB2	217297	799774	9.74%	1.185%
83	18.640	1488	1492	1499	rVB	73750	226623	2.76%	0.336%
84	18.800	1502	1506	1509	rBV	35603	95996	1.17%	0.142%

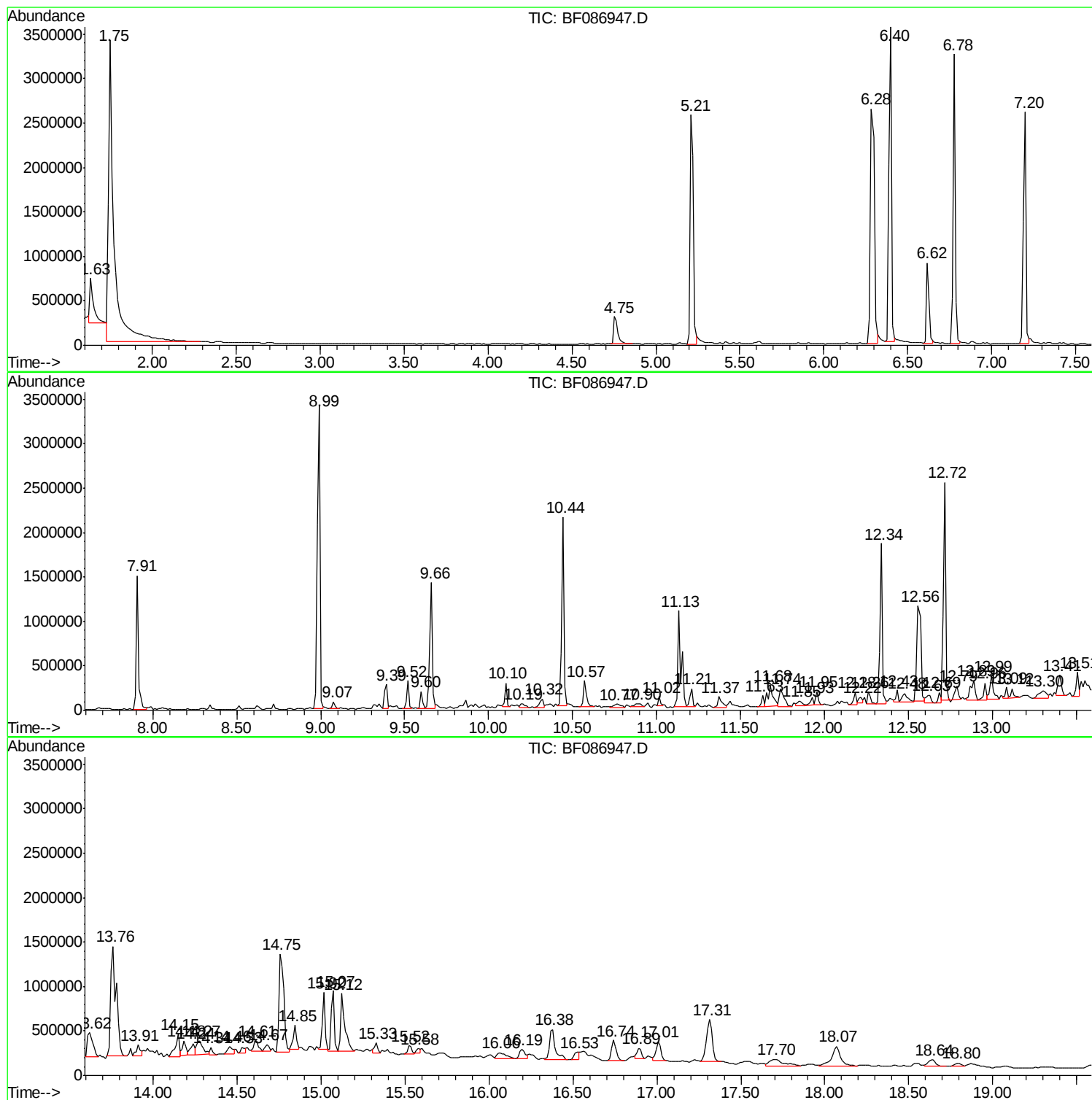
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Instrument :
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SPARTAPARK-1542-00(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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SPARTAPARK-1542-00(0-2)

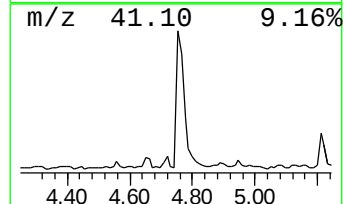
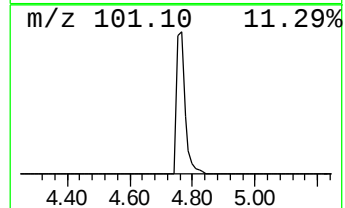
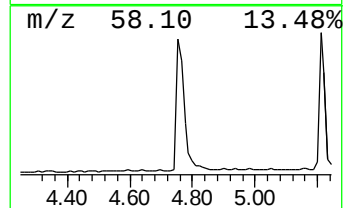
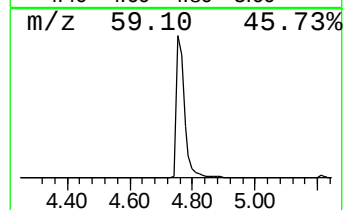
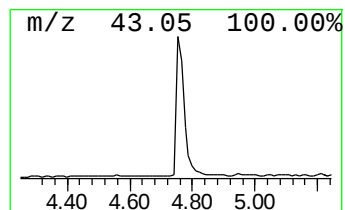
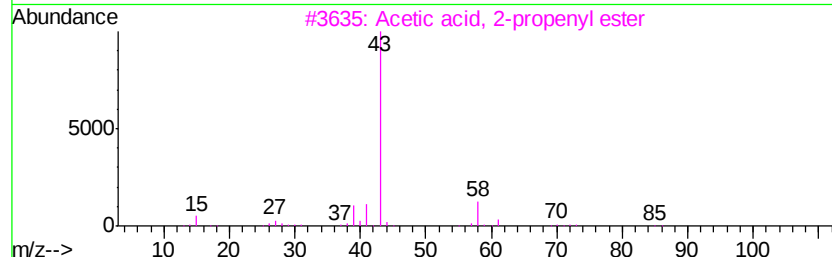
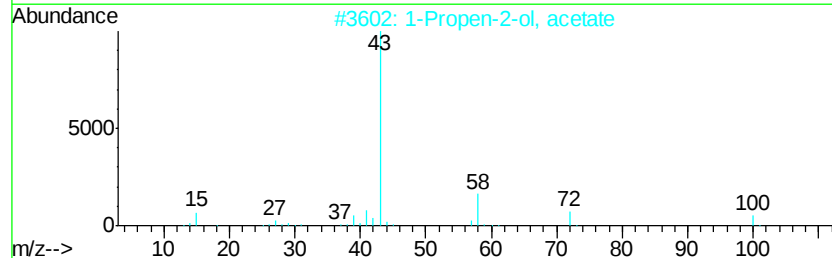
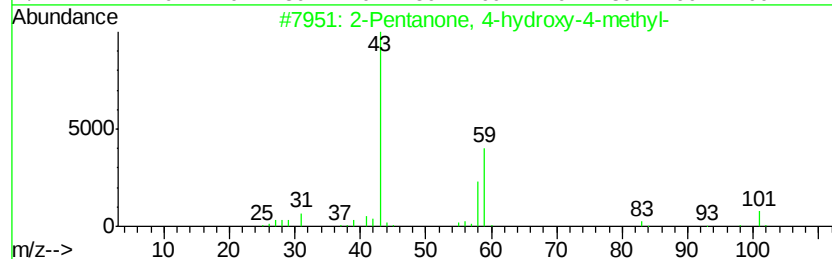
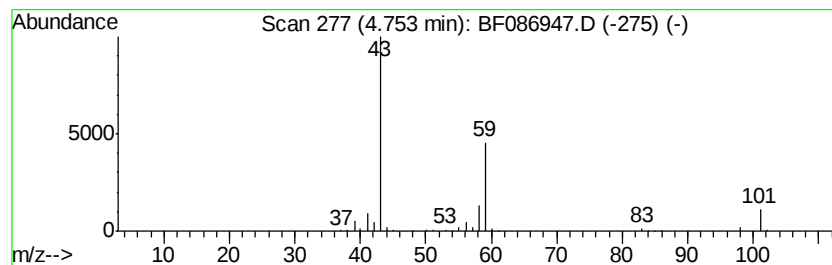
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	10.35 ng	522813	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3		Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9
4		5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9
5		2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



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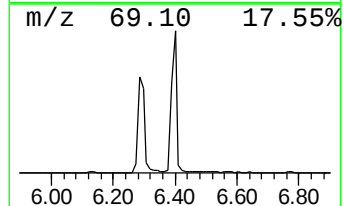
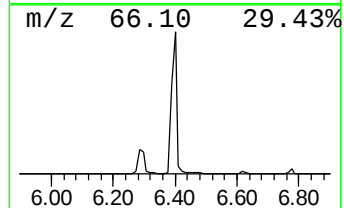
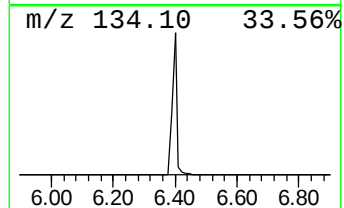
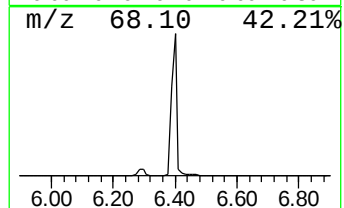
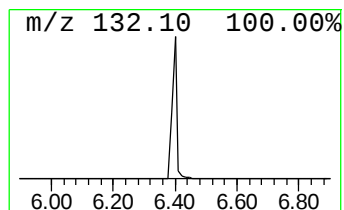
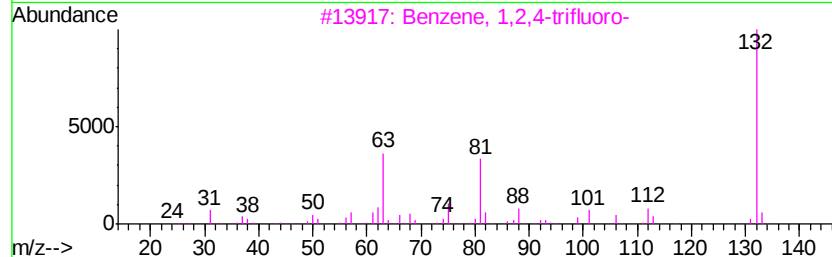
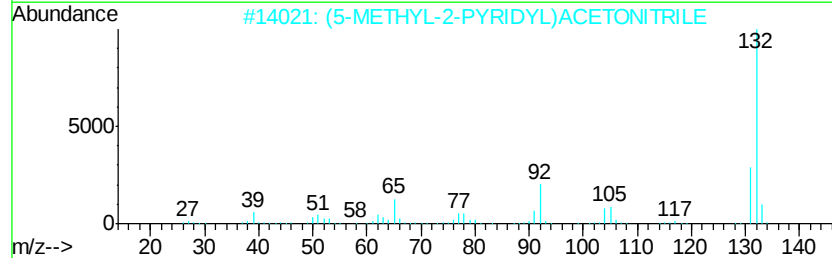
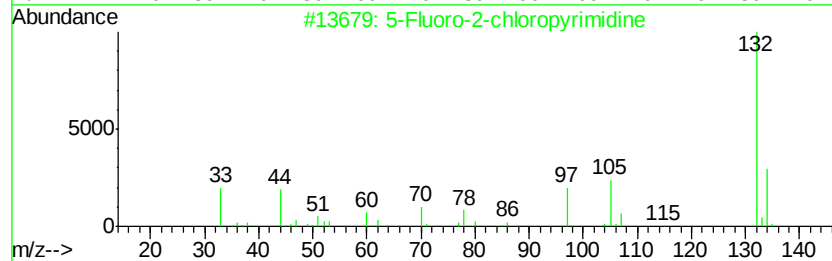
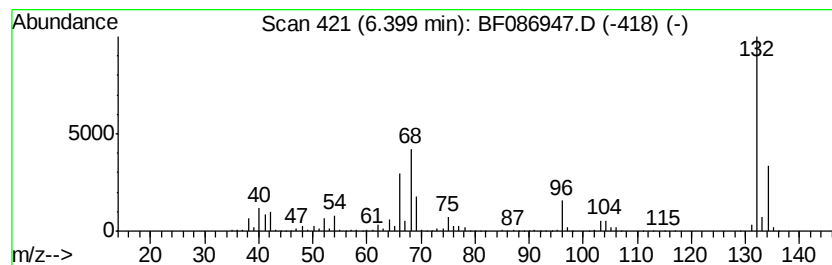
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	78.15 ng	3946070	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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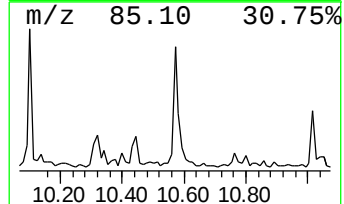
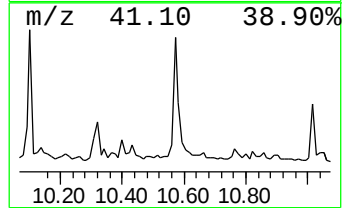
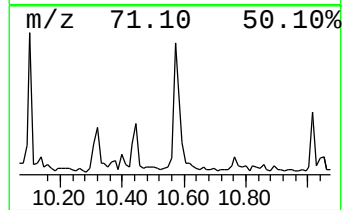
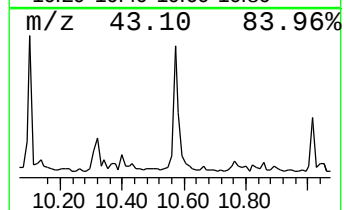
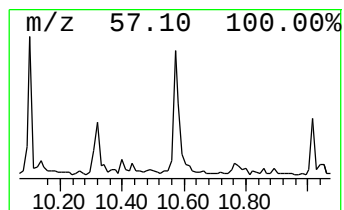
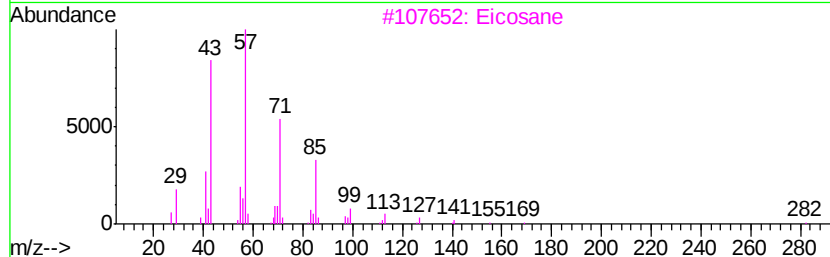
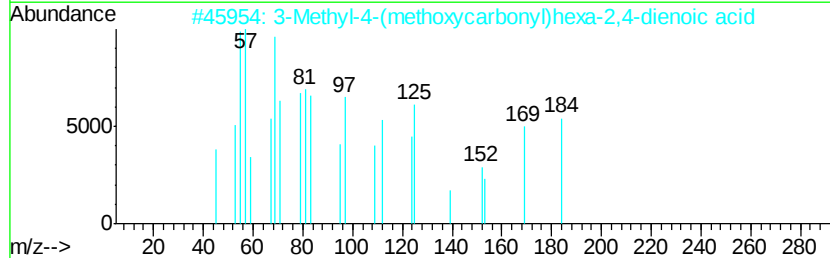
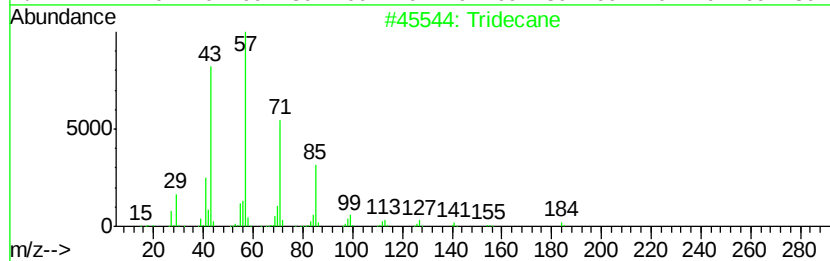
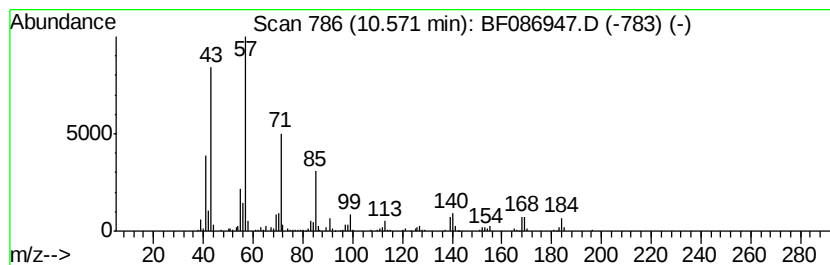
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.57	5.03 ng	373855	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	87
3	Eicosane	282	C20H42	000112-95-8	70
4	Pentadecane	212	C15H32	000629-62-9	64
5	Hexadecane	226	C16H34	000544-76-3	64



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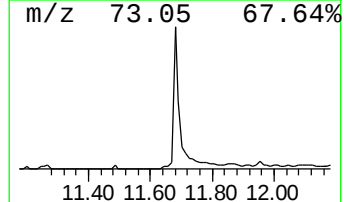
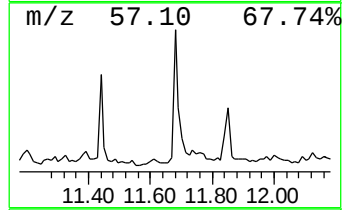
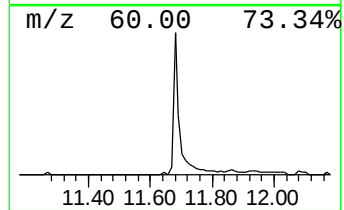
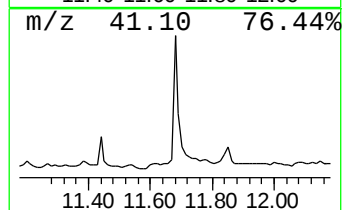
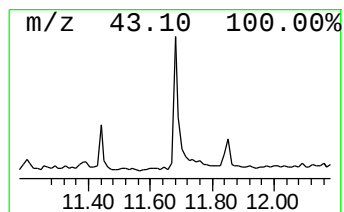
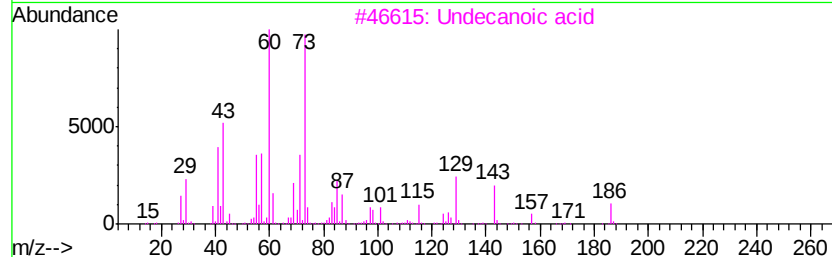
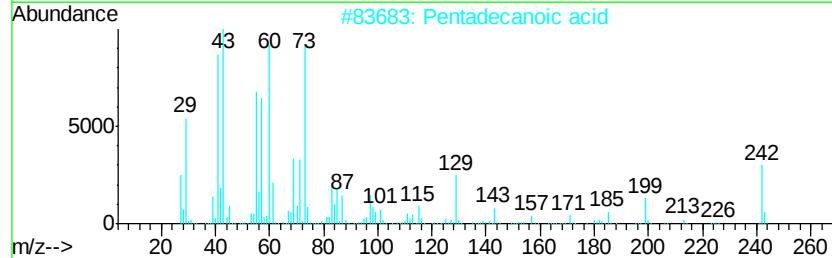
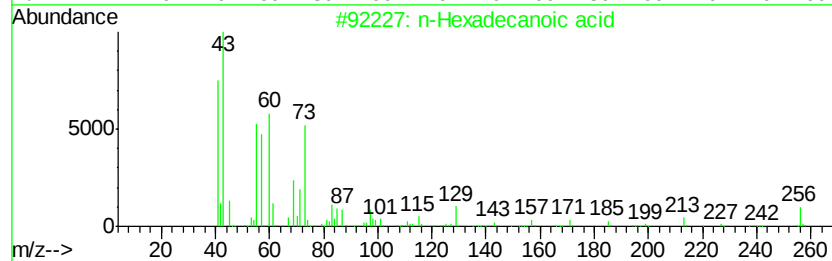
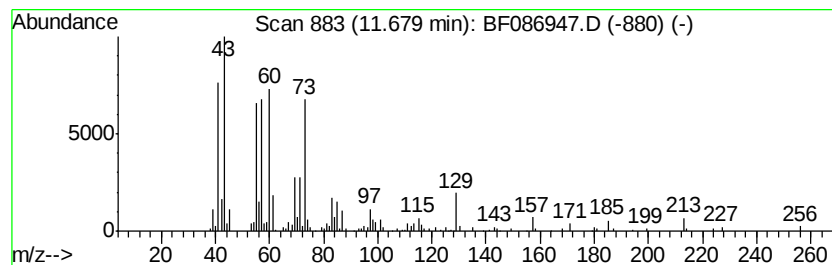
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ClientSampleId :
SPARTAPARK-1542-00(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.68	6.99 ng	519314	Phenanthrene-d10		11.13
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086947.D
Acq On : 12 May 2016 23:19
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

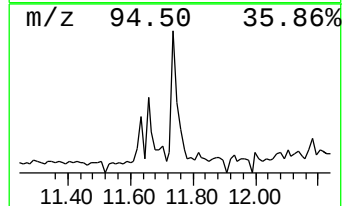
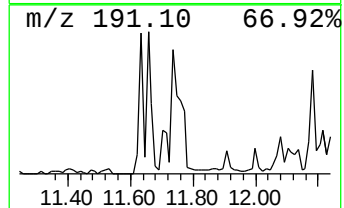
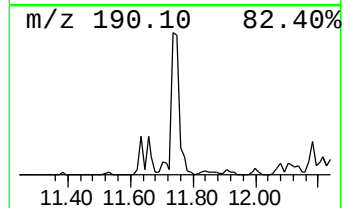
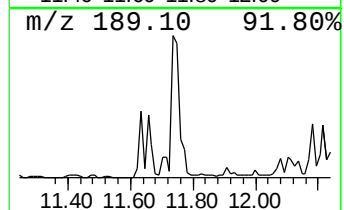
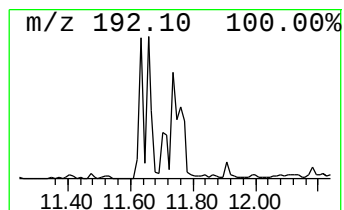
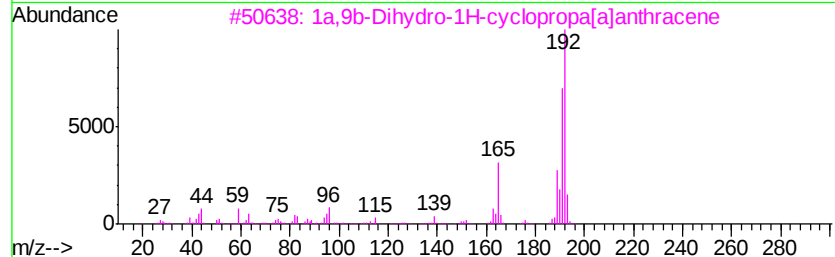
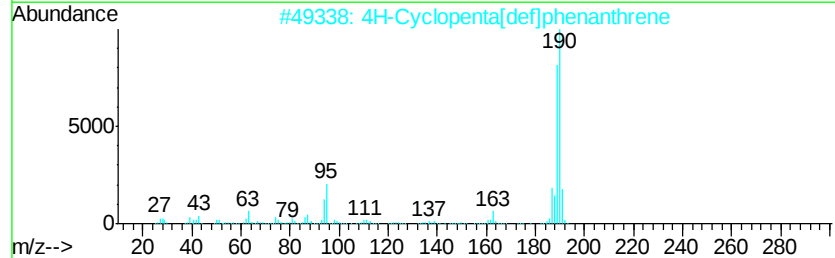
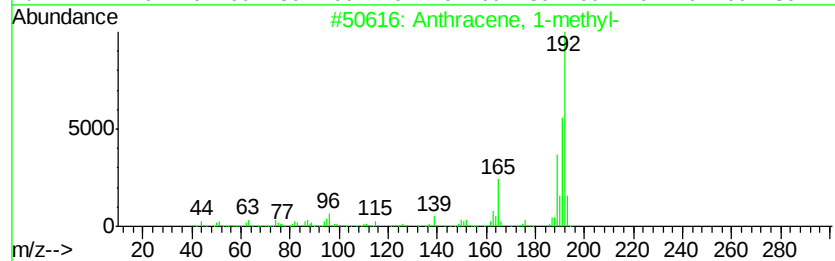
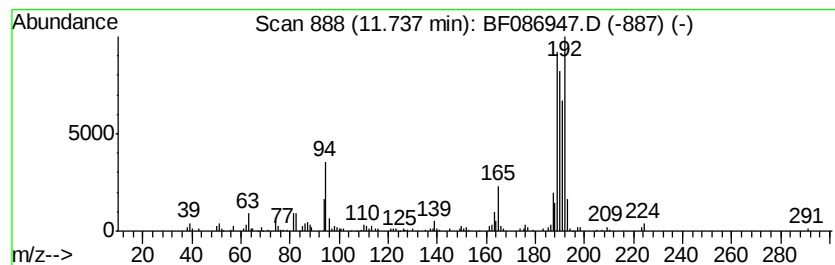
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.69 ng	348868	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42
4		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	42
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086947.D
Acq On : 12 May 2016 23:19
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

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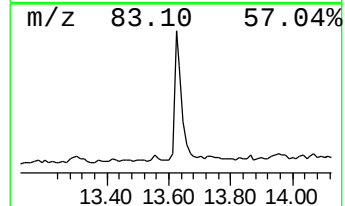
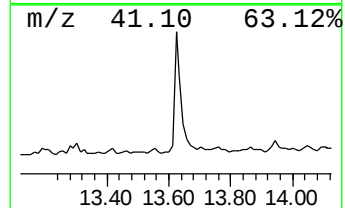
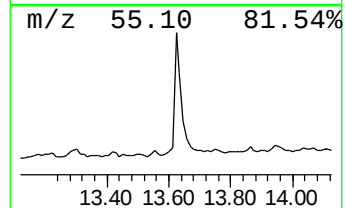
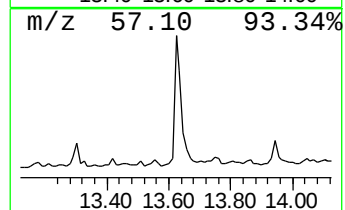
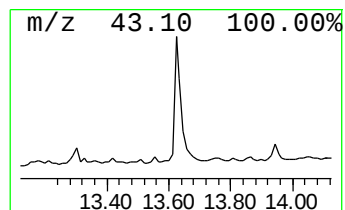
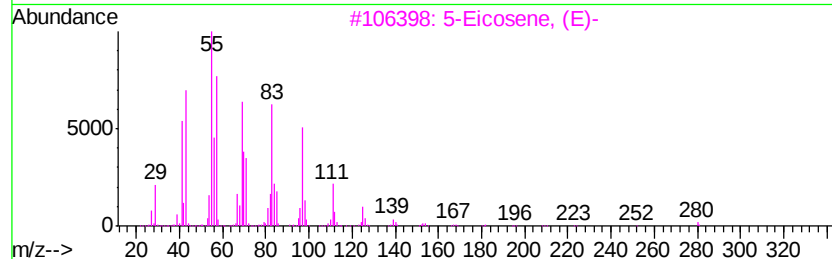
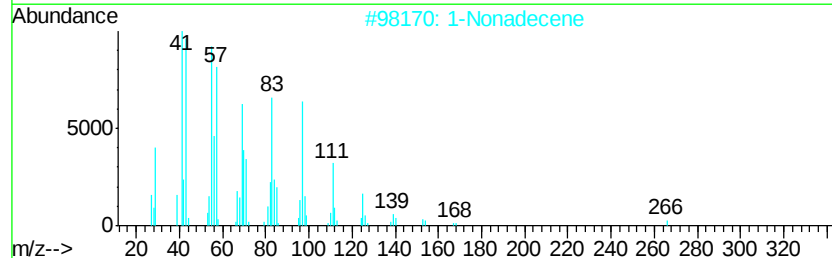
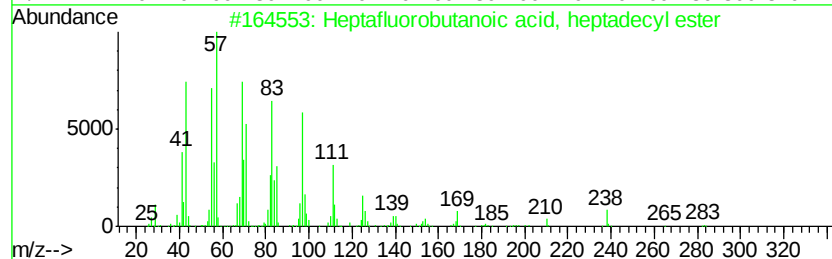
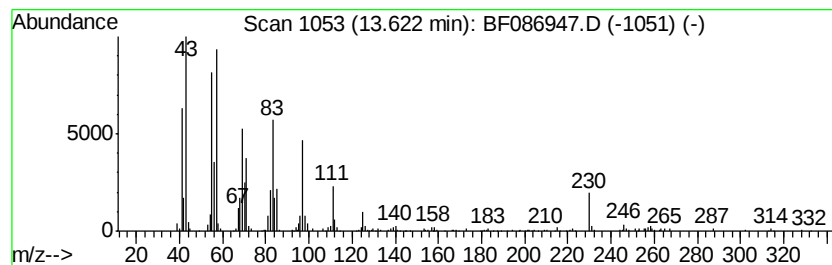
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptafluorobutanoic acid, h... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.79 ng	549802	Chrysene-d12	13.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	83
2		1-Nonadecene	266	C19H38	018435-45-5	68
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	64
4		1-Docosene	308	C22H44	001599-67-3	62
5		1-Tetracosanol	354	C24H50O	000506-51-4	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086947.D
Acq On : 12 May 2016 23:19
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SPARTAPARK-1542-00(0-2)

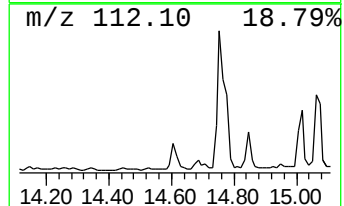
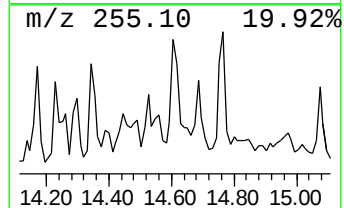
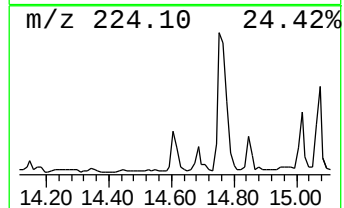
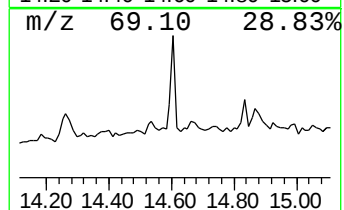
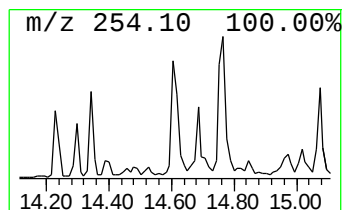
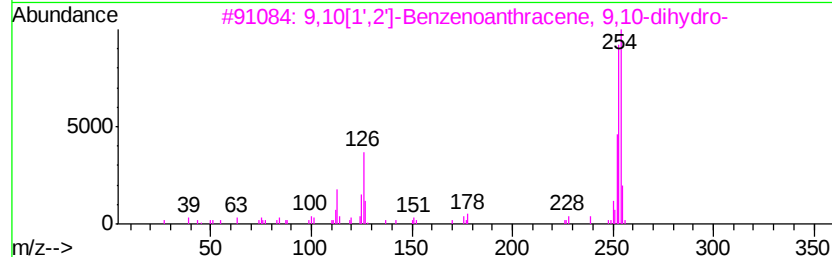
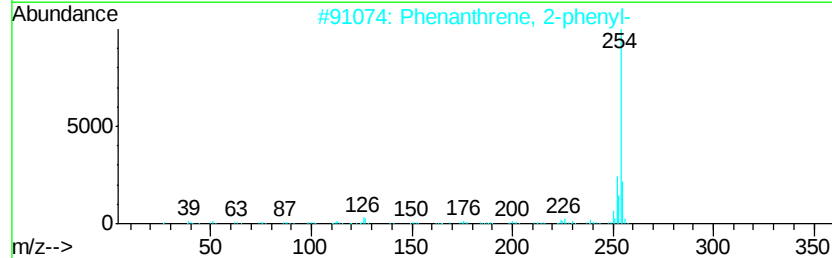
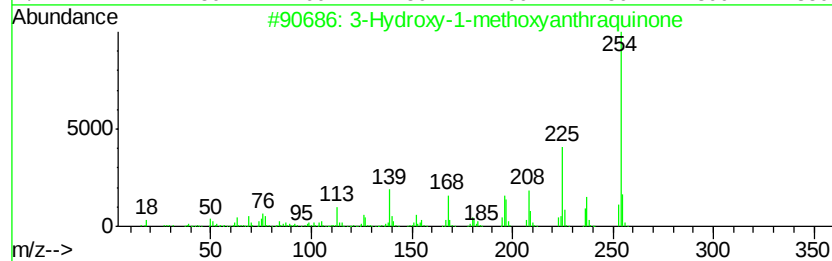
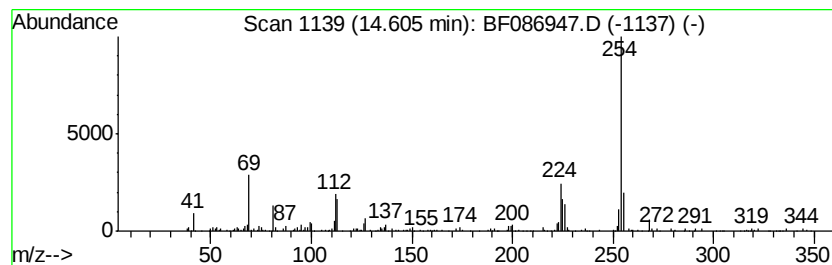
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	3.92 ng	222739	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	59
2		Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	50
3		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	47
4		9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	47
5		Chrysin	254	C15H10O4	000480-40-0	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086947.D
Acq On : 12 May 2016 23:19
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

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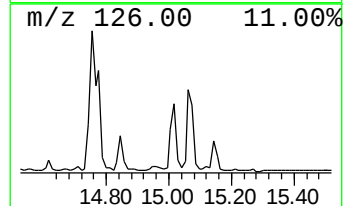
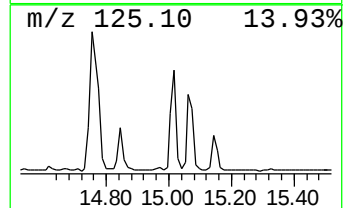
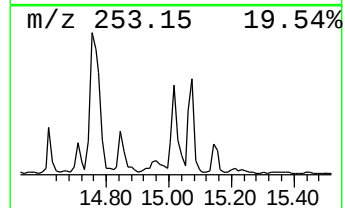
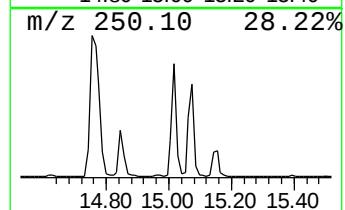
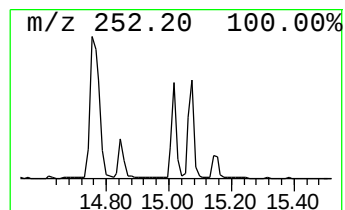
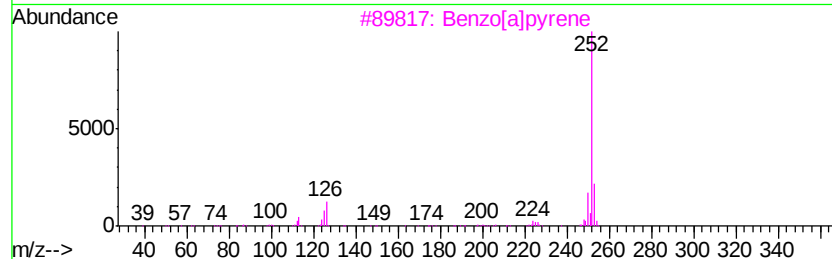
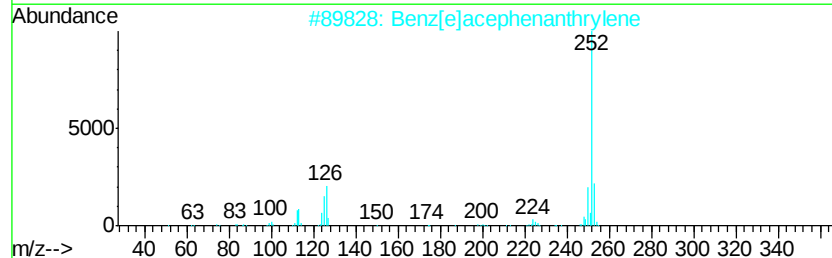
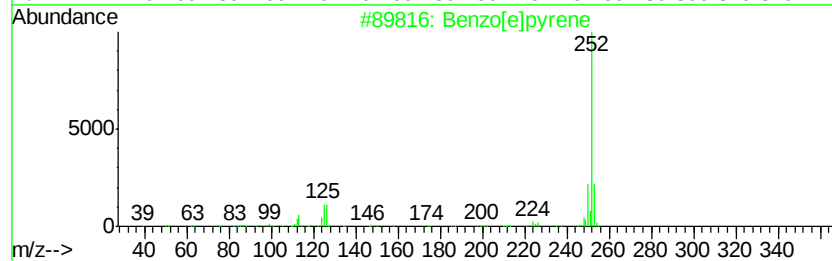
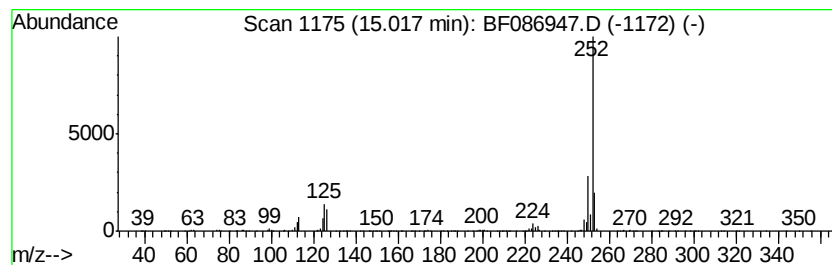
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	12.53 ng	711483	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Perylene	252	C20H12	000198-55-0	89
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086947.D
Acq On : 12 May 2016 23:19
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SPARTAPARK-1542-00(0-2)

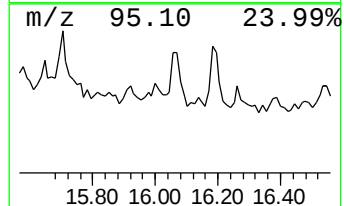
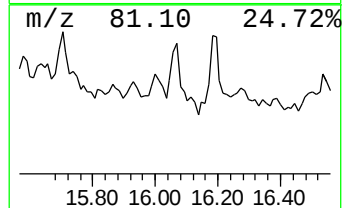
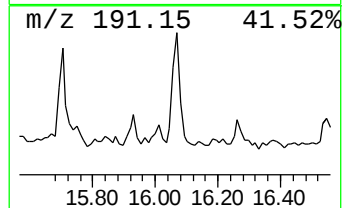
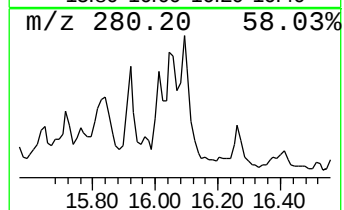
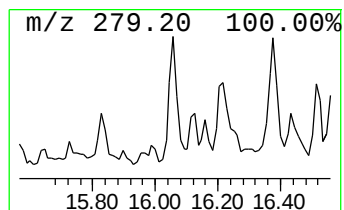
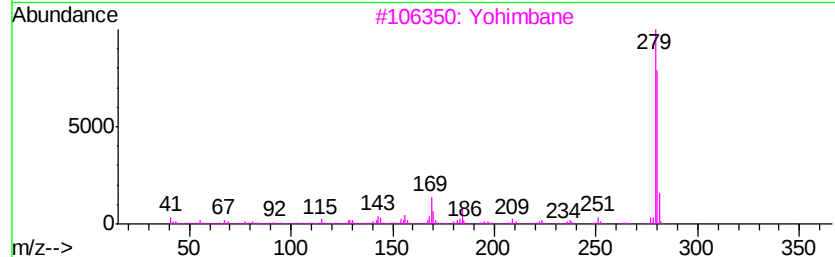
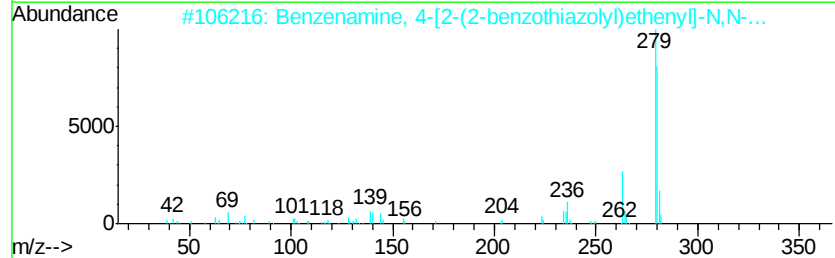
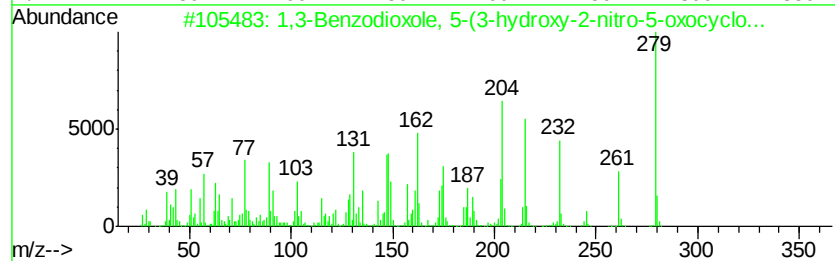
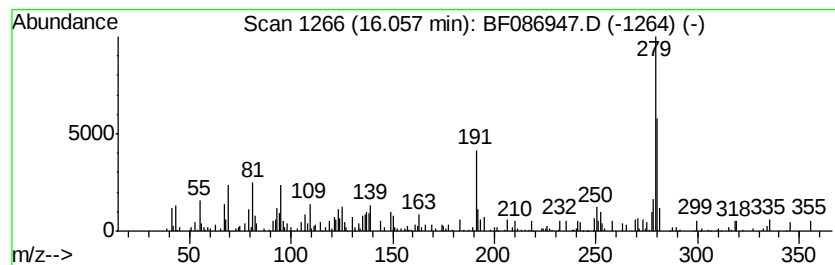
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,3-Benzodioxole, 5-(3-hydr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	4.02 ng	228119	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Benzodioxole, 5-(3-hydroxy-2...	279	C13H13N06	1000197-42-7	50
2		Benzenamine, 4-[2-(2-benzothiazo...	280	C17H16N2S	001628-58-6	49
3		Yohimbane	280	C19H24N2	1000128-75-6	46
4		Dibenz[a,j]acridine	279	C21H13N	000224-42-0	43
5		Dibenz(a,c)acridine	279	C21H13N	000215-62-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
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Acq On : 12 May 2016 23:19
Operator : UM/SJ
Sample : H2994-05
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ClientSampleId :
SPARTAPARK-1542-00(0-2)

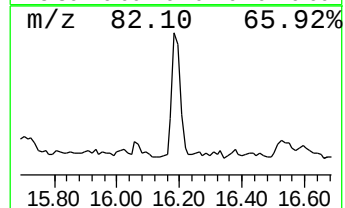
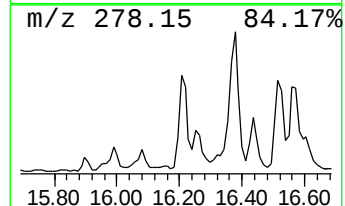
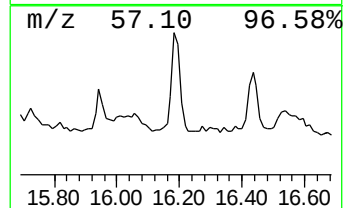
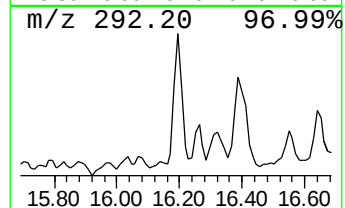
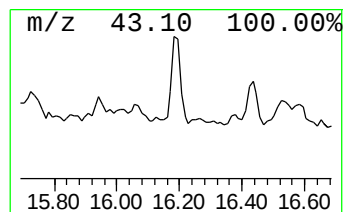
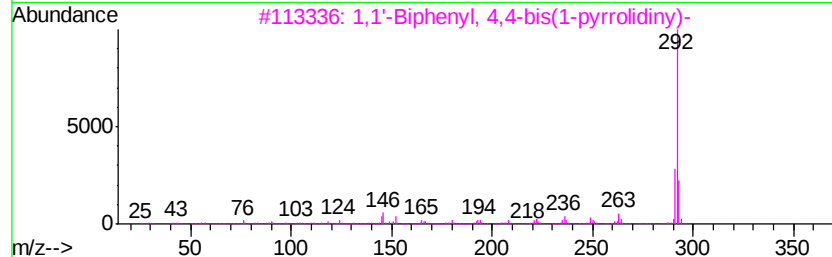
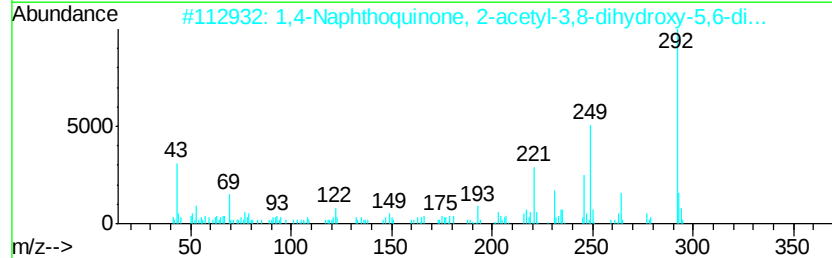
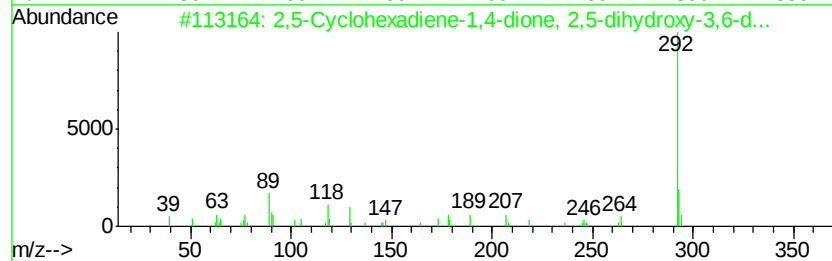
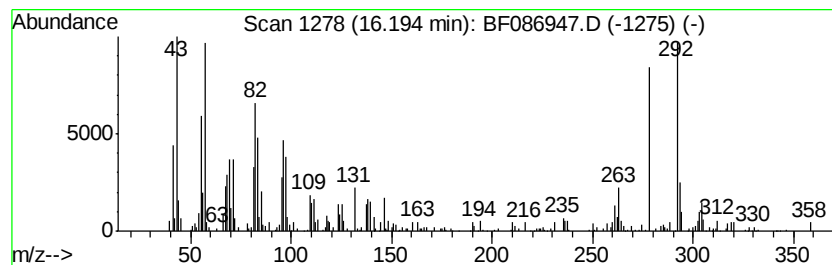
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.19 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	4.22 ng	239291	Perylene-d12	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	292	C18H12O4	000548-59-4	25		
2	1,4-Naphthoquinone, 2-acetyl-3,8...	292	C14H12O7	014090-53-0	22		
3	1,1'-Biphenyl, 4,4-bis(1-pyrroli...	292	C20H24N2	1000193-54-6	22		
4	O-Phenylenspirobiindanol a	310	C23H18O	1000202-02-4	22		
5	Dibenzimidazole[1,2-c;1,2-f]5-th...	292	C15H8N4OS	1000211-46-2	22		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086947.D
Acq On : 12 May 2016 23:19
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

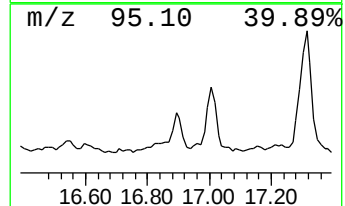
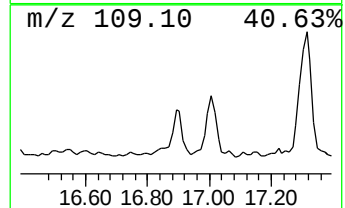
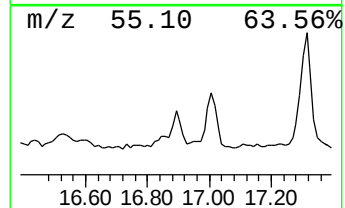
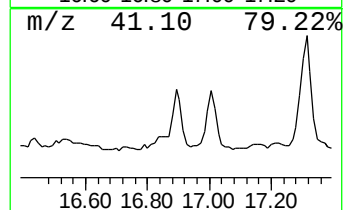
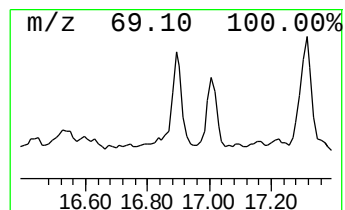
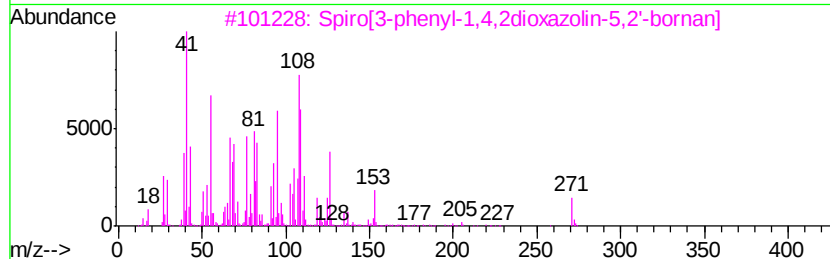
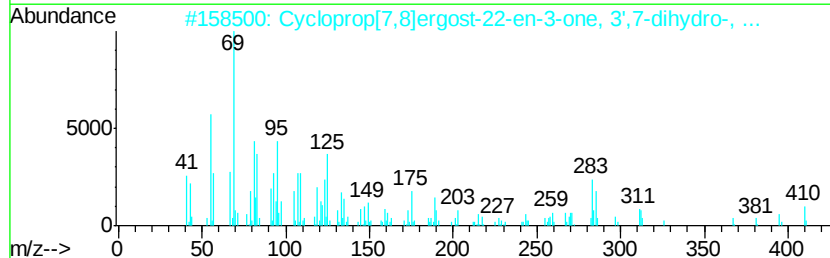
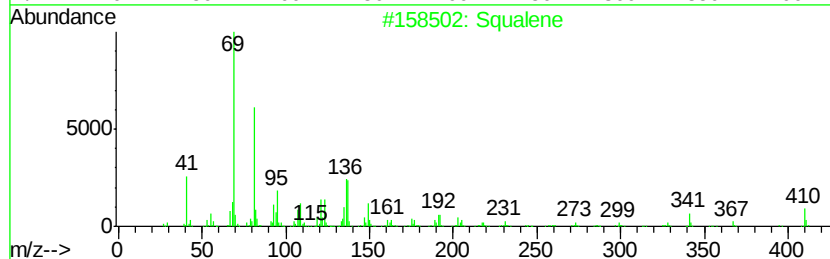
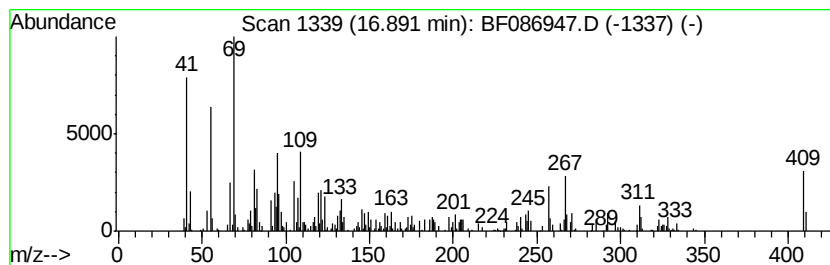
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ClientSampleId :
SPARTAPARK-1542-00(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.89 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	3.78 ng	214502	Perylene-d12	15.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	30
2	Cycloprop[7,8]ergost-22-en-3-one...	410 C29H46O	053755-18-3	18
3	Spiro[3-phenyl-1,4,2dioxazolin-5...	271 C17H21N02	287488-39-5	18
4	Crotonyl bromide	148 C4H5BrO	055600-70-9	14
5	Methacryloyl chloride	104 C4H5ClO	000920-46-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086947.D
Acq On : 12 May 2016 23:19
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

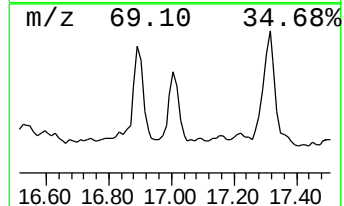
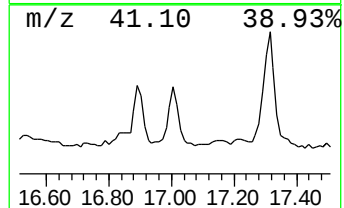
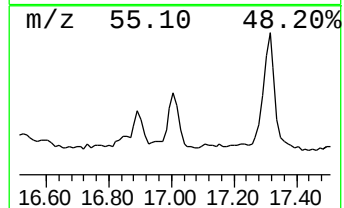
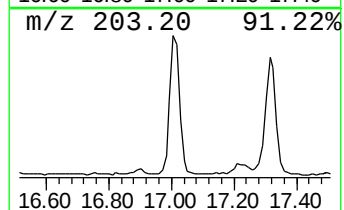
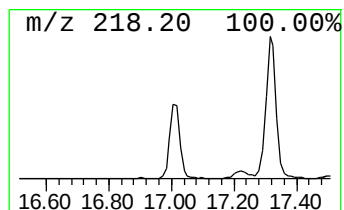
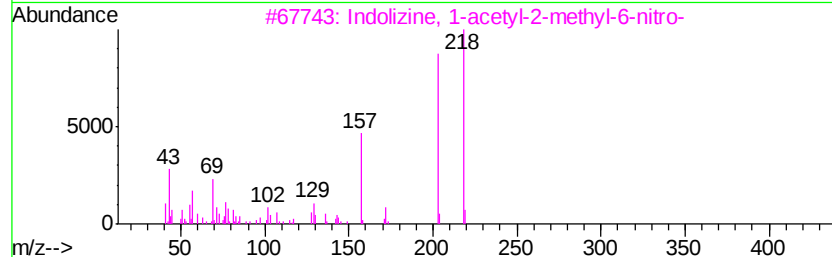
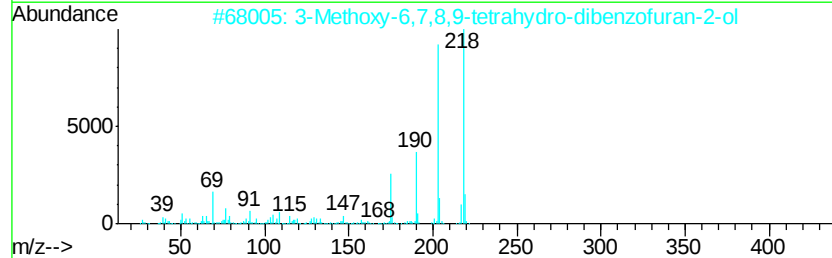
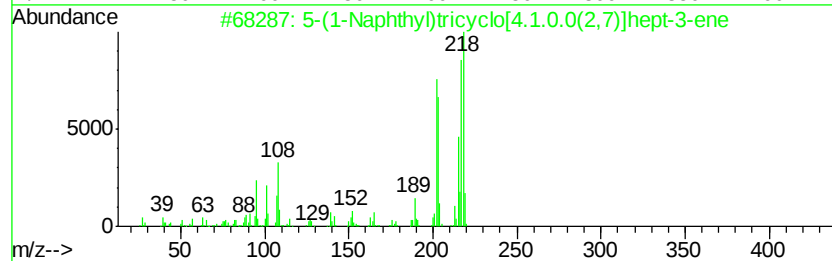
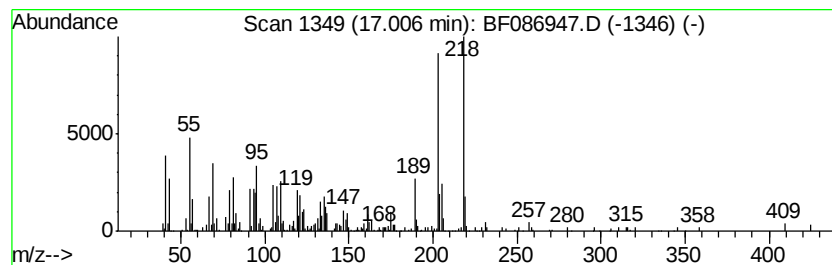
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 5-(1-Naphthyl)tricyclo[4.1.0.0(2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	7.72 ng	438002	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	58
2		3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	49
3		Indolizine, 1-acetyl-2-methyl-6-...	218	C11H10N2O3	1000071-33-1	43
4		Olean-12-ene	410	C30H50	000471-68-1	43
5		N'-(9-Anthrylmethylene)-2-(4-pen...	424	C28H28N2O2	349572-24-3	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086947.D
Acq On : 12 May 2016 23:19
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPARTAPARK-1542-00(0-2)

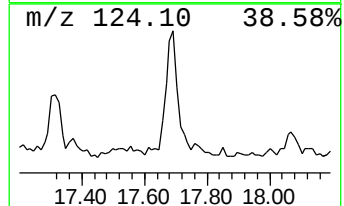
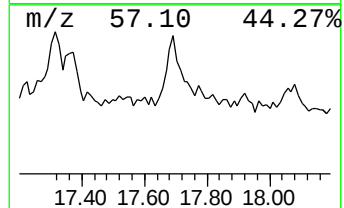
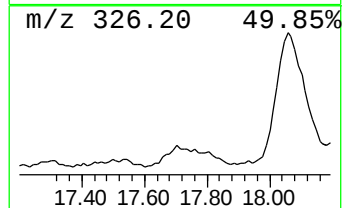
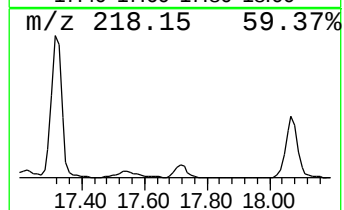
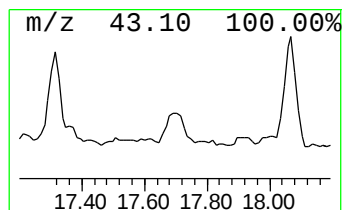
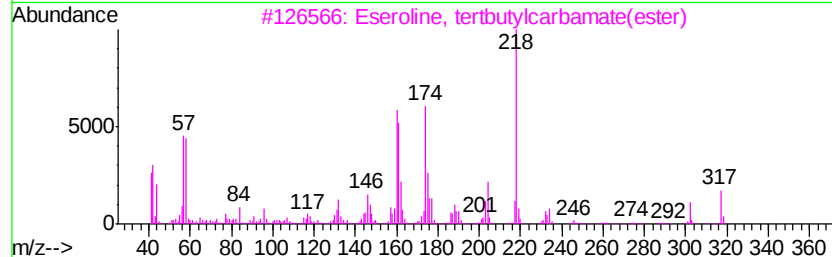
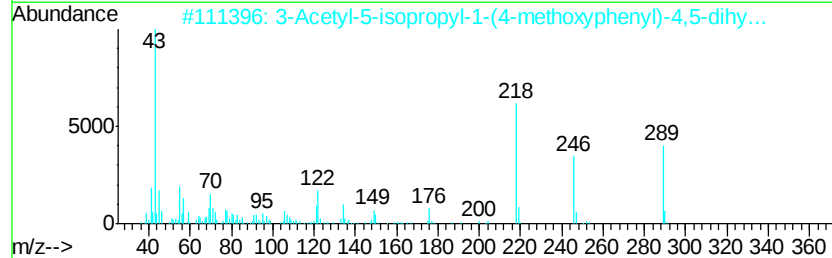
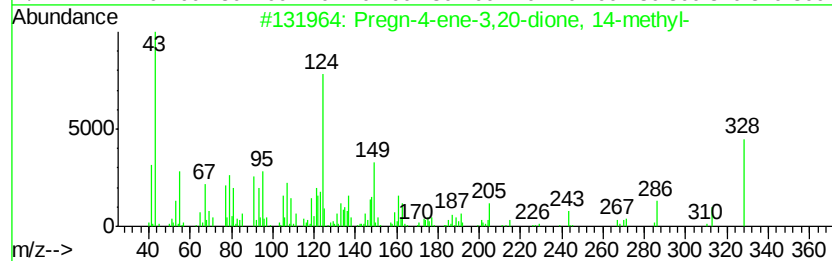
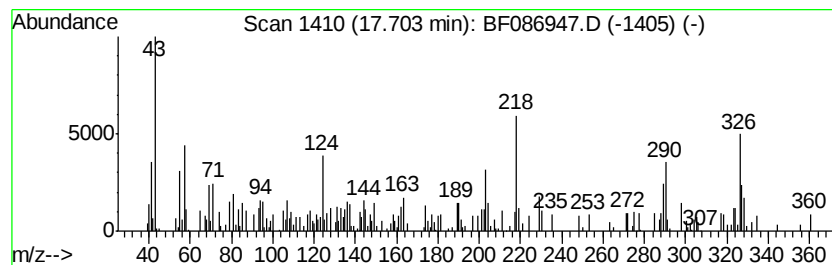
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.70 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	7.41 ng	420614	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pregn-4-ene-3,20-dione, 14-methyl-	328	C22H32O2	055162-96-4	46
2		3-Acetyl-5-isopropyl-1-(4-methoxy...	289	C15H19N3O3	1000210-22-0	14
3		Eseroline, tertbutylcarbamate(es...	317	C18H27N3O2	101246-65-5	10
4		4-[4-(4-Methoxy-phenyl)-thiazol-...	288	C16H20N2OS	088654-24-4	10
5		9-Bromo-10-[2-pyrimidylamino]-de...	439	C19H26BrN3O4	127971-94-2	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086947.D
Acq On : 12 May 2016 23:19
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

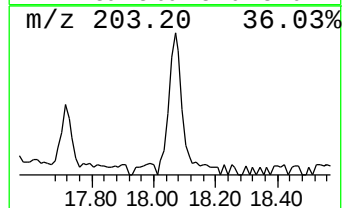
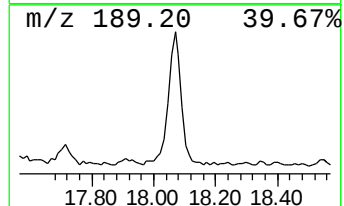
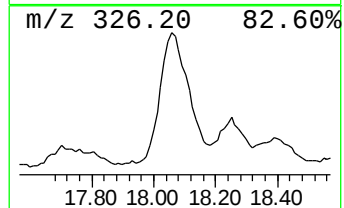
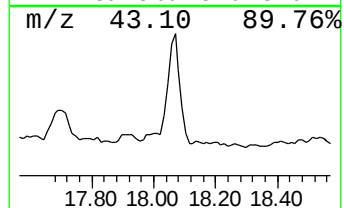
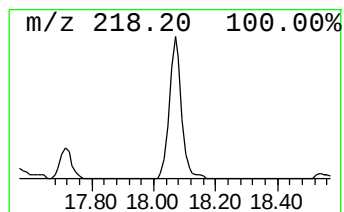
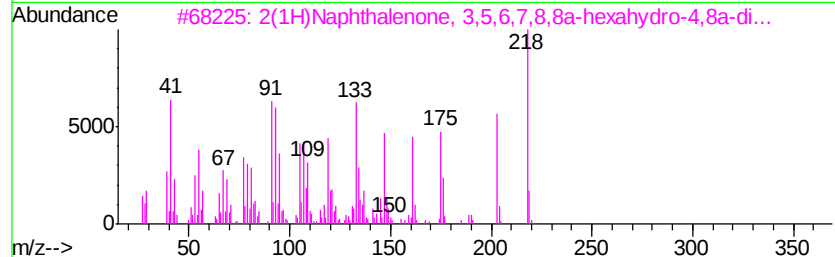
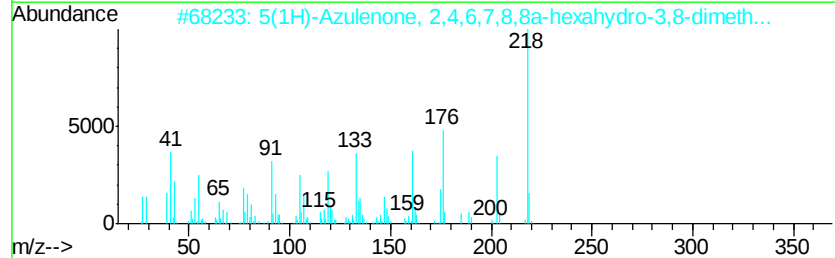
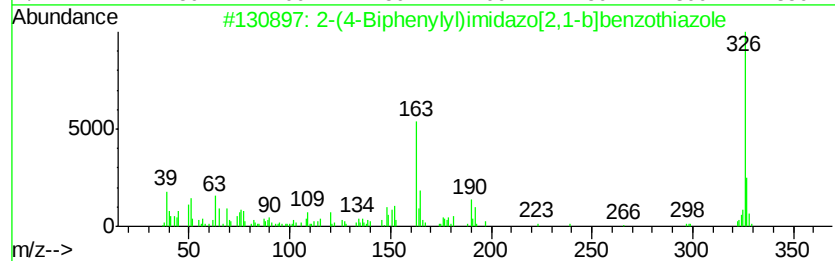
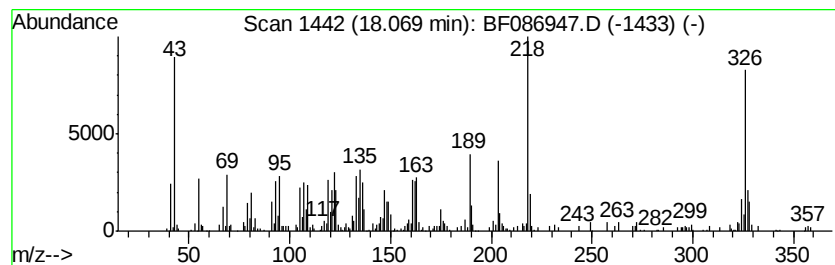
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ClientSampleId :
SPARTAPARK-1542-00(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-(4-Biphenyl)imidazo[2,1-b]benzothiazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.07	14.09 ng	799774	Perylene-d12	15.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-(4-Biphenyl)imidazo[2,1-b]be...	326	C21H14N2S	038956-29-5	51
2		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	47
3		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	46
4		Acenaphtho[1,2-j]fluoranthene	326	C26H14	000193-21-5	46
5		Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086947.D
Acq On : 12 May 2016 23:19
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
SPARTAPARK-1542-00(0-2)

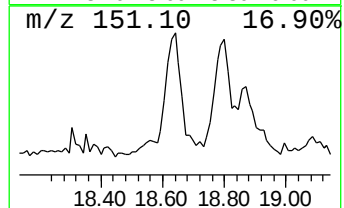
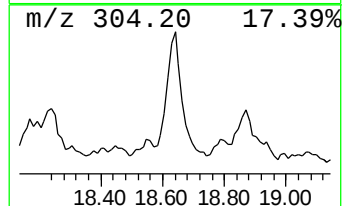
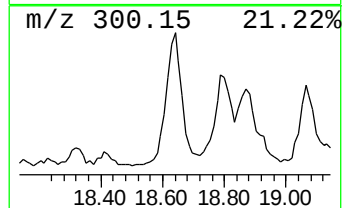
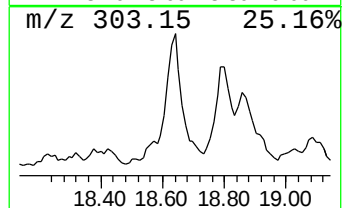
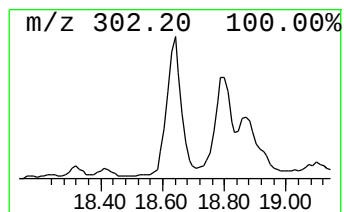
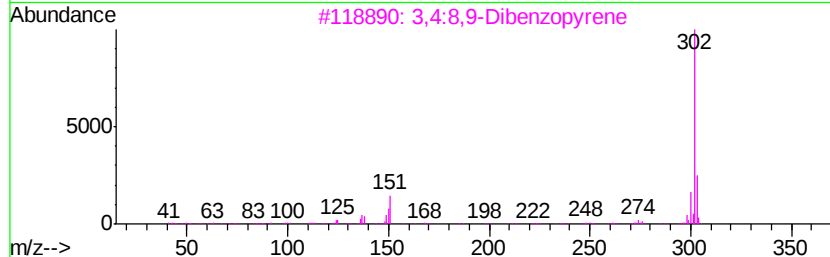
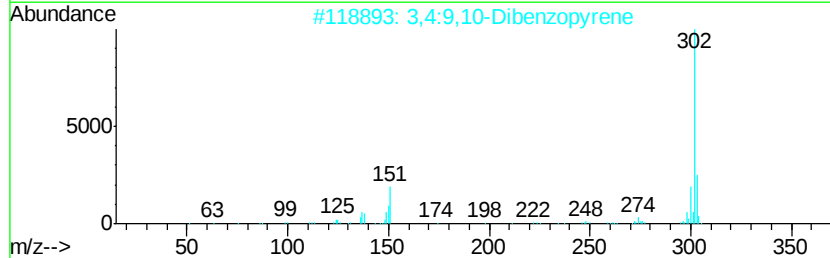
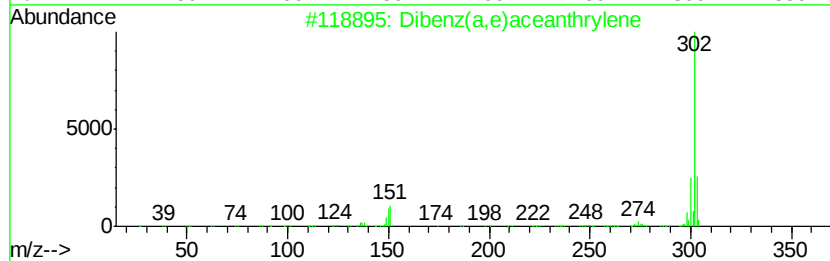
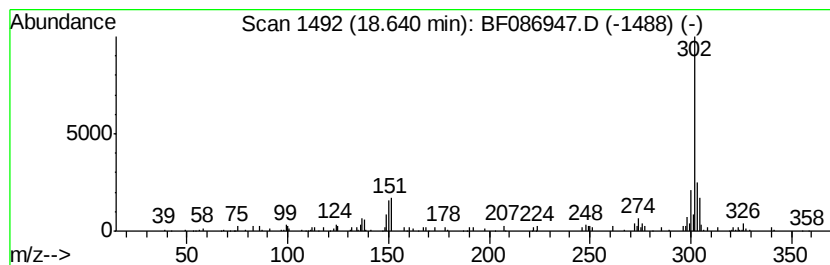
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	3.99 ng	226623	Perylene-d12	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
2			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
3			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
4			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
5			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086947.D
 Acq On : 12 May 2016 23:19
 Operator : UM/SJ
 Sample : H2994-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.75	10.4	ng	522813	1	6.62	1009920	20.0
unknown6.40	6.40	78.2	ng	3946070	1	6.62	1009920	20.0
Tridecane	10.57	5.0	ng	373855	4	11.13	1486460	20.0
n-Hexadecanoic acid	11.68	7.0	ng	519314	4	11.13	1486460	20.0
Anthracene, 1-met...	11.74	4.7	ng	348868	4	11.13	1486460	20.0
Heptafluorobutano...	13.62	3.8	ng	549802	5	13.76	2903500	20.0
3-Hydroxy-1-metho...	14.61	3.9	ng	222739	6	15.12	1135210	20.0
Benzo[e]pyrene	15.02	12.5	ng	711483	6	15.12	1135210	20.0
1,3-Benzodioxole, ...	16.06	4.0	ng	228119	6	15.12	1135210	20.0
unknown16.19	16.19	4.2	ng	239291	6	15.12	1135210	20.0
unknown16.89	16.89	3.8	ng	214502	6	15.12	1135210	20.0
5-(1-Naphthyl)tri...	17.01	7.7	ng	438002	6	15.12	1135210	20.0
4,4,6a,6b,8a,11,1...	17.31	20.8	ng	1179500	6	15.12	1135210	20.0
unknown17.70	17.70	7.4	ng	420614	6	15.12	1135210	20.0
2-(4-Biphenyl)yl)i...	18.07	14.1	ng	799774	6	15.12	1135210	20.0
Dibenz(a,e)aceant...	18.64	4.0	ng	226623	6	15.12	1135210	20.0