

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079506.D
 Acq On : 27 May 2015 6:40
 Operator : TP/IZ
 Sample : G2359-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29BS

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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	1.278	5	8	11	rVB	83639	139965	5.12%	0.300%
2	1.427	19	21	25	rVB	196640	289835	10.61%	0.622%
3	1.518	28	29	34	rVB	27824	43197	1.58%	0.093%
4	1.587	34	35	43	rBV	152428	278502	10.19%	0.598%
5	1.701	43	45	73	rVB	1144379	2270359	83.07%	4.872%
6	4.741	309	311	319	rBV	138727	199632	7.30%	0.428%
7	5.301	358	360	372	rBV	1403092	1769316	64.74%	3.797%
8	6.616	472	475	483	rBV	1967358	1964433	71.88%	4.216%
9	6.742	483	486	488	rBV	1389929	1928025	70.55%	4.138%
10	7.016	508	510	513	rBV	468123	486522	17.80%	1.044%
11	7.199	524	526	529	rBV	1079722	1462915	53.53%	3.139%
12	7.713	569	571	574	rBV	894886	1098846	40.21%	2.358%
13	8.593	646	648	653	rBV	723226	787049	28.80%	1.689%
14	9.485	724	726	728	rVB	46001	42951	1.57%	0.092%
15	9.599	734	736	739	rVB	48459	50465	1.85%	0.108%
16	9.942	764	766	769	rBV	2373004	2280738	83.45%	4.895%
17	10.353	799	802	803	rBV	42081	47552	1.74%	0.102%
18	10.456	808	811	813	rBV	96833	100246	3.67%	0.215%
19	10.593	820	823	825	rVB	85801	101190	3.70%	0.217%
20	10.765	835	838	840	rVV	827562	799932	29.27%	1.717%
21	10.799	840	841	843	rVB	154463	165193	6.04%	0.355%
22	11.016	858	860	863	rVV2	72920	97526	3.57%	0.209%
23	11.439	896	897	900	rVB	122880	147911	5.41%	0.317%
24	11.519	900	904	906	rBV3	20693	55312	2.02%	0.119%
25	11.645	913	915	918	rVB2	61982	69711	2.55%	0.150%
26	11.748	921	924	927	rVV	1537434	1694286	62.00%	3.636%
27	11.954	940	942	944	rBV	24734	44024	1.61%	0.094%
28	12.125	953	957	959	rBV2	35878	67513	2.47%	0.145%
29	12.296	970	972	977	rVV2	35784	99547	3.64%	0.214%
30	12.365	977	978	981	rVB	62577	76762	2.81%	0.165%
31	12.434	981	984	986	rBV	64214	89419	3.27%	0.192%
32	12.468	986	987	989	rVV	75967	84789	3.10%	0.182%
33	12.605	996	999	1000	rBV	829782	952531	34.85%	2.044%
34	12.628	1000	1001	1004	rVV	1412833	1478005	54.08%	3.172%

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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 >

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.696	1004	1007	1009	rVV	429853	450058	16.47%	0.966%
36	12.742	1009	1011	1014	rVB2	42522	66549	2.44%	0.143%
37	12.914	1024	1026	1027	rVV	111431	135214	4.95%	0.290%
38	12.948	1027	1029	1031	rVV3	27201	50357	1.84%	0.108%
39	12.982	1031	1032	1034	rVV2	32319	52078	1.91%	0.112%
40	13.039	1034	1037	1040	rVV4	29402	67043	2.45%	0.144%
41	13.234	1051	1054	1055	rBV	176568	204642	7.49%	0.439%
42	13.268	1055	1057	1060	rVB	245757	275234	10.07%	0.591%
43	13.325	1060	1062	1063	rBV	119870	181354	6.64%	0.389%
44	13.359	1063	1065	1067	rVV	330234	460565	16.85%	0.988%
45	13.394	1067	1068	1071	rVB	157771	144013	5.27%	0.309%
46	13.611	1085	1087	1088	rBV	125118	151379	5.54%	0.325%
47	13.634	1088	1089	1091	rVB	117429	104141	3.81%	0.223%
48	13.794	1101	1103	1104	rBV2	34743	54208	1.98%	0.116%
49	13.919	1111	1114	1115	rBV	93167	131634	4.82%	0.282%
50	13.954	1115	1117	1121	rVV4	69285	184743	6.76%	0.396%
51	14.022	1121	1123	1128	rVB2	87003	167820	6.14%	0.360%
52	14.102	1128	1130	1132	rBV	1688067	2007567	73.46%	4.308%
53	14.182	1135	1137	1139	rBV2	58980	77209	2.83%	0.166%
54	14.217	1139	1140	1143	rVB2	42934	62656	2.29%	0.134%
55	14.285	1143	1146	1148	rBV	128164	151956	5.56%	0.326%
56	14.388	1151	1155	1157	rBV	1515884	2151017	78.71%	4.616%
57	14.422	1157	1158	1159	rVV	48868	51230	1.87%	0.110%
58	14.457	1159	1161	1162	rVB	56945	62646	2.29%	0.134%
59	14.548	1167	1169	1170	rBV	117638	132655	4.85%	0.285%
60	14.594	1170	1173	1176	rBV	2309418	2732918	100.00%	5.865%
61	14.674	1176	1180	1182	rBV2	93189	191509	7.01%	0.411%
62	14.800	1189	1191	1193	rVB	211778	290220	10.62%	0.623%
63	14.857	1193	1196	1197	rBV2	22667	48104	1.76%	0.103%
64	14.880	1197	1198	1200	rBV	83286	132415	4.85%	0.284%
65	14.925	1200	1202	1207	rVB2	222258	342283	12.52%	0.735%
66	15.040	1210	1212	1214	rBV	108611	100955	3.69%	0.217%
67	15.085	1214	1216	1218	rBV2	88506	145878	5.34%	0.313%
68	15.245	1227	1230	1232	rBV	459638	513455	18.79%	1.102%
69	15.337	1237	1238	1240	rVB2	57225	56149	2.05%	0.120%
70	15.440	1243	1247	1250	rBV	120717	237468	8.69%	0.510%
71	15.565	1255	1258	1260	rBV	162332	205584	7.52%	0.441%

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72	15.600	1260	1261	1265	rVV2	127394	257759	9.43%	0.553%
73	15.657	1265	1266	1268	rVB2	79060	82661	3.02%	0.177%
74	15.702	1268	1270	1272	rVB	159088	194593	7.12%	0.418%
75	15.771	1273	1276	1280	rBV2	359724	564920	20.67%	1.212%
76	15.874	1280	1285	1287	rBV2	1216964	2294163	83.95%	4.923%
77	15.920	1287	1289	1293	rVB2	737674	1204622	44.08%	2.585%
78	16.011	1294	1297	1298	rBV	130169	150855	5.52%	0.324%
79	16.045	1298	1300	1304	rBV4	66154	95685	3.50%	0.205%
80	16.148	1307	1309	1311	rVB	77064	98376	3.60%	0.211%
81	16.183	1311	1312	1314	rBV	110635	142972	5.23%	0.307%
82	16.331	1323	1325	1327	rBV2	62978	105270	3.85%	0.226%
83	16.377	1327	1329	1331	rVV	153126	237485	8.69%	0.510%
84	16.423	1331	1333	1336	rVV	87529	131914	4.83%	0.283%
85	16.503	1337	1340	1341	rVV2	80620	122884	4.50%	0.264%
86	16.537	1341	1343	1346	rVV3	70871	182268	6.67%	0.391%
87	16.583	1346	1347	1351	rVV2	156045	275858	10.09%	0.592%
88	16.651	1351	1353	1356	rVB	54430	78101	2.86%	0.168%
89	16.788	1361	1365	1368	rBV5	66856	217383	7.95%	0.467%
90	16.994	1379	1383	1387	rBV3	72055	216543	7.92%	0.465%
91	17.177	1396	1399	1404	rVB	788594	1660784	60.77%	3.564%
92	17.291	1407	1409	1411	rVB	175036	191468	7.01%	0.411%
93	17.371	1414	1416	1419	rBV3	110462	240970	8.82%	0.517%
94	17.497	1424	1427	1430	rVB	453365	578830	21.18%	1.242%
95	17.554	1430	1432	1435	rVB	664011	847495	31.01%	1.819%
96	17.623	1435	1438	1440	rBV	812473	1079243	39.49%	2.316%
97	18.960	1551	1555	1560	rVB2	293295	626471	22.92%	1.344%
98	19.120	1566	1569	1571	rBV	93962	189090	6.92%	0.406%
99	19.337	1585	1588	1593	rVB	255464	497530	18.21%	1.068%
100	19.474	1598	1600	1605	rBV6	65539	192411	7.04%	0.413%

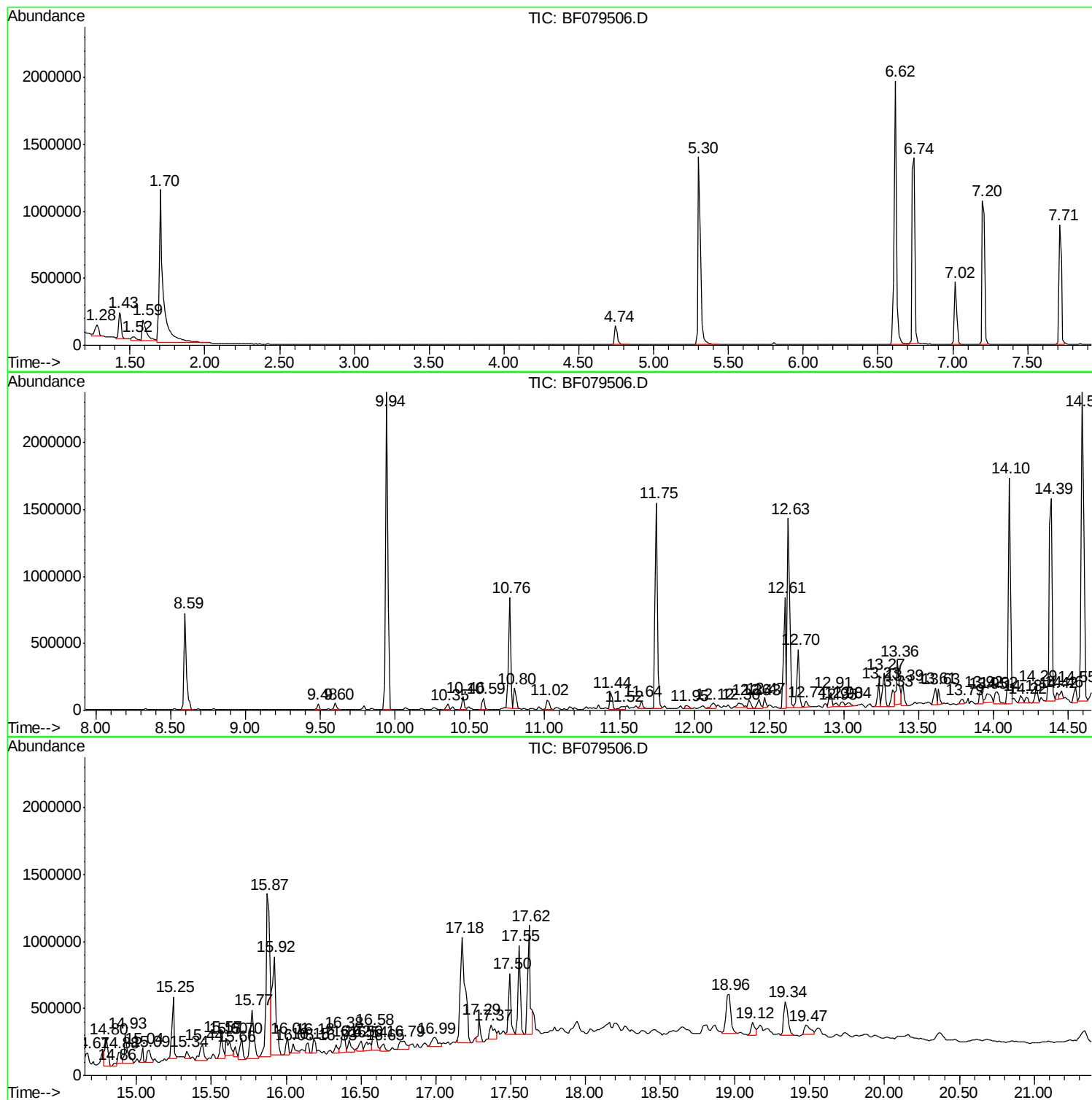
Sum of corrected areas: 46597709

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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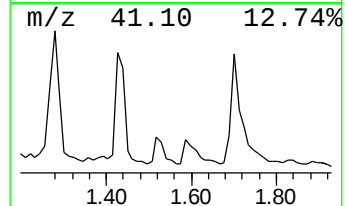
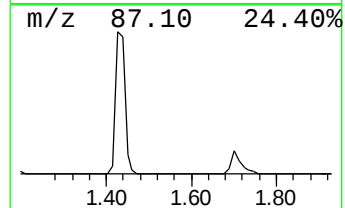
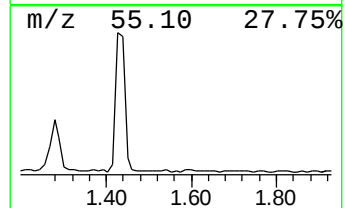
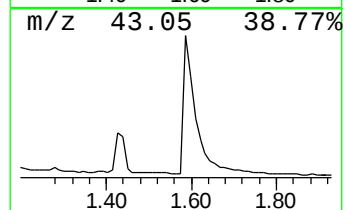
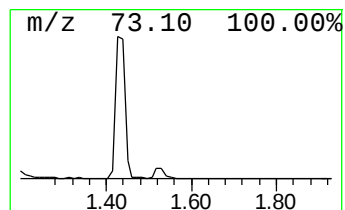
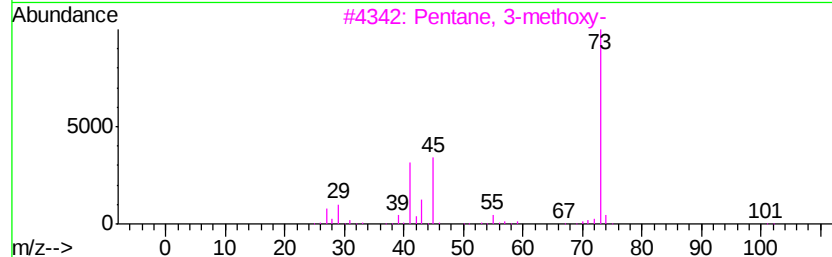
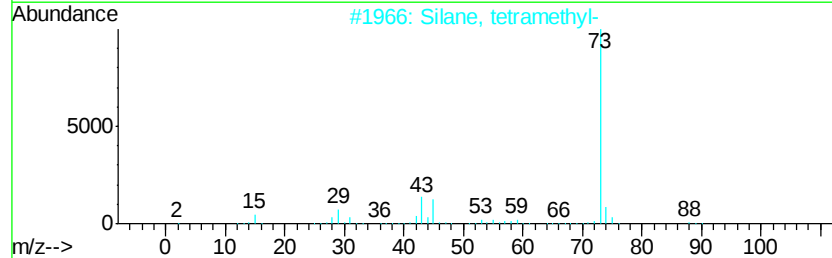
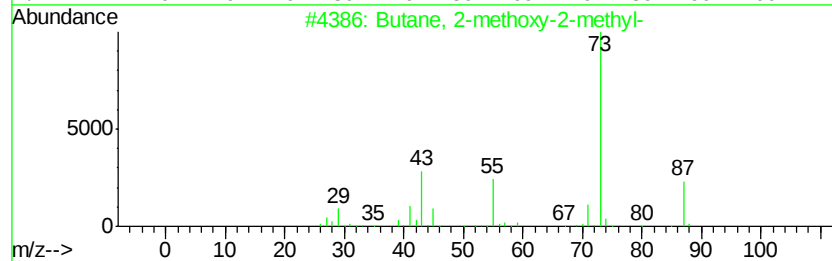
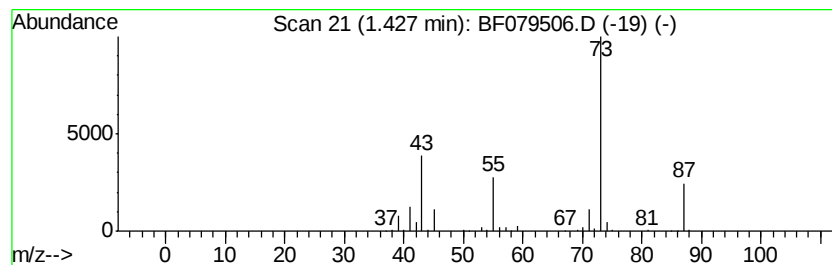
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	11.91 ng	289835	1,4-Dichlorobenzene-d4	7.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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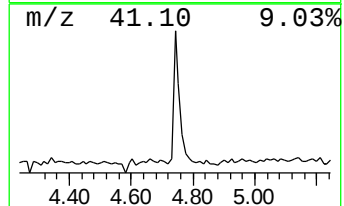
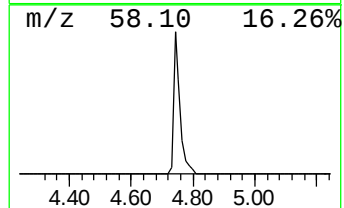
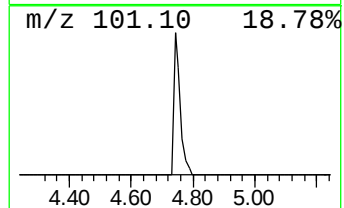
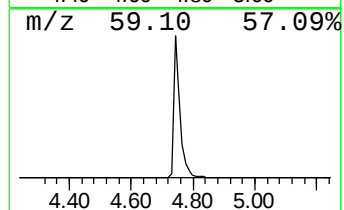
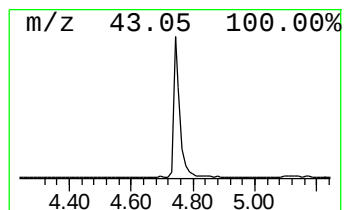
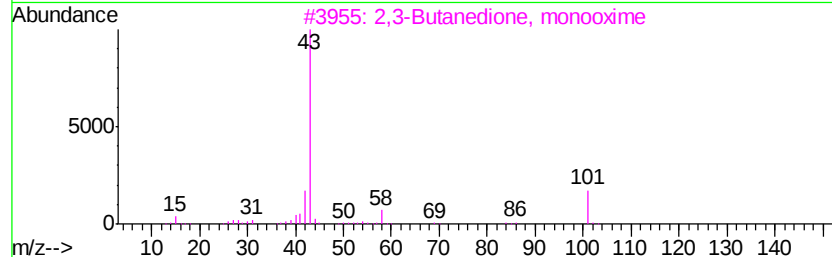
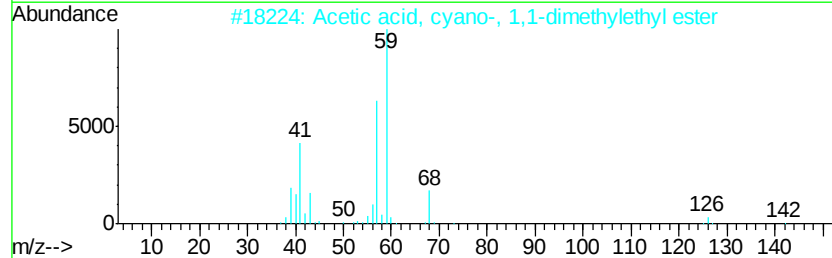
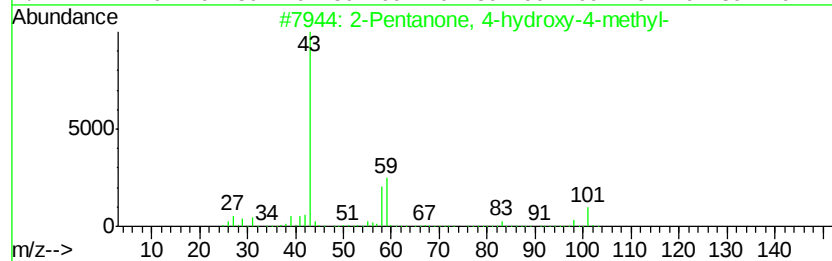
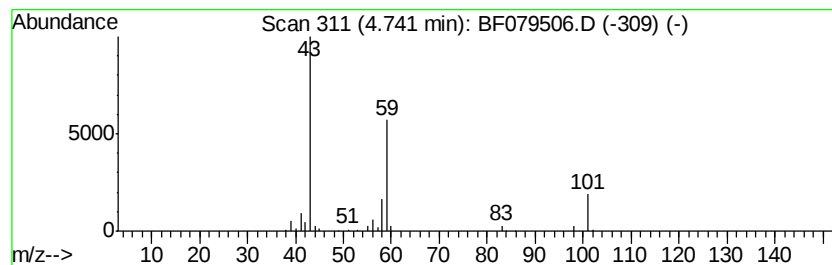
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	8.21 ng	199632	1,4-Dichlorobenzene-d4	7.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9
5		2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9



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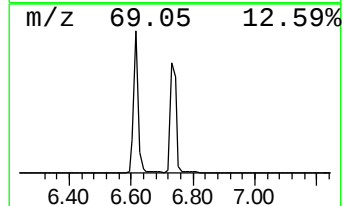
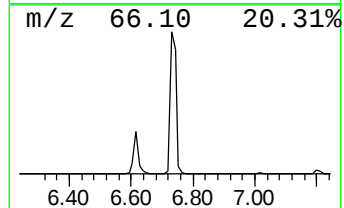
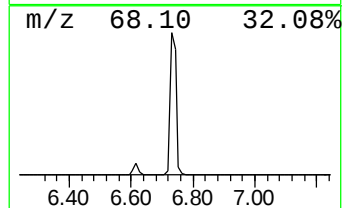
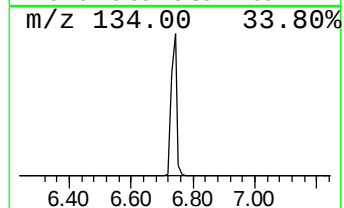
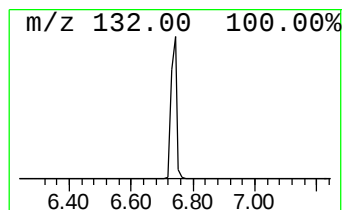
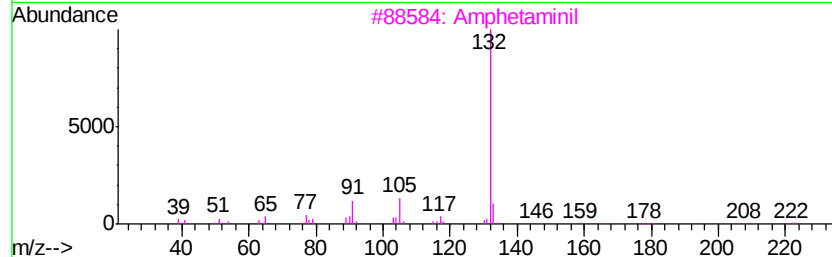
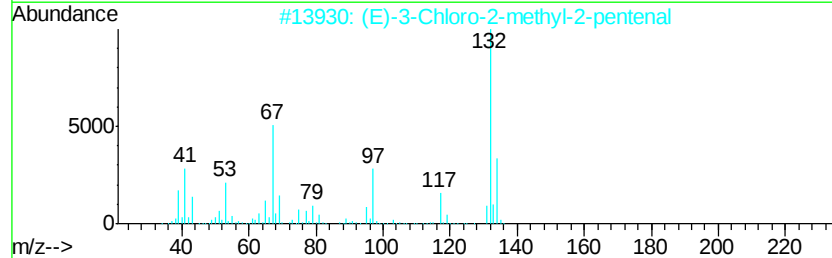
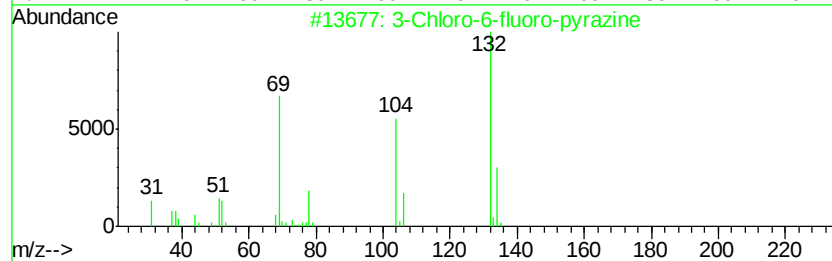
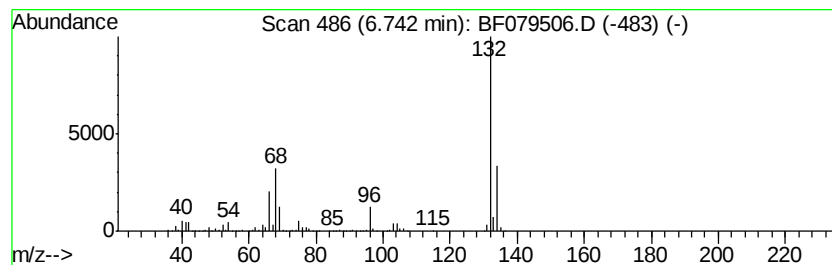
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	79.26 ng	1928030	1,4-Dichlorobenzene-d4	7.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079506.D
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Operator : TP/IZ
Sample : G2359-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

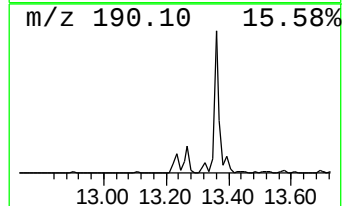
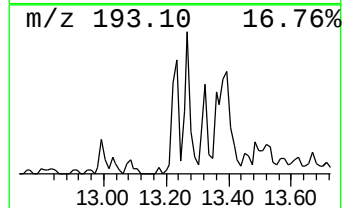
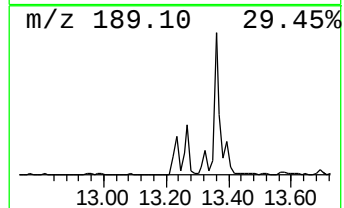
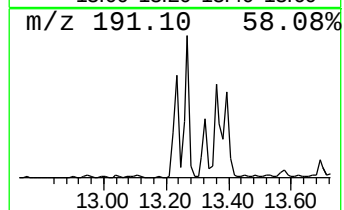
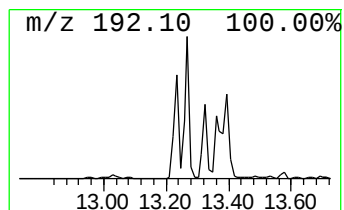
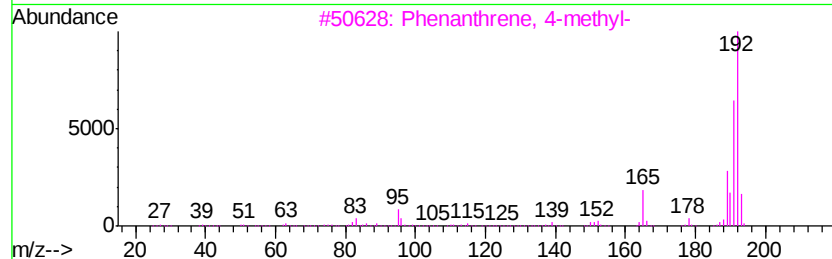
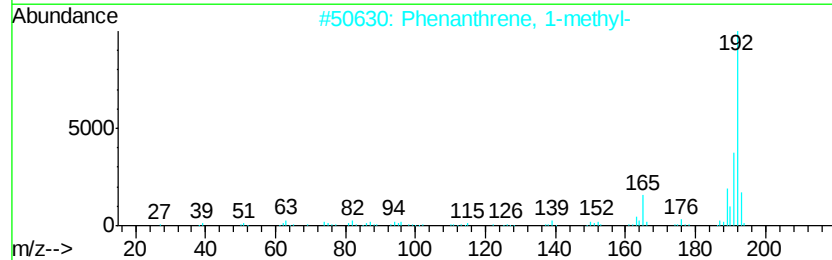
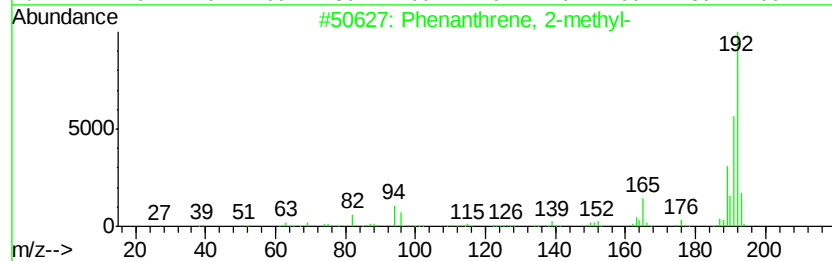
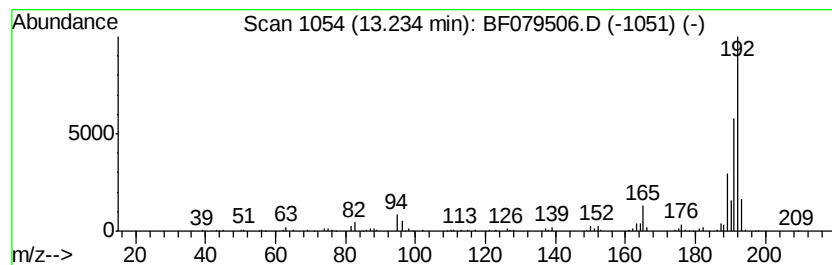
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.23	4.30 ng	204642	Phenanthrene-d10		12.61
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079506.D
Acq On : 27 May 2015 6:40
Operator : TP/IZ
Sample : G2359-07
Misc :
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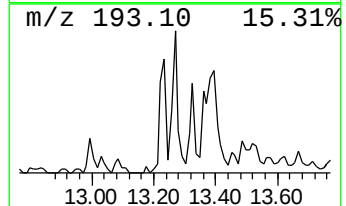
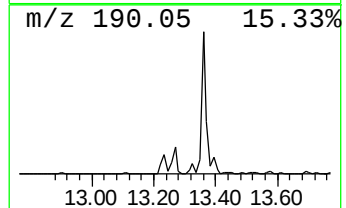
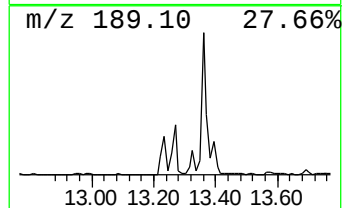
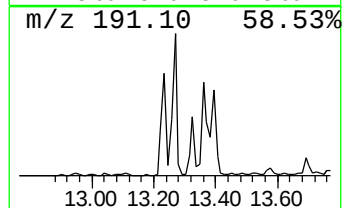
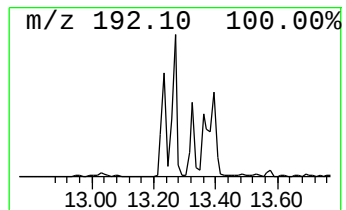
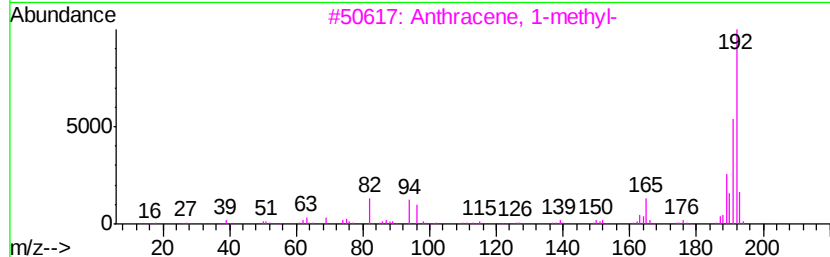
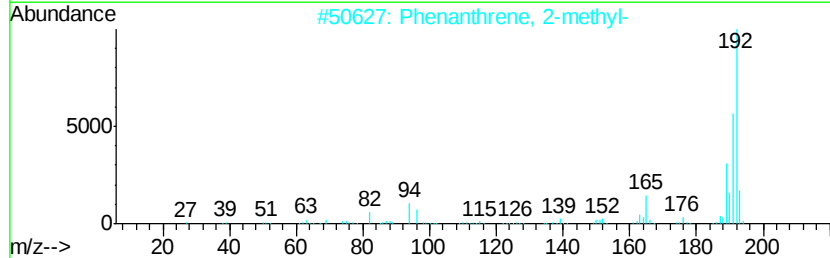
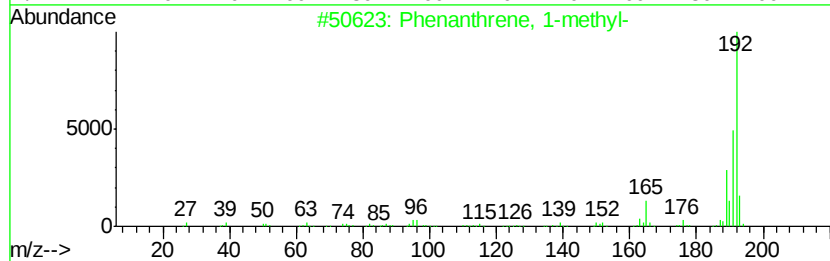
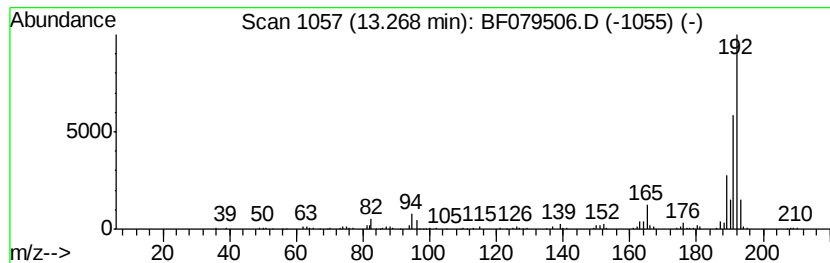
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.27	5.78 ng	275234	Phenanthrene-d10	12.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079506.D
Acq On : 27 May 2015 6:40
Operator : TP/IZ
Sample : G2359-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-29BS

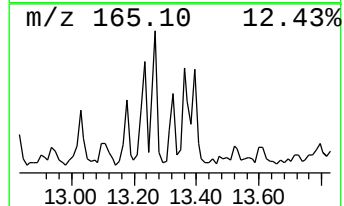
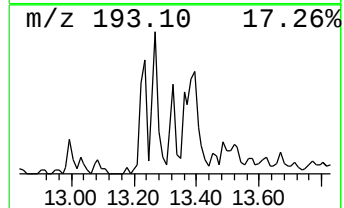
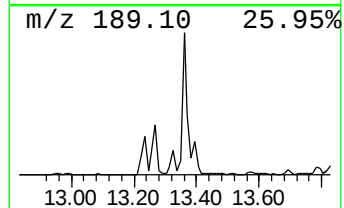
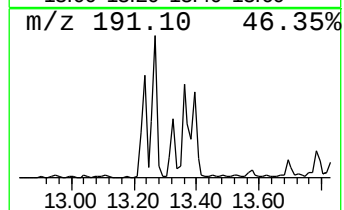
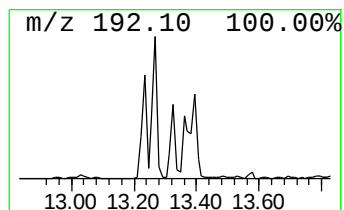
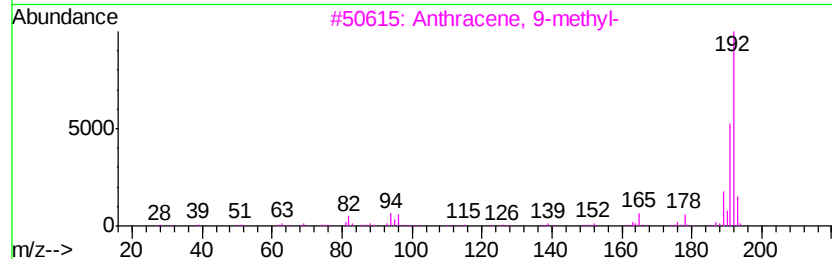
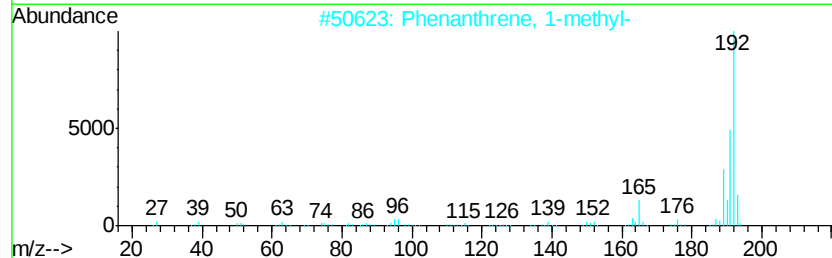
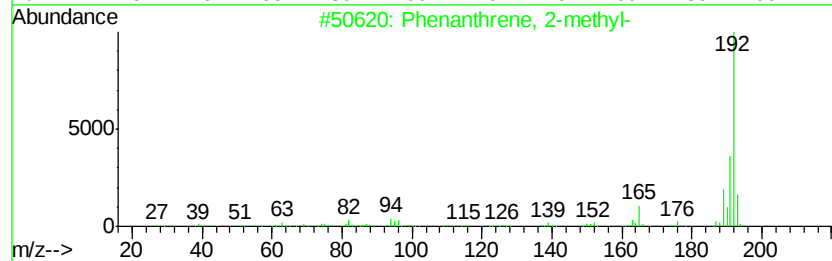
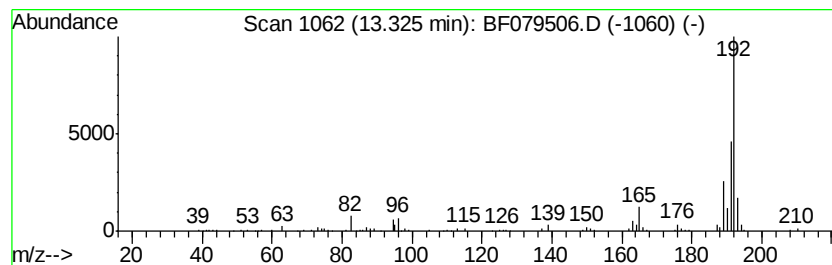
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	3.81 ng	181354	Phenanthrene-d10	12.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079506.D
Acq On : 27 May 2015 6:40
Operator : TP/IZ
Sample : G2359-07
Misc :
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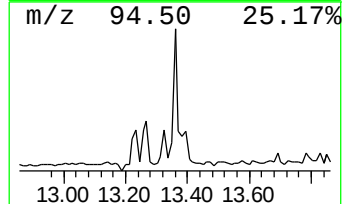
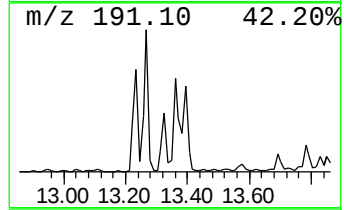
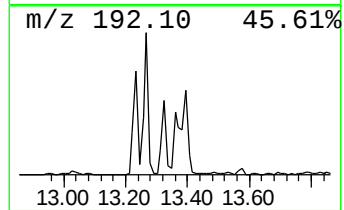
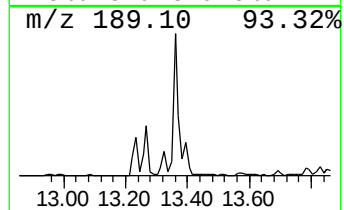
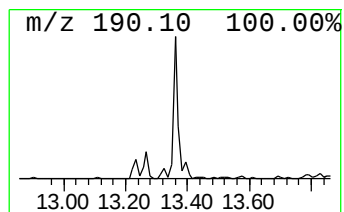
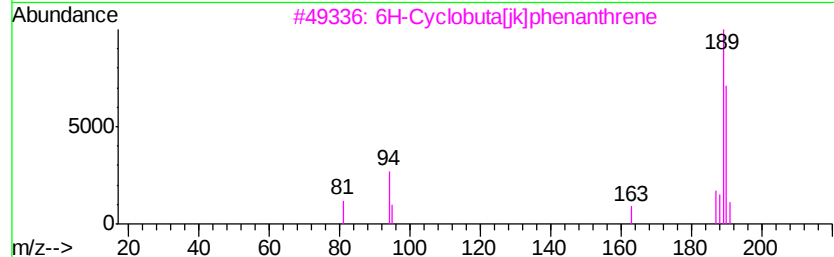
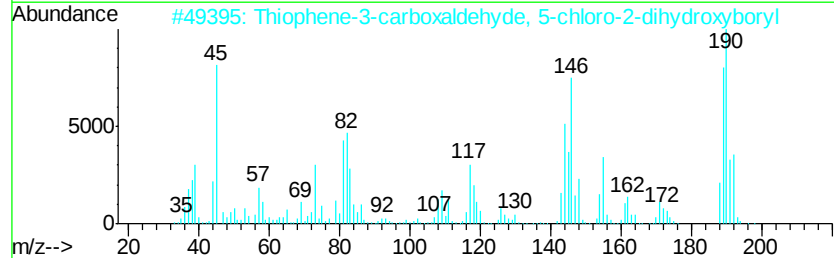
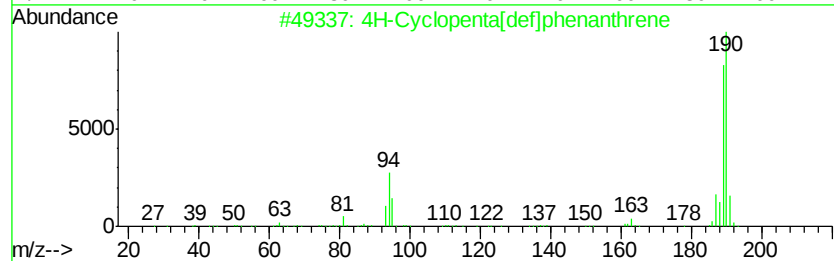
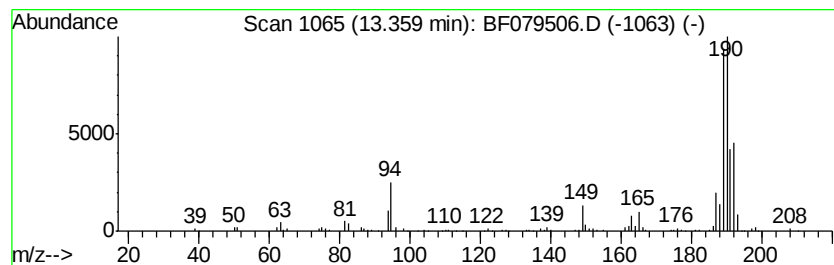
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.36	9.67 ng	460565	Phenanthrene-d10	12.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	42
4	Propanoic acid, 2-(2,4-dichlorop...	378	C15H10Cl4O3	284488-02-4	17
5	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079506.D
Acq On : 27 May 2015 6:40
Operator : TP/IZ
Sample : G2359-07
Misc :
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Instrument :
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ClientSampleId :
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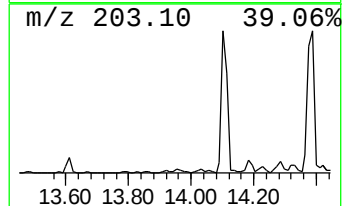
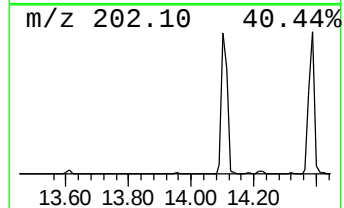
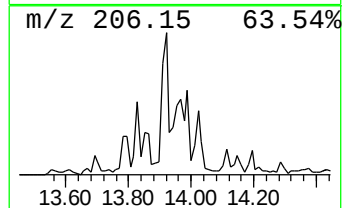
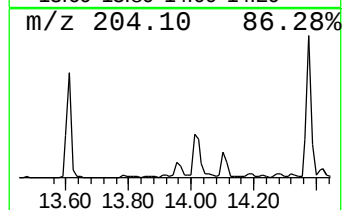
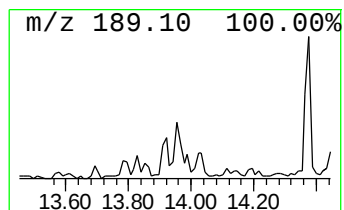
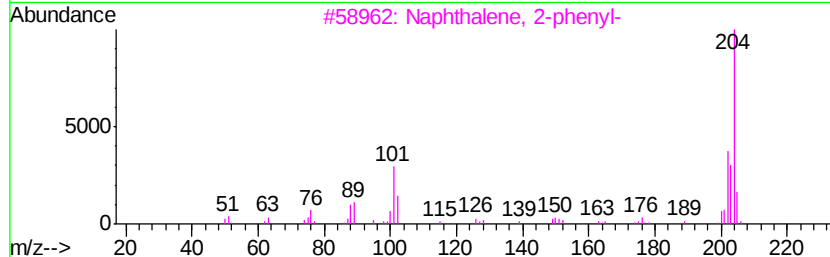
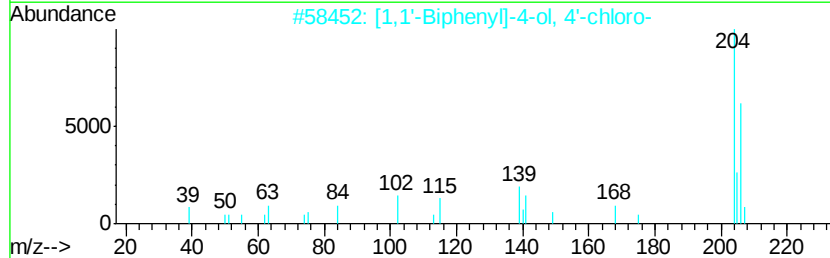
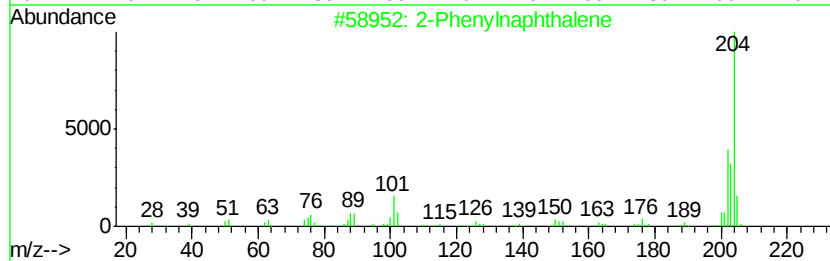
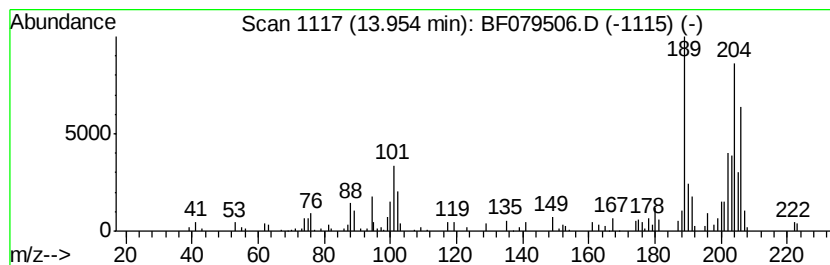
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown13.95 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.88 ng	184743	Phenanthrene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	42
2		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
4		3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	27
5		5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079506.D
Acq On : 27 May 2015 6:40
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Misc :
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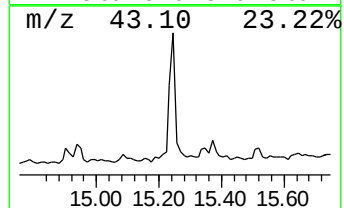
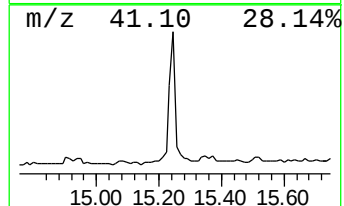
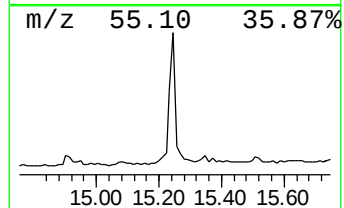
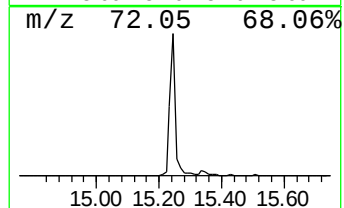
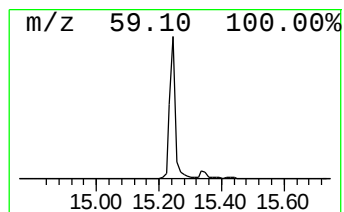
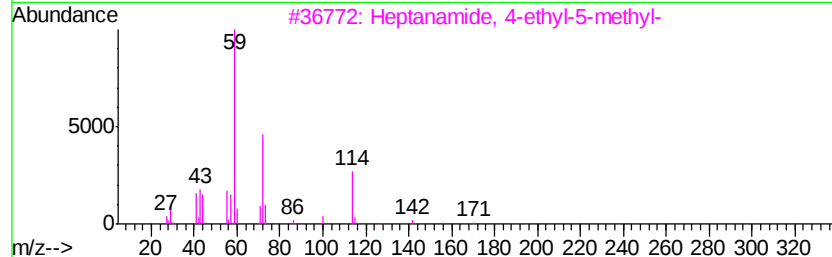
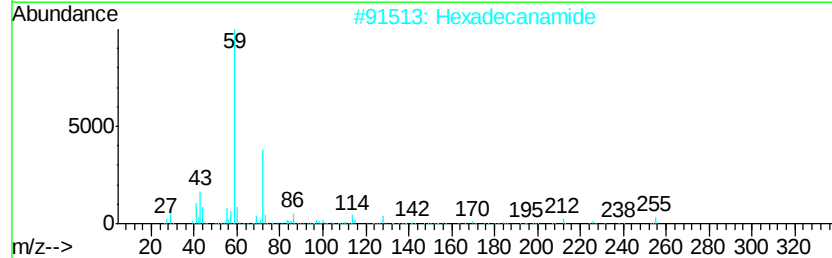
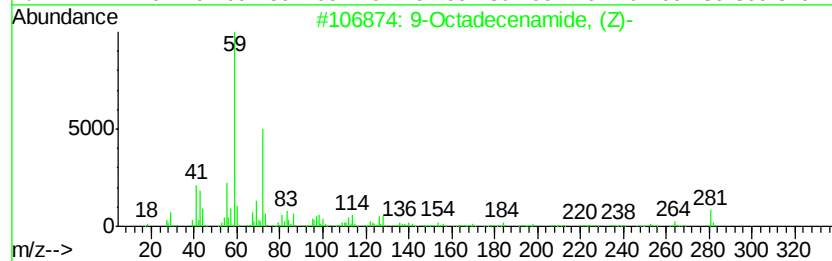
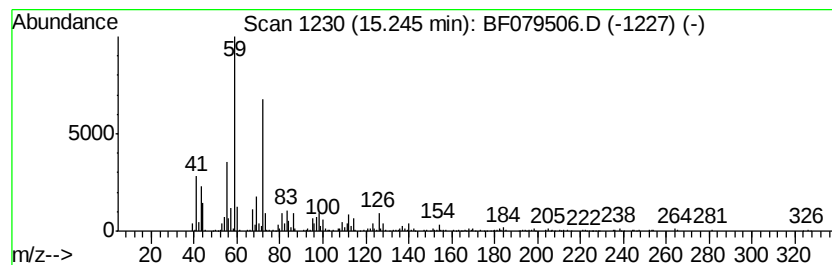
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	4.48 ng	513455	Chrysene-d12	15.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		Hexadecanamide	255	C16H33NO	000629-54-9	72
3		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	64
4		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50
5		2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079506.D
Acq On : 27 May 2015 6:40
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ClientSampleId :
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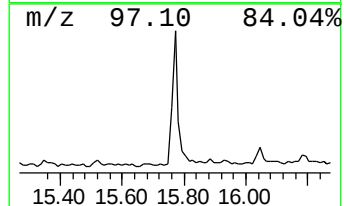
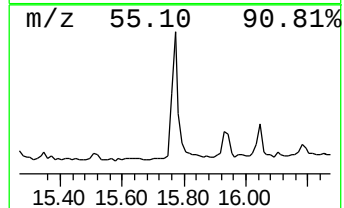
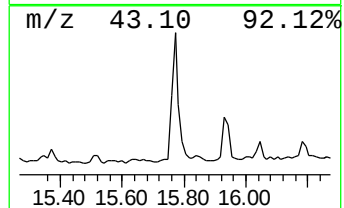
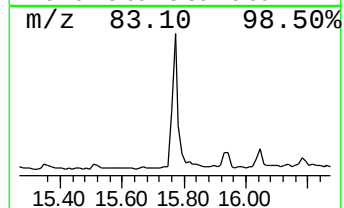
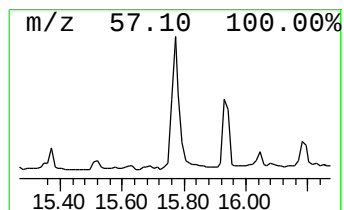
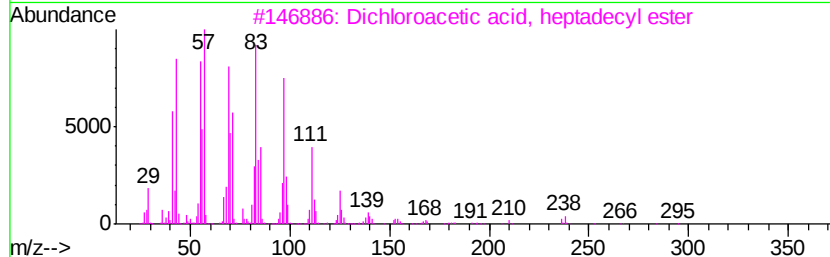
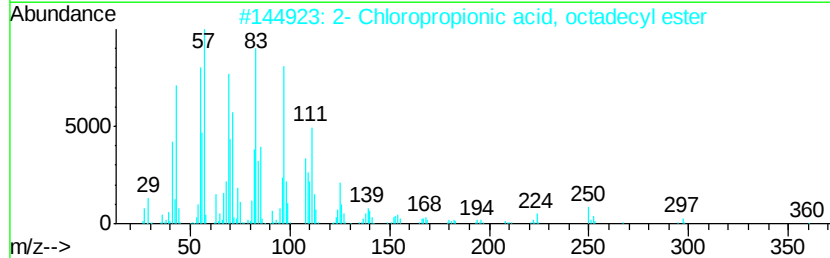
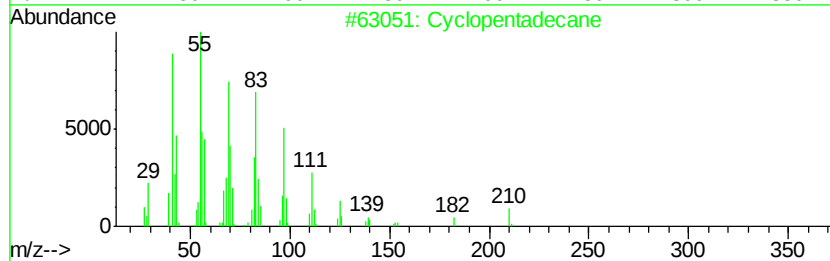
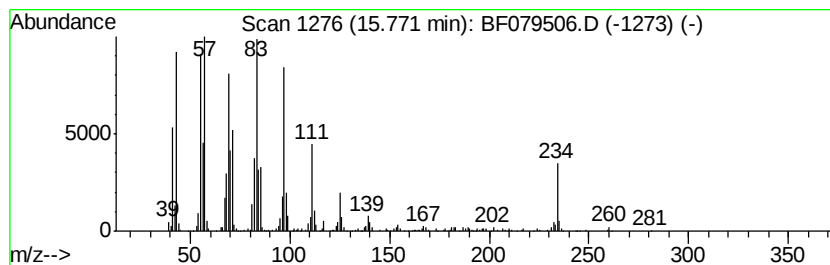
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	4.92 ng	564920	Chrysene-d12	15.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	93
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079506.D
Acq On : 27 May 2015 6:40
Operator : TP/IZ
Sample : G2359-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-29BS

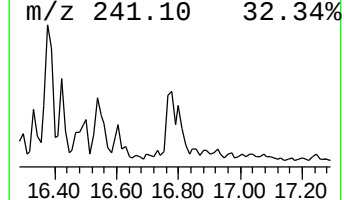
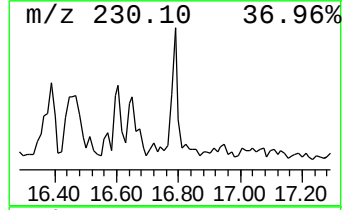
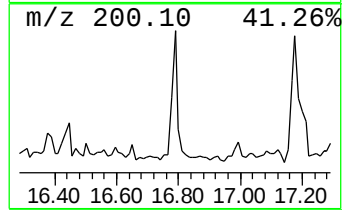
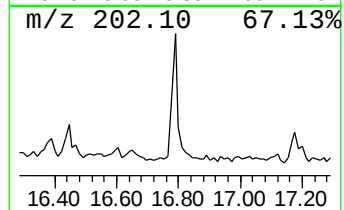
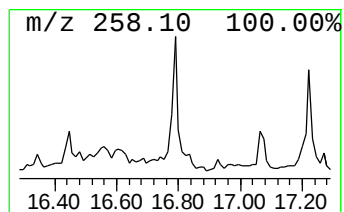
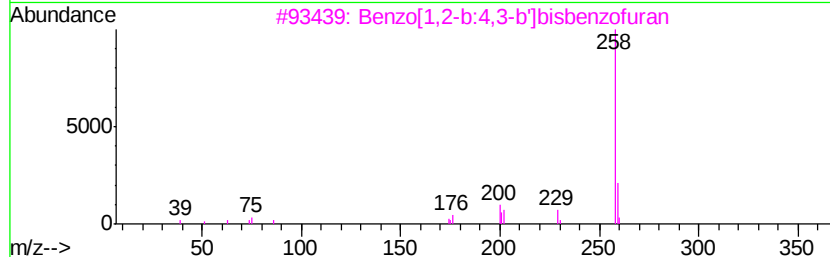
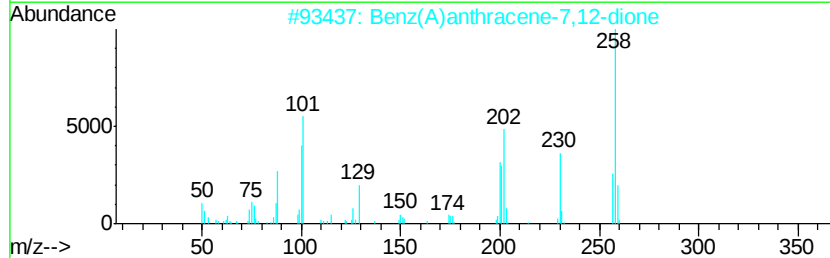
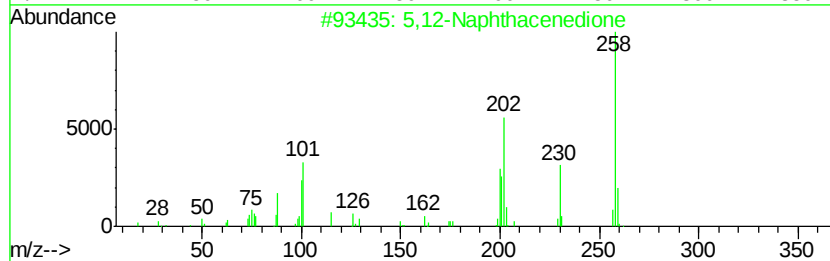
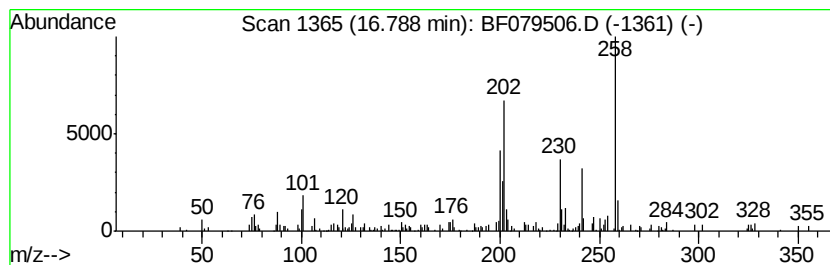
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 5,12-Naphthacenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	4.03 ng	217383	Perylene-d12	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
2		Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	90
3		Benzo[1,2-b:4,3-b']bisbenzofuran	258	C18H10O2	000192-93-8	50
4		Benzo[1,2-b:3,4-b']bisbenzofuran	258	C18H10O2	000198-88-9	40
5		3,4'-Dicarboxydiphenyl ether	258	C14H10O5	062507-84-0	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079506.D
Acq On : 27 May 2015 6:40
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Sample : G2359-07
Misc :
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Instrument :
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ClientSampleId :
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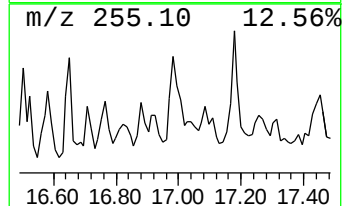
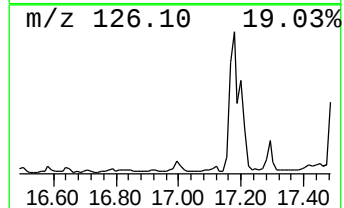
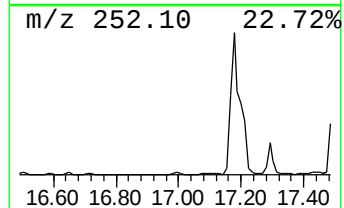
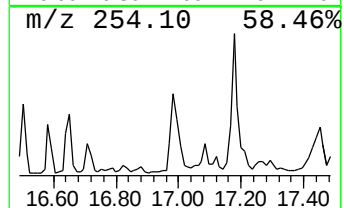
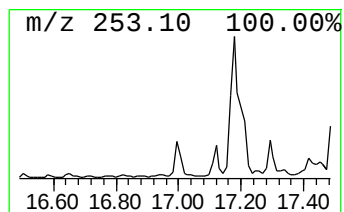
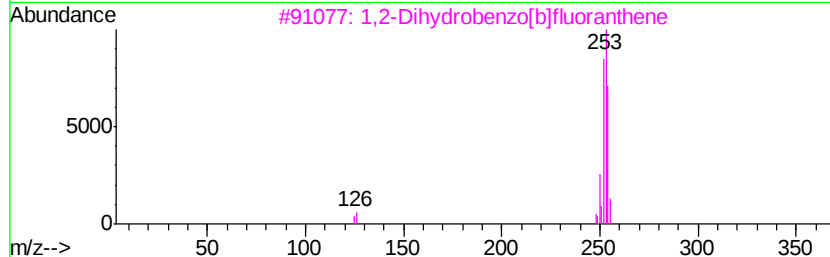
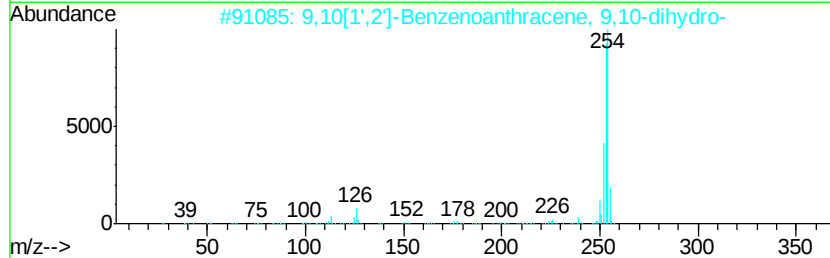
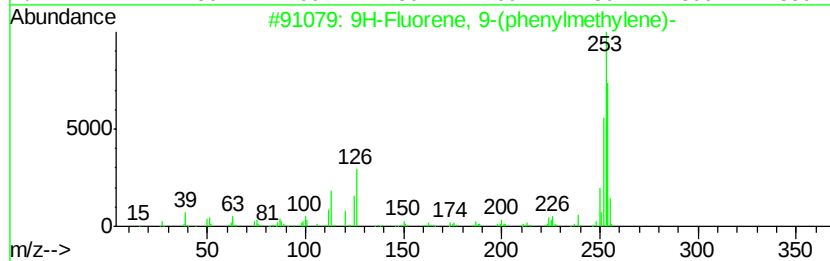
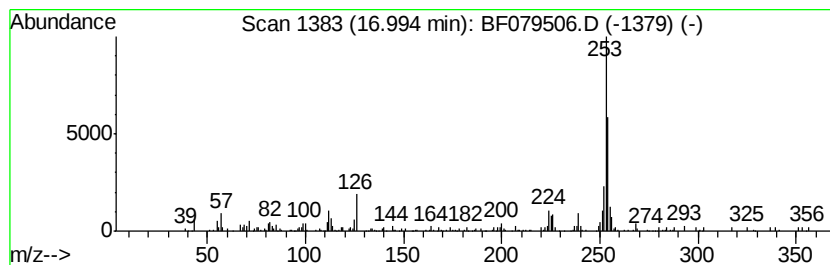
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9H-Fluorene, 9-(phenylmethy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	4.01 ng	216543	Perylene-d12	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-(phenylmethylen)-	254	C20H14	001836-87-9	81
2		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	60
3		1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	58
4		4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	58
5		Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079506.D
Acq On : 27 May 2015 6:40
Operator : TP/IZ
Sample : G2359-07
Misc :
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Instrument :
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ClientSampleId :
SB-29BS

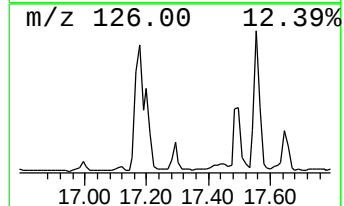
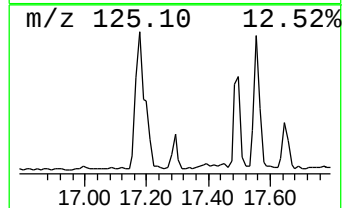
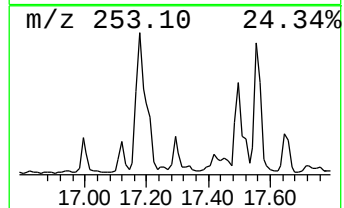
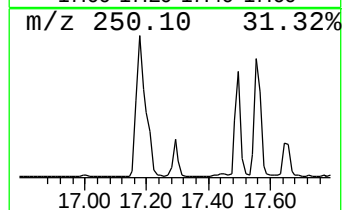
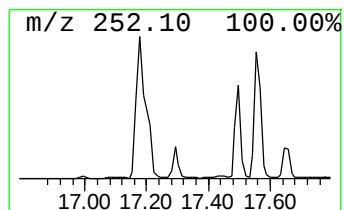
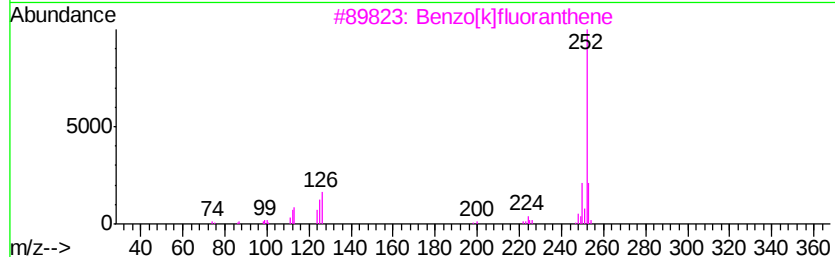
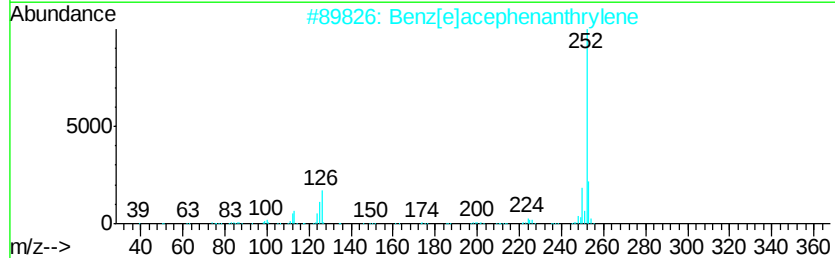
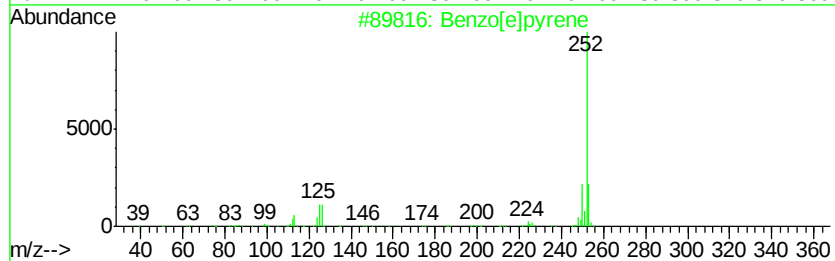
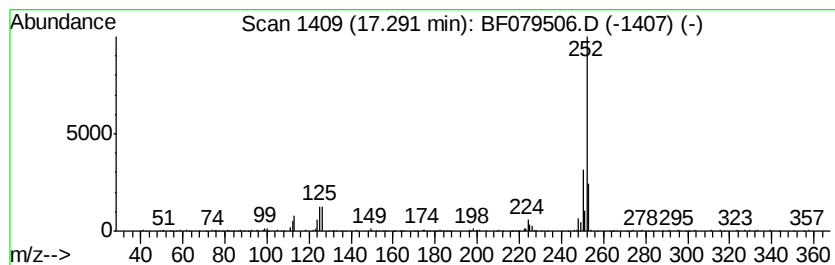
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	3.55 ng	191468	Perylene-d12	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079506.D
Acq On : 27 May 2015 6:40
Operator : TP/IZ
Sample : G2359-07
Misc :
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Instrument :
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ClientSampleId :
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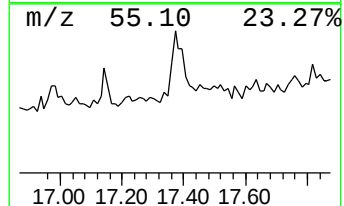
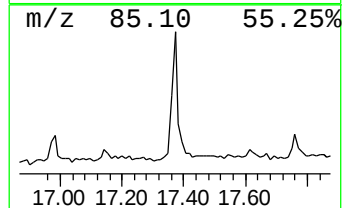
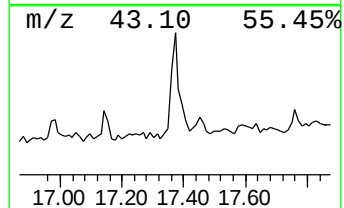
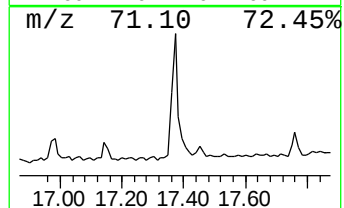
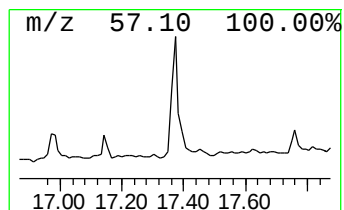
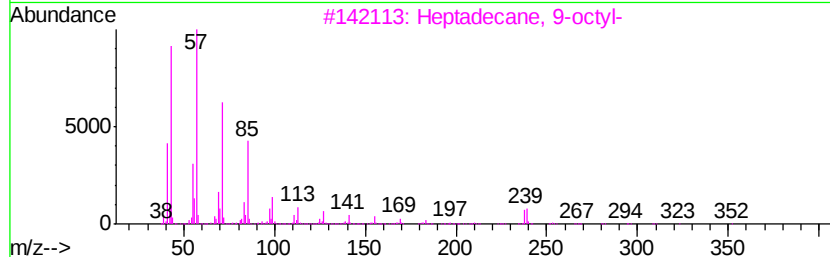
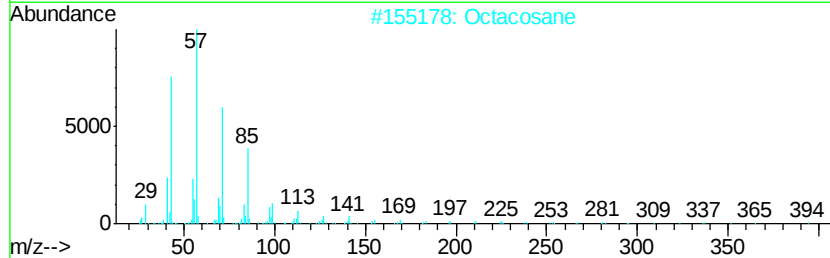
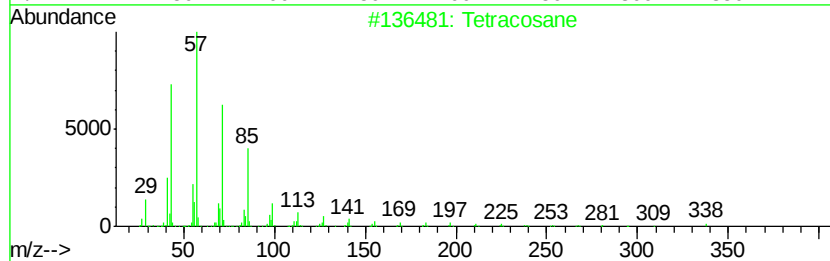
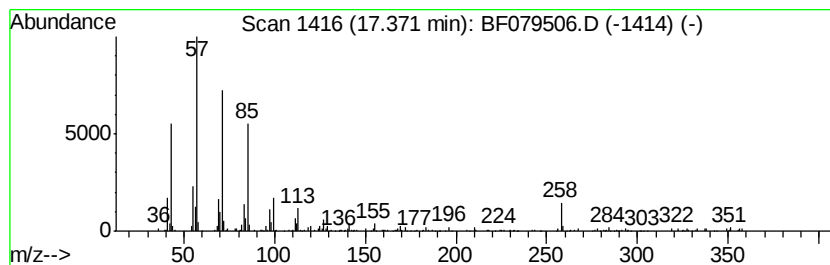
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	4.47 ng	240970	Perylene-d12	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Octacosane	394	C28H58	000630-02-4	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079506.D
Acq On : 27 May 2015 6:40
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Misc :
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Instrument :
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ClientSampleId :
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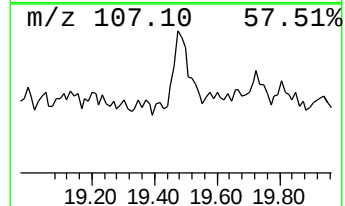
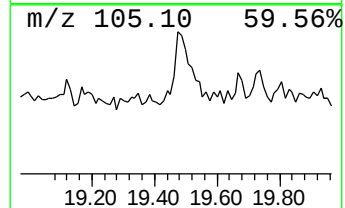
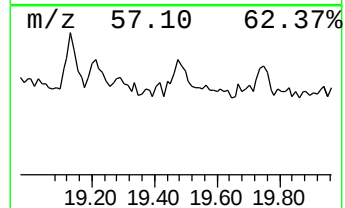
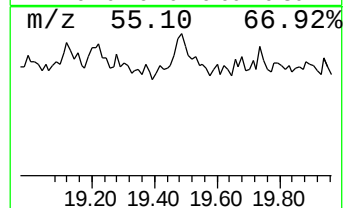
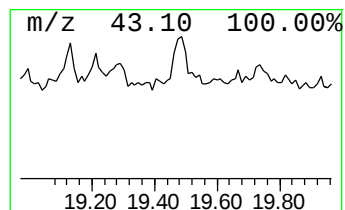
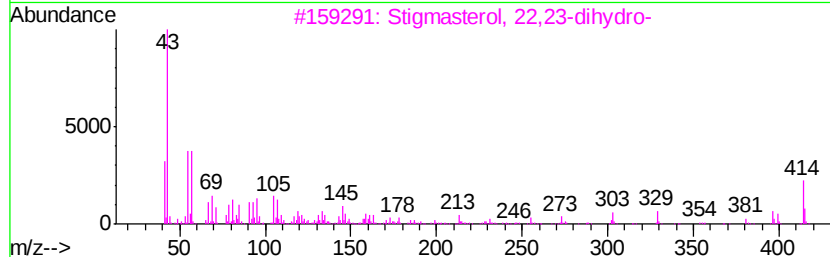
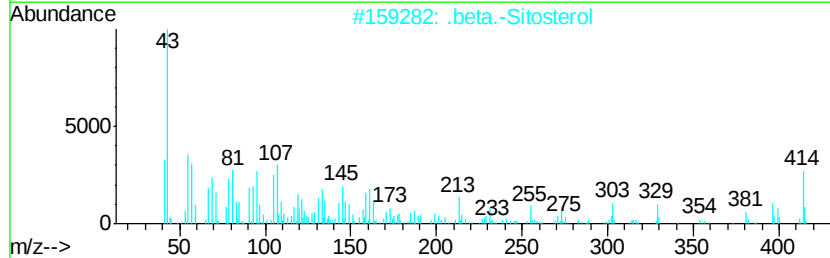
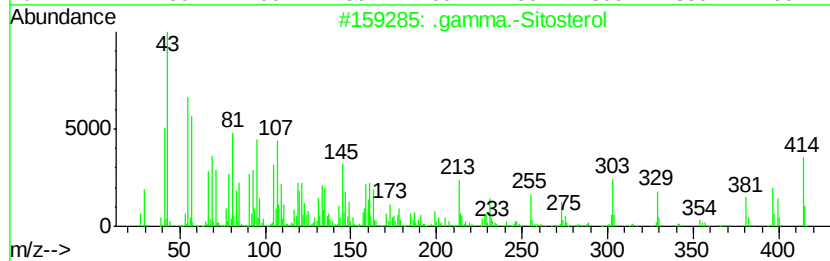
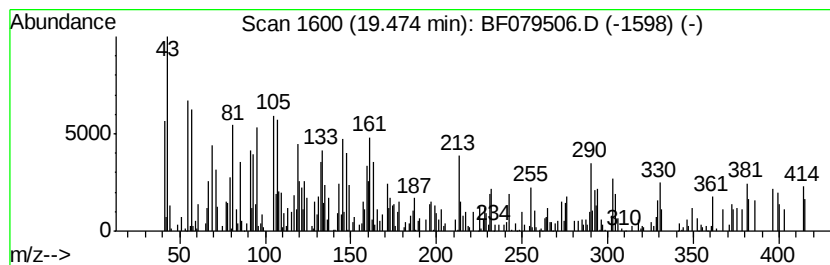
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown19.47 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	3.57 ng	192411	Perylene-d12	17.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	gamma.-	Sitosterol	414	C29H50O	000083-47-6	35
2	.	beta.-	Sitosterol	414	C29H50O	000083-46-5	30
3	Stigmasterol,	22,23-dihydro-		414	C29H50O	1000214-20-7	25
4	Cholest-5-ene,	3-ethoxy-, (3.bet...		414	C29H50O	000986-19-6	15
5	22,26-Oxido-4,17-cholestadien-3....			414	C27H42O3	1000252-80-4	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
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 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
Butane, 2-methoxy...	1.43	11.9	ng	289835	1	7.02	486522	20.0
2-Pentanone, 4-hy...	4.74	8.2	ng	199632	1	7.02	486522	20.0
unknown6.74	6.74	79.3	ng	1928030	1	7.02	486522	20.0
Phenanthrene, 2-m...	13.23	4.3	ng	204642	4	12.61	952531	20.0
Phenanthrene, 1-m...	13.27	5.8	ng	275234	4	12.61	952531	20.0
Anthracene, 9-met...	13.33	3.8	ng	181354	4	12.61	952531	20.0
4H-Cyclopenta[def...	13.36	9.7	ng	460565	4	12.61	952531	20.0
unknown13.95	13.95	3.9	ng	184743	4	12.61	952531	20.0
9-Octadecenamide, ...	15.25	4.5	ng	513455	5	15.89	2294160	20.0
Cyclopentadecane	15.77	4.9	ng	564920	5	15.89	2294160	20.0
5,12-Naphthacened...	16.79	4.0	ng	217383	6	17.62	1079240	20.0
9H-Fluorene, 9-(p...	16.99	4.0	ng	216543	6	17.62	1079240	20.0
Benzo[e]pyrene	17.29	3.5	ng	191468	6	17.62	1079240	20.0
Tetracosane	17.37	4.5	ng	240970	6	17.62	1079240	20.0
unknown19.47	19.47	3.6	ng	192411	6	17.62	1079240	20.0