

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087137.D
 Acq On : 18 May 2016 8:05
 Operator : UM/SJ
 Sample : H2994-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

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-BF051716.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	1.724	10	12	59	rVB	3613923	7475912	100.00%	12.433%
2	4.719	272	274	284	rBV	260272	477465	6.39%	0.794%
3	5.176	312	314	323	rBV	2497550	3192518	42.70%	5.310%
4	6.262	406	409	416	rBV	3307653	3485623	46.62%	5.797%
5	6.364	416	418	421	rVV	3669875	3430817	45.89%	5.706%
6	6.593	435	438	440	rBV	875474	893305	11.95%	1.486%
7	6.742	449	451	454	rBV	2011416	2567116	34.34%	4.269%
8	7.165	486	488	491	rBV	2188636	2174423	29.09%	3.616%
9	7.885	548	551	553	rBV	761943	1167617	15.62%	1.942%
10	8.959	642	645	648	rBV	3502340	3201016	42.82%	5.324%
11	9.359	678	680	683	rBV	315148	318890	4.27%	0.530%
12	9.485	689	691	694	rBV	225523	258233	3.45%	0.429%
13	9.576	697	699	701	rBV	199079	170659	2.28%	0.284%
14	9.633	701	704	706	rBV	768199	1096568	14.67%	1.824%
15	9.828	716	721	723	rBV2	55533	129415	1.73%	0.215%
16	10.068	740	742	744	rVB	178471	188473	2.52%	0.313%
17	10.285	758	761	764	rBV	80748	123160	1.65%	0.205%
18	10.422	770	773	775	rBV2	1342268	1791133	23.96%	2.979%
19	10.548	781	784	787	rBV	173826	289178	3.87%	0.481%
20	10.868	809	812	815	rVB3	46243	83987	1.12%	0.140%
21	10.993	821	823	827	rVB2	71972	153699	2.06%	0.256%
22	11.108	830	833	837	rBV2	856155	1311170	17.54%	2.181%
23	11.176	837	839	841	rVB	196389	213117	2.85%	0.354%
24	11.348	851	854	858	rBV	114362	200457	2.68%	0.333%
25	11.611	874	877	878	rBV	74041	115336	1.54%	0.192%
26	11.634	878	879	880	rVV	155693	128474	1.72%	0.214%
27	11.714	884	886	891	rVB	220022	334088	4.47%	0.556%
28	11.816	891	895	899	rBV3	63910	167887	2.25%	0.279%
29	11.896	899	902	904	rBV4	71866	118829	1.59%	0.198%
30	11.931	904	905	907	rVB	142833	125809	1.68%	0.209%
31	12.148	922	924	926	rBV	105092	156691	2.10%	0.261%
32	12.194	926	928	931	rVV2	64397	146186	1.96%	0.243%
33	12.239	931	932	936	rVB	144811	156482	2.09%	0.260%
34	12.308	936	938	941	rBV	1208722	1592148	21.30%	2.648%

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35	12.411	945	947	948	rVB	104343	105743	1.41%	0.176%
36	12.457	948	951	952	rBV2	105298	124294	1.66%	0.207%
37	12.537	955	958	961	rBV	1478632	1643876	21.99%	2.734%
38	12.594	961	963	967	rVB2	91522	165831	2.22%	0.276%
39	12.685	969	971	974	rVB	1758697	2266278	30.31%	3.769%
40	12.765	974	978	980	rBV2	141497	209740	2.81%	0.349%
41	12.868	982	987	989	rVB2	263116	462480	6.19%	0.769%
42	12.937	989	993	994	rBV	162932	239547	3.20%	0.398%
43	12.971	994	996	1000	rVB	244571	295079	3.95%	0.491%
44	13.062	1002	1004	1005	rVB	121372	104985	1.40%	0.175%
45	13.097	1005	1007	1011	rBV4	82271	139010	1.86%	0.231%
46	13.234	1017	1019	1020	rBV2	45932	84538	1.13%	0.141%
47	13.268	1020	1022	1028	rVB5	62603	149350	2.00%	0.248%
48	13.382	1028	1032	1035	rBV	232355	358737	4.80%	0.597%
49	13.485	1038	1041	1042	rBV	248839	291139	3.89%	0.484%
50	13.588	1048	1050	1051	rBV	219949	183028	2.45%	0.304%
51	13.622	1051	1053	1059	rVB2	193902	419171	5.61%	0.697%
52	13.737	1059	1063	1069	rBV3	1174529	3177059	42.50%	5.284%
53	13.885	1075	1076	1077	rBV	95049	85253	1.14%	0.142%
54	14.125	1092	1097	1098	rBV	216562	441097	5.90%	0.734%
55	14.160	1098	1100	1102	rVV3	89226	187730	2.51%	0.312%
56	14.217	1102	1105	1106	rVV3	101550	141494	1.89%	0.235%
57	14.434	1122	1124	1128	rBV4	82466	182866	2.45%	0.304%
58	14.514	1128	1131	1133	rBV3	67809	136830	1.83%	0.228%
59	14.594	1136	1138	1141	rVB2	132156	172049	2.30%	0.286%
60	14.731	1147	1150	1154	rBV	1185897	2194107	29.35%	3.649%
61	14.822	1154	1158	1160	rVB2	296319	419255	5.61%	0.697%
62	14.914	1163	1166	1167	rBV2	59291	119658	1.60%	0.199%
63	14.994	1170	1173	1175	rVB	498643	758462	10.15%	1.261%
64	15.040	1175	1177	1180	rBV	712591	869919	11.64%	1.447%
65	15.097	1180	1182	1183	rBV	690018	769631	10.29%	1.280%
66	15.291	1197	1199	1201	rVB	119057	154772	2.07%	0.257%
67	15.485	1213	1216	1219	rVB2	119389	188241	2.52%	0.313%
68	15.577	1221	1224	1229	rVB4	79179	210001	2.81%	0.349%
69	16.023	1261	1263	1265	rBV	62070	102585	1.37%	0.171%
70	16.137	1270	1273	1277	rBV4	93290	279424	3.74%	0.465%
71	16.331	1287	1290	1298	rVB	343016	830217	11.11%	1.381%

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72	16.480	1301	1303	1306	rBV2	81774	218477	2.92%	0.363%
73	16.708	1320	1323	1330	rVB	239483	477864	6.39%	0.795%
74	16.834	1330	1334	1338	rBV4	183000	463103	6.19%	0.770%
75	16.948	1341	1344	1348	rVB	246698	504432	6.75%	0.839%
76	17.257	1366	1371	1377	rVB	452381	1292464	17.29%	2.150%
77	17.623	1400	1403	1408	rBV6	51605	161589	2.16%	0.269%
78	17.988	1431	1435	1447	rVB3	193561	689913	9.23%	1.147%
79	18.594	1484	1488	1494	rVB2	65802	220228	2.95%	0.366%

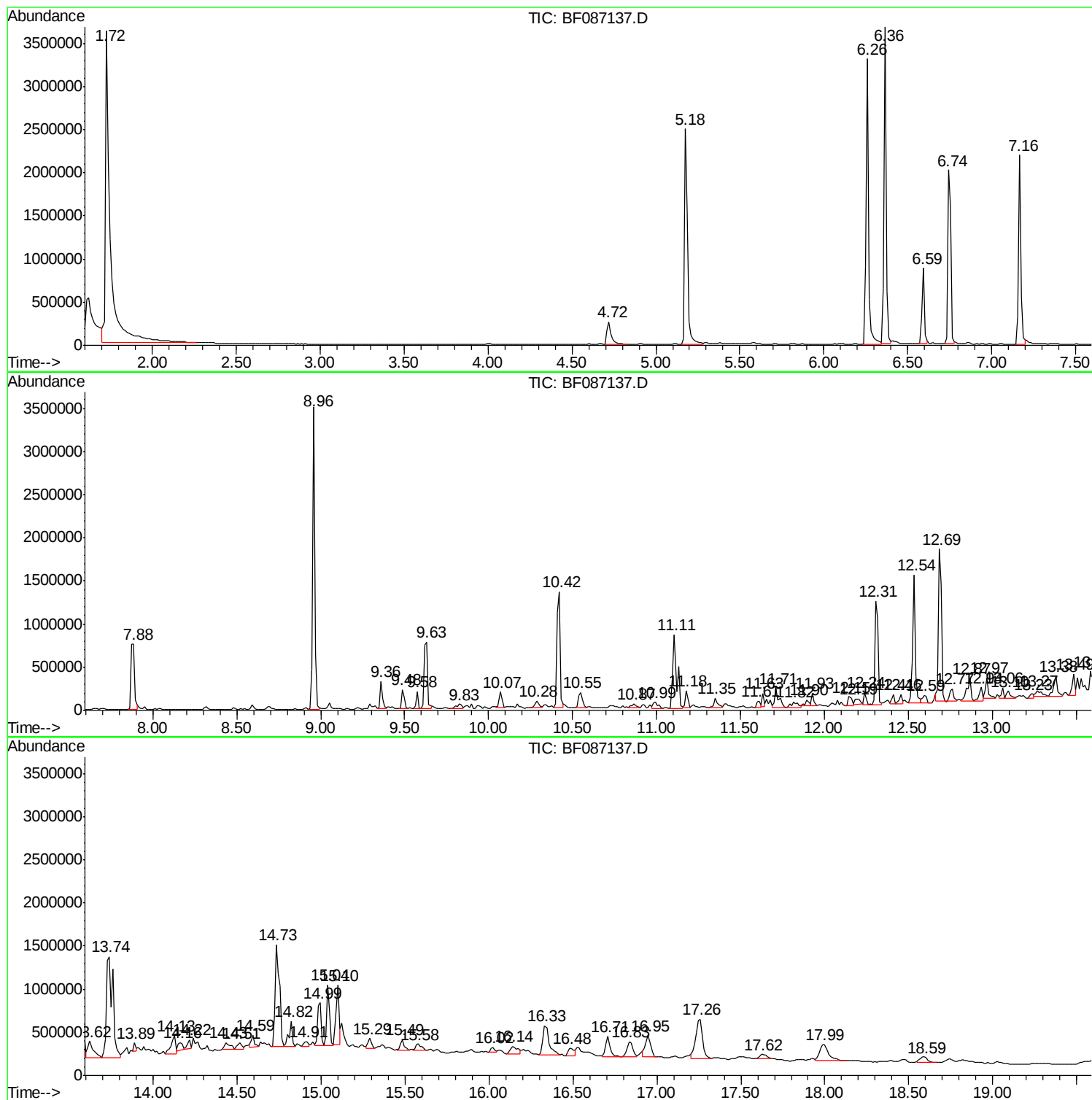
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SPARTAPARK-1542-00(0-2)RE

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.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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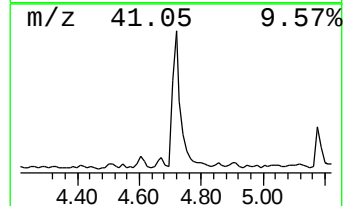
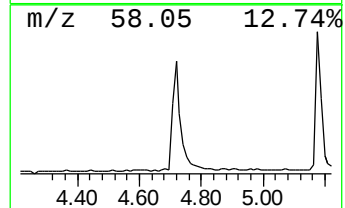
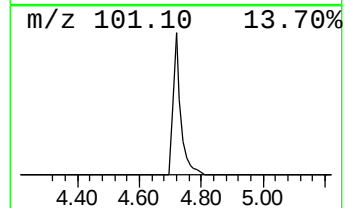
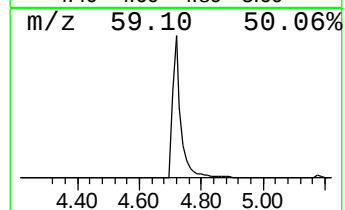
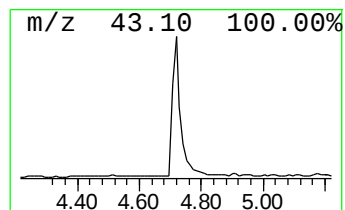
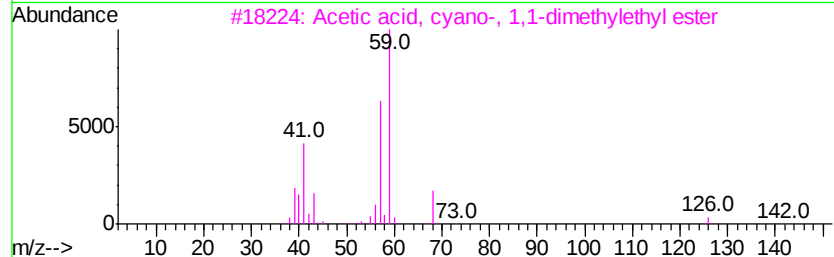
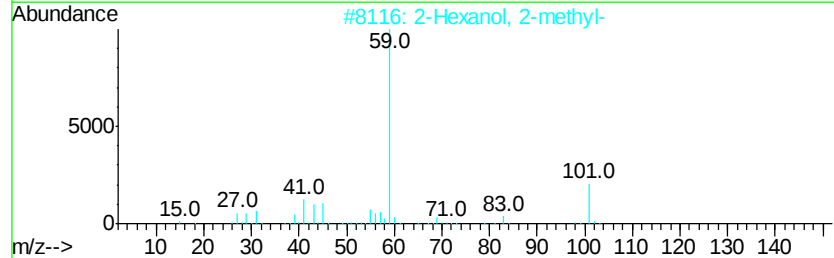
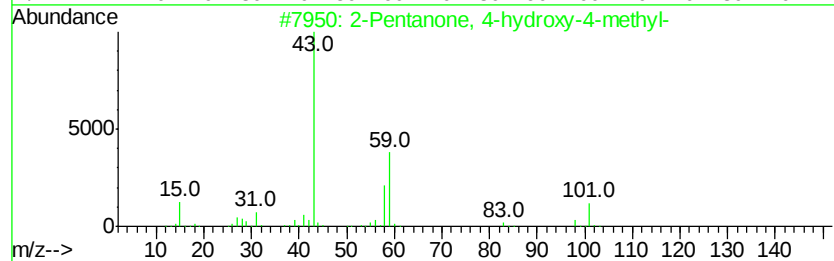
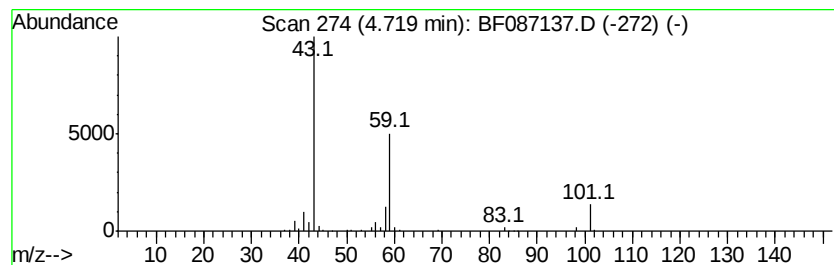
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	10.69 ng	477465	1,4-Dichlorobenzene-d4	6.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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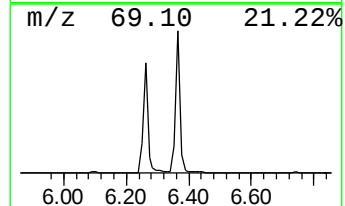
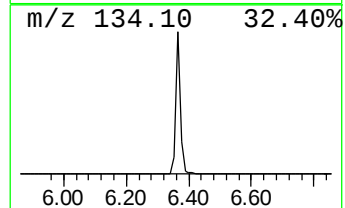
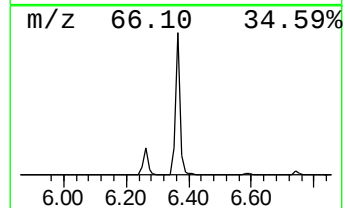
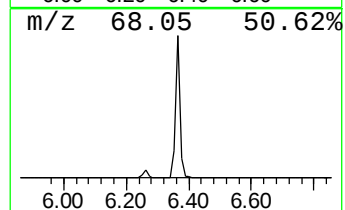
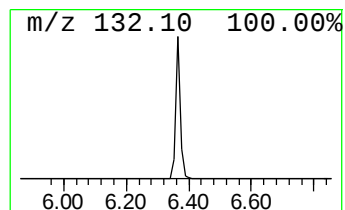
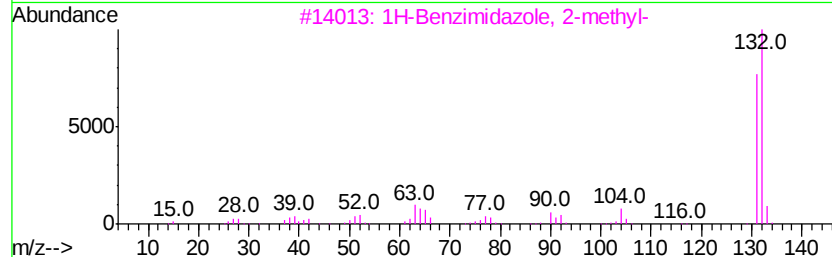
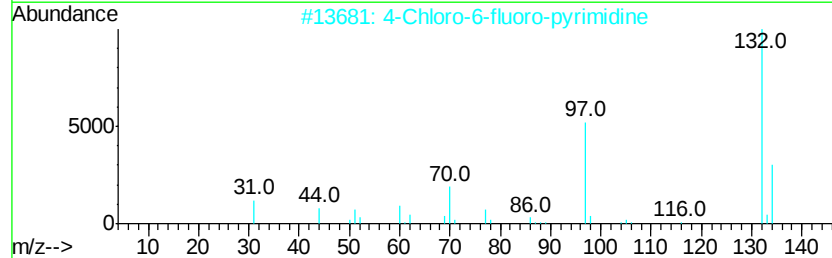
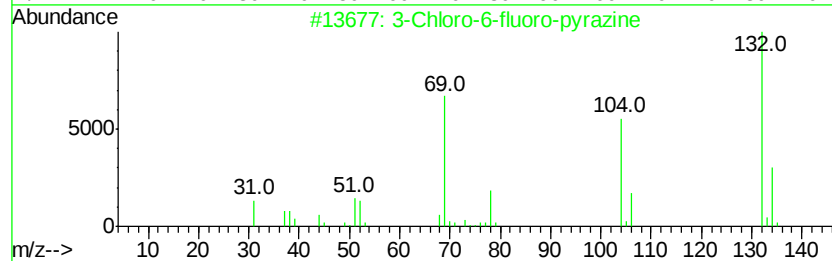
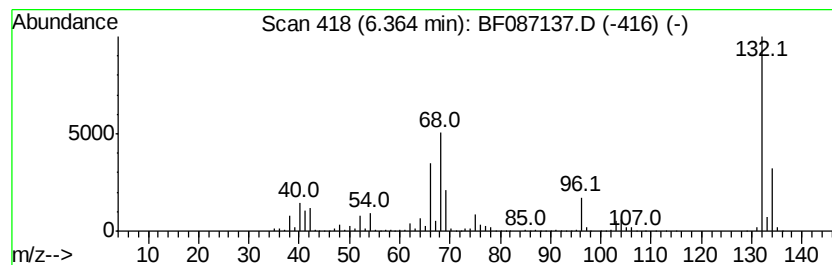
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	76.81 ng	3430820	1,4-Dichlorobenzene-d4	6.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16



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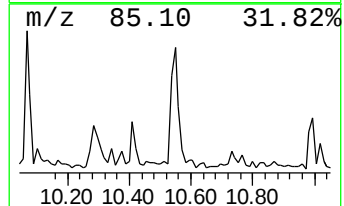
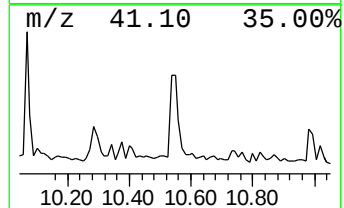
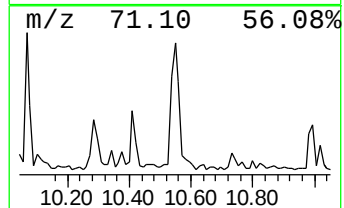
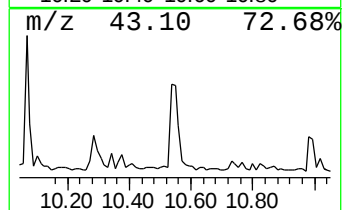
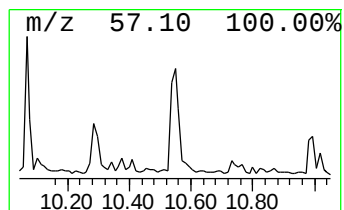
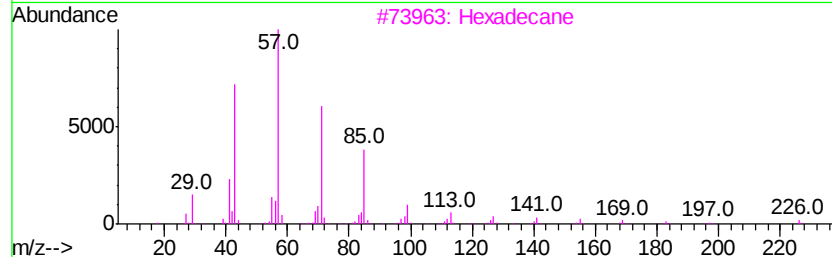
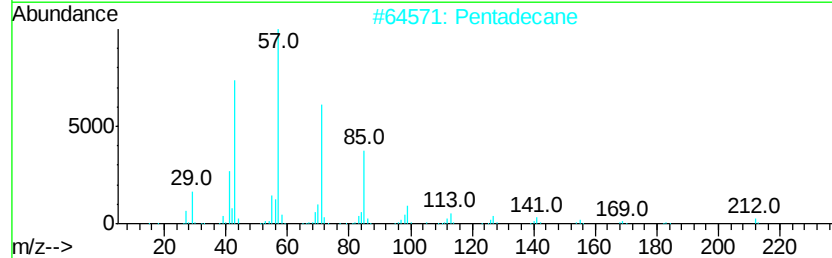
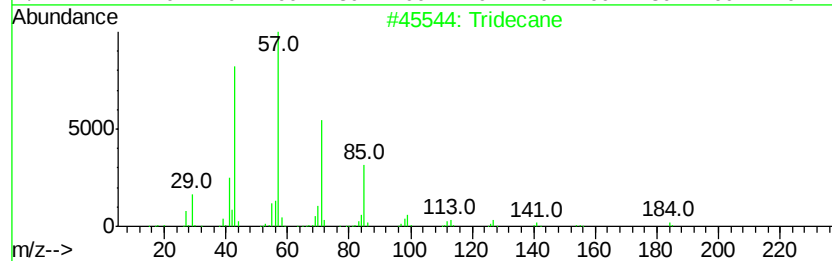
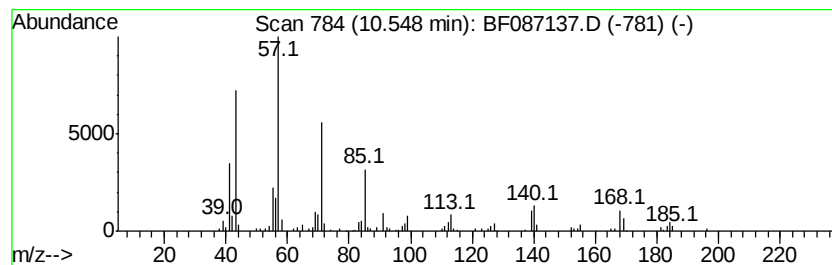
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	4.41 ng	289178	Phenanthrene-d10	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	64
2	Pentadecane		212	C15H32	000629-62-9	58
3	Hexadecane		226	C16H34	000544-76-3	58
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	58
5	Octacosane		394	C28H58	000630-02-4	52



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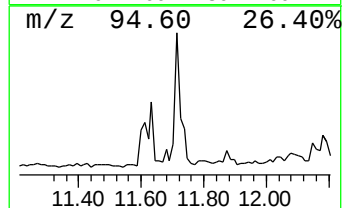
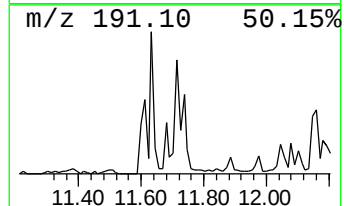
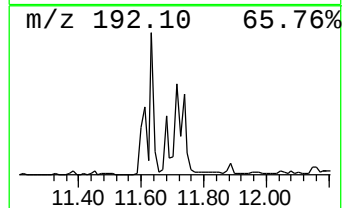
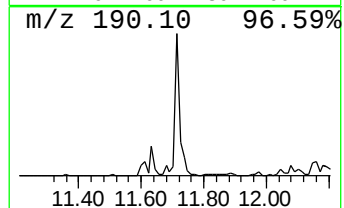
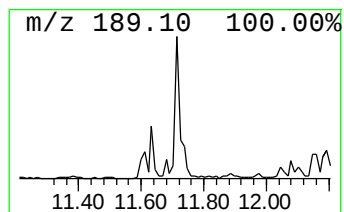
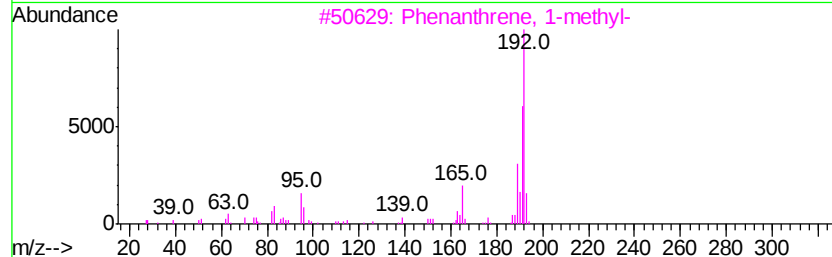
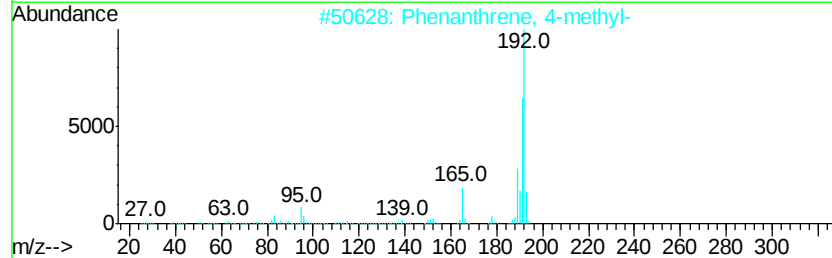
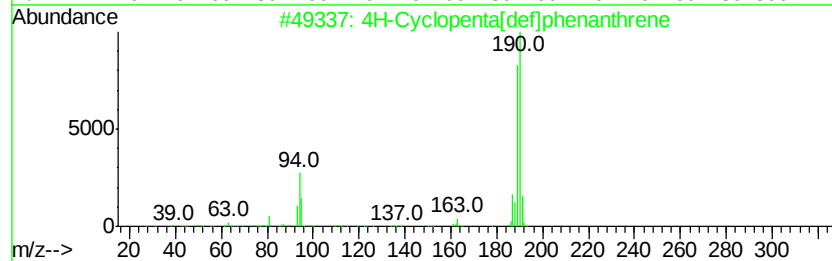
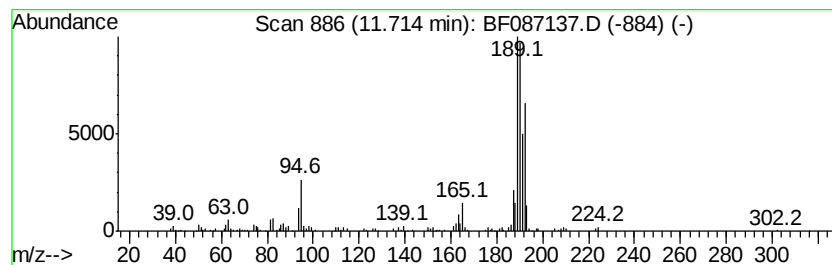
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	5.10 ng	334088	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
5		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087137.D
Acq On : 18 May 2016 8:05
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

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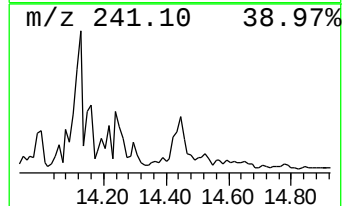
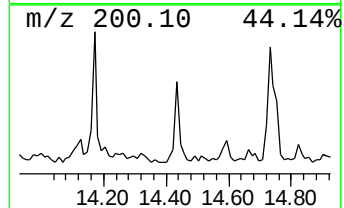
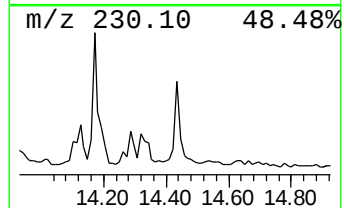
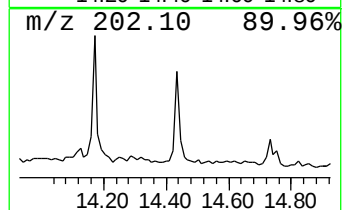
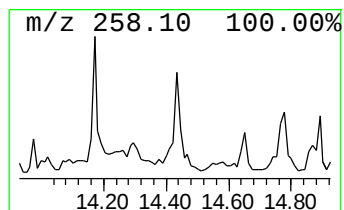
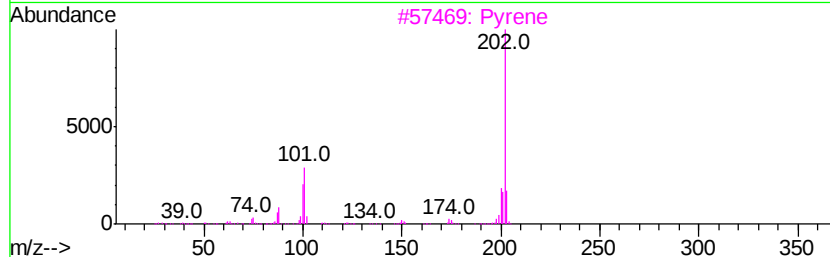
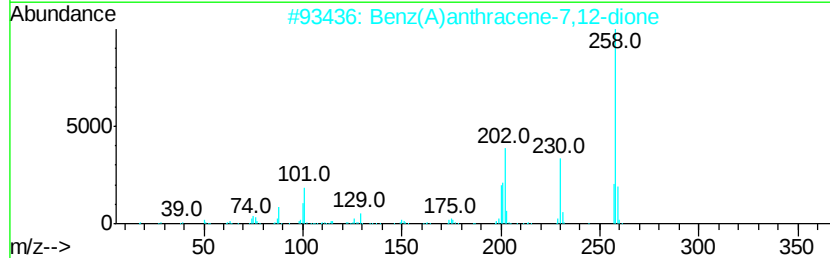
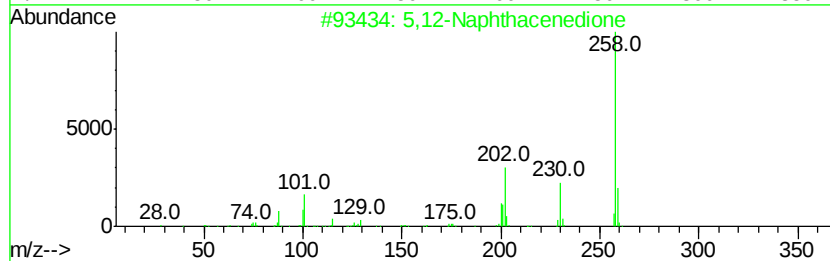
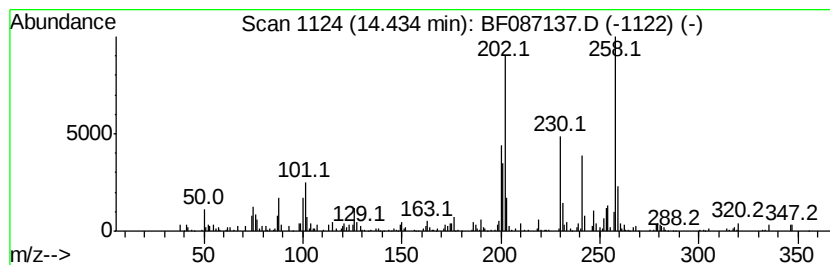
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5,12-Naphthacenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	4.75 ng	182866	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
2		Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
3		Pvrene	202	C16H10	000129-00-0	60
4		1,4-Chrysenequinone	258	C18H10O2	100900-16-1	38
5		Fluoranthene	202	C16H10	000206-44-0	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
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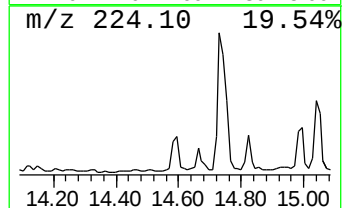
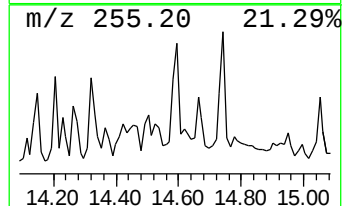
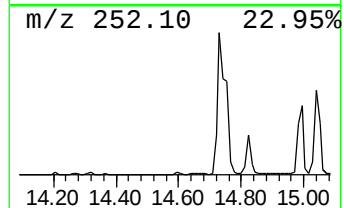
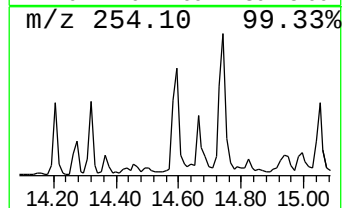
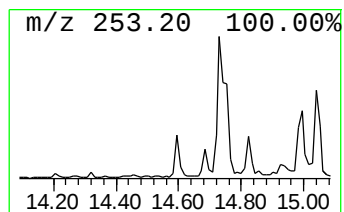
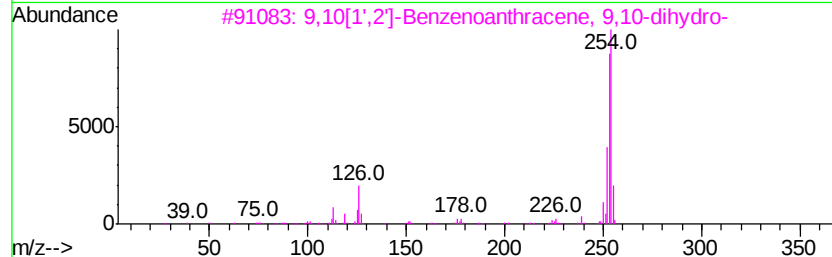
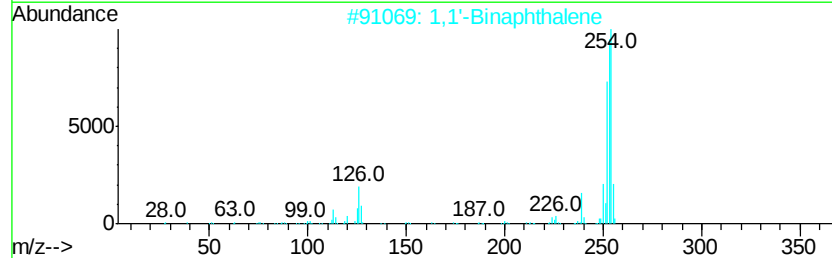
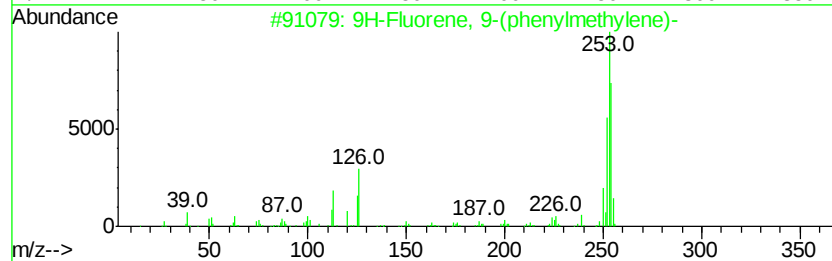
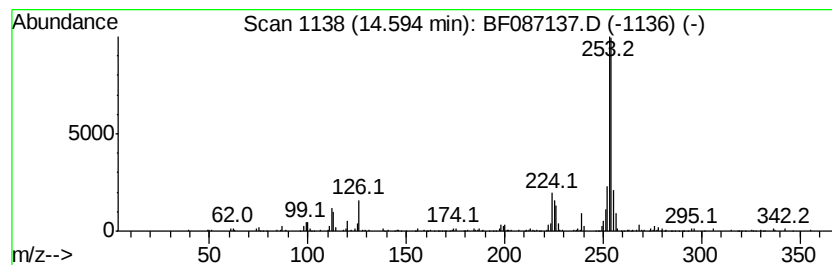
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluorene, 9-(phenylmethy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.59	4.47 ng	172049	Perylene-d12	15.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylen)-	254	C20H14	001836-87-9	81
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	68
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	64
5	1H-1,2,4-Triazole-5(4H)-thione, ...	254	C13H10N4S	057600-03-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
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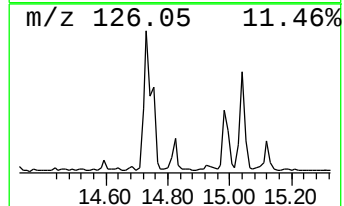
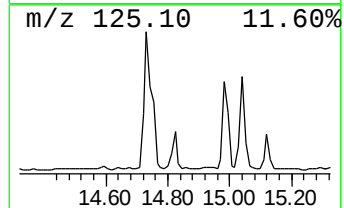
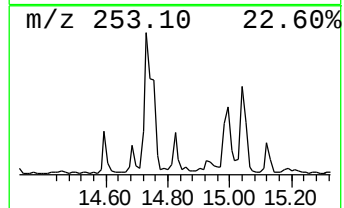
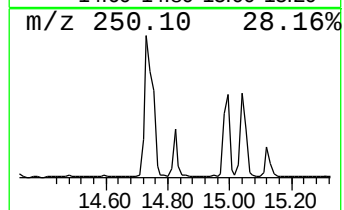
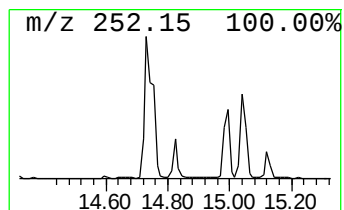
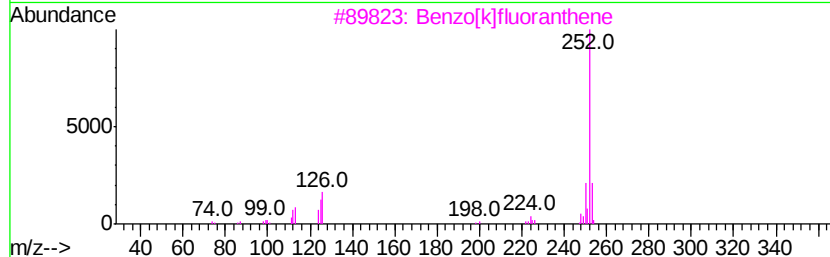
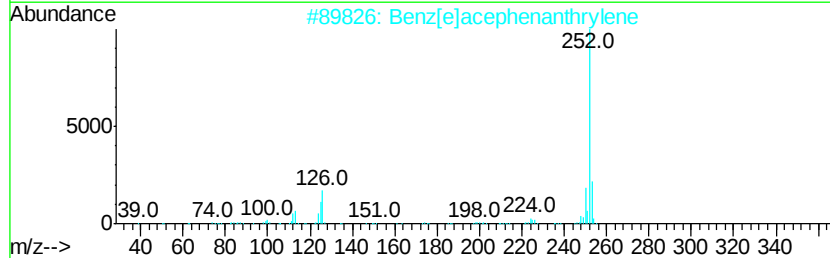
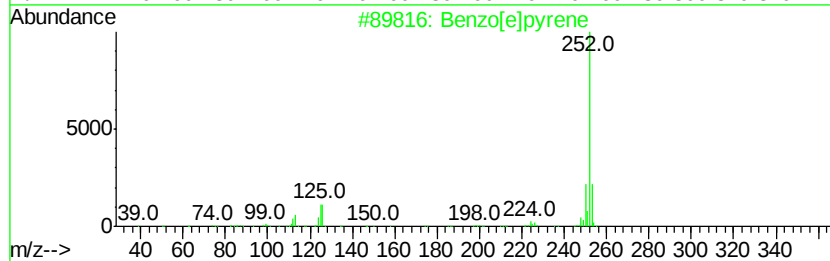
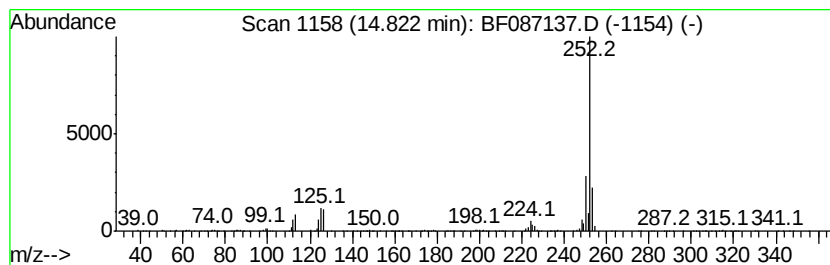
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	10.90 ng	419255	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	98
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4		Benzo[a]pyrene	252	C20H12	000050-32-8	97
5		Perylene	252	C20H12	000198-55-0	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087137.D
Acq On : 18 May 2016 8:05
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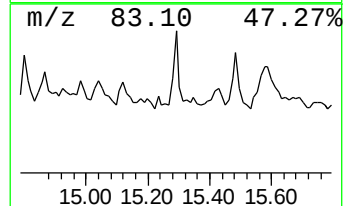
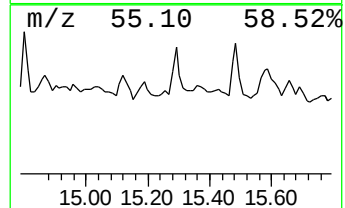
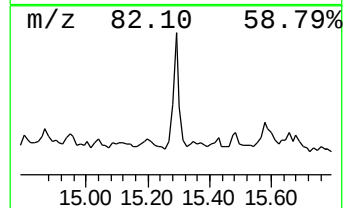
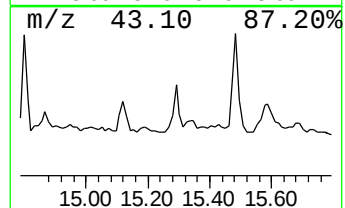
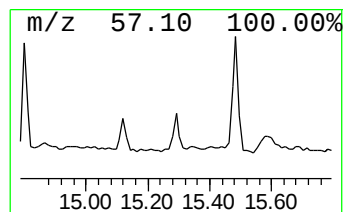
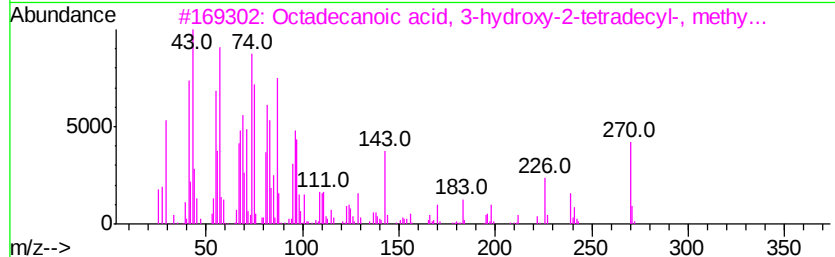
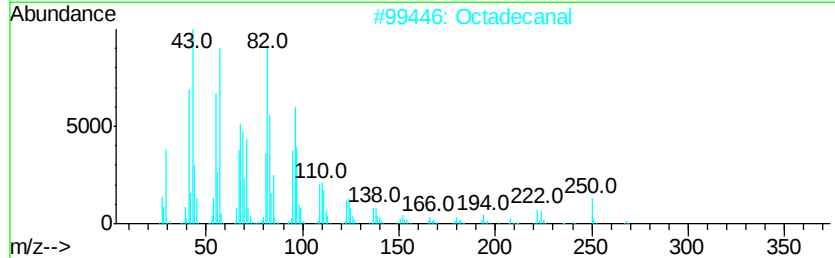
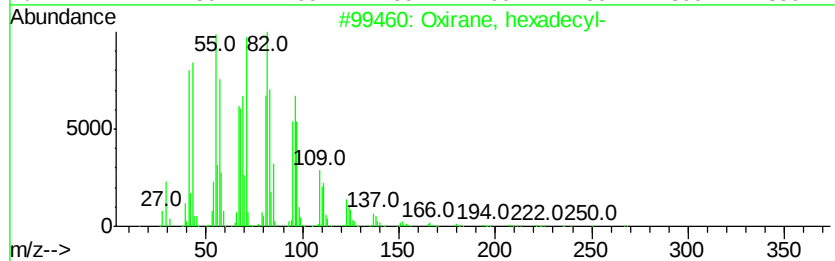
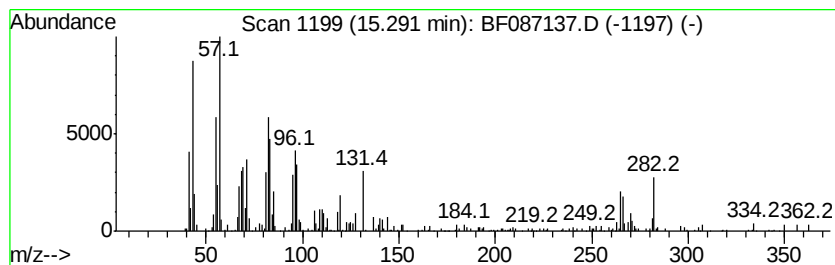
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Oxirane, hexadecyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	4.02 ng	154772	Perylene-d12	15.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	58
2			Octadecanal	268	C18H36O	000638-66-4	52
3			Octadecanoic acid, 3-hydroxy-2-tetradecyl-, methyl ester	511	C33H66O3	018951-36-5	50
4			Z-10-Pentadecen-1-ol	226	C15H30O	1000245-48-5	43
5			1,15-Pentadecanediol	244	C15H32O2	014722-40-8	38



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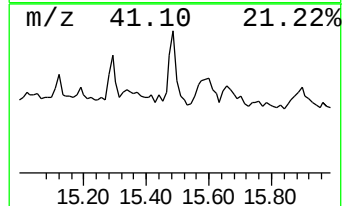
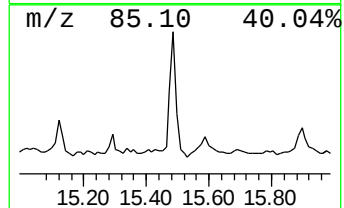
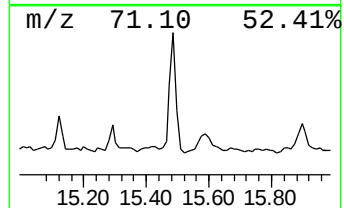
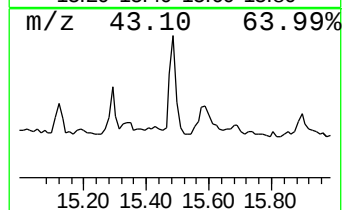
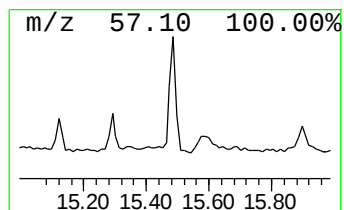
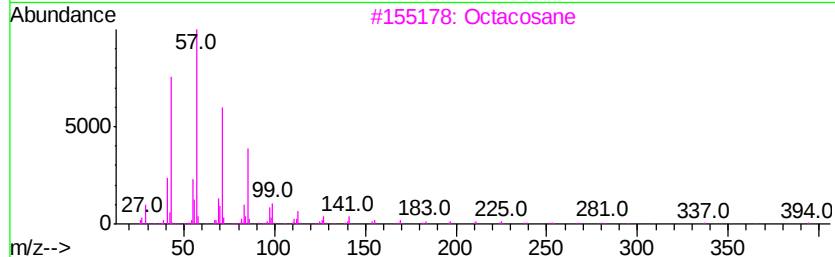
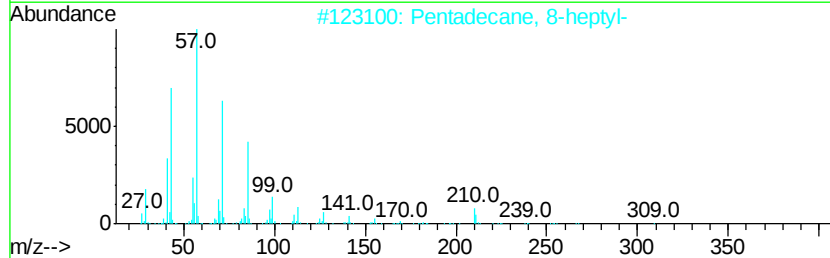
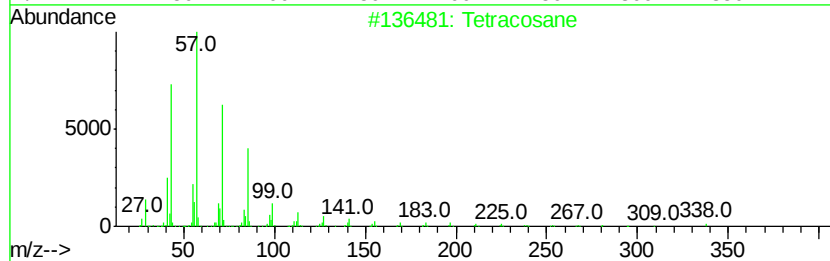
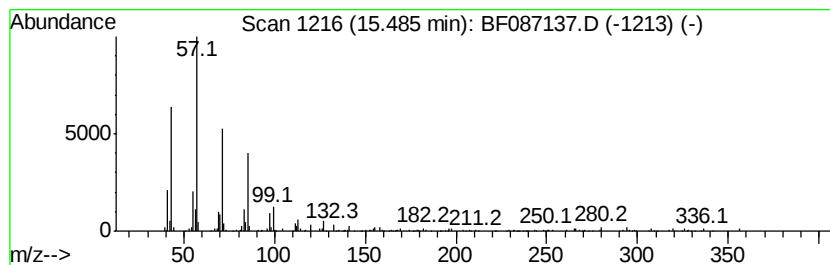
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	4.89 ng	188241	Perylene-d12	15.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	87
2			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
3			Octacosane	394	C28H58	000630-02-4	86
4			Tetratriacontane	479	C34H70	014167-59-0	86
5			Nonadecane	268	C19H40	000629-92-5	81



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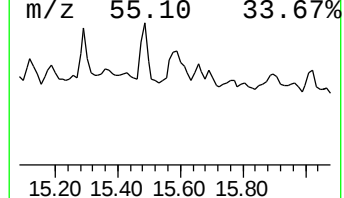
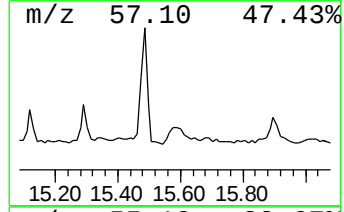
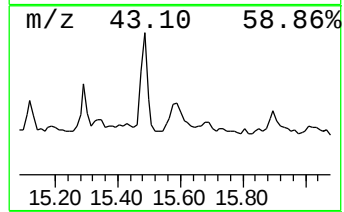
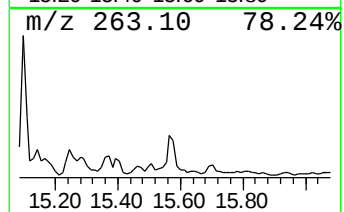
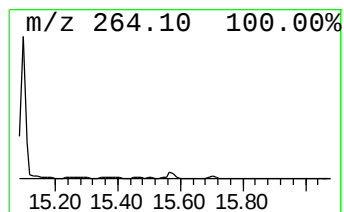
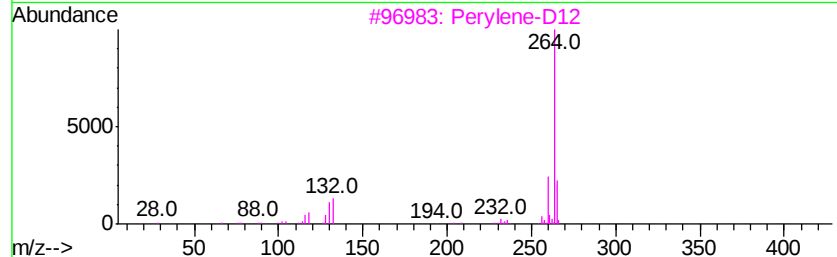
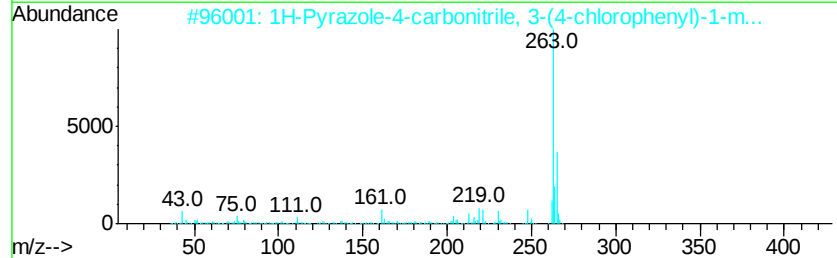
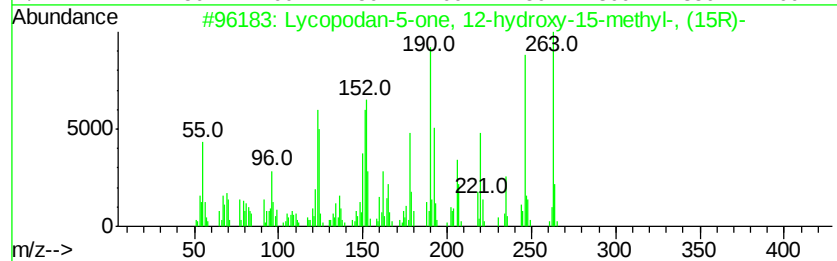
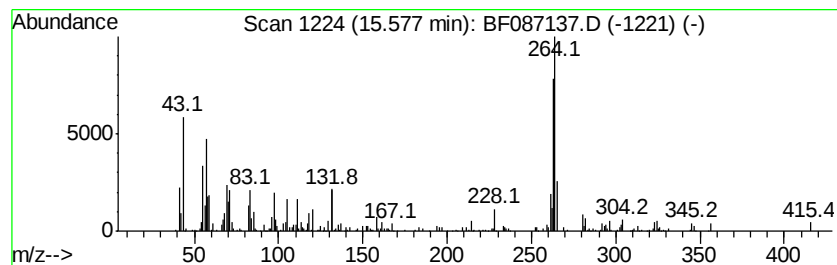
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown15.58 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	5.46 ng	210001	Perylene-d12	15.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	38
2			1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	30
3			Perylene-D12	264	C20D12	001520-96-3	27
4			12-Cyclohex-3-enyl-3-methyl-8,9,...	344	C23H24N2O	1000296-08-5	25
5			3-Chloro-1-diethylamino-7-ethyl-...	292	C15H21ClN4	1000274-36-7	16



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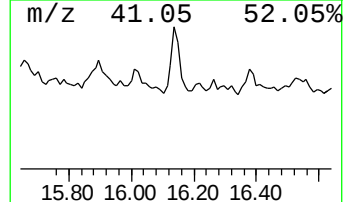
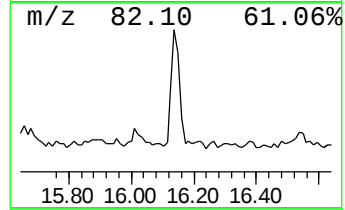
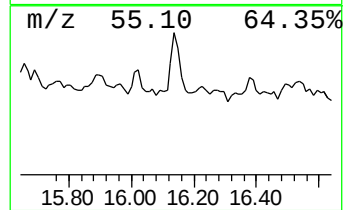
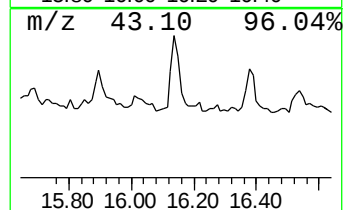
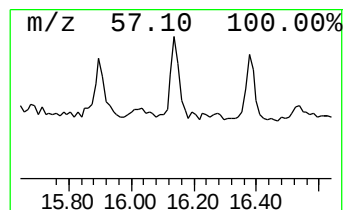
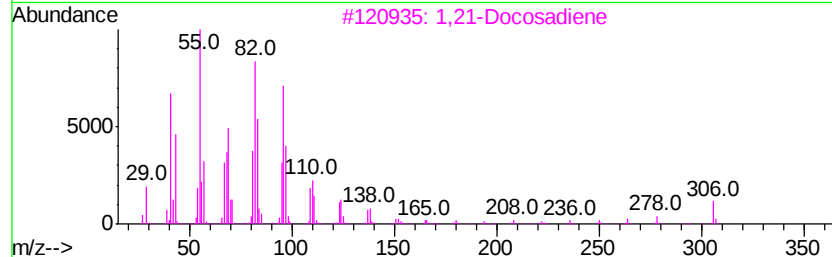
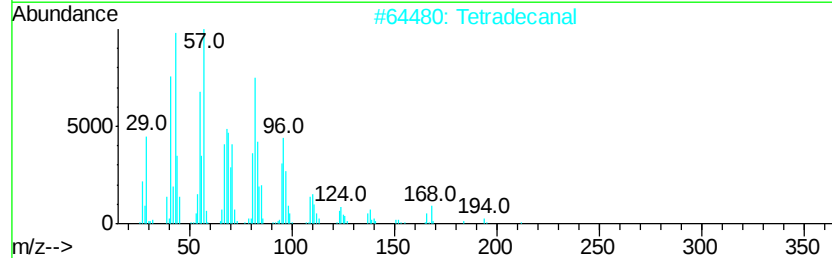
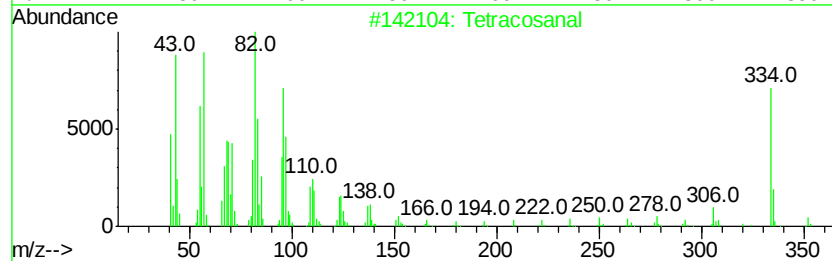
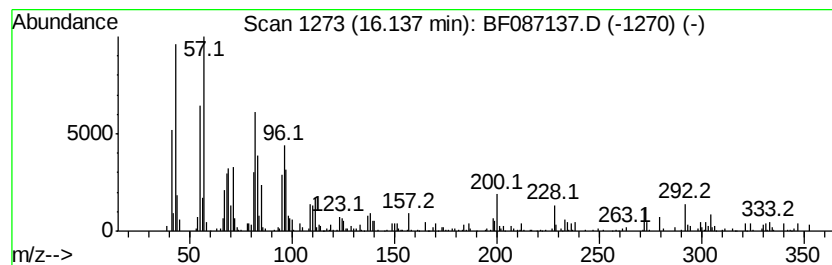
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetracosanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	7.26 ng	279424	Perylene-d12	15.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanal	352	C24H48O	057866-08-7	91
2			Tetradecanal	212	C14H28O	000124-25-4	87
3			1,21-Docosadiene	306	C22H42	053057-53-7	86
4			1,13-Tetradecadiene	194	C14H26	021964-49-8	78
5			17-Octadecenal	266	C18H34O	056554-86-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087137.D
Acq On : 18 May 2016 8:05
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

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

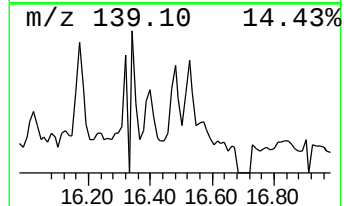
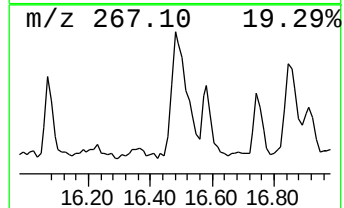
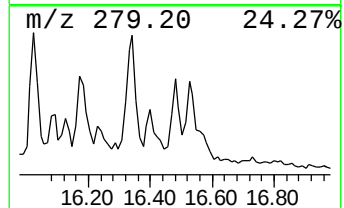
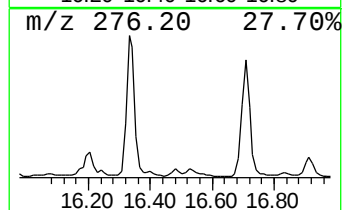
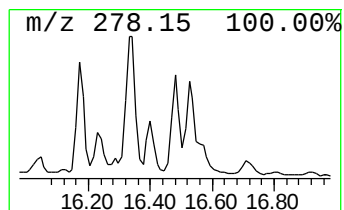
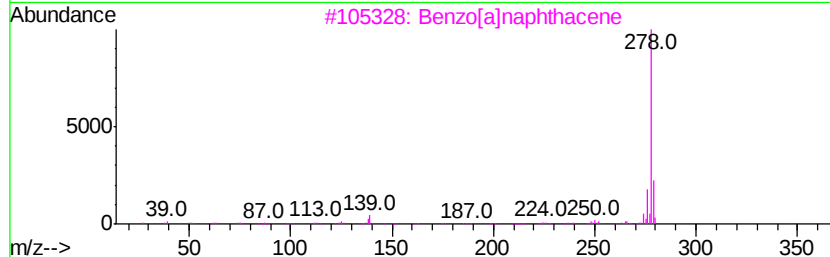
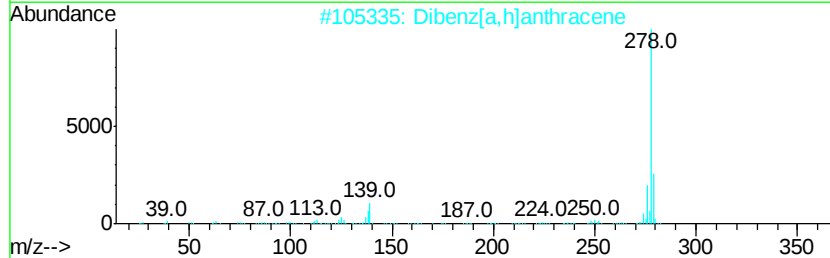
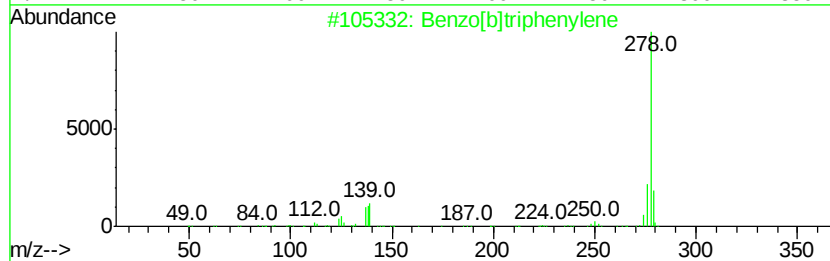
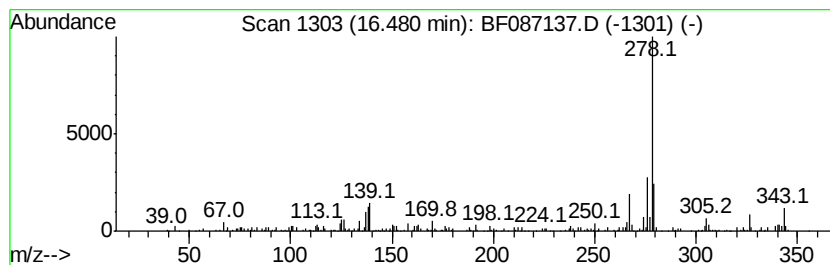
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[b]triphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	5.68 ng	218477	Perylene-d12	15.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91
3			Benzo[a]naphthacene	278	C22H14	000226-88-0	78
4			Pentaphene	278	C22H14	000222-93-5	78
5			Pentacene	278	C22H14	000135-48-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087137.D
Acq On : 18 May 2016 8:05
Operator : UM/SJ
Sample : H2994-05
Misc :
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ClientSampleId :
SPARTAPARK-1542-00(0-2)RE

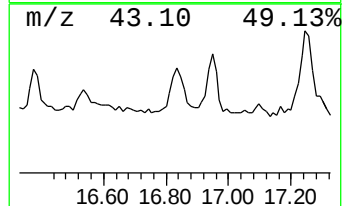
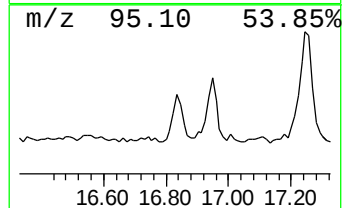
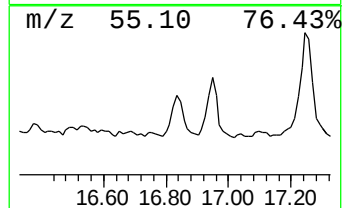
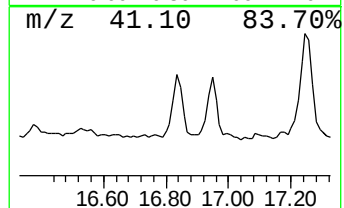
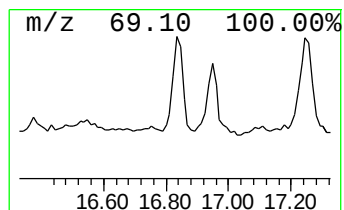
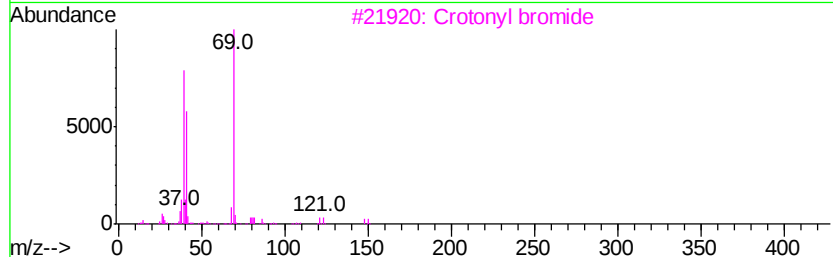
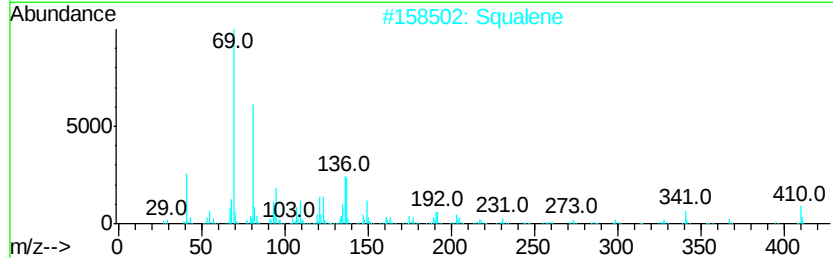
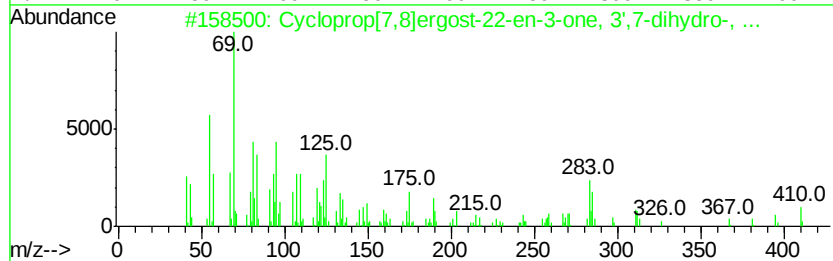
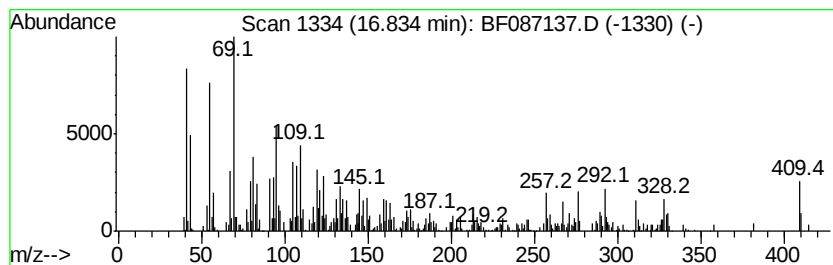
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown16.83 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	12.03 ng	463103	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloprop[7,8]ergost-22-en-3-one...	410	C29H46O	053755-18-3	38
2		Squalene	410	C30H50	007683-64-9	27
3		Crotonyl bromide	148	C4H5BrO	055600-70-9	14
4		5-Methoxy-10,12,13-trimethyl-11-...	289	C17H23NO3	1000192-12-4	14
5		Methyl 2-hydroxydecanoate	202	C11H22O3	071271-24-4	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087137.D
Acq On : 18 May 2016 8:05
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

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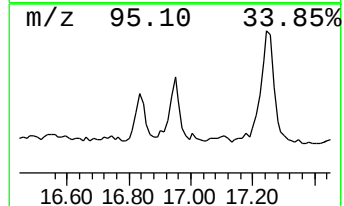
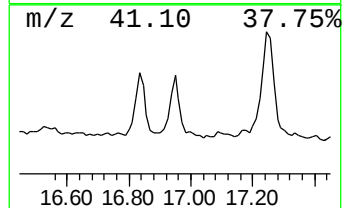
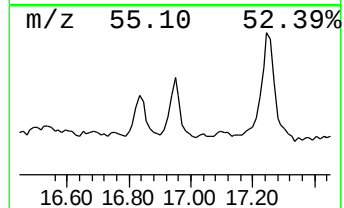
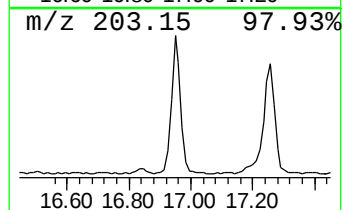
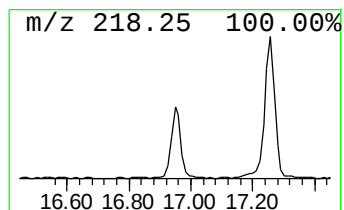
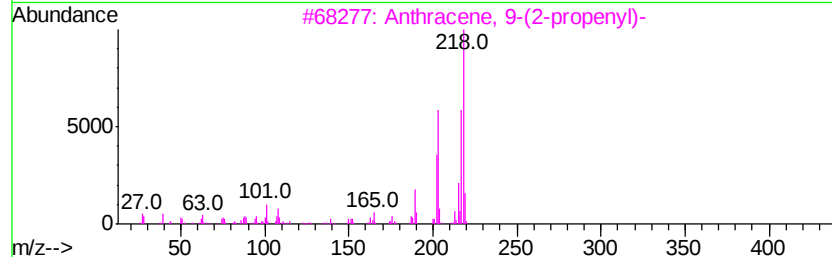
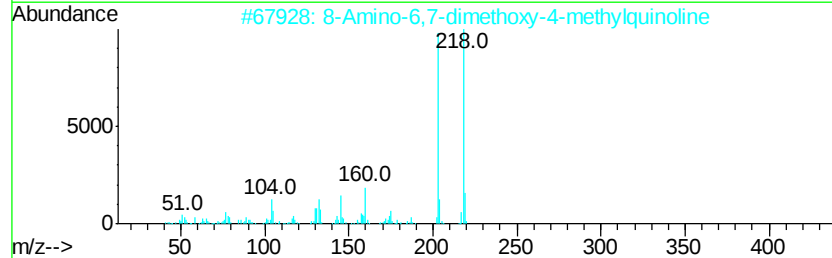
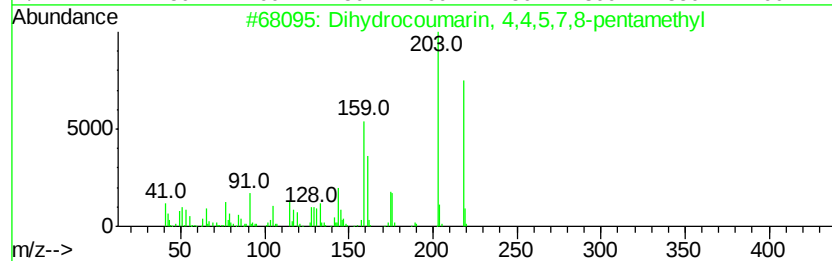
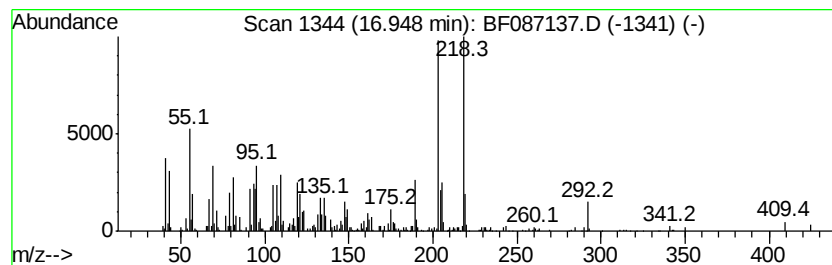
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.95 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	13.11 ng	504432	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dihydrocoumarin, 4,4,5,7,8-penta...	218	C14H18O2	039170-97-3	46
2		8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	43
3		Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	38
4		2H-1-Benzopyran-2-one, 7-acetyl-...	260	C14H12O5	129812-32-4	35
5		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087137.D
Acq On : 18 May 2016 8:05
Operator : UM/SJ
Sample : H2994-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

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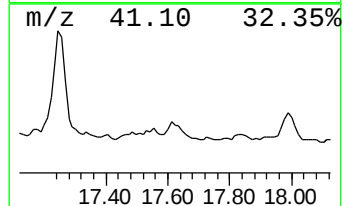
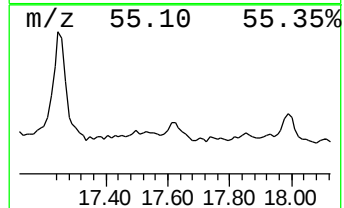
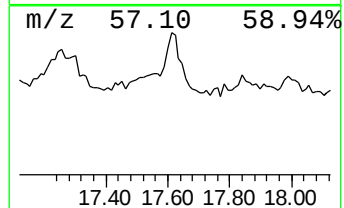
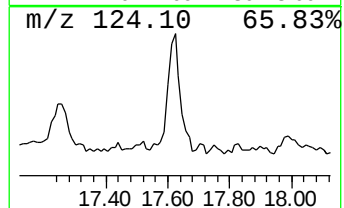
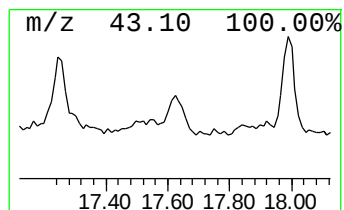
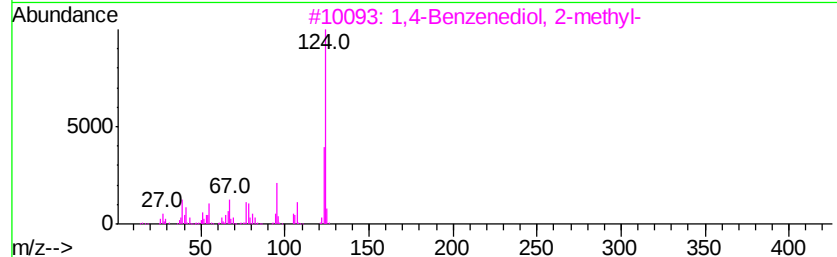
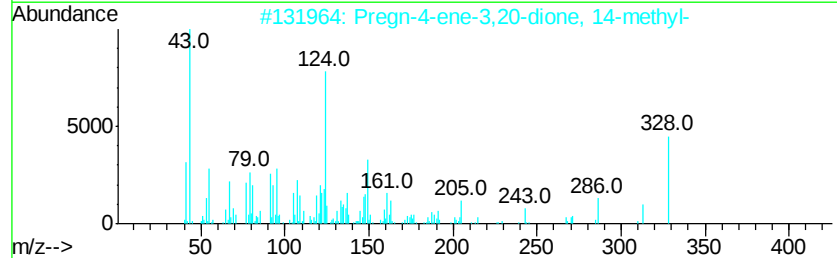
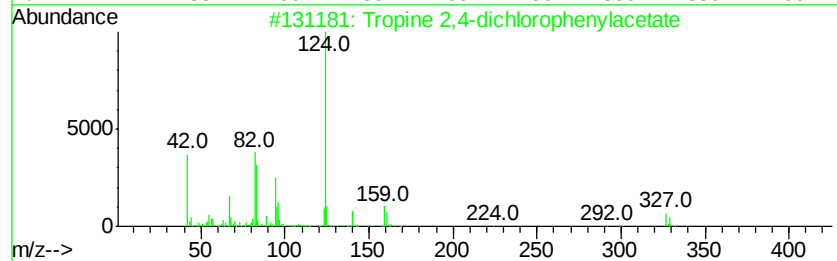
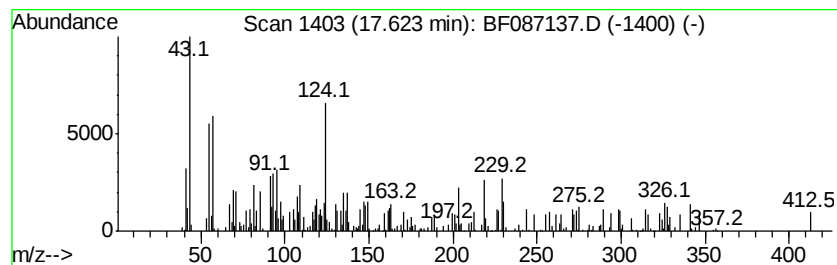
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.62 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	4.20 ng	161589	Perylene-d12	15.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tropine 2,4-dichlorophenylacetate	327	C16H19Cl2NO2	1000212-39-1	38
2			Pregn-4-ene-3,20-dione, 14-methyl-	328	C22H32O2	055162-96-4	35
3			1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	35
4			Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	30
5			Pregn-4-ene-3,20-dione, (10.alpha...	314	C21H30O2	003562-13-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
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Acq On : 18 May 2016 8:05
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Sample : H2994-05
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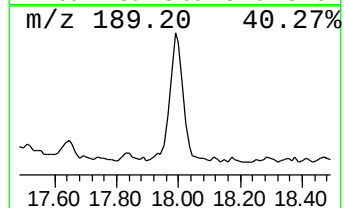
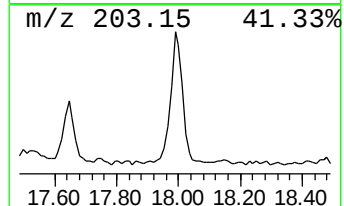
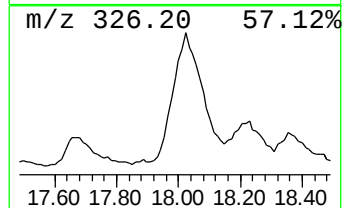
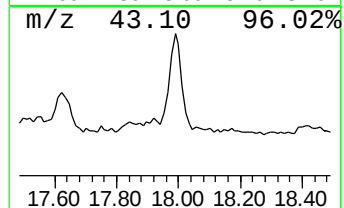
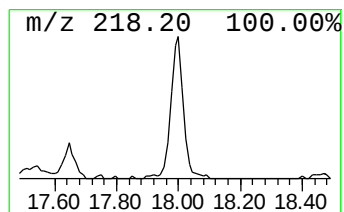
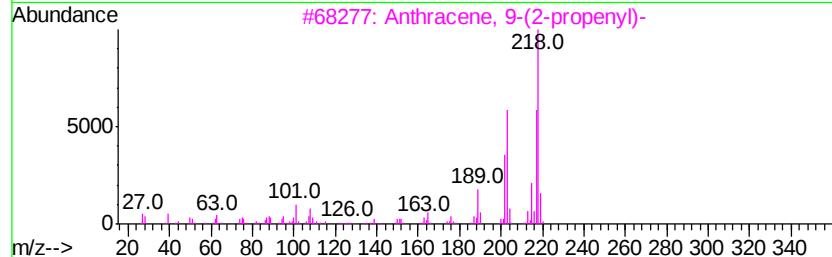
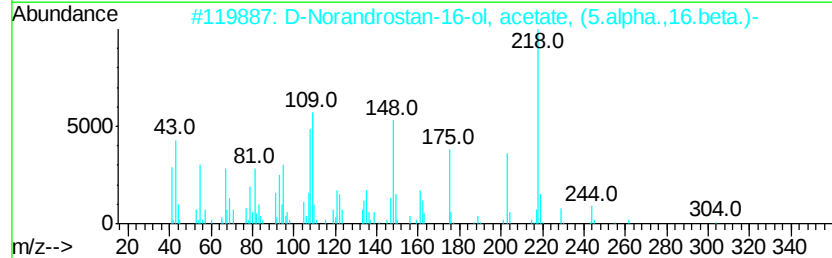
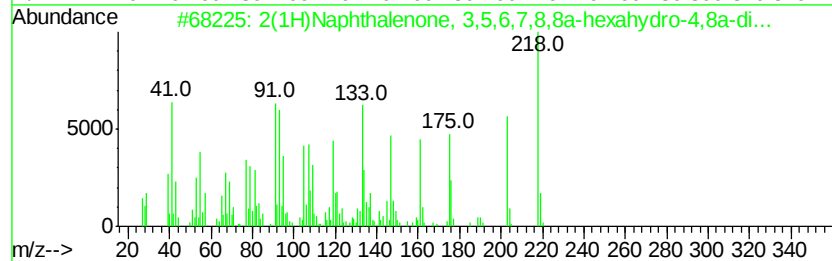
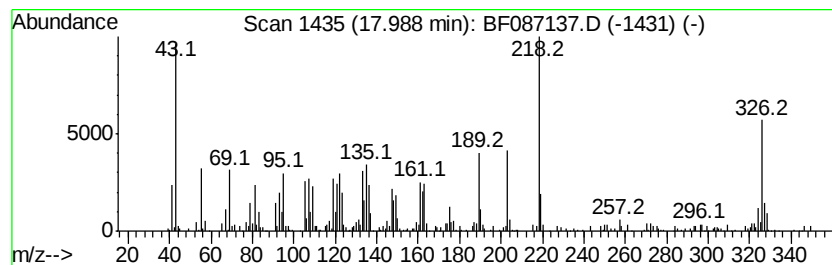
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2(1H)Naphthalenone, 3,5,6,7... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.99	17.93 ng	689913	Perylene-d12	15.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	50
2	D-Norandrostan-16-ol, acetate, (...)	304	C20H32O2	054411-62-0	45
3	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	43
4	Pyrrolo[2,3-b]indole, 1,2,3,3a,8...	218	C13H18N2O	046479-70-3	43
5	2,3-Diethoxyquinoxaline	218	C12H14N2O2	057050-66-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087137.D
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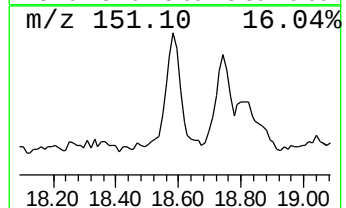
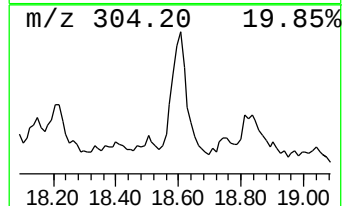
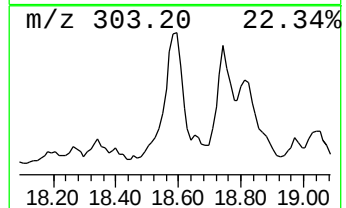
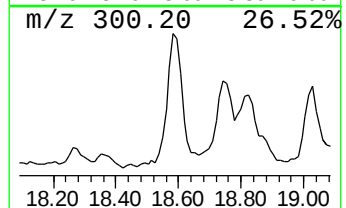
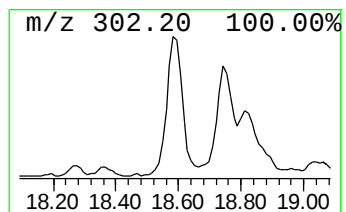
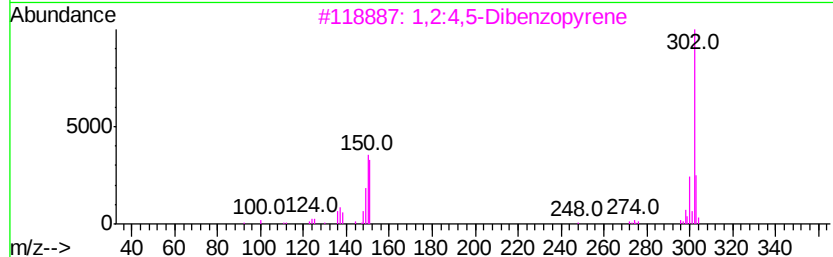
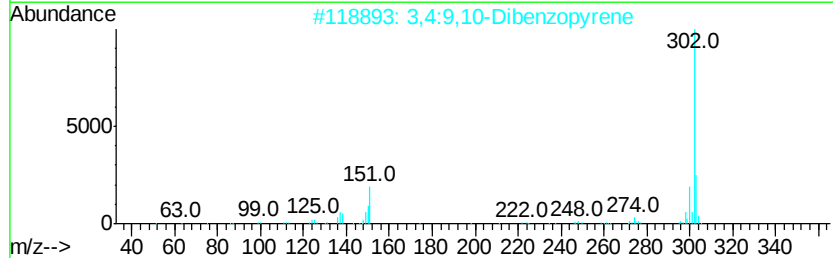
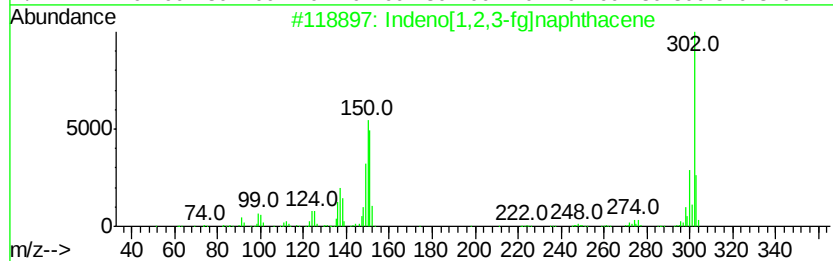
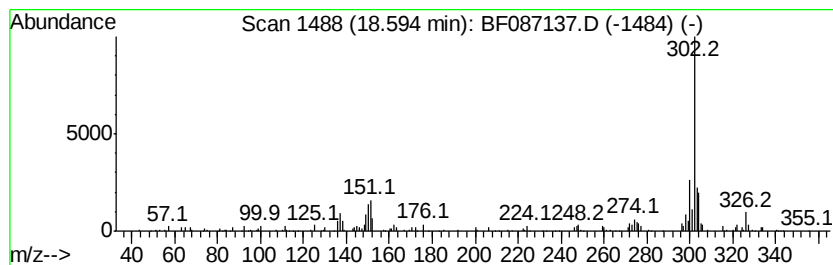
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Indeno[1,2,3-fg]naphthacene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.59	5.72 ng	220228	Perylene-d12	15.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	90
2	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	60
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	60
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	60
5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
 Data File : BF087137.D
 Acq On : 18 May 2016 8:05
 Operator : UM/SJ
 Sample : H2994-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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...	4.72	10.7	ng	477465	1	6.59	893305	20.0
unknown6.36	6.36	76.8	ng	3430820	1	6.59	893305	20.0
Tridecane	10.55	4.4	ng	289178	4	11.11	1311170	20.0
4H-Cyclopenta[def...	11.71	5.1	ng	334088	4	11.11	1311170	20.0
5,12-Naphthacened...	14.43	4.8	ng	182866	6	15.10	769631	20.0
9H-Fluorene, 9-(p...	14.59	4.5	ng	172049	6	15.10	769631	20.0
Benzo[e]pyrene	14.82	10.9	ng	419255	6	15.10	769631	20.0
Oxirane, hexadecyl-	15.29	4.0	ng	154772	6	15.10	769631	20.0
Tetracosane	15.49	4.9	ng	188241	6	15.10	769631	20.0
unknown15.58	15.58	5.5	ng	210001	6	15.10	769631	20.0
Tetracosanal	16.14	7.3	ng	279424	6	15.10	769631	20.0
Benzo[b]triphenylene	16.48	5.7	ng	218477	6	15.10	769631	20.0
unknown16.83	16.83	12.0	ng	463103	6	15.10	769631	20.0
unknown16.95	16.95	13.1	ng	504432	6	15.10	769631	20.0
4,4,6a,6b,8a,11,1...	17.26	33.6	ng	1292460	6	15.10	769631	20.0
unknown17.62	17.62	4.2	ng	161589	6	15.10	769631	20.0
2(1H)Naphthalenon...	17.99	17.9	ng	689913	6	15.10	769631	20.0
Indeno[1,2,3-fg]n...	18.59	5.7	ng	220228	6	15.10	769631	20.0