

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
 Data File : BF082464.D
 Acq On : 23 Oct 2015 00:22
 Operator : UM/IZ
 Sample : G4119-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-15.5-16

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-BF101015.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	4.217	180	182	185	rBV	56144	92636	4.77%	0.194%
2	4.914	237	243	249	rBV	694124	971512	50.02%	2.039%
3	5.360	280	282	290	rBV	1165404	1455911	74.96%	3.055%
4	5.749	313	316	318	rVB2	45529	62089	3.20%	0.130%
5	5.886	325	328	330	rVB	46672	48719	2.51%	0.102%
6	5.989	335	337	340	rVV3	60510	107955	5.56%	0.227%
7	6.274	360	362	366	rBV2	61403	99189	5.11%	0.208%
8	6.423	372	375	377	rBV	1088752	1420007	73.11%	2.980%
9	6.537	383	385	387	rVB	1542920	1516404	78.07%	3.182%
10	6.606	387	391	393	rVB2	44395	60503	3.12%	0.127%
11	6.720	393	401	402	rBV3	48715	107099	5.51%	0.225%
12	6.766	402	405	407	rVV	433396	633929	32.64%	1.330%
13	6.811	408	409	411	rVV	41858	55810	2.87%	0.117%
14	6.869	411	414	416	rVV2	59152	141903	7.31%	0.298%
15	6.914	416	418	422	rVV	1335520	1289908	66.41%	2.707%
16	7.017	426	427	430	rVB	94094	159431	8.21%	0.335%
17	7.154	437	439	440	rBV2	82118	106304	5.47%	0.223%
18	7.177	440	441	444	rVB3	65843	108409	5.58%	0.228%
19	7.234	444	446	448	rBV3	49316	85966	4.43%	0.180%
20	7.280	448	450	453	rBV3	78184	160876	8.28%	0.338%
21	7.337	453	455	457	rBV	697740	875724	45.09%	1.838%
22	7.406	459	461	463	rBV2	126854	199746	10.28%	0.419%
23	7.452	463	465	466	rBV	83695	87976	4.53%	0.185%
24	7.509	469	470	472	rVB	66470	84701	4.36%	0.178%
25	7.566	472	475	477	rBV2	256439	351524	18.10%	0.738%
26	7.623	477	480	481	rBV3	92142	159144	8.19%	0.334%
27	7.680	483	485	487	rVB2	265879	280796	14.46%	0.589%
28	7.726	487	489	490	rBV2	44385	66007	3.40%	0.139%
29	7.760	490	492	493	rBV	73545	85621	4.41%	0.180%
30	7.806	493	496	499	rBV3	127252	217554	11.20%	0.457%
31	7.874	499	502	504	rBV2	157619	244154	12.57%	0.512%
32	7.932	504	507	508	rBV2	205446	328909	16.93%	0.690%
33	8.000	510	513	514	rBV2	60663	112222	5.78%	0.236%
34	8.046	514	517	519	rBV	558466	980893	50.50%	2.059%

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35	8.080	519	520	522 rBV2	62286	84869	4.37%	0.178%
36	8.114	522	523	524 rVB	181080	124221	6.40%	0.261%
37	8.137	524	525	527 rVB2	152933	155830	8.02%	0.327%
38	8.217	529	532	533 rBV2	222546	355826	18.32%	0.747%
39	8.252	533	535	537 rBV	719350	641128	33.01%	1.345%
40	8.332	540	542	546 rBV4	231445	333849	17.19%	0.701%
41	8.400	546	548	549 rBV	229724	275784	14.20%	0.579%
42	8.435	549	551	553 rVB3	180972	258540	13.31%	0.543%
43	8.492	553	556	560 rBV3	504989	913173	47.02%	1.916%
44	8.549	560	561	563 rBV2	280561	367641	18.93%	0.772%
45	8.595	563	565	568 rBV2	498312	867981	44.69%	1.822%
46	8.732	575	577	579 rVB3	361247	529531	27.26%	1.111%
47	8.846	585	587	589 rBV3	222819	253874	13.07%	0.533%
48	8.937	593	595	596 rBV	300963	358147	18.44%	0.752%
49	8.972	596	598	599 rBV2	232931	376536	19.39%	0.790%
50	9.006	599	601	602 rVB2	163559	178446	9.19%	0.374%
51	9.040	602	604	606 rBV2	491699	601019	30.94%	1.261%
52	9.075	606	607	610 rBV2	330840	605165	31.16%	1.270%
53	9.132	610	612	616 rVB	1265935	1289831	66.41%	2.707%
54	9.212	617	619	621 rBV	676407	680956	35.06%	1.429%
55	9.257	621	623	624 rBV2	216669	287633	14.81%	0.604%
56	9.337	628	630	631 rBV2	276695	401317	20.66%	0.842%
57	9.372	631	633	634 rBV	199879	293934	15.13%	0.617%
58	9.406	634	636	637 rBV2	305685	276139	14.22%	0.580%
59	9.440	637	639	640 rVB2	239405	336436	17.32%	0.706%
60	9.532	645	647	649 rVB2	425090	518801	26.71%	1.089%
61	9.680	657	660	662 rBV2	662950	973994	50.15%	2.044%
62	9.715	662	663	665 rVB	350054	435192	22.41%	0.913%
63	9.818	668	672	674 rBV3	986964	1851206	95.31%	3.885%
64	9.932	680	682	684 rBV	688042	856174	44.08%	1.797%
65	9.966	684	685	686 rBV	288639	313496	16.14%	0.658%
66	10.023	688	690	692 rVB2	408207	611094	31.46%	1.282%
67	10.138	698	700	701 rBV	1014747	1133812	58.38%	2.379%
68	10.218	705	707	710 rBV	686722	1187378	61.13%	2.492%
69	10.320	713	716	717 rVB2	526307	829231	42.69%	1.740%
70	10.355	717	719	721 rBV3	689369	1228591	63.26%	2.578%
71	10.526	732	734	736 rBV3	569114	998036	51.39%	2.094%

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72	10.618	740	742	743	rVV	530545	517867	26.66%	1.087%
73	10.732	750	752	755	rVB2	803552	1281002	65.95%	2.688%
74	10.812	757	759	760	rBV2	762803	911346	46.92%	1.913%
75	10.892	764	766	767	rBV2	461923	591754	30.47%	1.242%
76	11.429	811	813	814	rBV	715182	1071428	55.16%	2.249%
77	11.738	838	840	842	rBV	640328	1007729	51.88%	2.115%
78	11.829	846	848	852	rVB2	1054688	1942259	100.00%	4.076%
79	12.058	867	868	870	rVB	765130	722662	37.21%	1.517%
80	12.389	894	897	898	rBV	1043675	1711470	88.12%	3.592%
81	12.778	929	931	934	rVB3	852373	1529179	78.73%	3.209%
82	12.835	934	936	937	rBV	725947	708958	36.50%	1.488%
83	16.504	1254	1257	1262	rVB	498767	1110338	57.17%	2.330%

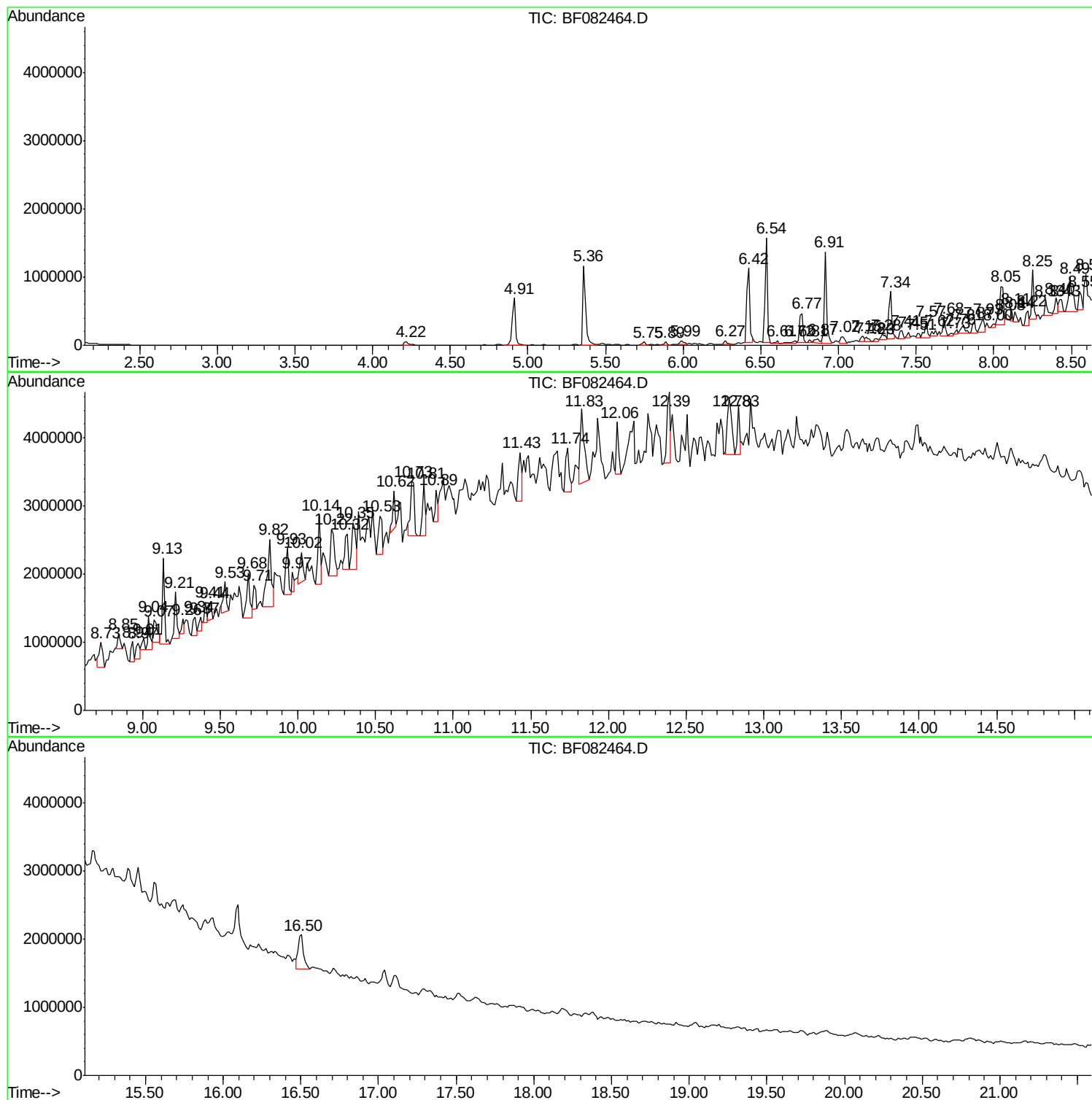
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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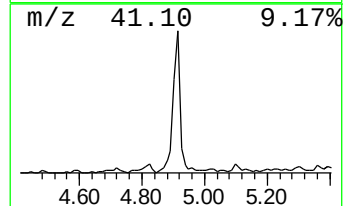
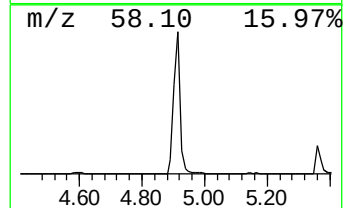
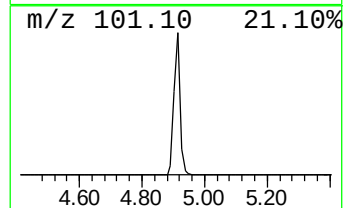
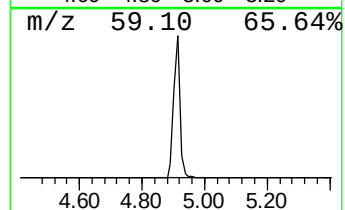
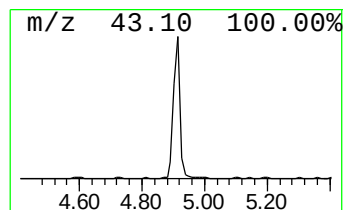
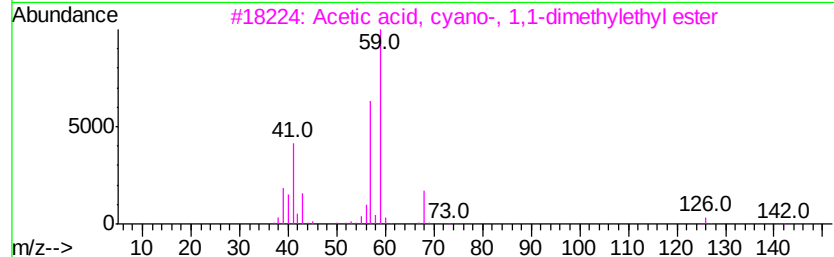
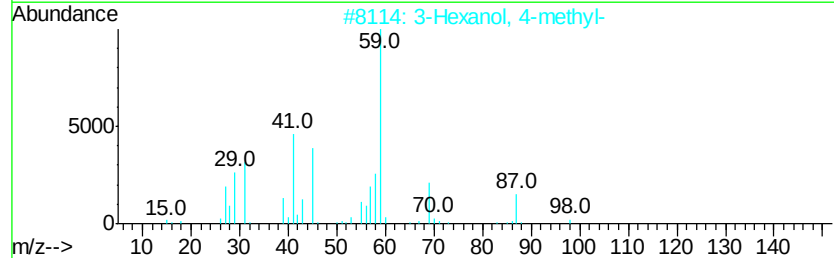
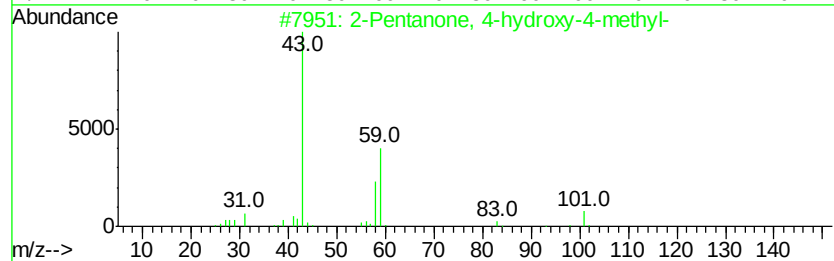
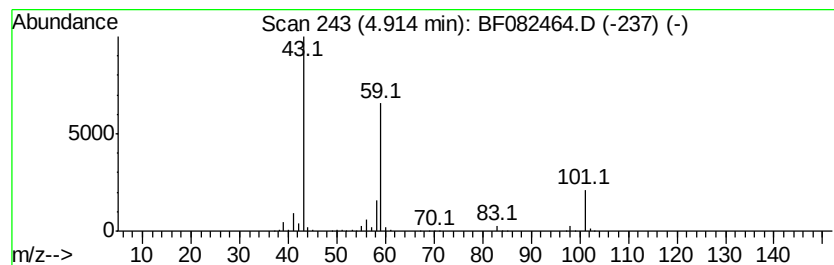
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	30.65 ng	971512	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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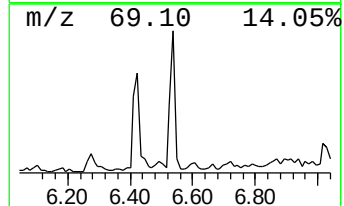
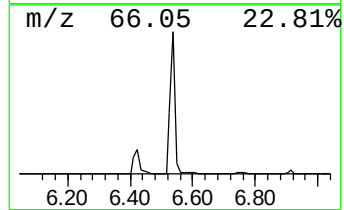
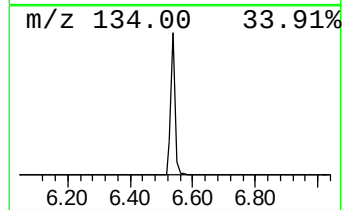
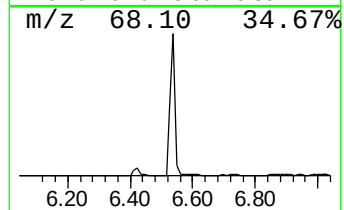
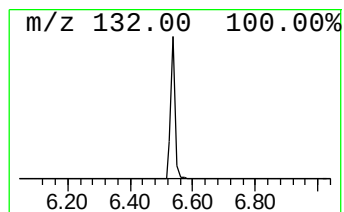
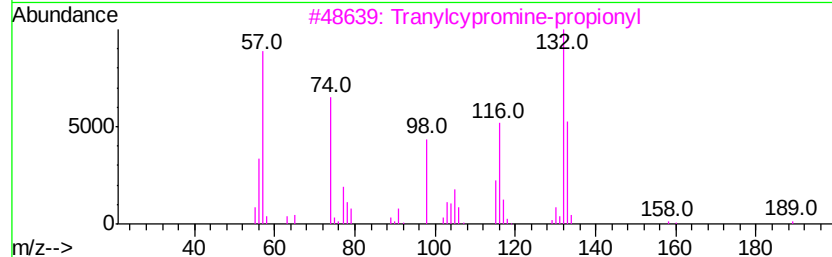
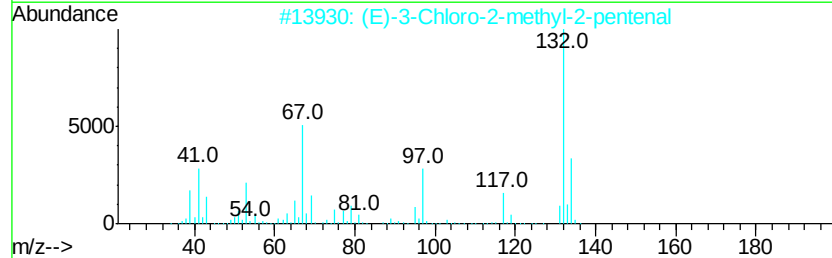
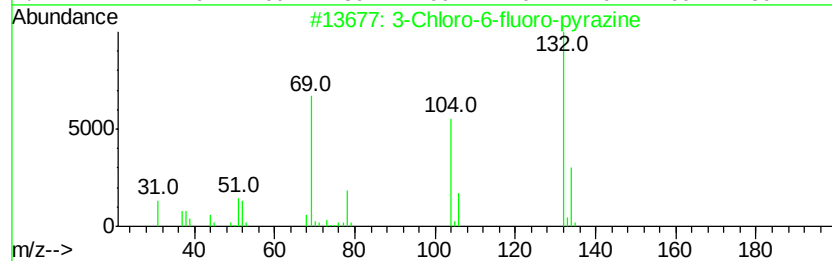
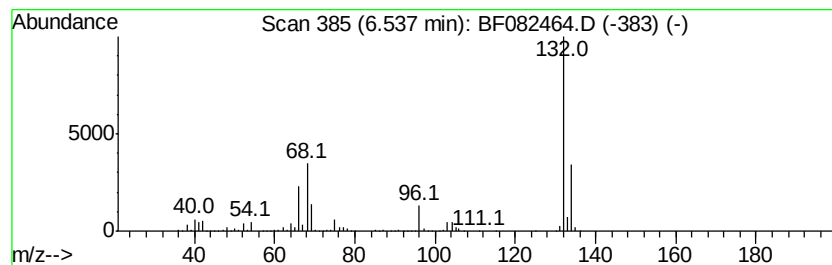
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	47.84 ng	1516400	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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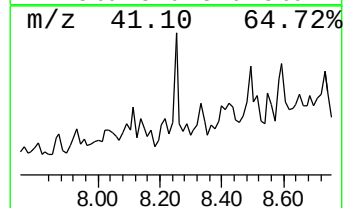
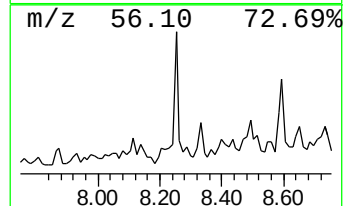
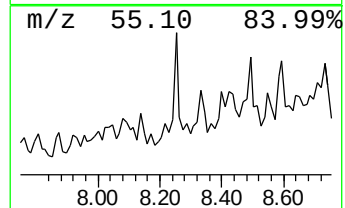
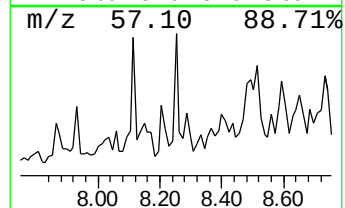
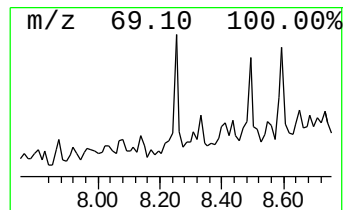
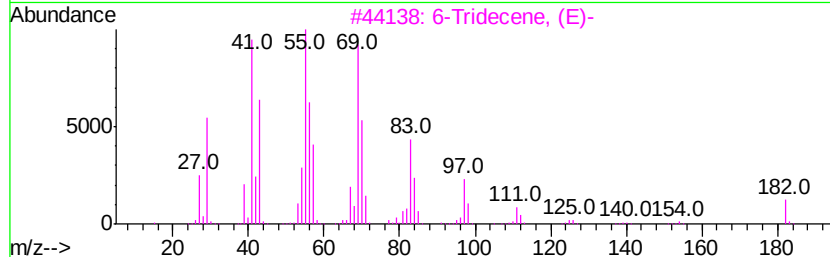
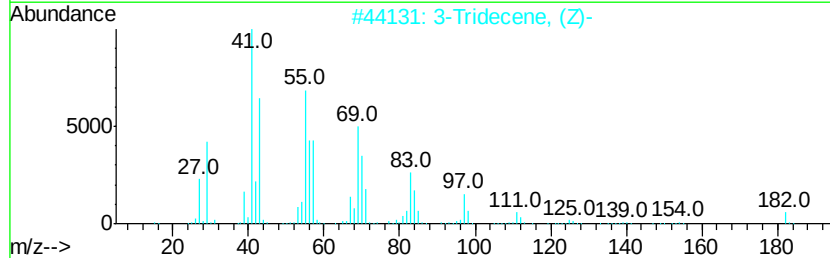
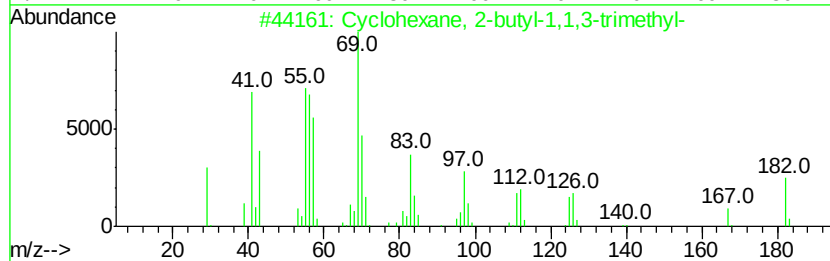
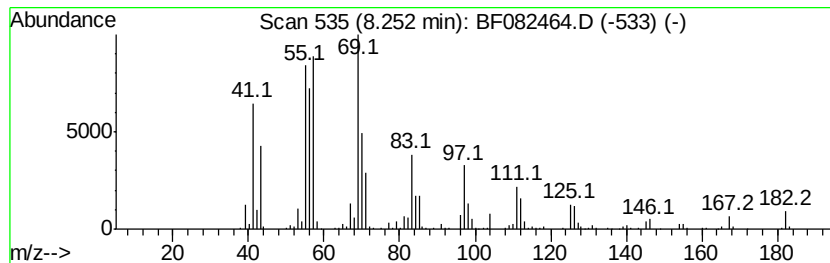
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	13.07 ng	641128	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	96
2		3-Tridecene, (Z)-	182	C13H26	041446-53-1	80
3		6-Tridecene, (E)-	182	C13H26	006434-76-0	72
4		Cyclopentane, butyl-	126	C9H18	002040-95-1	68
5		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	64



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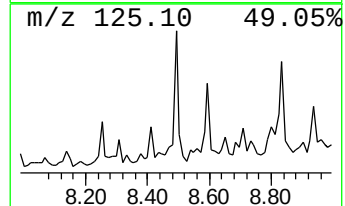
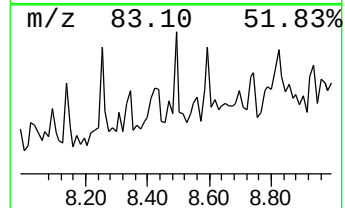
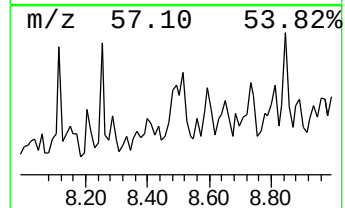
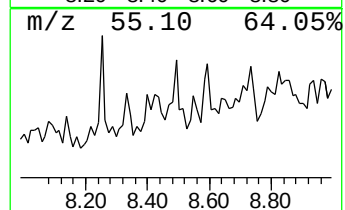
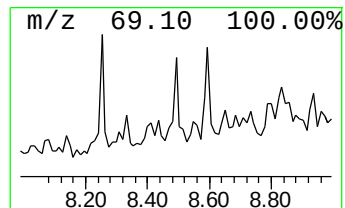
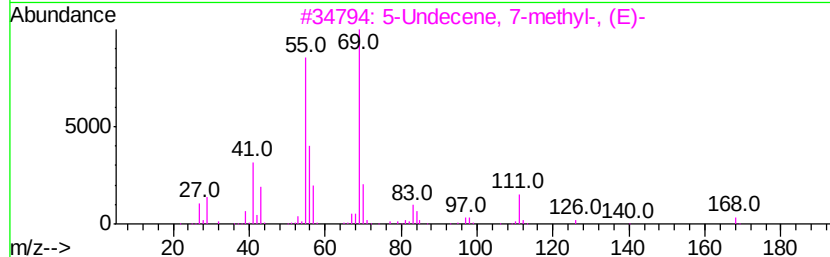
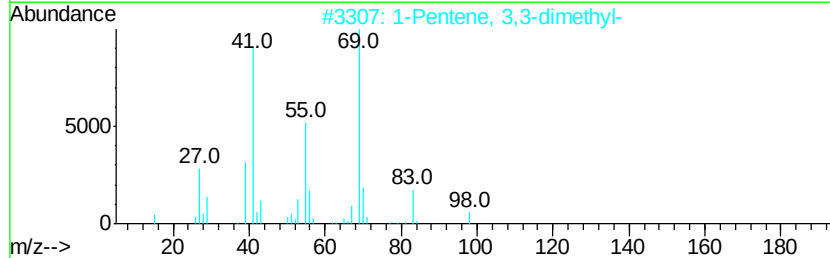
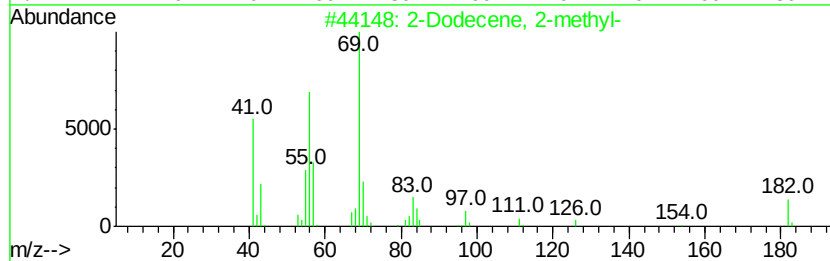
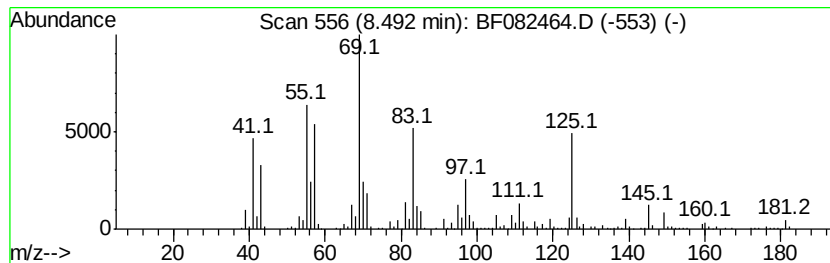
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.49 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	18.62 ng	913173	Napthalene-d8	8.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecene, 2-methyl-			182	C13H26	055103-82-7	47
2	1-Pentene, 3,3-dimethyl-			98	C7H14	003404-73-7	38
3	5-Undecene, 7-methyl-, (E)-			168	C12H24	074630-66-3	35
4	1-Octene, 3,3-dimethyl-			140	C10H20	074511-51-6	35
5	3-Eicosene, (E)-			280	C20H40	074685-33-9	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
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Acq On : 23 Oct 2015 00:22
Operator : UM/IZ
Sample : G4119-17
Misc :
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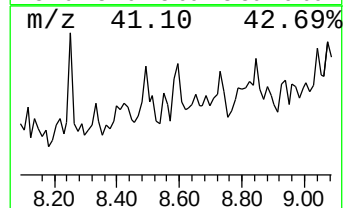
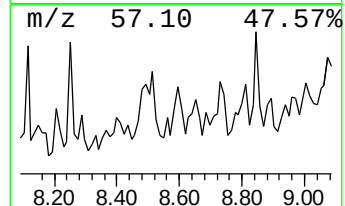
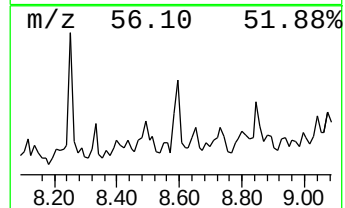
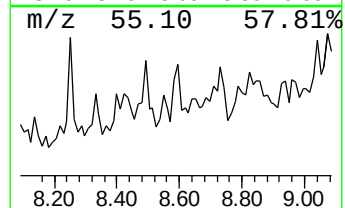
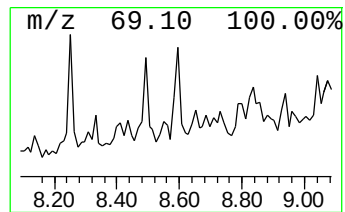
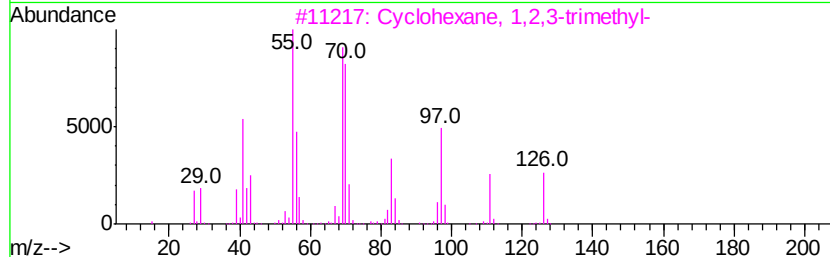
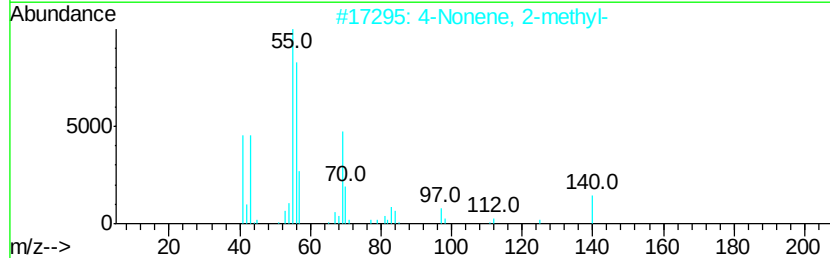
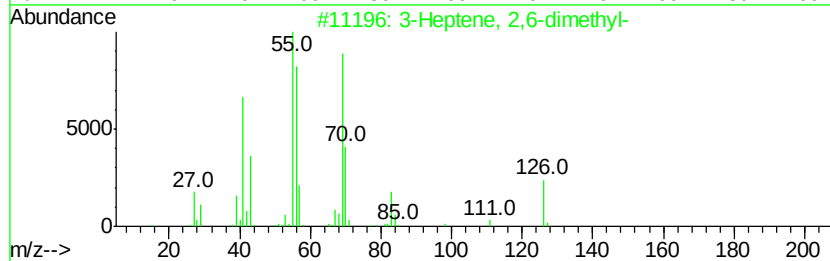
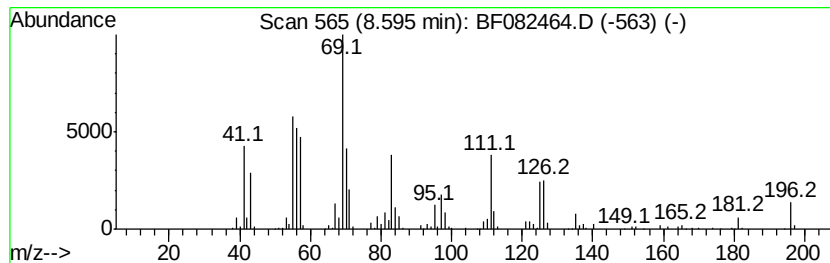
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3-Heptene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.59	17.70 ng	867981	Napthalene-d8	8.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	62
2	4-Nonene, 2-methyl-	140	C10H20	055724-84-0	58
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	52
4	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	49
5	2-Tetradecene, (E)-	196	C14H28	035953-53-8	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
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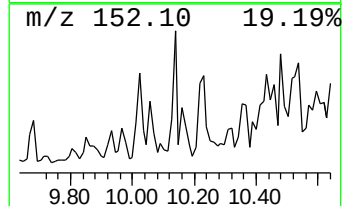
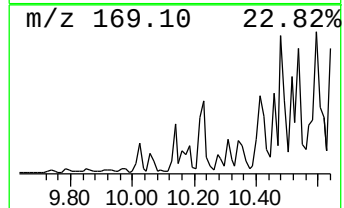
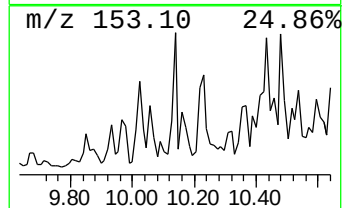
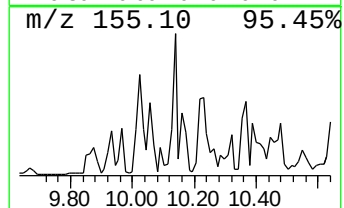
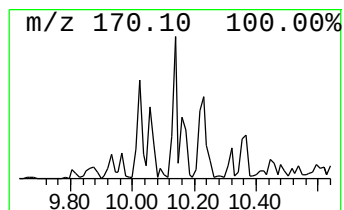
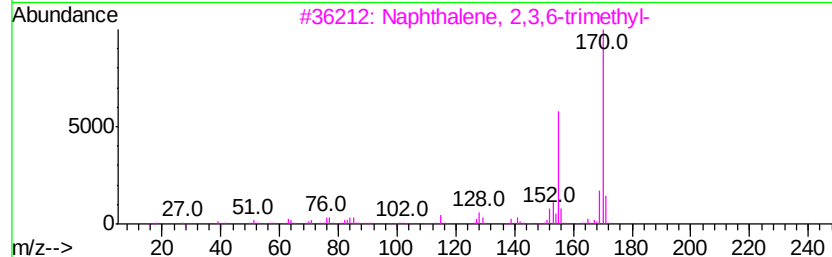
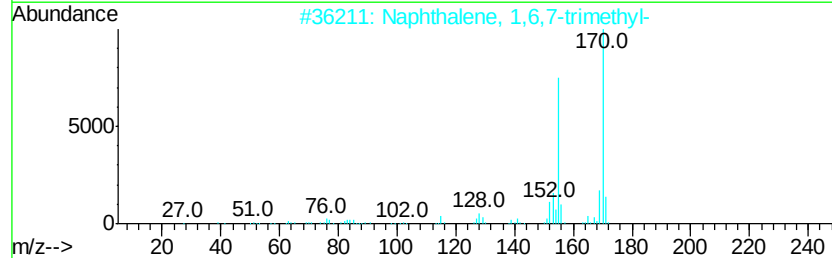
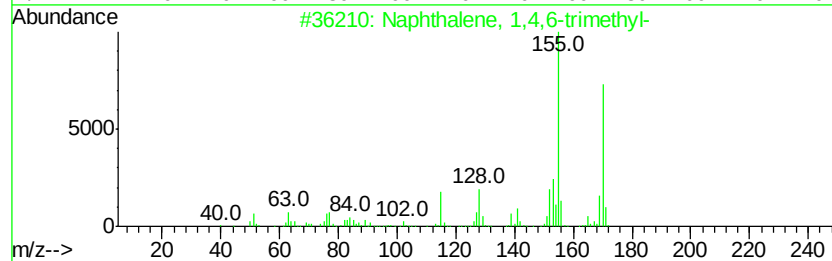
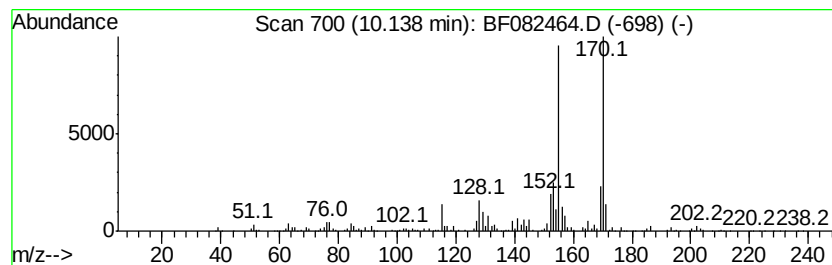
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	12.25 ng	1133810	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	95
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082464.D
Acq On : 23 Oct 2015 00:22
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Sample : G4119-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

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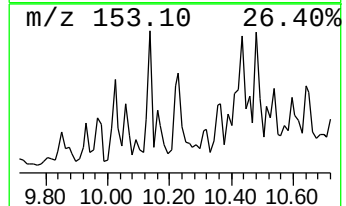
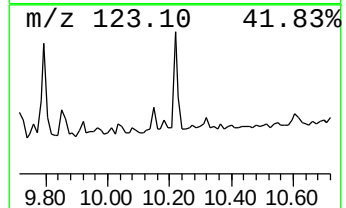
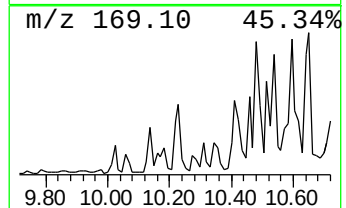
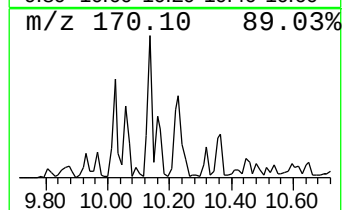
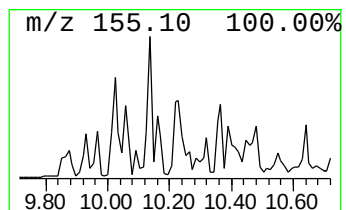
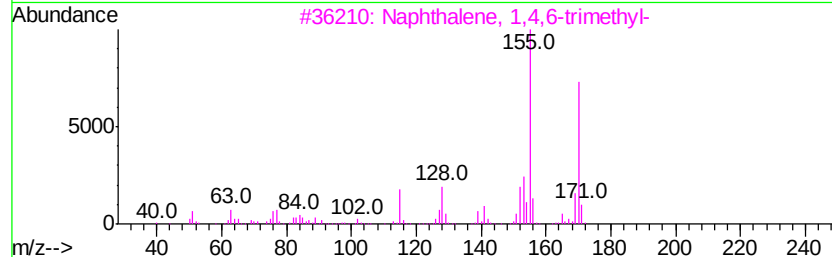
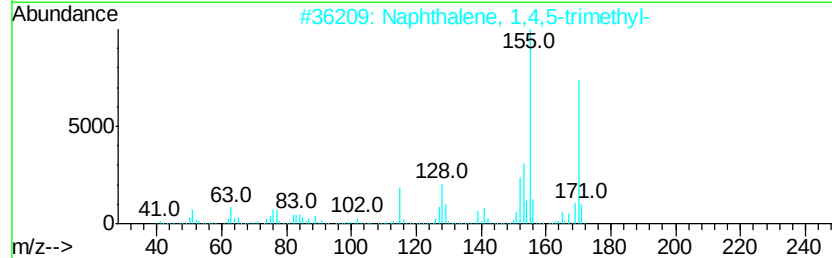
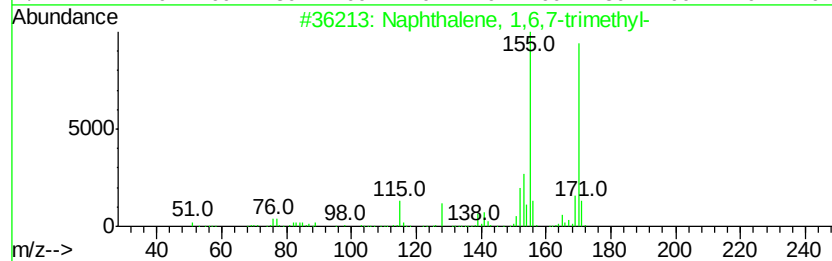
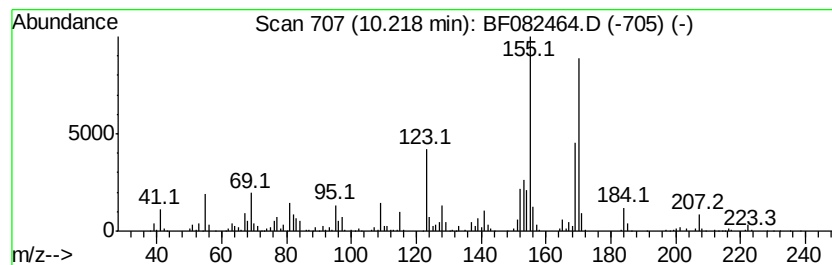
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	12.83 ng	1187380	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082464.D
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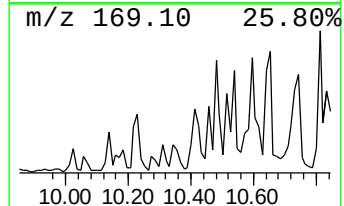
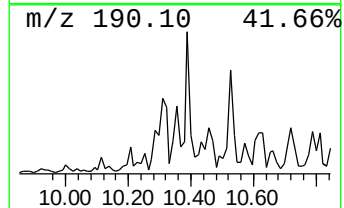
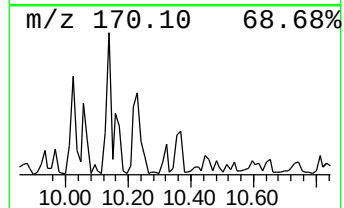
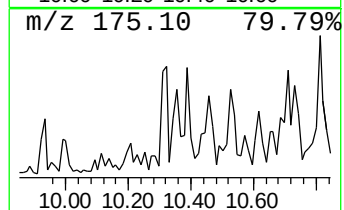
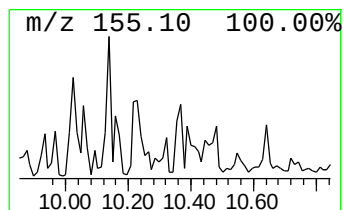
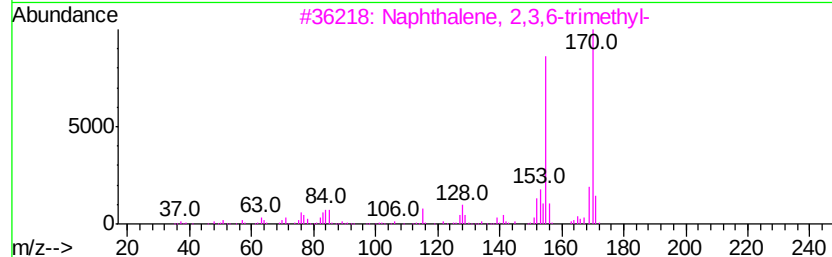
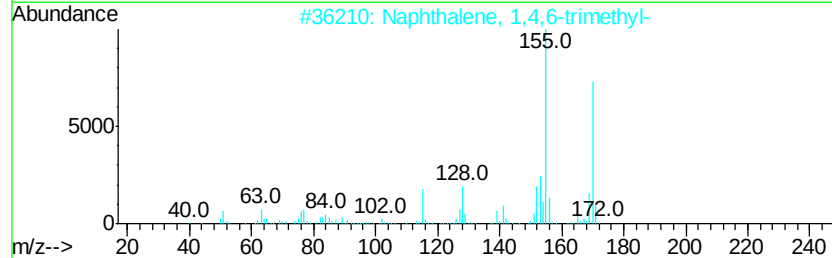
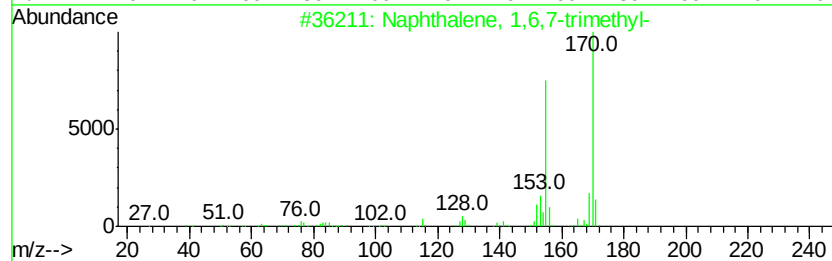
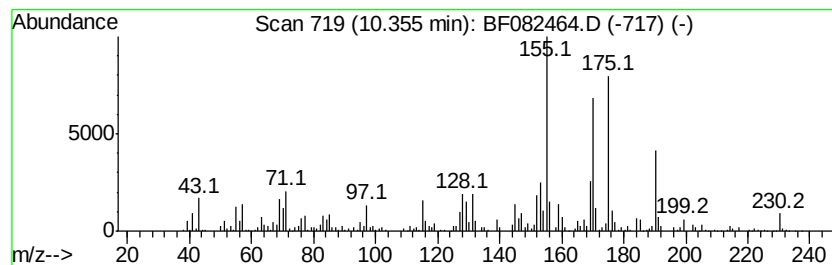
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	13.27 ng	1228590	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
Data File : BF082464.D
Acq On : 23 Oct 2015 00:22
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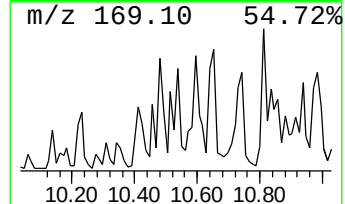
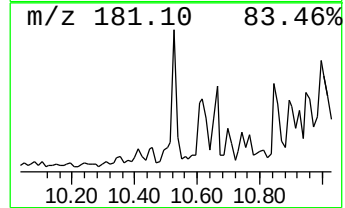
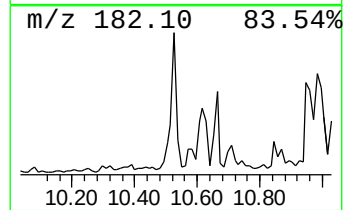
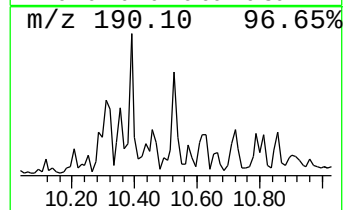
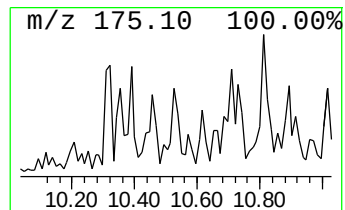
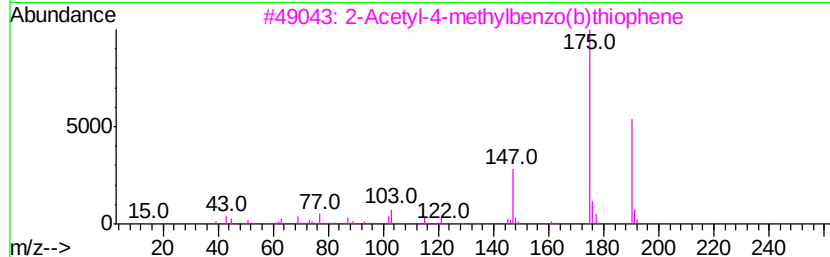
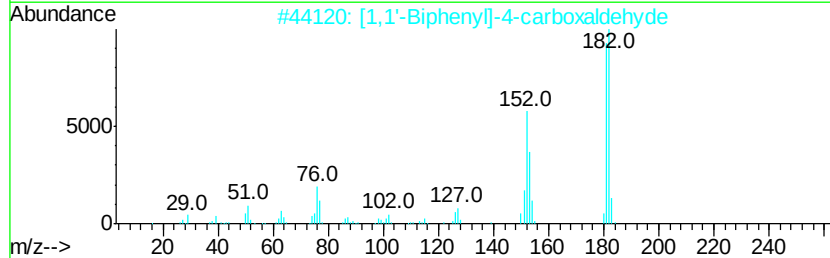
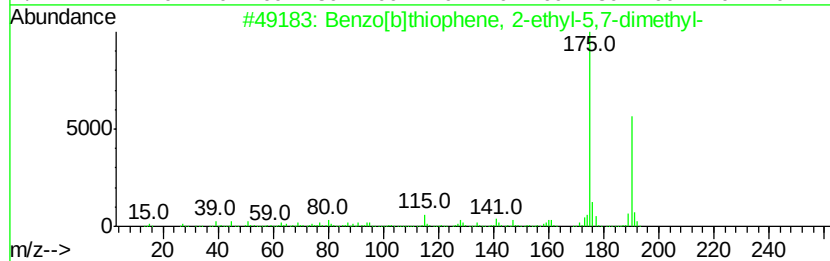
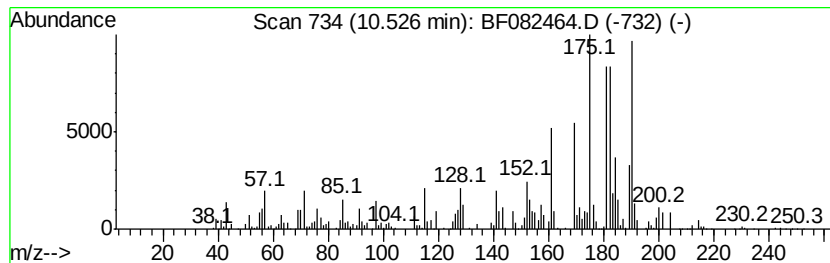
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown10.53 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	10.78 ng	998036	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2-ethyl-5,7-d...	190	C12H14S	018428-05-2	38
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	38
3		2-Acetyl-4-methylbenzo(b)thiophene	190	C11H10OS	001467-88-5	35
4		5,8-Dimethoxyquinoxaline	190	C10H10N2O2	019506-19-5	30
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
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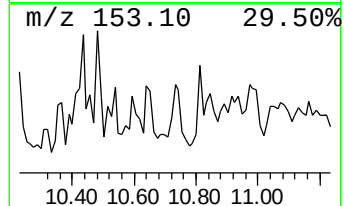
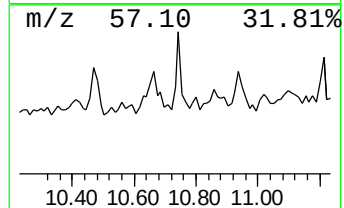
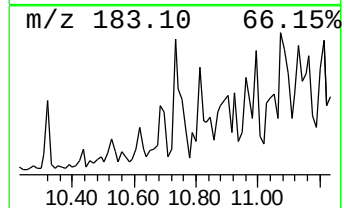
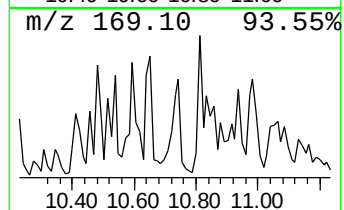
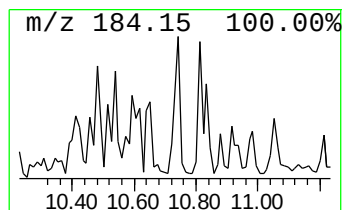
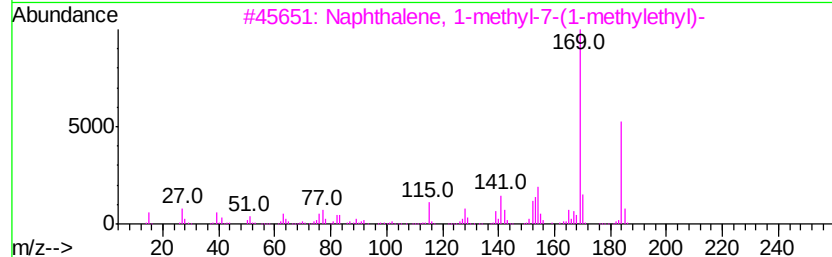
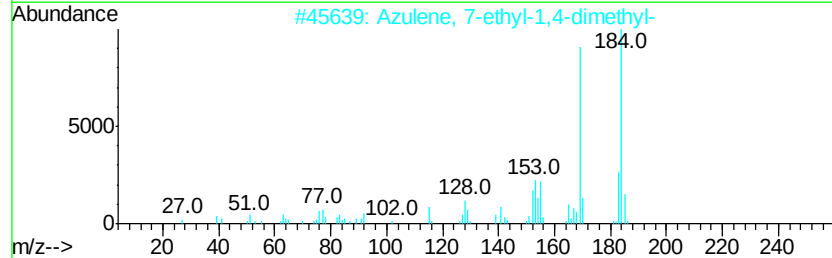
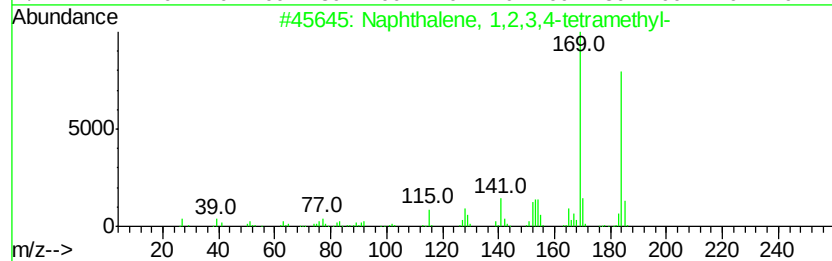
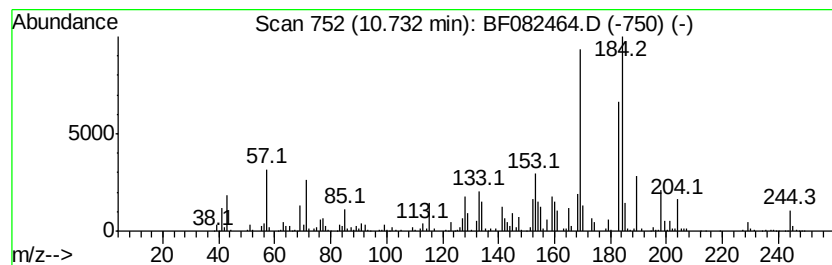
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetram... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	23.91 ng	1281000	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	92
2		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	83
3		Naphthalene, 1-methyl-7-(1-methyl...	184	C14H16	000490-65-3	70
4		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	53
5		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082464.D
Acq On : 23 Oct 2015 00:22
Operator : UM/IZ
Sample : G4119-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

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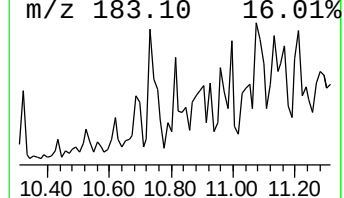
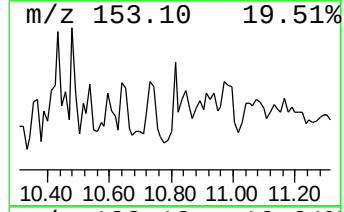
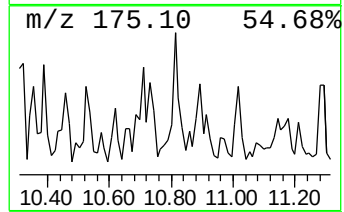
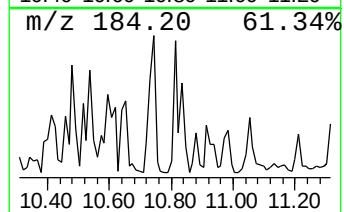
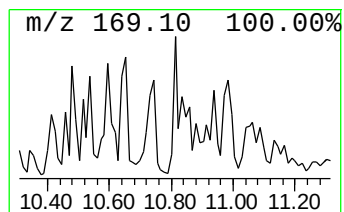
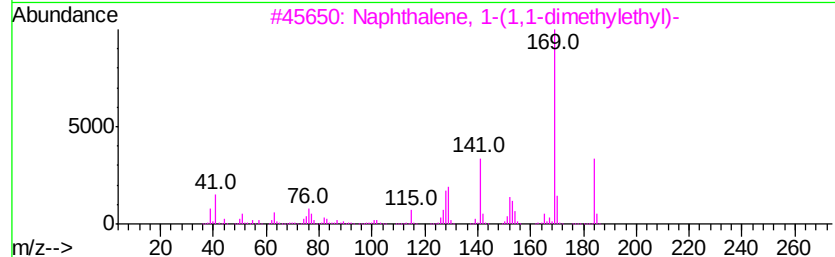
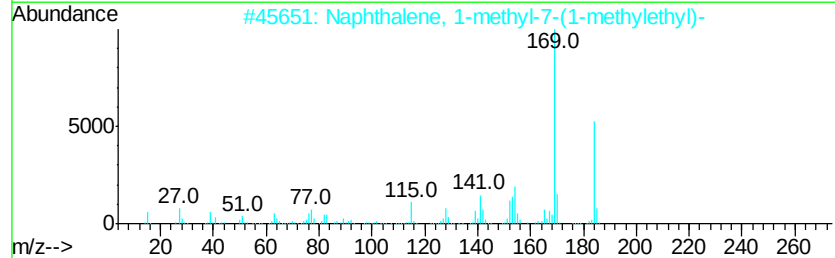
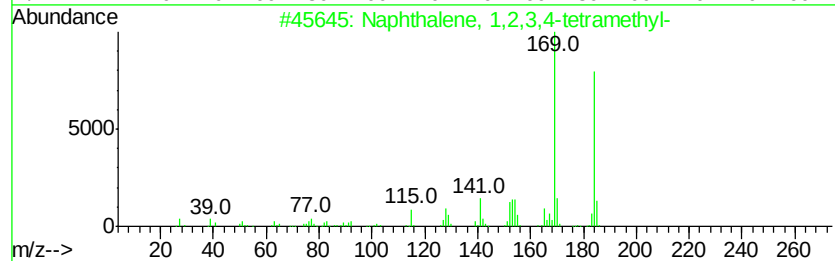
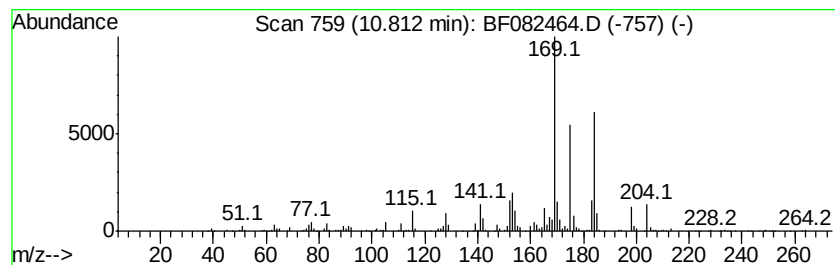
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1-methyl-7-(1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	17.01 ng	911346	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	83
2		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	78
3		Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	53
4		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	52
5		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082464.D
Acq On : 23 Oct 2015 00:22
Operator : UM/IZ
Sample : G4119-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

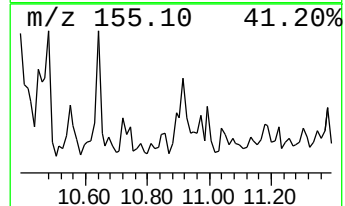
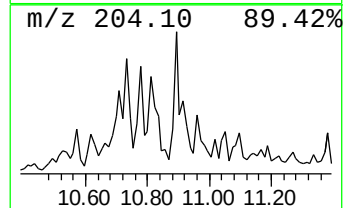
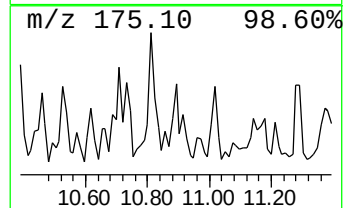
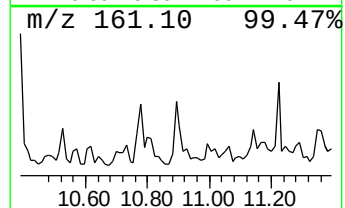
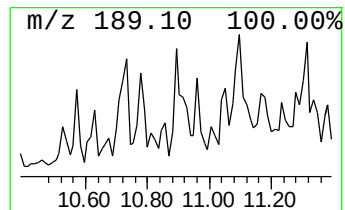
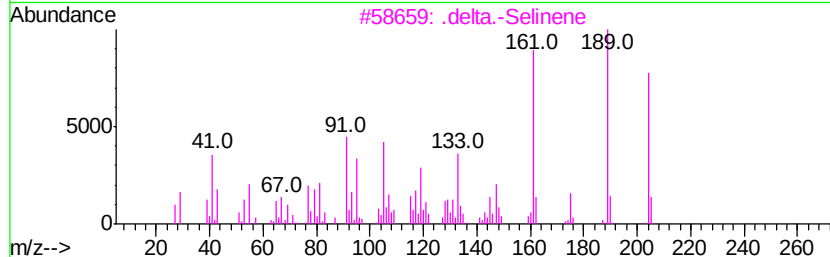
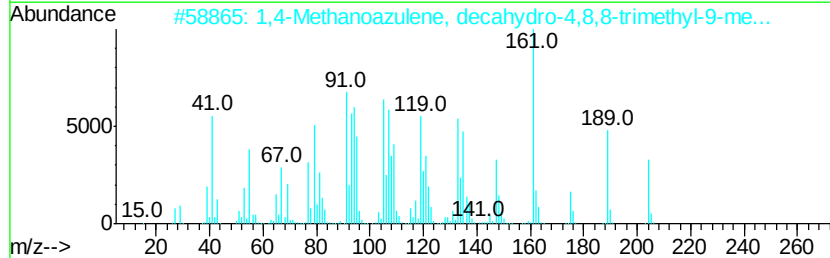
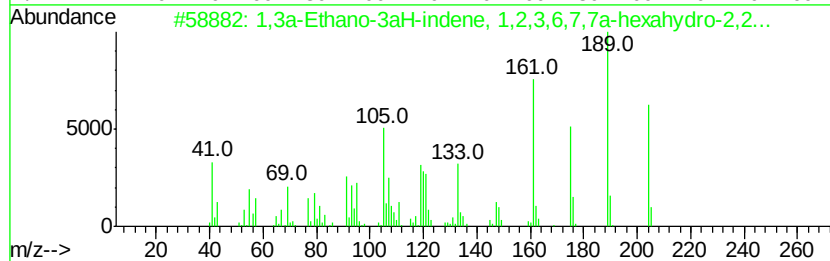
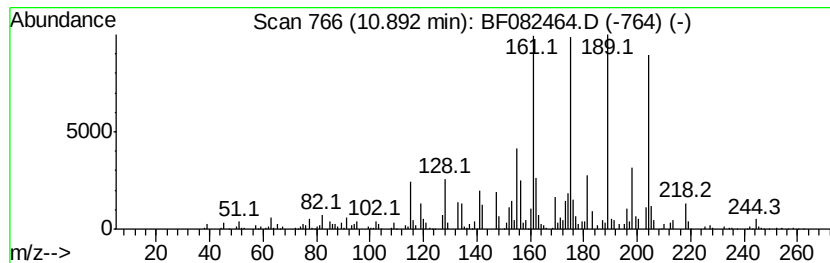
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,3a-Ethano-3aH-indene, 1,2... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.89	11.05 ng	591754	Phenanthrene-d10	11.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	52
2	1,4-Methanoazulene, decahydro-4,...	204	C15H24	000475-20-7	46
3	.delta.-Selinene	204	C15H24	028624-23-9	46
4	1,4,6-Trimethyl-1,2,3,4-tetrahyd...	204	C11H12N2O2	004951-03-5	46
5	Epizonarene	204	C15H24	1000156-10-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
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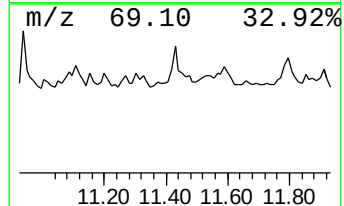
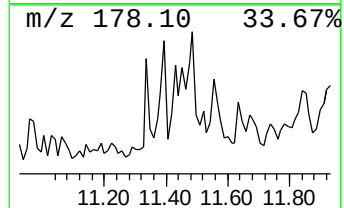
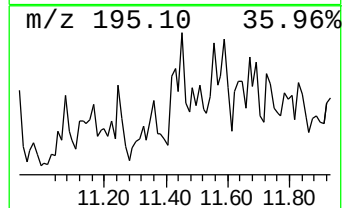
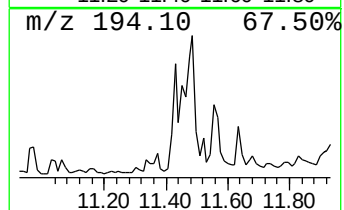
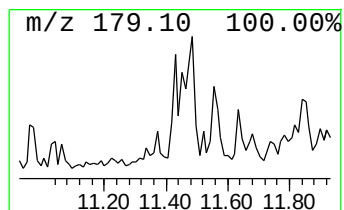
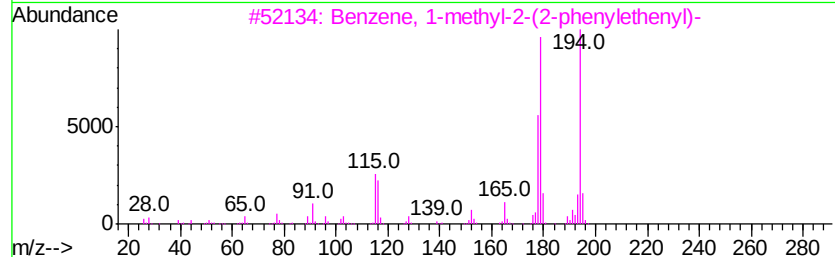
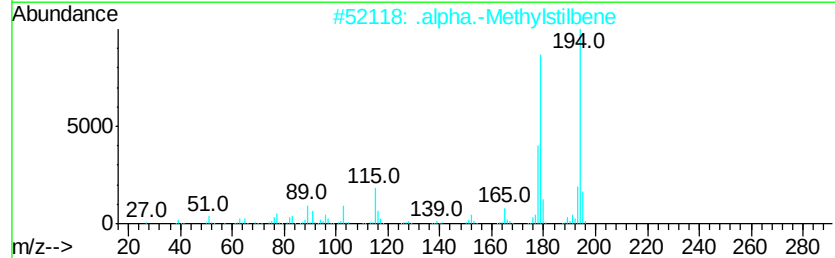
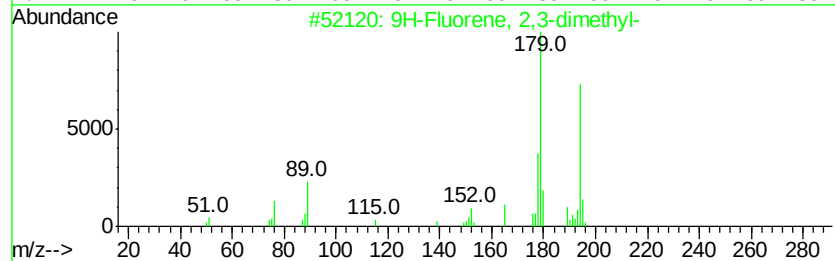
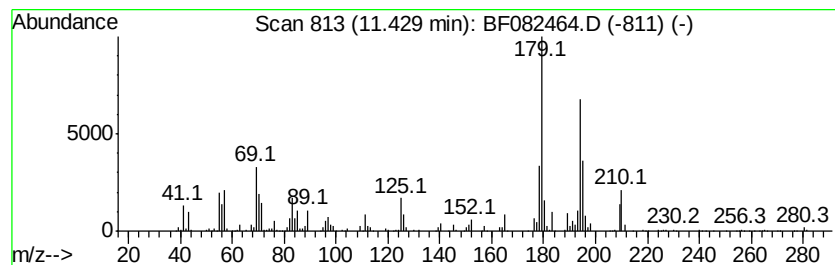
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9H-Fluorene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	20.00 ng	1071430	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	93
2		.alpha.-Methylstilbene	194	C15H14	000779-51-1	70
3		Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	49
4		Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	46
5		Benzene, 1-methyl-3-(2-phenyleth...	194	C15H14	014064-48-3	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082464.D
Acq On : 23 Oct 2015 00:22
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Sample : G4119-17
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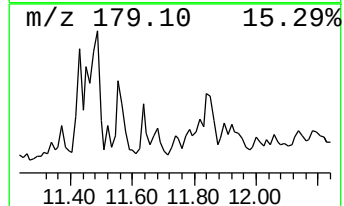
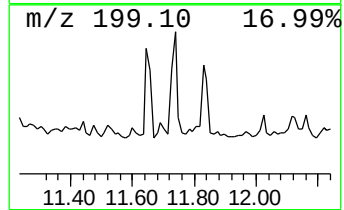
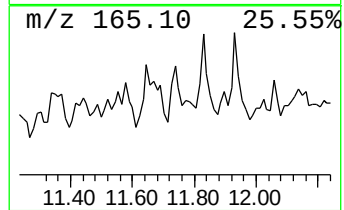
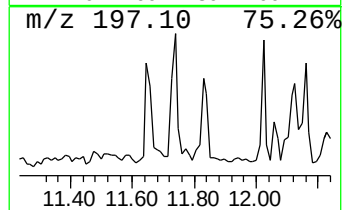
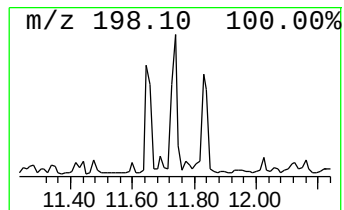
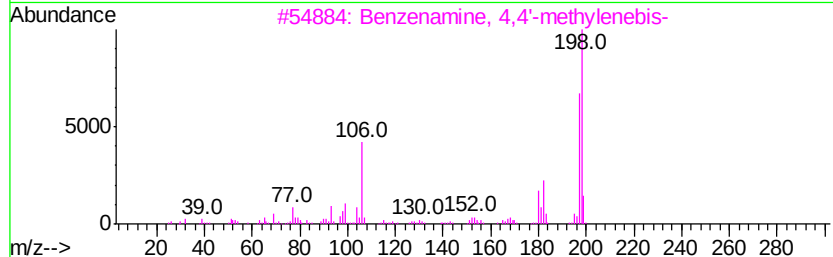
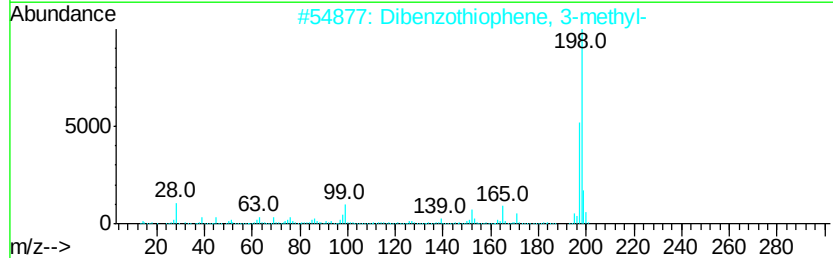
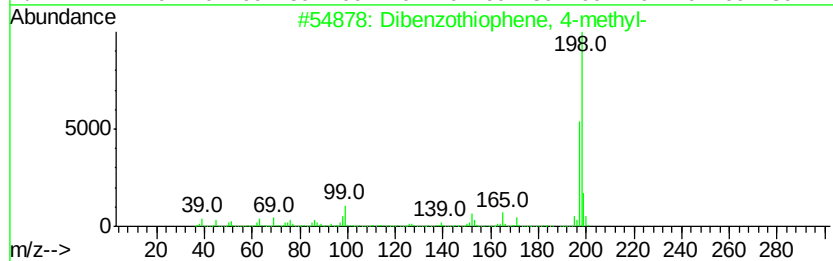
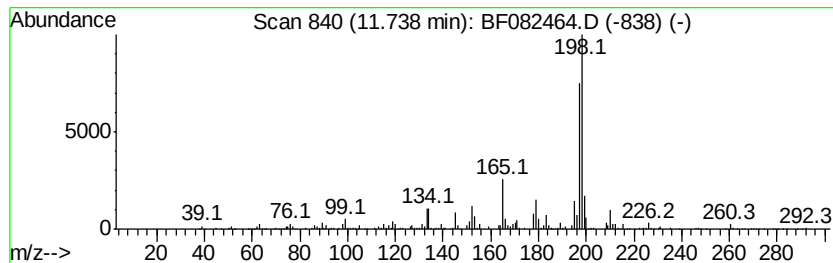
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dibenzothiophene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	18.81 ng	1007730	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
3		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	59
4		9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	58
5		Benzeneacetonitrile, 4-(1,2,3,6-...	198	C13H14N2	1000115-51-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
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Misc :
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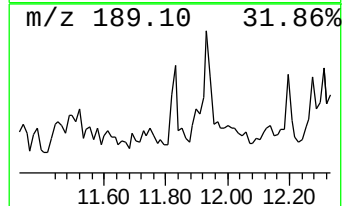
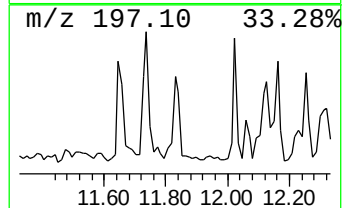
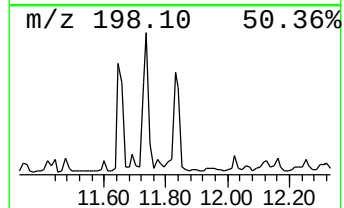
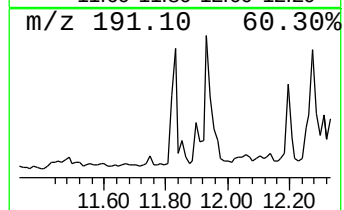
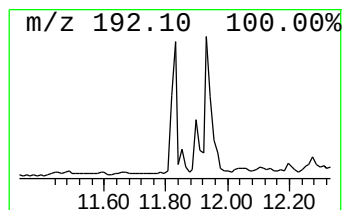
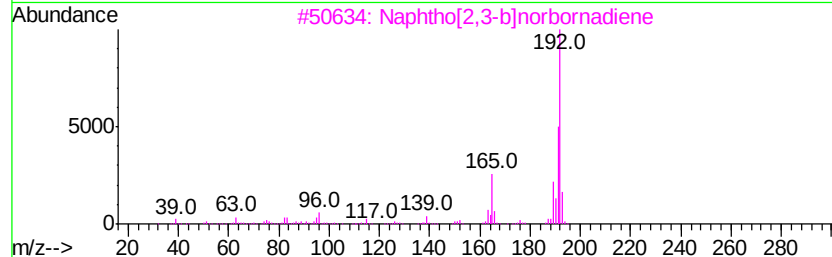
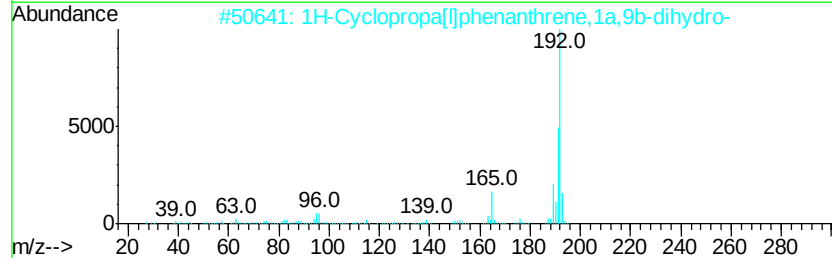
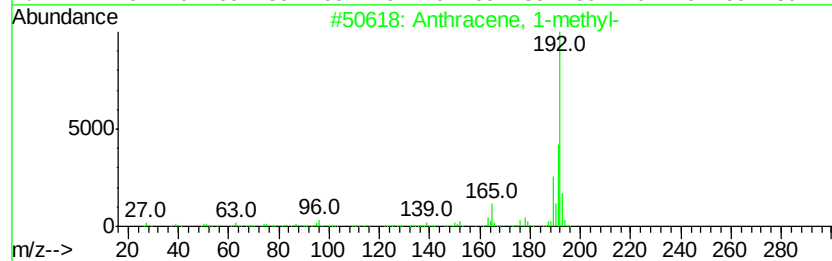
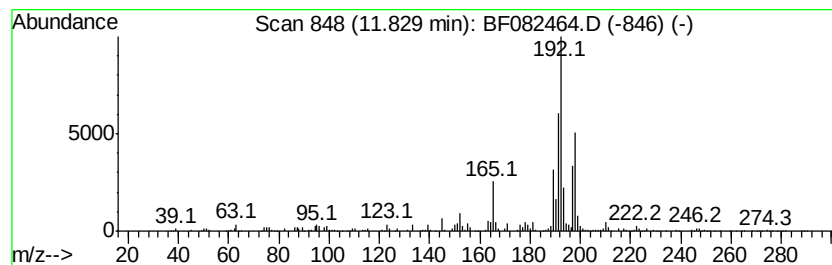
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	36.26 ng	1942260	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	60
3		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
Data File : BF082464.D
Acq On : 23 Oct 2015 00:22
Operator : UM/IZ
Sample : G4119-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
SB15-08-15.5-16

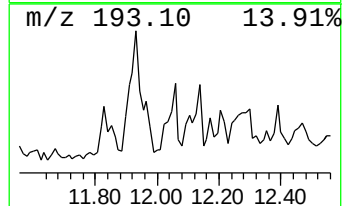
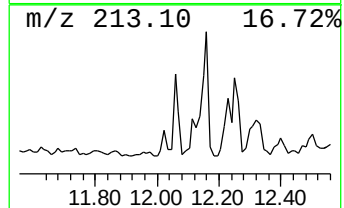
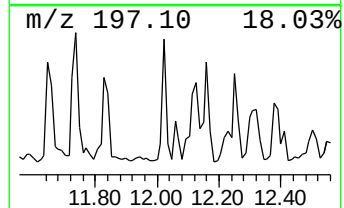
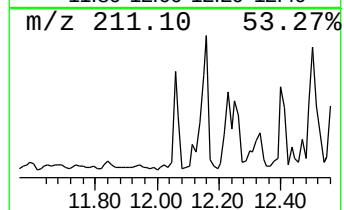
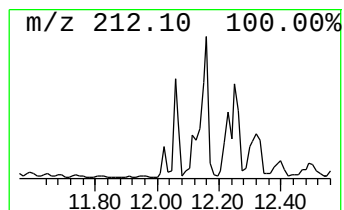
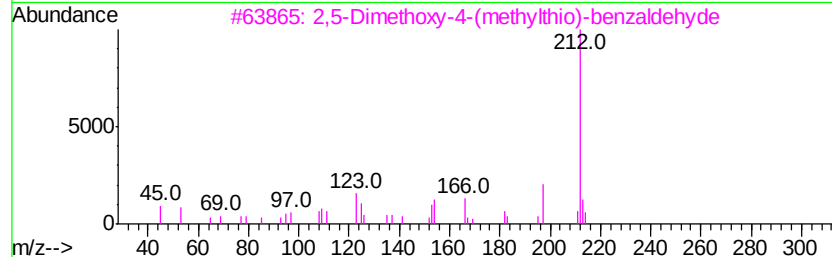
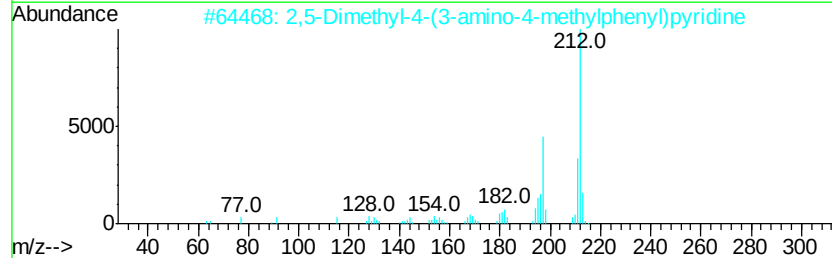
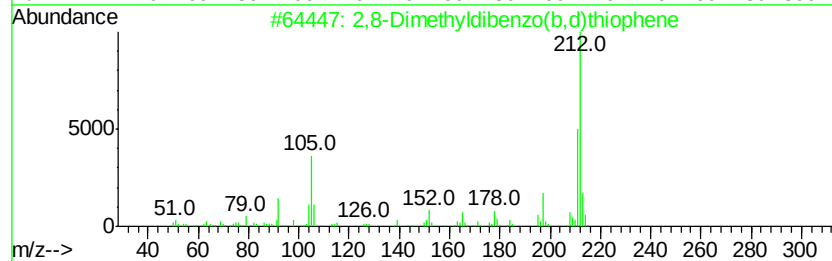
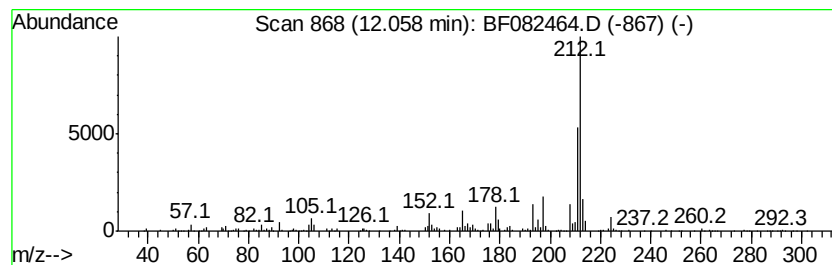
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	13.49 ng	722662	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	95
2		2,5-Dimethyl-4-(3-amino-4-methyl...	212	C14H16N2	071153-33-8	50
3		2,5-Dimethoxy-4-(methylthio)-ben...	212	C10H12O3S	061638-04-8	47
4		Imidazole, 4-trifluoromethyl-5-p...	212	C10H7F3N2	081769-65-5	46
5		2,4'-Dihydroxy-stilbene	212	C14H12O2	1000147-73-5	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
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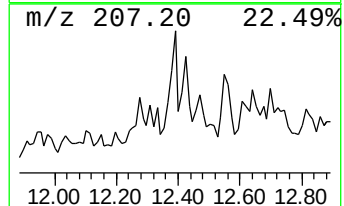
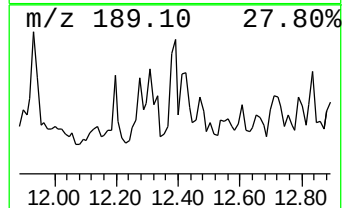
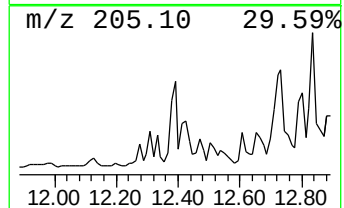
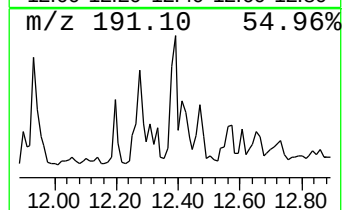
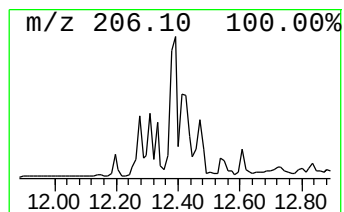
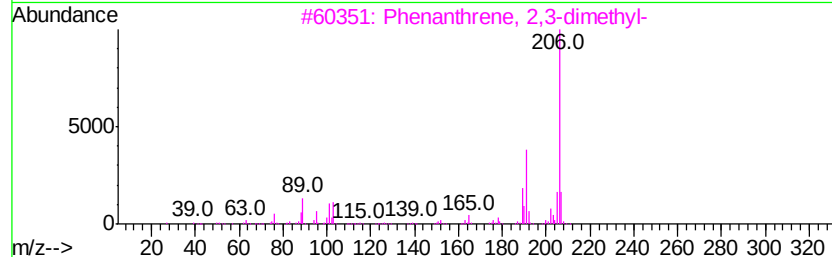
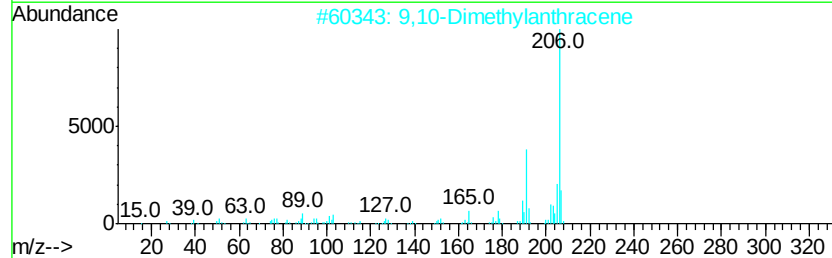
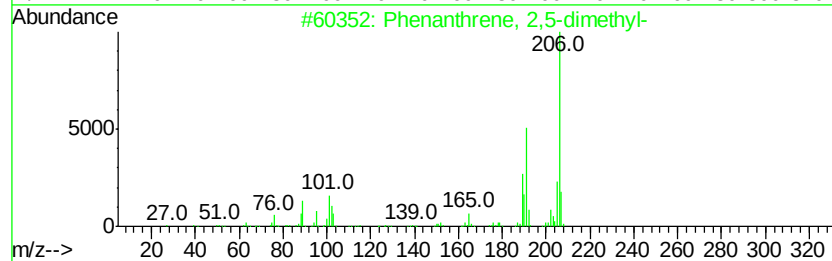
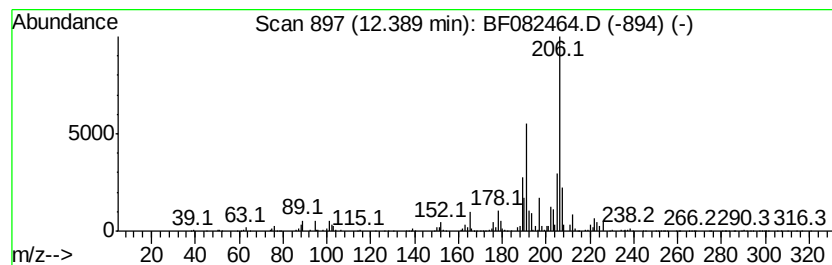
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.39	31.95 ng	1711470	Phenanthrene-d10		11.31
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082464.D
Acq On : 23 Oct 2015 00:22
Operator : UM/IZ
Sample : G4119-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB15-08-15.5-16

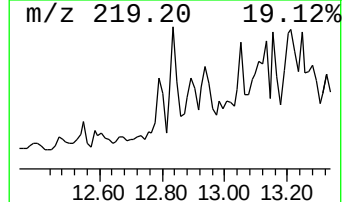
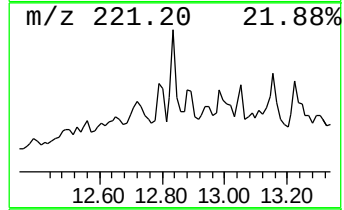
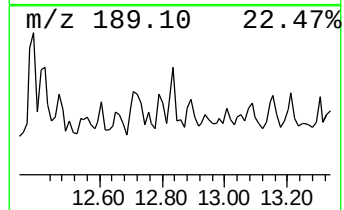
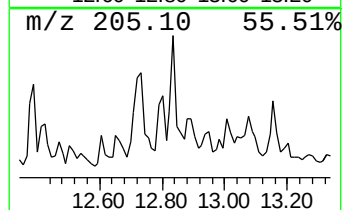
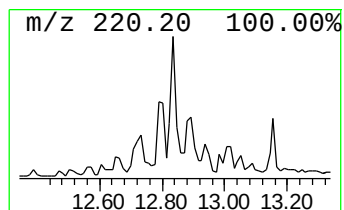
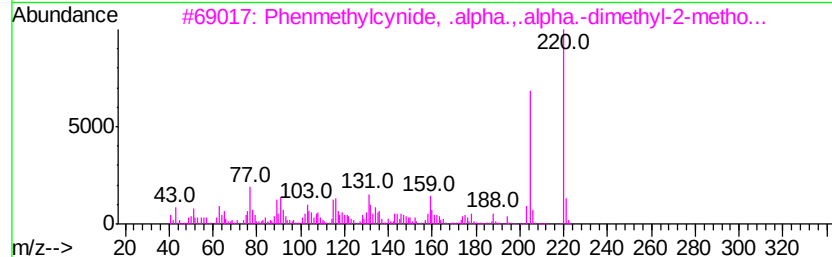
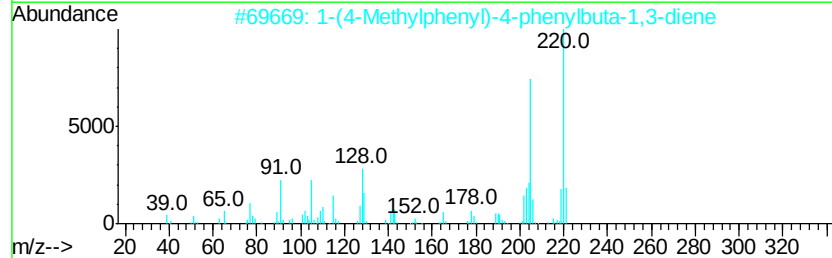
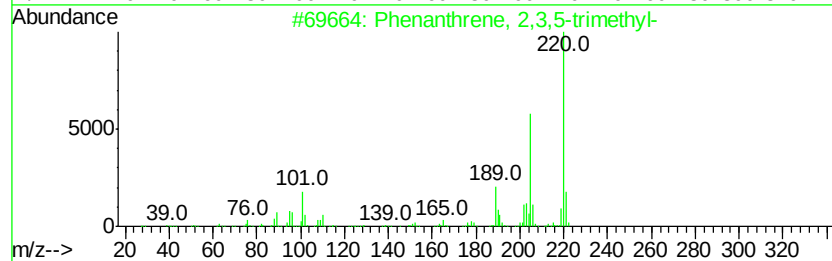
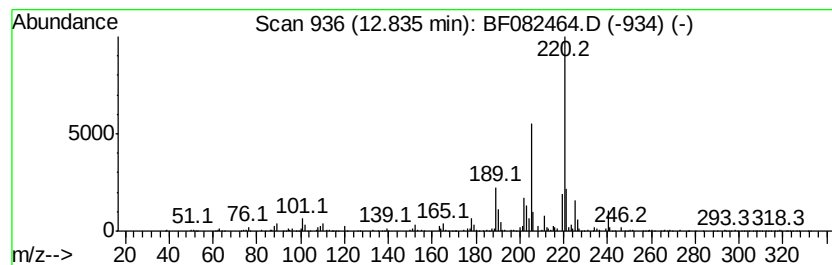
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	20.00 ng	708958	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	87
2		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	72
3		Phenmethylnide, .alpha...alpha...	220	C11H12N2O3	1000128-94-6	50
4		Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	50
5		3,5-Cyclohexadiene-1,2-dione, 3,...	220	C14H20O2	003383-21-9	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082464.D
Acq On : 23 Oct 2015 00:22
Operator : UM/IZ
Sample : G4119-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB15-08-15.5-16

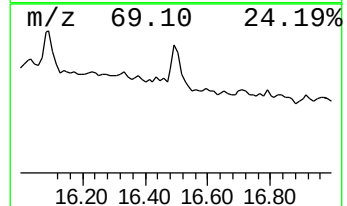
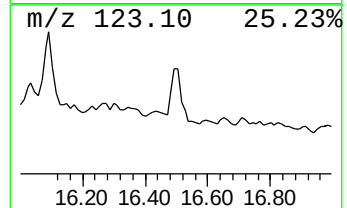
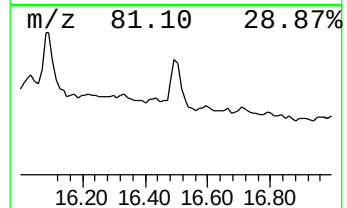
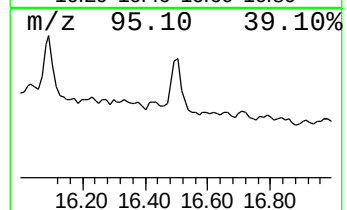
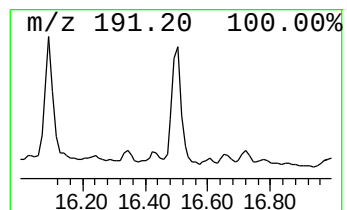
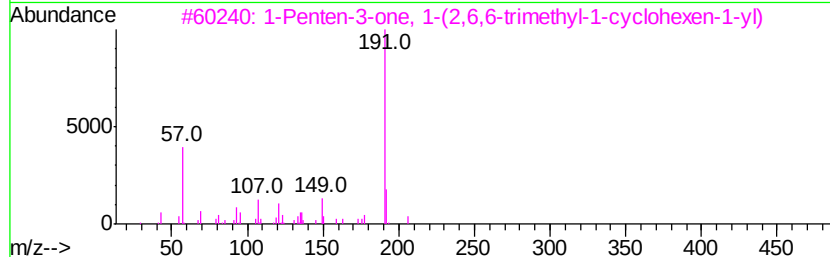
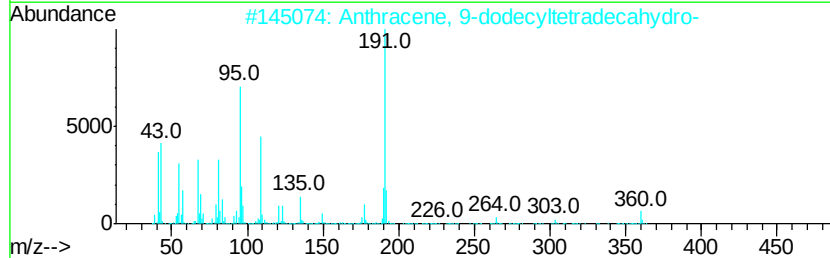
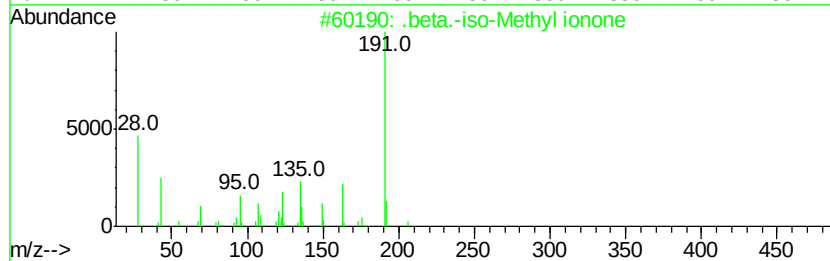
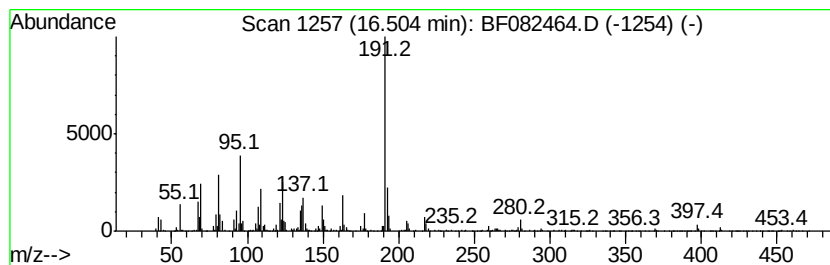
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	20.00 ng	1110340	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
2		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	50
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	49
4		3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	38
5		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
 Data File : BF082464.D
 Acq On : 23 Oct 2015 00:22
 Operator : UM/IZ
 Sample : G4119-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-15.5-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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...	4.91	30.6	ng	971512	1	6.77	633929	20.0
unknown6.54	6.54	47.8	ng	1516400	1	6.77	633929	20.0
Cyclohexane, 2-bu...	8.25	13.1	ng	641128	2	8.06	980893	20.0
unknown8.49	8.49	18.6	ng	913173	2	8.06	980893	20.0
3-Heptene, 2,6-di...	8.59	17.7	ng	867981	2	8.06	980893	20.0
Naphthalene, 1,4,...	10.14	12.3	ng	1133810	3	9.82	1851210	20.0
Naphthalene, 1,6,...	10.22	12.8	ng	1187380	3	9.82	1851210	20.0
Naphthalene, 2,3,...	10.35	13.3	ng	1228590	3	9.82	1851210	20.0
unknown10.53	10.53	10.8	ng	998036	3	9.82	1851210	20.0
Naphthalene, 1,2,...	10.73	23.9	ng	1281000	4	11.31	1071430	20.0
Naphthalene, 1-me...	10.81	17.0	ng	911346	4	11.31	1071430	20.0
1,3a-Ethano-3aH-i...	10.89	11.1	ng	591754	4	11.31	1071430	20.0
9H-Fluorene, 2,3-...	11.43	20.0	ng	1071430	4	11.31	1071430	20.0
Dibenzothiophene,...	11.74	18.8	ng	1007730	4	11.31	1071430	20.0
Anthracene, 1-met...	11.83	36.3	ng	1942260	4	11.31	1071430	20.0
2,8-Dimethyldiben...	12.06	13.5	ng	722662	4	11.31	1071430	20.0
Phenanthrene, 2,5...	12.39	31.9	ng	1711470	4	11.31	1071430	20.0
Phenanthrene, 2,3...	12.84	20.0	ng	708958	5	13.99	708958	20.0
.beta.-iso-Methyl...	16.50	20.0	ng	1110340	6	15.45	1110340	20.0