

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093224.D
 Acq On : 28 Feb 2017 00:19
 Operator : SJ/MA
 Sample : I1996-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA5-SWW

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-BF013017.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	4.990	250	254	260	rBV	1205555	1969952	42.86%	3.147%
2	5.424	290	292	295	rBV	4028366	4153723	90.36%	6.635%
3	6.476	380	384	386	rBV	3039827	4596689	100.00%	7.343%
4	6.590	391	394	396	rBV	4300344	4288325	93.29%	6.850%
5	6.819	411	414	416	rBV	795451	1026143	22.32%	1.639%
6	6.967	425	427	430	rBV	2889668	3181031	69.20%	5.082%
7	7.390	461	464	466	rBV	2599486	3105462	67.56%	4.961%
8	8.099	524	526	530	rBV	1576355	1452175	31.59%	2.320%
9	9.185	618	621	623	rBV	2988756	4298531	93.51%	6.867%
10	9.516	645	650	653	rBV	41225	80729	1.76%	0.129%
11	9.573	653	655	658	rVV	1200794	1170497	25.46%	1.870%
12	9.710	665	667	670	rBV	99825	123989	2.70%	0.198%
13	9.790	672	674	676	rBV	40295	48399	1.05%	0.077%
14	9.859	677	680	681	rVV	1262185	1389495	30.23%	2.220%
15	9.882	681	682	685	rVB	118695	128090	2.79%	0.205%
16	9.996	687	692	694	rBV	922825	945618	20.57%	1.511%
17	10.065	696	698	700	rVB2	59740	84080	1.83%	0.134%
18	10.259	713	715	716	rBV	40481	51565	1.12%	0.082%
19	10.282	716	717	718	rVV	103959	79589	1.73%	0.127%
20	10.362	721	724	726	rBV2	48881	66669	1.45%	0.106%
21	10.396	726	727	730	rVB	112588	129359	2.81%	0.207%
22	10.510	734	737	740	rBV3	33730	73504	1.60%	0.117%
23	10.648	746	749	751	rBV	2115955	2121539	46.15%	3.389%
24	10.762	757	759	763	rVB2	128590	212319	4.62%	0.339%
25	10.945	772	775	777	rBV2	53656	98226	2.14%	0.157%
26	11.082	784	787	791	rBV4	34324	89635	1.95%	0.143%
27	11.151	791	793	795	rVB	68242	60906	1.32%	0.097%
28	11.208	795	798	799	rBV3	121394	171510	3.73%	0.274%
29	11.231	799	800	803	rVB	85250	115435	2.51%	0.184%
30	11.345	807	810	811	rBV	1070031	1553816	33.80%	2.482%
31	11.368	811	812	814	rVV	1221520	883111	19.21%	1.411%
32	11.413	814	816	818	rVB	360086	317229	6.90%	0.507%
33	11.448	818	819	822	rBV	42328	51623	1.12%	0.082%
34	11.573	827	830	834	rBV2	140464	245215	5.33%	0.392%

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Sampling : 1

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35	11.631	834	835	837 rVV	129266	123103	2.68%	0.197%
36	11.676	837	839	841 rVB3	35775	47380	1.03%	0.076%
37	11.836	851	853	855 rBV	134816	211921	4.61%	0.339%
38	11.871	855	856	858 rVV	318784	245033	5.33%	0.391%
39	11.916	858	860	861 rVV2	118903	120241	2.62%	0.192%
40	11.951	861	863	868 rVB	343278	507653	11.04%	0.811%
41	12.042	868	871	873 rBV2	52941	117055	2.55%	0.187%
42	12.133	875	879	881 rBV	132354	176057	3.83%	0.281%
43	12.168	881	882	885 rVB	119118	93103	2.03%	0.149%
44	12.282	889	892	894 rBV3	55986	88200	1.92%	0.141%
45	12.396	899	902	903 rBV	131229	218306	4.75%	0.349%
46	12.431	903	905	908 rVB	131259	192952	4.20%	0.308%
47	12.488	908	910	913 rBV	111612	171251	3.73%	0.274%
48	12.556	913	916	918 rBV	2312970	2052723	44.66%	3.279%
49	12.614	918	921	923 rBV2	32118	73606	1.60%	0.118%
50	12.648	923	924	926 rVB	92424	75183	1.64%	0.120%
51	12.705	926	929	930 rBV2	93494	131845	2.87%	0.211%
52	12.785	933	936	939 rBV	2007086	2174771	47.31%	3.474%
53	12.831	939	940	943 rVB2	92371	121767	2.65%	0.195%
54	12.934	946	949	951 rVV	2225117	3009284	65.47%	4.807%
55	13.002	952	955	961 rBV3	155258	412096	8.97%	0.658%
56	13.116	961	965	966 rBV2	237358	436465	9.50%	0.697%
57	13.174	966	970	972 rBV3	143483	311605	6.78%	0.498%
58	13.219	972	974	977 rVB2	194117	272994	5.94%	0.436%
59	13.311	980	982	983 rVV	118467	117897	2.56%	0.188%
60	13.334	983	984	989 rVV2	92647	146854	3.19%	0.235%
61	13.494	996	998	1000 rBV3	68307	149154	3.24%	0.238%
62	13.619	1005	1009	1013 rBV2	156703	320501	6.97%	0.512%
63	13.734	1016	1019	1020 rBV	167567	244541	5.32%	0.391%
64	13.779	1022	1023	1025 rVV	114695	158573	3.45%	0.253%
65	13.825	1025	1027	1030 rVB3	277173	382000	8.31%	0.610%
66	13.974	1036	1040	1047 rBV3	1310554	3519966	76.58%	5.623%
67	14.088	1048	1050	1051 rVV	199238	203771	4.43%	0.326%
68	14.134	1052	1054	1057 rVV3	111829	235430	5.12%	0.376%
69	14.214	1059	1061	1062 rVB2	82661	79186	1.72%	0.126%
70	14.328	1070	1071	1072 rBV	75757	84925	1.85%	0.136%
71	14.374	1072	1075	1076 rVV	183079	271175	5.90%	0.433%

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72	14.408	1076	1078	1079	rVV2	68415	103120	2.24%	0.165%
73	14.465	1079	1083	1084	rVV3	104526	204137	4.44%	0.326%
74	14.682	1100	1102	1104	rBV2	67756	112241	2.44%	0.179%
75	14.854	1115	1117	1121	rBV2	81818	155500	3.38%	0.248%
76	15.002	1127	1130	1134	rBV	825535	1772592	38.56%	2.832%
77	15.105	1137	1139	1141	rVB	187496	231436	5.03%	0.370%
78	15.288	1153	1155	1158	rVB	461975	650564	14.15%	1.039%
79	15.357	1158	1161	1163	rBV	718296	951006	20.69%	1.519%
80	15.414	1163	1166	1167	rBV	691364	827615	18.00%	1.322%
81	15.825	1200	1202	1204	rBV	86990	131637	2.86%	0.210%
82	16.454	1255	1257	1262	rVB5	55493	110059	2.39%	0.176%
83	16.808	1285	1288	1297	rVB	356455	786030	17.10%	1.256%
84	16.968	1300	1302	1305	rBV	55287	102231	2.22%	0.163%
85	17.231	1321	1325	1329	rBV	249914	510191	11.10%	0.815%
86	17.460	1342	1345	1353	rVB2	88004	289029	6.29%	0.462%

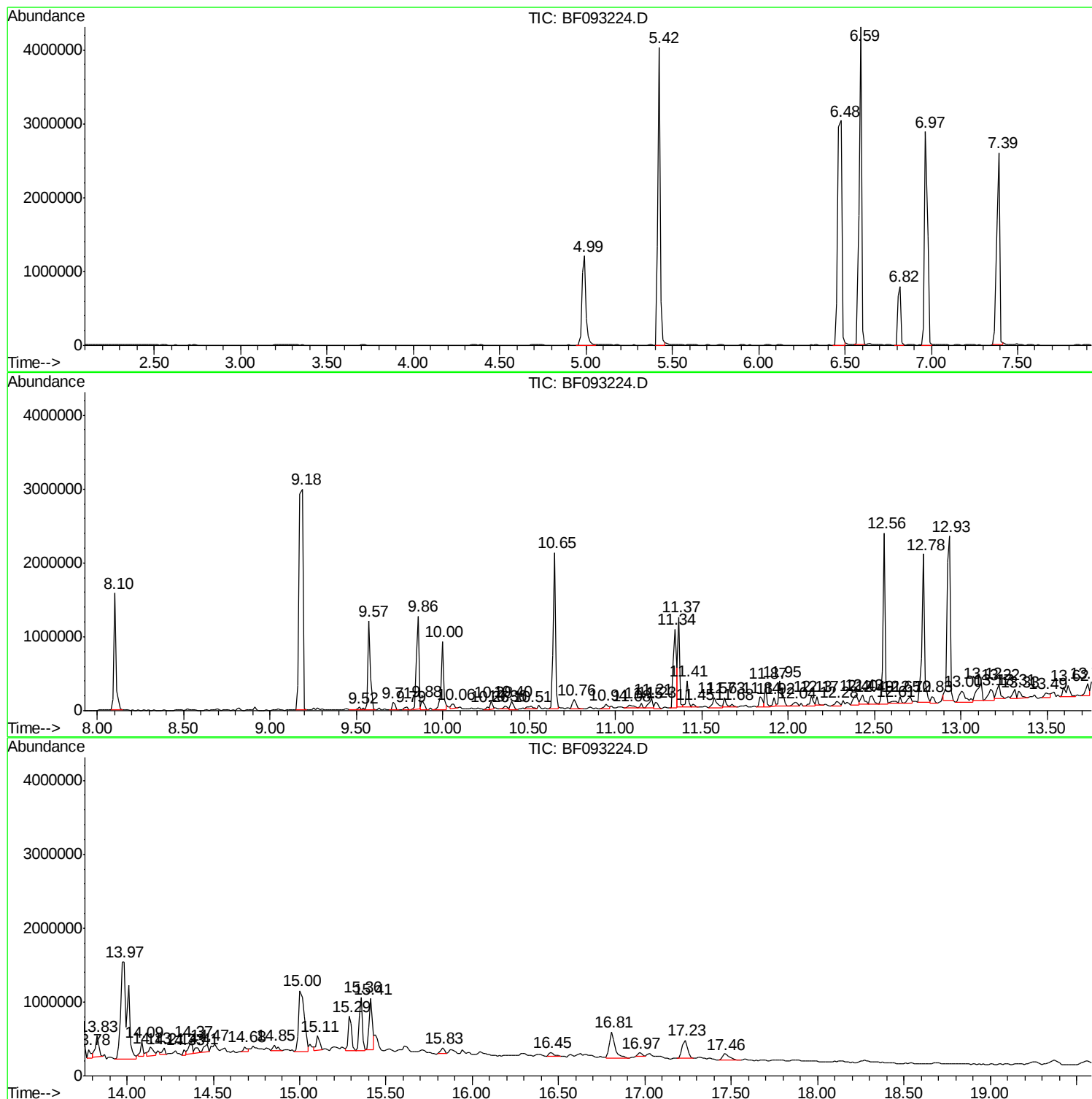
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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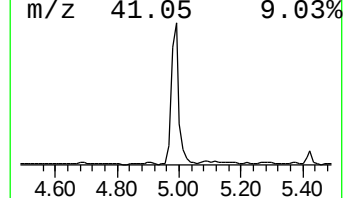
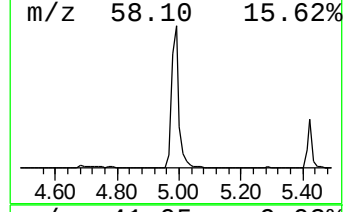
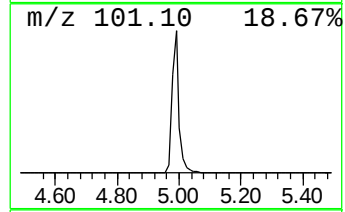
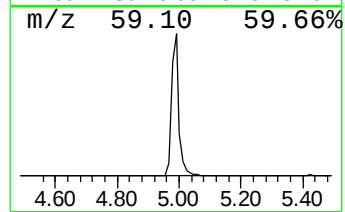
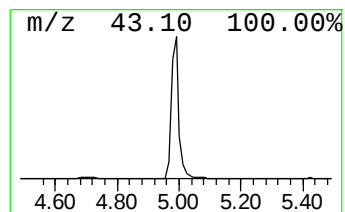
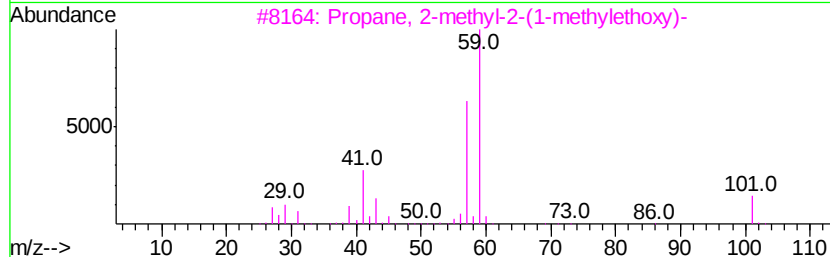
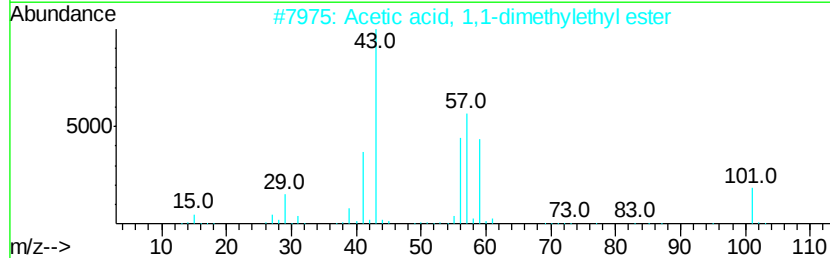
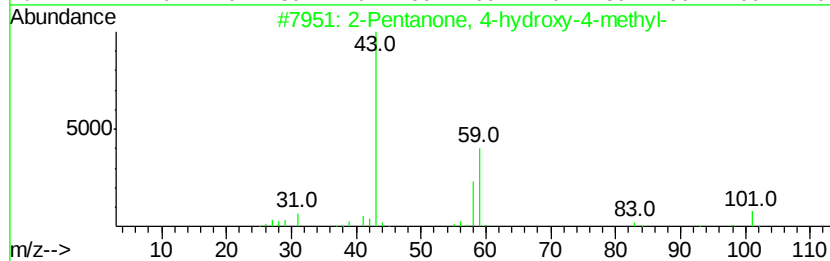
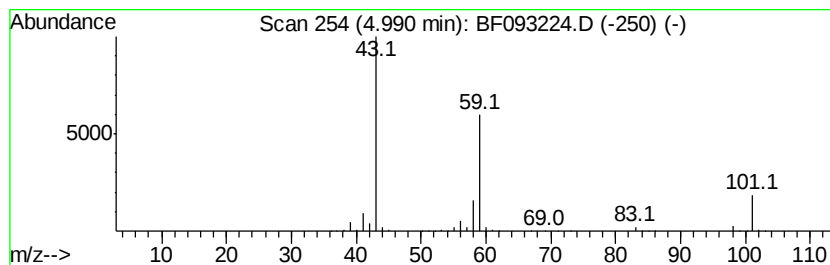
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	38.40 ng	1969950	1,4-Dichlorobenzene-d4	6.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39	
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36	
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23	



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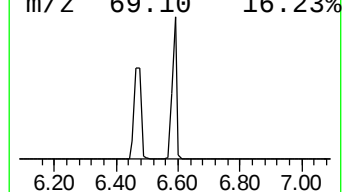
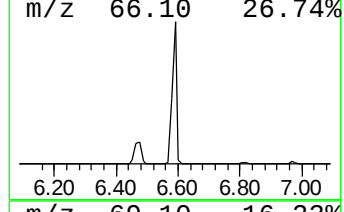
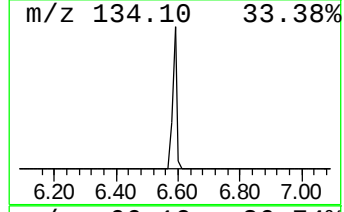
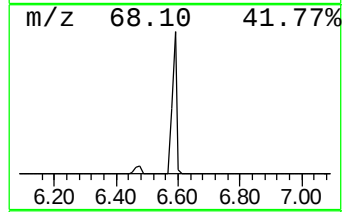
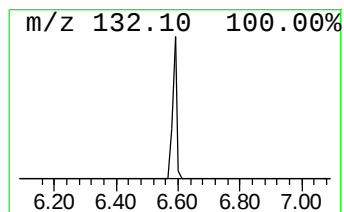
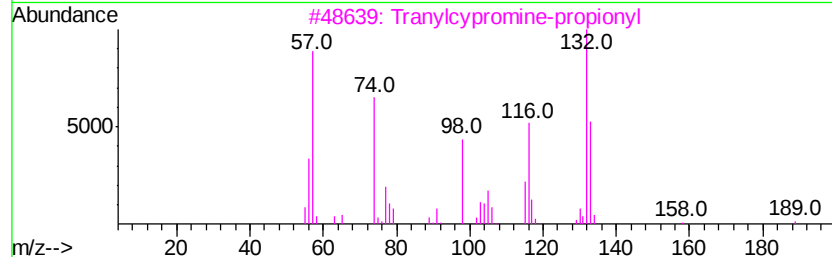
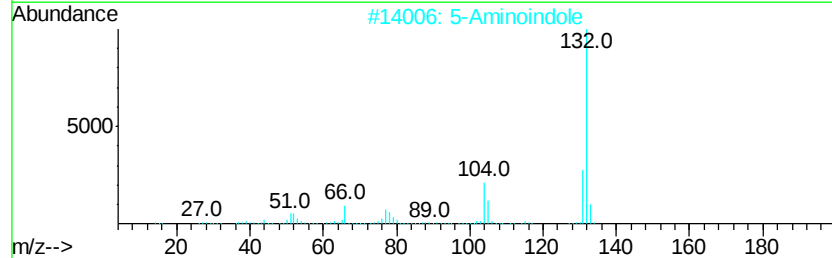
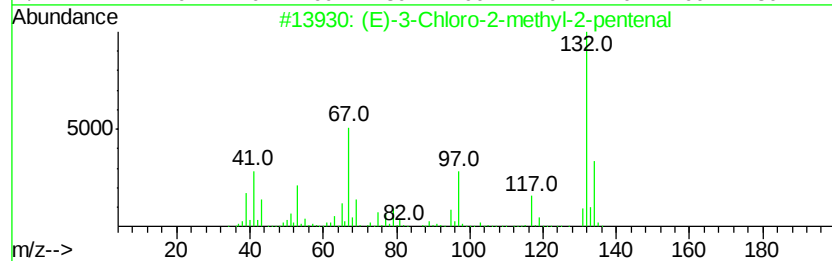
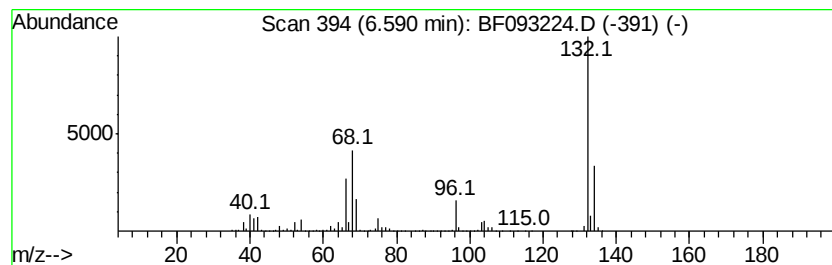
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	83.58 ng	4288330	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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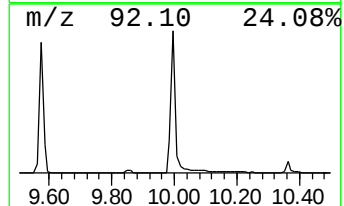
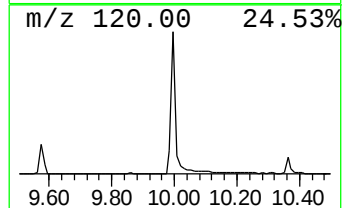
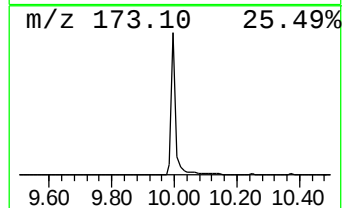
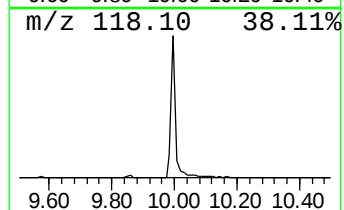
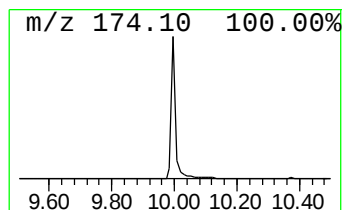
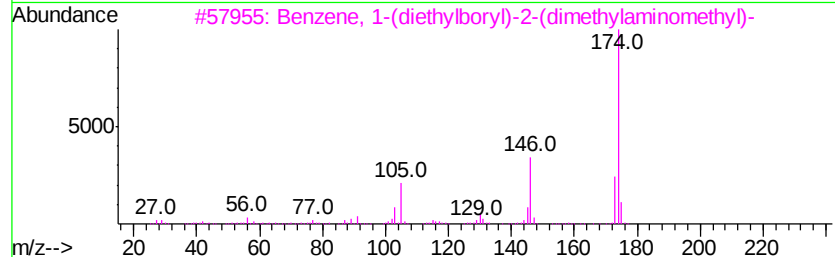
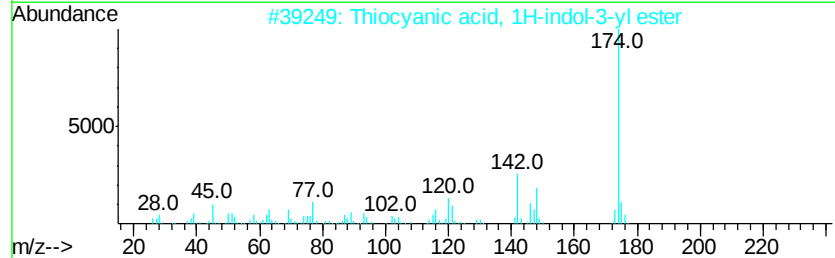
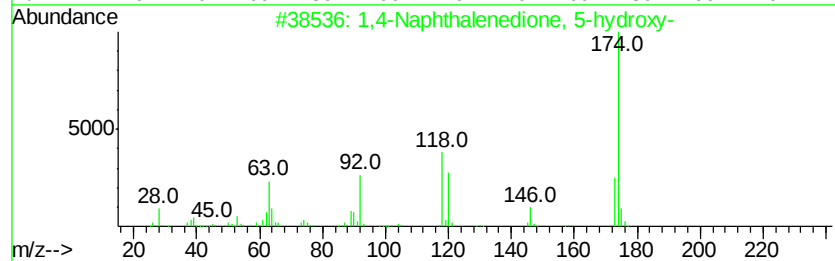
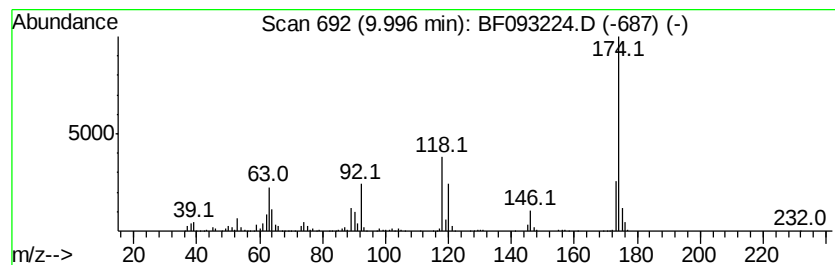
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,4-Naphthalenedione, 5-hyd... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	13.61 ng	945618	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	98
2		Thiocyanic acid, 1H-indol-3-yl e...	174	C9H6N2S	023706-25-4	43
3		Benzene, 1-(diethylborvl)-2-(dim...	203	C13H22BN	1000162-42-1	38
4		3-Ethyl-1,2-dihydro-2-oxoquinoxal...	174	C10H10N2O	013297-35-3	37
5		2,3-Dimethylchromone	174	C11H10O2	017584-90-6	35



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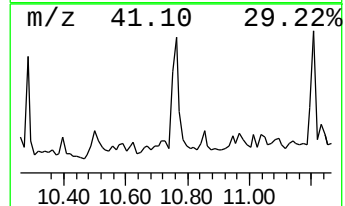
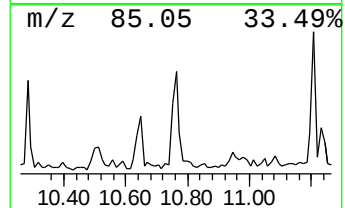
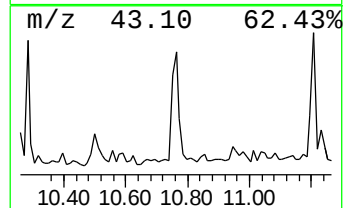
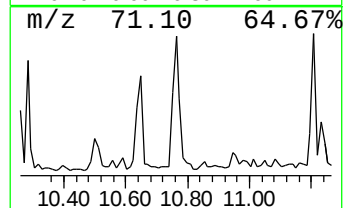
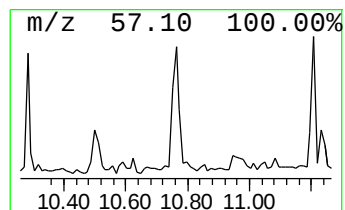
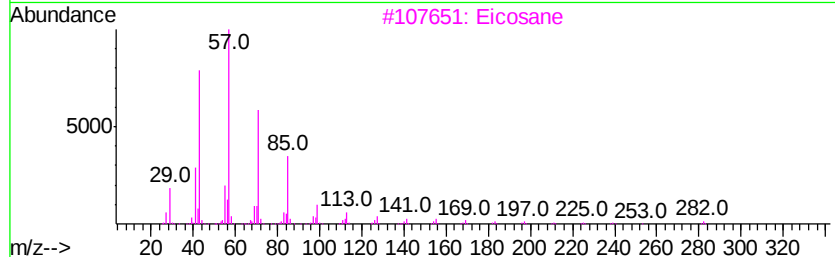
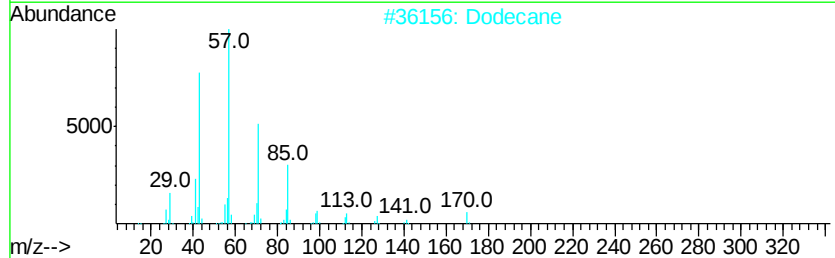
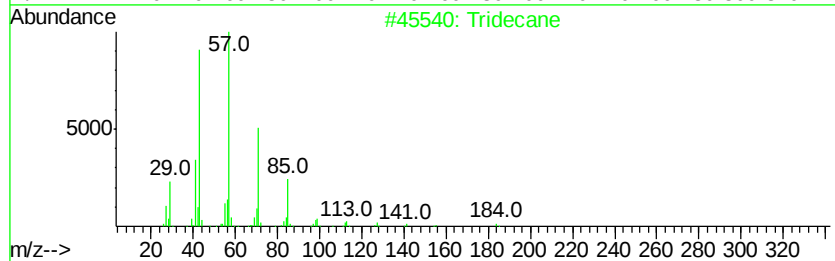
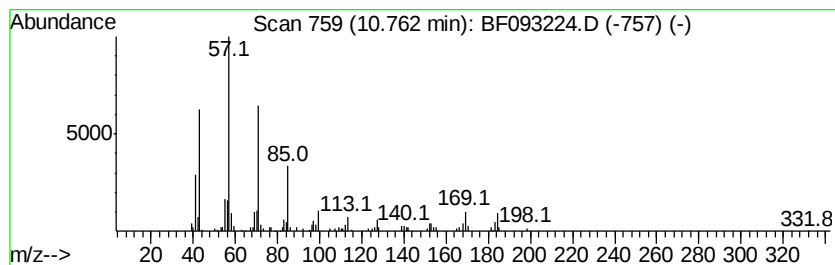
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ClientSampleId :
E2-AA5-SWW

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
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 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.76	2.73 ng	212319	Phenanthrene-d10		11.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	74
2	Dodecane	170	C12H26	000112-40-3	70
3	Eicosane	282	C20H42	000112-95-8	64
4	Heptacosane	380	C27H56	000593-49-7	62
5	Pentadecane	212	C15H32	000629-62-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093224.D
Acq On : 28 Feb 2017 00:19
Operator : SJ/MA
Sample : I1996-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

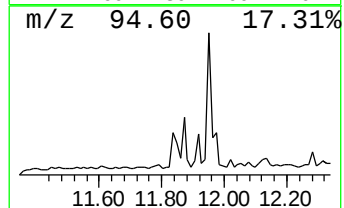
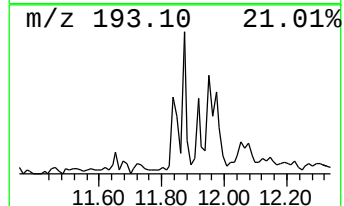
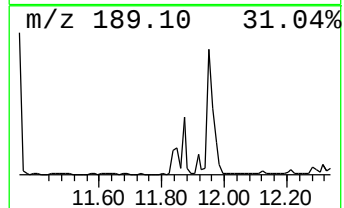
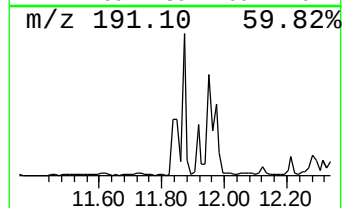
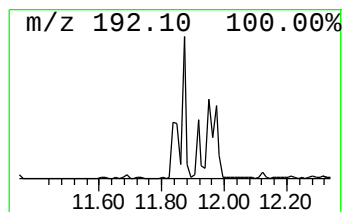
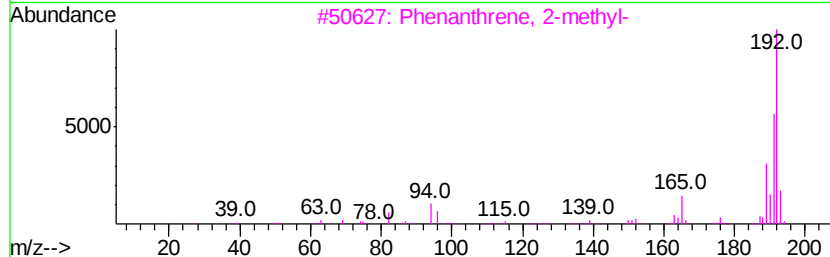
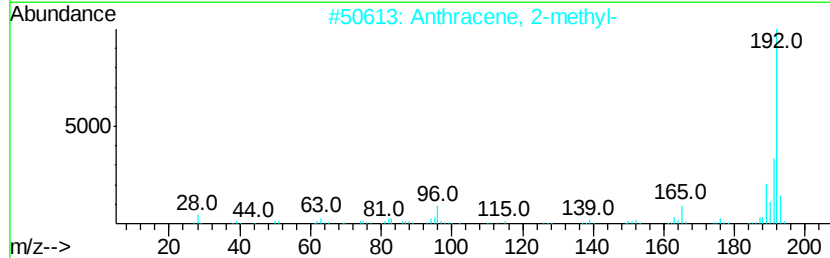
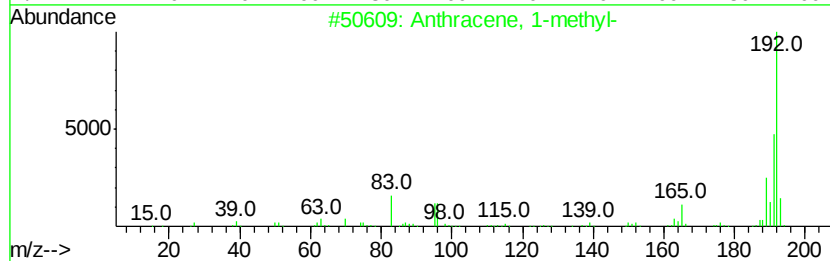
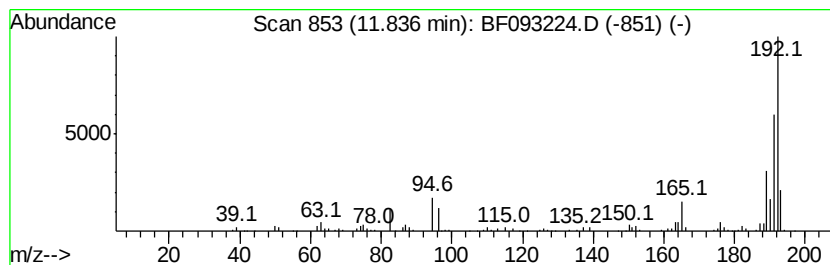
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.84	2.73 ng	211921	Phenanthrene-d10		11.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093224.D
Acq On : 28 Feb 2017 00:19
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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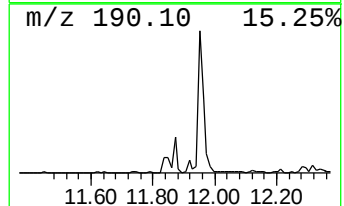
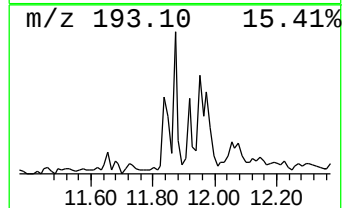
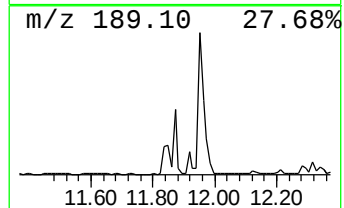
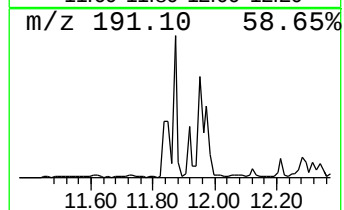
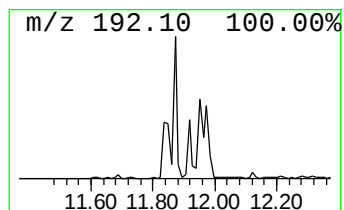
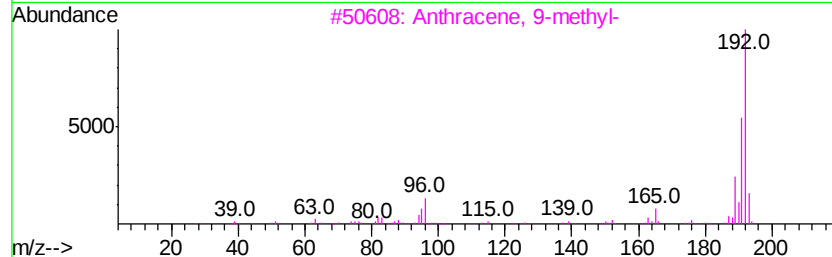
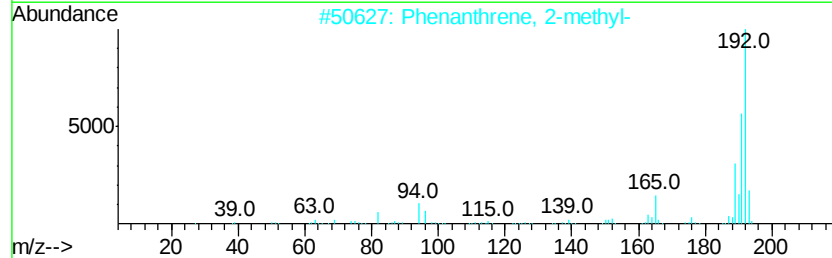
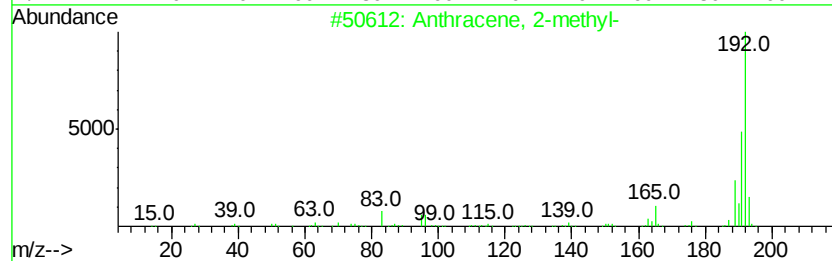
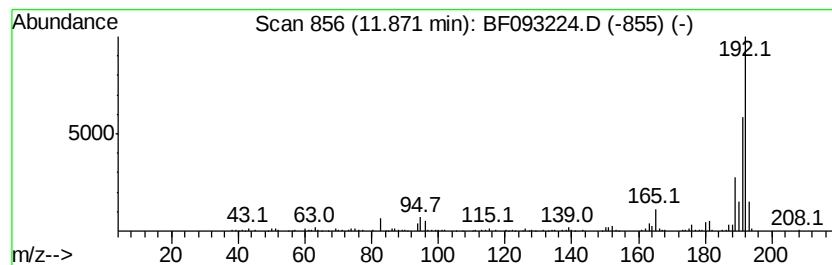
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.15 ng	245033	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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Acq On : 28 Feb 2017 00:19
Operator : SJ/MA
Sample : I1996-01
Misc :
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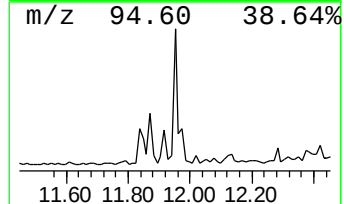
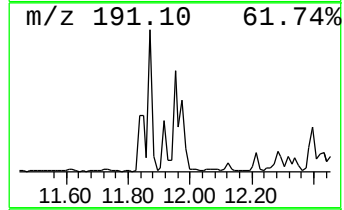
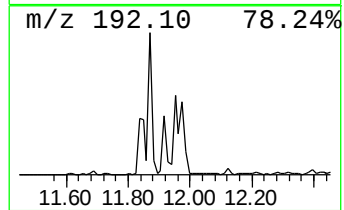
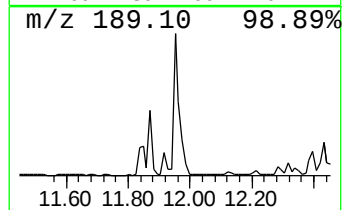
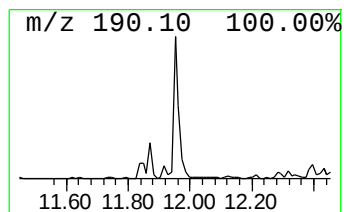
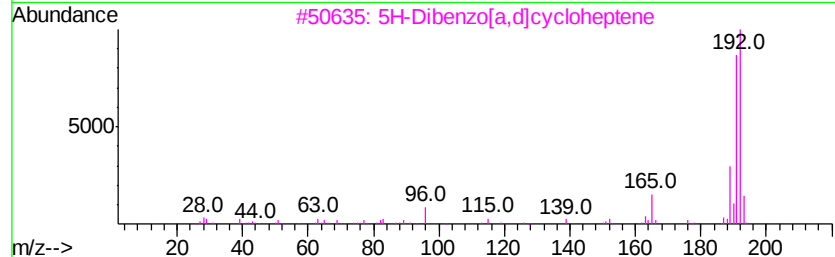
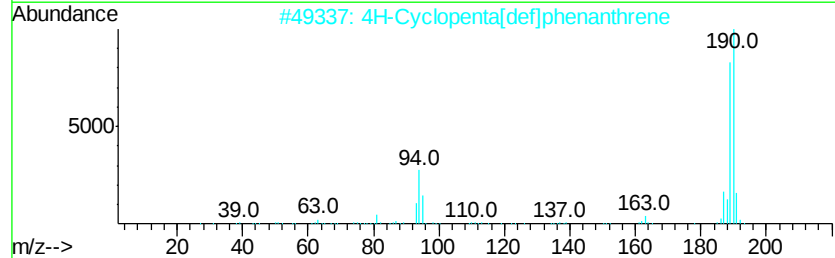
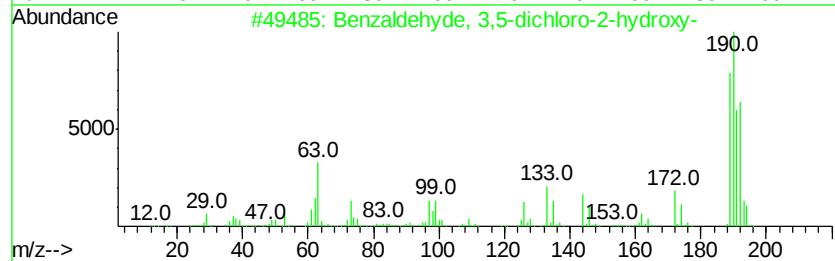
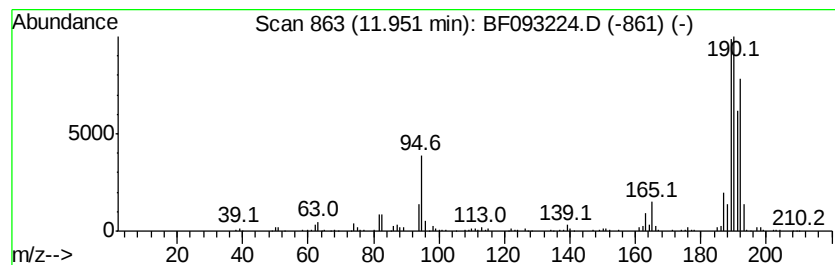
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	6.53 ng	507653	Phenanthrene-d10	11.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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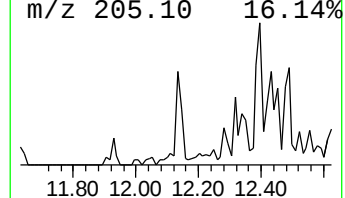
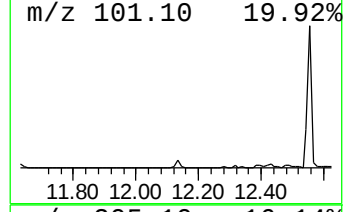
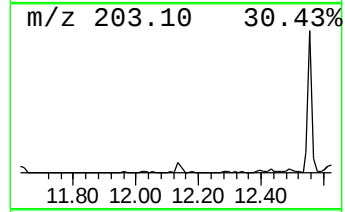
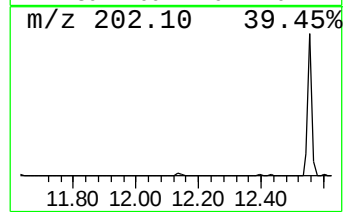
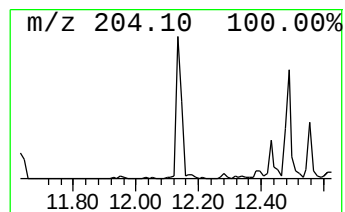
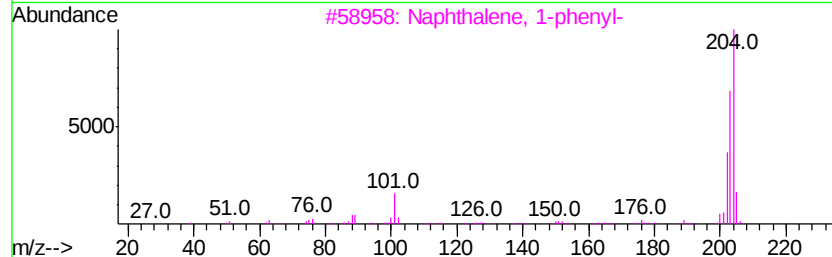
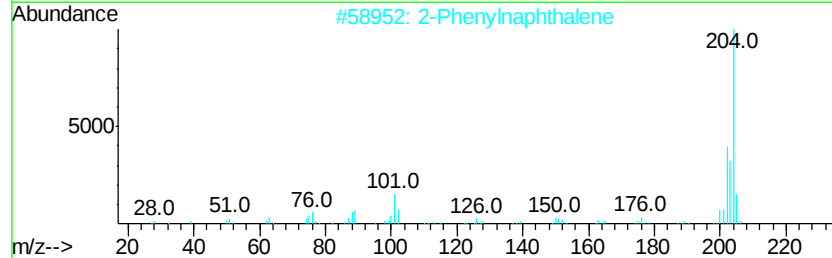
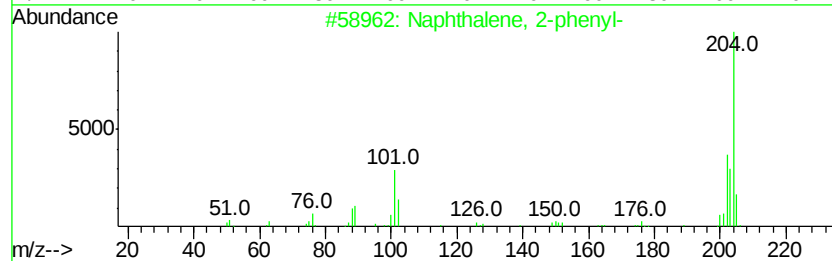
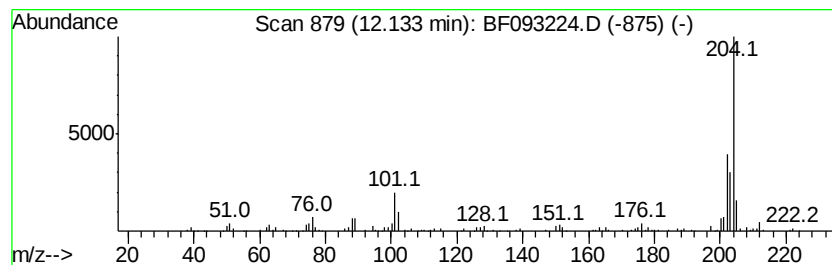
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.27 ng	176057	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	92
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4		5,16[1',2':8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093224.D
Acq On : 28 Feb 2017 00:19
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ClientSampleId :
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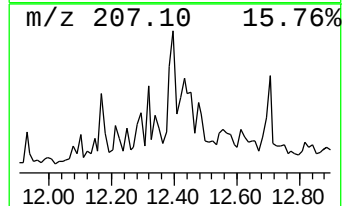
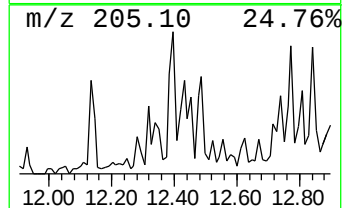
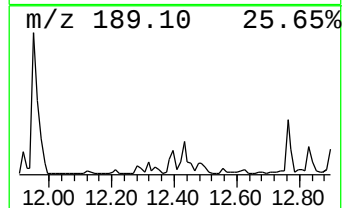
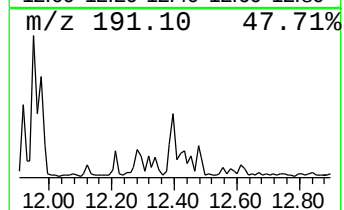
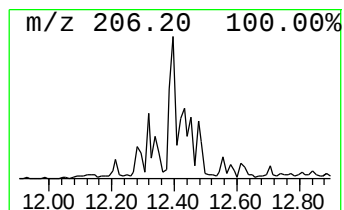
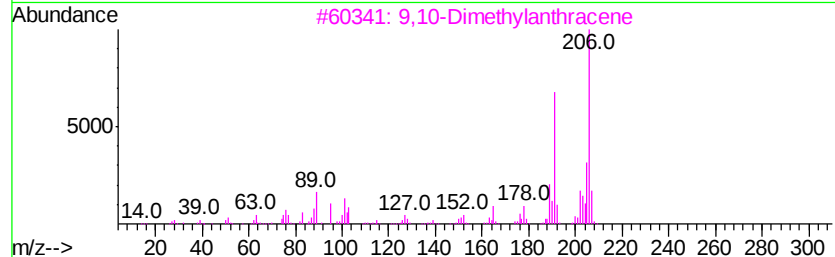
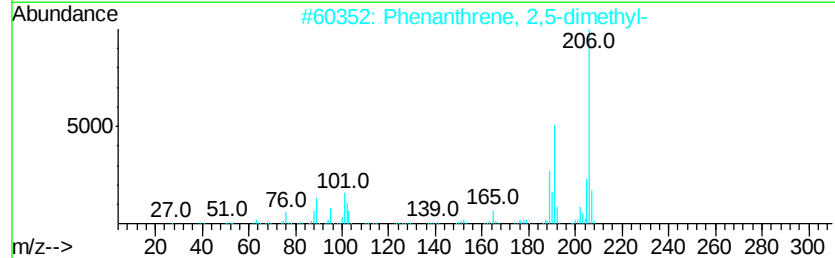
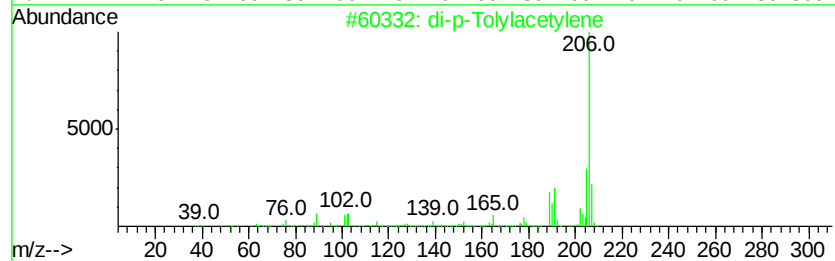
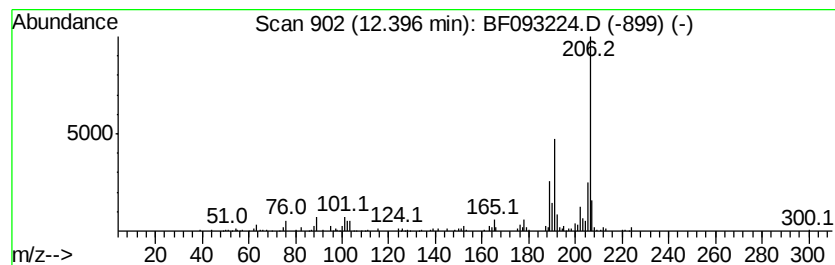
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.81 ng	218306	Phenanthrene-d10	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	96
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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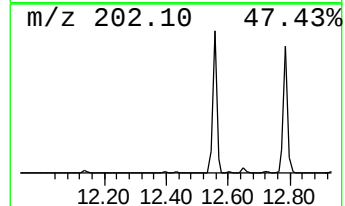
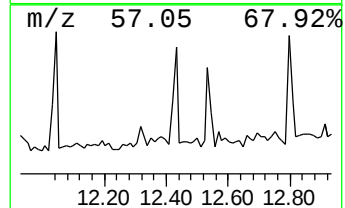
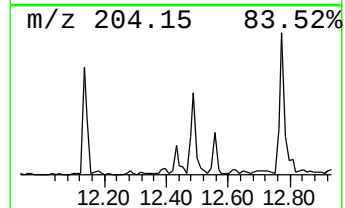
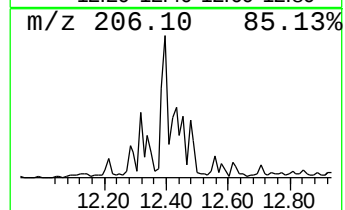
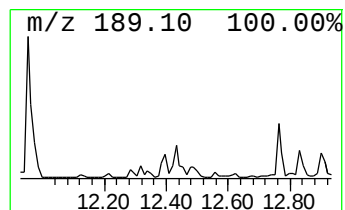
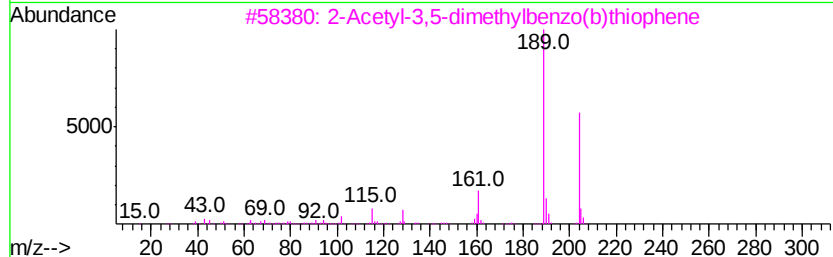
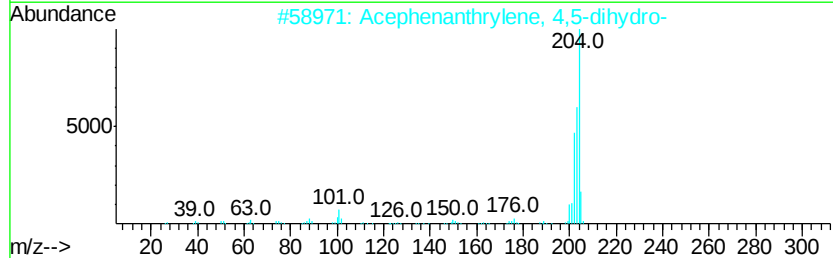
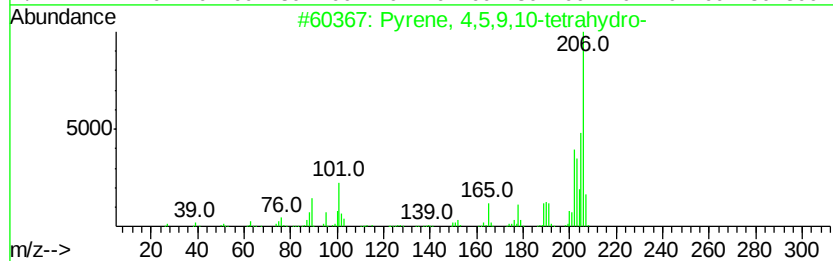
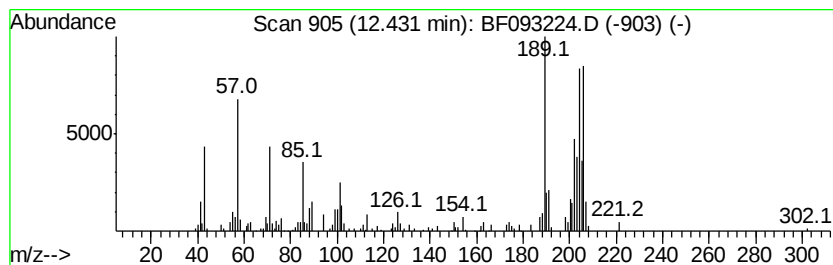
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.43 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.43	2.48 ng	192952	Phenanthrene-d10	11.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30
3		2-Acetyl-3,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-05-1	27
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	25
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Sample : I1996-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

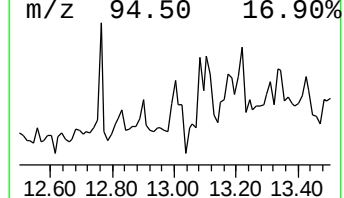
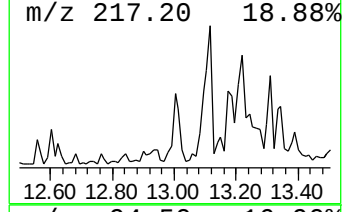
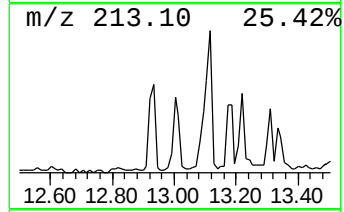
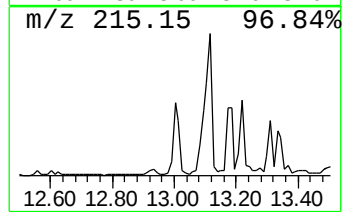
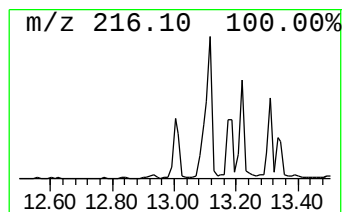
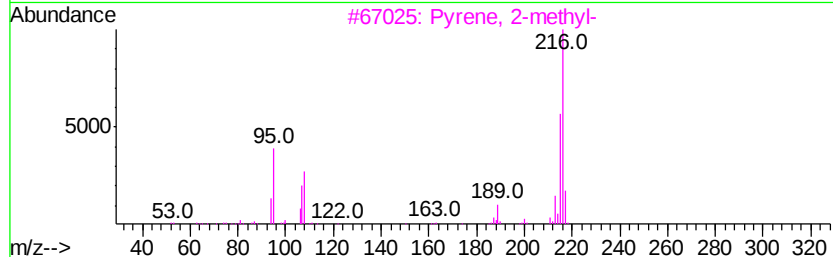
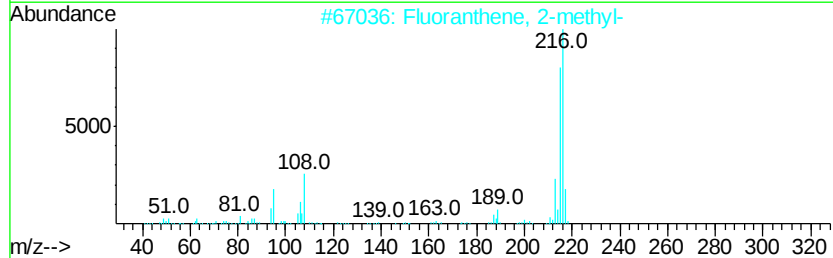
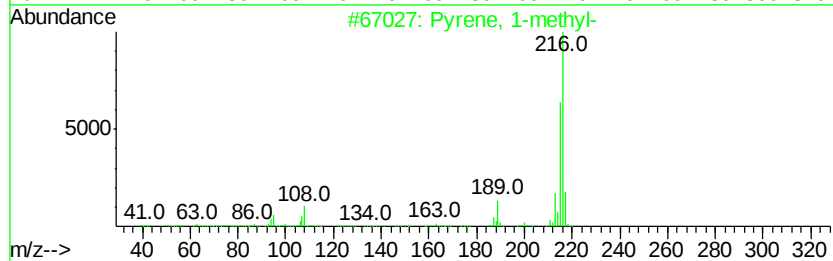
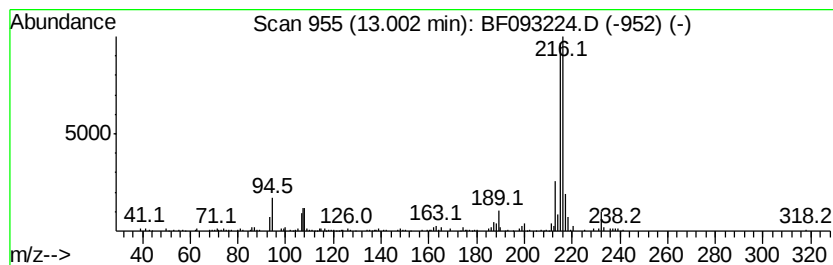
Instrument :
BNA_F
ClientSampleId :
E2-AA5-SWW

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.34 ng	412096	Chrysene-d12	13.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 91
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 89
3		Pyrene, 2-methyl-	216 C17H12	003442-78-2 86
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 83
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093224.D
Acq On : 28 Feb 2017 00:19
Operator : SJ/MA
Sample : I1996-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

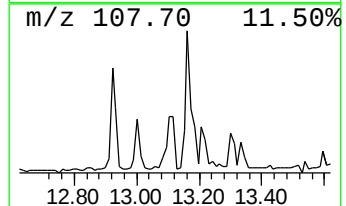
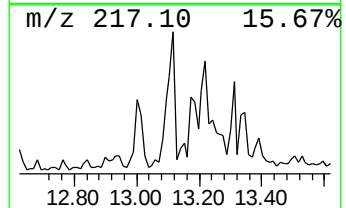
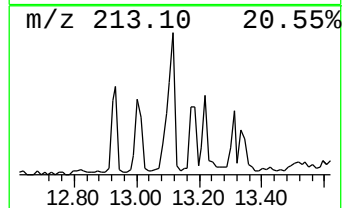
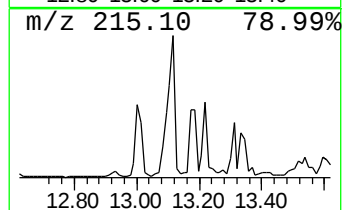
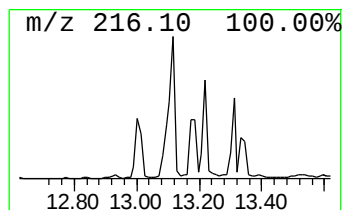
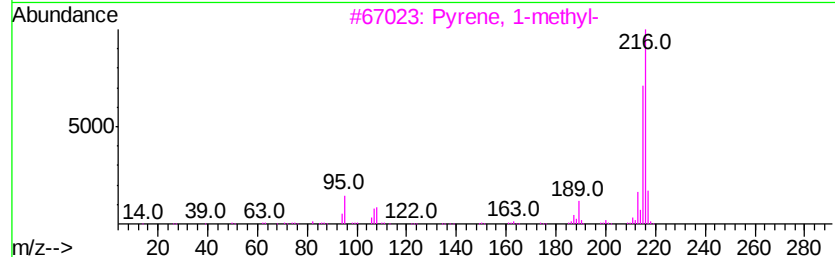
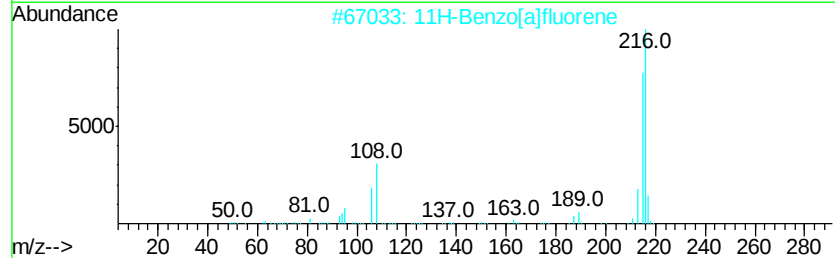
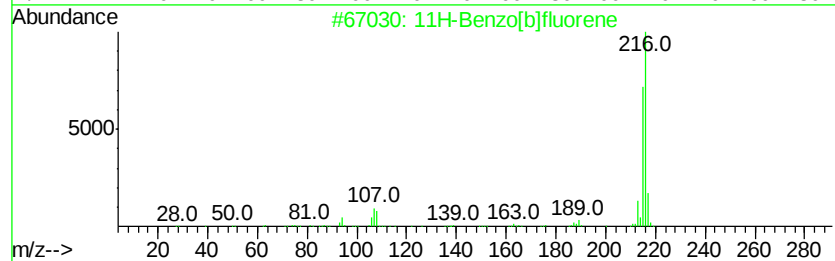
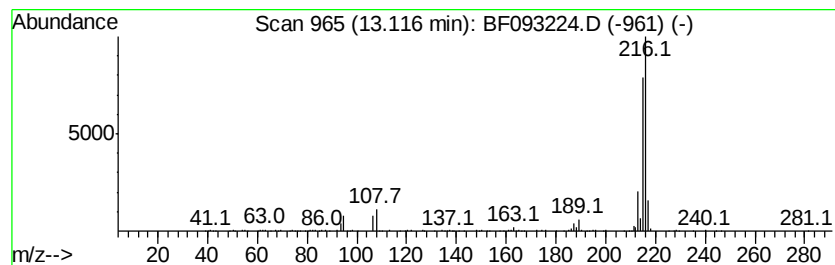
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ClientSampleId :
E2-AA5-SWW

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.12	2.48 ng	436465	Chrysene-d12	13.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	93
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093224.D
Acq On : 28 Feb 2017 00:19
Operator : SJ/MA
Sample : I1996-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-AA5-SWW

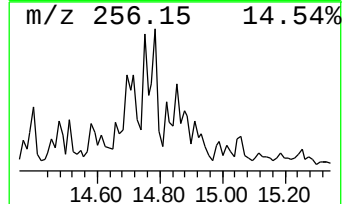
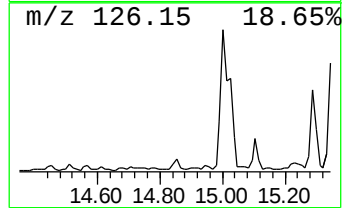
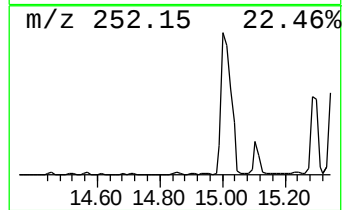
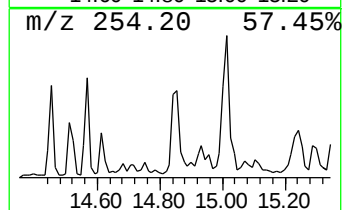
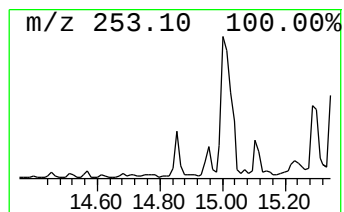
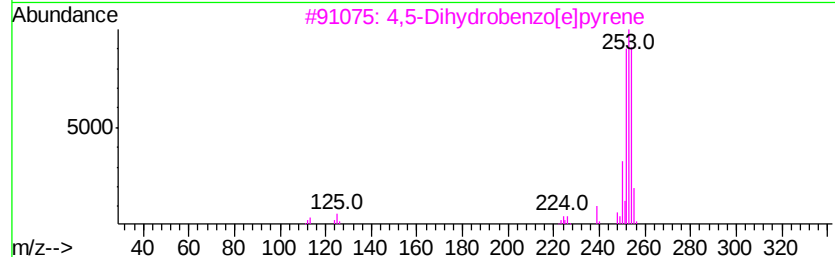
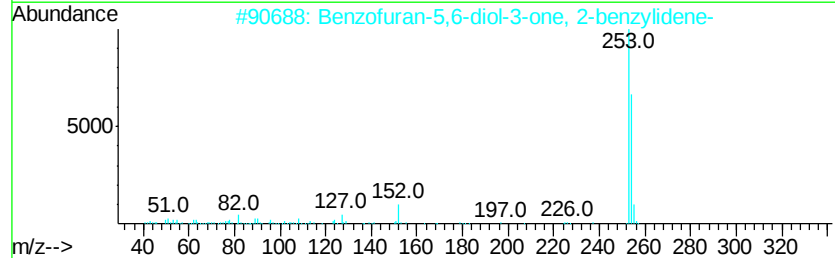
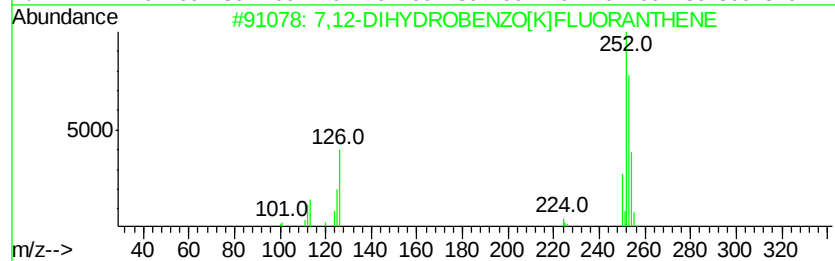
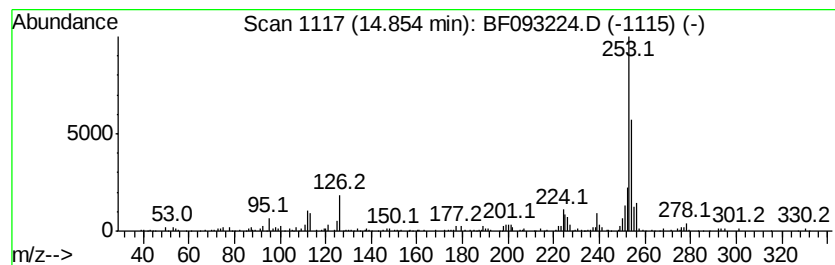
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzofuran-5,6-diol-3-one, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	3.76 ng	155500	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	64
2		Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	50
3		4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	46
4		1,2'-Binaphthalene	254	C20H14	004325-74-0	43
5		Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093224.D
Acq On : 28 Feb 2017 00:19
Operator : SJ/MA
Sample : I1996-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

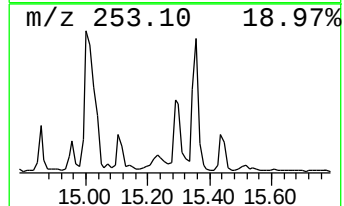
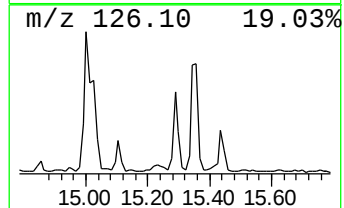
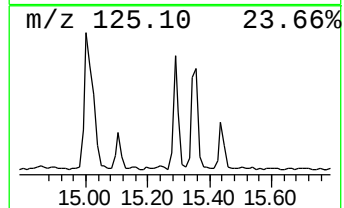
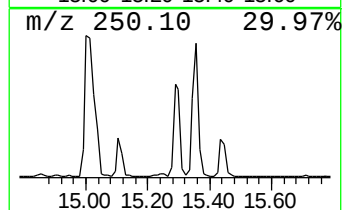
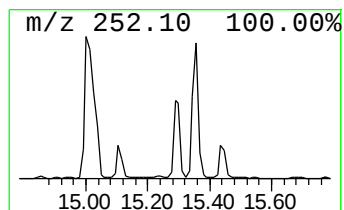
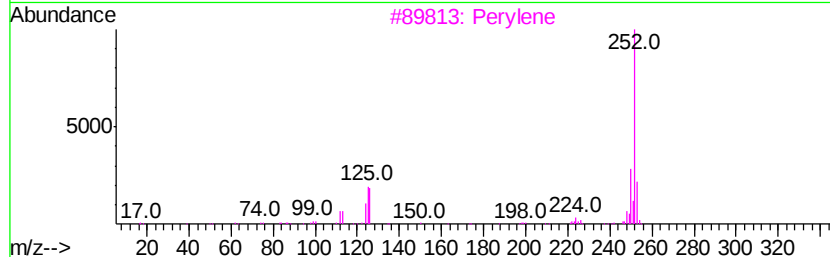
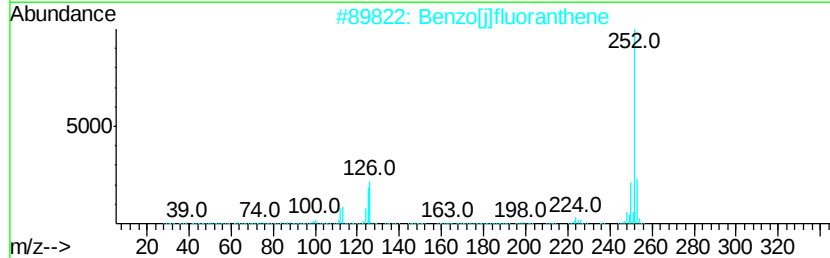
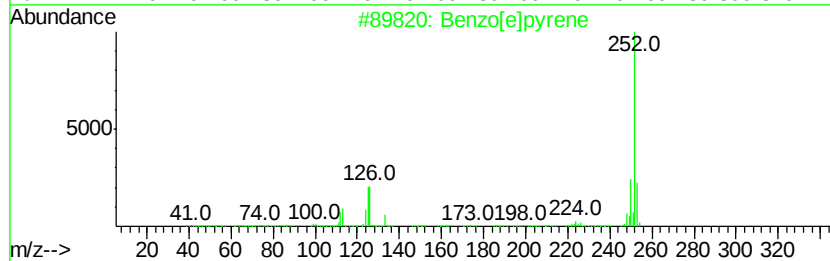
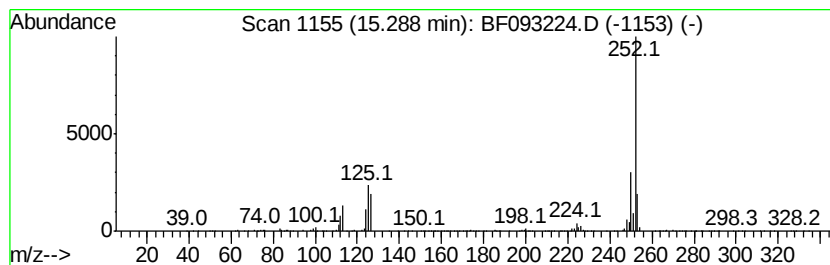
Instrument :
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ClientSampleId :
E2-AA5-SWW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	15.72 ng	650564	Perylene-d12	15.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 99
2		Benzo[il]fluoranthene	252 C20H12	000205-82-3 98
3		Perylene	252 C20H12	000198-55-0 98
4		Benzo[a]pyrene	252 C20H12	000050-32-8 98
5		Benzo[k]fluoranthene	252 C20H12	000207-08-9 98



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093224.D
Acq On : 28 Feb 2017 00:19
Operator : SJ/MA
Sample : I1996-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-AA5-SWW

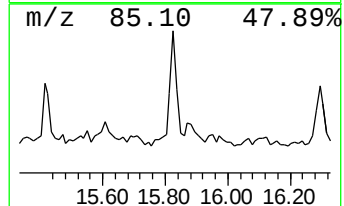
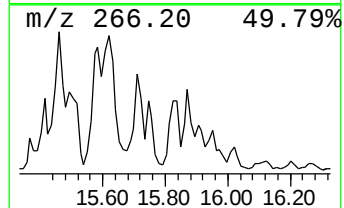
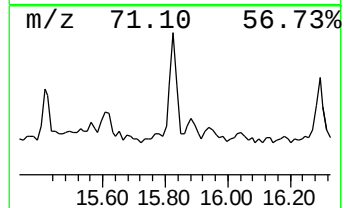
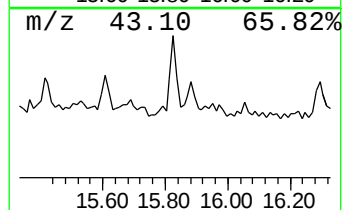
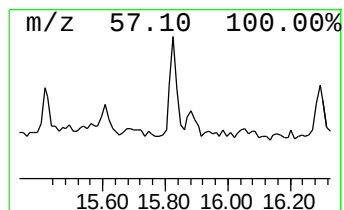
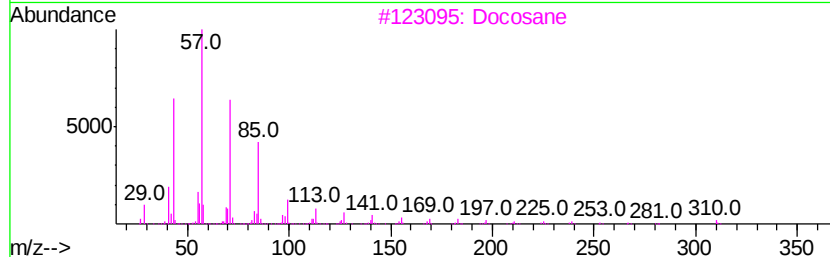
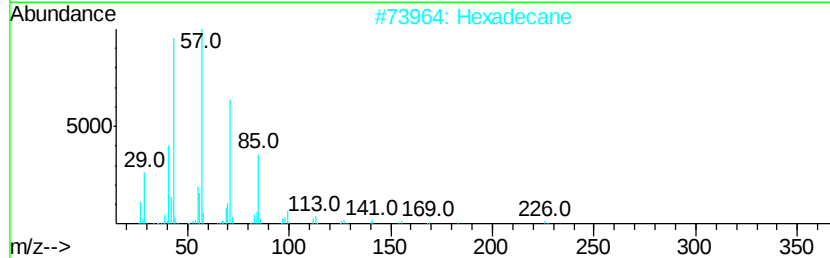
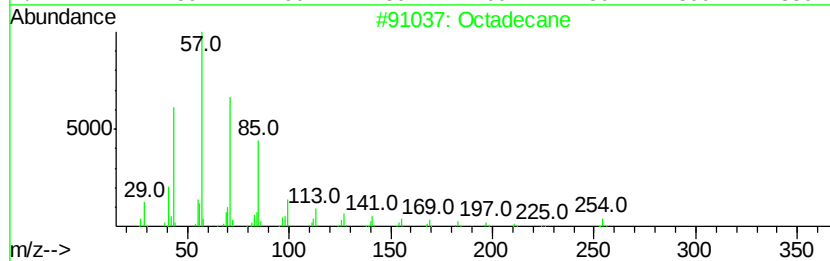
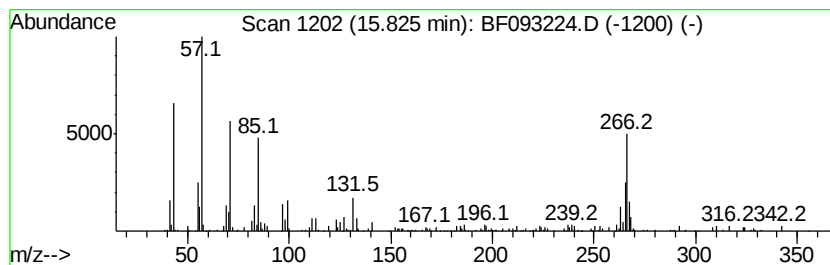
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.83 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.18 ng	131637	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	42
2		Hexadecane	226	C16H34	000544-76-3	42
3		Docosane	310	C22H46	000629-97-0	42
4		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	42
5		Nonadecane	268	C19H40	000629-92-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093224.D
Acq On : 28 Feb 2017 00:19
Operator : SJ/MA
Sample : I1996-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-AA5-SWW

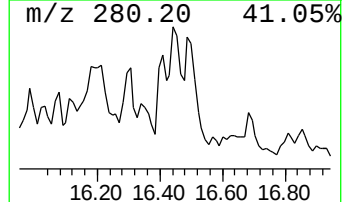
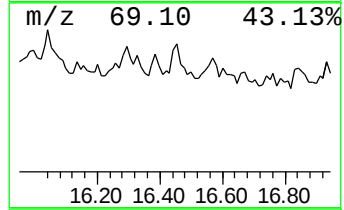
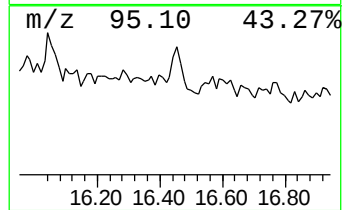
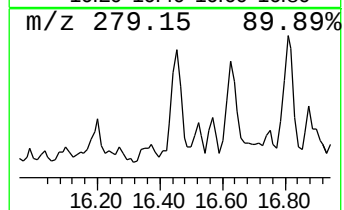
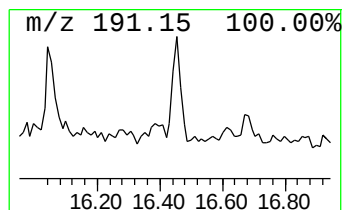
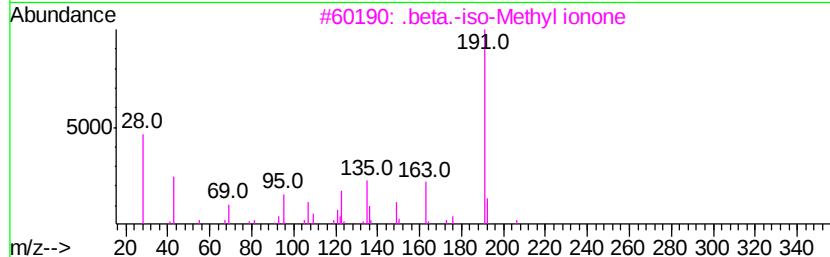
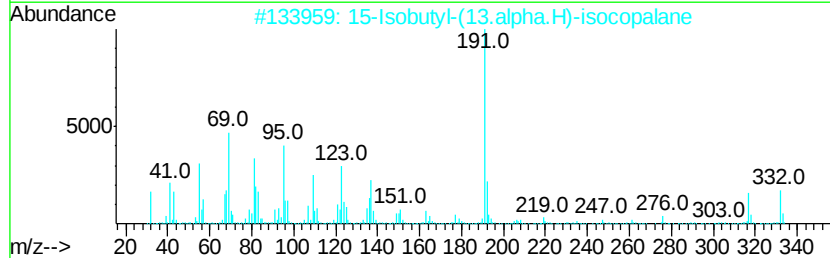
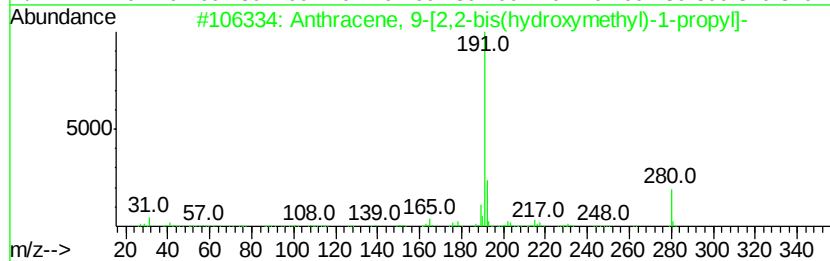
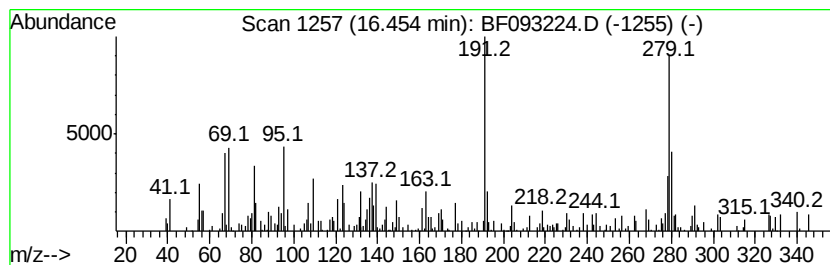
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.45 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	2.66 ng	110059	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-[2,2-bis(hydroxyme...	280	C19H20O2	144000-85-1	38
2		15-Isobutyl-(13.alpha.H)-isocopa...	332	C24H44	087953-47-7	30
3		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	27
4		trans-m-(3-(p-(Methylthio)phenyl...	279	C17H13NOS	1000234-54-3	25
5		Dibenz(c,h)acridine	279	C21H13N	000224-53-3	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
 Data File : BF093224.D
 Acq On : 28 Feb 2017 00:19
 Operator : SJ/MA
 Sample : I1996-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	4.99	38.4	ng	1969950	1	6.82	1026140	20.0
unknown6.59	6.59	83.6	ng	4288330	1	6.82	1026140	20.0
1,4-Naphthalenedi...	10.00	13.6	ng	945618	3	9.86	1389500	20.0
Tridecane	10.76	2.7	ng	212319	4	11.34	1553820	20.0
Anthracene, 1-met...	11.84	2.7	ng	211921	4	11.34	1553820	20.0
Anthracene, 2-met...	11.87	3.1	ng	245033	4	11.34	1553820	20.0
Benzaldehyde, 3,5...	11.95	6.5	ng	507653	4	11.34	1553820	20.0
Naphthalene, 2-ph...	12.13	2.3	ng	176057	4	11.34	1553820	20.0
di-p-Tolylacetylene	12.40	2.8	ng	218306	4	11.34	1553820	20.0
unknown12.43	12.43	2.5	ng	192952	4	11.34	1553820	20.0
Pyrene, 1-methyl-	13.00	2.3	ng	412096	5	13.99	3519970	20.0
11H-Benzo[b]fluorene	13.12	2.5	ng	436465	5	13.99	3519970	20.0
Benzofuran-5,6-di...	14.85	3.8	ng	155500	6	15.41	827615	20.0
Benzo[e]pyrene	15.29	15.7	ng	650564	6	15.41	827615	20.0
unknown15.83	15.83	3.2	ng	131637	6	15.41	827615	20.0
unknown16.45	16.45	2.7	ng	110059	6	15.41	827615	20.0