

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093187.D
 Acq On : 25 Feb 2017 12:36
 Operator : SJ/MA
 Sample : I1972-14
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-SW-3

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	2.738	46	57	61	rVB	70344	183278	4.63%	0.272%
2	3.721	141	143	146	rVB	105988	162996	4.12%	0.242%
3	5.001	252	255	261	rVB	1100336	1632551	41.28%	2.424%
4	5.378	285	288	290	rBV	236720	265687	6.72%	0.394%
5	5.436	290	293	295	rVB	2586452	3557180	89.95%	5.281%
6	5.653	310	312	314	rVV	207634	284230	7.19%	0.422%
7	5.961	338	339	342	rVB2	67288	123148	3.11%	0.183%
8	6.350	371	373	375	rBV	112733	132688	3.36%	0.197%
9	6.476	382	384	387	rBV	3027072	3685504	93.20%	5.472%
10	6.601	393	395	398	rVB	3603884	3390572	85.74%	5.034%
11	6.659	398	400	403	rVB2	174428	255620	6.46%	0.379%
12	6.830	413	415	419	rBV	1067349	995545	25.17%	1.478%
13	6.990	427	429	431	rBV	3160527	2804605	70.92%	4.164%
14	7.230	447	450	453	rBV2	65072	156129	3.95%	0.232%
15	7.402	462	465	467	rVV	1900944	2207170	55.81%	3.277%
16	7.870	502	506	509	rBV4	75100	176269	4.46%	0.262%
17	8.122	525	528	532	rBV2	1269181	1873451	47.38%	2.781%
18	8.499	556	561	563	rBV4	81472	182227	4.61%	0.271%
19	8.545	563	565	568	rBV	149077	185226	4.68%	0.275%
20	8.716	578	580	583	rBV	137914	119643	3.03%	0.178%
21	8.842	588	591	592	rVB	447167	539216	13.64%	0.801%
22	8.933	598	599	601	rVB	506319	421790	10.67%	0.626%
23	9.207	620	623	625	rVB	3763579	3954509	100.00%	5.871%
24	9.299	627	631	634	rBV2	116947	265040	6.70%	0.393%
25	9.470	643	646	648	rBV	160229	225220	5.70%	0.334%
26	9.539	648	652	653	rBV	333487	353694	8.94%	0.525%
27	9.562	653	654	656	rVV	259307	252726	6.39%	0.375%
28	9.596	656	657	661	rVV	387730	470605	11.90%	0.699%
29	9.653	661	662	667	rVB	197062	242002	6.12%	0.359%
30	9.745	667	670	672	rBV	398795	521278	13.18%	0.774%
31	9.813	674	676	678	rVB	163733	137533	3.48%	0.204%
32	9.882	678	682	683	rBV	1280496	1356149	34.29%	2.013%
33	10.030	693	695	697	rBV2	67818	145878	3.69%	0.217%
34	10.088	697	700	701	rVV	167971	242871	6.14%	0.361%

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35	10.190	708	709	711 rBV	107398	134991	3.41%	0.200%
36	10.282	715	717	718 rBV2	186222	206896	5.23%	0.307%
37	10.305	718	719	723 rVB2	193635	212478	5.37%	0.315%
38	10.419	728	729	733 rVB2	249791	273278	6.91%	0.406%
39	10.533	736	739	742 rVV2	159857	235995	5.97%	0.350%
40	10.579	742	743	745 rVV	135834	158980	4.02%	0.236%
41	10.670	748	751	754 rVV	1896948	1933248	48.89%	2.870%
42	10.796	757	762	764 rBV	568223	747796	18.91%	1.110%
43	11.105	787	789	793 rBV3	156738	323377	8.18%	0.480%
44	11.173	793	795	797 rVV	160166	146133	3.70%	0.217%
45	11.230	797	800	801 rVV2	292120	358161	9.06%	0.532%
46	11.265	801	803	806 rVB2	147536	201099	5.09%	0.299%
47	11.368	809	812	813 rBV	1062269	1214550	30.71%	1.803%
48	11.391	813	814	816 rVV	1187951	896395	22.67%	1.331%
49	11.436	816	818	820 rVV	395183	407237	10.30%	0.605%
50	11.596	830	832	836 rVV3	147086	307920	7.79%	0.457%
51	11.653	836	837	839 rVV2	246123	263439	6.66%	0.391%
52	11.871	853	856	857 rBV	279993	351224	8.88%	0.521%
53	11.893	857	858	860 rVB	494531	413896	10.47%	0.614%
54	11.939	860	862	864 rBV2	133739	187732	4.75%	0.279%
55	11.973	864	865	870 rVB	453134	733522	18.55%	1.089%
56	12.065	870	873	875 rBV2	219101	298113	7.54%	0.443%
57	12.168	879	882	883 rVV2	150673	259397	6.56%	0.385%
58	12.191	883	884	887 rVB	229499	202765	5.13%	0.301%
59	12.316	892	895	896 rBV2	95685	179374	4.54%	0.266%
60	12.339	896	897	899 rBV	107370	147498	3.73%	0.219%
61	12.419	901	904	905 rBV	405364	448766	11.35%	0.666%
62	12.453	905	907	910 rVB3	338277	484572	12.25%	0.719%
63	12.511	910	912	914 rBV	230610	294621	7.45%	0.437%
64	12.579	916	918	920 rVB	2126249	2055365	51.98%	3.051%
65	12.625	920	922	925 rBV2	95593	154802	3.91%	0.230%
66	12.671	925	926	928 rBV	155023	194737	4.92%	0.289%
67	12.728	928	931	933 rBV4	79961	150345	3.80%	0.223%
68	12.808	935	938	941 rVV	1781861	2243309	56.73%	3.330%
69	12.865	941	943	945 rVB2	186157	258084	6.53%	0.383%
70	12.956	948	951	953 rVV	2457760	2760746	69.81%	4.099%
71	13.025	954	957	961 rBV4	274464	537495	13.59%	0.798%

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72	13.139	961	967	968	rVB2	331442	721075	18.23%	1.071%
73	13.196	968	972	974	rBV3	195811	446117	11.28%	0.662%
74	13.242	974	976	978	rBV	365031	398714	10.08%	0.592%
75	13.334	982	984	985	rBV	252034	197247	4.99%	0.293%
76	13.368	985	987	988	rBV2	171323	199103	5.03%	0.296%
77	13.528	998	1001	1003	rBV3	132444	275971	6.98%	0.410%
78	13.642	1010	1011	1013	rVV	283820	373855	9.45%	0.555%
79	13.756	1018	1021	1022	rBV	394655	459557	11.62%	0.682%
80	13.859	1028	1030	1032	rVB2	375971	483565	12.23%	0.718%
81	13.928	1034	1036	1039	rBV2	61158	128386	3.25%	0.191%
82	14.008	1039	1043	1044	rBV2	1521686	2752775	69.61%	4.087%
83	14.168	1055	1057	1061	rBV5	172277	400422	10.13%	0.594%
84	14.294	1064	1068	1070	rBV2	141539	367587	9.30%	0.546%
85	14.397	1075	1077	1078	rVB	343813	320202	8.10%	0.475%
86	14.431	1078	1080	1082	rBV2	152186	170724	4.32%	0.253%
87	14.477	1082	1084	1086	rBV3	119988	249686	6.31%	0.371%
88	14.522	1086	1088	1091	rVB3	224398	390196	9.87%	0.579%
89	14.877	1117	1119	1123	rVB	145549	240204	6.07%	0.357%
90	15.037	1130	1133	1137	rBV	1193606	2301122	58.19%	3.416%
91	15.139	1140	1142	1144	rBV	275891	294266	7.44%	0.437%
92	15.231	1147	1150	1153	rBV3	72886	179851	4.55%	0.267%
93	15.322	1156	1158	1161	rVB	599425	813388	20.57%	1.208%
94	15.391	1161	1164	1166	rBV	643654	919068	23.24%	1.364%
95	15.448	1166	1169	1170	rBV	536192	694022	17.55%	1.030%
96	16.500	1258	1261	1263	rBV3	55921	130959	3.31%	0.194%
97	16.854	1288	1292	1296	rBV	334702	697539	17.64%	1.036%
98	17.014	1304	1306	1309	rBV	55931	132106	3.34%	0.196%
99	17.277	1326	1329	1334	rVB	231984	478472	12.10%	0.710%
100	19.437	1515	1518	1526	rVB	80501	261455	6.61%	0.388%

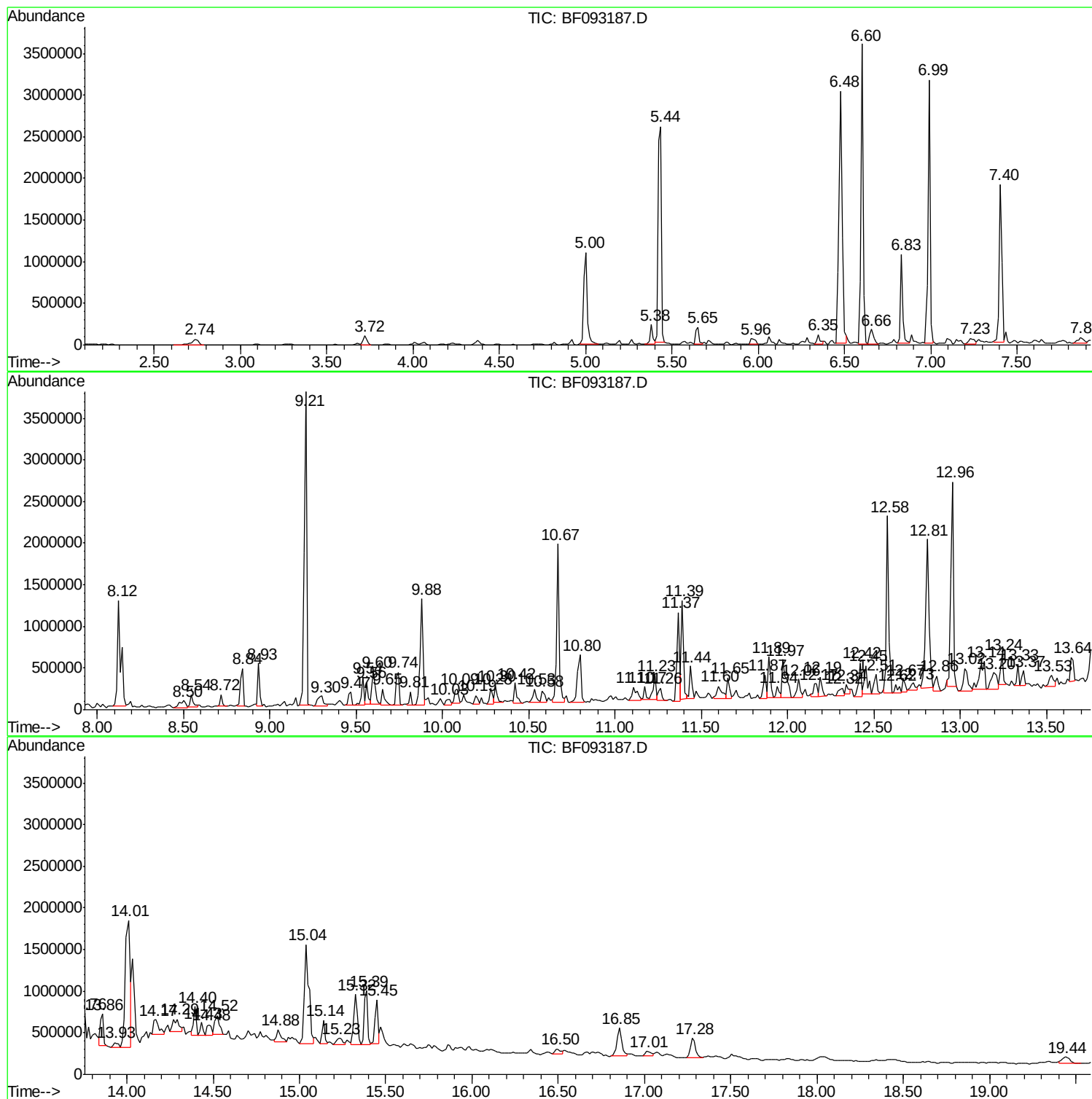
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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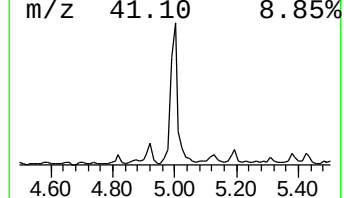
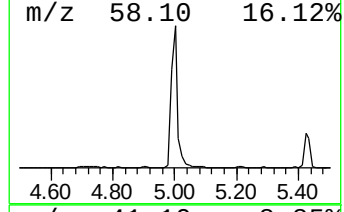
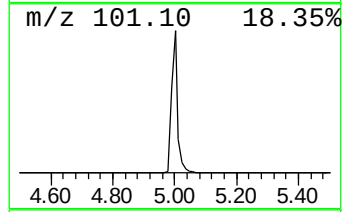
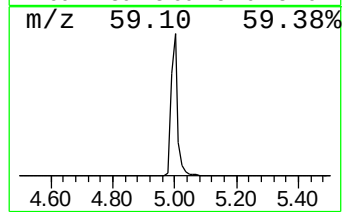
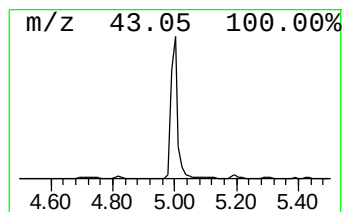
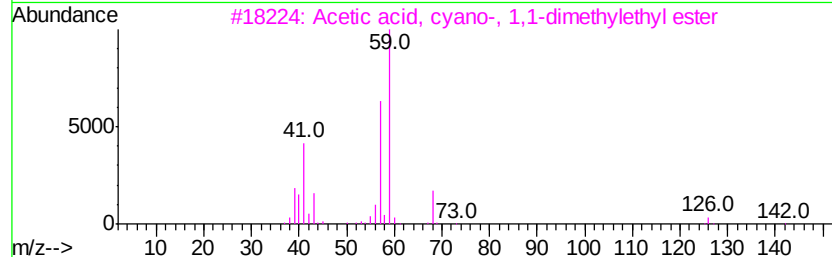
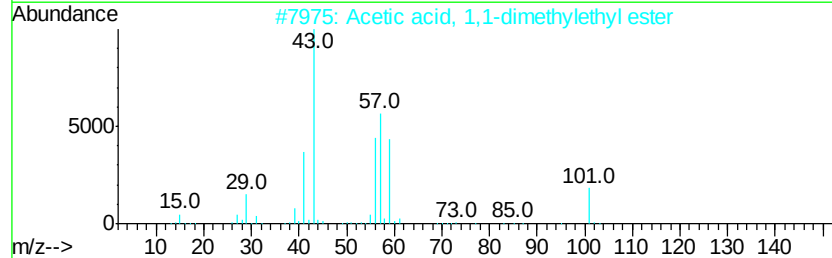
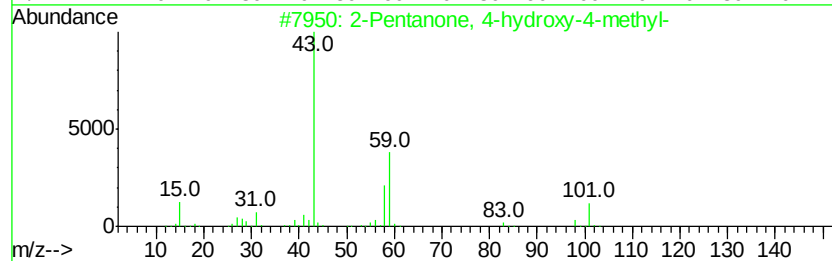
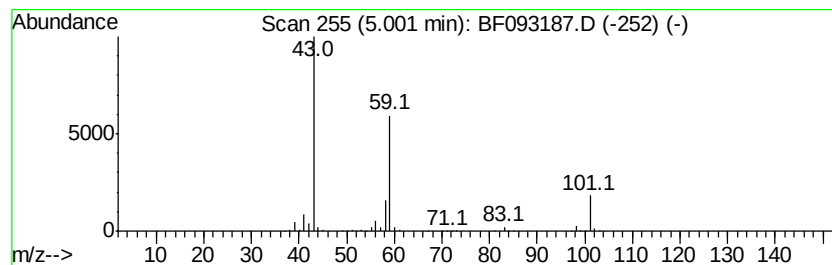
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.00	32.80 ng	1632550	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9



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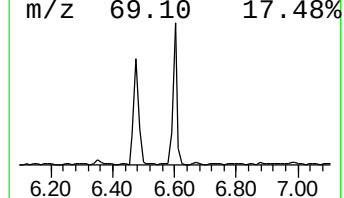
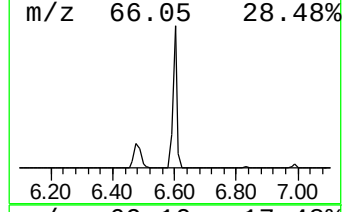
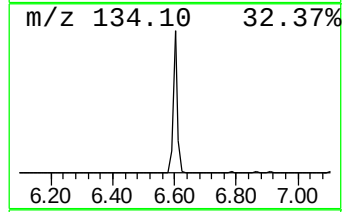
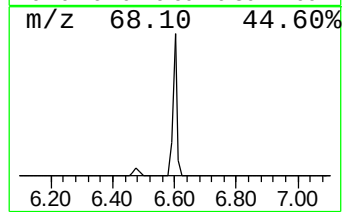
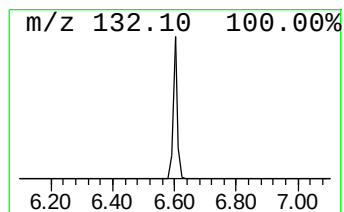
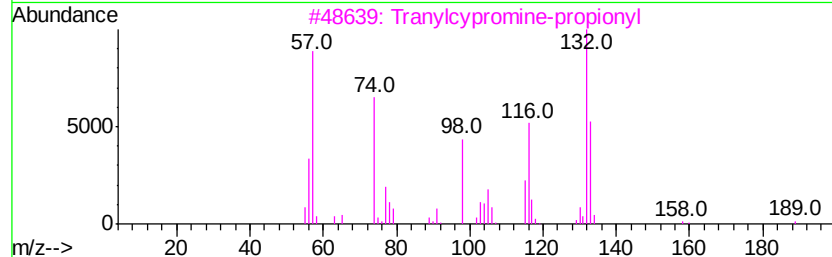
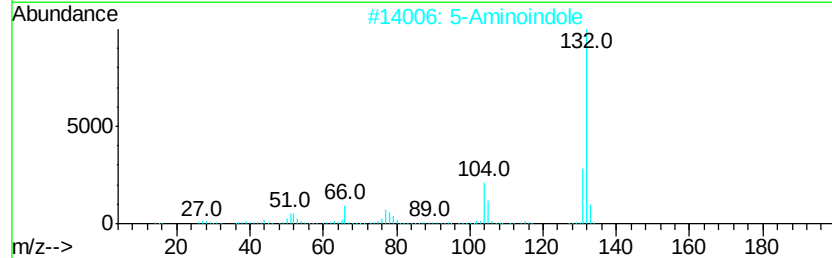
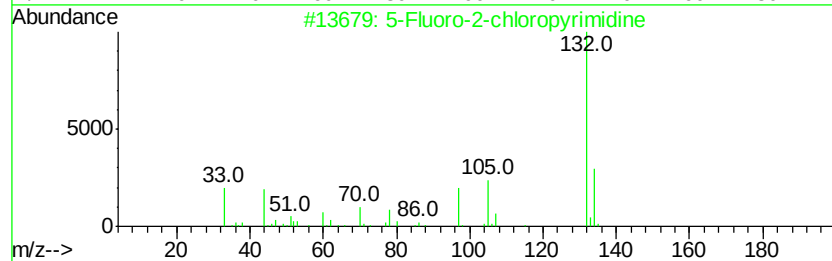
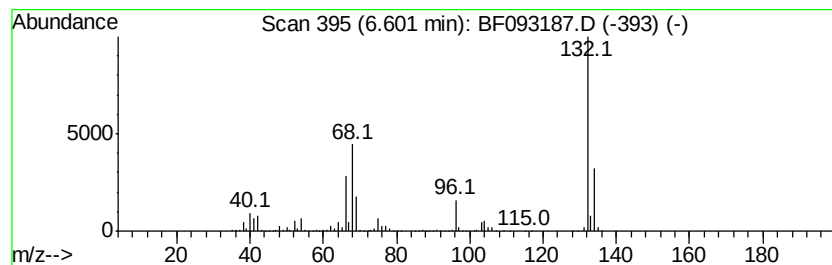
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	68.11 ng	3390570	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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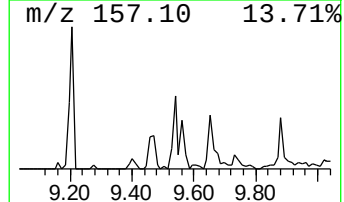
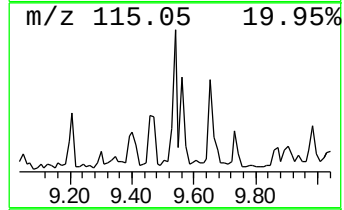
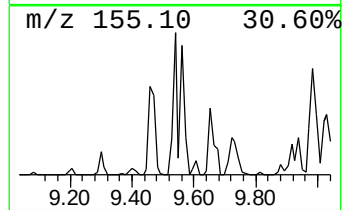
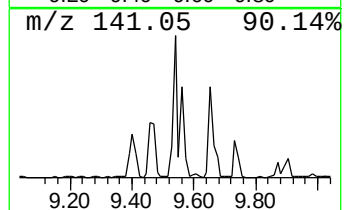
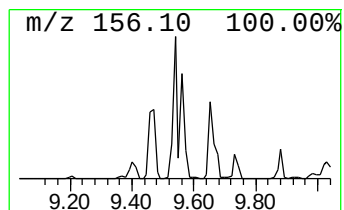
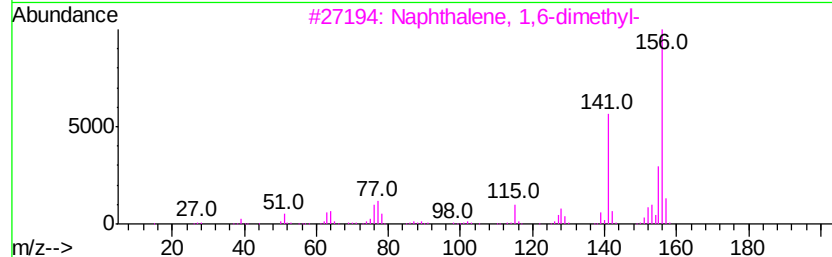
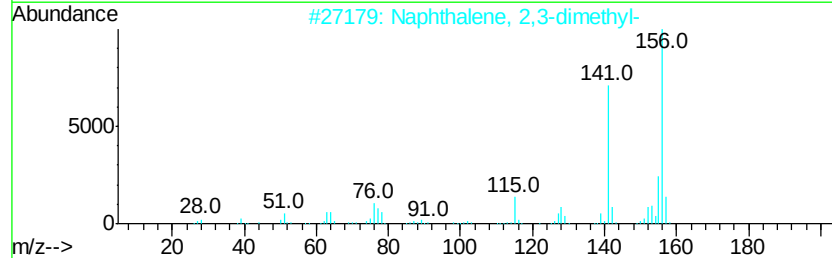
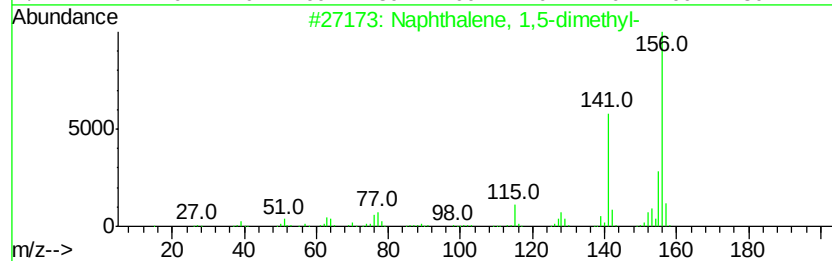
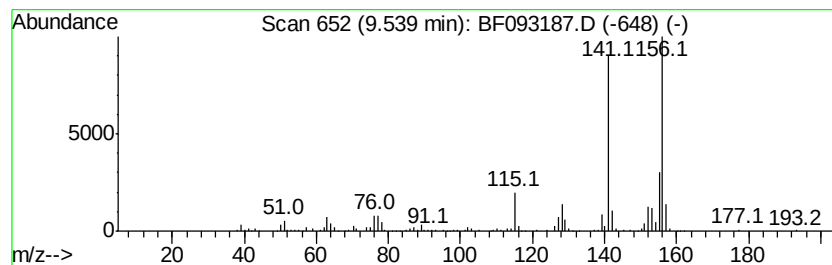
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Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	5.22 ng	353694	Acenaphthene-d10	9.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97



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ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-3

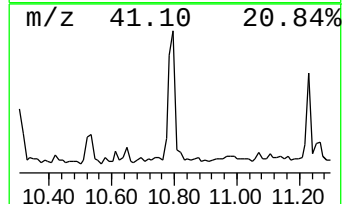
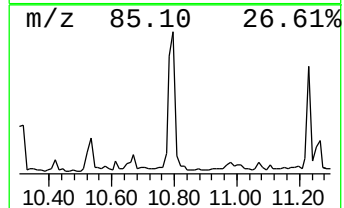
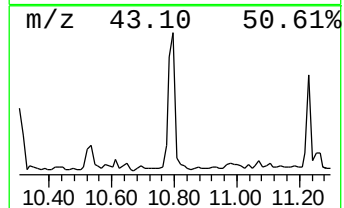
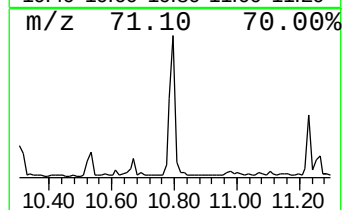
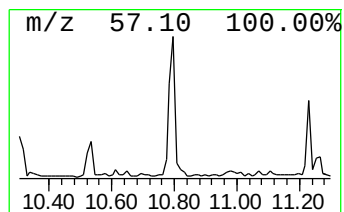
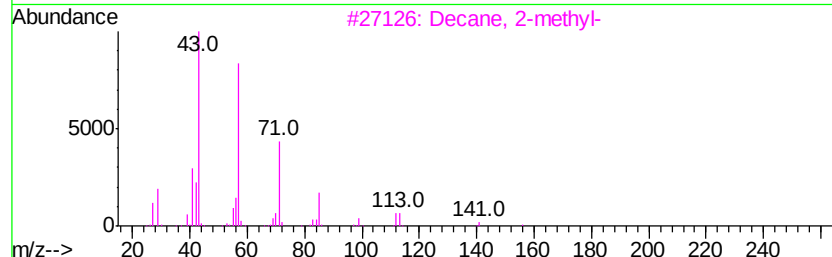
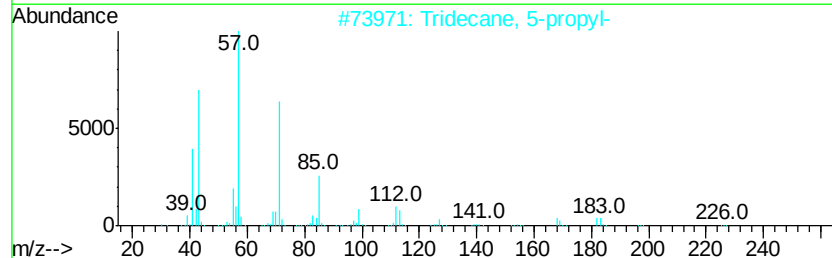
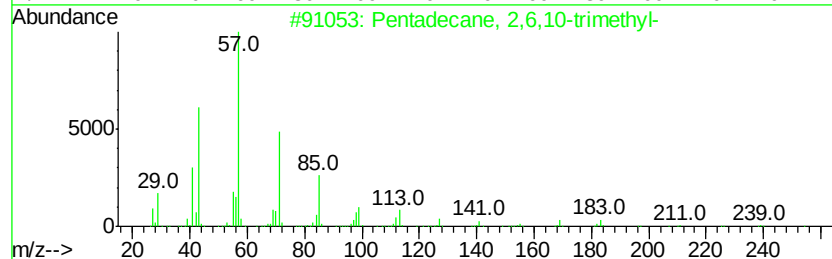
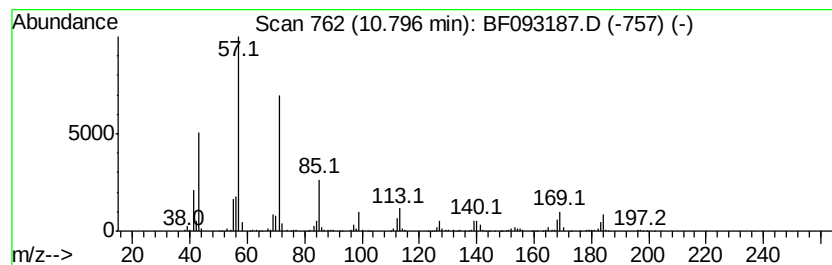
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	12.31 ng	747796	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
3		Decane, 2-methyl-	156	C11H24	006975-98-0	76
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
Operator : SJ/MA
Sample : I1972-14
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-B1-SW-3

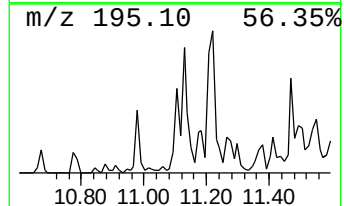
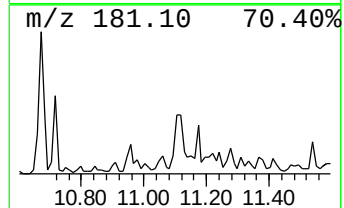
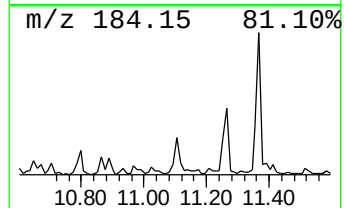
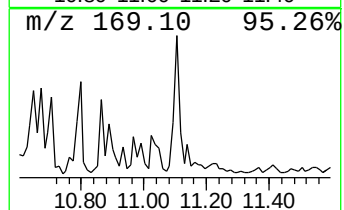
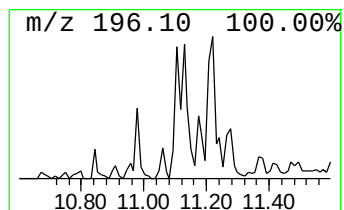
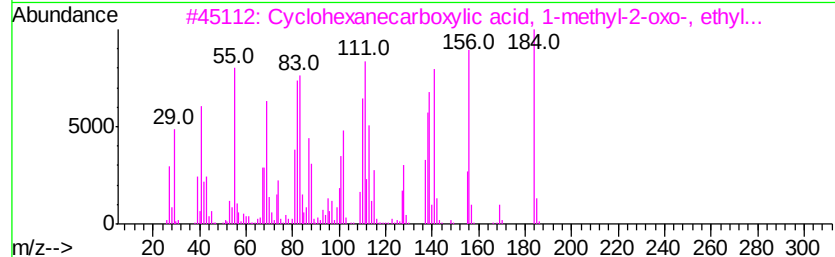
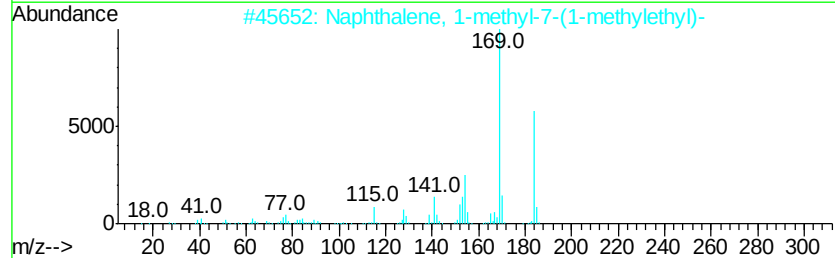
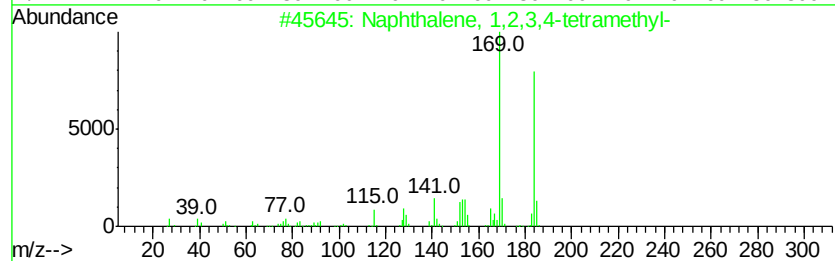
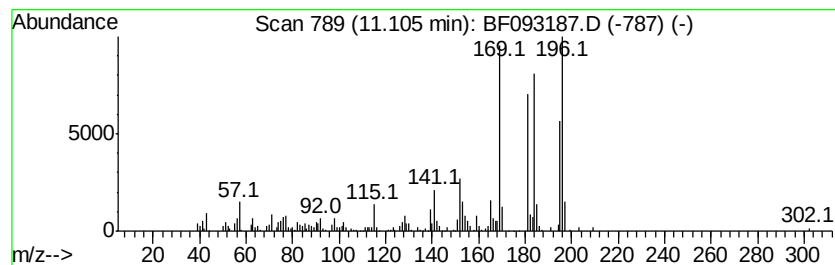
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetram... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	5.33 ng	323377	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64
2		Naphthalene, 1-methyl-7-(1-methyl-...	184	C14H16	000490-65-3	64
3		Cyclohexanecarboxylic acid, 1-me...	184	C10H16O3	005453-94-1	59
4		Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	53
5		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
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Sample : I1972-14
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-B1-SW-3

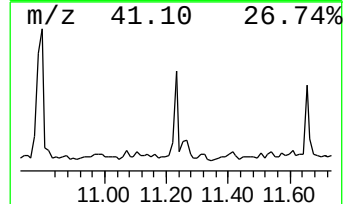
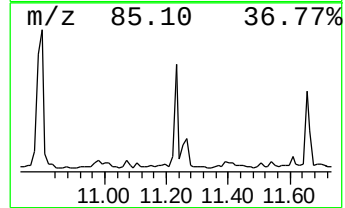
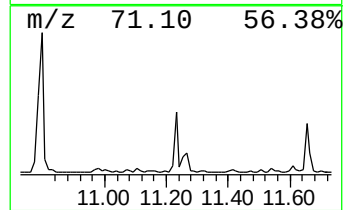
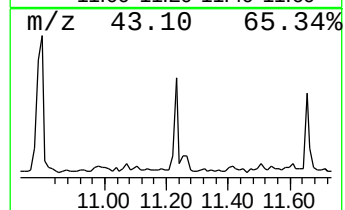
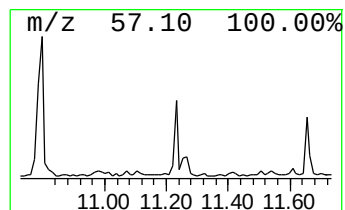
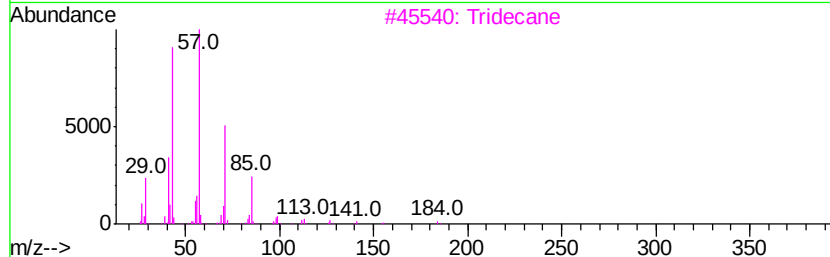
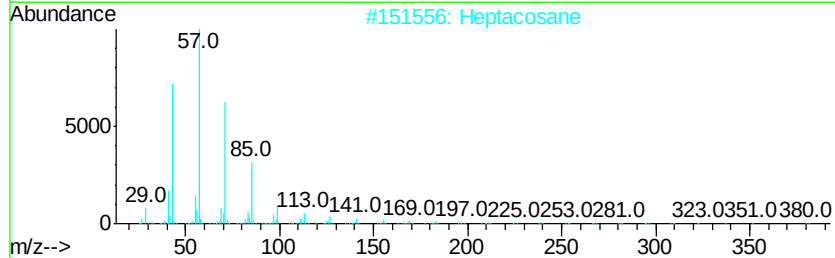
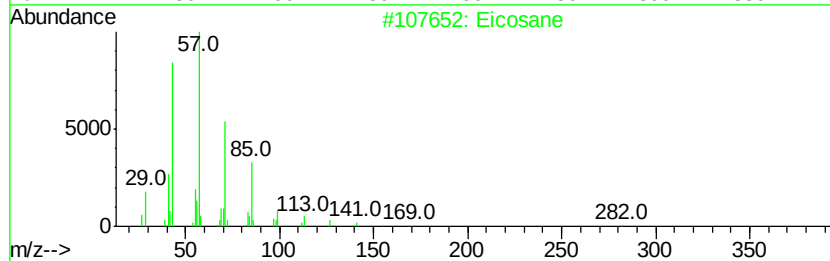
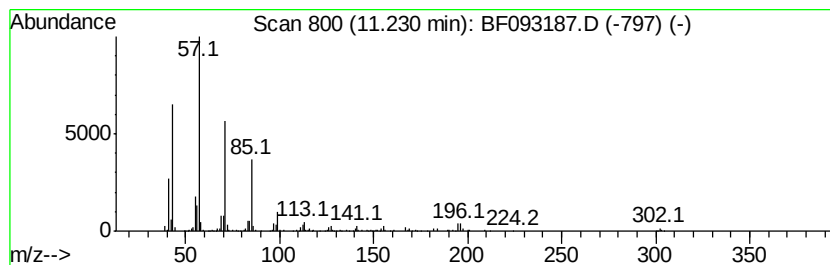
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	5.90 ng	358161	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Heptacosane	380	C27H56	000593-49-7	83
3		Tridecane	184	C13H28	000629-50-5	81
4		Hexadecane	226	C16H34	000544-76-3	80
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
Operator : SJ/MA
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-B1-SW-3

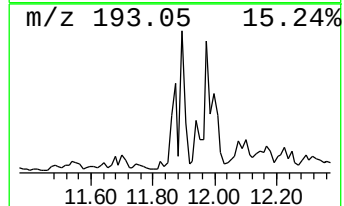
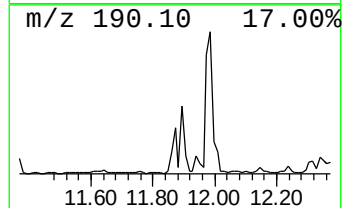
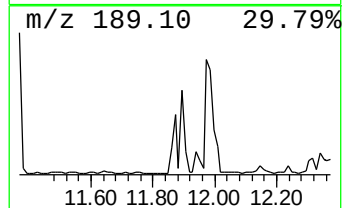
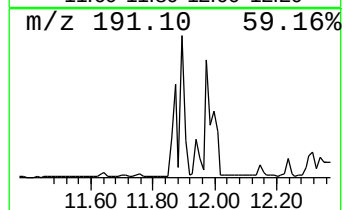
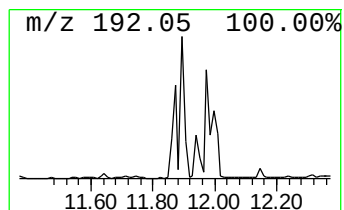
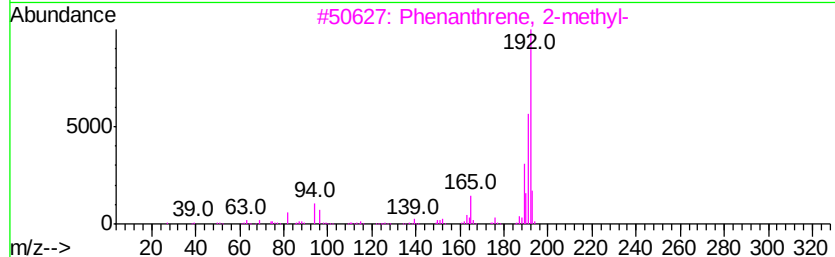
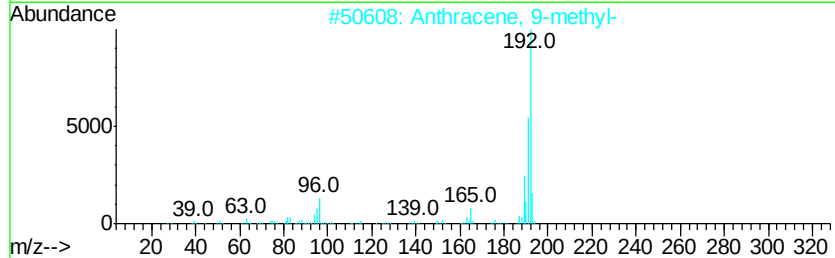
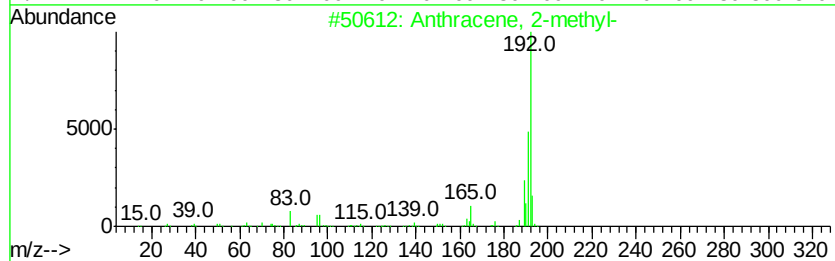
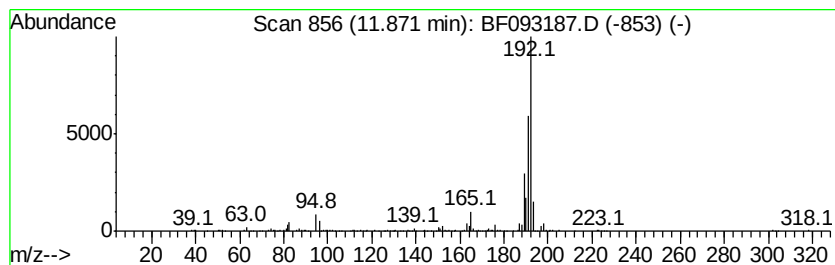
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.78 ng	351224	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
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Misc :
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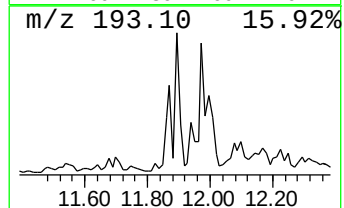
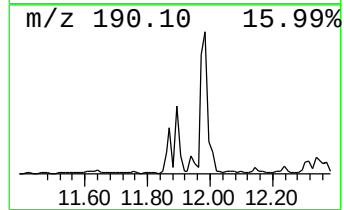
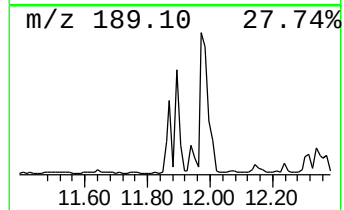
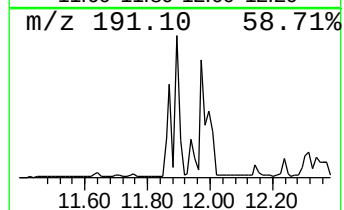
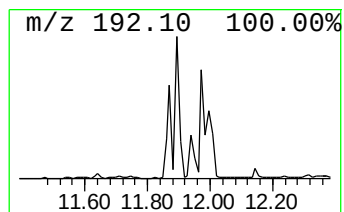
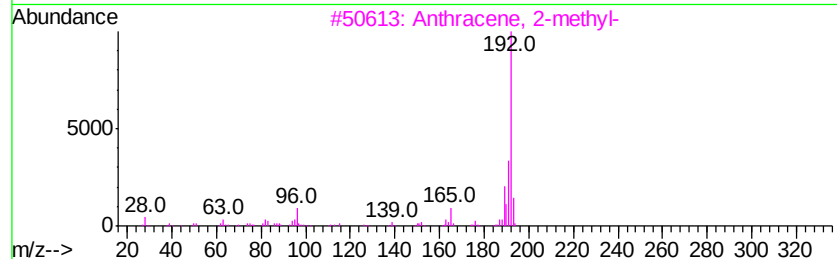
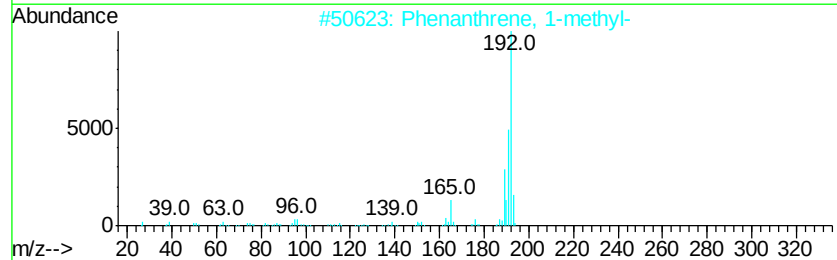
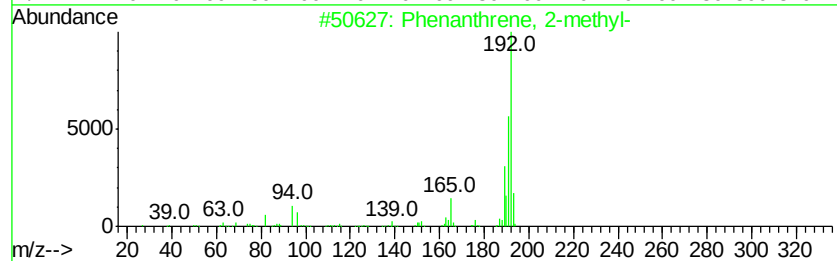
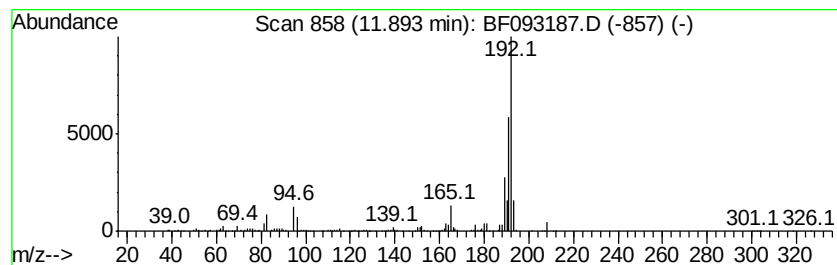
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.82 ng	413896	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
Operator : SJ/MA
Sample : I1972-14
Misc :
ALS Vial : 40 Sample Multiplier: 1

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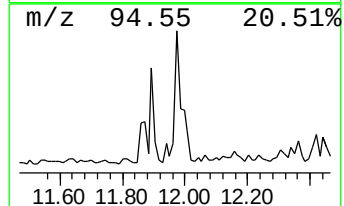
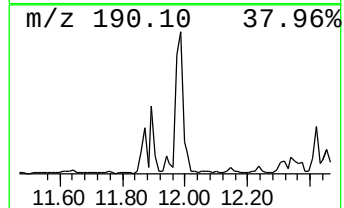
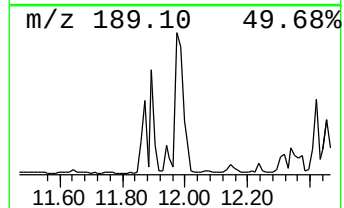
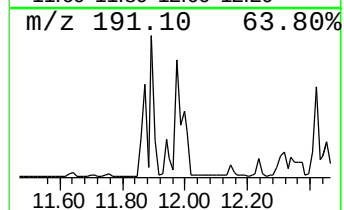
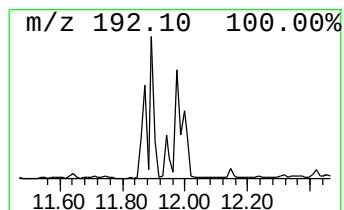
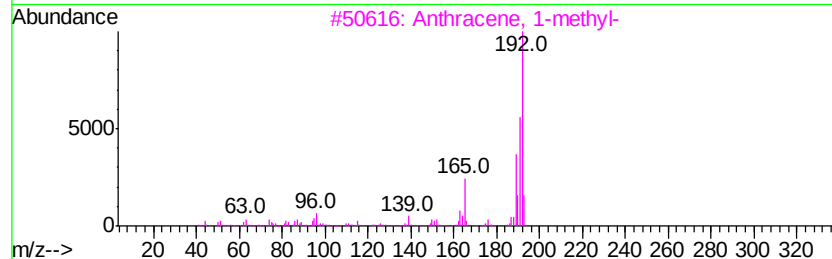
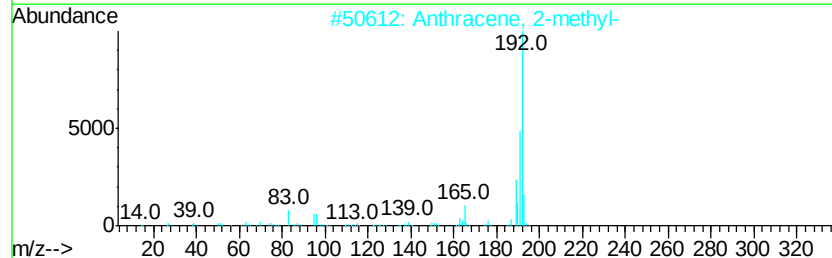
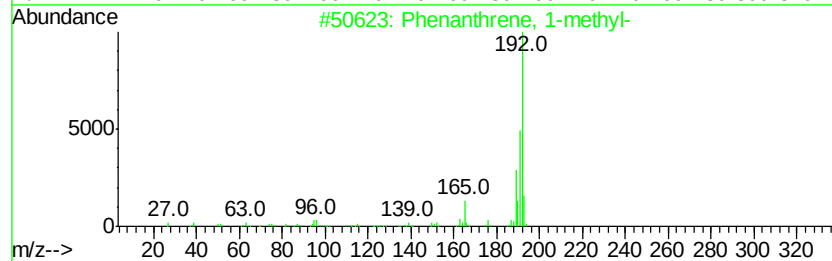
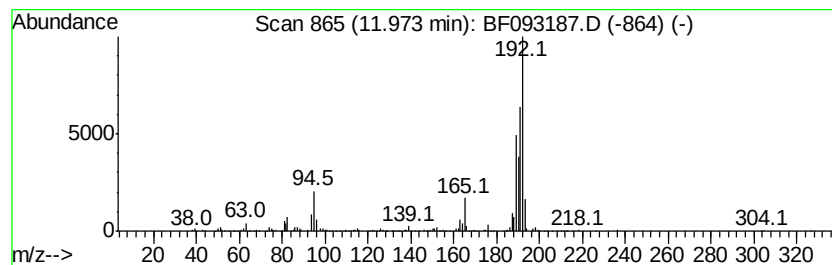
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	12.08 ng	733522	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
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Misc :
ALS Vial : 40 Sample Multiplier: 1

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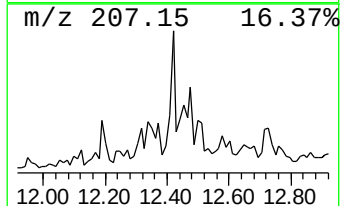
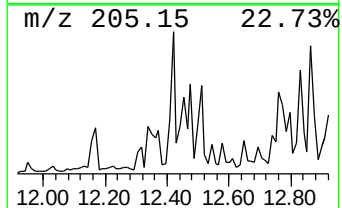
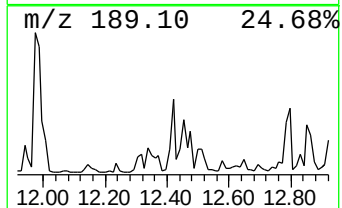
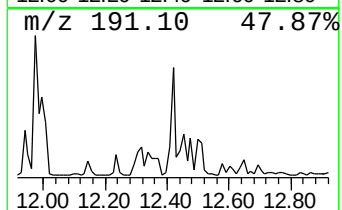
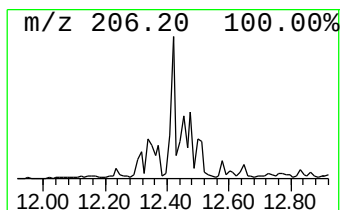
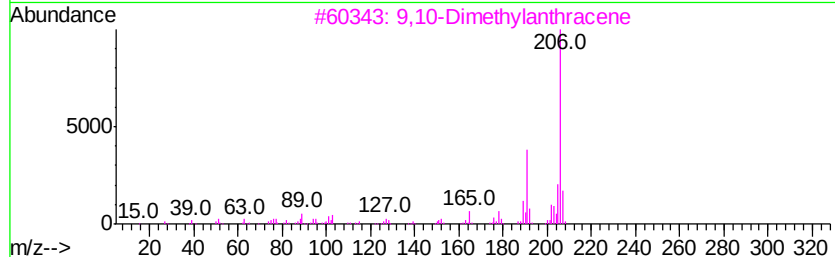
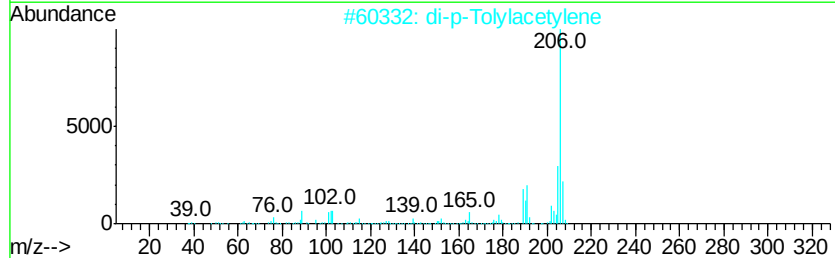
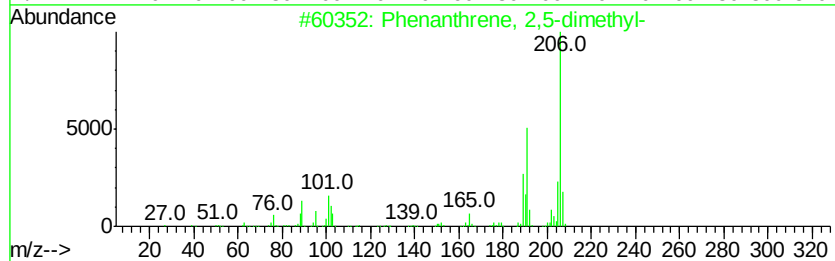
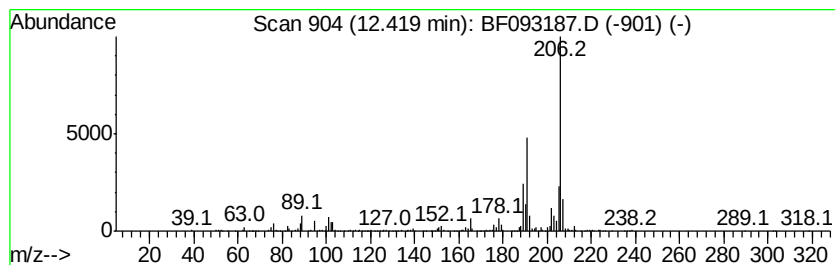
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	7.39 ng	448766	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
Operator : SJ/MA
Sample : I1972-14
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-B1-SW-3

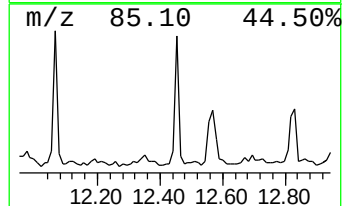
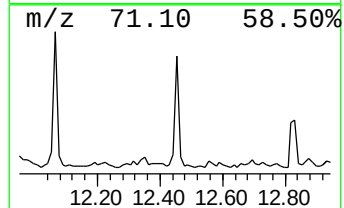
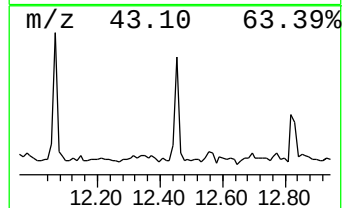
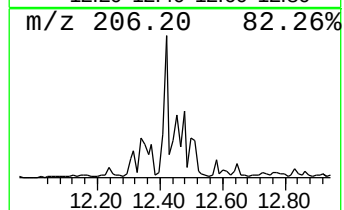
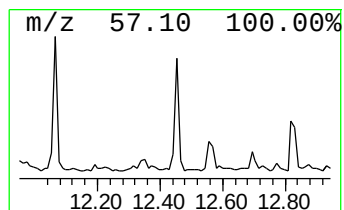
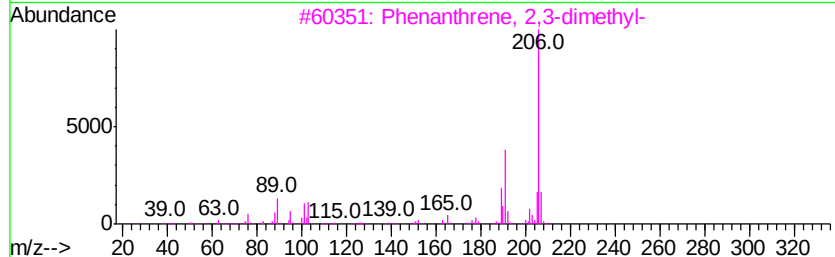
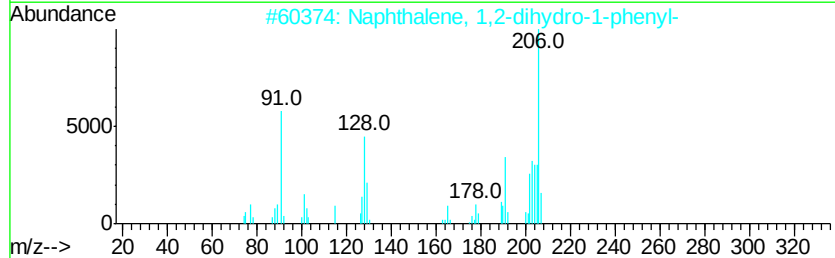
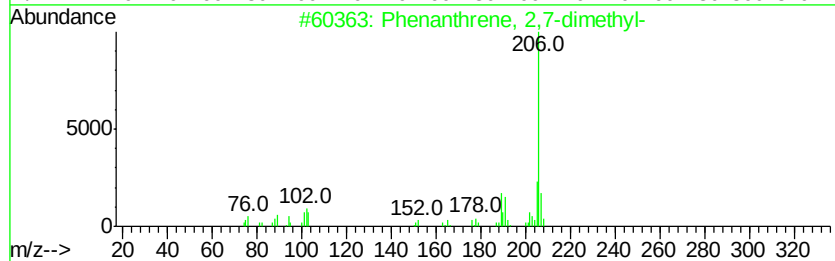
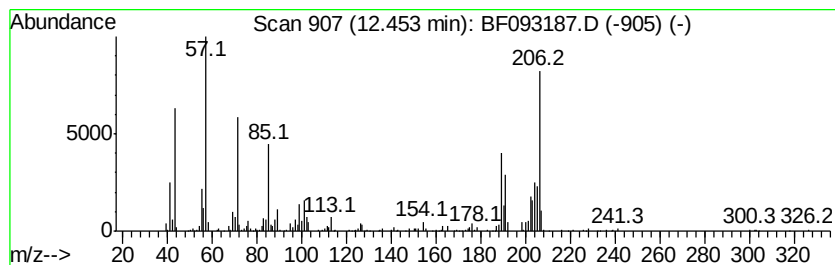
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.45 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	7.98 ng	484572	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
2			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	43
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	41
4			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
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ClientSampleId :
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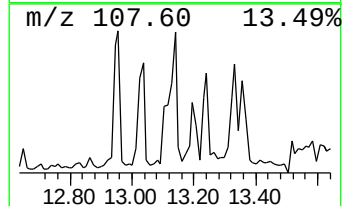
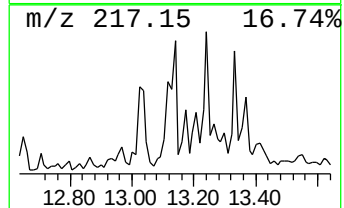
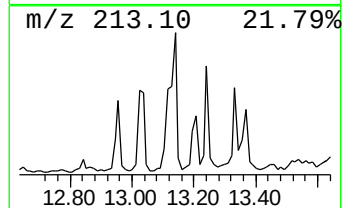
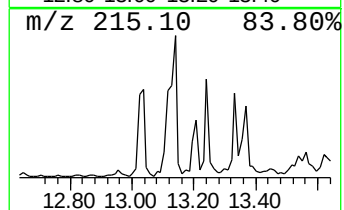
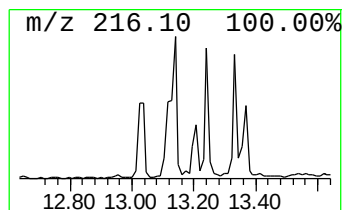
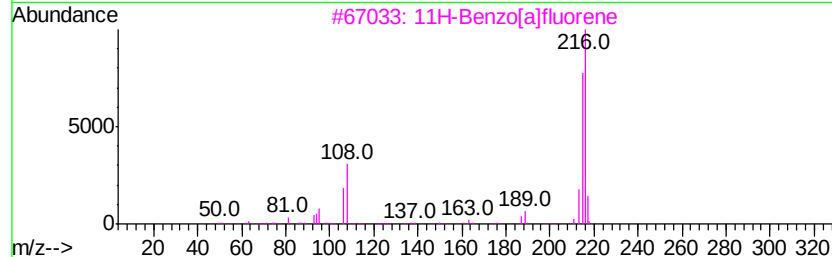
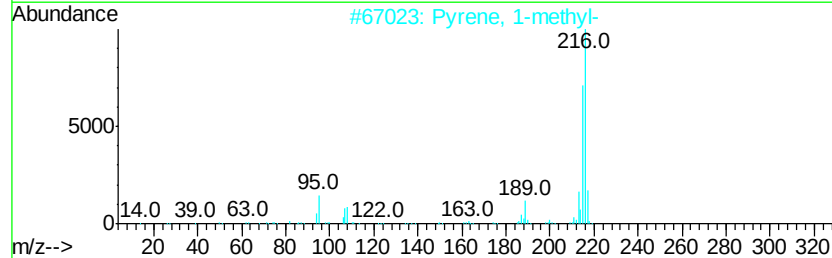
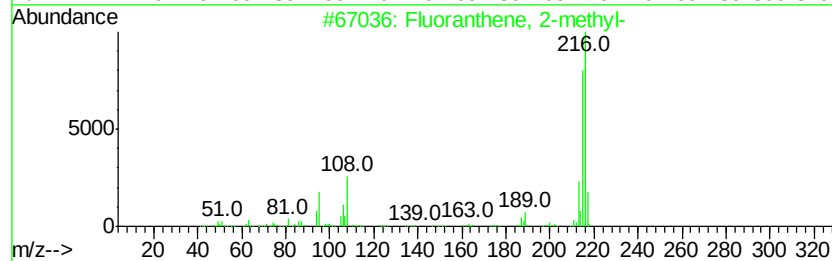
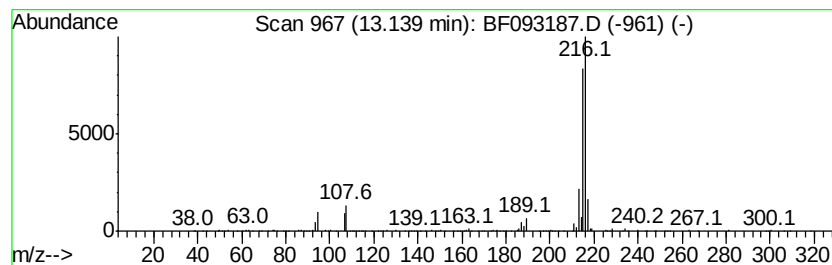
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	5.24 ng	721075	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
Operator : SJ/MA
Sample : I1972-14
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-B1-SW-3

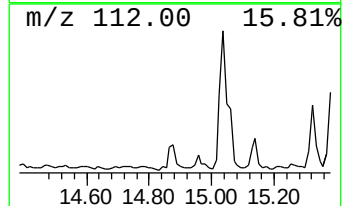
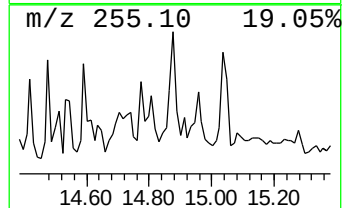
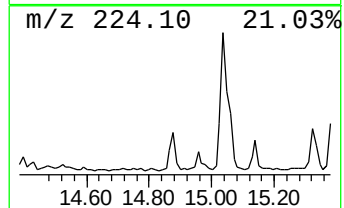
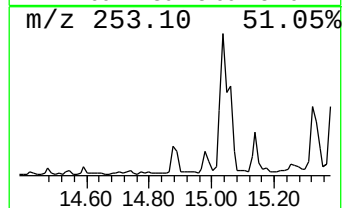
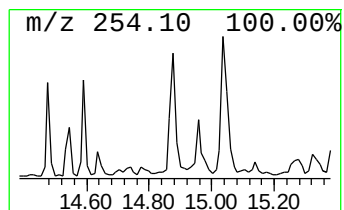
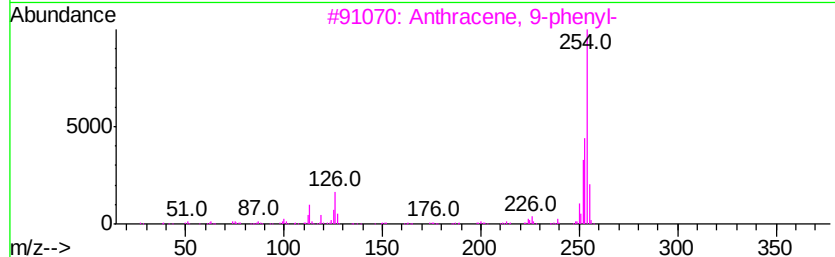
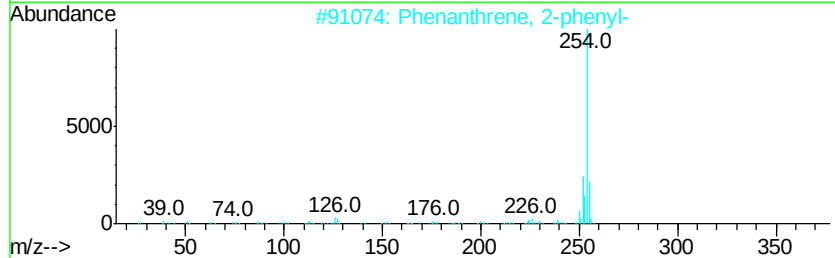
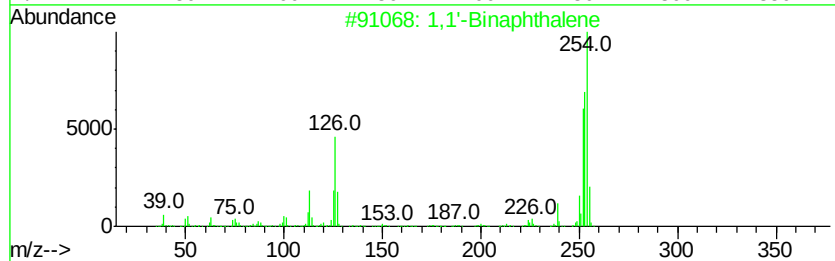
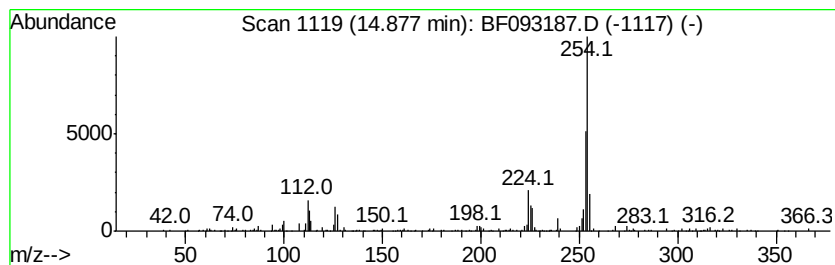
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,1'-Binaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	6.92 ng	240204	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	76
2		Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	70
3		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
4		1,2'-Binaphthalene	254	C20H14	004325-74-0	59
5		Benzenamine, 4,4'-methylenebis[N...]	254	C17H22N2	000101-61-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
Operator : SJ/MA
Sample : I1972-14
Misc :
ALS Vial : 40 Sample Multiplier: 1

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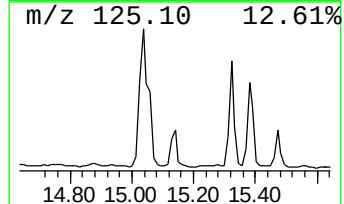
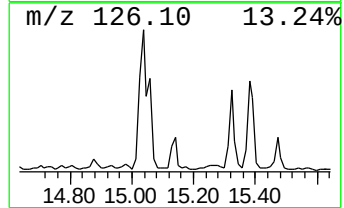
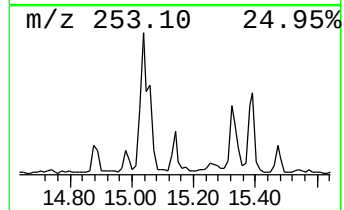
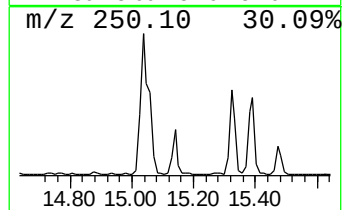
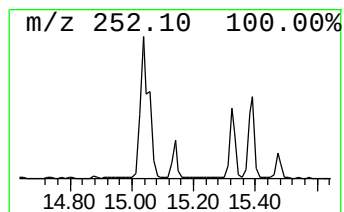
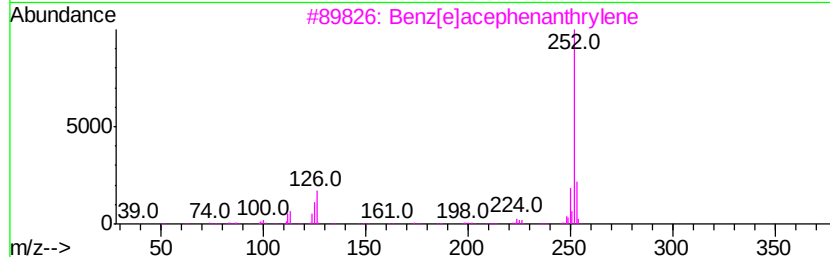
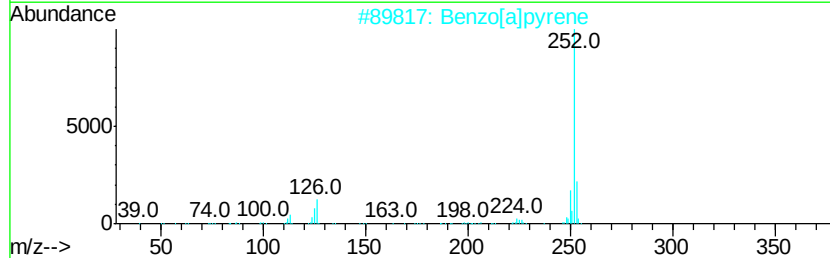
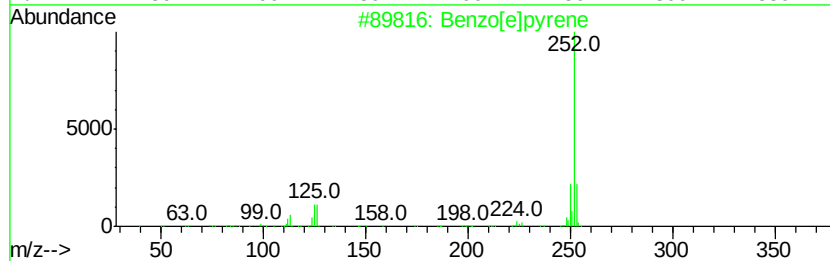
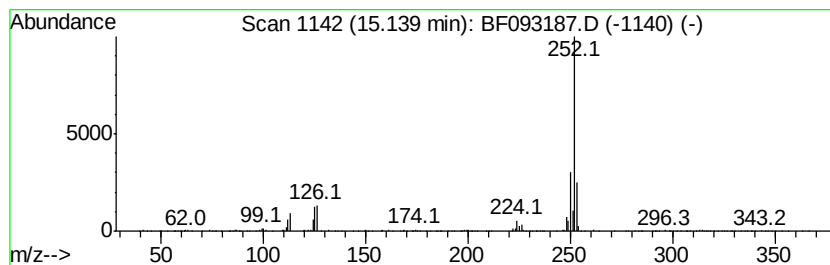
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	8.48 ng	294266	Perylene-d12	15.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	97
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5			Perylene	252	C20H12	000198-55-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
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ClientSampleId :
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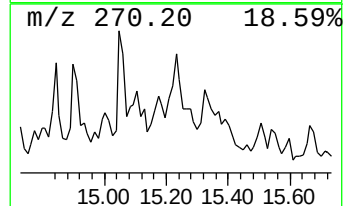
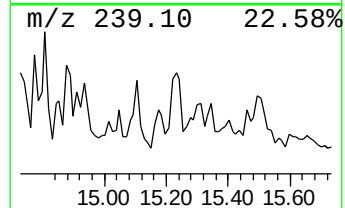
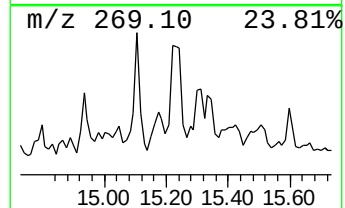
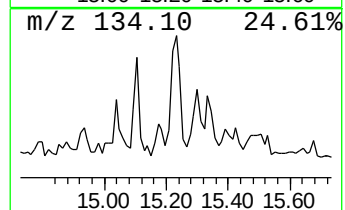
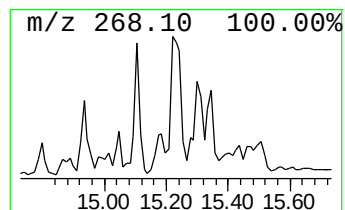
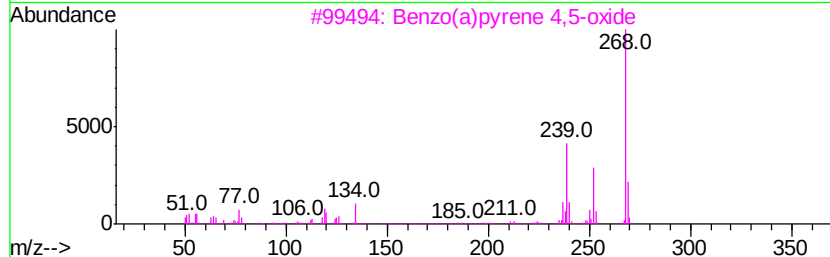
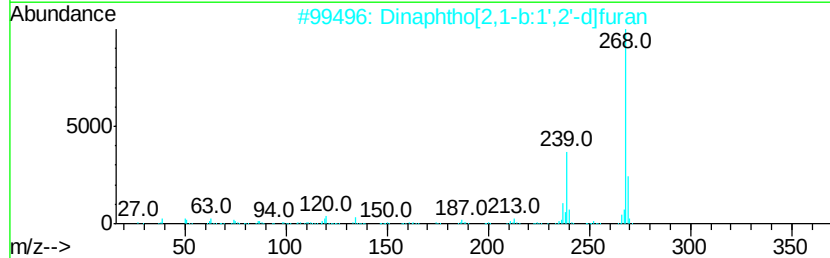
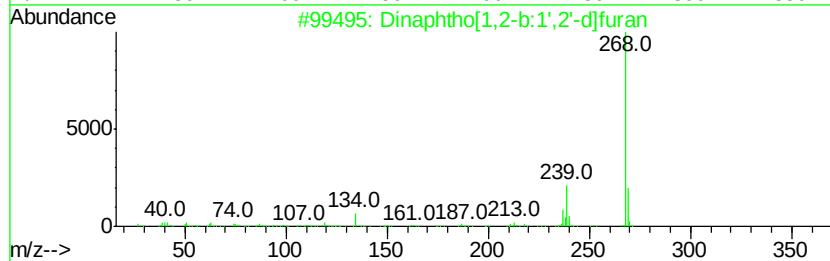
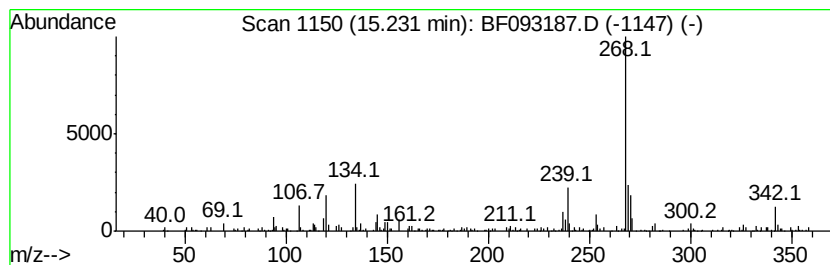
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	5.18 ng	179851	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	52
4		trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	46
5		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
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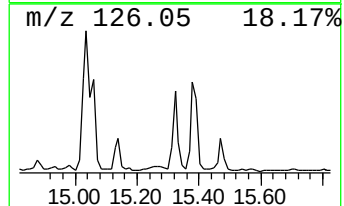
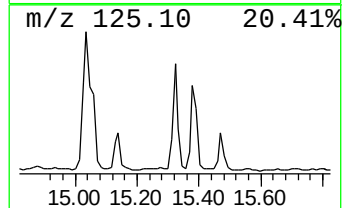
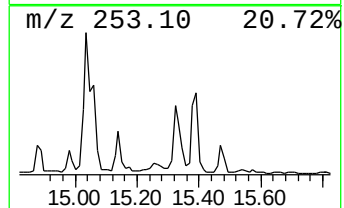
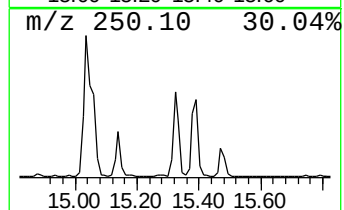
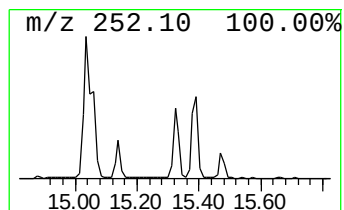
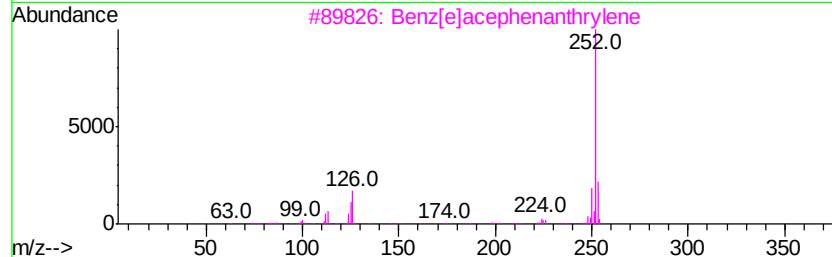
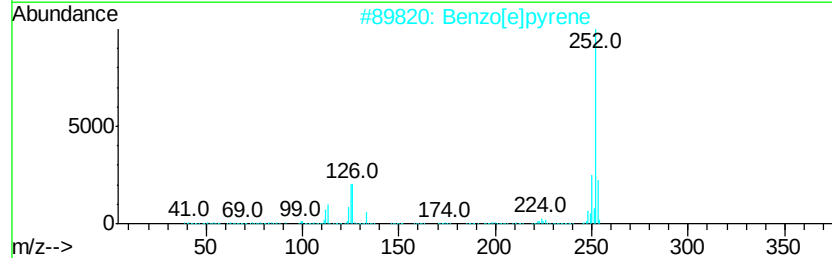
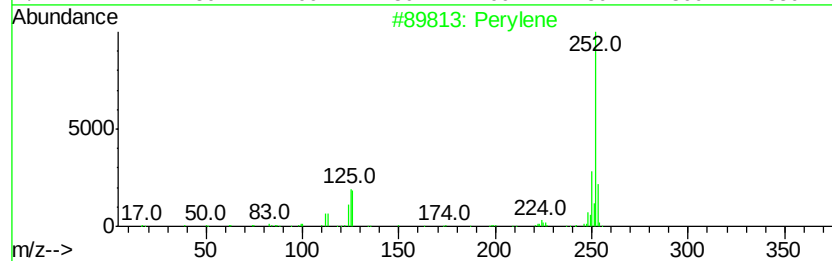
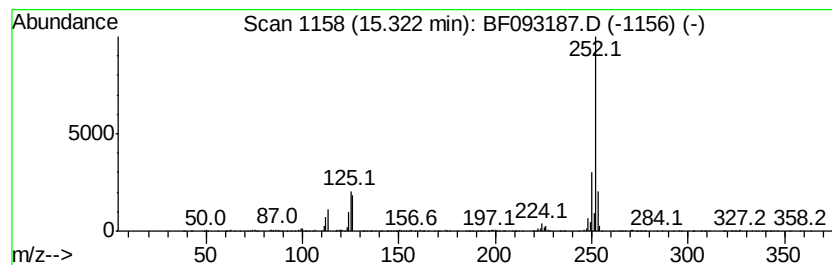
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	23.44 ng	813388	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[el]pyrene	252	C20H12	000192-97-2	98
3		Benzo[el]acephenanthrylene	252	C20H12	000205-99-2	98
4		Benzo[i]lfluoranthene	252	C20H12	000205-82-3	97
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093187.D
Acq On : 25 Feb 2017 12:36
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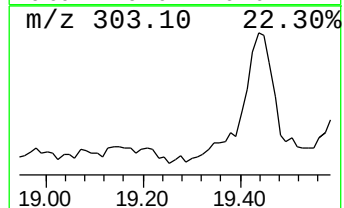
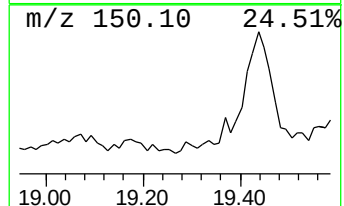
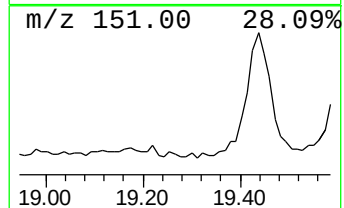
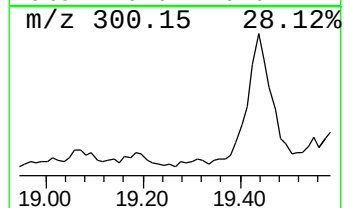
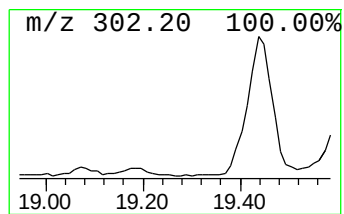
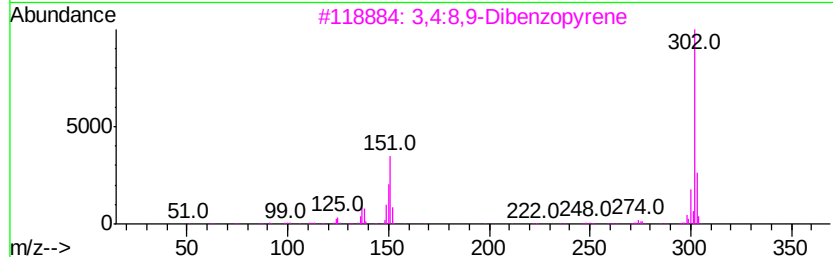
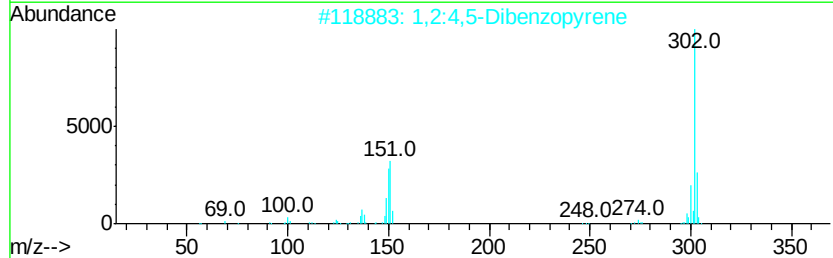
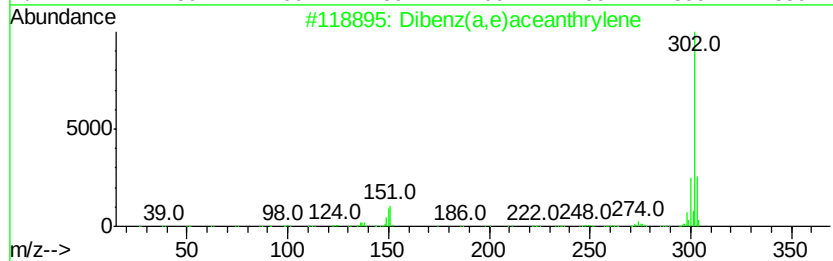
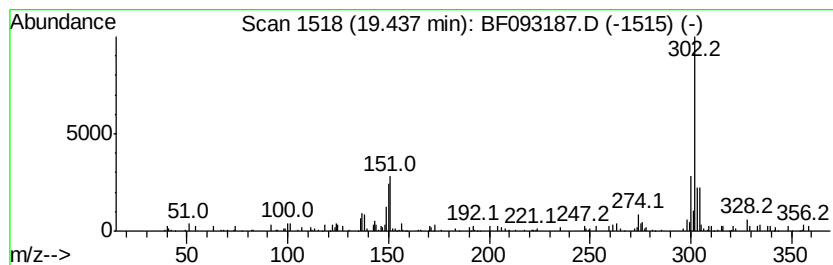
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	7.53 ng	261455	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	89
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	89
4		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	78
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
 Data File : BF093187.D
 Acq On : 25 Feb 2017 12:36
 Operator : SJ/MA
 Sample : I1972-14
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-SW-3

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...	5.00	32.8	ng	1632550	1	6.83	995545	20.0
unknown6.60	6.60	68.1	ng	3390570	1	6.83	995545	20.0
Naphthalene, 1,5-...	9.54	5.2	ng	353694	3	9.88	1356150	20.0
Pentadecane, 2,6,...	10.80	12.3	ng	747796	4	11.37	1214550	20.0
Naphthalene, 1,2,...	11.10	5.3	ng	323377	4	11.37	1214550	20.0
Eicosane	11.23	5.9	ng	358161	4	11.37	1214550	20.0
Anthracene, 2-met...	11.87	5.8	ng	351224	4	11.37	1214550	20.0
Phenanthrene, 2-m...	11.89	6.8	ng	413896	4	11.37	1214550	20.0
Phenanthrene, 1-m...	11.97	12.1	ng	733522	4	11.37	1214550	20.0
Phenanthrene, 2,5...	12.42	7.4	ng	448766	4	11.37	1214550	20.0
unknown12.45	12.45	8.0	ng	484572	4	11.37	1214550	20.0
Fluoranthene, 2-m...	13.14	5.2	ng	721075	5	14.01	2752780	20.0
1,1'-Binaphthalene	14.88	6.9	ng	240204	6	15.45	694022	20.0
Benzo[e]pyrene	15.14	8.5	ng	294266	6	15.45	694022	20.0
Dinaphtho[1,2-b:1...	15.23	5.2	ng	179851	6	15.45	694022	20.0
Perylene	15.32	23.4	ng	813388	6	15.45	694022	20.0
Dibenz(a,e)aceant...	19.44	7.5	ng	261455	6	15.45	694022	20.0