

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093053.D
 Acq On : 21 Feb 2017 2:39
 Operator : SJ/MA
 Sample : I1915-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-1

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	2.201	6	10	13	rBV5	122850	191631	5.16%	0.359%
2	2.361	22	24	28	rVB2	157540	264416	7.12%	0.496%
3	3.161	92	94	96	rVB3	80070	72836	1.96%	0.137%
4	3.264	98	103	106	rBV5	107601	200321	5.40%	0.376%
5	3.756	140	146	151	rBV	56111	115351	3.11%	0.216%
6	5.013	253	256	264	rBV	1154936	1516612	40.85%	2.843%
7	5.401	287	290	291	rBV	57968	92336	2.49%	0.173%
8	5.447	291	294	296	rVB	2734782	3460515	93.21%	6.488%
9	5.664	311	313	317	rVB2	38303	53652	1.45%	0.101%
10	5.984	338	341	343	rVB3	61100	76876	2.07%	0.144%
11	6.076	348	349	353	rVB2	61867	105259	2.84%	0.197%
12	6.270	363	366	371	rBV3	55522	114693	3.09%	0.215%
13	6.362	373	374	375	rVV	105383	100092	2.70%	0.188%
14	6.396	375	377	379	rVB	75509	89292	2.41%	0.167%
15	6.487	382	385	387	rVV	3294555	3712701	100.00%	6.961%
16	6.579	390	393	394	rBV3	44029	84742	2.28%	0.159%
17	6.613	394	396	398	rVB	3612729	3321394	89.46%	6.227%
18	6.682	398	402	405	rVB2	133046	200606	5.40%	0.376%
19	6.796	408	412	414	rBV3	29936	79168	2.13%	0.148%
20	6.842	414	416	420	rVB	1099800	1045189	28.15%	1.960%
21	6.922	420	423	425	rBV	853979	783268	21.10%	1.469%
22	7.002	428	430	432	rBV	2930065	2578517	69.45%	4.834%
23	7.116	438	440	442	rVB2	51810	84225	2.27%	0.158%
24	7.162	442	444	448	rBV4	31561	82078	2.21%	0.154%
25	7.242	448	451	452	rBV2	75371	101602	2.74%	0.190%
26	7.276	452	454	456	rVB2	37823	60577	1.63%	0.114%
27	7.413	463	466	468	rVV	2224250	2030129	54.68%	3.806%
28	7.447	468	469	471	rVB	211974	160731	4.33%	0.301%
29	7.493	471	473	474	rBV	54934	71826	1.93%	0.135%
30	7.619	481	484	486	rBV4	32962	71109	1.92%	0.133%
31	7.653	486	487	489	rVB	77066	63408	1.71%	0.119%
32	7.767	491	497	500	rBV5	50207	107649	2.90%	0.202%
33	7.882	503	507	509	rBV2	117032	156907	4.23%	0.294%
34	8.133	522	529	533	rBV2	1426430	1911939	51.50%	3.585%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.202	533	535	539 rVB	38759	64258	1.73%	0.120%
36	8.430	551	555	558 rBV4	24524	54504	1.47%	0.102%
37	8.556	564	566	571 rVB	61267	91192	2.46%	0.171%
38	8.727	579	581	583 rBV	109569	87946	2.37%	0.165%
39	9.208	621	623	626 rVV	2650349	2973501	80.09%	5.575%
40	9.288	628	630	635 rVV2	79869	140455	3.78%	0.263%
41	9.356	635	636	639 rVB	76222	71301	1.92%	0.134%
42	9.550	651	653	656 rBV3	38041	75199	2.03%	0.141%
43	9.608	656	658	660 rVV	1149455	940050	25.32%	1.762%
44	9.745	669	670	673 rBV	47161	60420	1.63%	0.113%
45	9.813	673	676	678 rVV	85223	138798	3.74%	0.260%
46	9.882	680	682	684 rVV	957361	1335621	35.97%	2.504%
47	9.916	684	685	687 rVB	60056	56144	1.51%	0.105%
48	10.053	694	697	698 rBV	43250	79404	2.14%	0.149%
49	10.316	719	720	722 rVB	173595	126587	3.41%	0.237%
50	10.430	729	730	733 rVB	57538	56234	1.51%	0.105%
51	10.533	737	739	742 rBV	66350	113768	3.06%	0.213%
52	10.671	749	751	754 rBV2	1366287	1685006	45.38%	3.159%
53	10.796	760	762	766 rBV	178897	335741	9.04%	0.629%
54	10.888	766	770	771 rBV4	21603	54634	1.47%	0.102%
55	10.979	776	778	779 rBV	66166	82094	2.21%	0.154%
56	11.128	787	791	794 rBV4	41057	113198	3.05%	0.212%
57	11.242	798	801	802 rBV2	88535	144669	3.90%	0.271%
58	11.265	802	803	806 rVB	146798	129245	3.48%	0.242%
59	11.368	810	812	816 rBV2	1160830	1831364	49.33%	3.434%
60	11.448	816	819	820 rBV	169573	163993	4.42%	0.307%
61	11.482	820	822	823 rBV2	45088	64319	1.73%	0.121%
62	11.619	831	834	835 rBV3	78015	175198	4.72%	0.328%
63	11.665	836	838	839 rBV	145842	151199	4.07%	0.283%
64	11.871	854	856	857 rBV	183074	232172	6.25%	0.435%
65	11.905	857	859	860 rVV	200684	245615	6.62%	0.460%
66	11.985	864	866	867 rBV	246266	300763	8.10%	0.564%
67	12.591	917	919	920 rBV	1245999	1148247	30.93%	2.153%
68	12.625	920	922	924 rVB	325208	252518	6.80%	0.473%
69	12.808	935	938	941 rBV2	837682	1406444	37.88%	2.637%
70	12.865	941	943	945 rVB3	70477	115141	3.10%	0.216%
71	12.956	948	951	953 rVV	2108704	2042129	55.00%	3.829%

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72	13.025	955	957	961	rBV3	97768	208265	5.61%	0.390%
73	13.094	961	963	964	rBV	220422	233484	6.29%	0.438%
74	13.139	964	967	969	rVB	206233	272608	7.34%	0.511%
75	13.185	969	971	974	rBV2	243204	344727	9.29%	0.646%
76	13.242	974	976	978	rBV	152918	169959	4.58%	0.319%
77	13.334	982	984	985	rBV	93767	80362	2.16%	0.151%
78	13.368	985	987	988	rBV	74680	70681	1.90%	0.133%
79	13.528	998	1001	1003	rBV	209953	302081	8.14%	0.566%
80	13.757	1019	1021	1022	rBV2	83634	72027	1.94%	0.135%
81	13.848	1028	1029	1034	rVB	319381	384717	10.36%	0.721%
82	14.008	1039	1043	1049	rBV2	1049012	2413661	65.01%	4.525%
83	14.111	1051	1052	1053	rVB	105902	72649	1.96%	0.136%
84	14.168	1055	1057	1059	rBV2	173724	188935	5.09%	0.354%
85	14.397	1075	1077	1078	rVB	133054	144612	3.90%	0.271%
86	14.477	1081	1084	1086	rBV3	151075	271214	7.31%	0.508%
87	14.774	1108	1110	1111	rBV	111864	128486	3.46%	0.241%
88	15.025	1130	1132	1136	rBV	660556	1362645	36.70%	2.555%
89	15.094	1136	1138	1140	rVV2	146295	186687	5.03%	0.350%
90	15.128	1140	1141	1147	rVB	136440	194532	5.24%	0.365%
91	15.322	1155	1158	1161	rVB	406094	576632	15.53%	1.081%
92	15.380	1161	1163	1166	rVV	720433	829328	22.34%	1.555%
93	15.437	1166	1168	1174	rVB2	679113	1203693	32.42%	2.257%
94	15.620	1182	1184	1185	rBV	76420	64205	1.73%	0.120%
95	16.088	1223	1225	1235	rVB4	117611	372715	10.04%	0.699%
96	16.500	1259	1261	1268	rVB5	118690	290989	7.84%	0.546%
97	16.843	1288	1291	1295	rBV	351235	670964	18.07%	1.258%
98	17.265	1325	1328	1334	rBV	488117	1162646	31.32%	2.180%
99	17.551	1350	1353	1360	rVB4	189252	546977	14.73%	1.026%
100	19.334	1505	1509	1513	rBV4	72576	215958	5.82%	0.405%

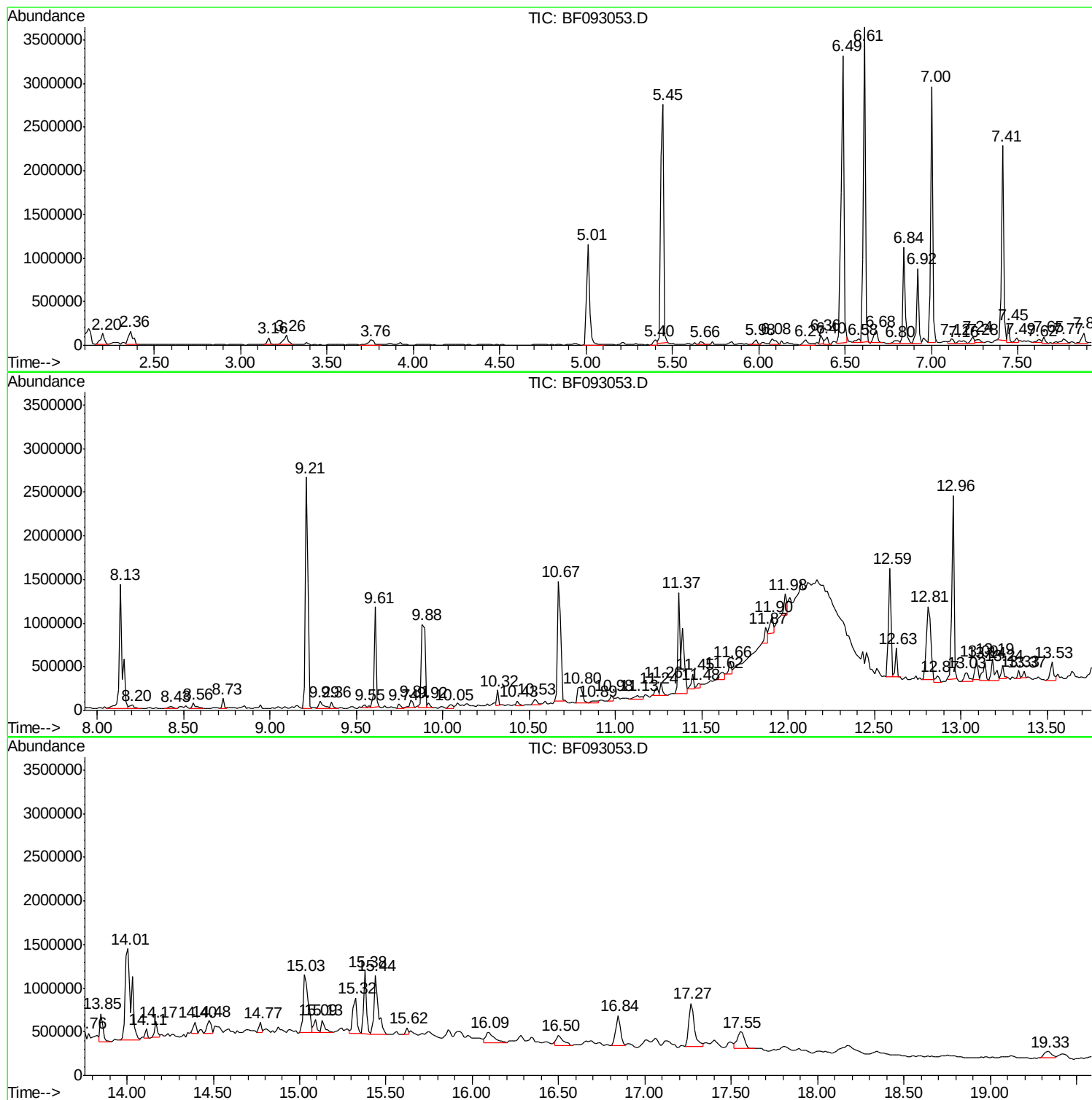
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TIC Library : C:\DATABASE\NIST02.L
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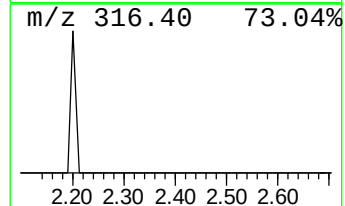
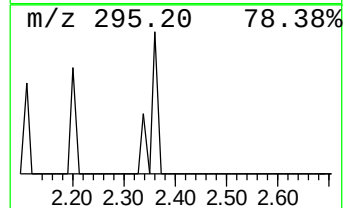
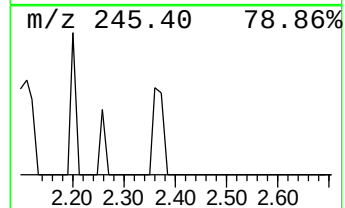
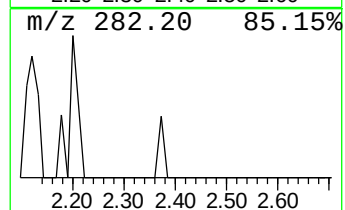
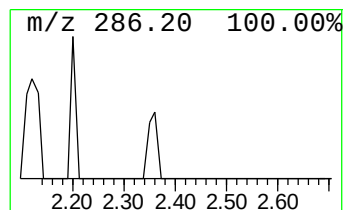
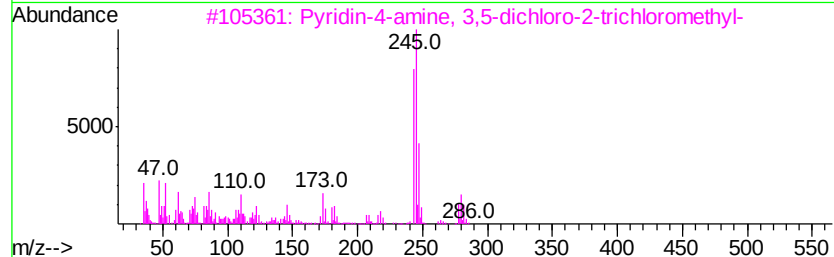
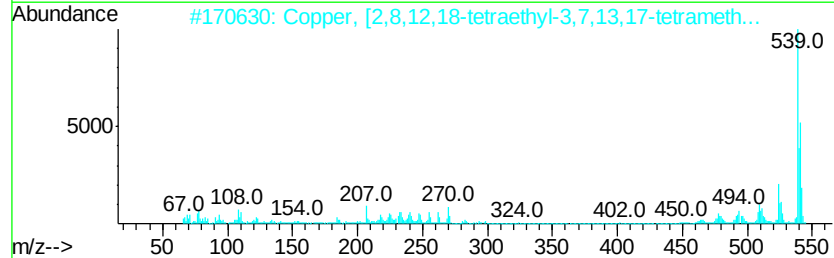
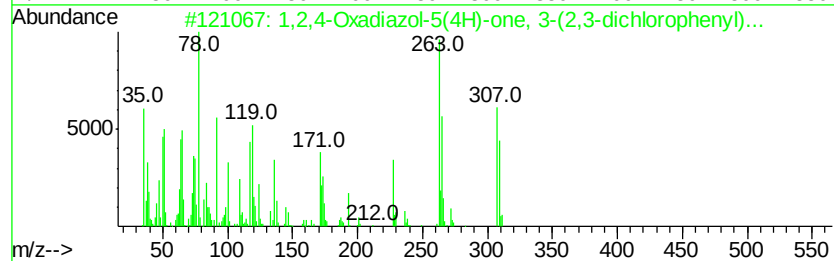
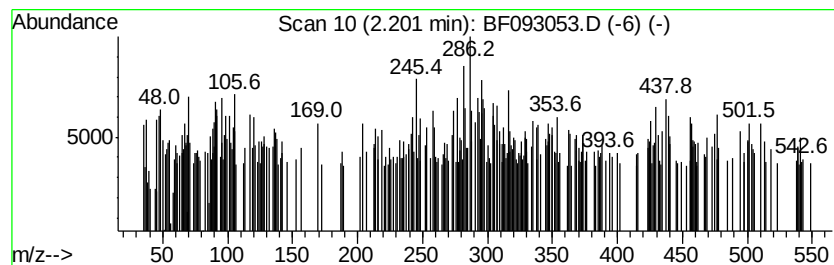
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.20 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	3.67 ng	191631	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,4-Oxadiazol-5(4H)-one, 3-(2,...	307	C13H7Cl2N3O2	288246-51-5	11
2		Copper, [2,8,12,18-tetraethyl-3,...	539	C32H36CuN4	014055-18-6	10
3		Pyridin-4-amine, 3,5-dichloro-2-...	278	C6H3Cl5N2	014321-05-2	10
4		Ethane, 1,1,2-trichloro-1,2,2-tr...	186	C2Cl3F3	000076-13-1	9
5		Tin(IV) chloride	260	Cl4Sn	007646-78-8	9



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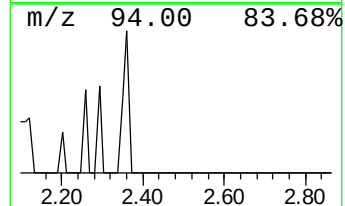
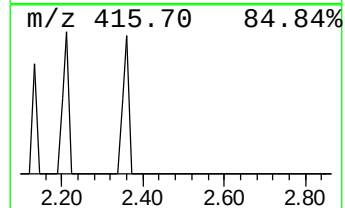
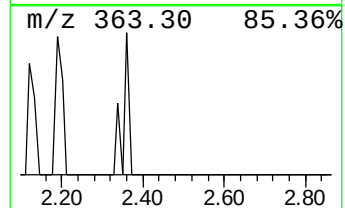
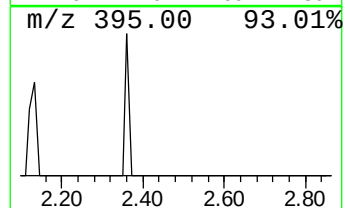
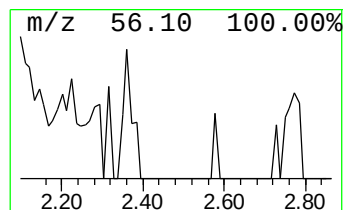
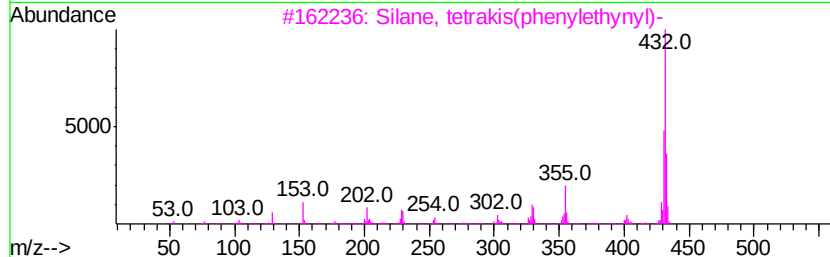
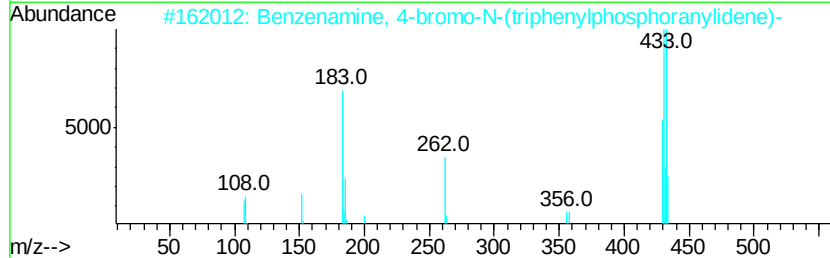
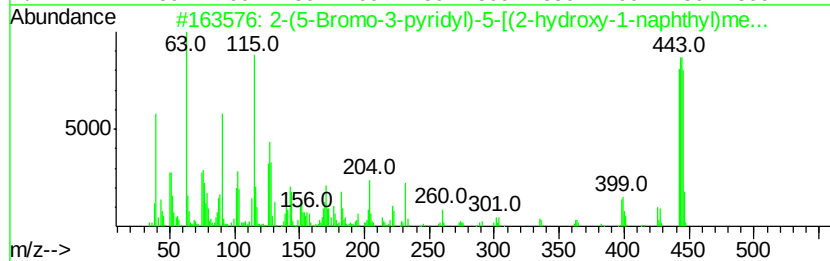
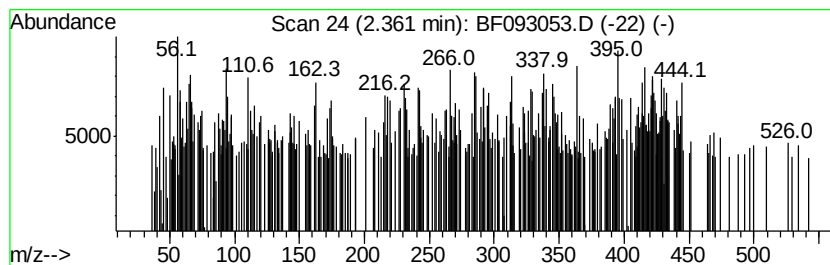
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown2.36 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.36	5.06 ng	264416	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(5-Bromo-3-pyridyl)-5-[(2-hydr...	443	C23H14BrN3O2	1000225-99-2	9
2		Benzenamine, 4-bromo-N-(tripheny...	431	C24H19BrNP	014987-96-3	9
3		Silane, tetrakis(phenylethynyl)-	432	C32H20Si	018769-86-3	9
4		7-Chloro-3-[4-cyclohexylphenyl]-...	489	C30H36ClN3O	144155-34-0	9
5		Digoxigenin, 3,12-bis(trimethyls...	534	C29H50O5Si2	028371-18-8	9



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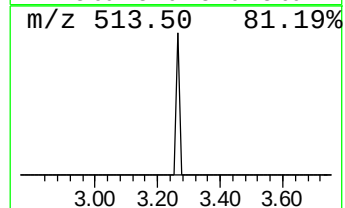
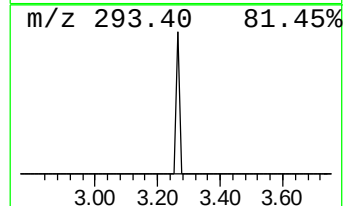
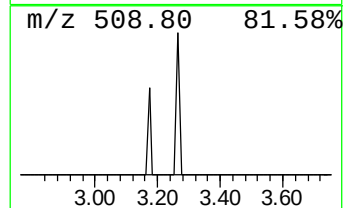
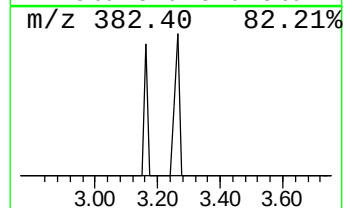
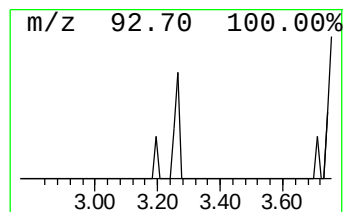
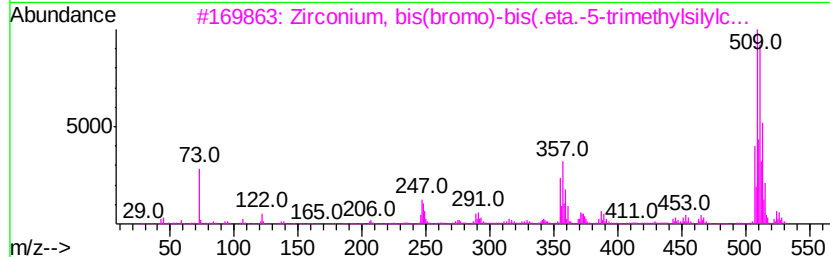
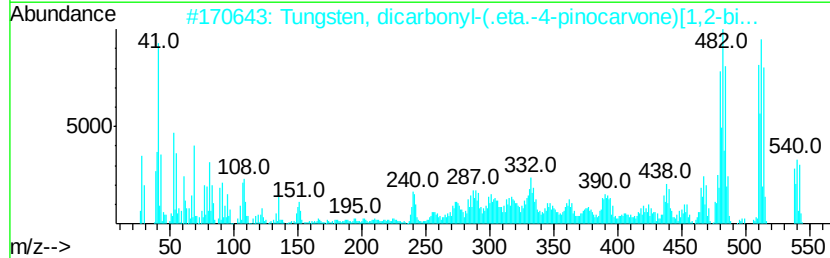
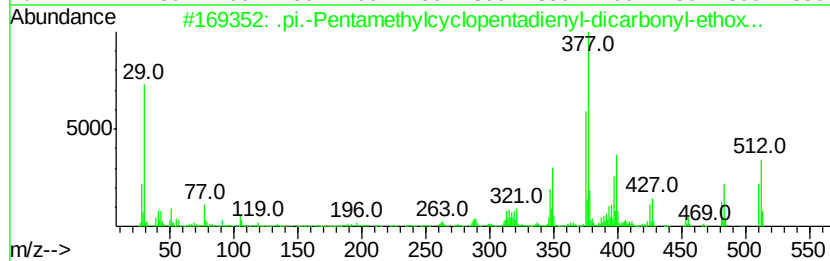
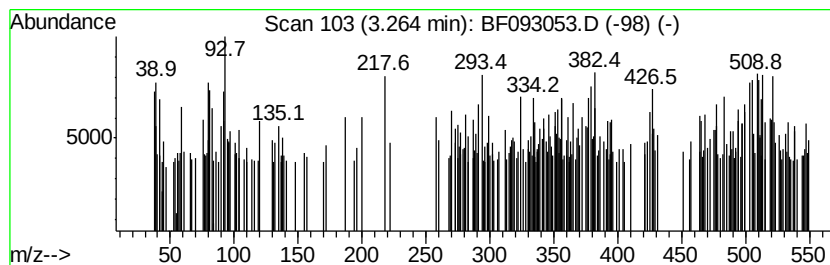
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown3.26 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.26	3.83 ng	200321	1,4-Dichlorobenzene-d4	6.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.pi.-Pentamethylcyclopentadienyl...	512	C21H25O3Re	1000287-47-5	11
2	Tungsten, dicarbonyl-(.eta.-4-pi...	540	C18H30O3P2W	1000163-98-7	10
3	Zirconium, bis(bromo)-bis(.eta.-...	522	C16H26Br2Si2Zr	1000163-27-2	10
4	[1,1'-Bianthracene]-9,9',10,10'-...	538	C30H18O10	000602-06-2	9
5	2,4-Cyclopentadiene-1,2,3,4-tetr...	503	C22H18BrN08	049616-73-1	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
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Acq On : 21 Feb 2017 2:39
Operator : SJ/MA
Sample : I1915-03
Misc :
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Instrument :
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ClientSampleId :
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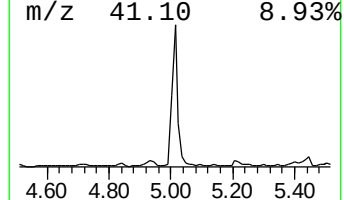
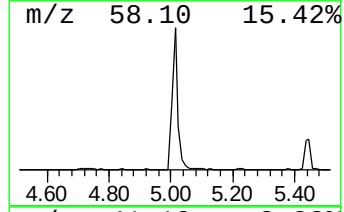
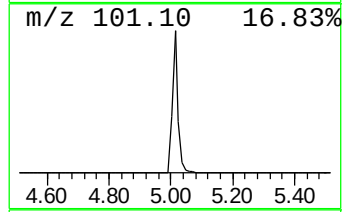
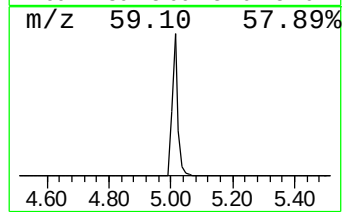
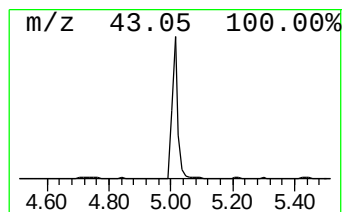
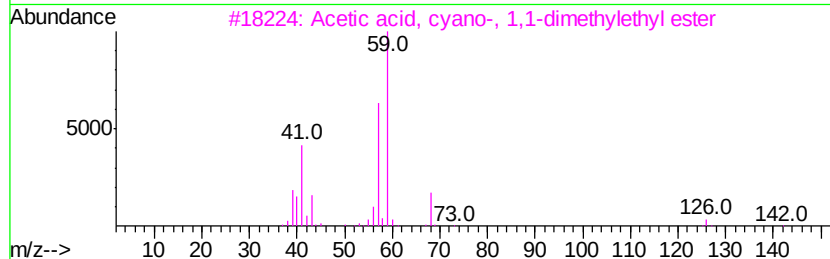
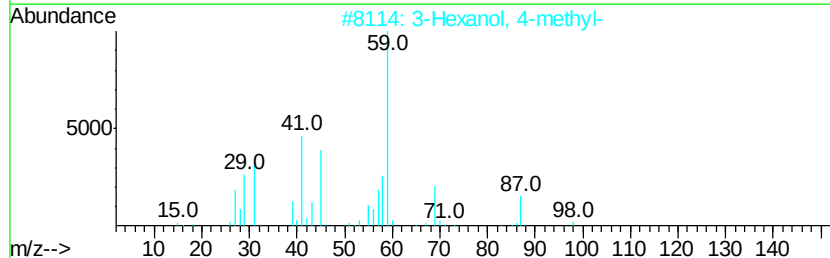
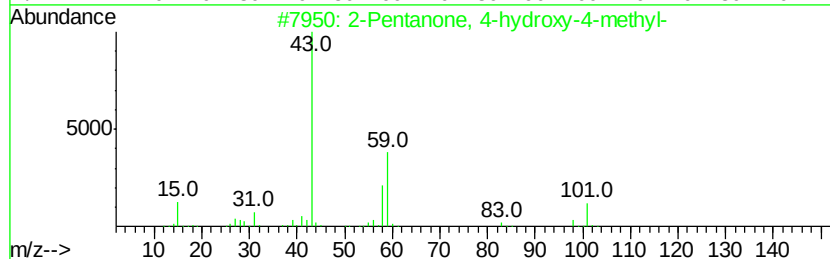
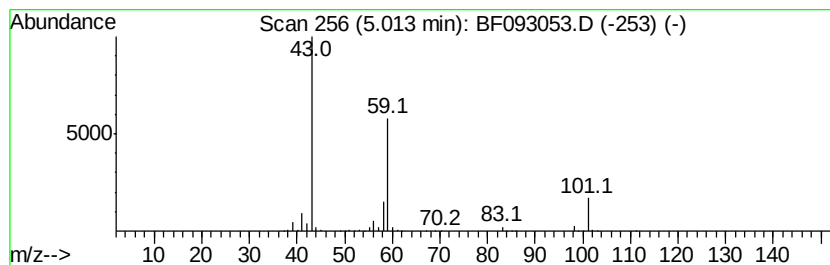
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	29.02 ng	1516610	1,4-Dichlorobenzene-d4	6.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9



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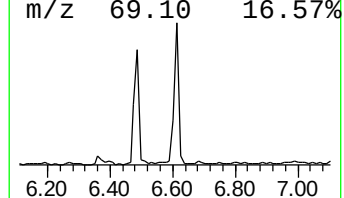
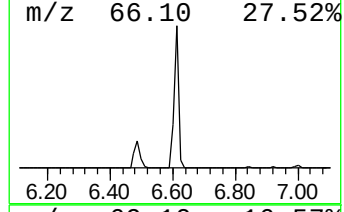
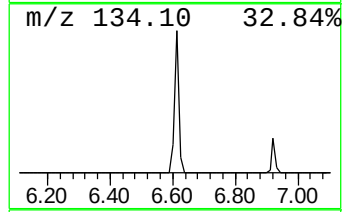
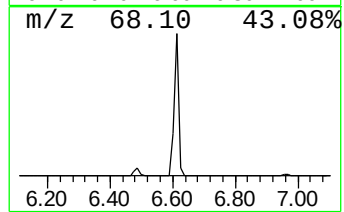
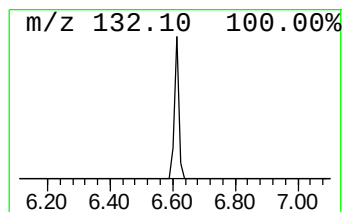
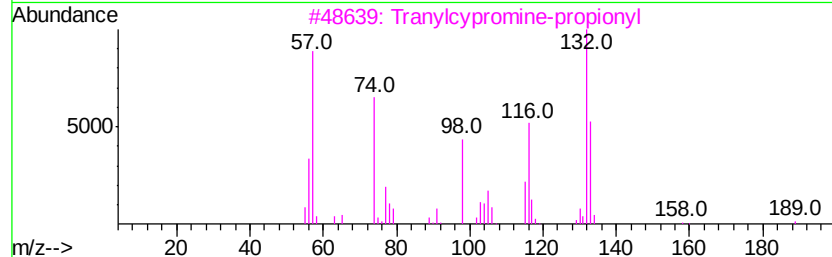
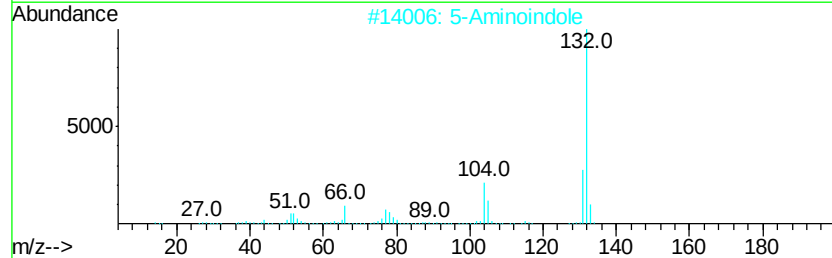
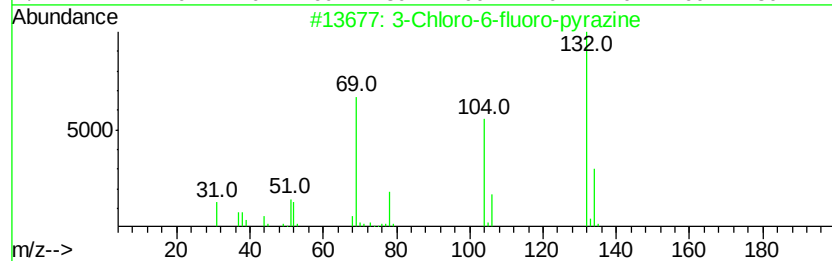
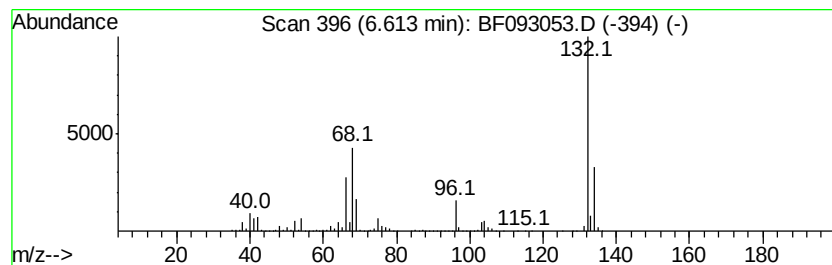
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	63.56 ng	3321390	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5	Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranvlcypropine-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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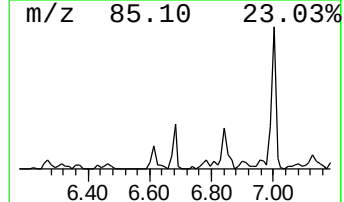
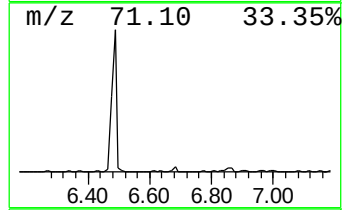
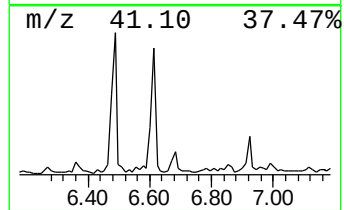
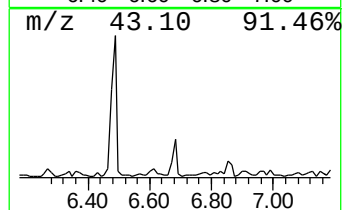
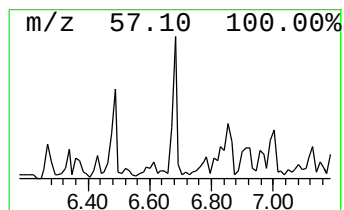
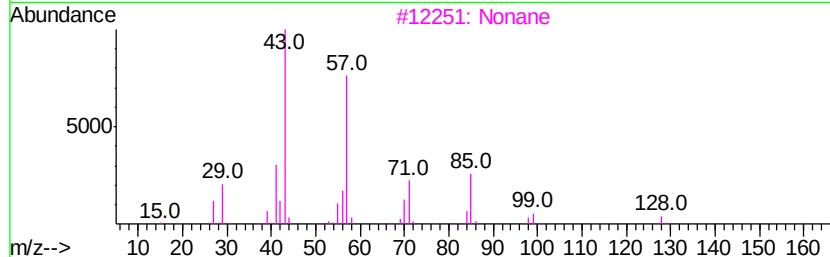
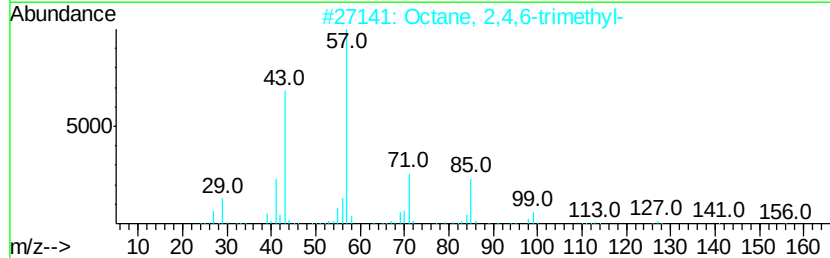
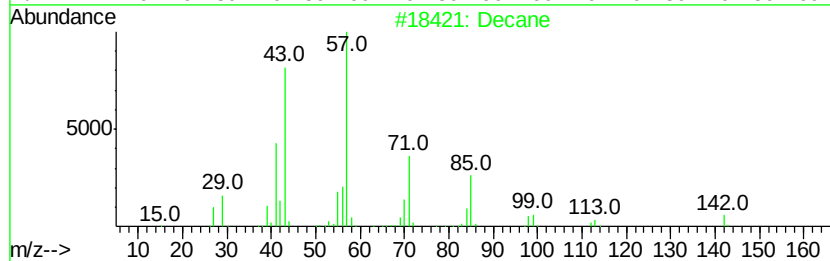
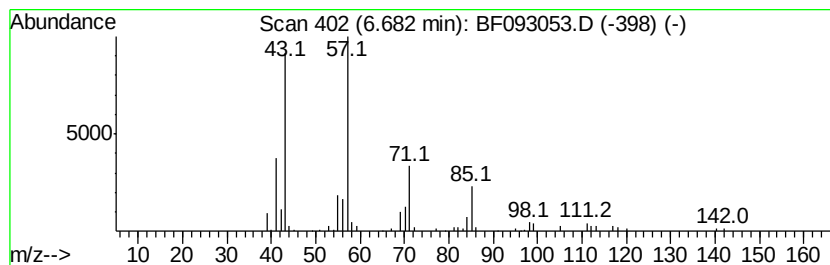
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.68	3.84 ng	200606	1,4-Dichlorobenzene-d4	6.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
3	Nonane	128	C9H20	000111-84-2	72
4	Undecane	156	C11H24	001120-21-4	72
5	Tetradecane	198	C14H30	000629-59-4	72



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Misc :
ALS Vial : 25 Sample Multiplier: 1

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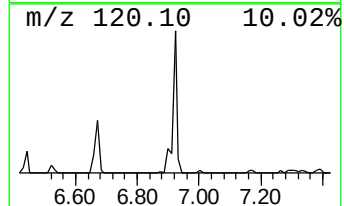
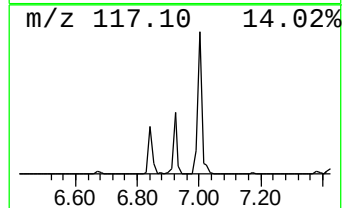
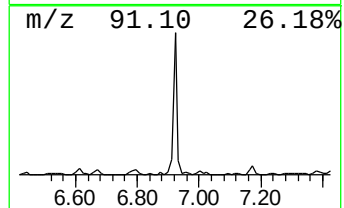
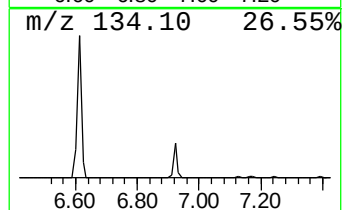
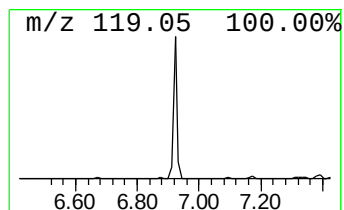
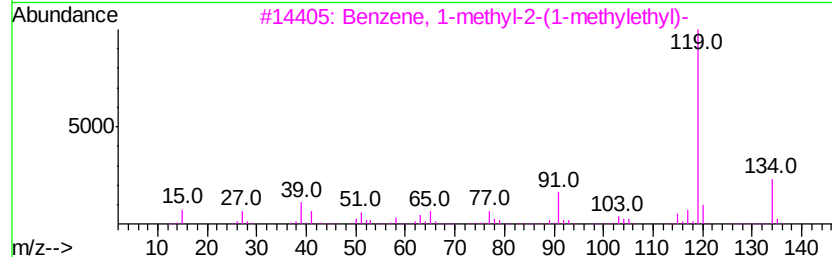
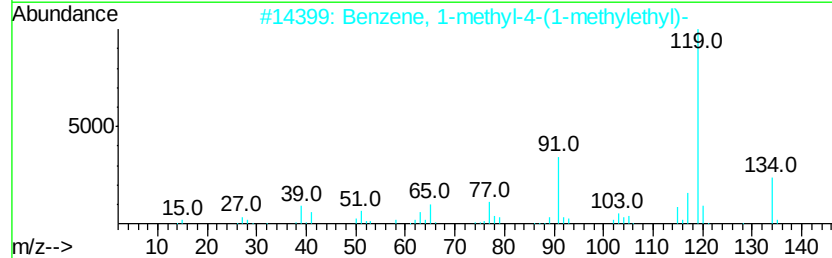
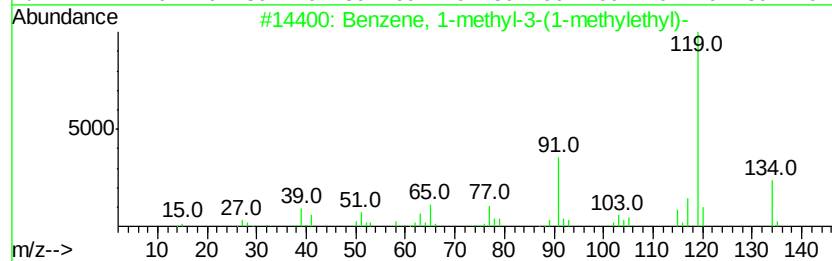
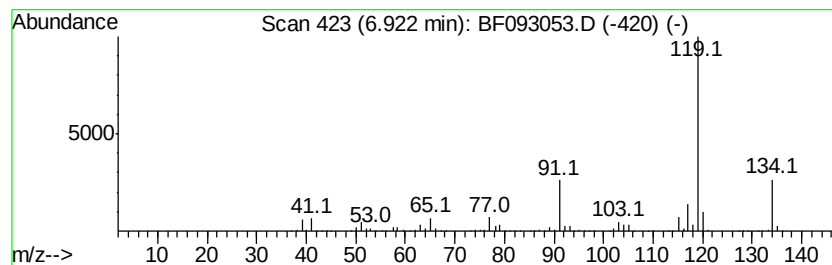
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	14.99 ng	783268	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



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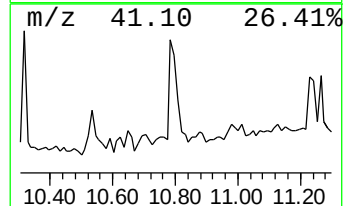
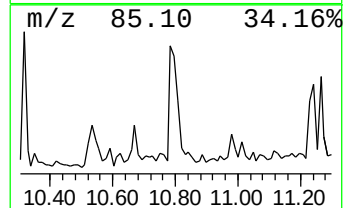
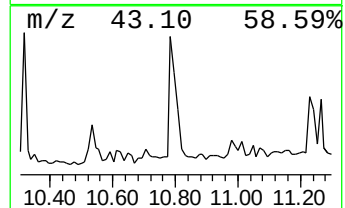
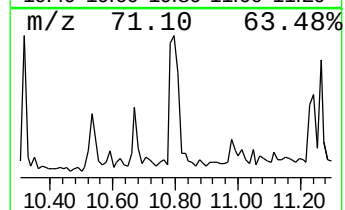
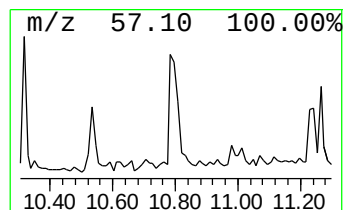
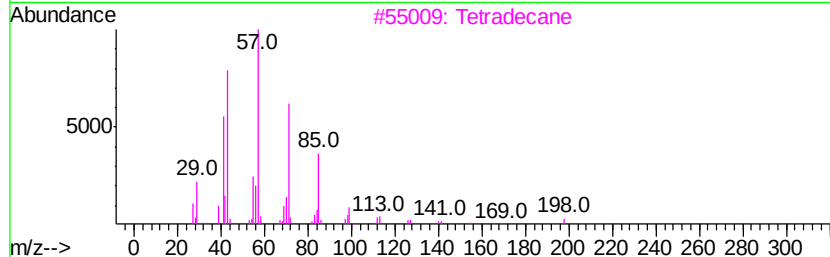
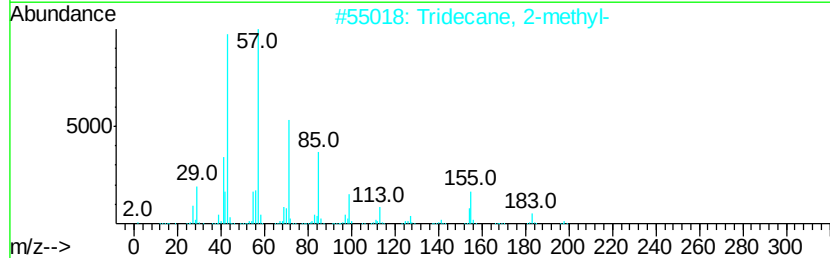
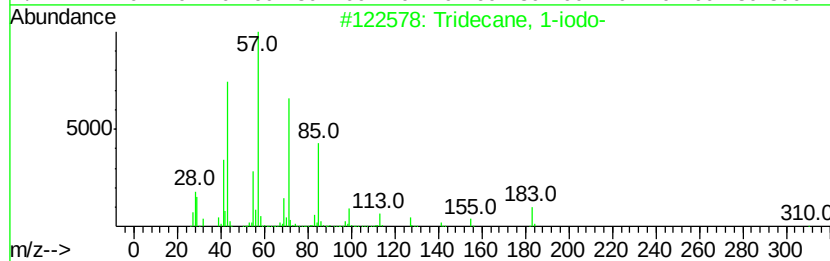
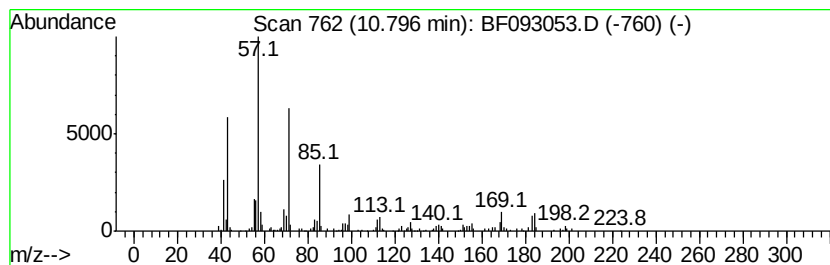
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.80	3.67 ng	335741	Phenanthrene-d10		11.37
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
3	Tetradecane	198	C14H30	000629-59-4	62
4	Heptacosane	380	C27H56	000593-49-7	62
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58



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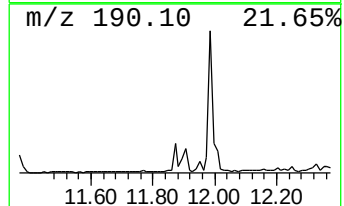
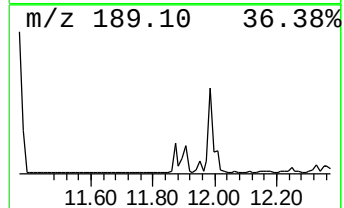
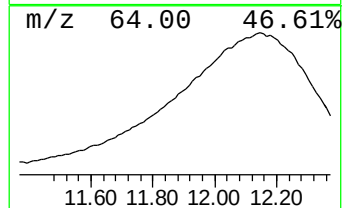
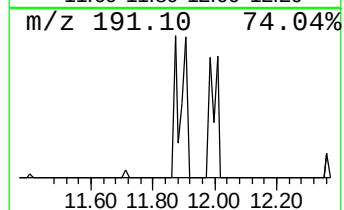
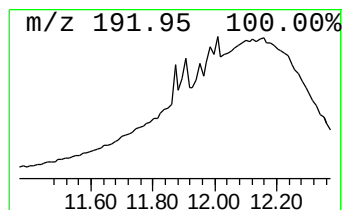
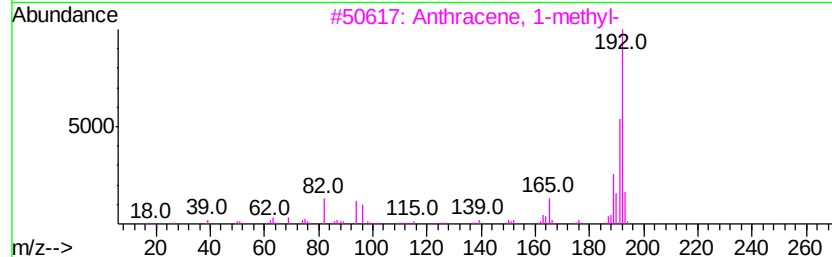
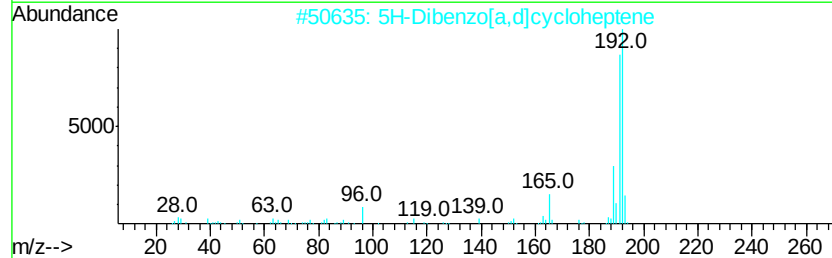
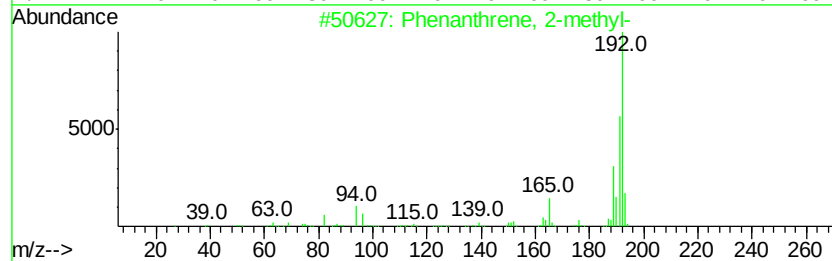
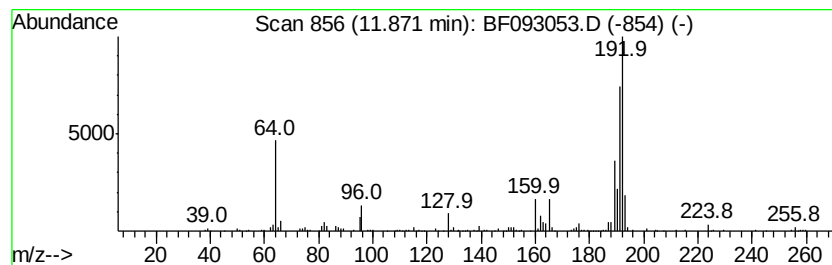
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.54 ng	232172	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	83
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	74
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74



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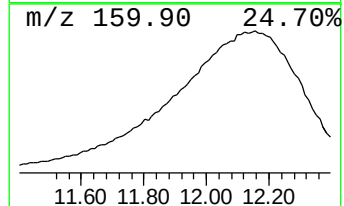
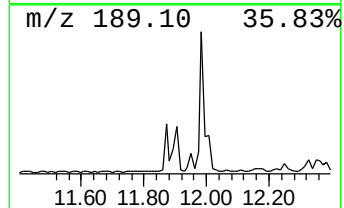
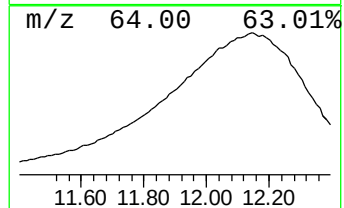
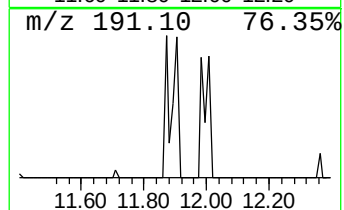
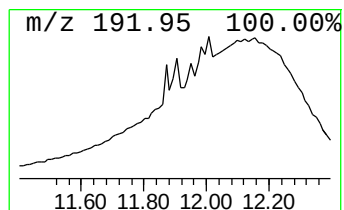
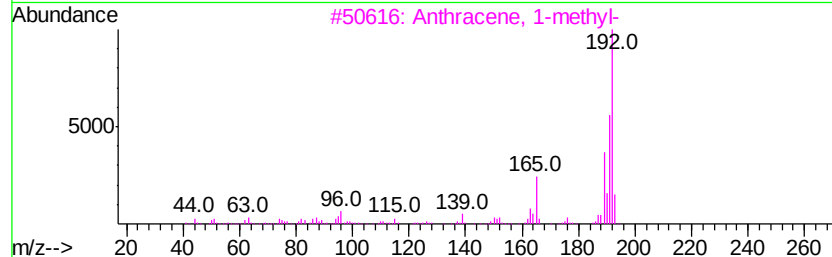
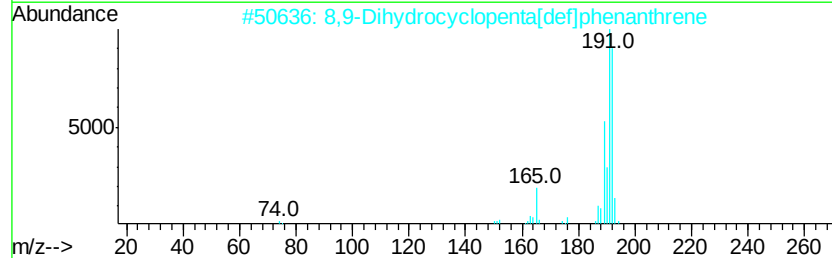
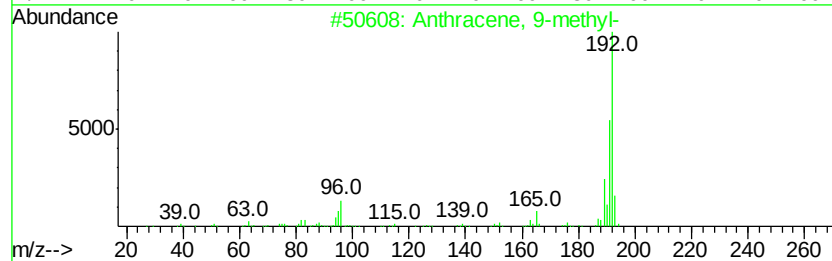
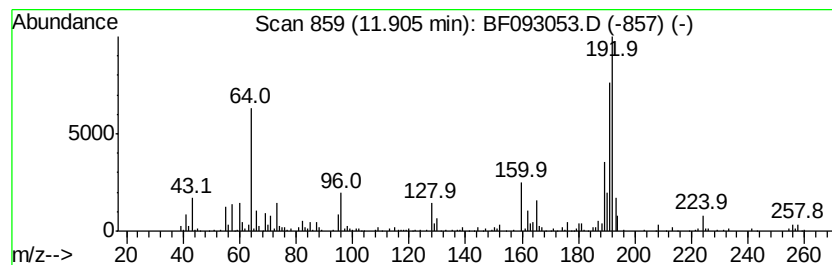
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.68 ng	245615	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
2		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	60
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
Data File : BF093053.D
Acq On : 21 Feb 2017 2:39
Operator : SJ/MA
Sample : I1915-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

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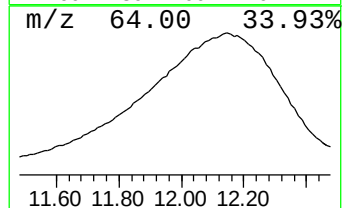
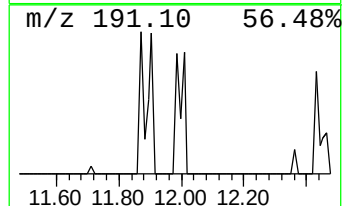
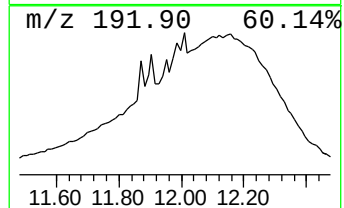
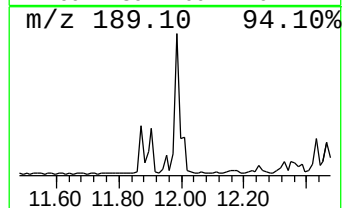
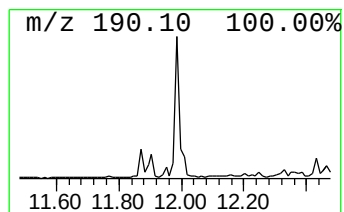
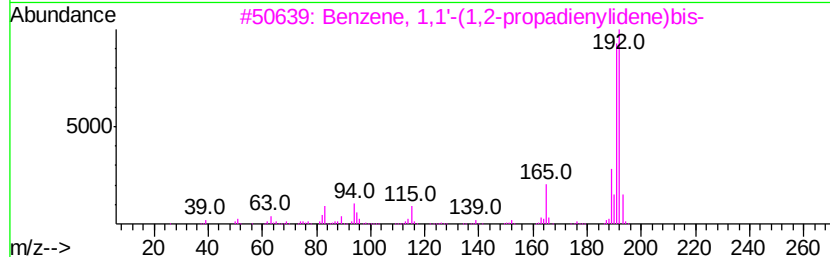
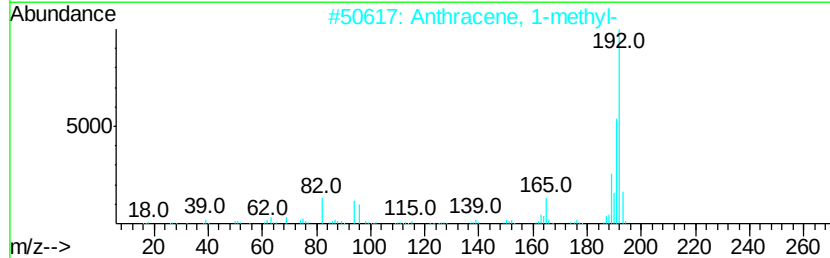
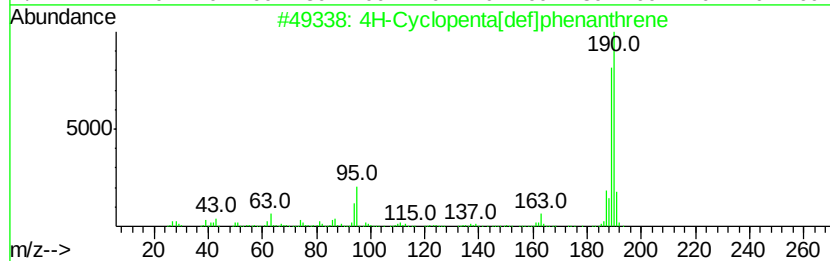
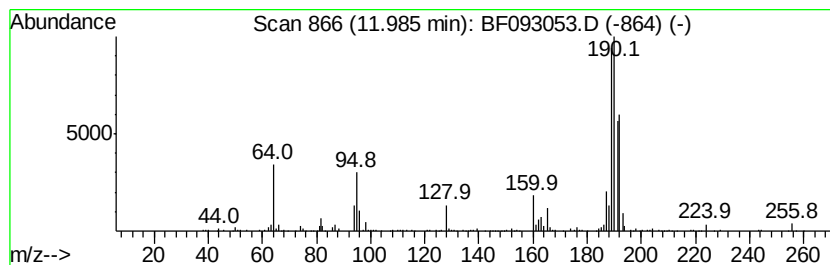
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.28 ng	300763	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	25
3			Benzene, 1,1'-(1,2-propadienyldi...	192	C15H12	014251-57-1	18
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
5			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093053.D
Acq On : 21 Feb 2017 2:39
Operator : SJ/MA
Sample : I1915-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

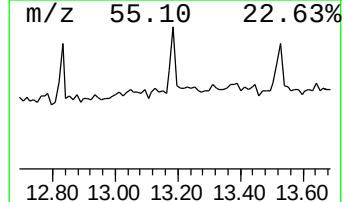
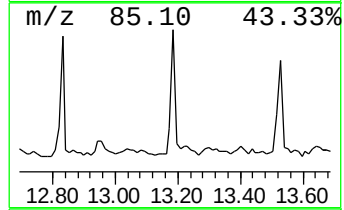
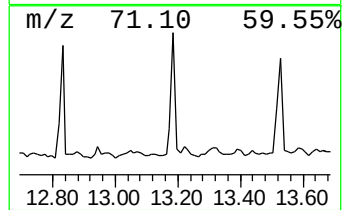
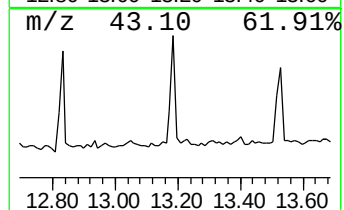
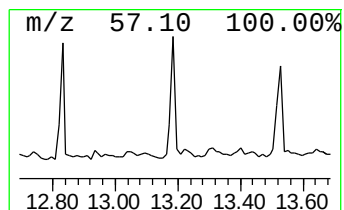
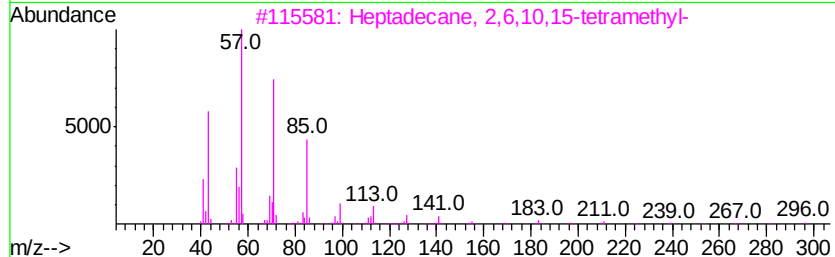
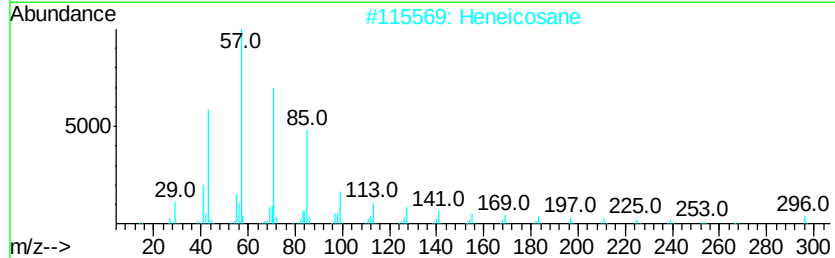
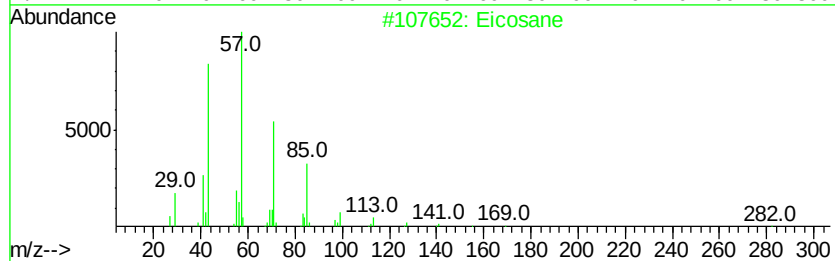
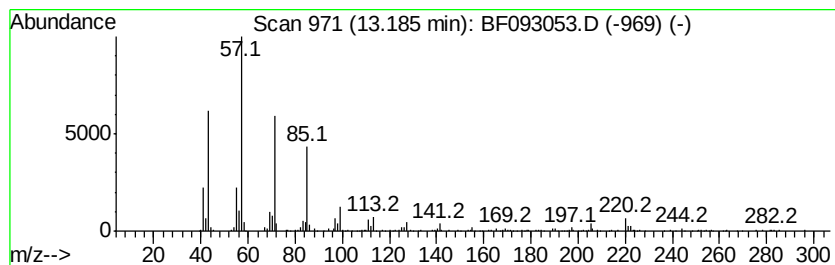
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.86 ng	344727	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	96
2	Heneicosane	296 C21H44	000629-94-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	91
4	Octadecane	254 C18H38	000593-45-3	91
5	Octacosane	394 C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
Data File : BF093053.D
Acq On : 21 Feb 2017 2:39
Operator : SJ/MA
Sample : I1915-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

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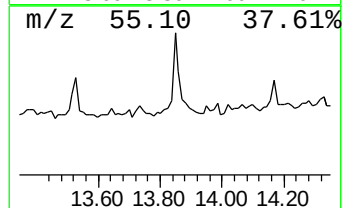
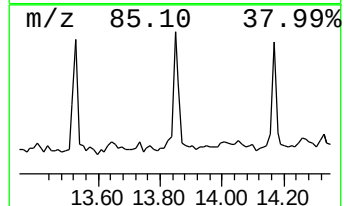
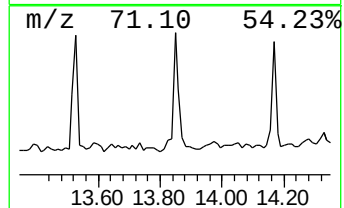
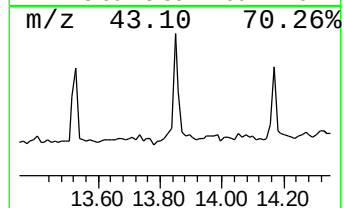
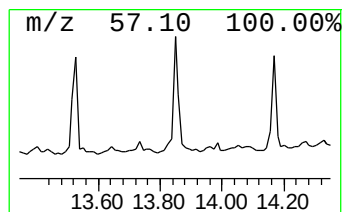
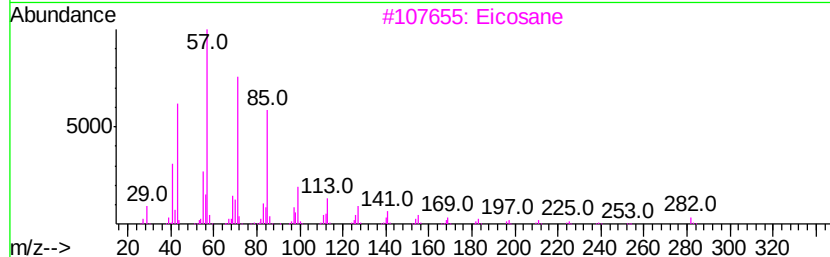
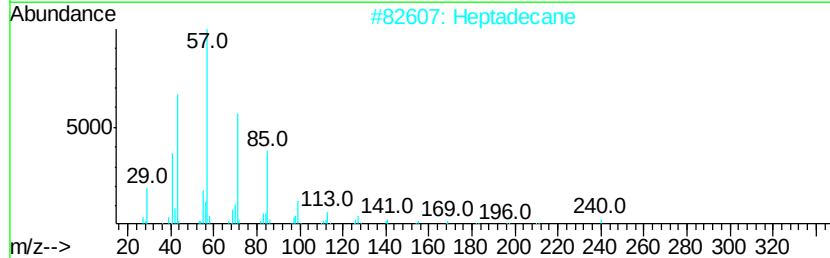
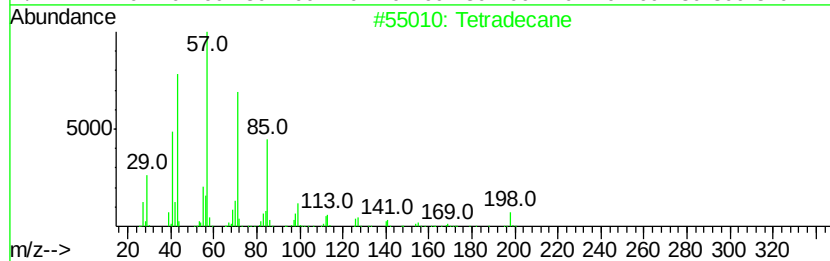
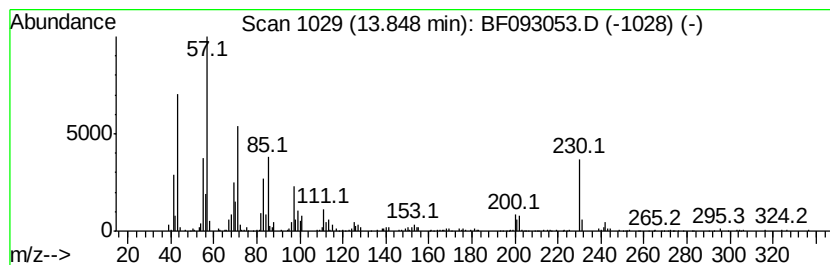
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.19 ng	384717	Chrysene-d12	14.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	92
2			Heptadecane	240	C17H36	000629-78-7	90
3			Eicosane	282	C20H42	000112-95-8	86
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
5			Pentadecane	212	C15H32	000629-62-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
Data File : BF093053.D
Acq On : 21 Feb 2017 2:39
Operator : SJ/MA
Sample : I1915-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

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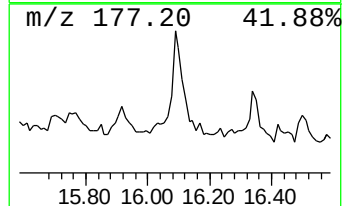
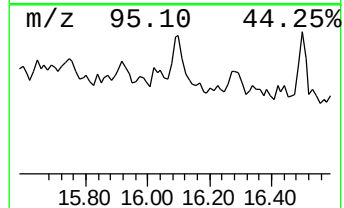
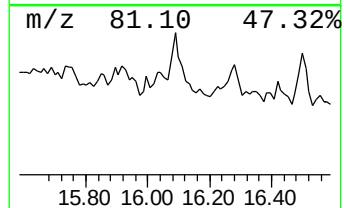
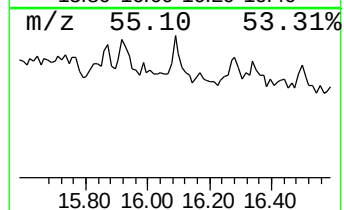
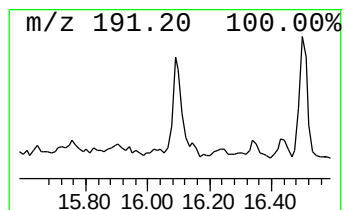
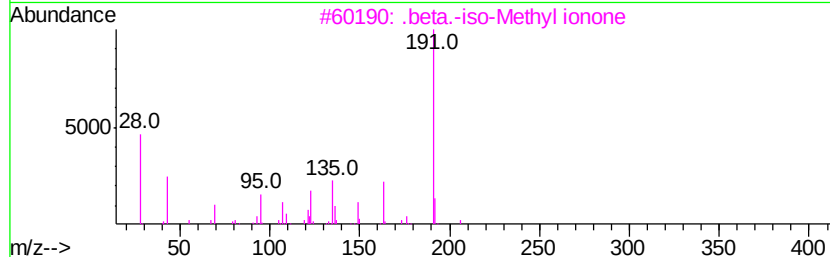
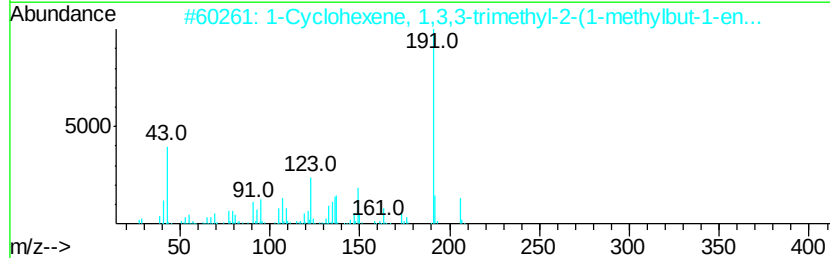
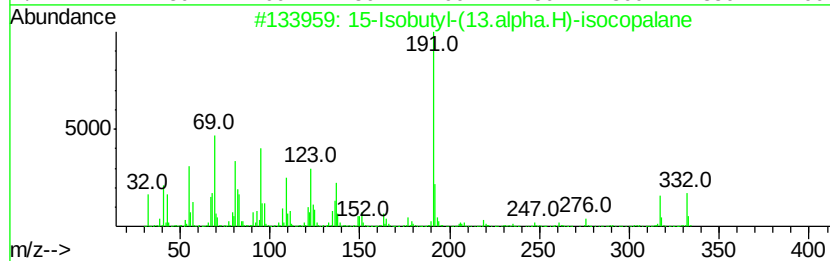
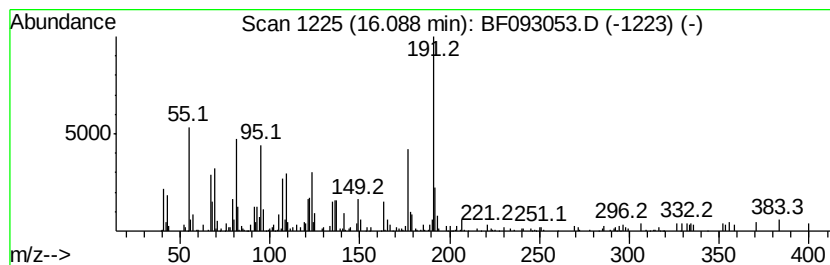
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	6.19 ng	372715	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Isobutyl-(13.alpha.H)-isocopa...	332	C24H44	087953-47-7	42		
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38		
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	37		
4	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	30		
5	Anthracene, 9-butyl-	234	C18H18	001498-69-7	27		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
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Acq On : 21 Feb 2017 2:39
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Sample : I1915-03
Misc :
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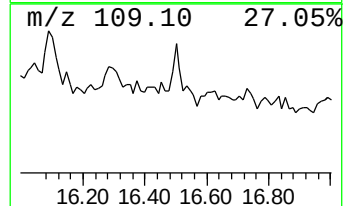
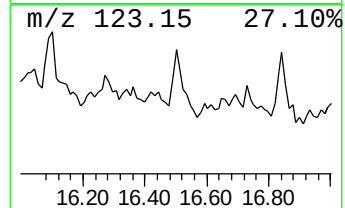
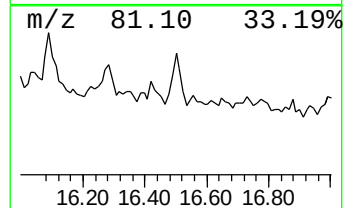
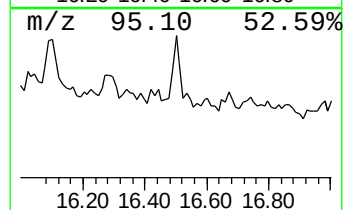
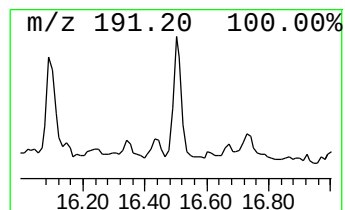
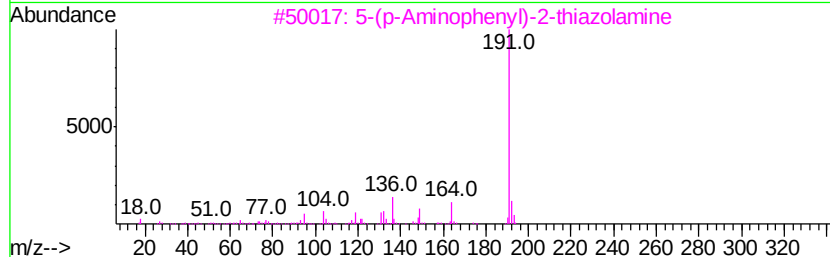
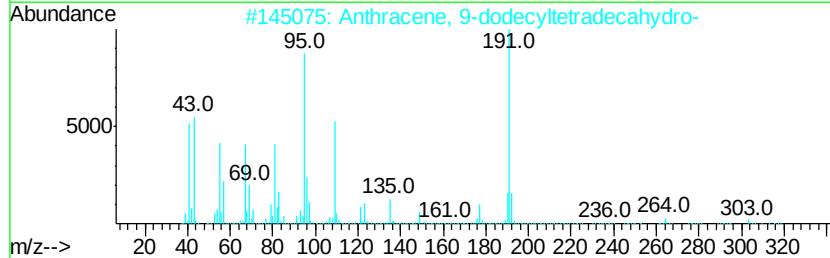
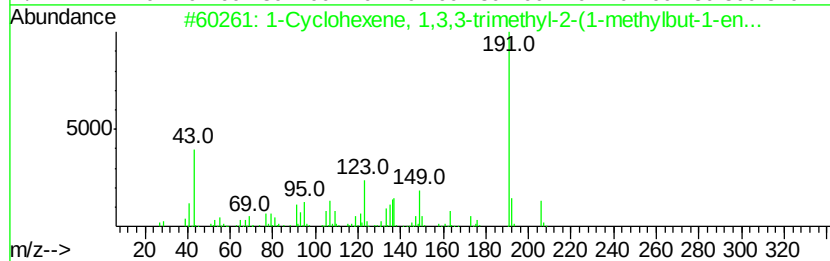
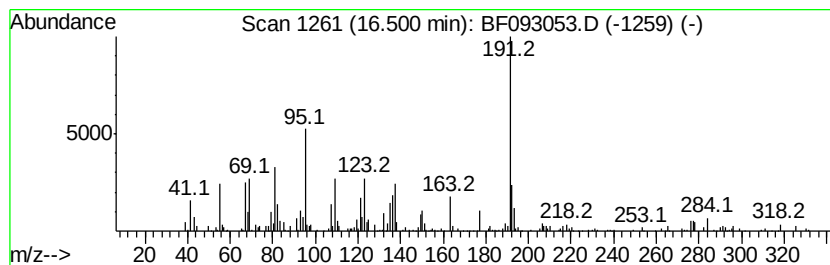
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.50 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.50	4.83 ng	290989	Perylene-d12	15.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	47
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	42
3	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38
4	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
Data File : BF093053.D
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Sample : I1915-03
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Instrument :
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ClientSampleId :
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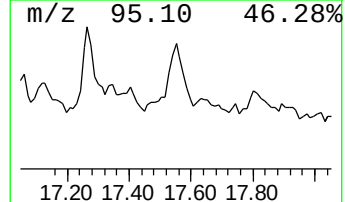
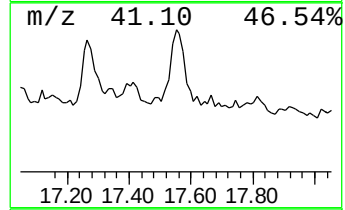
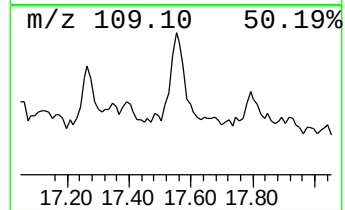
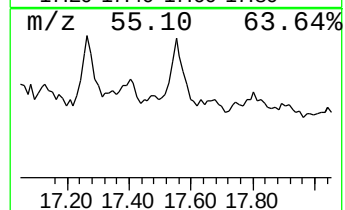
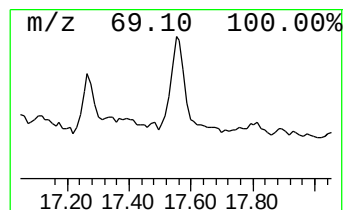
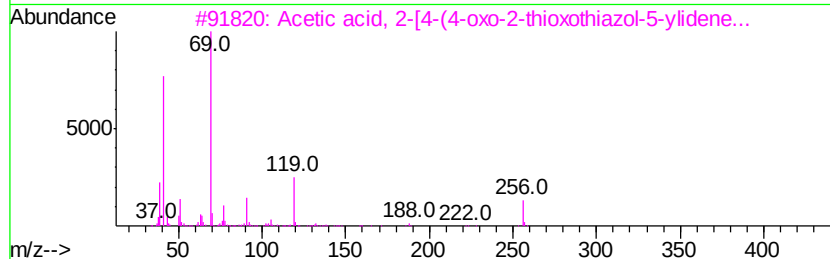
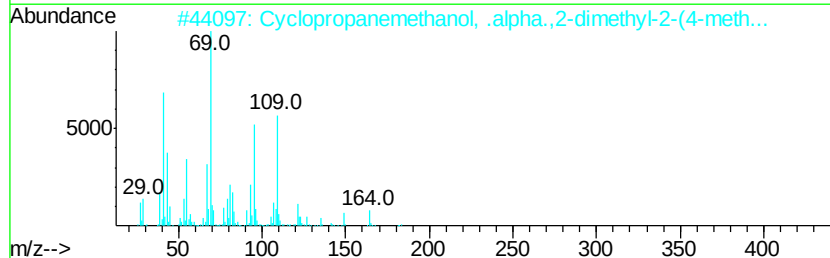
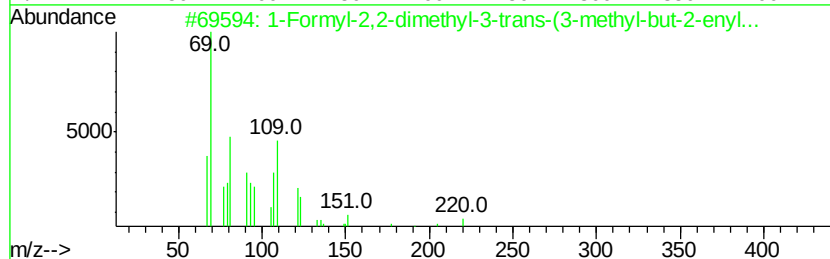
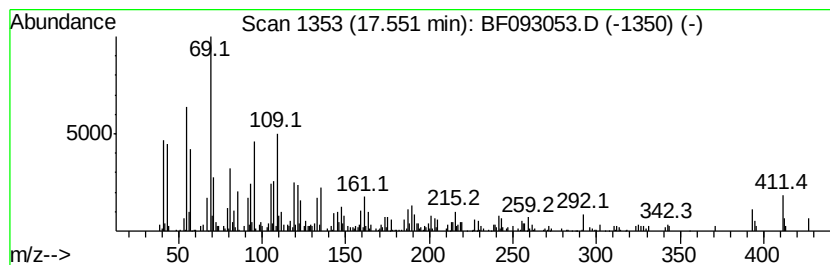
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Formyl-2,2-dimethyl-3-tra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.55	9.09 ng	546977	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	50
2		Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	42
3		Acetic acid, 2-[4-(4-oxo-2-thiox...	256	C13H12N4O2	1000265-00-3	27
4		Erdost-25-ene-3,5,6,12-tetrol, (...	448	C28H48O4	056052-97-2	25
5		Cyclohexane-1-methanol, 3,3-dime...	208	C14H24O	1000196-01-5	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
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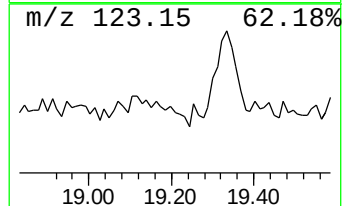
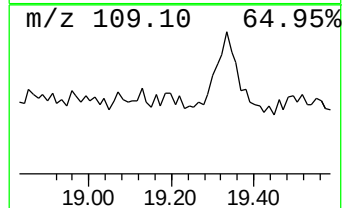
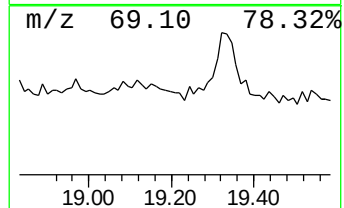
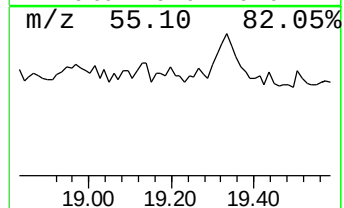
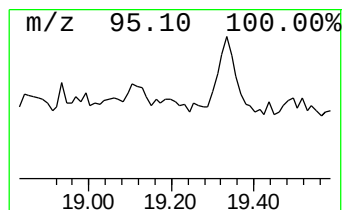
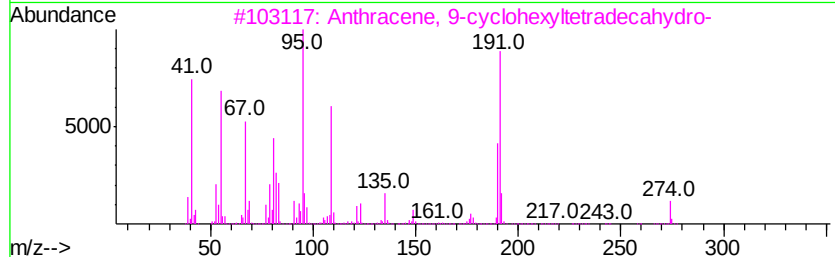
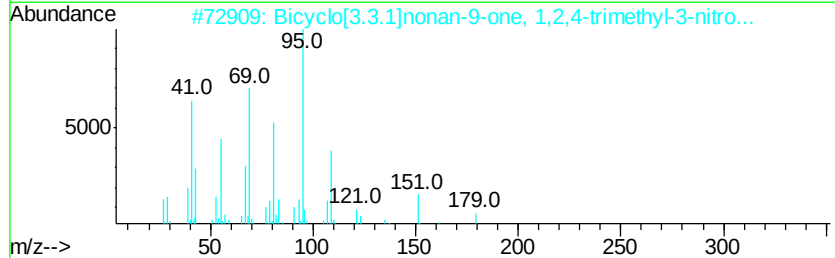
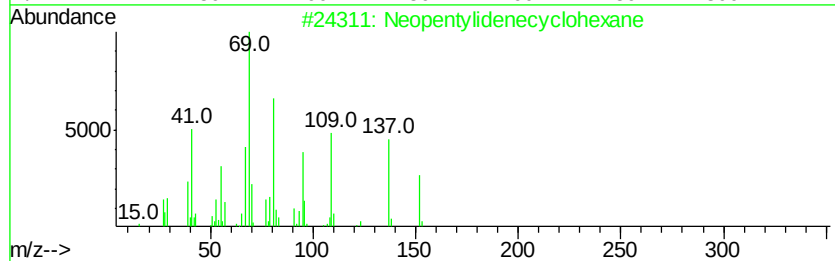
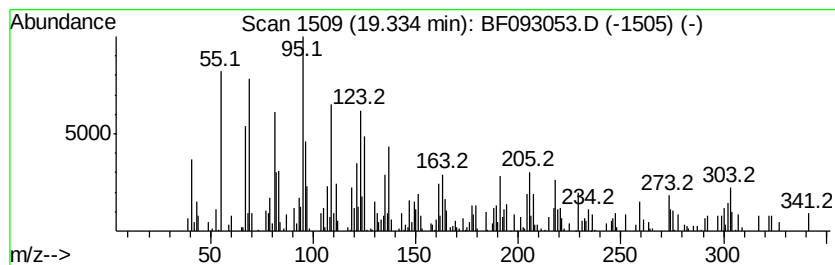
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Neopentylidenecyclohexane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.33	3.59 ng	215958	Perylene-d12	15.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Neopentylidenecyclohexane	152	C11H20	039546-80-0	50
2		Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225	C12H19NO3	129967-65-3	35
3		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	30
4		1H-Indene, 1-(1,5-dimethyl-2-hex...	248	C18H32	054411-95-9	25
5		Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
 Data File : BF093053.D
 Acq On : 21 Feb 2017 2:39
 Operator : SJ/MA
 Sample : I1915-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-1

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
unknown2.20	2.20	3.7	ng	191631	1	6.84	1045190	20.0
unknown2.36	2.36	5.1	ng	264416	1	6.84	1045190	20.0
unknown3.26	3.26	3.8	ng	200321	1	6.84	1045190	20.0
2-Pentanone, 4-hy...	5.01	29.0	ng	1516610	1	6.84	1045190	20.0
unknown6.61	6.61	63.6	ng	3321390	1	6.84	1045190	20.0
Decane	6.68	3.8	ng	200606	1	6.84	1045190	20.0
Benzene, 1-methyl...	6.92	15.0	ng	783268	1	6.84	1045190	20.0
Tridecane, 1-iodo-	10.80	3.7	ng	335741	4	11.37	1831360	20.0
Phenanthrene, 2-m...	11.87	2.5	ng	232172	4	11.37	1831360	20.0
Anthracene, 9-met...	11.90	2.7	ng	245615	4	11.37	1831360	20.0
4H-Cyclopenta[def...	11.98	3.3	ng	300763	4	11.37	1831360	20.0
Eicosane	13.19	2.9	ng	344727	5	14.01	2413660	20.0
Tetradecane	13.85	3.2	ng	384717	5	14.01	2413660	20.0
unknown16.09	16.09	6.2	ng	372715	6	15.44	1203690	20.0
unknown16.50	16.50	4.8	ng	290989	6	15.44	1203690	20.0
1-Formyl-2,2-dime...	17.55	9.1	ng	546977	6	15.44	1203690	20.0
Neopentylidenecyc...	19.33	3.6	ng	215958	6	15.44	1203690	20.0