

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093128.D
 Acq On : 24 Feb 2017 2:20
 Operator : SJ/MA
 Sample : I1955-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-4

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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	3.744	142	145	150	rVB	67673	116269	2.73%	0.174%
2	5.013	253	256	265	rVB	1301265	1837976	43.09%	2.756%
3	5.390	286	289	291	rBV2	108574	153485	3.60%	0.230%
4	5.447	291	294	304	rVB	3813897	4264955	100.00%	6.394%
5	6.076	347	349	352	rVV2	64743	109438	2.57%	0.164%
6	6.270	363	366	370	rBV2	57381	113031	2.65%	0.169%
7	6.362	372	374	375	rBV	87876	112063	2.63%	0.168%
8	6.384	375	376	378	rVB	159074	147195	3.45%	0.221%
9	6.487	383	385	390	rBV	3319861	4059799	95.19%	6.087%
10	6.579	390	393	394	rVV3	78281	98077	2.30%	0.147%
11	6.613	394	396	399	rVB	3976298	3726661	87.38%	5.587%
12	6.670	399	401	404	rVB2	178389	304828	7.15%	0.457%
13	6.842	414	416	419	rVB	1132056	1063570	24.94%	1.595%
14	6.922	419	423	425	rBV	1018428	1035451	24.28%	1.552%
15	7.002	427	430	432	rBV	3205844	3229133	75.71%	4.841%
16	7.116	437	440	442	rVV3	171766	232329	5.45%	0.348%
17	7.162	442	444	448	rVB3	96118	135420	3.18%	0.203%
18	7.230	448	450	452	rBV2	105705	153385	3.60%	0.230%
19	7.264	452	453	456	rVV2	160734	244059	5.72%	0.366%
20	7.379	460	463	464	rVV2	151515	240927	5.65%	0.361%
21	7.413	464	466	468	rVV	2658895	2622457	61.49%	3.932%
22	7.447	468	469	470	rVV	159057	115422	2.71%	0.173%
23	7.493	470	473	474	rVV3	82903	108630	2.55%	0.163%
24	7.539	474	477	481	rVV4	68255	147608	3.46%	0.221%
25	7.619	481	484	485	rVV3	68338	111759	2.62%	0.168%
26	7.745	491	495	496	rBV4	58598	110585	2.59%	0.166%
27	7.802	498	500	502	rVB2	70836	114821	2.69%	0.172%
28	7.870	502	506	509	rBV3	219208	346568	8.13%	0.520%
29	7.927	509	511	516	rVB4	67268	159412	3.74%	0.239%
30	8.156	525	531	532	rVV2	2034755	3765297	88.28%	5.645%
31	8.190	532	534	538	rVB2	120906	190207	4.46%	0.285%
32	8.419	550	554	556	rBV3	79362	112852	2.65%	0.169%
33	8.487	557	560	564	rVV3	79074	197679	4.63%	0.296%
34	8.545	564	565	571	rVB2	126746	244646	5.74%	0.367%

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35	8.716	579	580	582 rBV	187657	177520	4.16%	0.266%
36	8.842	590	591	592 rVB	180160	123590	2.90%	0.185%
37	8.933	597	599	601 rVV	101923	122864	2.88%	0.184%
38	9.036	606	608	610 rVB3	70265	98974	2.32%	0.148%
39	9.150	613	618	620 rBV2	203534	269604	6.32%	0.404%
40	9.208	620	623	625 rVB	3425093	3554341	83.34%	5.329%
41	9.288	625	630	634 rBV2	162139	381219	8.94%	0.572%
42	9.345	634	635	638 rVB3	128848	159862	3.75%	0.240%
43	9.470	643	646	648 rBV	105872	145002	3.40%	0.217%
44	9.539	650	652	653 rVV	149977	146731	3.44%	0.220%
45	9.596	655	657	661 rVB	791308	784129	18.39%	1.176%
46	9.653	661	662	667 rVB4	72257	105163	2.47%	0.158%
47	9.745	667	670	672 rBV	78693	91916	2.16%	0.138%
48	9.813	672	676	678 rBV	231832	277992	6.52%	0.417%
49	9.882	678	682	683 rBV	1162773	1201629	28.17%	1.802%
50	9.916	683	685	686 rVB	126594	165838	3.89%	0.249%
51	10.030	693	695	697 rBV3	56555	107940	2.53%	0.162%
52	10.088	697	700	702 rBV2	110008	182068	4.27%	0.273%
53	10.122	702	703	706 rVB2	75495	107004	2.51%	0.160%
54	10.190	708	709	711 rBV	63192	92672	2.17%	0.139%
55	10.305	715	719	721 rBV2	269205	345349	8.10%	0.518%
56	10.419	727	729	733 rBV2	90879	128748	3.02%	0.193%
57	10.533	736	739	741 rBV2	115107	204792	4.80%	0.307%
58	10.671	748	751	753 rVV	1654464	1677361	39.33%	2.515%
59	10.785	759	761	764 rBV	344536	561306	13.16%	0.842%
60	10.968	775	777	779 rBV3	66536	118071	2.77%	0.177%
61	11.231	797	800	801 rBV	207500	224787	5.27%	0.337%
62	11.253	801	802	805 rVB2	148382	180847	4.24%	0.271%
63	11.368	809	812	813 rBV	659015	1143021	26.80%	1.714%
64	11.436	815	818	820 rBV	229836	205772	4.82%	0.308%
65	11.471	820	821	823 rBV2	80553	134998	3.17%	0.202%
66	11.608	830	833	835 rBV3	117521	302977	7.10%	0.454%
67	11.653	835	837	839 rVV	183292	242345	5.68%	0.363%
68	11.894	857	858	860 rBV2	242966	387851	9.09%	0.581%
69	12.591	917	919	920 rBV	1273688	1395921	32.73%	2.093%
70	12.614	920	921	923 rVB2	313930	389903	9.14%	0.585%
71	12.808	935	938	941 rVB	1471308	1842440	43.20%	2.762%

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72	12.865	941	943	945	rVB	106095	141247	3.31%	0.212%
73	12.945	948	950	954	rVB	1802282	2045856	47.97%	3.067%
74	13.025	955	957	961	rBV3	143633	307226	7.20%	0.461%
75	13.082	961	962	964	rVV	994968	936787	21.96%	1.404%
76	13.139	964	967	968	rVB2	199414	337438	7.91%	0.506%
77	13.174	968	970	971	rBV	280635	287547	6.74%	0.431%
78	13.242	974	976	979	rVB3	163153	265064	6.21%	0.397%
79	13.334	982	984	985	rVB2	121974	141624	3.32%	0.212%
80	13.517	998	1000	1003	rBV	351098	483754	11.34%	0.725%
81	13.642	1009	1011	1015	rVB	173039	226745	5.32%	0.340%
82	13.848	1027	1029	1033	rVB	547716	664324	15.58%	0.996%
83	13.997	1039	1042	1044	rBV2	1347143	2328122	54.59%	3.490%
84	14.031	1044	1045	1049	rVB	1071860	952968	22.34%	1.429%
85	14.157	1054	1056	1059	rBV2	247136	388093	9.10%	0.582%
86	14.385	1074	1076	1078	rVB	187751	277598	6.51%	0.416%
87	14.465	1081	1083	1086	rBV3	320557	497494	11.66%	0.746%
88	14.762	1107	1109	1115	rVB2	252997	395888	9.28%	0.594%
89	15.025	1129	1132	1136	rBV	854260	1836315	43.06%	2.753%
90	15.128	1139	1141	1147	rVB	228379	354136	8.30%	0.531%
91	15.311	1155	1157	1160	rVB	475376	718751	16.85%	1.078%
92	15.380	1160	1163	1165	rVV	838675	1056661	24.78%	1.584%
93	15.437	1165	1168	1174	rVB2	649487	1255053	29.43%	1.882%
94	15.848	1202	1204	1207	rBV	176393	298228	6.99%	0.447%
95	16.488	1258	1260	1267	rVB5	130262	321451	7.54%	0.482%
96	16.843	1287	1291	1294	rBV	340580	718576	16.85%	1.077%
97	17.265	1324	1328	1332	rBV	270707	599057	14.05%	0.898%
98	17.883	1379	1382	1389	rVB7	121723	396678	9.30%	0.595%
99	18.111	1399	1402	1416	rVB8	110853	512909	12.03%	0.769%
100	19.311	1503	1507	1512	rVB2	153684	446819	10.48%	0.670%

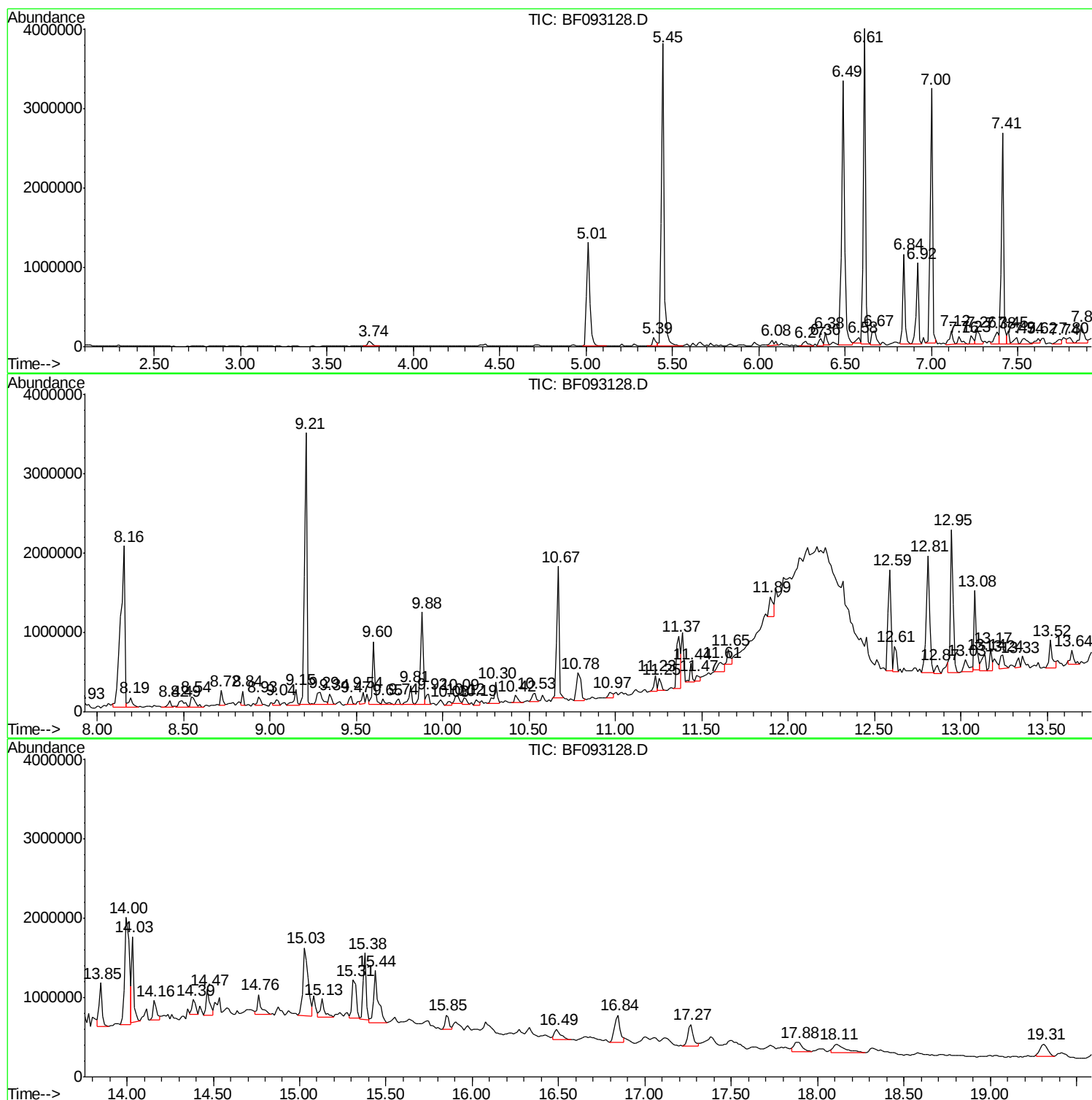
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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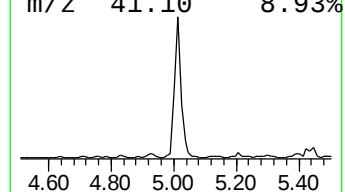
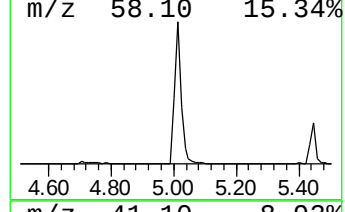
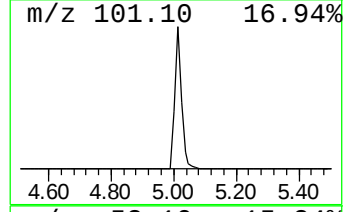
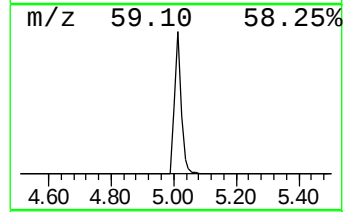
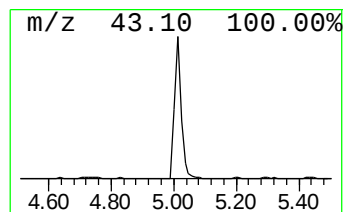
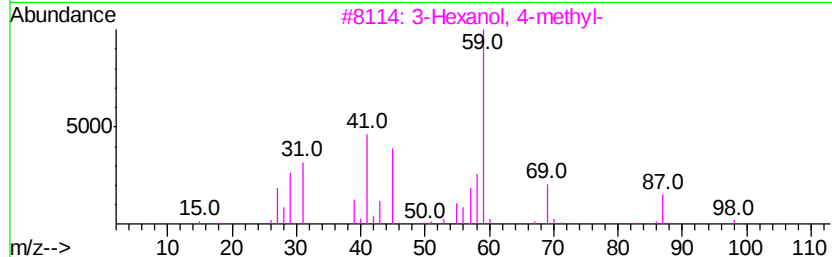
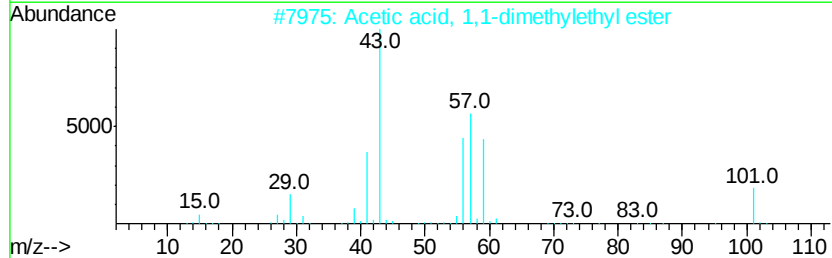
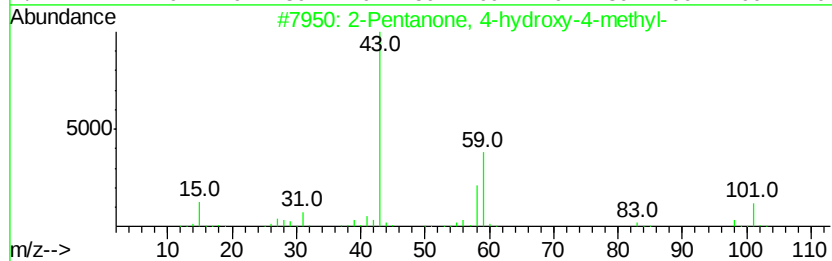
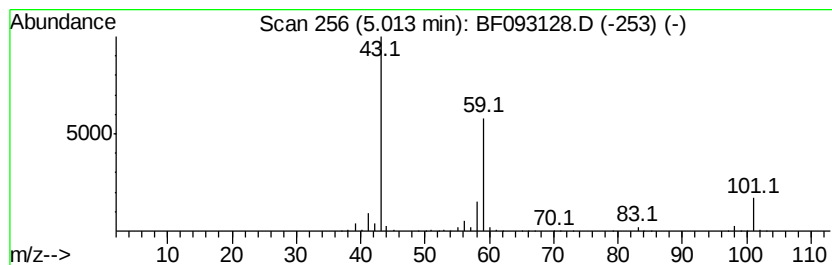
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.01	34.56 ng	1837980	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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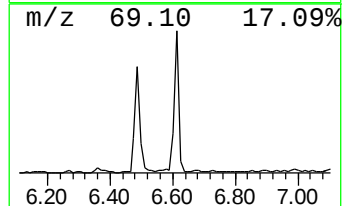
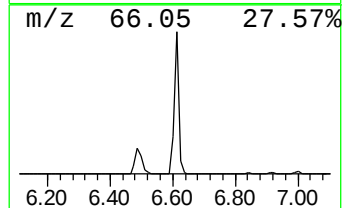
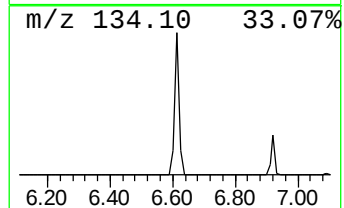
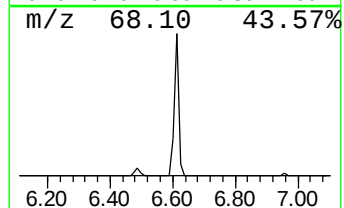
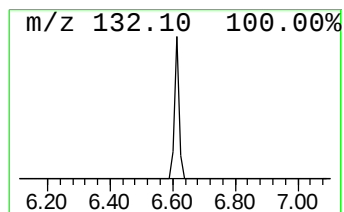
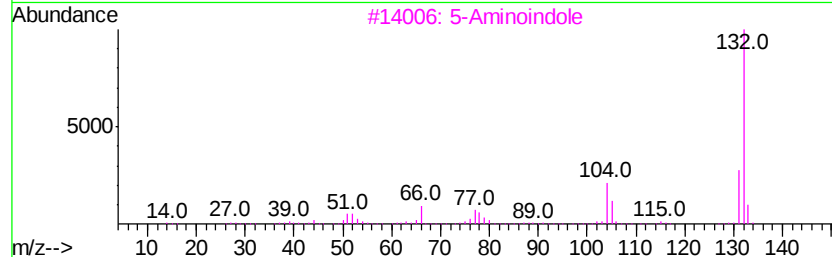
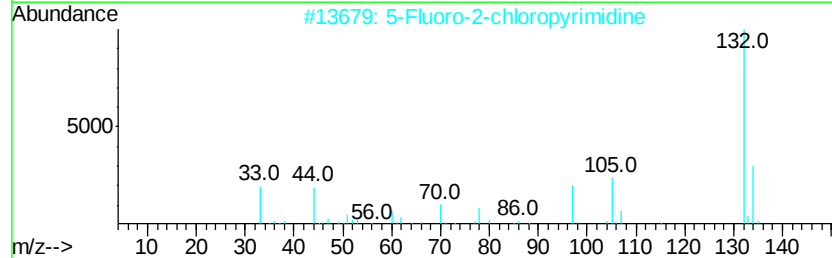
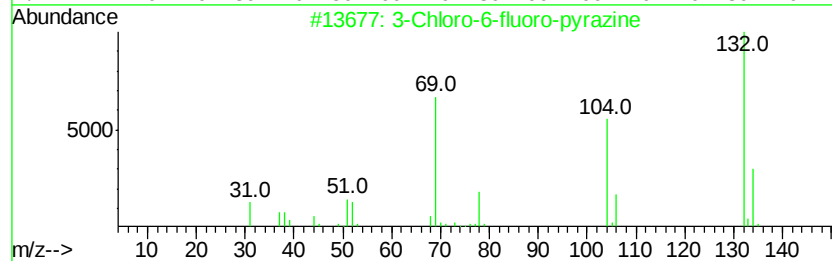
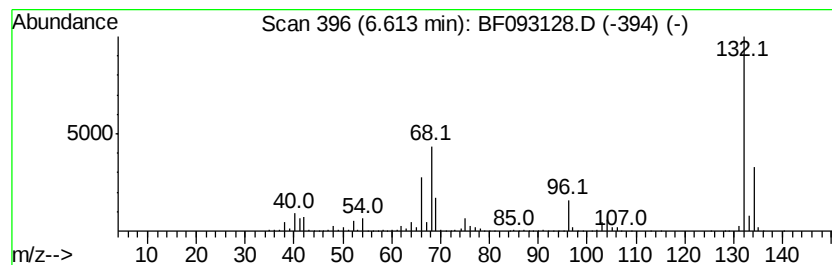
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	70.08 ng	3726660	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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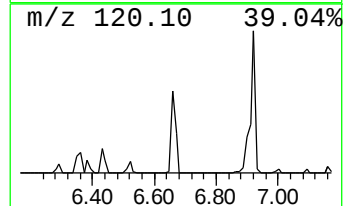
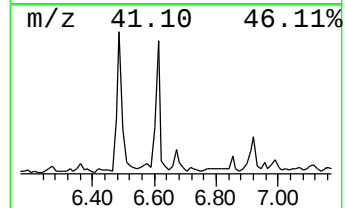
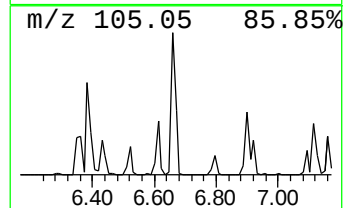
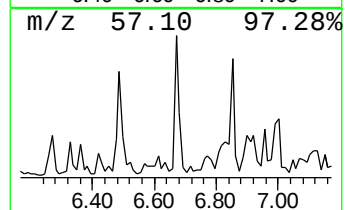
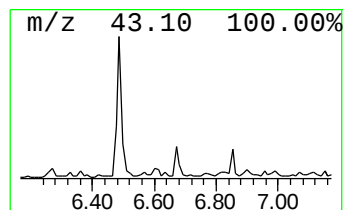
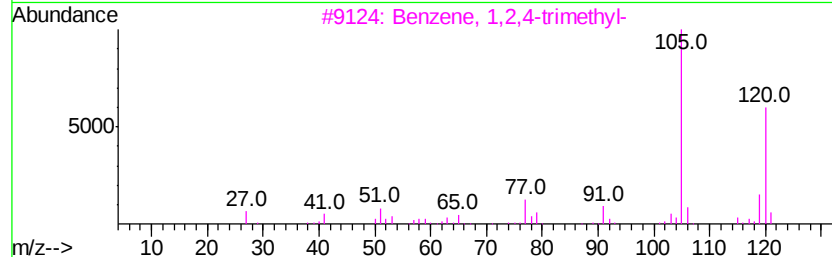
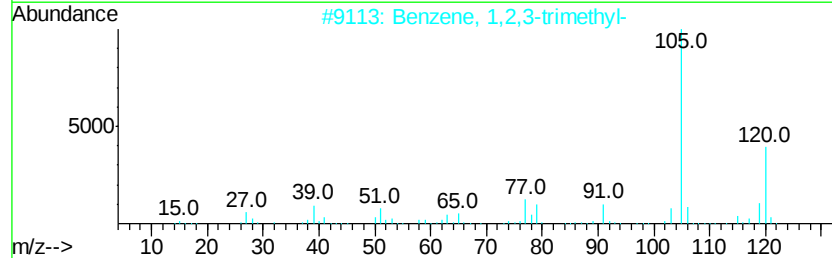
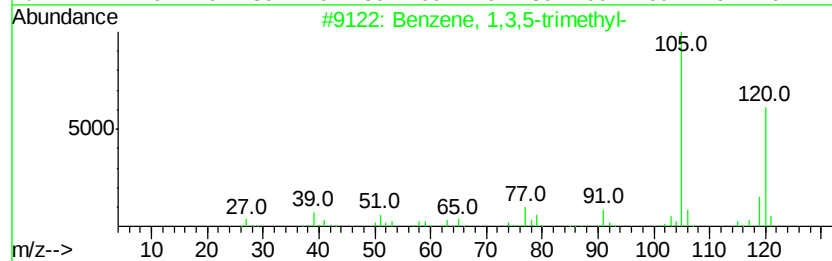
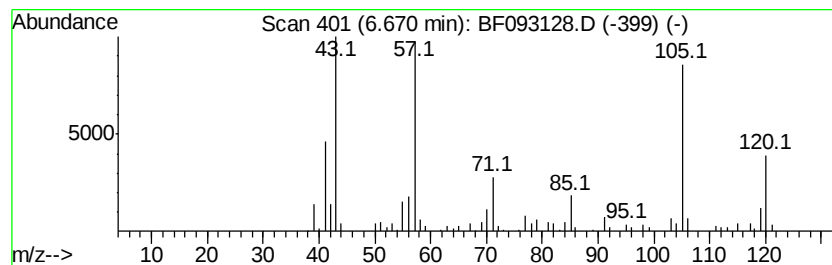
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	5.73 ng	304828	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	92
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60
4		2,4-Nonadiyne	120	C9H12	063621-15-8	55
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	55



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Acq On : 24 Feb 2017 2:20
Operator : SJ/MA
Sample : I1955-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-4

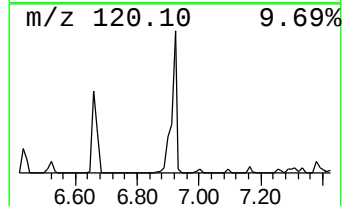
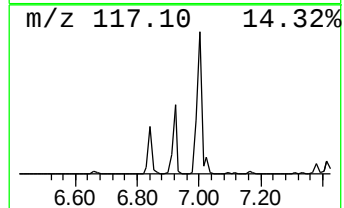
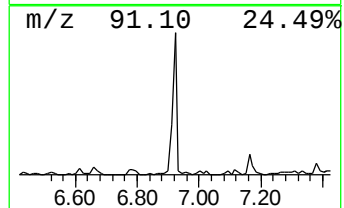
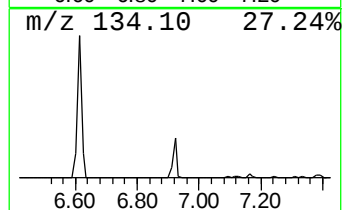
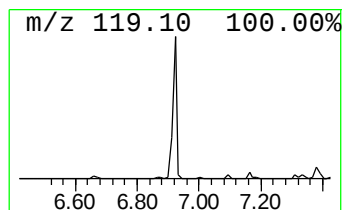
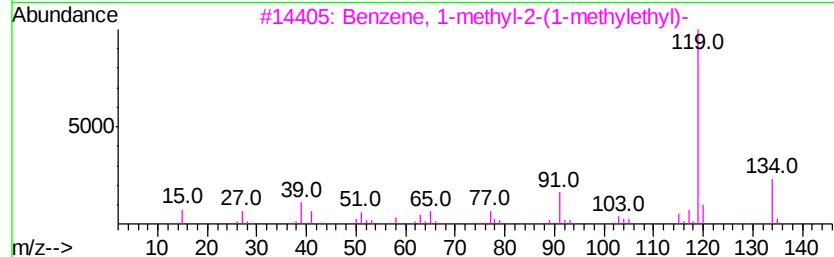
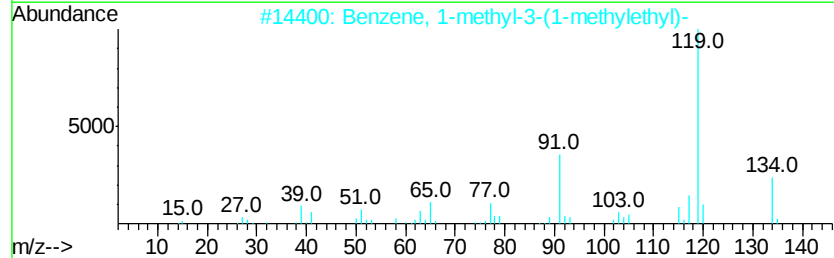
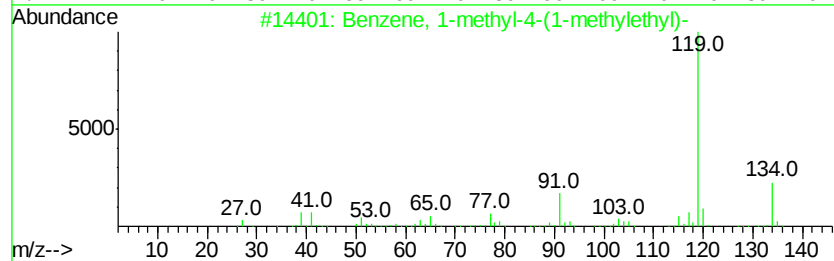
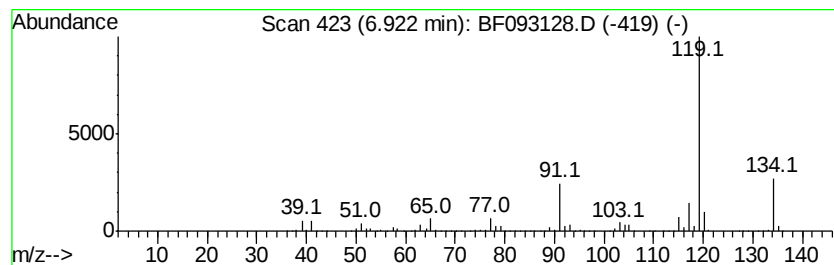
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	19.47 ng	1035450	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



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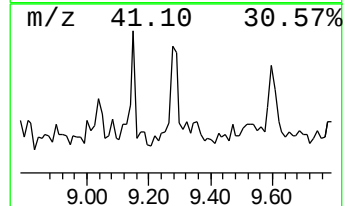
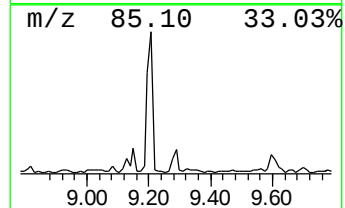
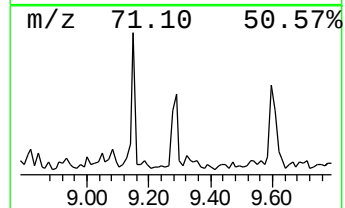
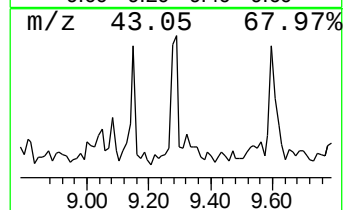
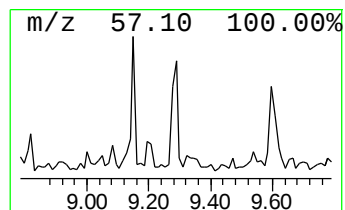
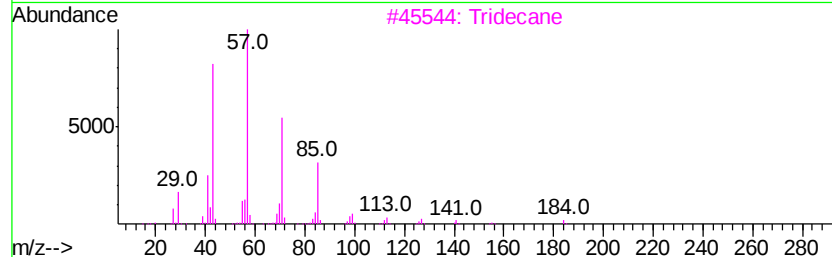
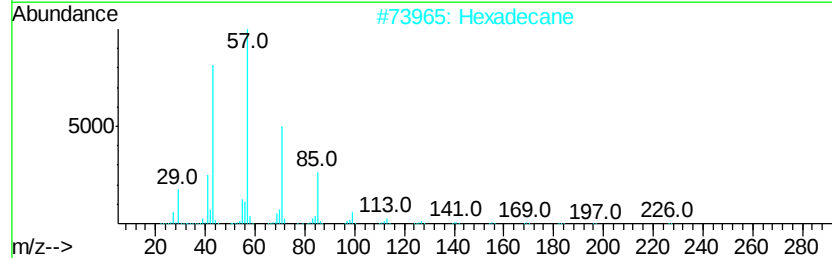
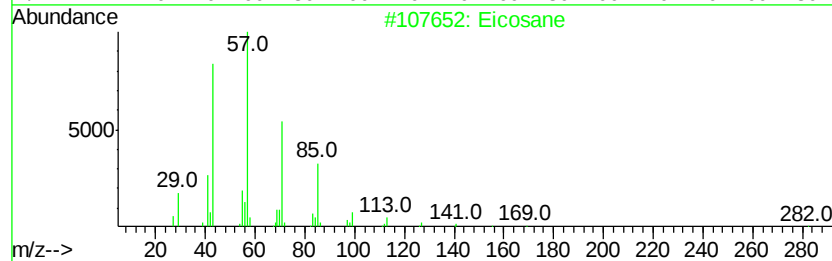
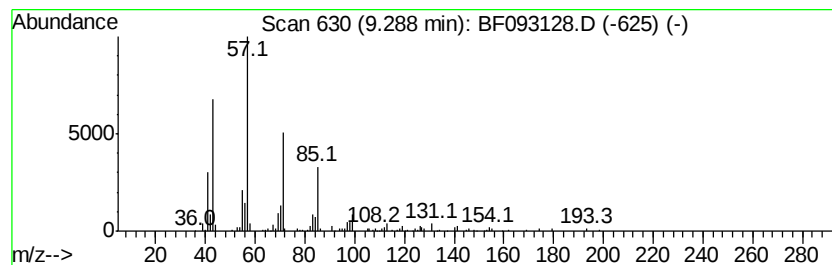
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	6.35 ng	381219	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tridecane	184	C13H28	000629-50-5	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093128.D
Acq On : 24 Feb 2017 2:20
Operator : SJ/MA
Sample : I1955-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

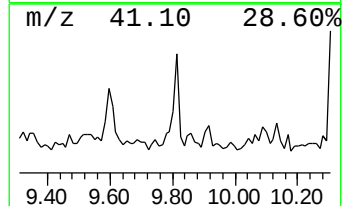
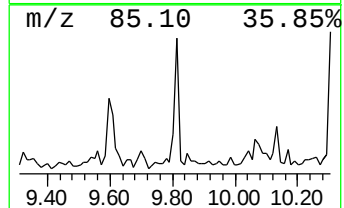
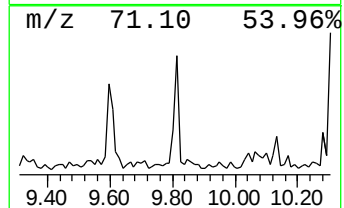
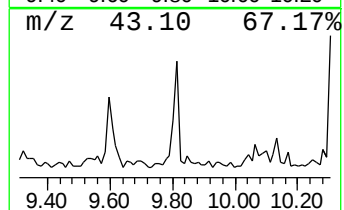
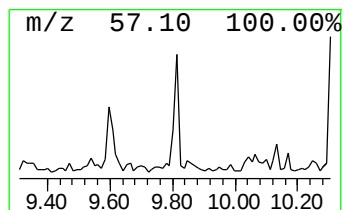
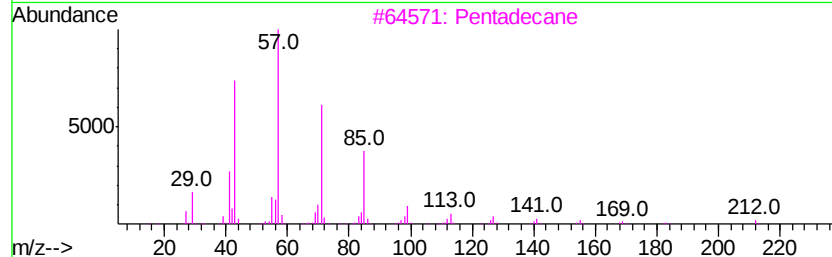
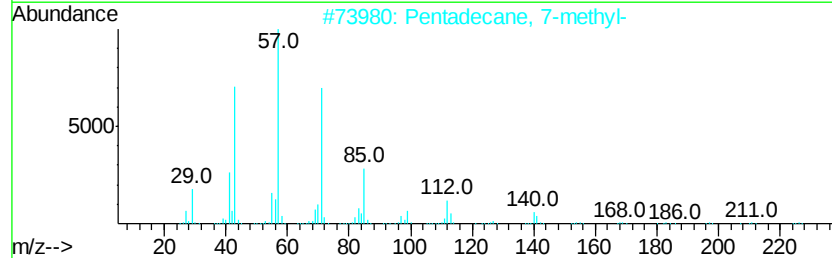
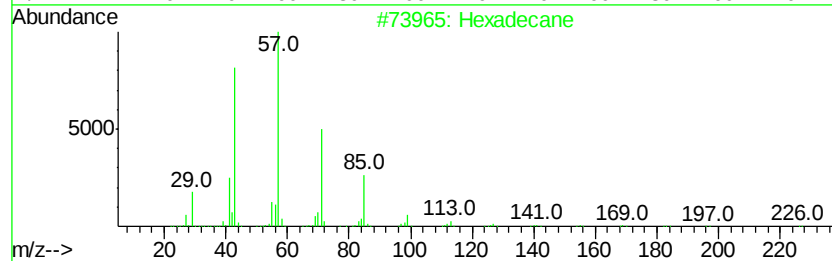
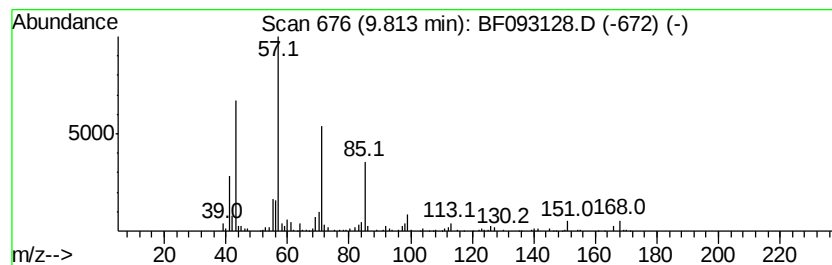
Instrument :
BNA_F
ClientSampleId :
B1-4

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 7 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.81	4.63 ng	277992	Acenaphthene-d10		9.88
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
3	Pentadecane	212	C15H32	000629-62-9	78
4	Eicosane	282	C20H42	000112-95-8	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\
Data File : BF093128.D
Acq On : 24 Feb 2017 2:20
Operator : SJ/MA
Sample : I1955-07
Misc :
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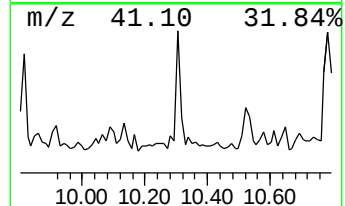
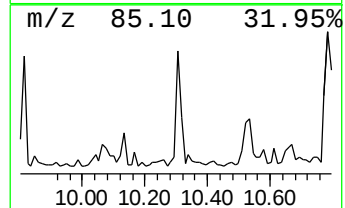
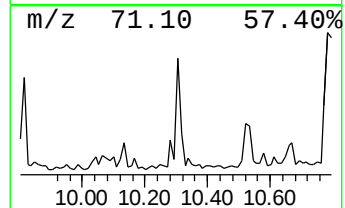
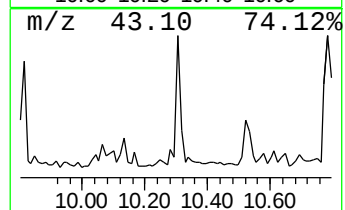
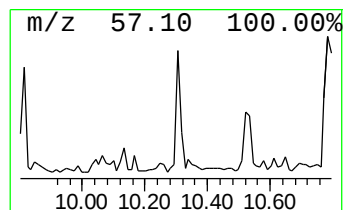
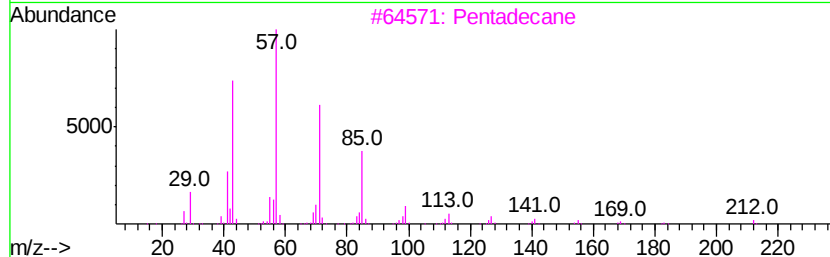
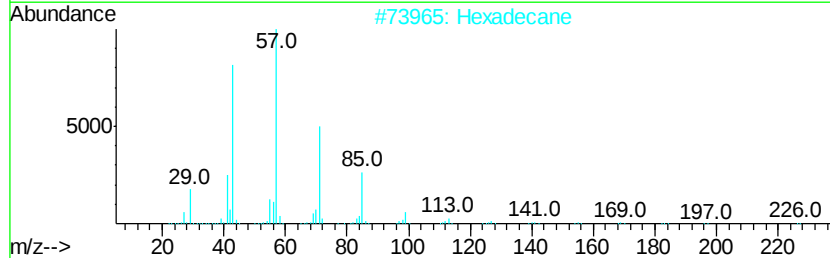
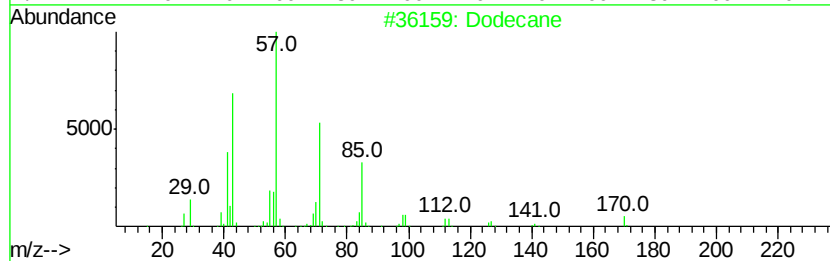
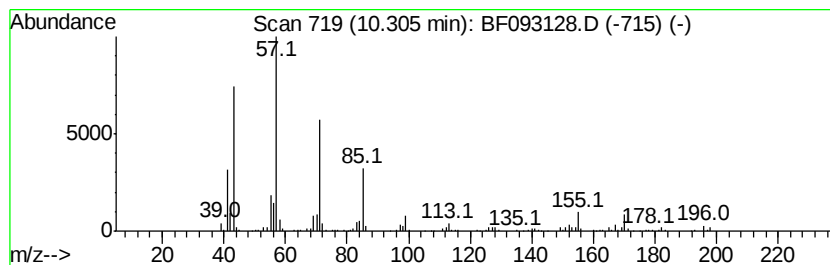
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	5.75 ng	345349	Acenaphthene-d10	9.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	80
2	Hexadecane	226 C16H34	000544-76-3	74
3	Pentadecane	212 C15H32	000629-62-9	72
4	Undecane	156 C11H24	001120-21-4	72
5	Decane, 3-methyl-	156 C11H24	013151-34-3	58



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Misc :
ALS Vial : 26 Sample Multiplier: 1

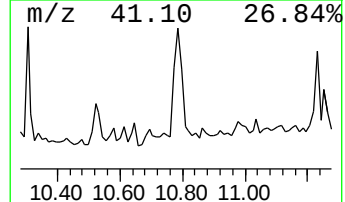
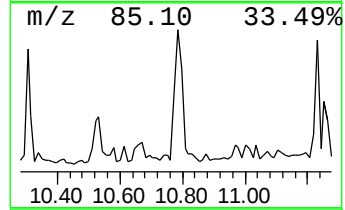
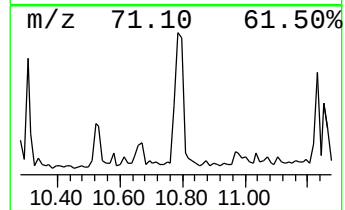
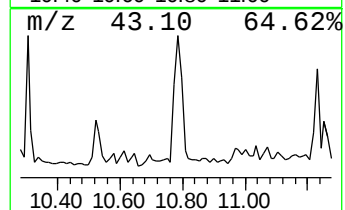
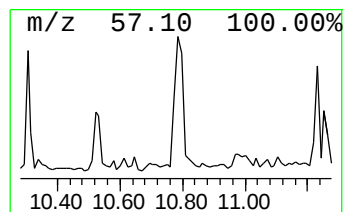
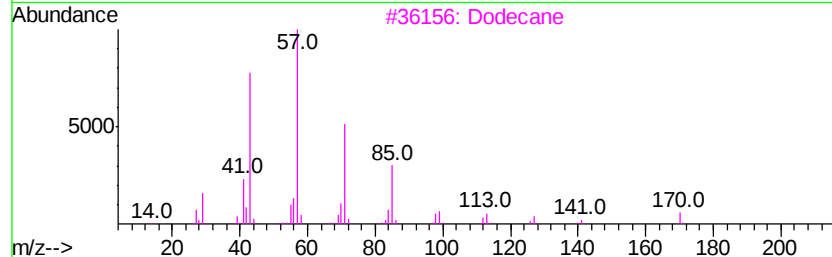
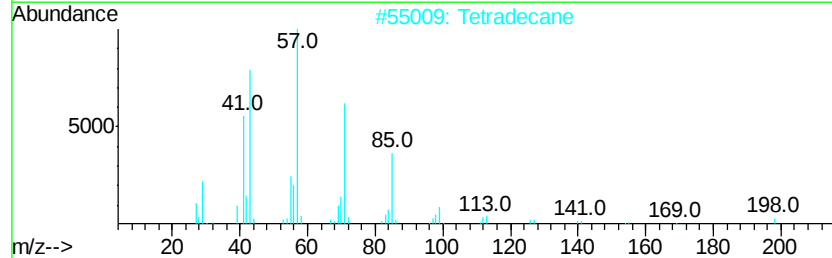
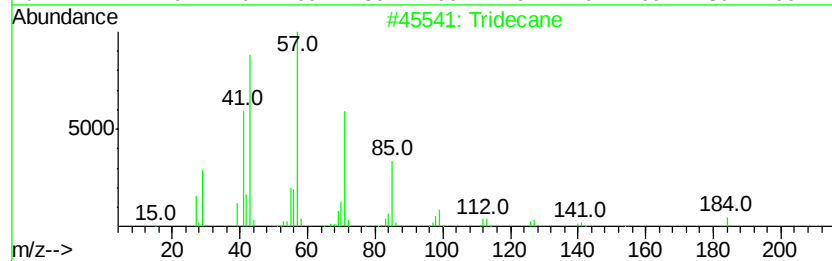
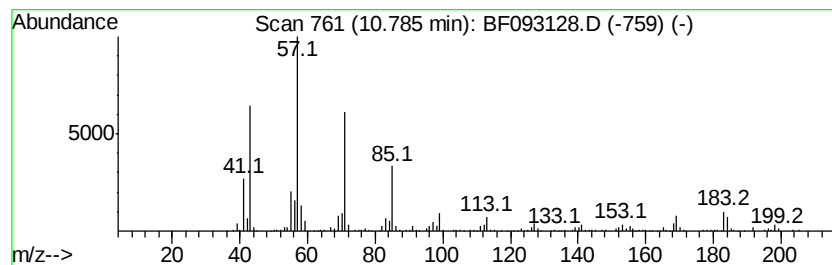
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.78	9.82 ng	561306	Phenanthrene-d10		11.37
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Dodecane	170	C12H26	000112-40-3	74
4	Tetracosane	338	C24H50	000646-31-1	74
5	Heptacosane	380	C27H56	000593-49-7	74



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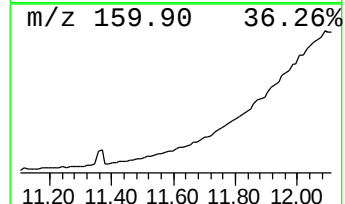
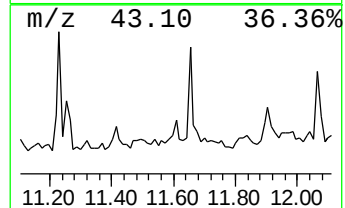
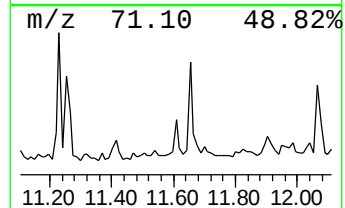
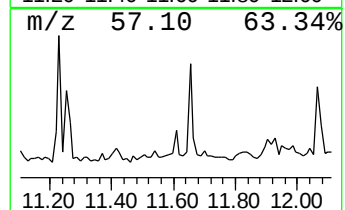
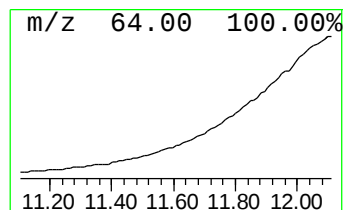
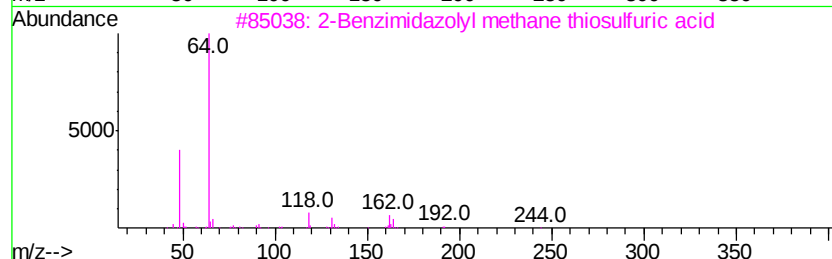
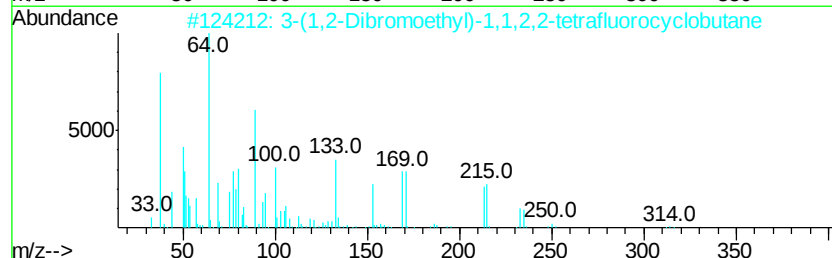
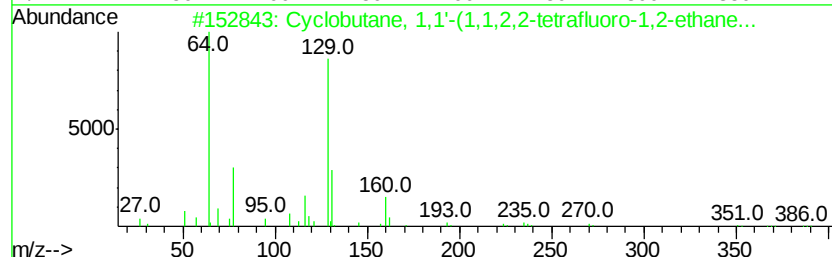
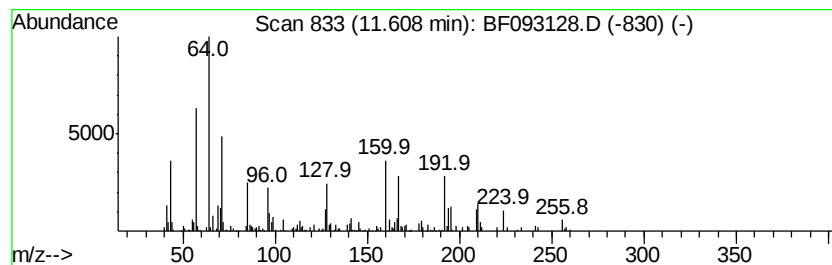
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclobutane, 1,1'-(1,1,2,2-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	5.30 ng	302977	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclobutane, 1,1'-(1,1,2,2-tetra...	386	C10H6Cl2F10	035208-02-7	53
2		3-(1,2-Dibromoethyl)-1,1,2,2-tet...	312	C6H6Br2F4	017215-13-3	50
3		2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	40
4		Cyclic octaatomic sulfur	256	S8	010544-50-0	35
5		Piperazine-1,4-dium, 1,4-di(2-c...	338	C12H26Cl4N2	1000273-25-4	33



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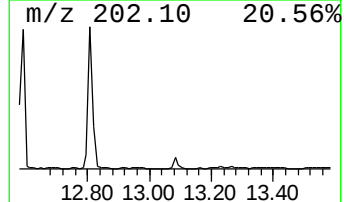
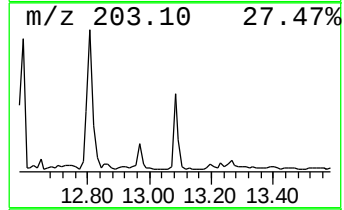
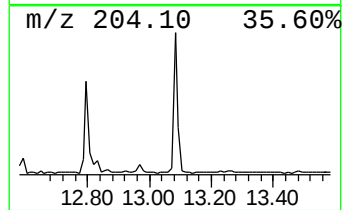
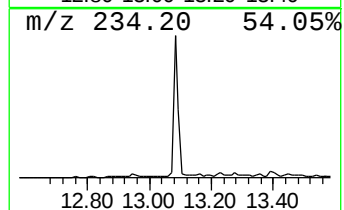
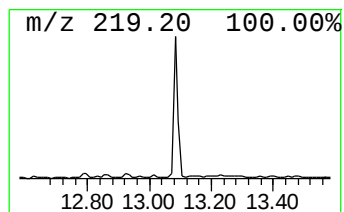
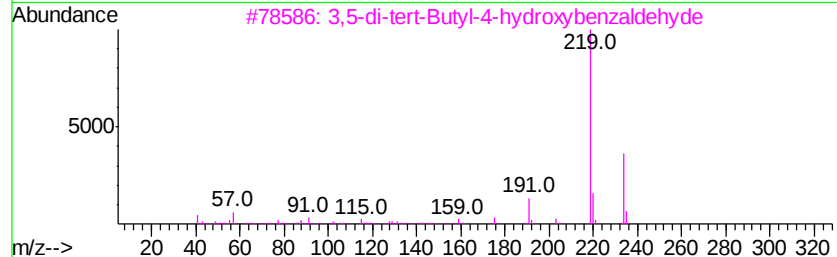
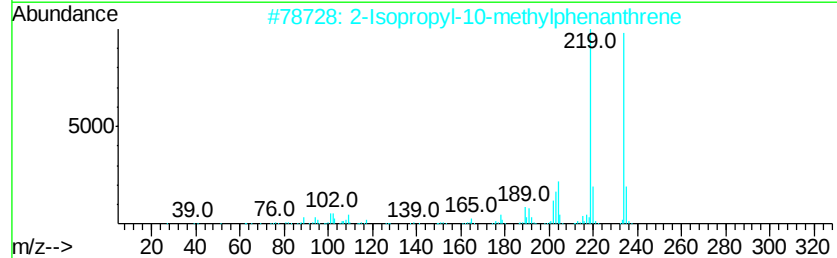
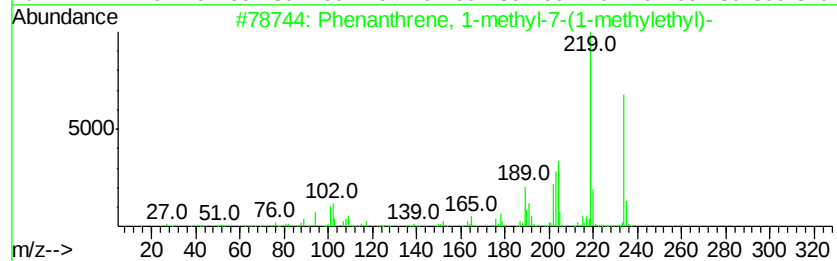
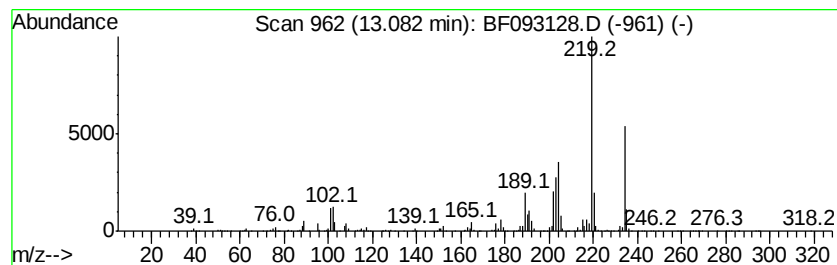
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl-7-(1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	8.05 ng	936787	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	49
4		Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	49
5		Benzene, 1,3-bis(1,1-dimethyleth...	234	C16H26O	001518-53-2	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\
Data File : BF093128.D
Acq On : 24 Feb 2017 2:20
Operator : SJ/MA
Sample : I1955-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

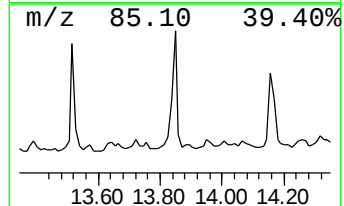
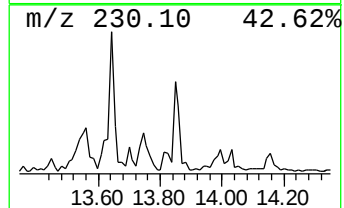
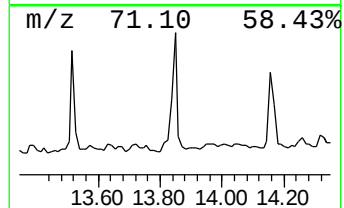
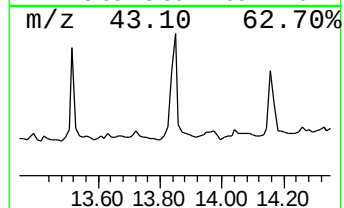
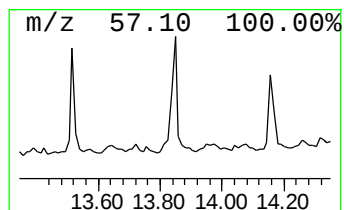
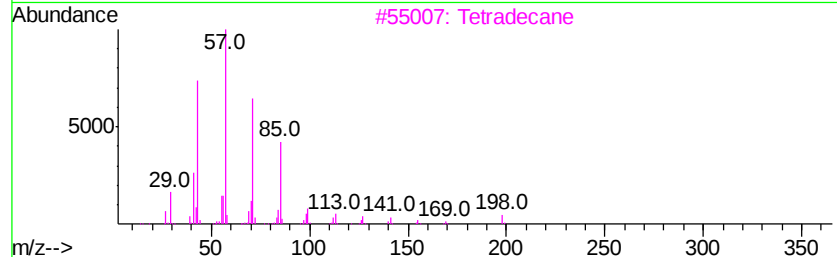
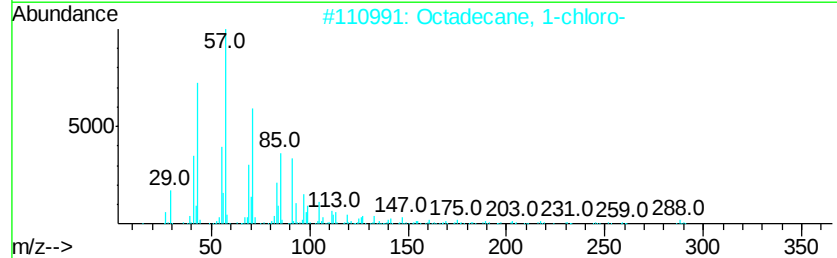
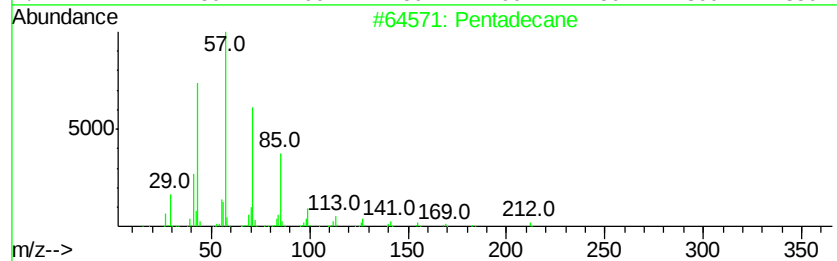
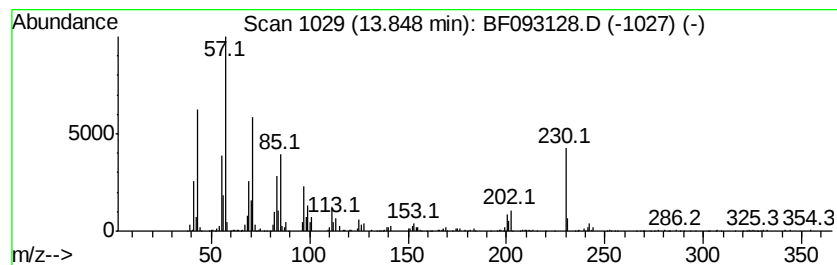
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.85	5.71 ng	664324	Chrysene-d12		14.01
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	70
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	58
3	Tetradecane	198	C14H30	000629-59-4	50
4	Hexadecane	226	C16H34	000544-76-3	49
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093128.D
Acq On : 24 Feb 2017 2:20
Operator : SJ/MA
Sample : I1955-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

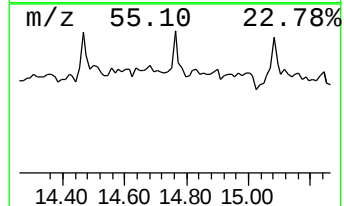
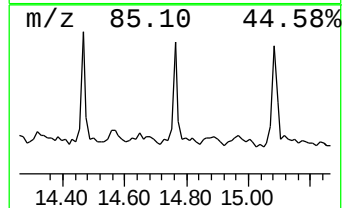
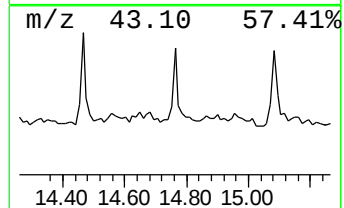
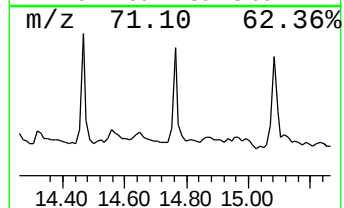
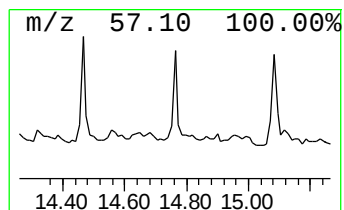
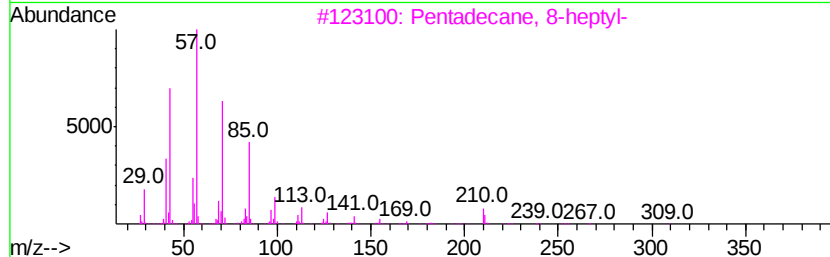
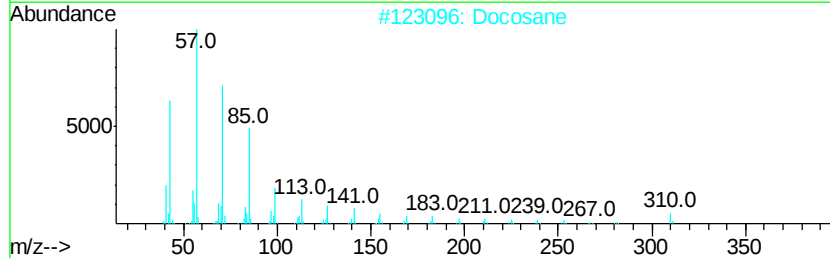
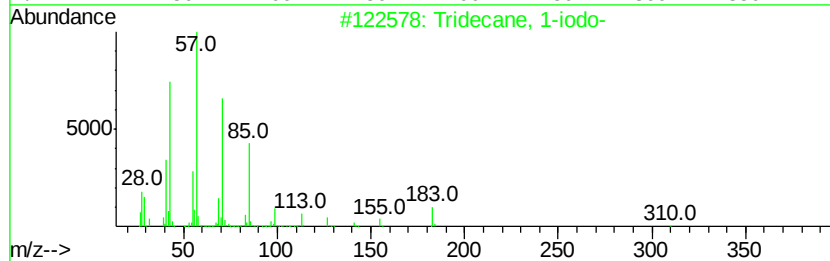
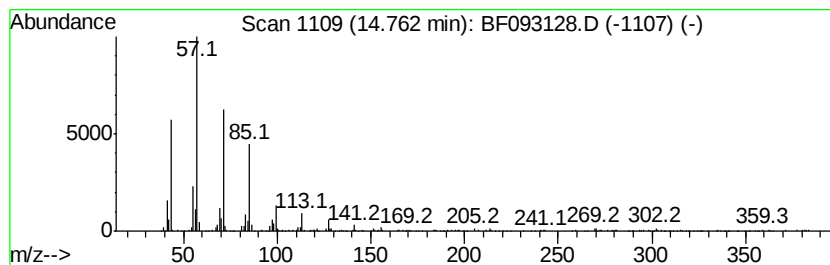
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.76	6.31 ng	395888	Perylene-d12		15.44
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Docosane	310	C22H46	000629-97-0	93
3	Pentadecane, 8-heptvl-	310	C22H46	071005-15-7	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093128.D
Acq On : 24 Feb 2017 2:20
Operator : SJ/MA
Sample : I1955-07
Misc :
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ClientSampleId :
B1-4

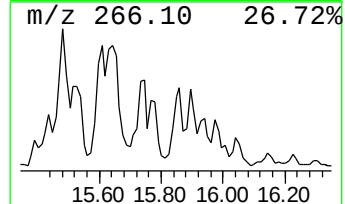
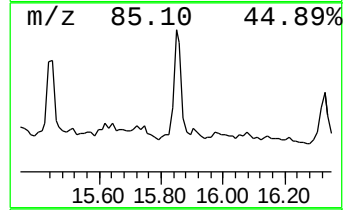
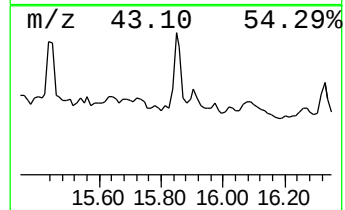
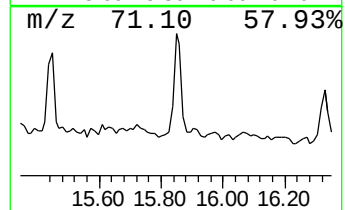
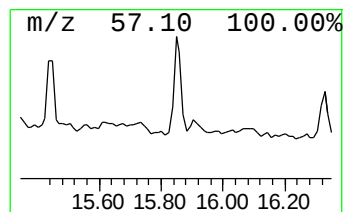
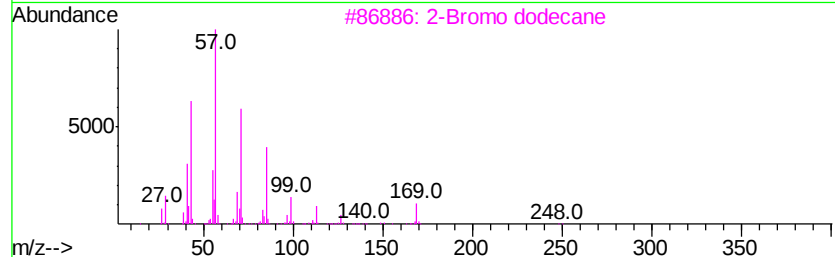
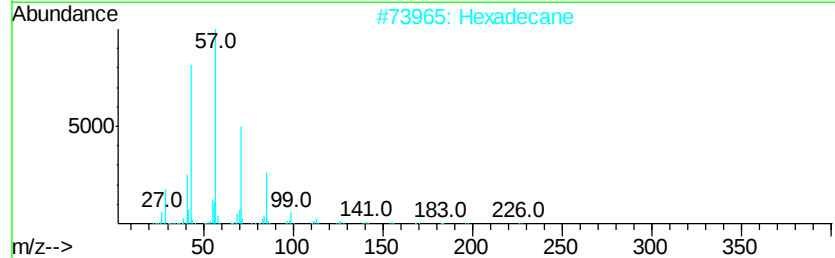
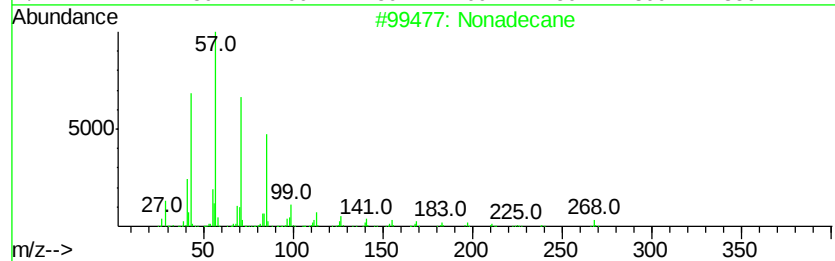
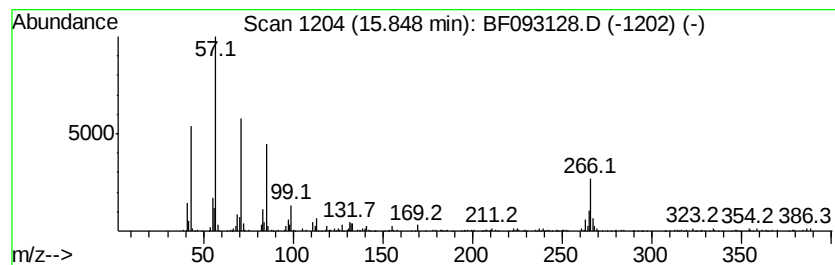
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	4.75 ng	298228	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Hexadecane	226	C16H34	000544-76-3	95
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	70
4			Docosane	310	C22H46	000629-97-0	70
5			Tricosane	324	C23H48	000638-67-5	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\
Data File : BF093128.D
Acq On : 24 Feb 2017 2:20
Operator : SJ/MA
Sample : I1955-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

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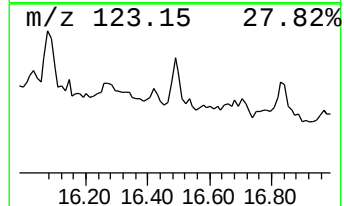
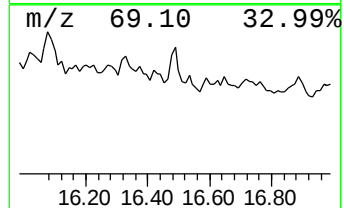
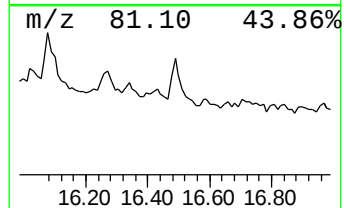
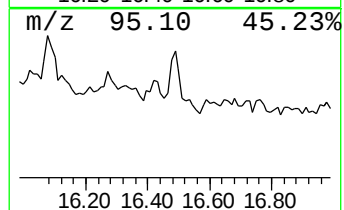
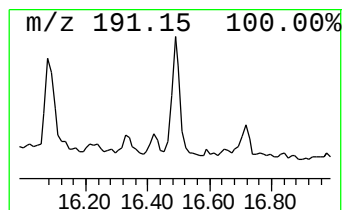
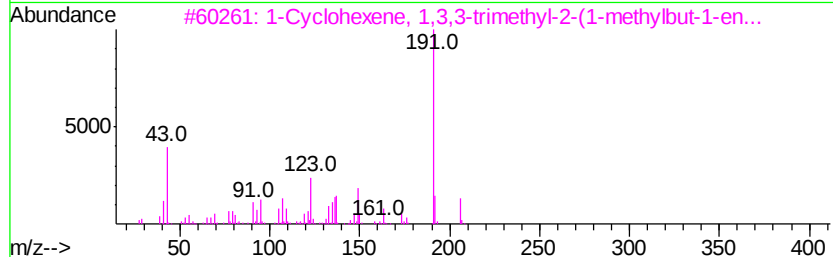
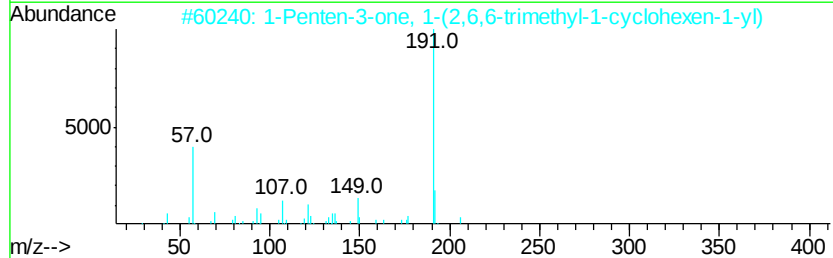
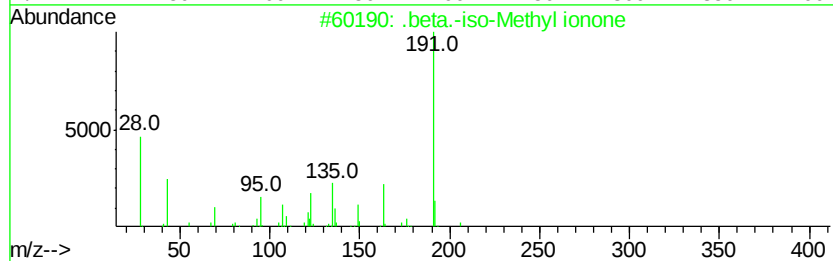
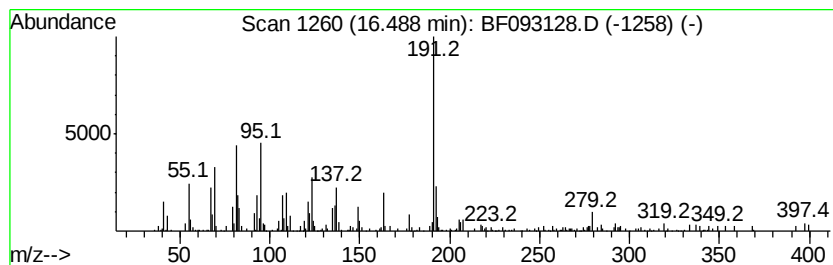
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 .beta.-iso-Methyl ionone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	5.12 ng	321451	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	86
2			1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
3			1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37
4			5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27
5			3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\
Data File : BF093128.D
Acq On : 24 Feb 2017 2:20
Operator : SJ/MA
Sample : I1955-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

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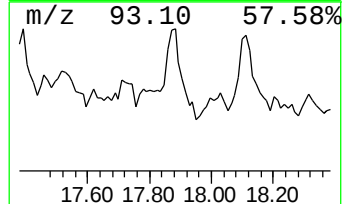
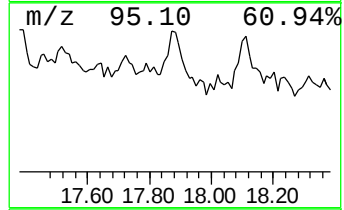
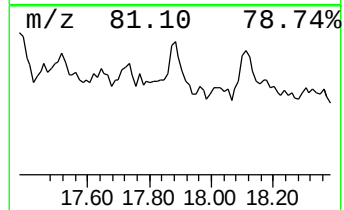
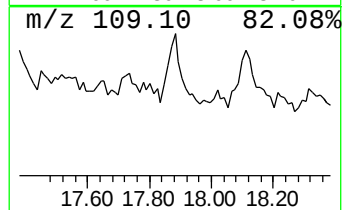
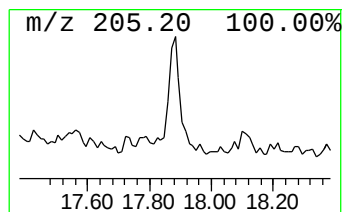
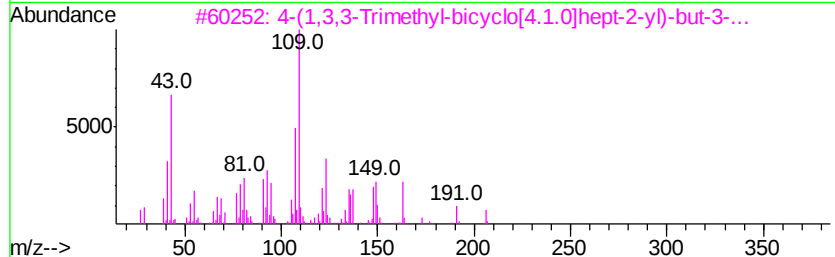
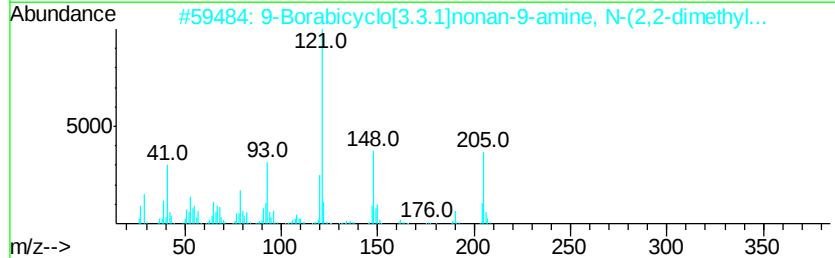
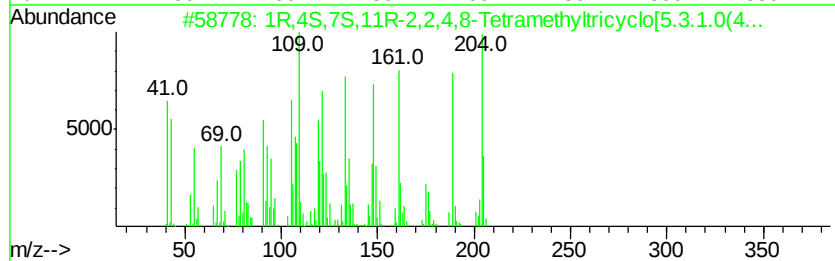
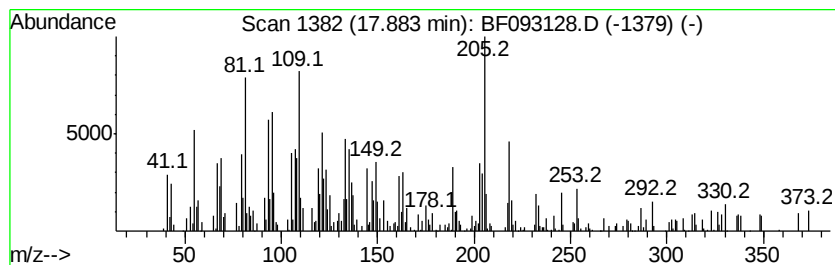
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.88 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	6.32 ng	396678	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	42
2		9-Borabicyclo[3.3.1]nonan-9-amin...	205	C13H24BN	143122-94-5	40
3		4-(1,3,3-Trimethyl-bicyclo[4.1.0]...	206	C14H22O	077143-31-8	38
4		7-Chloro-4-[3-bromo-1-methylprop...	312	C13H14BrClN2	031510-38-0	25
5		1-Propyl-2,2-bis(phenylthio)cycl...	314	C19H22S2	122732-89-2	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093128.D
Acq On : 24 Feb 2017 2:20
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Misc :
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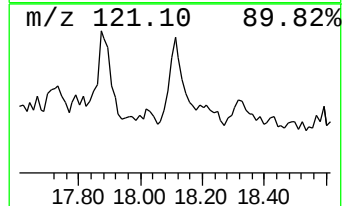
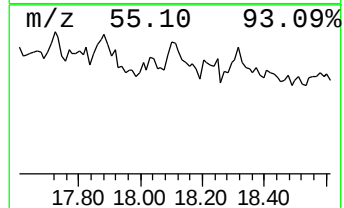
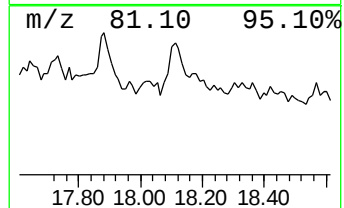
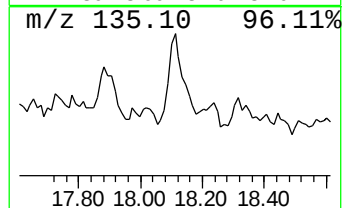
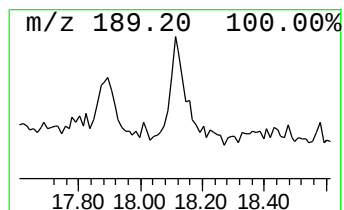
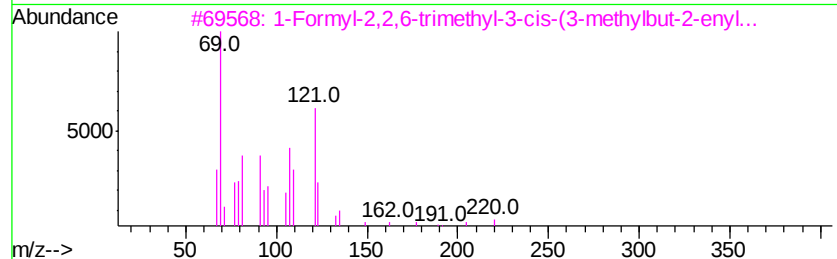
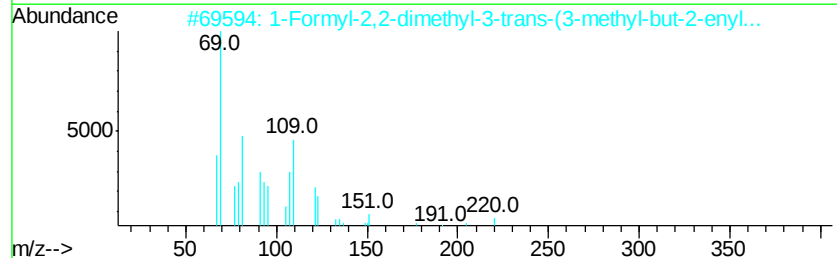
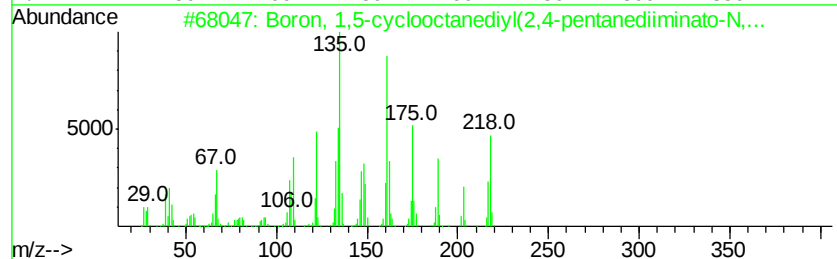
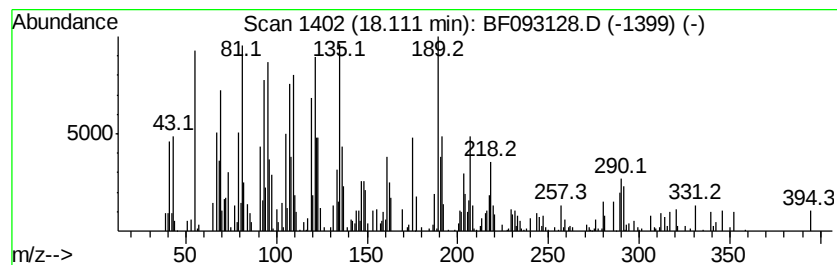
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.11 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	8.17 ng	512909	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Boron, 1,5-cyclooctanediyl(2,4-p...	218	C13H23BN2	136704-99-9	46
2			1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	35
3			1-Formyl-2,2,6-trimethyl-3-cis-(...	220	C15H24O	1000144-10-1	30
4			1,3-Cyclopentadiene, 2,3,4,5-tet...	190	C14H22	1000161-28-7	30
5			Benzestrol	298	C20H26O2	000085-95-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\
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Acq On : 24 Feb 2017 2:20
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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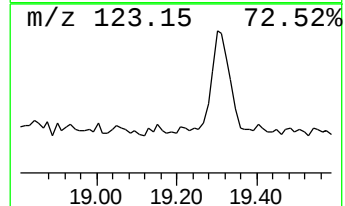
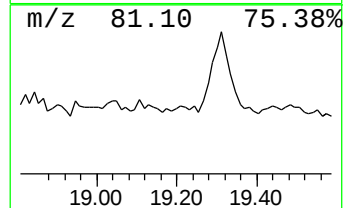
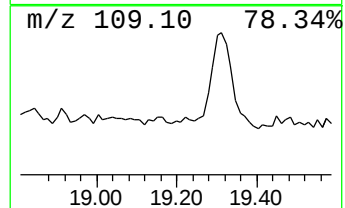
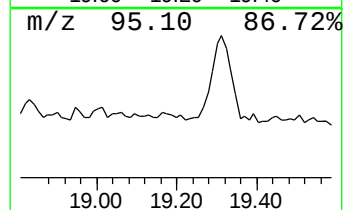
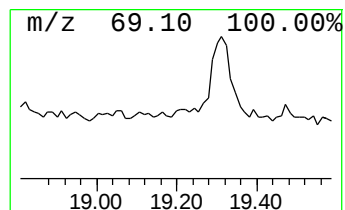
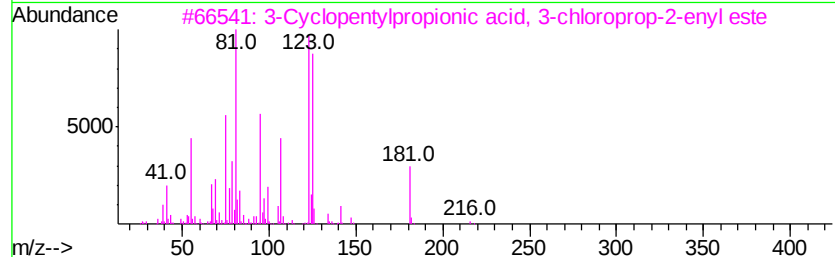
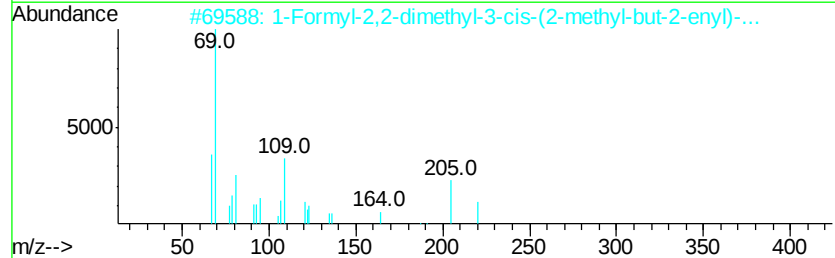
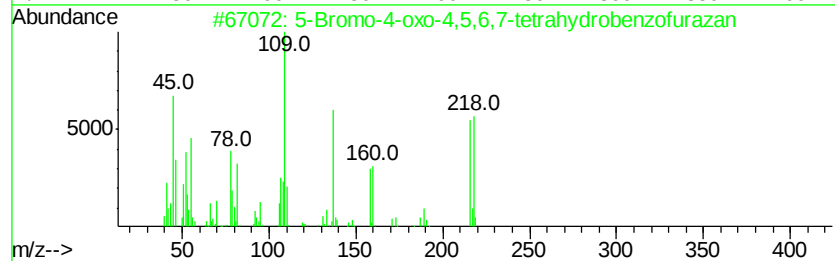
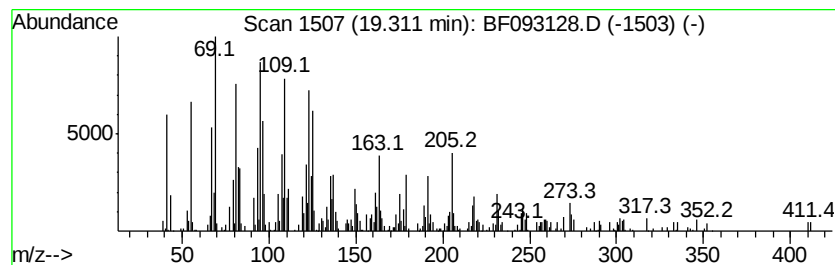
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	7.12 ng	446819	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
2		1-Formyl-2,2-dimethyl-3-cis-(2-m...	220	C15H24O	1000144-10-0	45
3		3-Cyclopentylpropionic acid, 3-c...	216	C11H17ClO2	1000292-47-2	42
4		2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	42
5		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\
 Data File : BF093128.D
 Acq On : 24 Feb 2017 2:20
 Operator : SJ/MA
 Sample : I1955-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-4

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...	5.01	34.6	ng	1837980	1	6.84	1063570	20.0
unknown6.61	6.61	70.1	ng	3726660	1	6.84	1063570	20.0
Benzene, 1,3,5-tr...	6.67	5.7	ng	304828	1	6.84	1063570	20.0
Benzene, 1-methyl...	6.92	19.5	ng	1035450	1	6.84	1063570	20.0
Eicosane	9.29	6.3	ng	381219	3	9.88	1201630	20.0
Hexadecane	9.81	4.6	ng	277992	3	9.88	1201630	20.0
Dodecane	10.30	5.8	ng	345349	3	9.88	1201630	20.0
Tridecane	10.78	9.8	ng	561306	4	11.37	1143020	20.0
Cyclobutane, 1,1'...	11.61	5.3	ng	302977	4	11.37	1143020	20.0
Phenanthrene, 1-m...	13.08	8.1	ng	936787	5	14.01	2328120	20.0
Pentadecane	13.85	5.7	ng	664324	5	14.01	2328120	20.0
Tridecane, 1-iodo-	14.76	6.3	ng	395888	6	15.44	1255050	20.0
Nonadecane	15.85	4.8	ng	298228	6	15.44	1255050	20.0
.beta.-iso-Methyl...	16.49	5.1	ng	321451	6	15.44	1255050	20.0
unknown17.88	17.88	6.3	ng	396678	6	15.44	1255050	20.0
unknown18.11	18.11	8.2	ng	512909	6	15.44	1255050	20.0
5-Bromo-4-oxo-4,5...	19.31	7.1	ng	446819	6	15.44	1255050	20.0