

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
 Data File : BF081565.D
 Acq On : 9 Sep 2015 21:47
 Operator : UM/IZ
 Sample : G3540-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1507293456THRU-1507293463-CO

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-BF090115.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	3.256	142	146	160	rVB	18671	106846	2.65%	0.165%
2	4.593	260	263	270	rBV	113241	378401	9.40%	0.586%
3	4.879	286	288	291	rVV2	43738	80335	1.99%	0.124%
4	5.221	316	318	325	rVB	120327	173921	4.32%	0.269%
5	5.359	328	330	332	rVB	66330	79997	1.99%	0.124%
6	5.930	378	380	383	rVB	116898	128452	3.19%	0.199%
7	6.010	385	387	391	rBV2	67017	83716	2.08%	0.130%
8	6.102	392	395	398	rBV	1334645	1329714	33.02%	2.059%
9	6.296	403	412	413	rBV	228372	596732	14.82%	0.924%
10	6.319	413	414	417	rBV2	403317	609742	15.14%	0.944%
11	6.410	417	422	424	rBV3	211991	618673	15.36%	0.958%
12	6.490	425	429	431	rBV2	328705	910882	22.62%	1.411%
13	6.845	458	460	463	rVB3	2315441	4027248	100.00%	6.237%
14	6.902	463	465	467	rVB2	144244	239408	5.94%	0.371%
15	6.993	470	473	479	rVB3	284819	560186	13.91%	0.868%
16	7.153	479	487	495	rBV	689183	1680124	41.72%	2.602%
17	7.382	503	507	509	rBV3	49107	147226	3.66%	0.228%
18	7.450	509	513	515	rVB	159883	230723	5.73%	0.357%
19	7.622	526	528	531	rBV	394203	384871	9.56%	0.596%
20	7.793	538	543	546	rBV2	241667	570876	14.18%	0.884%
21	7.850	546	548	550	rVB	64939	99869	2.48%	0.155%
22	7.976	557	559	560	rBV	83545	89497	2.22%	0.139%
23	8.022	560	563	565	rVB2	84856	141138	3.50%	0.219%
24	8.170	574	576	579	rBV2	103980	132167	3.28%	0.205%
25	8.296	583	587	591	rBV3	308246	633339	15.73%	0.981%
26	8.365	591	593	600	rVB4	114141	300480	7.46%	0.465%
27	8.513	603	606	608	rVV	128557	209451	5.20%	0.324%
28	8.582	610	612	619	rVB	172327	282992	7.03%	0.438%
29	8.696	619	622	624	rBV2	93351	182411	4.53%	0.282%
30	8.856	632	636	641	rBV2	201975	382525	9.50%	0.592%
31	9.028	649	651	654	rBV	403789	349426	8.68%	0.541%
32	9.096	654	657	658	rBV2	60181	82381	2.05%	0.128%
33	9.119	658	659	661	rVB2	100659	81917	2.03%	0.127%
34	9.176	661	664	665	rVB	46234	69294	1.72%	0.107%

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35	9.222	665	668	670 rBV	1040127	978760	24.30%	1.516%
36	9.290	671	674	675 rVV3	67813	97585	2.42%	0.151%
37	9.313	675	676	678 rVV	129115	205180	5.09%	0.318%
38	9.359	678	680	684 rVV3	449091	1023746	25.42%	1.585%
39	9.450	684	688	691 rVV3	239199	748968	18.60%	1.160%
40	9.496	691	692	694 rVV2	81727	77881	1.93%	0.121%
41	9.588	697	700	706 rBV2	92216	177601	4.41%	0.275%
42	9.828	719	721	722 rBV	49856	70227	1.74%	0.109%
43	10.113	744	746	747 rBV2	57333	104519	2.60%	0.162%
44	10.136	747	748	751 rVB	170963	190993	4.74%	0.296%
45	10.182	751	752	754 rBV2	68622	106948	2.66%	0.166%
46	10.228	754	756	758 rVB2	157493	200447	4.98%	0.310%
47	10.296	761	762	766 rVB3	44822	72268	1.79%	0.112%
48	10.388	768	770	772 rBV	1010240	1170646	29.07%	1.813%
49	10.445	772	775	776 rVB2	64352	78823	1.96%	0.122%
50	10.536	781	783	785 rBV2	155985	339039	8.42%	0.525%
51	10.582	785	787	788 rBV	138063	154574	3.84%	0.239%
52	10.616	788	790	791 rBV	87902	82122	2.04%	0.127%
53	10.662	791	794	797 rVB	1087456	1823995	45.29%	2.825%
54	10.753	799	802	803 rBV	447080	713907	17.73%	1.106%
55	10.788	803	805	807 rVB	1847905	1937468	48.11%	3.000%
56	10.822	807	808	811 rVB	239386	283127	7.03%	0.438%
57	10.925	813	817	820 rBV3	48499	152981	3.80%	0.237%
58	10.971	820	821	823 rVB2	66544	83274	2.07%	0.129%
59	11.028	823	826	829 rBV2	163361	370111	9.19%	0.573%
60	11.073	829	830	833 rVB	801179	1040643	25.84%	1.612%
61	11.131	833	835	837 rBV2	90660	124148	3.08%	0.192%
62	11.176	837	839	841 rVB	258219	273685	6.80%	0.424%
63	11.233	841	844	845 rBV	470878	701659	17.42%	1.087%
64	11.256	845	846	848 rVB	1055918	733734	18.22%	1.136%
65	11.371	854	856	857 rBV	225323	283278	7.03%	0.439%
66	11.394	857	858	861 rVB2	1237172	1463788	36.35%	2.267%
67	11.439	861	862	864 rVB	102190	83695	2.08%	0.130%
68	11.519	867	869	873 rVB2	91656	148955	3.70%	0.231%
69	11.599	873	876	878 rBV	816382	828067	20.56%	1.282%
70	11.668	880	882	884 rBV2	63161	107690	2.67%	0.167%
71	11.748	884	889	891 rBV2	1349236	1847192	45.87%	2.861%

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72	11.794	891	893	895	rVB	2112576	2227267	55.30%	3.449%
73	11.885	899	901	902	rBV	62271	97369	2.42%	0.151%
74	11.931	902	905	907	rVB	506233	848387	21.07%	1.314%
75	11.988	907	910	912	rBV2	113890	191945	4.77%	0.297%
76	12.045	912	915	918	rBV	997005	1349673	33.51%	2.090%
77	12.102	918	920	923	rBV3	768270	1058370	26.28%	1.639%
78	12.148	923	924	926	rVB	245291	260683	6.47%	0.404%
79	12.216	928	930	933	rBV	110893	155114	3.85%	0.240%
80	12.342	936	941	944	rBV3	363081	776193	19.27%	1.202%
81	12.399	944	946	947	rBV	939525	1188467	29.51%	1.841%
82	12.456	949	951	953	rVV	1766696	2475365	61.47%	3.833%
83	12.582	957	962	965	rVV	1454868	2647765	65.75%	4.100%
84	12.651	965	968	972	rVV5	521198	1272635	31.60%	1.971%
85	12.719	972	974	975	rVV	735553	1220411	30.30%	1.890%
86	12.765	976	978	981	rVV2	670369	1270883	31.56%	1.968%
87	12.902	985	990	992	rVV2	1069047	3094401	76.84%	4.792%
88	12.971	992	996	998	rVV3	555655	1385668	34.41%	2.146%
89	13.028	998	1001	1004	rVB	2434633	3385055	84.05%	5.242%
90	13.279	1018	1023	1026	rBV	1662512	2805172	69.65%	4.344%
91	13.348	1027	1029	1035	rVB2	164510	292326	7.26%	0.453%
92	13.439	1035	1037	1041	rBV	295880	483791	12.01%	0.749%
93	13.622	1052	1053	1055	rVV2	85142	96271	2.39%	0.149%
94	13.657	1055	1056	1058	rVB	87478	114743	2.85%	0.178%
95	13.862	1071	1074	1076	rBV3	57676	169760	4.22%	0.263%
96	13.908	1076	1078	1081	rVV	146367	202028	5.02%	0.313%
97	14.022	1086	1088	1095	rVB4	86492	203756	5.06%	0.316%
98	14.182	1099	1102	1104	rVB	83021	109521	2.72%	0.170%
99	14.594	1136	1138	1142	rVB2	39437	75377	1.87%	0.117%
100	14.742	1148	1151	1155	rVB	218729	257838	6.40%	0.399%

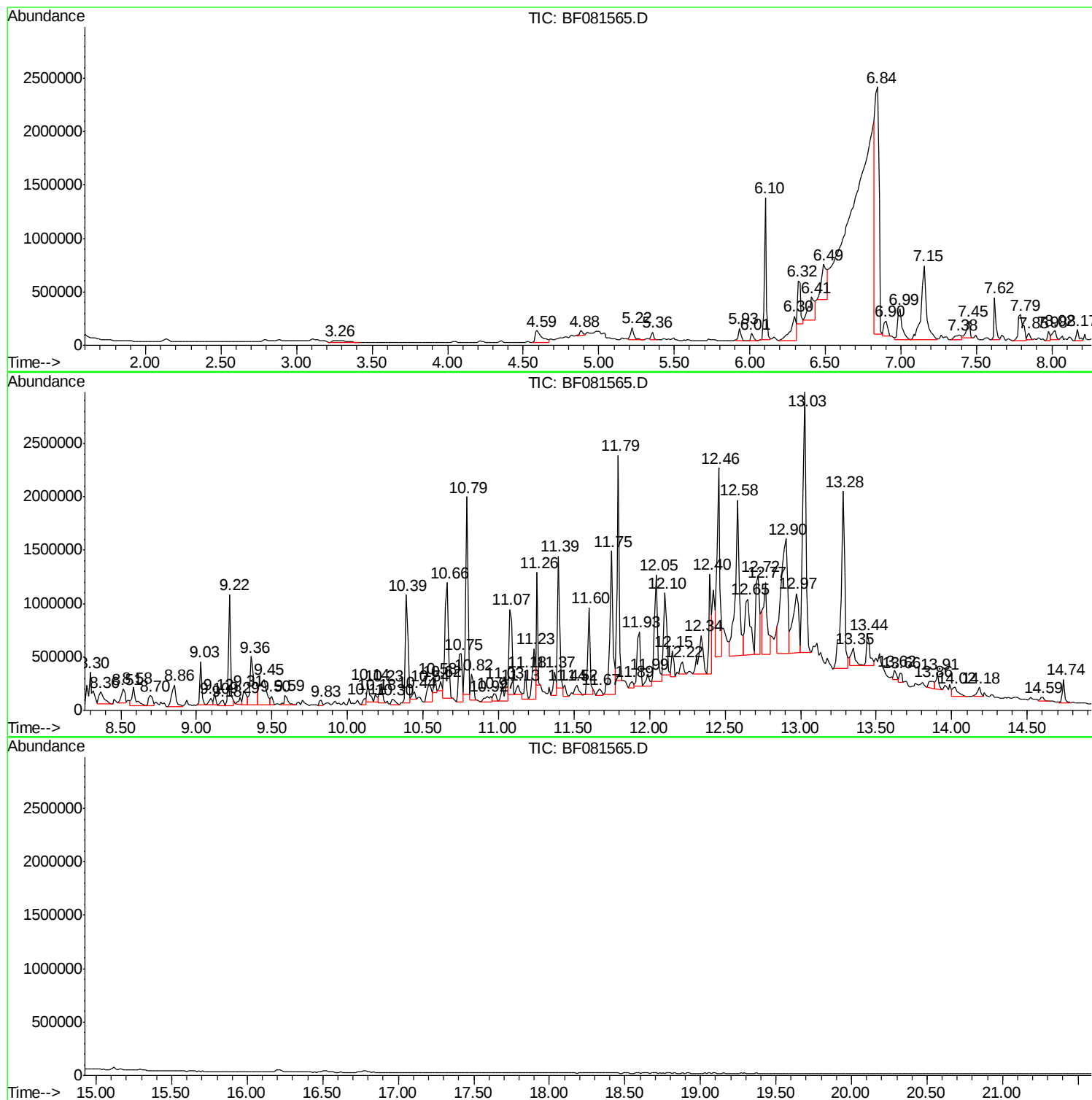
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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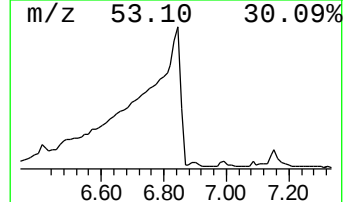
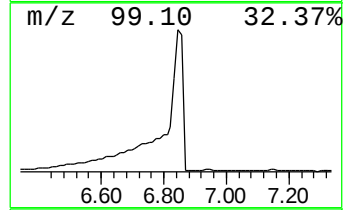
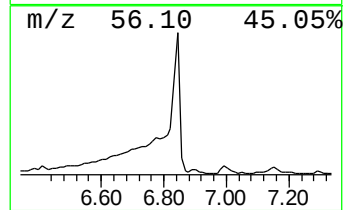
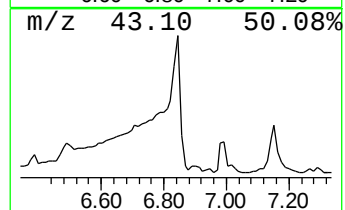
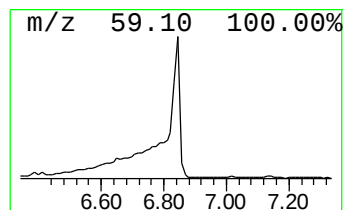
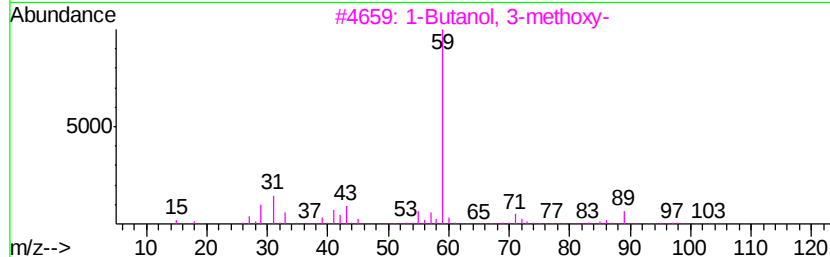
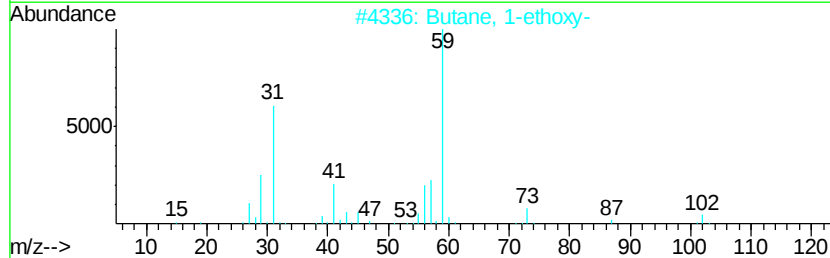
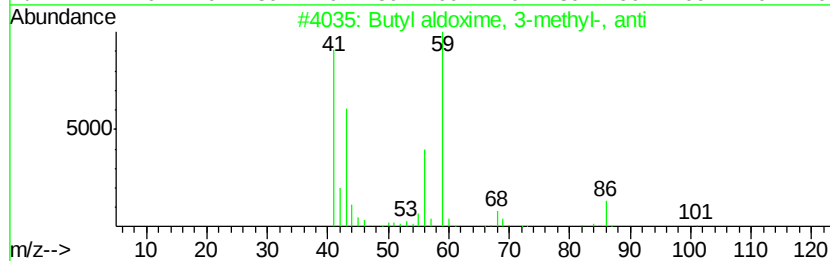
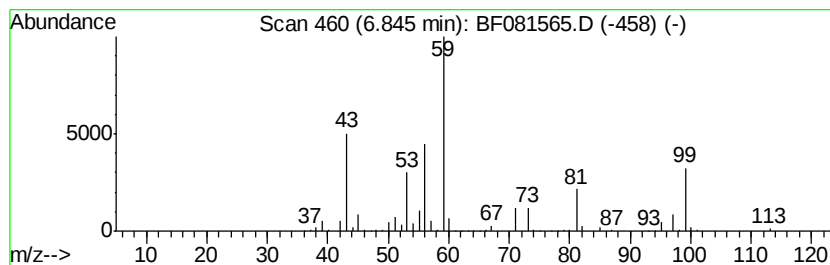
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.84 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	132.10 ng	4027250	1,4-Dichlorobenzene-d4	6.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butyl aldoxime, 3-methyl-, anti	101	C5H11NO	005775-74-6	38
2		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25
3		1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	17
4		Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	16
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12



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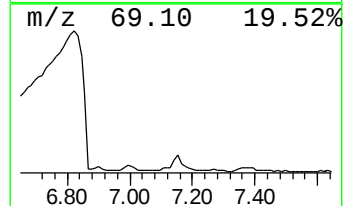
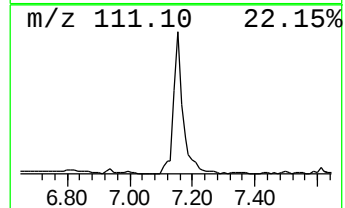
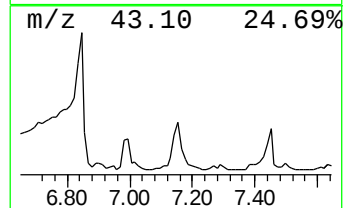
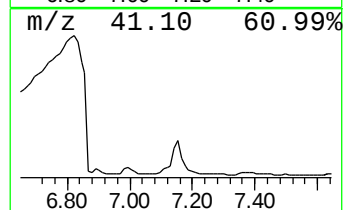
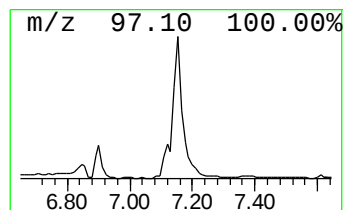
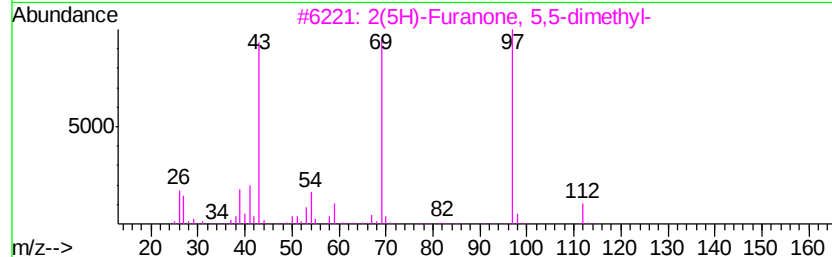
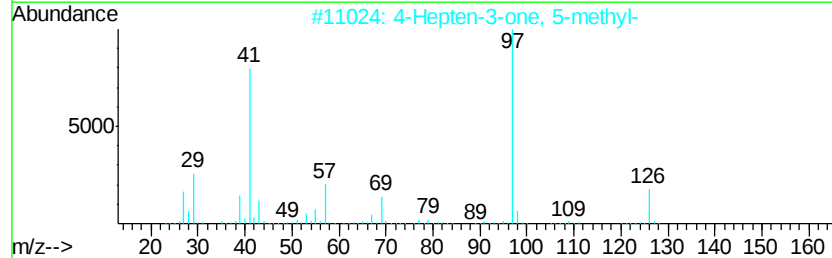
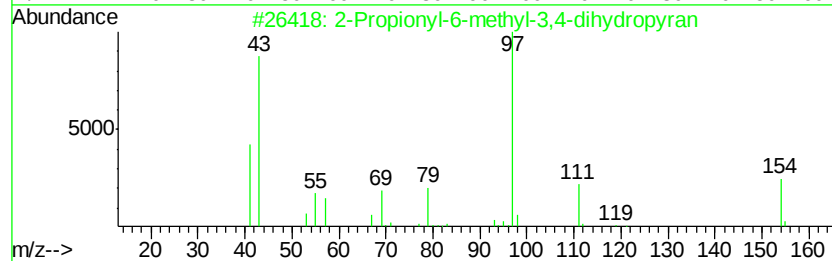
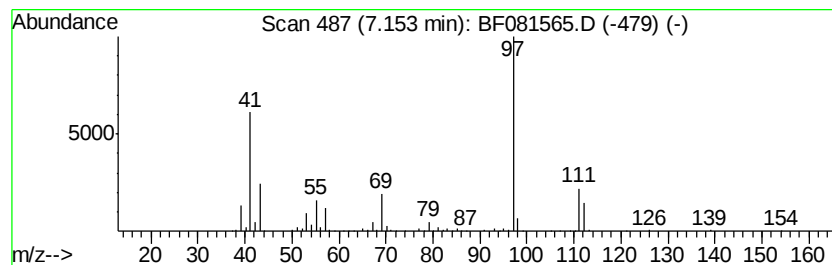
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Propionyl-6-methyl-3,4-di... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	87.31 ng	1680120	Napthalene-d8	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propionyl-6-methyl-3,4-dihydro...	154	C9H14O2	1000145-07-7	64
2		4-Hepten-3-one, 5-methyl-	126	C8H14O	001447-26-3	50
3		2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	50
4		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47
5		2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	43



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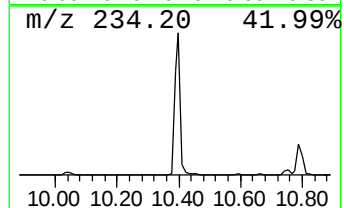
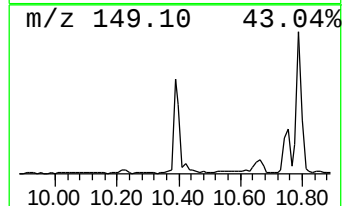
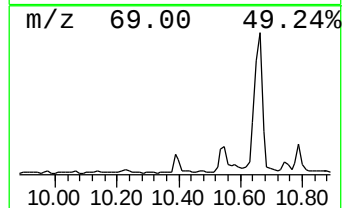
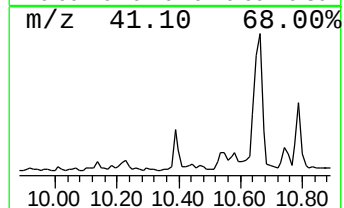
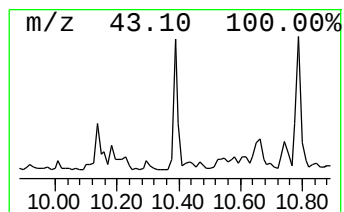
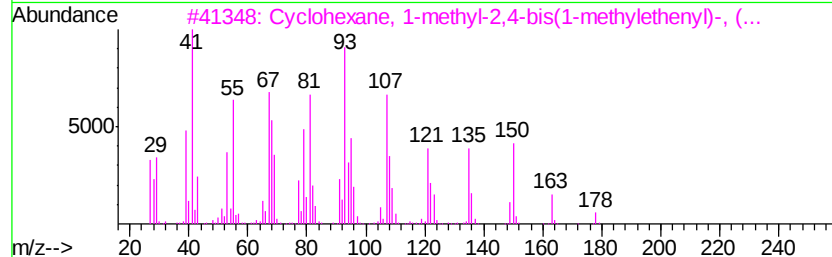
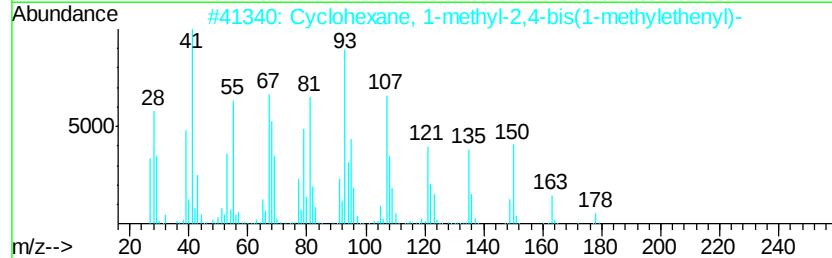
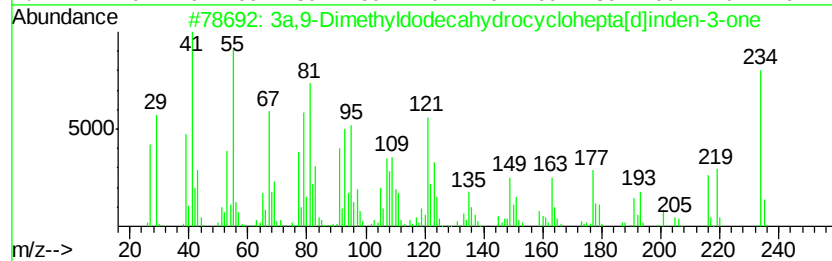
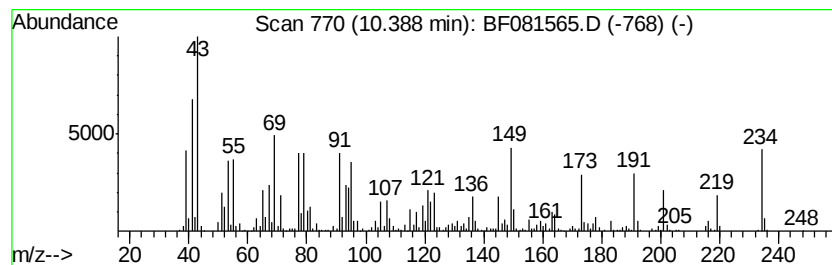
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Peak Number 3 unknown10.39 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.39	82.69 ng	1170650	Phenanthrene-d10	10.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,9-Dimethyldodecahydrocyclohep...	234	C16H26O	1000189-38-7	38
2	Cyclohexane, 1-methyl-2,4-bis(1-...	178	C13H22	061142-58-3	18
3	Cyclohexane, 1-methyl-2,4-bis(1-...	178	C13H22	062337-95-5	14
4	3-Penten-2-one, 3-(2-furanyl)-	150	C9H10O2	056335-77-4	10
5	3,6-Dimethyl-4-octyn-3,6-diol	170	C10H18O2	000078-66-0	10



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Operator : UM/IZ
Sample : G3540-01
Misc :
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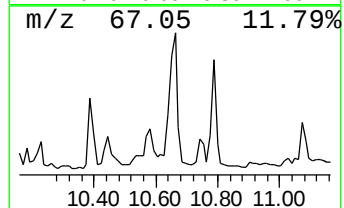
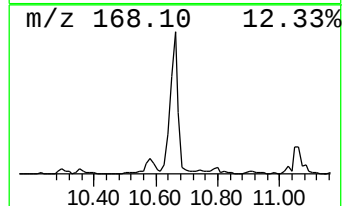
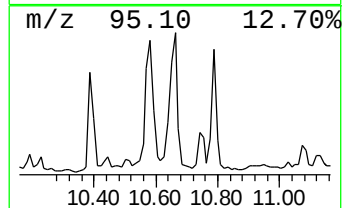
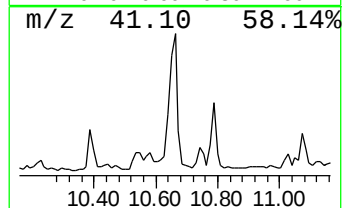
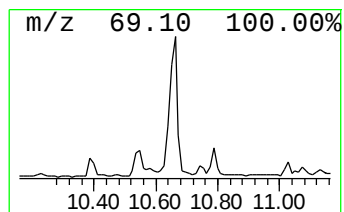
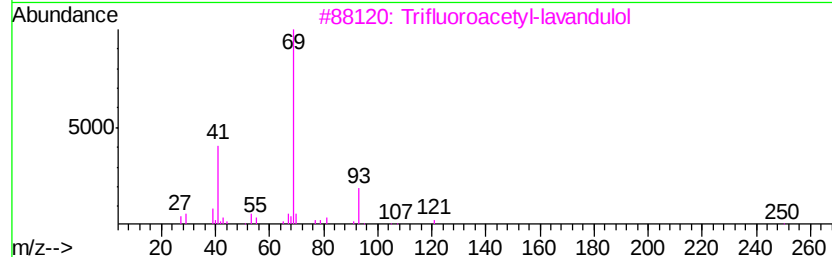
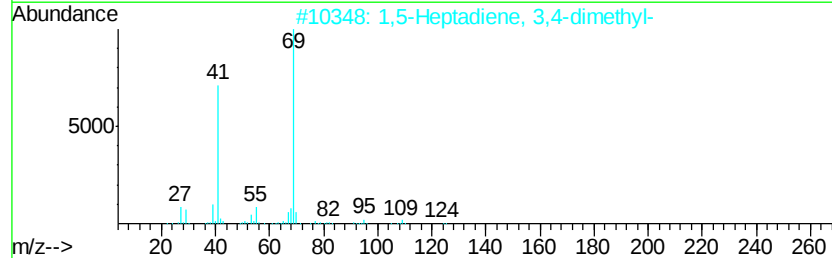
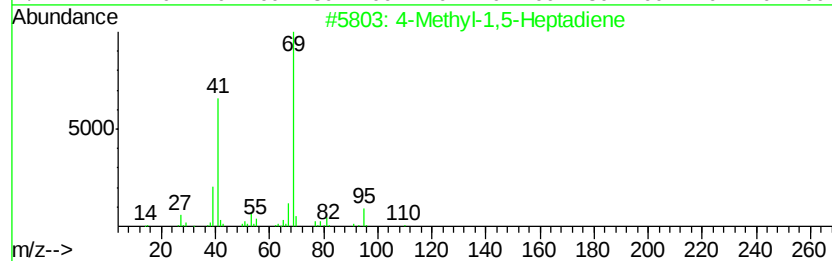
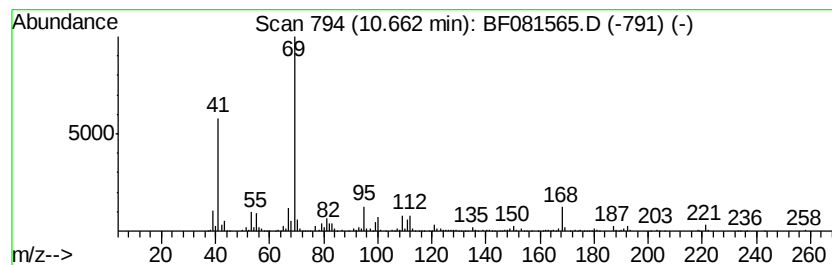
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4-Methyl-1,5-Heptadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	128.85 ng	1824000	Phenanthrene-d10	10.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	52
2	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	50
3	Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	50
4	2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	50
5	1,2,4-Trithiolane, 3,5-bis(1,1-d...	236	C10H20S3	054833-18-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
Acq On : 9 Sep 2015 21:47
Operator : UM/IZ
Sample : G3540-01
Misc :
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Instrument :
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ClientSampleId :
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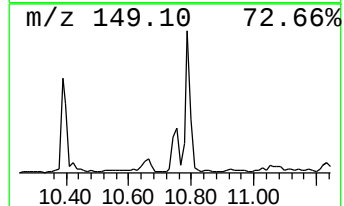
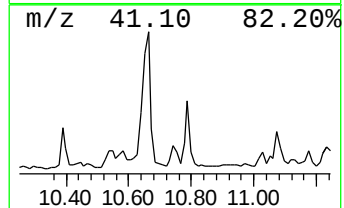
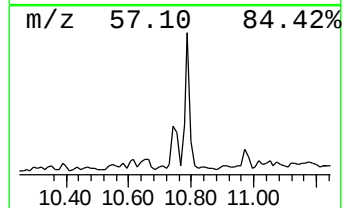
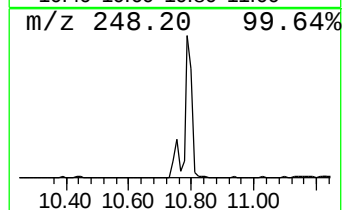
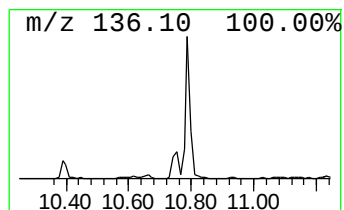
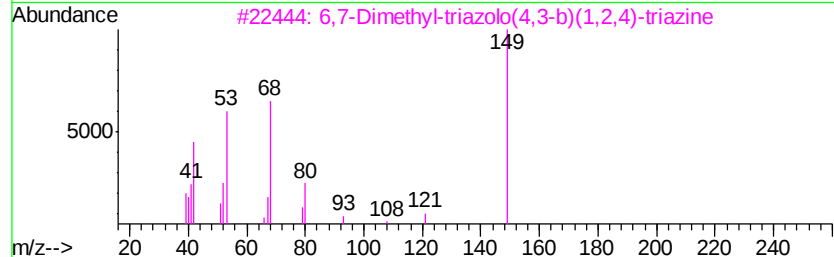
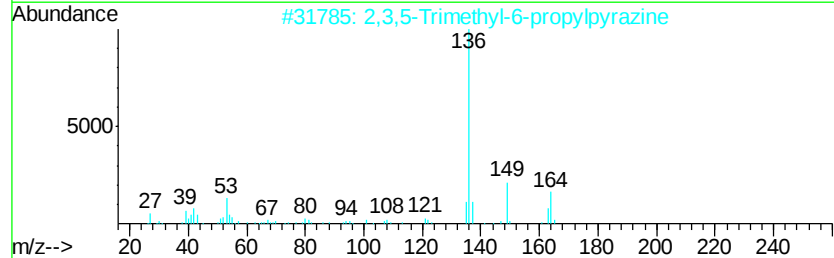
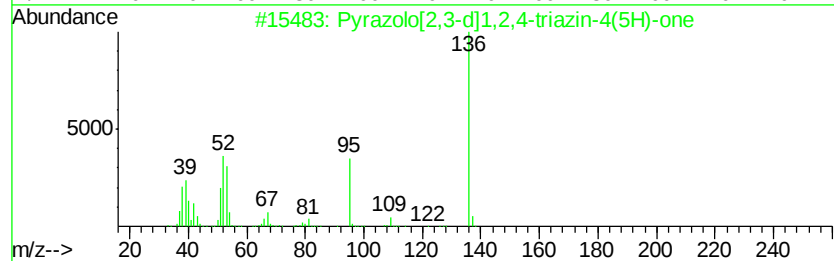
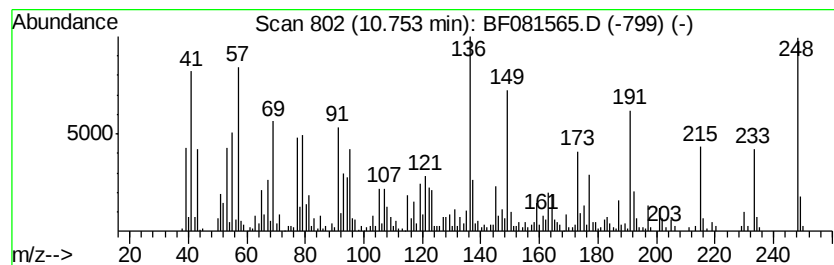
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown10.75 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	50.43 ng	713907	Phenanthrene-d10	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazolo[2,3-d]1,2,4-triazin-4(5H)-one	136	C5H4N4O	056976-88-6	35
2		2,3,5-Trimethyl-6-propylpyrazine	164	C10H16N2	092233-82-4	35
3		6,7-Dimethyl-triazolo(4,3-b)(1,2,4)-triazine	149	C6H7N5	061139-73-9	25
4		2.alpha., 4a.beta., 8a.beta.-Decalylidene-1,2,3,4-tetrahydronaphthalene	154	C10H18O	001424-37-9	25
5		Hanphyllin	248	C15H20O3	060268-40-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
Acq On : 9 Sep 2015 21:47
Operator : UM/IZ
Sample : G3540-01
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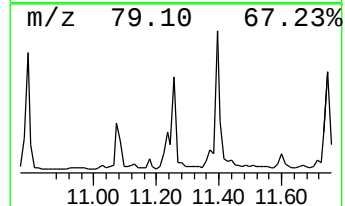
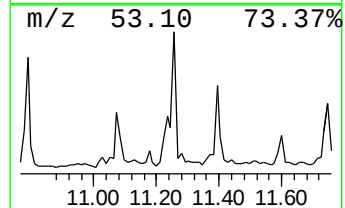
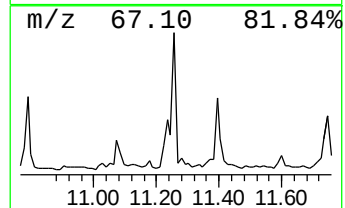
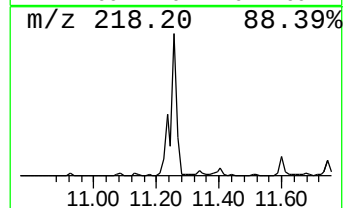
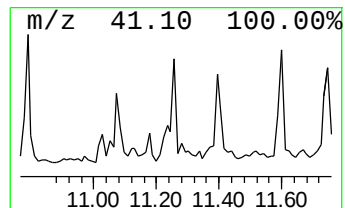
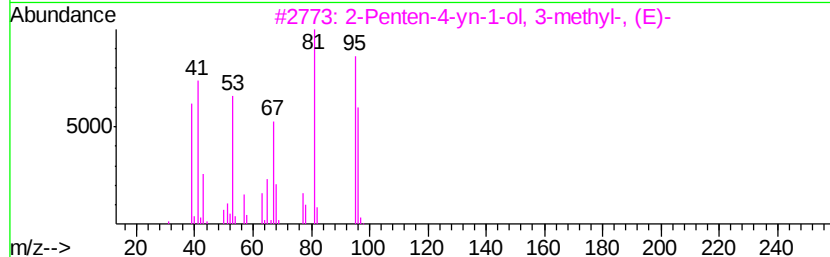
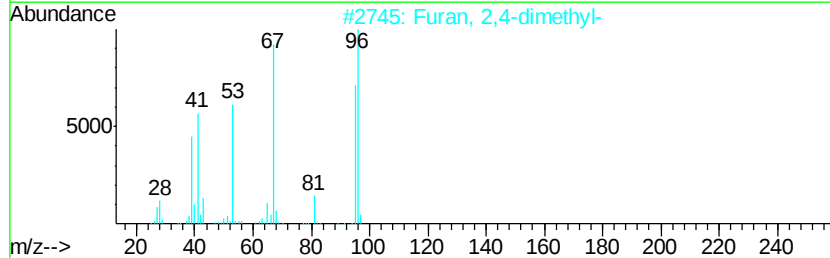
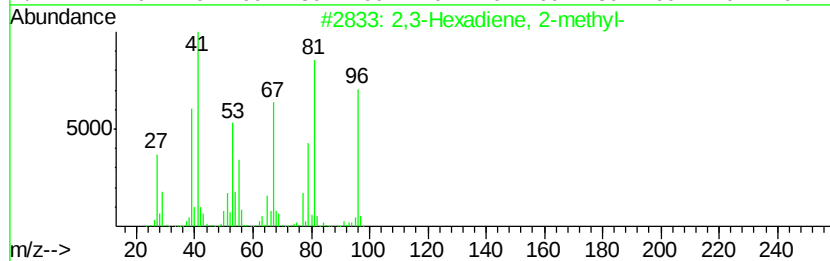
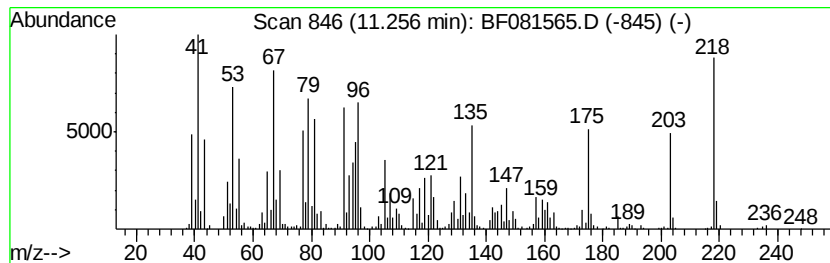
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2,3-Hexadiene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	51.83 ng	733734	Phenanthrene-d10	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Hexadiene, 2-methyl-	96	C7H12	029212-09-7	53
2		Furan, 2,4-dimethyl-	96	C6H8O	003710-43-8	50
3		2-Penten-4-yn-1-ol, 3-methyl-, (E)-	96	C6H8O	006153-06-6	49
4		1-Butyne, 3-methyl-	68	C5H8	000598-23-2	43
5		Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
Acq On : 9 Sep 2015 21:47
Operator : UM/IZ
Sample : G3540-01
Misc :
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Instrument :
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ClientSampleId :
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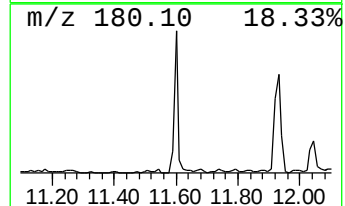
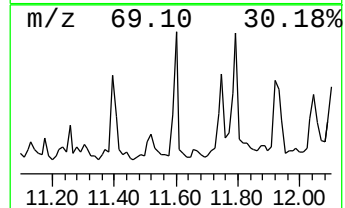
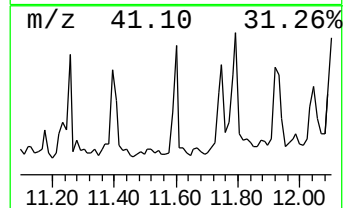
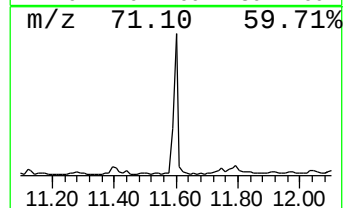
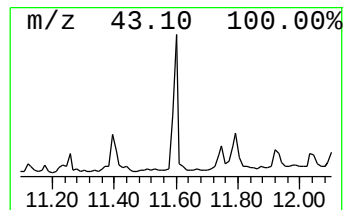
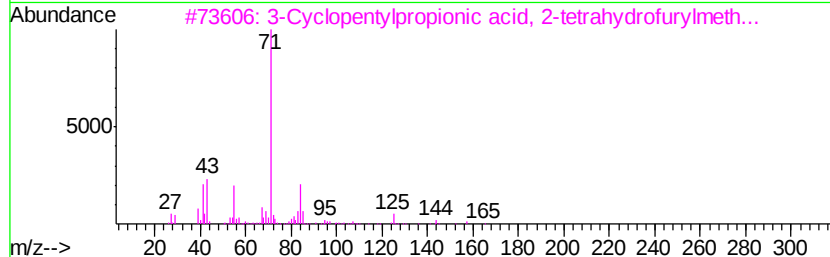
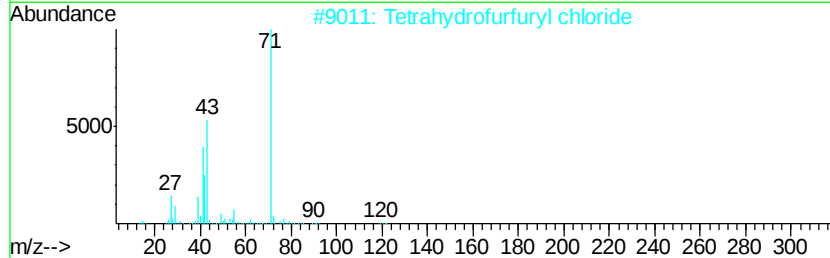
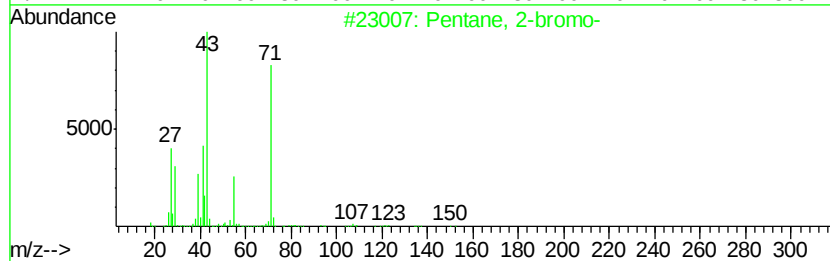
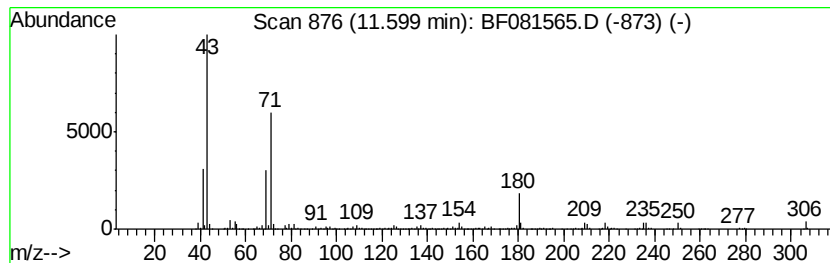
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.60 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	58.49 ng	828067	Phenanthrene-d10	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	38
2		Tetrahydrofurfuryl chloride	120	C5H9ClO	003003-84-7	25
3		3-Cyclopentylpropionic acid, 2-t...	226	C13H22O3	1000293-46-9	16
4		trans-2-Methyl-4-hexen-3-ol	114	C7H14O	096346-76-8	12
5		Phytol	296	C20H40O	000150-86-7	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
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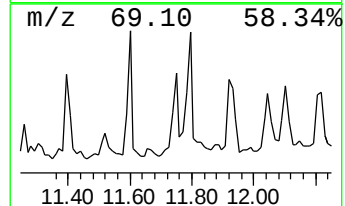
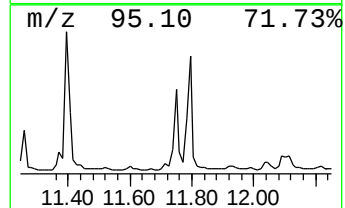
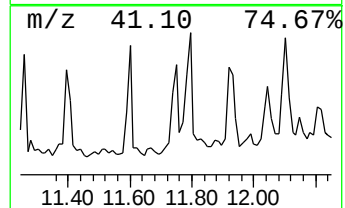
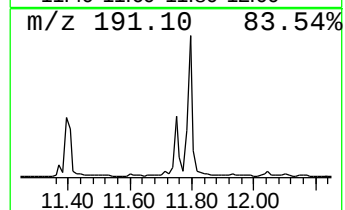
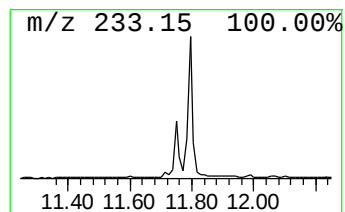
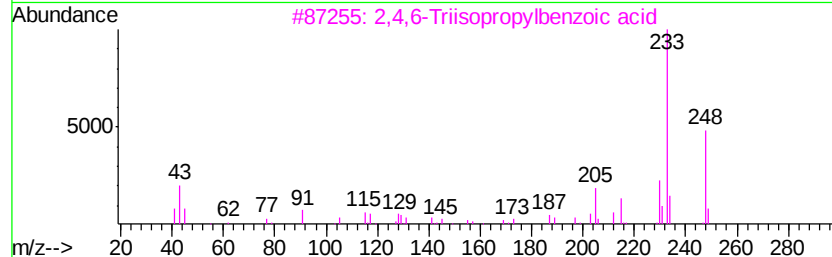
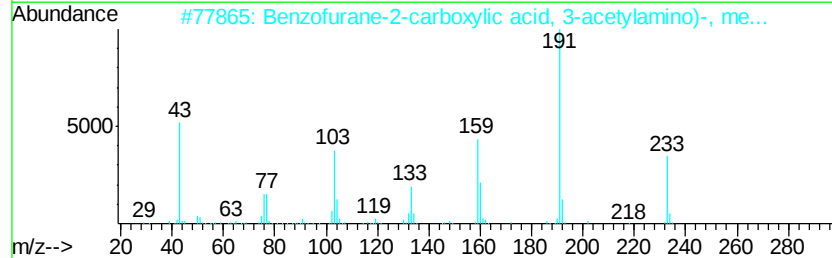
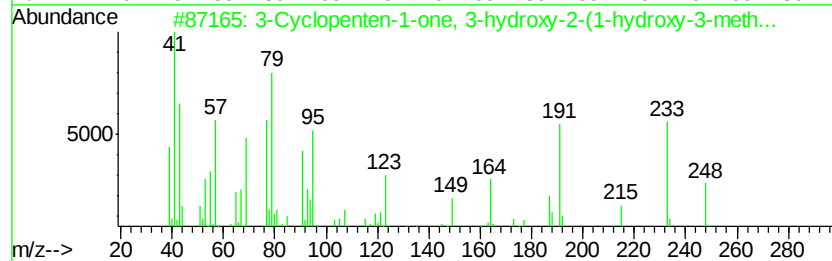
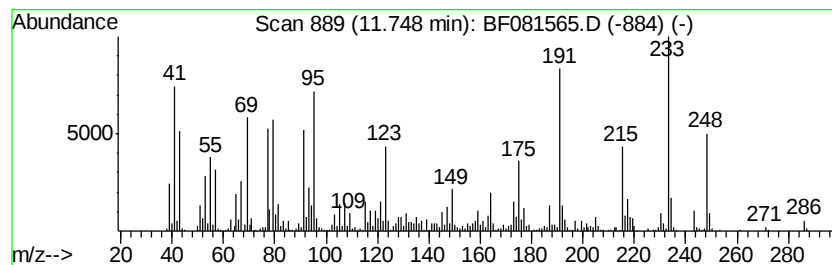
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 3-Cyclopenten-1-one, 3-hydr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	130.49 ng	1847190	Phenanthrene-d10	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclopenten-1-one, 3-hydroxy-2...	248	C15H20O3	038574-23-1	90
2		Benzofurane-2-carboxylic acid, 3...	233	C12H11NO4	054802-08-3	45
3		2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	42
4		8-Isopropyl-1,3-dimethylphenanth...	248	C19H20	135886-06-5	35
5		Acetonitrile, 2-[2,3-dihydro-2,2...	248	C17H16N2	144498-83-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
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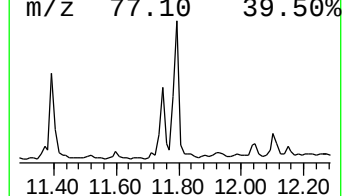
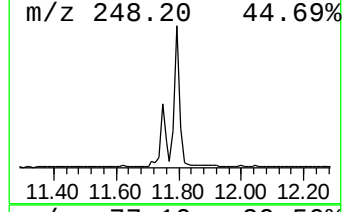
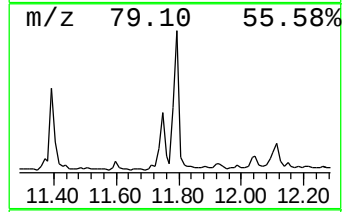
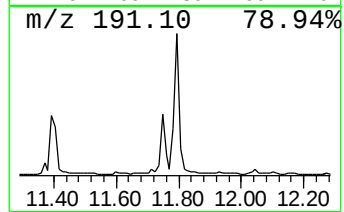
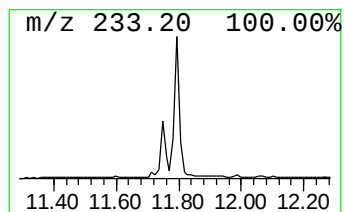
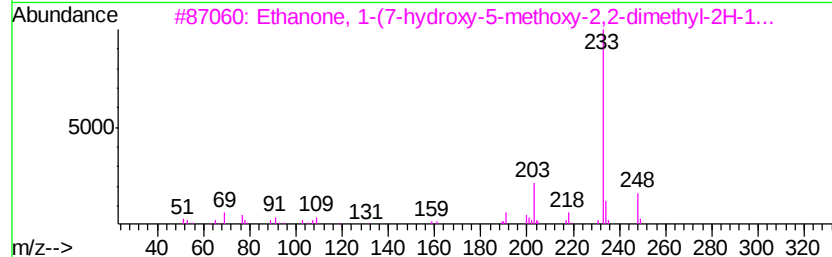
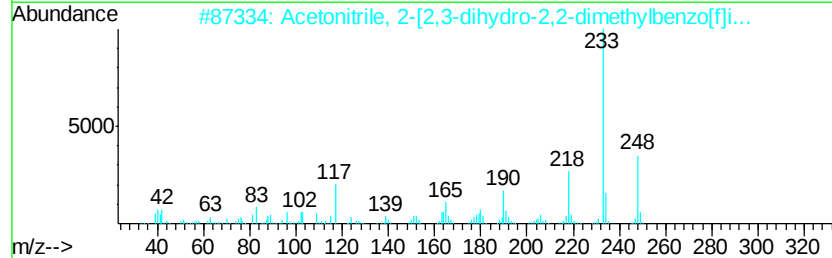
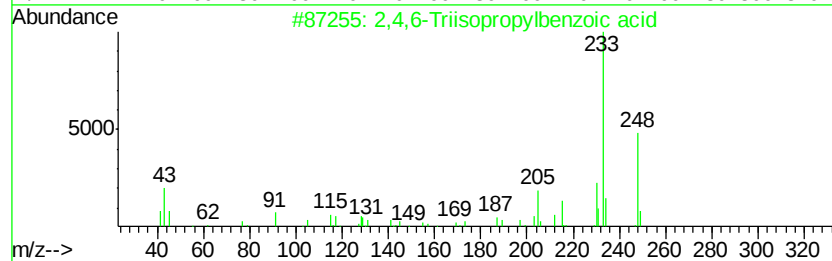
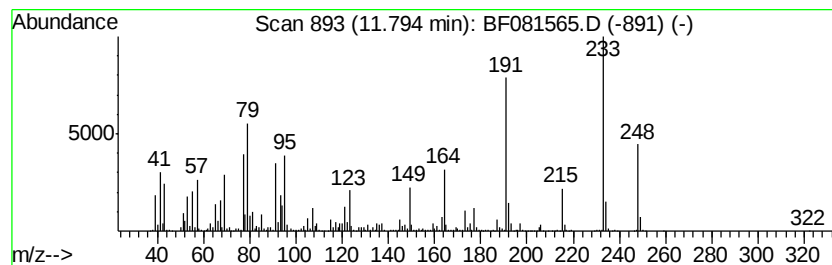
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	157.33 ng	2227270	Phenanthrene-d10	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	38
2		Acetonitrile, 2-[2,3-dihydro-2,2...	248	C17H16N2	144498-83-9	27
3		Ethanone, 1-(7-hydroxy-5-methoxy...	248	C14H16O4	000529-70-4	25
4		Phenanthro[9,10-d]oxazole, 2-met...	233	C16H11NO	021639-88-3	14
5		Anthracene, 9-butyl-	234	C18H18	001498-69-7	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
Acq On : 9 Sep 2015 21:47
Operator : UM/IZ
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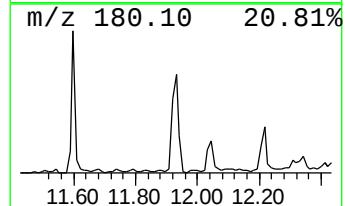
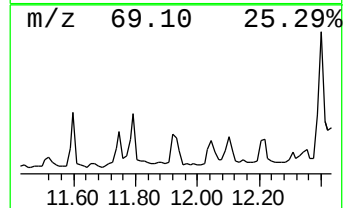
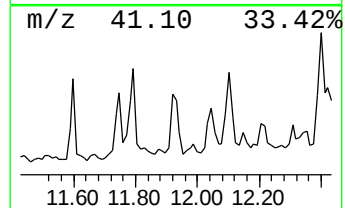
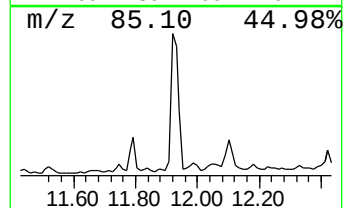
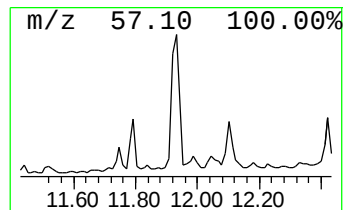
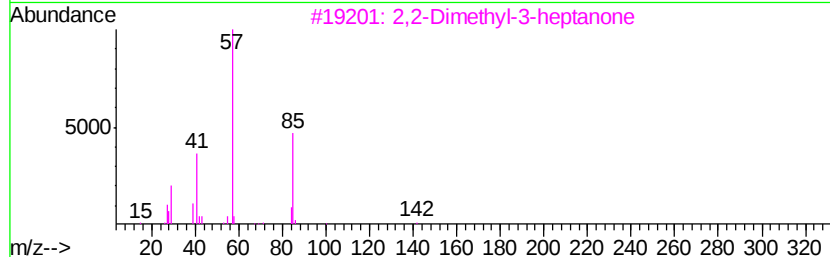
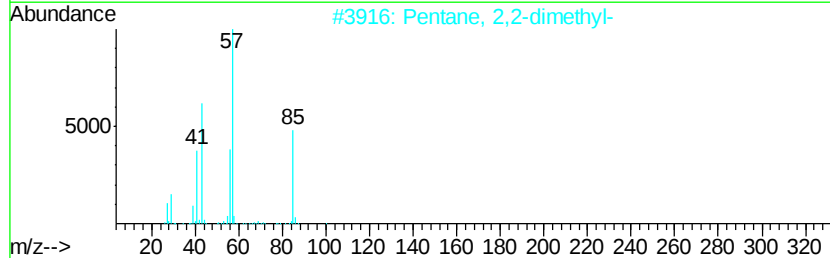
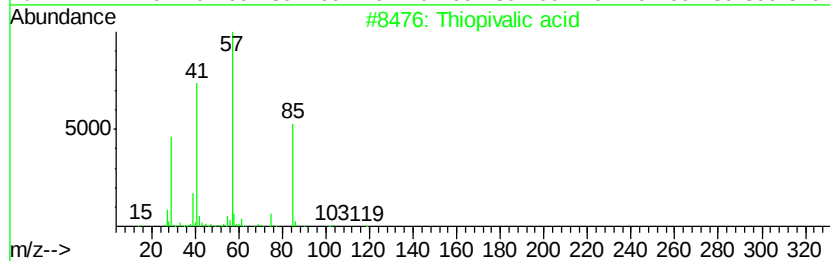
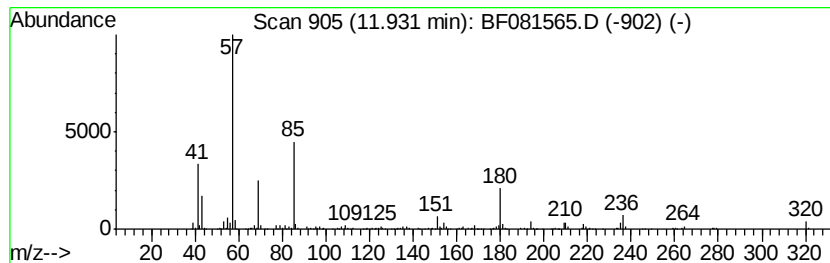
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.93 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	59.93 ng	848387	Phenanthrene-d10	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiopivalic acid	118	C5H10O5	055561-02-9	43
2		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	37
3		2,2-Dimethyl-3-heptanone	142	C9H18O	019078-97-8	25
4		Acetyl valeryl	128	C7H12O2	000096-04-8	25
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
Acq On : 9 Sep 2015 21:47
Operator : UM/IZ
Sample : G3540-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

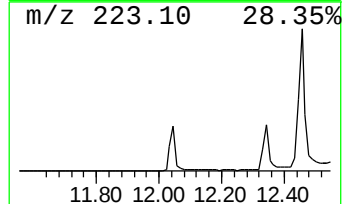
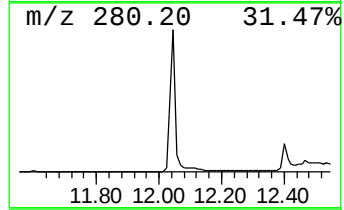
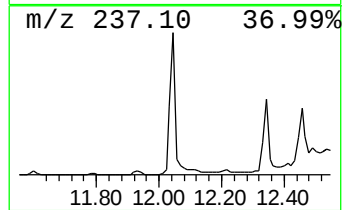
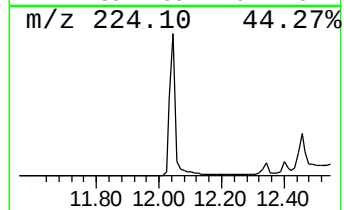
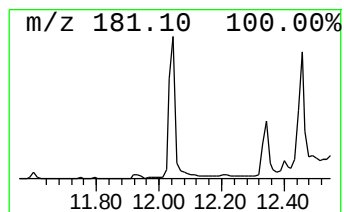
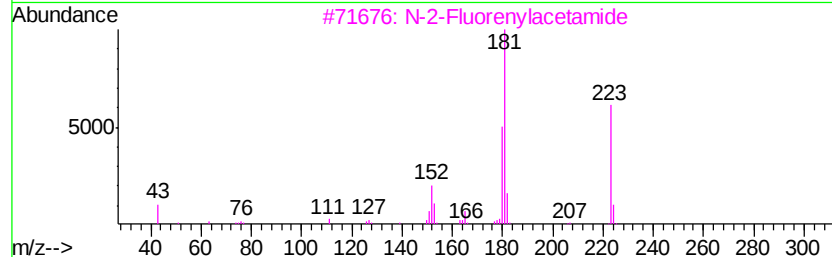
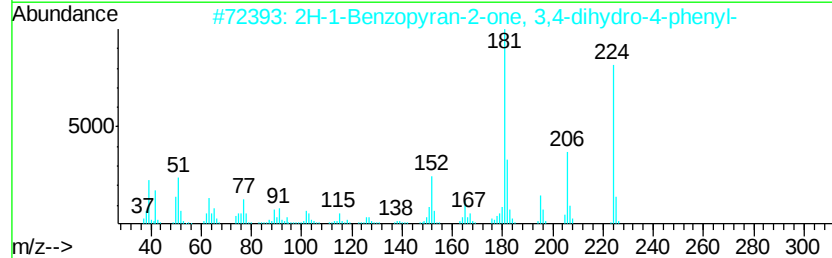
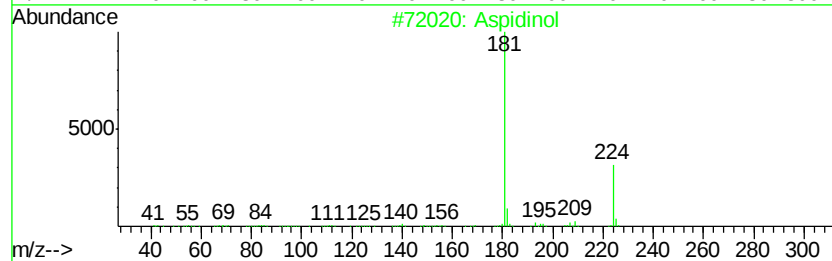
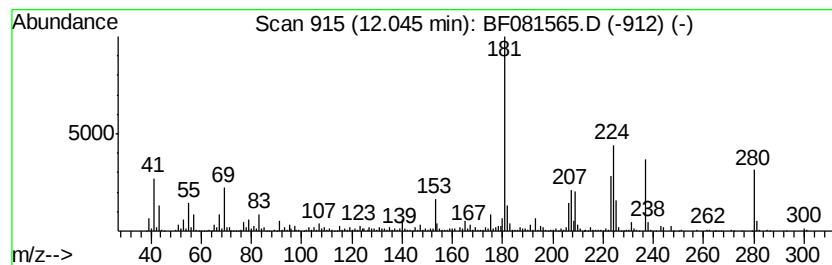
Instrument :
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ClientSampleId :
1507293456THRU-1507293463-CO

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	95.34 ng	1349670	Phenanthrene-d10	10.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Aspidinol	224 C12H16O4	000519-40-4	38
2	2H-1-Benzopyran-2-one, 3,4-dihyd...	224 C15H12O2	1000142-00-1	38
3	N-2-Fluorenylacetamide	223 C15H13NO	000053-96-3	27
4	1-Adamantanecarboxylic acid, hep...	418 C28H50O2	079676-91-8	22
5	Fluorene, 9-hydroxy-9-(trichloro...	298 C14H9Cl3O	1000152-14-8	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
Acq On : 9 Sep 2015 21:47
Operator : UM/IZ
Sample : G3540-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

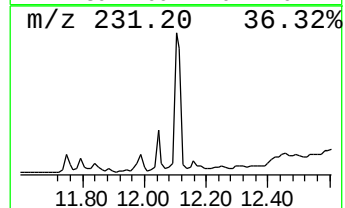
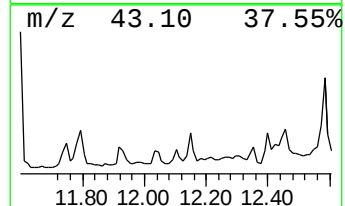
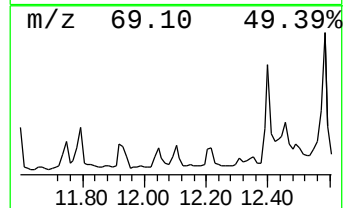
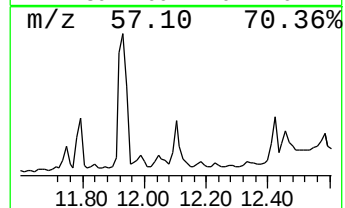
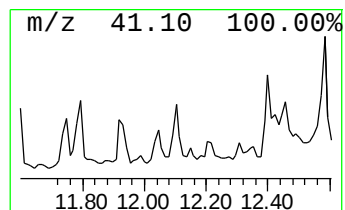
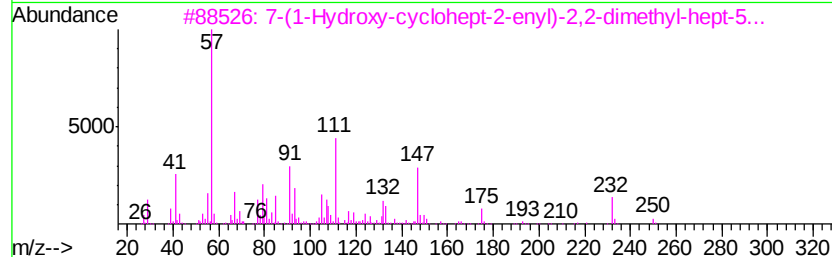
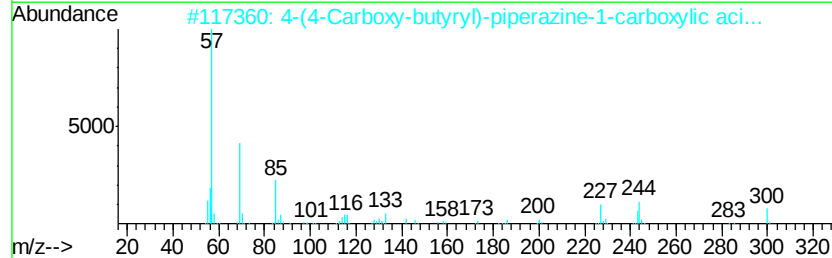
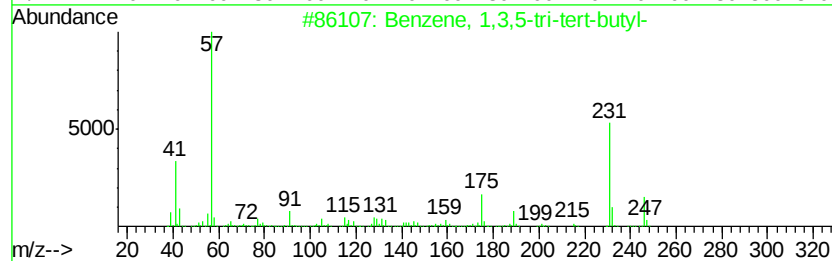
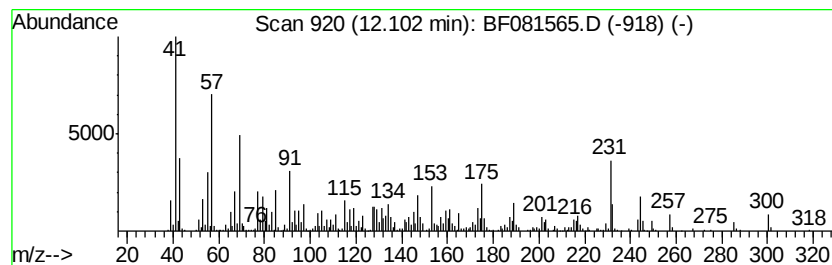
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.10 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.10	74.76 ng	1058370	Phenanthrene-d10	10.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-tri-tert-butyl-	246	C18H30	001460-02-2	22
2	4-(4-Carboxy-butyryl)-piperazine...	300	C14H24N2O5	1000286-11-7	18
3	7-(1-Hydroxy-cyclohept-2-enyl)-2...	250	C16H26O2	083040-96-4	9
4	Butane-1,1-dicarbonitrile, 1-cyc...	232	C15H24N2	1000164-79-4	9
5	Phosphorodithioic acid, S-[(tert...	288	C9H21O2PS3	013071-79-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
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Acq On : 9 Sep 2015 21:47
Operator : UM/IZ
Sample : G3540-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

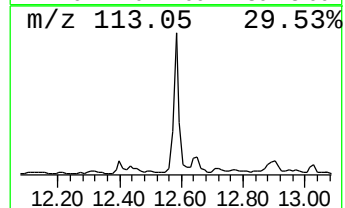
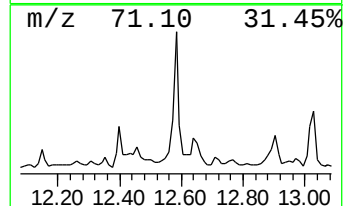
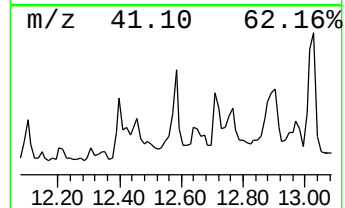
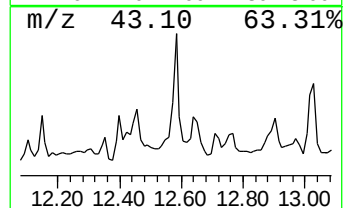
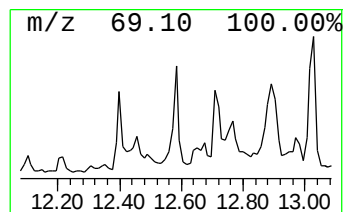
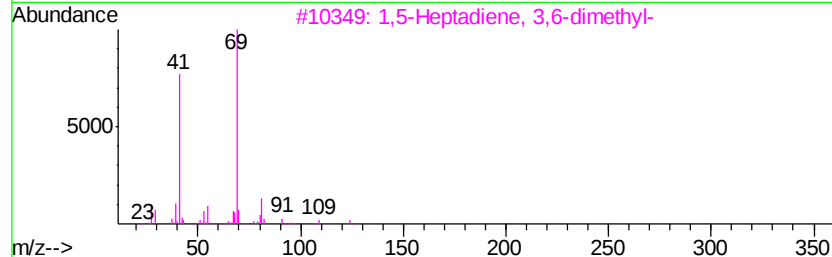
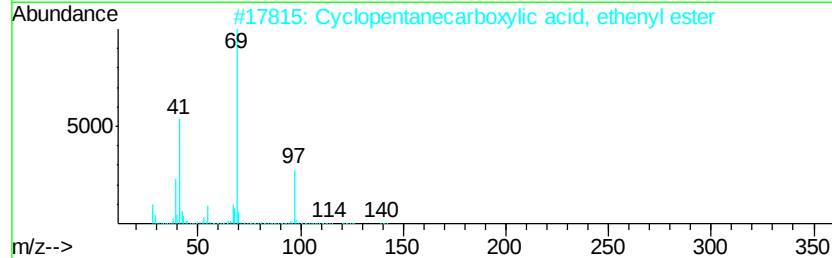
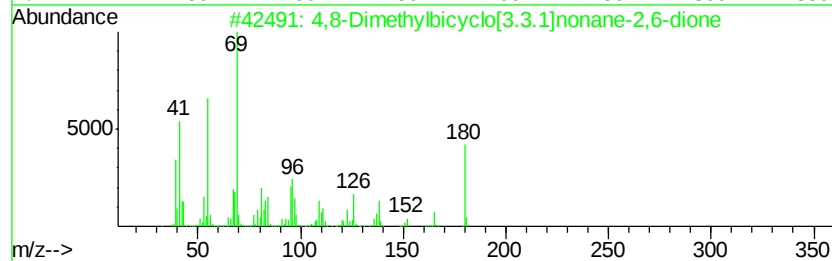
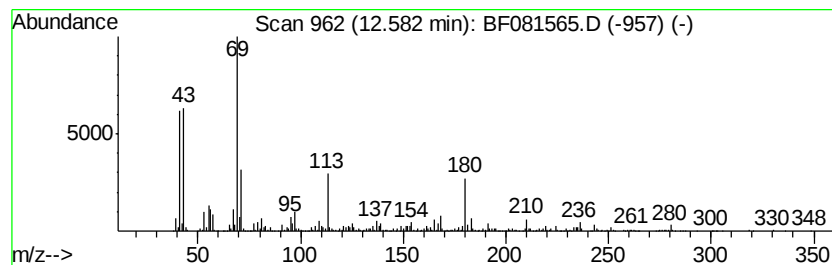
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4,8-Dimethylbicyclo[3.3.1]n... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.58	109.46 ng	2647770	Chrysene-d12	13.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8-Dimethylbicyclo[3.3.1]nonane...	180	C11H16O2	139914-54-8	50	
2	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	38	
3	1,5-Heptadiene, 3,6-dimethyl-	124	C9H16	034891-10-6	38	
4	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	38	
5	6-Methyl-3-nitro-6,7-dihydro-9H-...	222	C10H10N2O4	134076-63-4	38	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
Acq On : 9 Sep 2015 21:47
Operator : UM/IZ
Sample : G3540-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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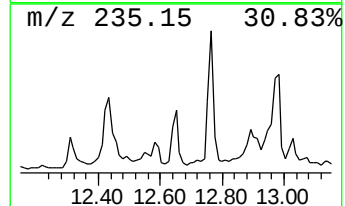
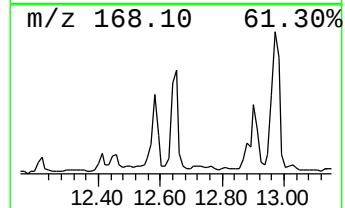
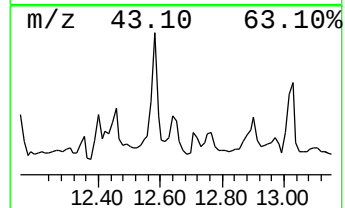
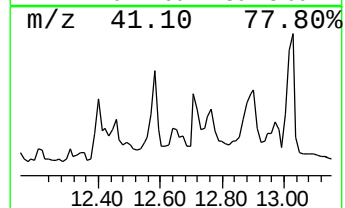
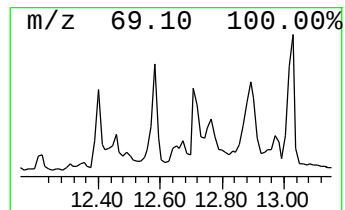
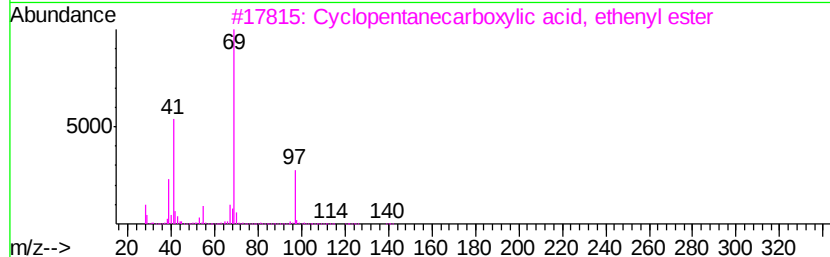
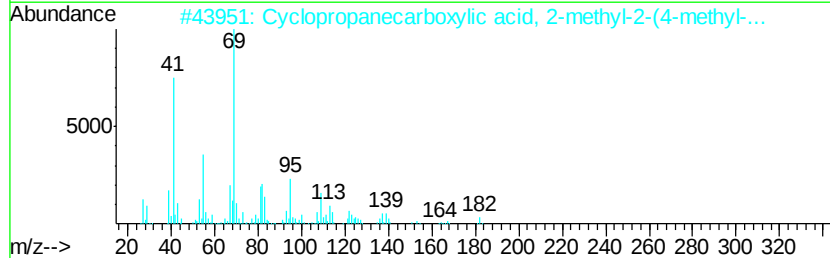
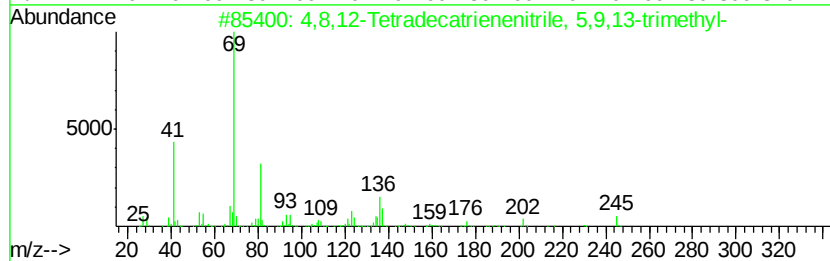
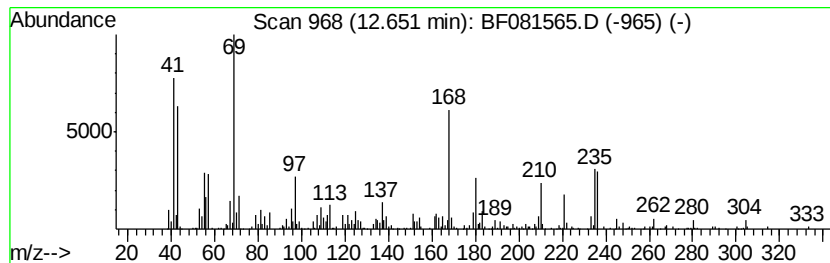
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.65 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	52.61 ng	1272640	Chrysene-d12	13.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	30		
2	Cyclopropanecarboxylic acid, 2-m...	182	C11H18O2	105875-70-5	30		
3	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	27		
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	25		
5	1,4-Hexadiene, 3,3,5-trimethyl-	124	C9H16	074753-00-7	25		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
Acq On : 9 Sep 2015 21:47
Operator : UM/IZ
Sample : G3540-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

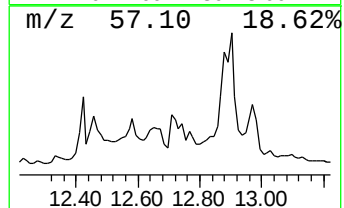
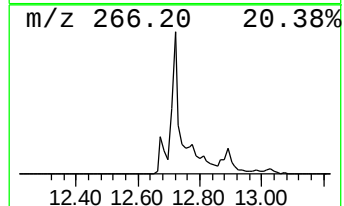
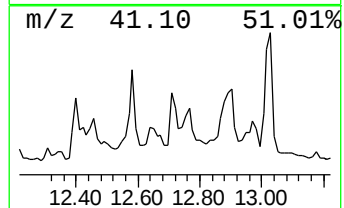
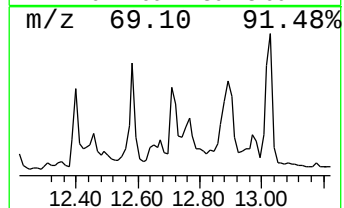
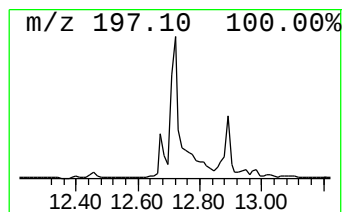
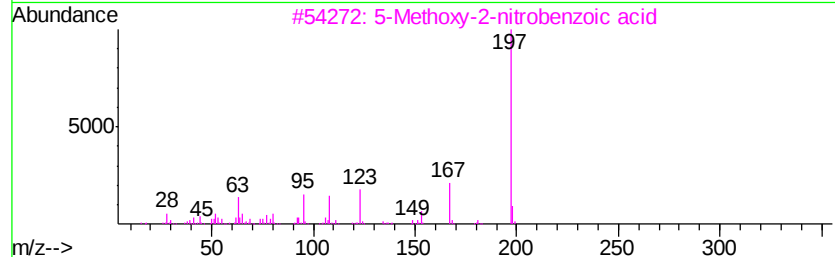
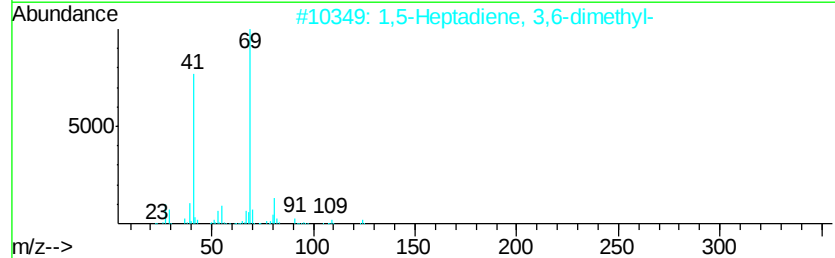
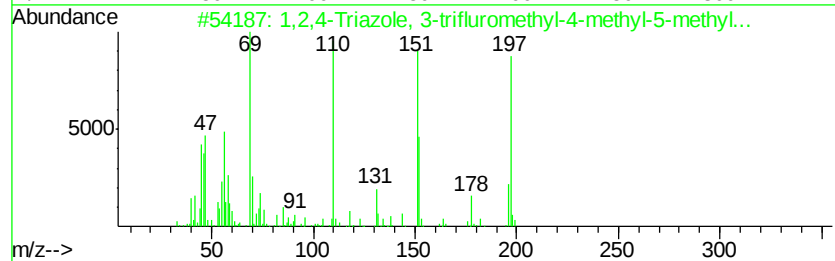
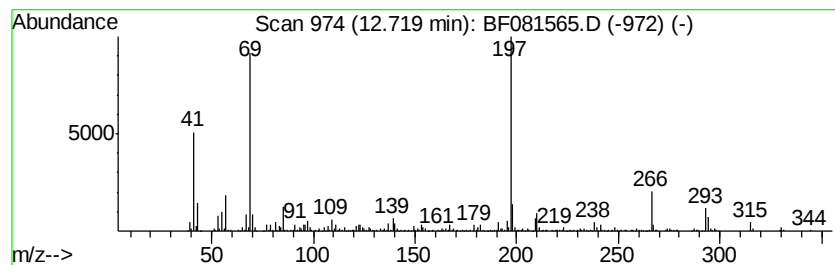
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,2,4-Triazole, 3-trifluoromethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.72	50.45 ng	1220410	Chrysene-d12	13.45		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Triazole, 3-trifluoromethyl-	197	C5H6F3N3S	054770-35-3	92	
2	1,5-Heptadiene, 3,6-dimethyl-	124	C9H16	034891-10-6	25	
3	5-Methoxy-2-nitrobenzoic acid	197	C8H7NO5	001882-69-5	25	
4	Trideca-1,7,11-triene-1,1-dicarb...	270	C18H26N2	1000161-46-0	22	
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	22	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
Acq On : 9 Sep 2015 21:47
Operator : UM/IZ
Sample : G3540-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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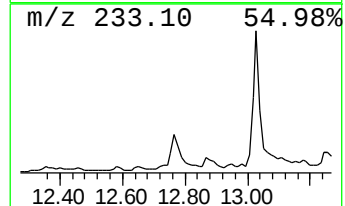
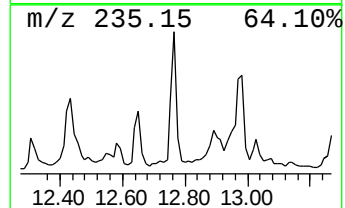
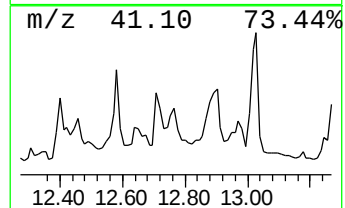
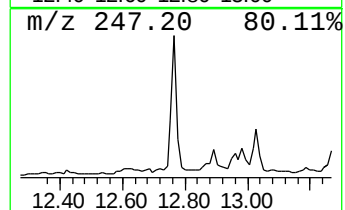
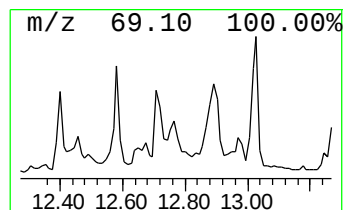
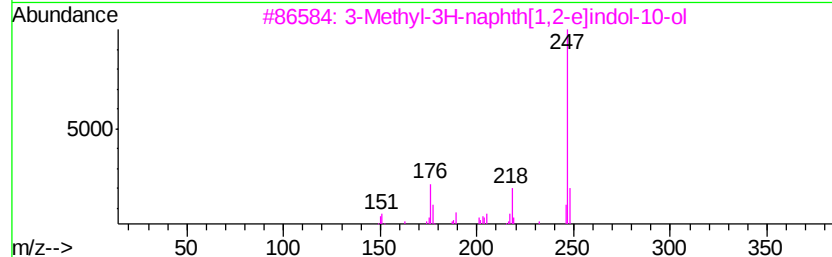
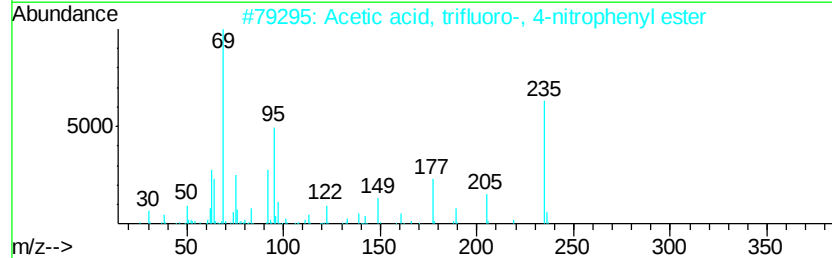
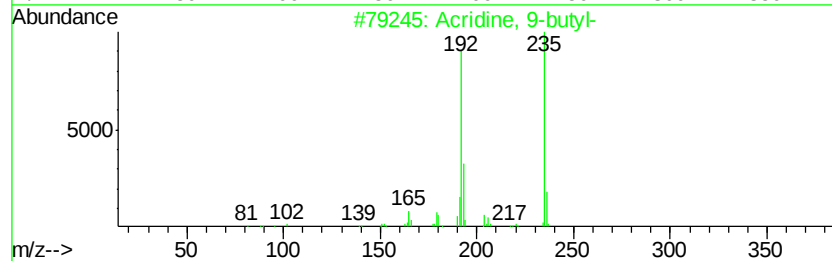
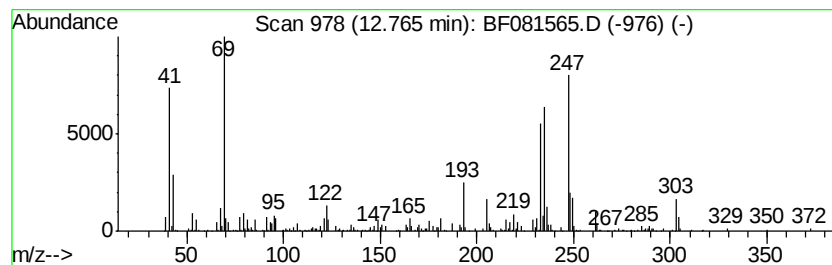
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.77 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	52.54 ng	1270880	Chrysene-d12	13.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acridine, 9-butyl-	235	C17H17N	015539-30-7	18
2		Acetic acid, trifluoro-, 4-nitro...	235	C8H4F3N04	000658-78-6	16
3		3-Methyl-3H-naphth[1,2-e]indol-1...	247	C17H13N0	098033-21-7	16
4		Cyclohexanone, 4-methyl-, (4-nit...	247	C13H17N3O2	025117-42-4	14
5		Manganese, dicarbonyl-.eta.-5-[2...	303	C15H22MnN02	1000161-33-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
Acq On : 9 Sep 2015 21:47
Operator : UM/IZ
Sample : G3540-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1507293456THRU-1507293463-CO

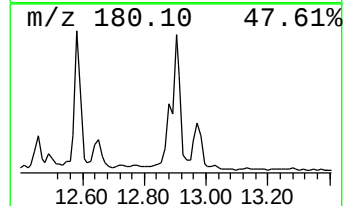
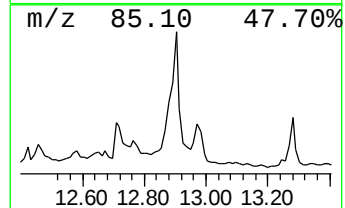
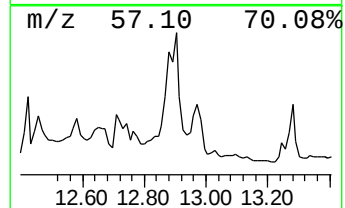
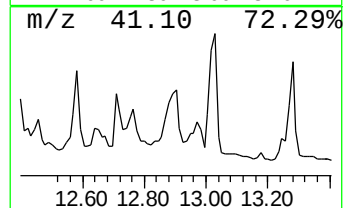
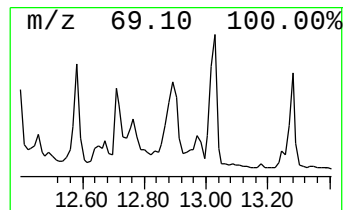
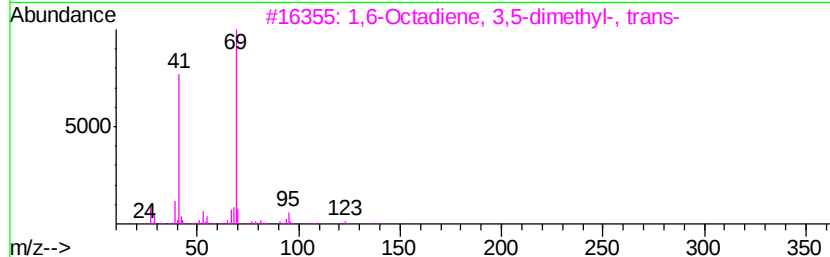
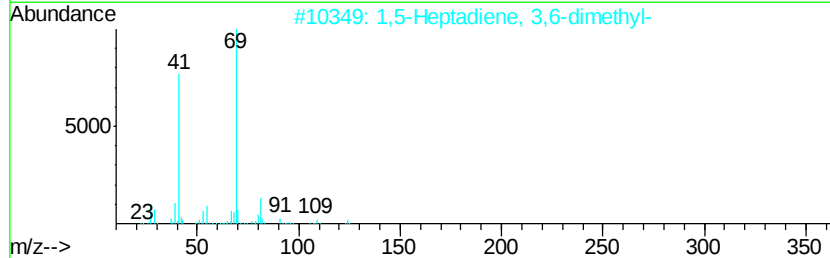
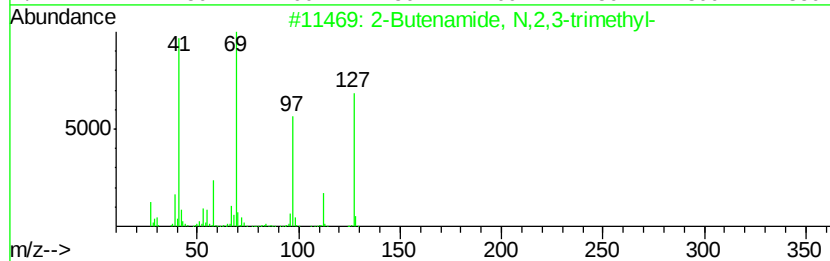
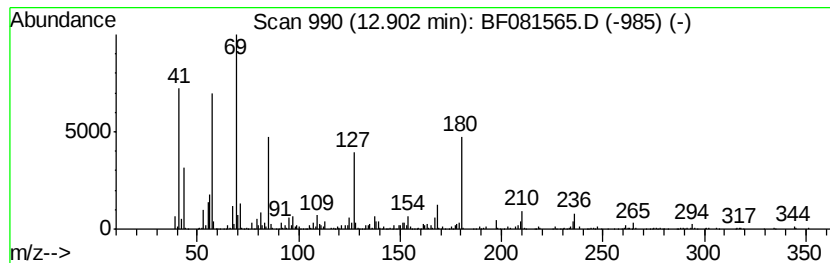
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown12.90 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	127.92 ng	3094400	Chrysene-d12	13.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butenamide, N,2,3-trimethyl-	127	C7H13NO	001186-87-4	38
2		1,5-Heptadiene, 3,6-dimethyl-	124	C9H16	034891-10-6	25
3		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	22
4		2,6-Dimethyl-2-trans-6-octadiene	138	C10H18	002609-23-6	22
5		1,6-Octadiene, 2,7-dimethyl-	138	C10H18	040195-09-3	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081565.D
Acq On : 9 Sep 2015 21:47
Operator : UM/IZ
Sample : G3540-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1507293456THRU-1507293463-CO

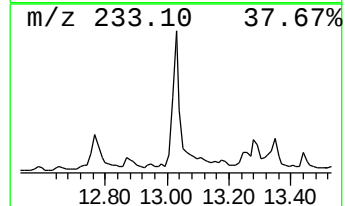
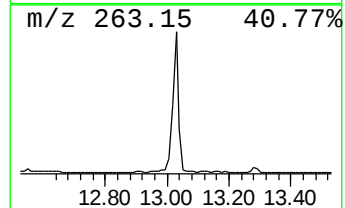
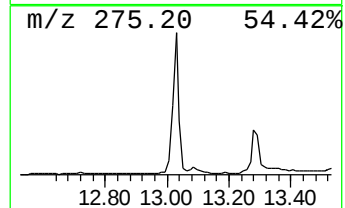
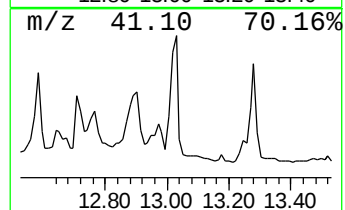
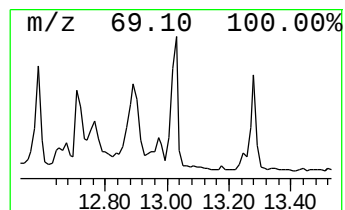
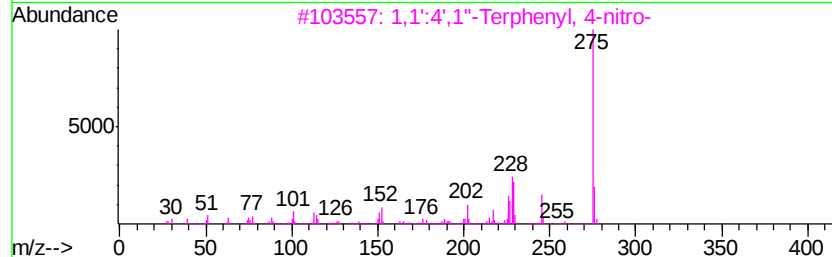
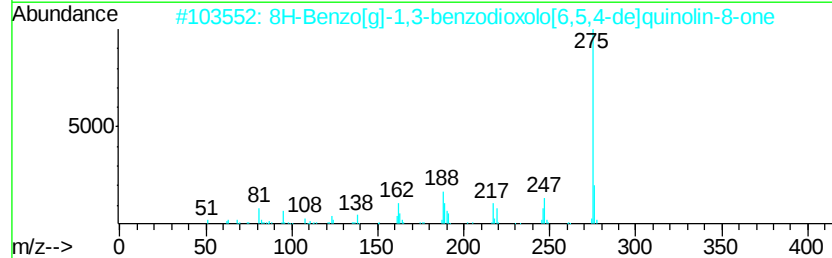
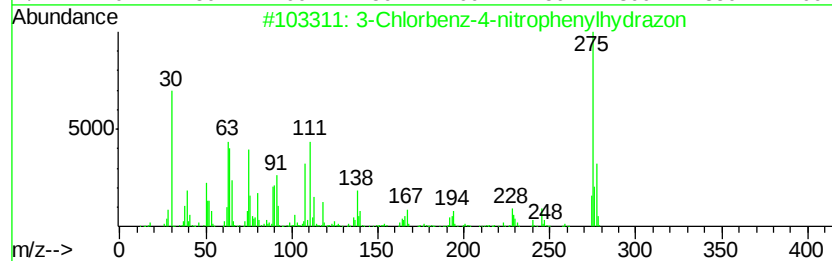
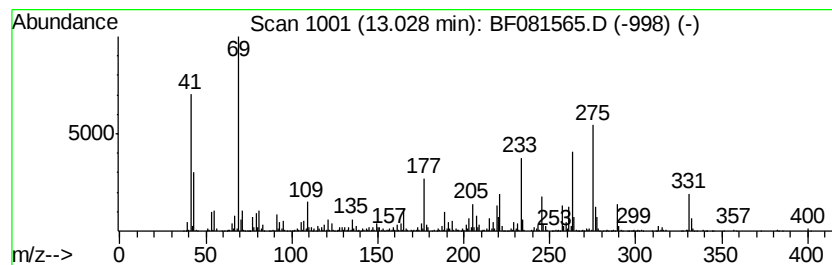
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown13.03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	139.94 ng	3385060	Chrysene-d12	13.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chlorobenz-4-nitrophenylhydrazon	275	C13H10ClN3O2	005908-26-9	25
2		8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	11
3		1,1':4',1''-Terphenyl, 4-nitro-	275	C18H13NO2	010355-53-0	11
4		Benzaldehyde, 2-hydroxy-4-diethy...	275	C12H17N7O	321530-85-2	11
5		1H-Pyrazolo[4',3':5,6]pyrido[2,3...	275	C12H13N5O3	349496-02-2	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
 Data File : BF081565.D
 Acq On : 9 Sep 2015 21:47
 Operator : UM/IZ
 Sample : G3540-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1507293456THRU-1507293463-CO

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
unknown6.84	6.84	132.1	ng	4027250	1	6.33	609742	20.0
2-Propionyl-6-met...	7.15	87.3	ng	1680120	2	7.62	384871	20.0
unknown10.39	10.39	82.7	ng	1170650	4	10.82	283127	20.0
4-Methyl-1,5-Hept...	10.66	128.8	ng	1824000	4	10.82	283127	20.0
unknown10.75	10.75	50.4	ng	713907	4	10.82	283127	20.0
2,3-Hexadiene, 2-...	11.26	51.8	ng	733734	4	10.82	283127	20.0
unknown11.60	11.60	58.5	ng	828067	4	10.82	283127	20.0
3-Cyclopenten-1-o...	11.75	130.5	ng	1847190	4	10.82	283127	20.0
unknown11.79	11.79	157.3	ng	2227270	4	10.82	283127	20.0
unknown11.93	11.93	59.9	ng	848387	4	10.82	283127	20.0
unknown12.05	12.05	95.3	ng	1349670	4	10.82	283127	20.0
unknown12.10	12.10	74.8	ng	1058370	4	10.82	283127	20.0
4,8-Dimethylbicyc...	12.58	109.5	ng	2647770	5	13.45	483791	20.0
unknown12.65	12.65	52.6	ng	1272640	5	13.45	483791	20.0
1,2,4-Triazole, 3...	12.72	50.5	ng	1220410	5	13.45	483791	20.0
unknown12.77	12.77	52.5	ng	1270880	5	13.45	483791	20.0
unknown12.90	12.90	127.9	ng	3094400	5	13.45	483791	20.0
unknown13.03	13.03	139.9	ng	3385060	5	13.45	483791	20.0