

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
 Data File : BF081566.D
 Acq On : 9 Sep 2015 22:19
 Operator : UM/IZ
 Sample : G3540-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1508043488THRU-1508043493-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	2.124	45	47	52	rBV2	38984	97948	2.28%	0.136%
2	3.233	142	144	156	rBV	68458	226295	5.26%	0.313%
3	4.582	260	262	271	rBV	191720	474465	11.03%	0.657%
4	4.833	277	284	285	rBV3	34819	124265	2.89%	0.172%
5	5.222	316	318	323	rVB	83006	123412	2.87%	0.171%
6	5.359	328	330	332	rVV	82776	129293	3.01%	0.179%
7	5.427	334	336	341	rVV2	36468	104953	2.44%	0.145%
8	5.507	341	343	350	rVB4	47538	144378	3.36%	0.200%
9	5.930	378	380	383	rVB	135358	150769	3.50%	0.209%
10	6.010	386	387	391	rBV2	93354	115983	2.70%	0.161%
11	6.102	393	395	398	rBV	1373168	1351091	31.40%	1.870%
12	6.296	405	412	413	rBV	207861	441406	10.26%	0.611%
13	6.319	413	414	417	rBV2	496331	703401	16.35%	0.973%
14	6.387	417	420	421	rBV	144663	250310	5.82%	0.346%
15	6.410	421	422	423	rBV	131043	140844	3.27%	0.195%
16	6.490	425	429	431	rBV2	364921	975675	22.68%	1.350%
17	6.993	469	473	476	rVV	676003	684460	15.91%	0.947%
18	7.062	478	479	482	rBV3	124557	202058	4.70%	0.280%
19	7.153	484	487	497	rVB	835033	1856373	43.15%	2.569%
20	7.473	510	515	516	rVV	140056	282173	6.56%	0.391%
21	7.622	526	528	530	rVB	483565	414193	9.63%	0.573%
22	7.656	530	531	535	rVB3	58286	111813	2.60%	0.155%
23	7.793	541	543	544	rBV2	150952	239410	5.56%	0.331%
24	7.828	544	546	547	rVV	335859	362801	8.43%	0.502%
25	7.862	547	549	551	rVV	79339	101208	2.35%	0.140%
26	7.988	558	560	561	rBV	86055	146066	3.40%	0.202%
27	8.022	561	563	565	rVB2	132108	168426	3.91%	0.233%
28	8.171	574	576	579	rBV2	122505	142664	3.32%	0.197%
29	8.296	582	587	589	rBV2	349913	668607	15.54%	0.925%
30	8.365	591	593	599	rVB2	191390	458421	10.66%	0.634%
31	8.468	599	602	603	rBV2	72825	103421	2.40%	0.143%
32	8.502	603	605	608	rVB	83063	109303	2.54%	0.151%
33	8.593	608	613	614	rBV	165314	273133	6.35%	0.378%
34	8.708	619	623	624	rBV2	142552	243458	5.66%	0.337%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.856	632	636	642	rBV2	350137	604199	14.04%	0.836%
36	9.028	649	651	655	rBV	484959	485194	11.28%	0.671%
37	9.119	658	659	661	rVB2	172848	147707	3.43%	0.204%
38	9.222	665	668	670	rBV	1289417	1190058	27.66%	1.647%
39	9.325	675	677	679	rBV2	198992	403291	9.37%	0.558%
40	9.371	679	681	684	rVV3	414967	799222	18.58%	1.106%
41	9.451	684	688	695	rVB2	368496	1164765	27.07%	1.612%
42	9.599	699	701	703	rVB	119249	172359	4.01%	0.239%
43	9.828	719	721	722	rBV	91690	108066	2.51%	0.150%
44	9.919	727	729	732	rBV3	59139	113072	2.63%	0.156%
45	10.011	735	737	740	rBV2	66862	132156	3.07%	0.183%
46	10.114	744	746	747	rBV	90672	147415	3.43%	0.204%
47	10.136	747	748	751	rVB	193623	224003	5.21%	0.310%
48	10.182	751	752	754	rBV2	84950	120656	2.80%	0.167%
49	10.228	754	756	761	rVB2	170072	287999	6.69%	0.399%
50	10.308	761	763	765	rVB3	65820	103379	2.40%	0.143%
51	10.388	768	770	772	rVB	768014	807133	18.76%	1.117%
52	10.445	772	775	776	rBV2	103483	154341	3.59%	0.214%
53	10.479	776	778	781	rVB2	68536	99443	2.31%	0.138%
54	10.559	781	785	786	rBV	378046	787735	18.31%	1.090%
55	10.582	786	787	791	rVB2	115448	183319	4.26%	0.254%
56	10.662	791	794	797	rVB	928534	1541596	35.83%	2.134%
57	10.742	799	801	803	rBV3	382906	680167	15.81%	0.941%
58	10.788	803	805	807	rVB	1435493	1401188	32.57%	1.939%
59	10.822	807	808	813	rVB	323135	440031	10.23%	0.609%
60	10.925	813	817	818	rBV3	58211	115398	2.68%	0.160%
61	10.971	820	821	824	rVB	123488	157285	3.66%	0.218%
62	11.085	824	831	832	rBV2	1676956	2279538	52.98%	3.155%
63	11.131	832	835	838	rBV3	146412	298545	6.94%	0.413%
64	11.177	838	839	841	rVB	321143	385596	8.96%	0.534%
65	11.268	841	847	848	rBV	1227260	2623366	60.98%	3.631%
66	11.371	854	856	857	rBV	334199	331370	7.70%	0.459%
67	11.405	857	859	864	rVB2	2532240	3044674	70.77%	4.214%
68	11.519	864	869	873	rBV3	144610	414686	9.64%	0.574%
69	11.599	873	876	878	rBV	814348	878214	20.41%	1.215%
70	11.668	880	882	884	rBV2	108902	185550	4.31%	0.257%
71	11.748	884	889	891	rBV	1671992	2749075	63.90%	3.805%

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72	11.805	891	894	896	rVV	2905665	3960603	92.06%	5.481%
73	11.885	899	901	902	rBV	97381	145256	3.38%	0.201%
74	11.931	902	905	907	rVB	496237	814791	18.94%	1.128%
75	11.988	907	910	912	rBV2	277734	510983	11.88%	0.707%
76	12.045	912	915	918	rVV	744076	1064970	24.75%	1.474%
77	12.114	918	921	923	rVV	1465374	1968798	45.76%	2.725%
78	12.159	923	925	927	rVV	482273	640644	14.89%	0.887%
79	12.217	928	930	933	rVV3	174489	438541	10.19%	0.607%
80	12.308	936	938	940	rVV3	179110	329129	7.65%	0.456%
81	12.342	940	941	944	rVB2	244522	275014	6.39%	0.381%
82	12.422	944	948	949	rBV2	1032401	1655766	38.49%	2.292%
83	12.457	949	951	956	rVV2	1009943	2423480	56.33%	3.354%
84	12.582	960	962	964	rVV	857203	1607244	37.36%	2.224%
85	12.640	965	967	972	rVV2	739430	1525018	35.45%	2.111%
86	12.731	972	975	976	rVV2	325031	700583	16.28%	0.970%
87	12.765	976	978	983	rVV2	547352	1128464	26.23%	1.562%
88	12.845	983	985	987	rVV	292871	545297	12.67%	0.755%
89	12.880	987	988	992	rVV2	456441	1181910	27.47%	1.636%
90	12.971	992	996	998	rVV3	607855	1589175	36.94%	2.199%
91	13.028	998	1001	1004	rVV	2723927	4302262	100.00%	5.954%
92	13.097	1005	1007	1013	rVB3	343631	895832	20.82%	1.240%
93	13.280	1018	1023	1026	rVV	1884026	3771790	87.67%	5.220%
94	13.348	1027	1029	1035	rVV2	334753	1023727	23.80%	1.417%
95	13.440	1035	1037	1039	rVV	447246	671593	15.61%	0.929%
96	13.520	1043	1044	1050	rVV2	226111	420606	9.78%	0.582%
97	13.622	1052	1053	1055	rVB2	97511	121418	2.82%	0.168%
98	13.874	1071	1075	1076	rBV3	53070	142392	3.31%	0.197%
99	13.908	1076	1078	1080	rVV	228045	246162	5.72%	0.341%
100	14.743	1148	1151	1153	rBV	247835	270702	6.29%	0.375%

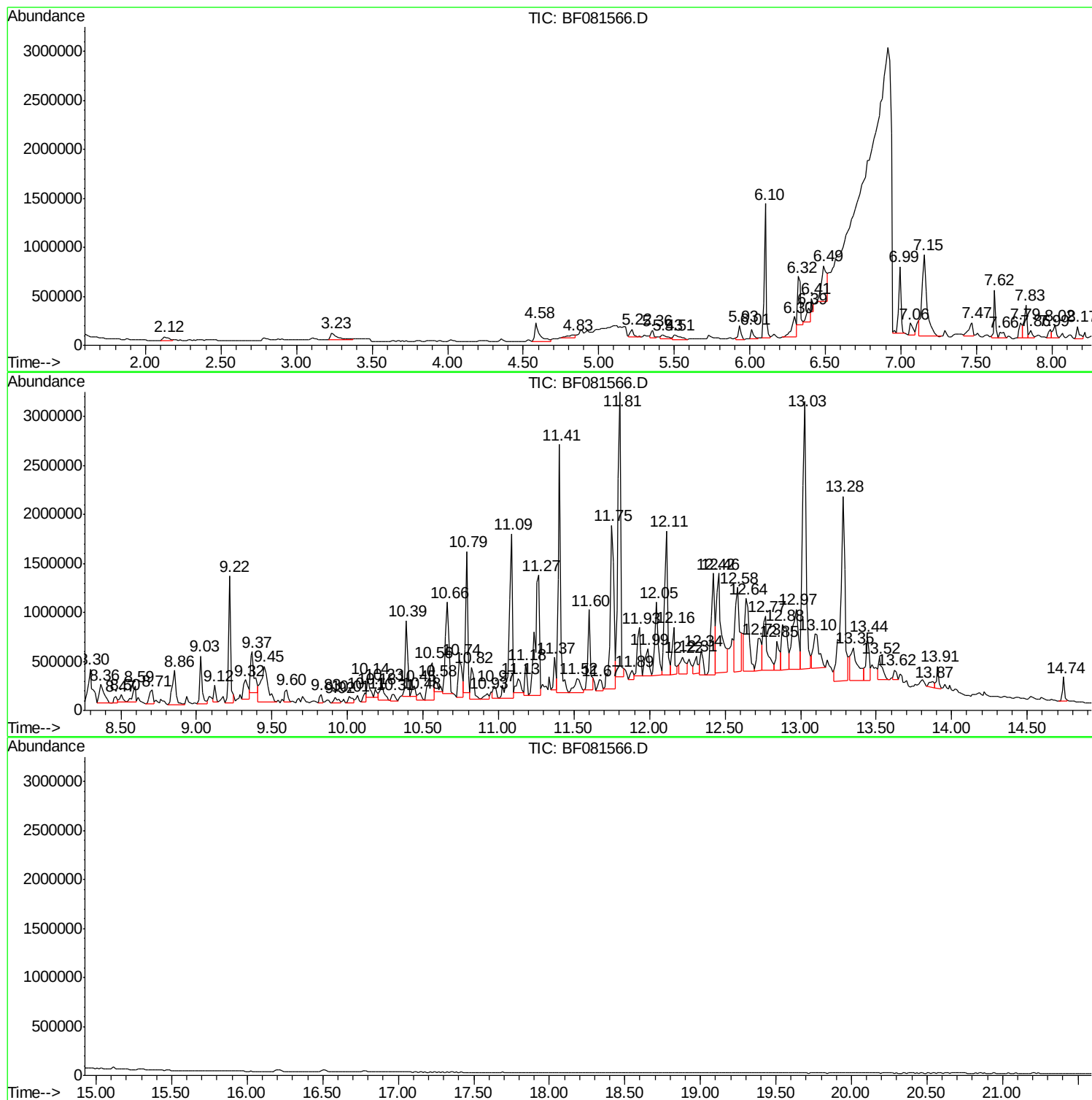
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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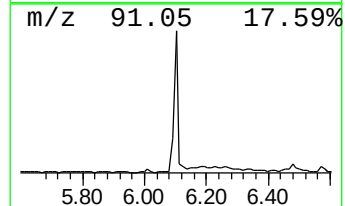
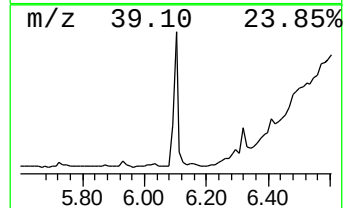
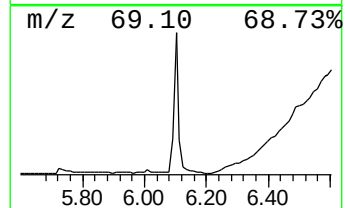
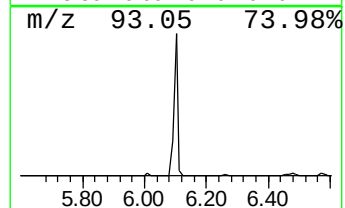
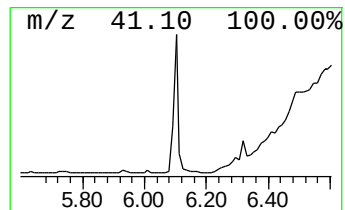
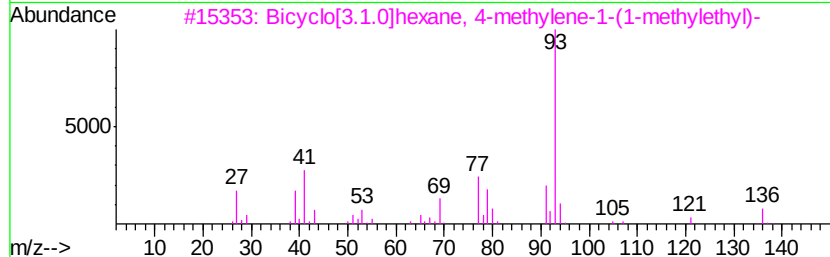
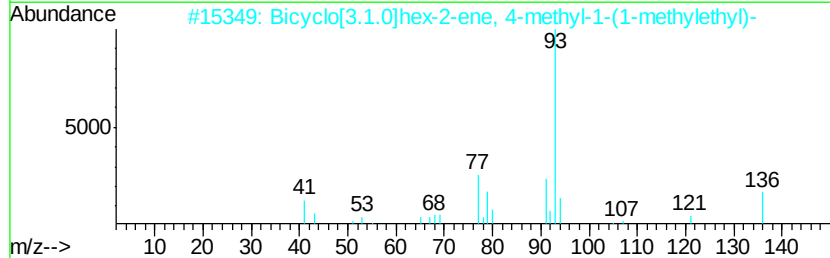
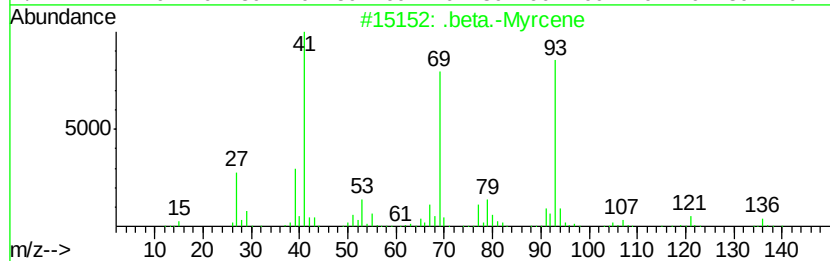
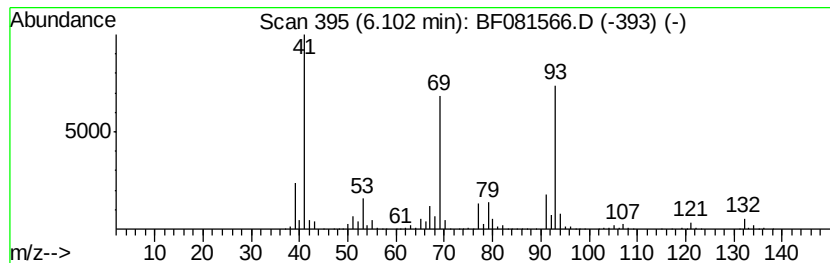
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 .beta.-Myrcene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.10	38.42 ng	1351090	1,4-Dichlorobenzene-d4	6.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Myrcene	136	C10H16	000123-35-3	78
2		Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	78
3		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	64
4		Pyridine, 2-propyl-	121	C8H11N	000622-39-9	64
5		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	56



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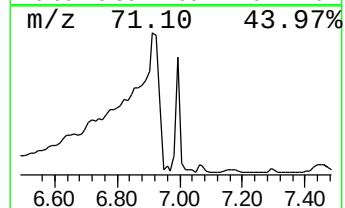
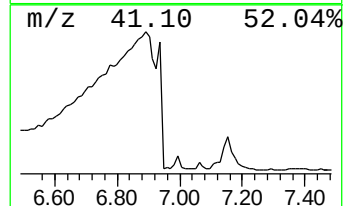
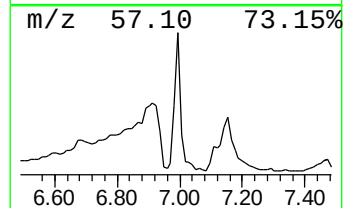
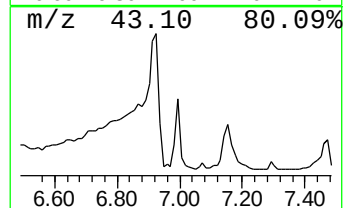
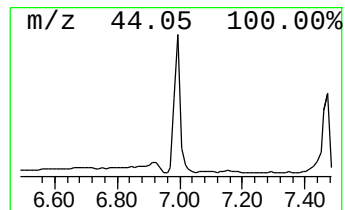
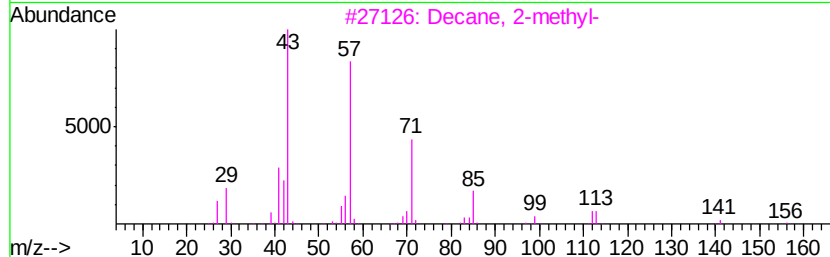
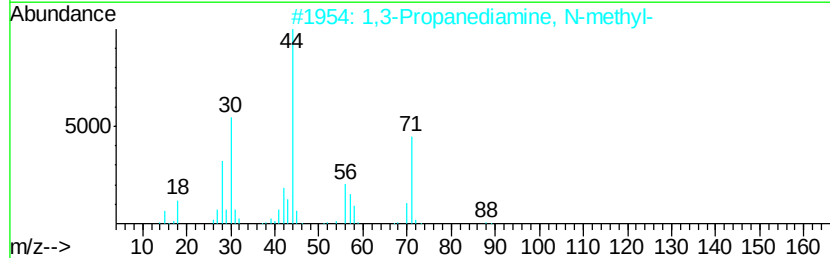
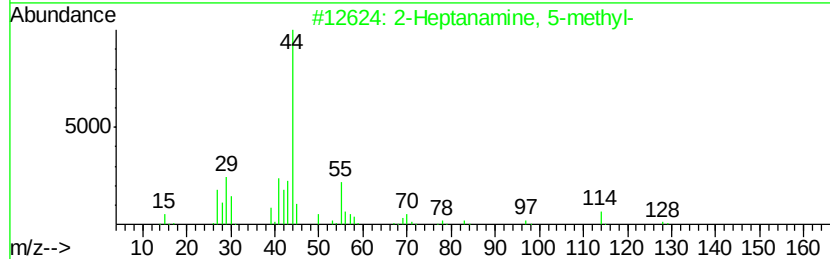
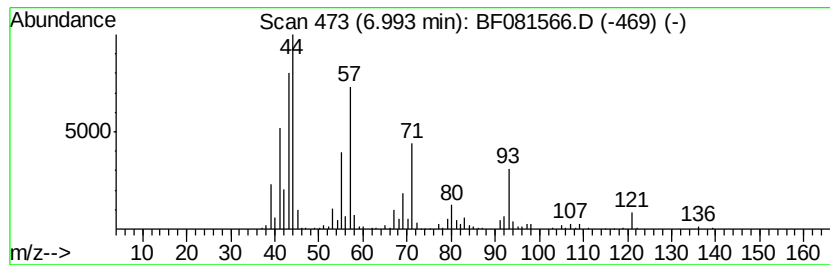
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.99 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	33.05 ng	684460	Napthalene-d8	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptanamine, 5-methyl-	129	C8H19N	053907-81-6	38
2		1,3-Propanediamine, N-methyl-	88	C4H12N2	006291-84-5	36
3		Decane, 2-methyl-	156	C11H24	006975-98-0	27
4		l-Guanidinosuccinimide	141	C5H7N3O2	1000130-20-8	25
5		Isopropylamine hydrochloride	59	C3H9N	015572-56-2	25



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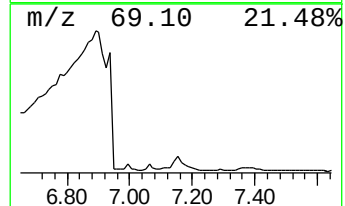
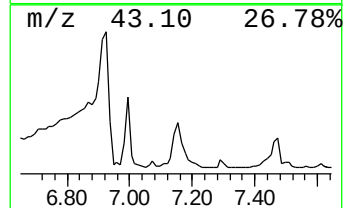
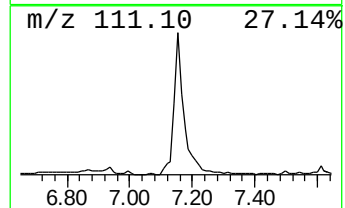
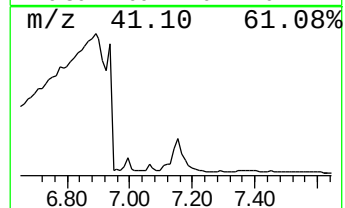
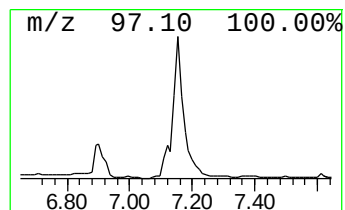
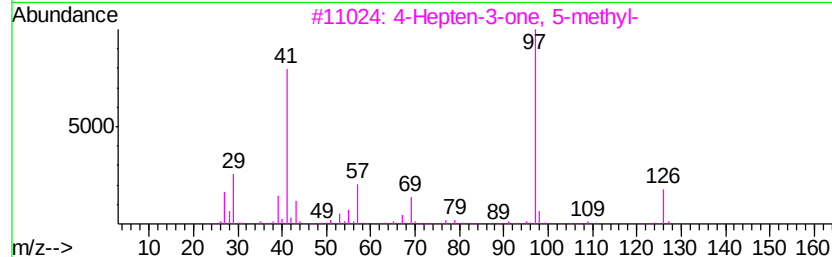
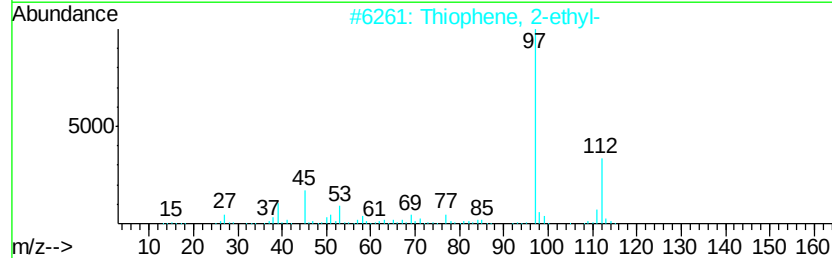
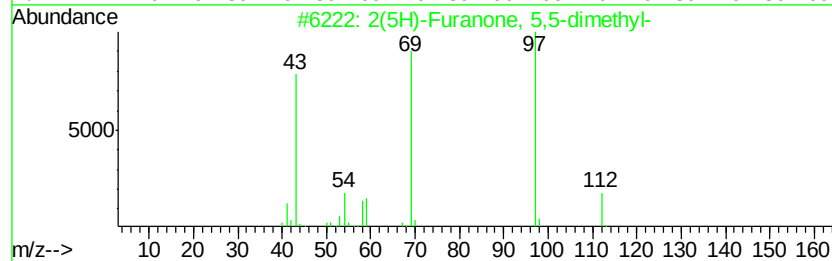
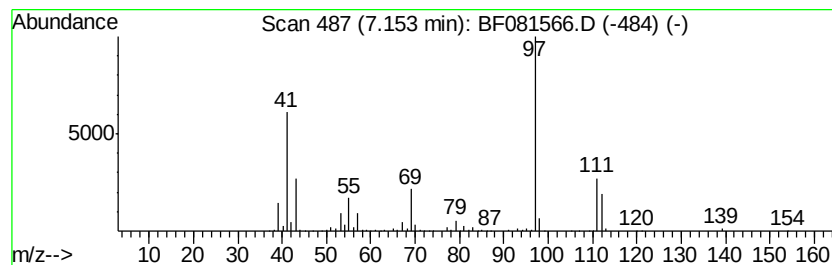
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Peak Number 3 2(5H)-Furanone, 5,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	89.64 ng	1856370	Naphthalene-d8	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	64
2	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	59
3	4-Hepten-3-one, 5-methyl-	126	C8H14O	001447-26-3	47
4	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	45
5	Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
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Operator : UM/IZ
Sample : G3540-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

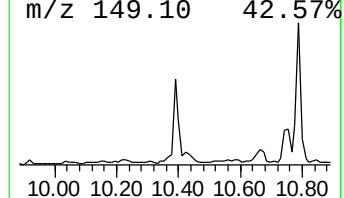
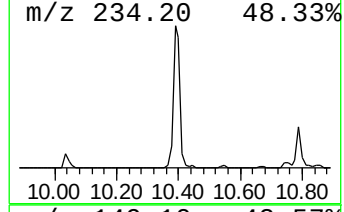
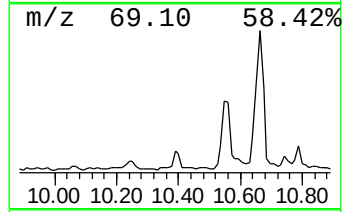
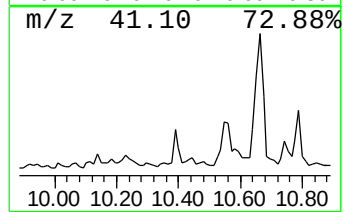
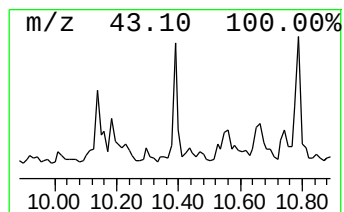
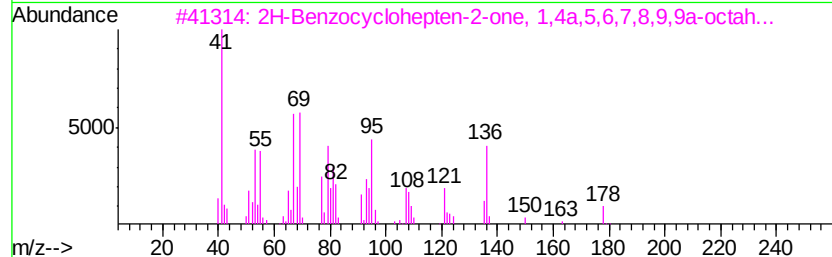
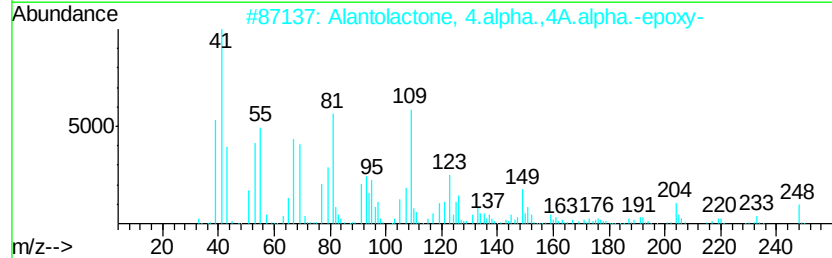
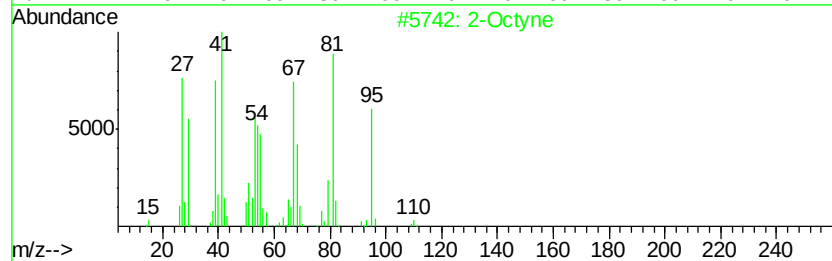
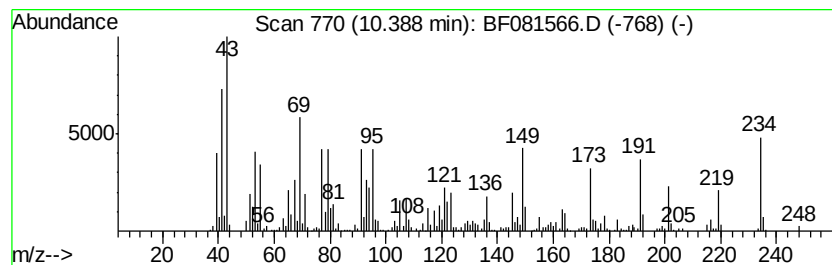
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown10.39 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.39	36.69 ng	807133	Phenanthrene-d10	10.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octyne	110	C8H14	002809-67-8	32
2	Alantolactone, 4.alpha.,4A.alpha...	248	C15H20O3	065563-75-9	32
3	2H-Benzocyclohepten-2-one, 1,4a,...	178	C12H18O	017429-26-4	32
4	Bicyclo[6.1.0]nonane, 9-(1-methy...	164	C12H20	056666-90-1	28
5	2,3-Hexadiene, 2-methyl-	96	C7H12	029212-09-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
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Misc :
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Instrument :
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ClientSampleId :
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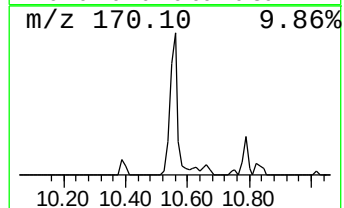
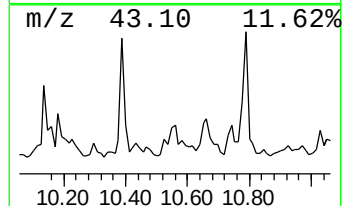
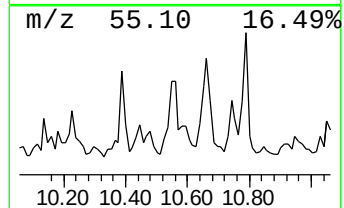
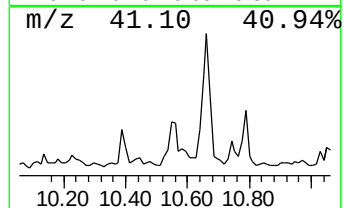
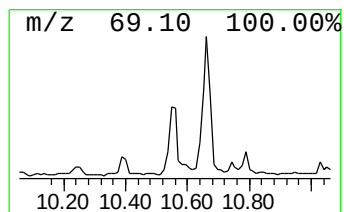
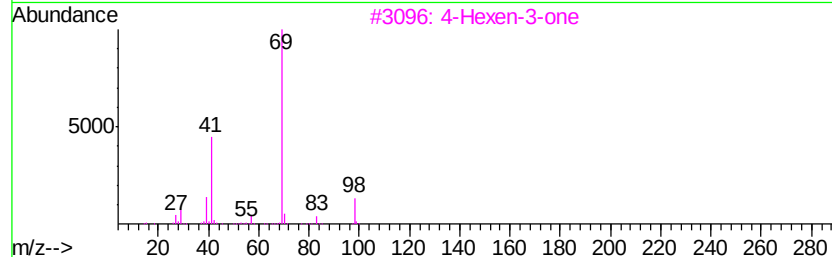
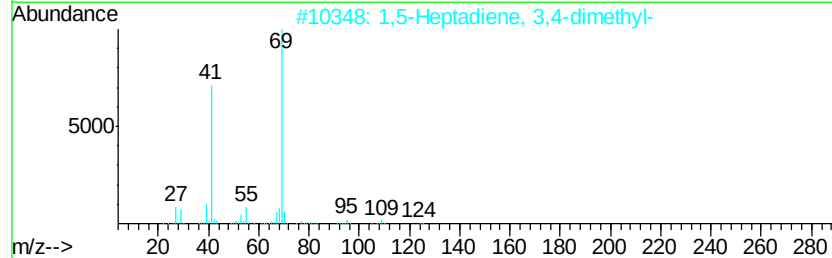
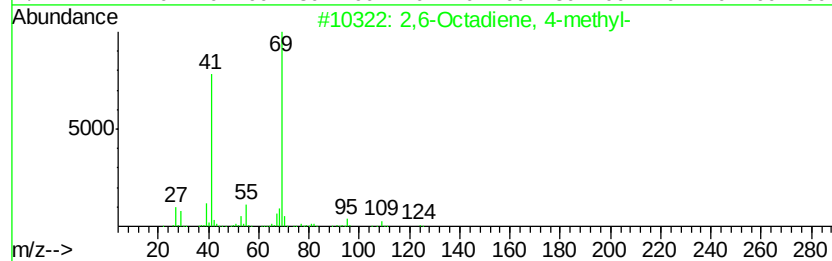
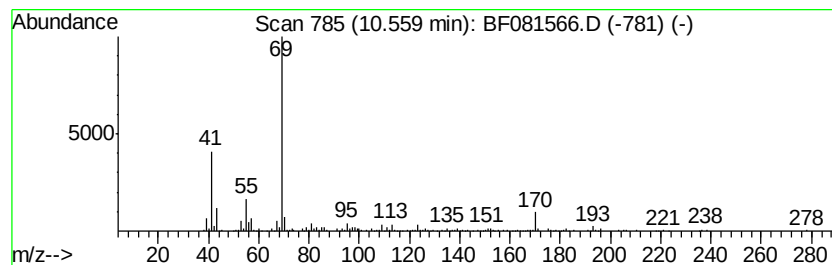
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2,6-Octadiene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	35.80 ng	787735	Phenanthrene-d10	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	64
2		1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	53
3		4-Hexen-3-one	98	C6H10O	002497-21-4	52
4		2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	50
5		(Butylamino)acetonitrile	112	C6H12N2	003010-04-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
Sample : G3540-02
Misc :
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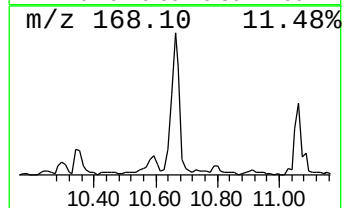
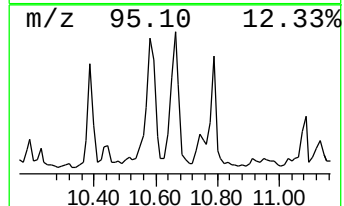
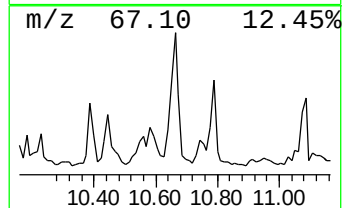
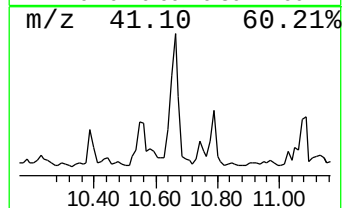
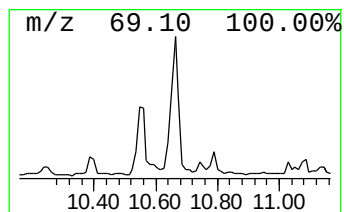
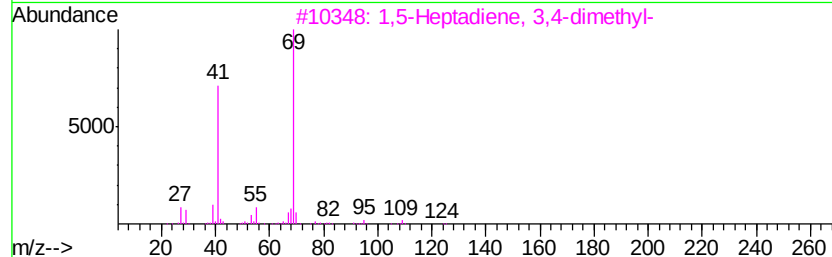
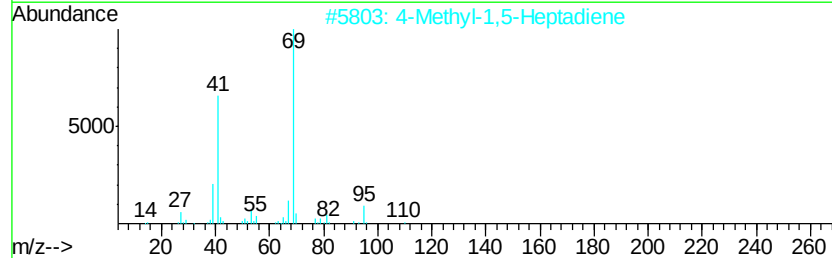
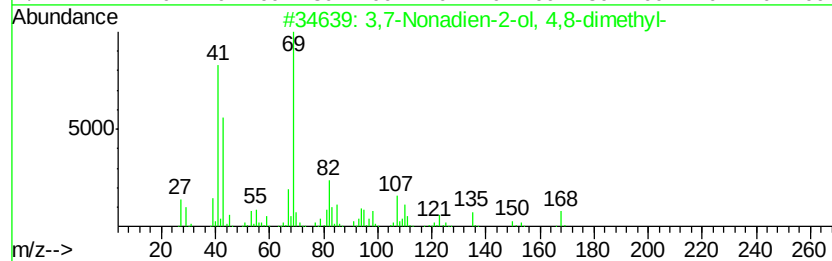
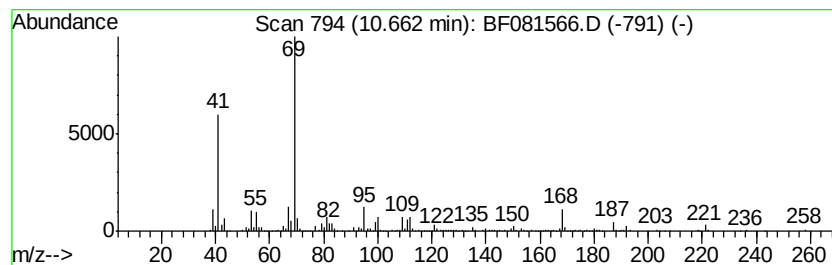
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3,7-Nonadien-2-ol, 4,8-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	70.07 ng	1541600	Phenanthrene-d10	10.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Nonadien-2-ol, 4,8-dimethyl-	168	C11H20O	067845-50-5	53
2	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	52
3	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	50
4	1,2,4-Trithiolane, 3,5-bis(1,1-d...	236	C10H20S3	054833-18-0	49
5	1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
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Misc :
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Instrument :
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ClientSampleId :
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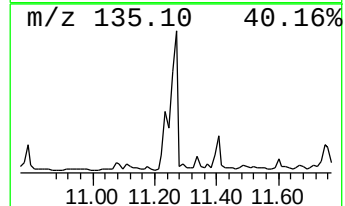
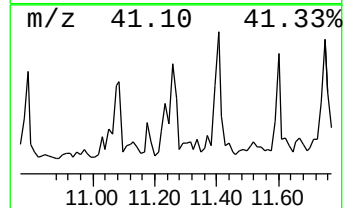
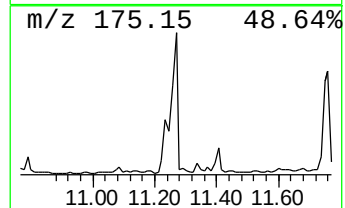
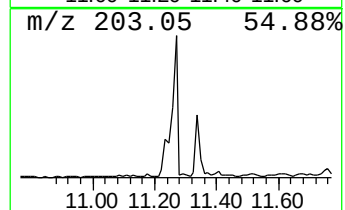
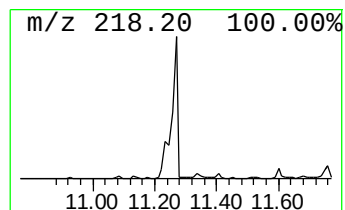
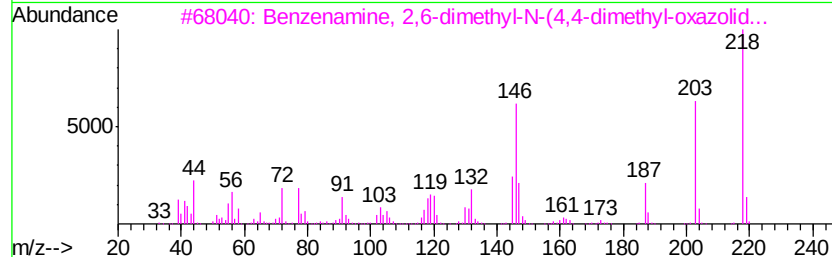
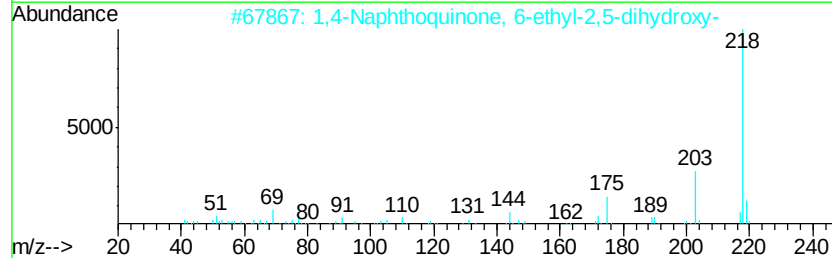
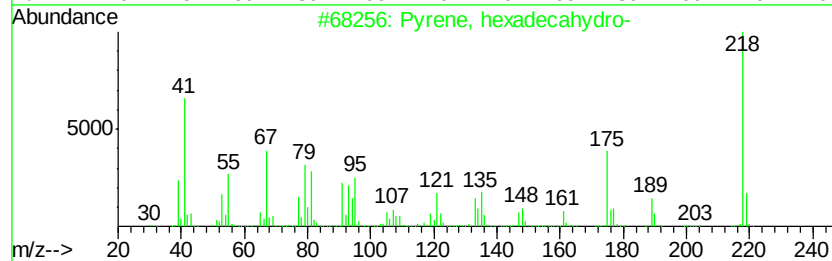
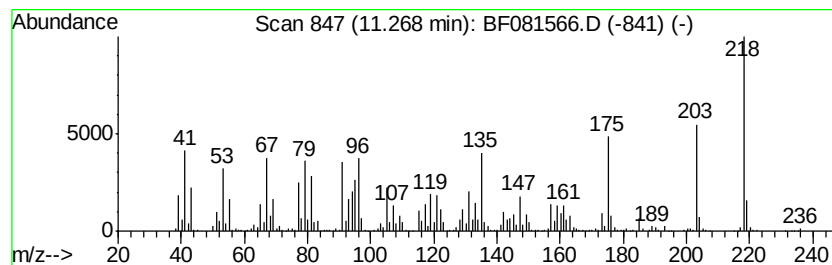
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, hexadecahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	119.24 ng	2623370	Phenanthrene-d10	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	55
2		1,4-Naphthoquinone, 6-ethyl-2,5-...	218	C12H10O4	013378-87-5	46
3		Benzenamine, 2,6-dimethyl-N-(4,4...	218	C13H18N2O	281211-68-5	41
4		8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	41
5		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
Sample : G3540-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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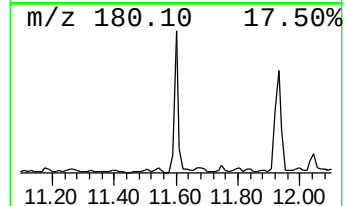
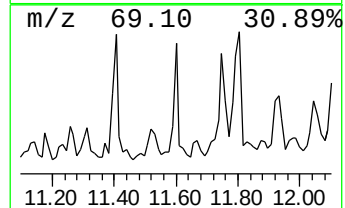
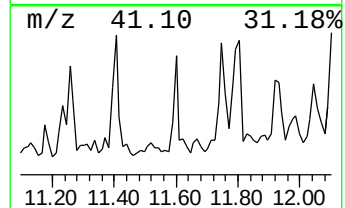
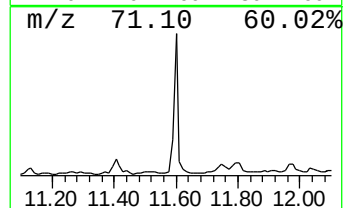
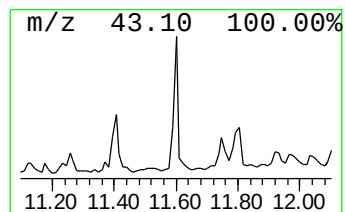
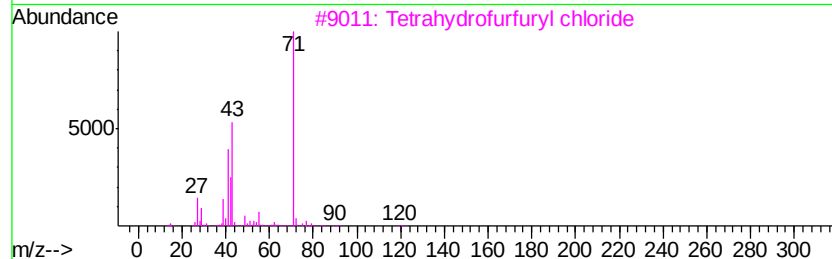
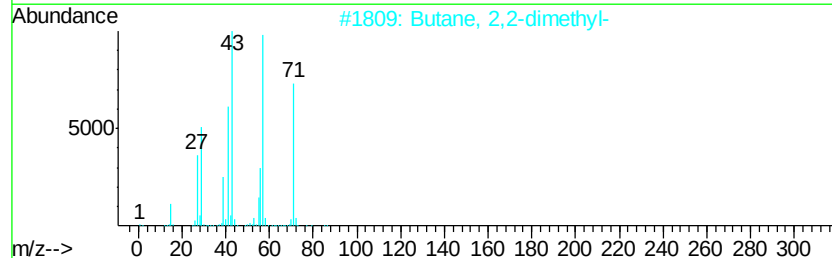
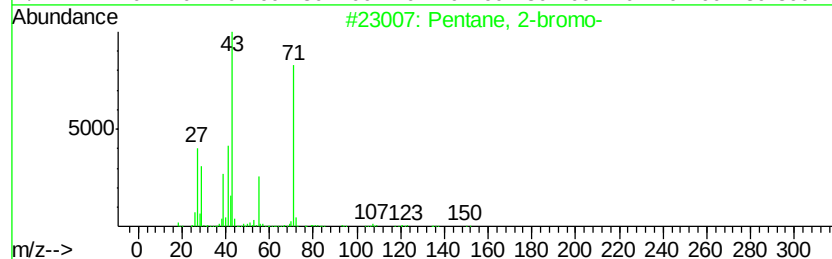
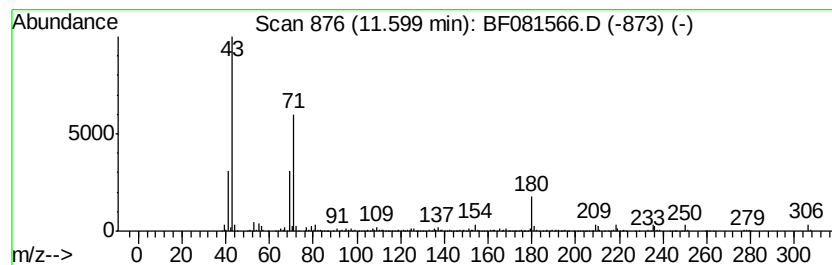
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.60 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	39.92 ng	878214	Phenanthrene-d10	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	43
2		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	33
3		Tetrahydrofurfuryl chloride	120	C5H9ClO	003003-84-7	32
4		Pentane, 3-bromo-	150	C5H11Br	001809-10-5	25
5		3-Cyclopentylpropionic acid, 2-t...	226	C13H22O3	1000293-46-9	25



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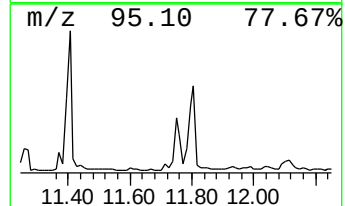
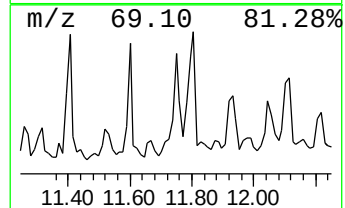
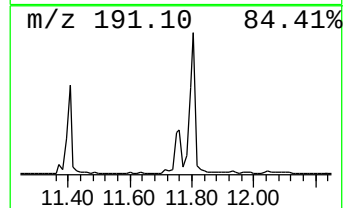
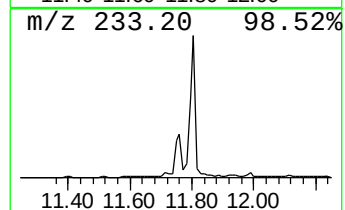
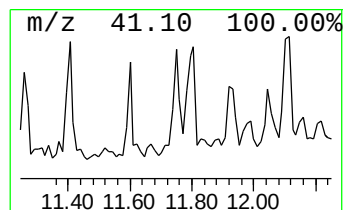
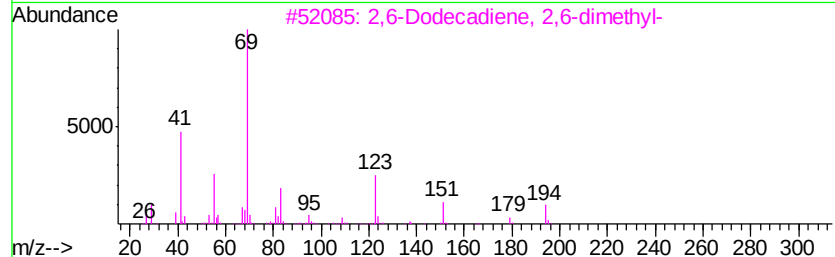
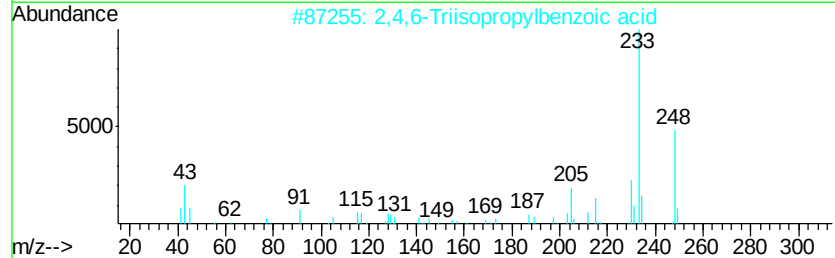
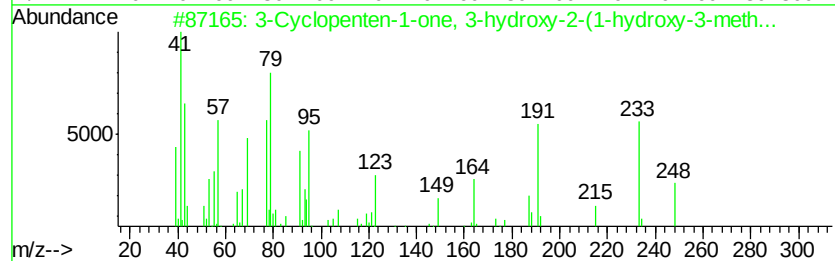
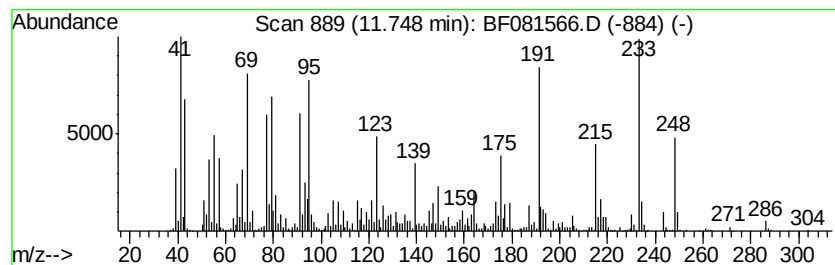
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Cyclopenten-1-one, 3-hydr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.75	124.95 ng	2749080	Phenanthrene-d10	10.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclopenten-1-one, 3-hydroxy-2...	248	C15H20O3	038574-23-1	70	
2	2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	35	
3	2,6-Dodecadiene, 2,6-dimethyl-	194	C14H26	1000164-67-6	15	
4	N1-(4,4-Dimethyl-1,3-thiazolan-2...	248	C14H20N2S	284665-76-5	15	
5	Benzofurane-2-carboxylic acid, 3...	233	C12H11NO4	054802-08-3	14	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
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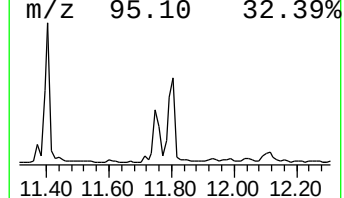
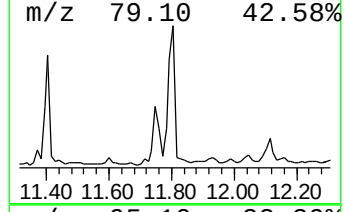
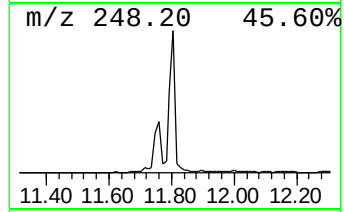
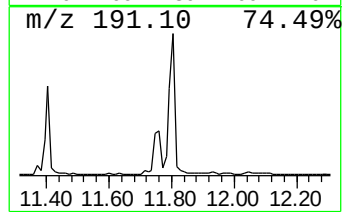
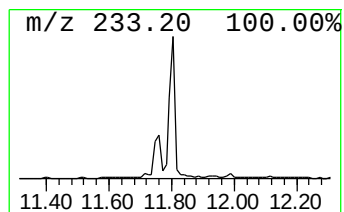
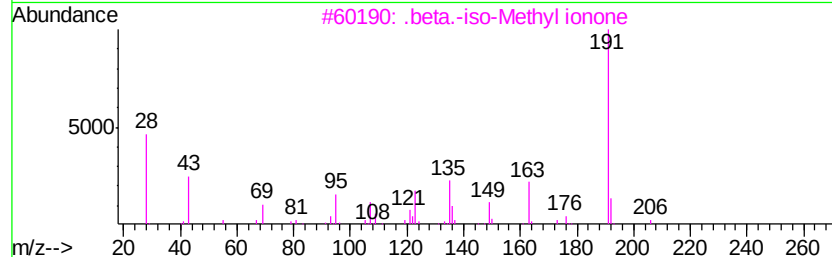
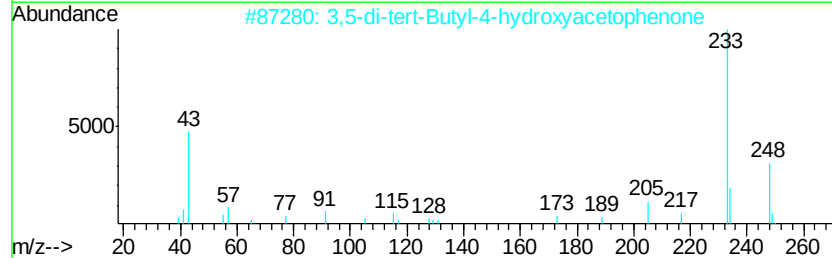
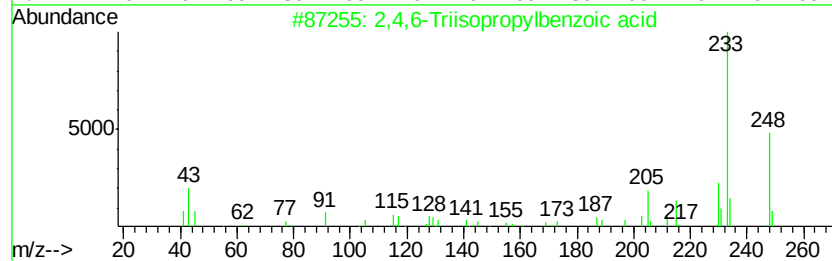
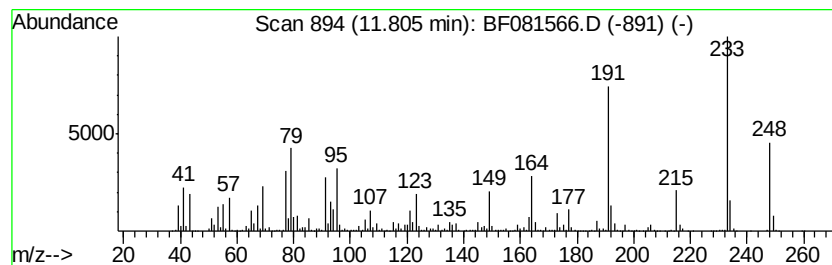
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.81 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	180.02 ng	3960600	Phenanthrene-d10	10.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	38		
2	3,5-di-tert-Butyl-4-hydroxyaceto...	248	C16H24O2	014035-33-7	25		
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	22		
4	Amiphenazole	191	C9H9N3S	000490-55-1	22		
5	Phenanthro[9,10-d]oxazole, 2-met...	233	C16H11NO	021639-88-3	22		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
Sample : G3540-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

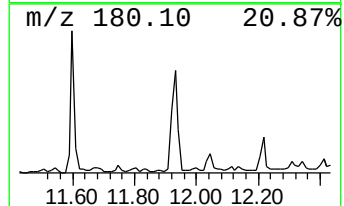
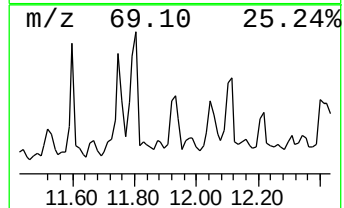
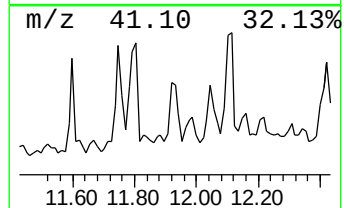
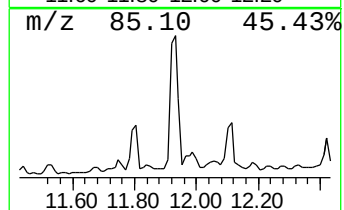
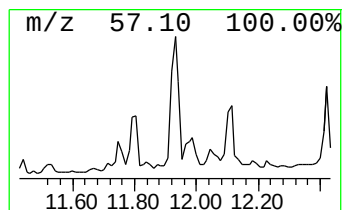
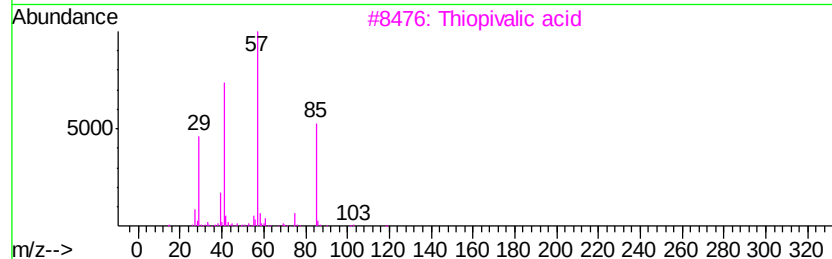
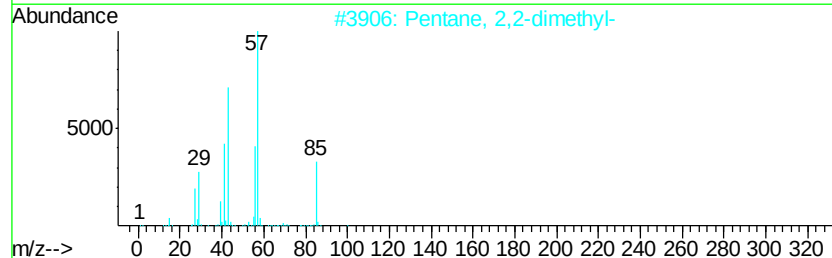
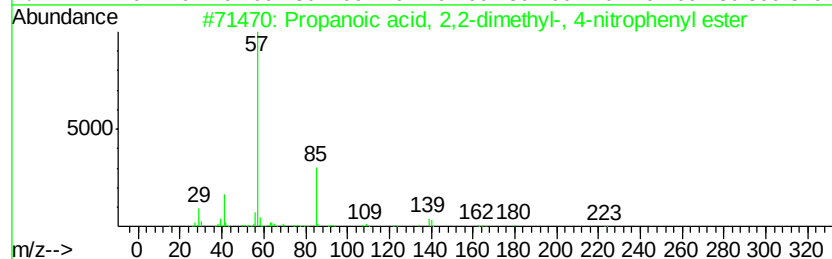
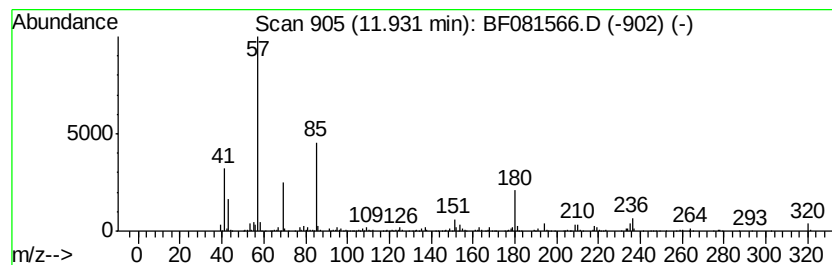
Instrument :
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ClientSampleId :
1508043488THRU-1508043493-CO

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 unknown11.93 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	37.03 ng	814791	Phenanthrene-d10	10.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-, 4...	223	C11H13NO4	004195-17-9	37
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	25
3	Thiopivalic acid	118	C5H10OS	055561-02-9	25
4	2,2-Dimethyl-3-heptanone	142	C9H18O	019078-97-8	25
5	Acetyl valeryl	128	C7H12O2	000096-04-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
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Misc :
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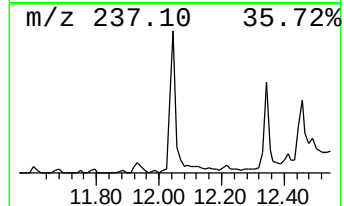
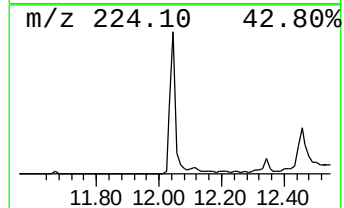
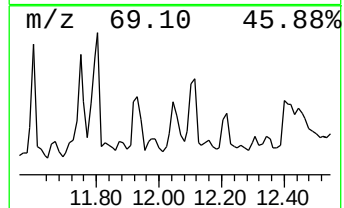
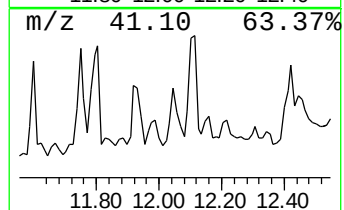
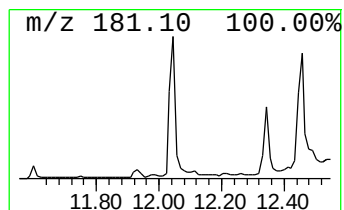
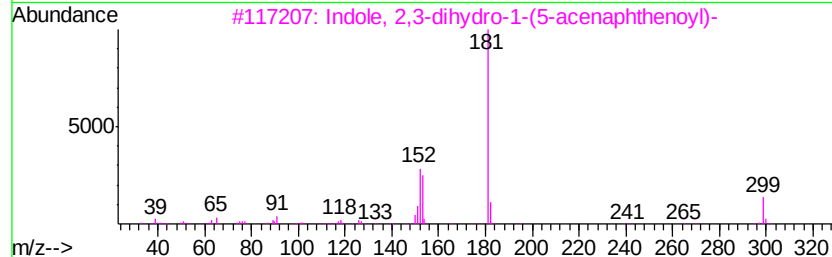
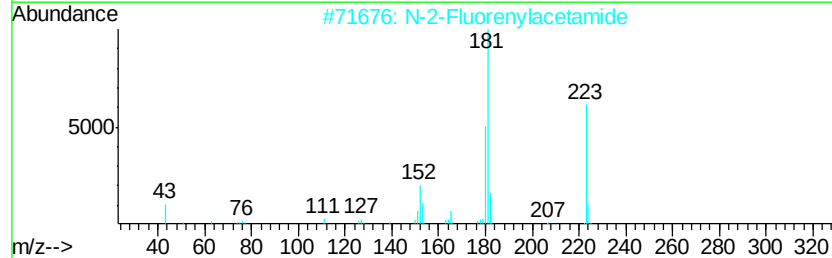
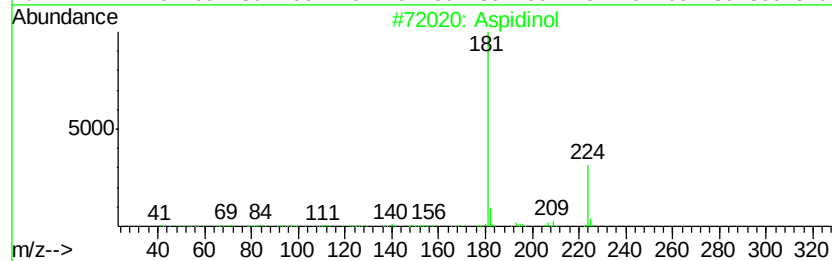
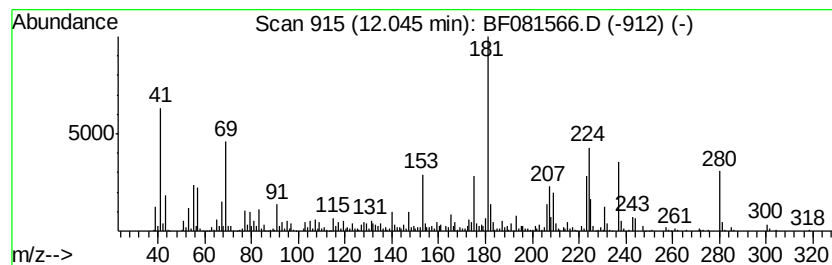
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	48.40 ng	1064970	Phenanthrene-d10	10.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Aspidinol	224 C12H16O4	000519-40-4 38
2		N-2-Fluorenylacetamide	223 C15H13NO	000053-96-3 27
3		Indole, 2,3-dihydro-1-(5-acenaph...	299 C21H17NO	294876-15-6 22
4		Acetaldehyde oxime, o-[(pentaflu...	239 C9H6F5NO	114611-59-5 22
5		1-Biphenyl-4-yl-2,2-dimethylprop...	238 C17H18O	034546-86-6 18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
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Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
Sample : G3540-02
Misc :
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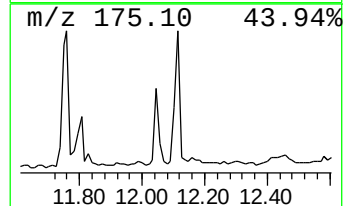
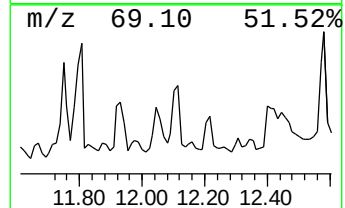
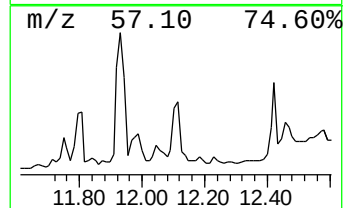
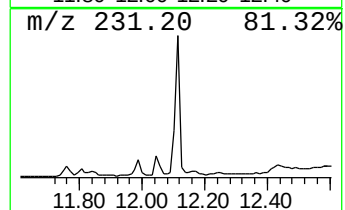
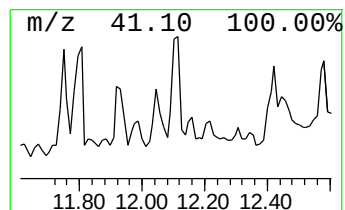
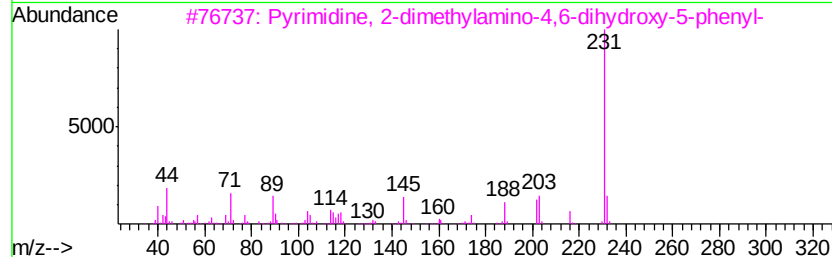
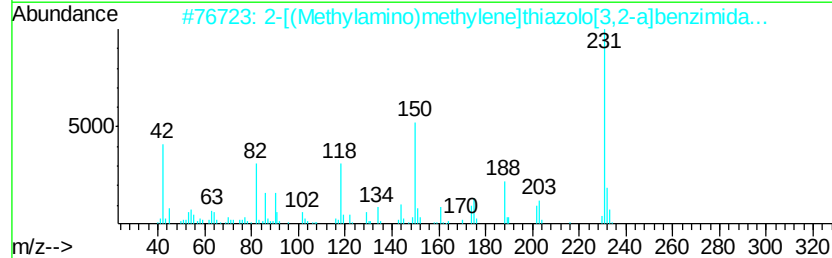
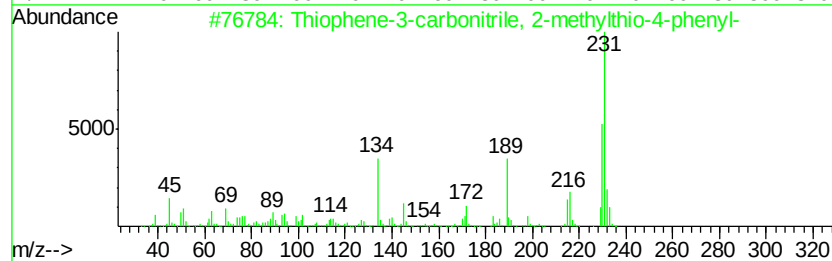
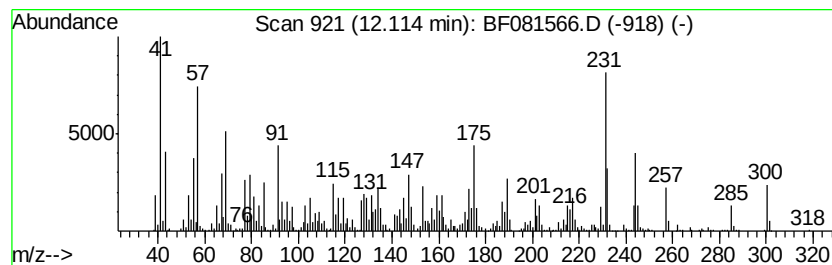
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.11 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.11	89.48 ng	1968800	Phenanthrene-d10	10.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene-3-carbonitrile, 2-meth...	231	C12H9NS2	116526-45-5	38
2	2-[(Methylamino)methylene]thiazo...	231	C11H9N3OS	072740-41-1	25
3	Pyrimidine, 2-dimethylamino-4,6-...	231	C12H13N3O2	1000261-69-3	25
4	2-Acetamido-8-amino-6-methoxyqui...	231	C12H13N3O2	064992-73-0	25
5	2,3(1H)-Dihydro-7-methylthio-9-c...	231	C13H13NOS	1000257-08-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
Sample : G3540-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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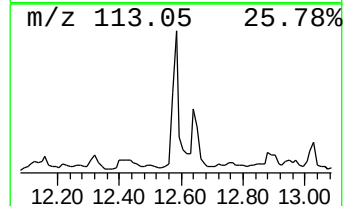
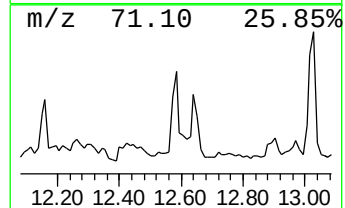
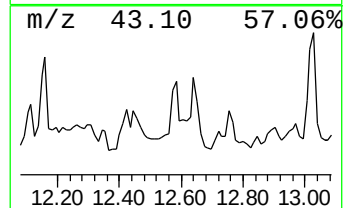
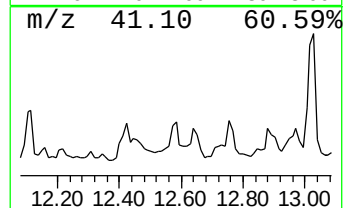
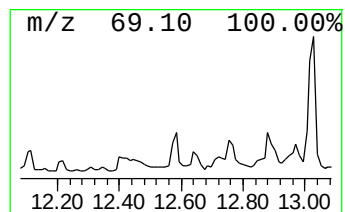
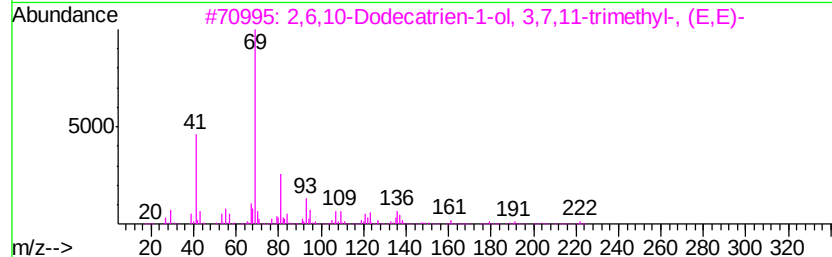
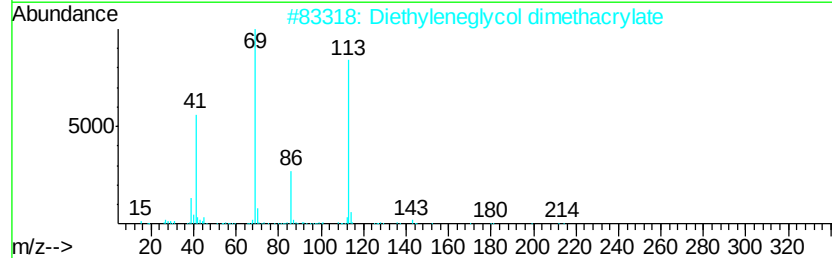
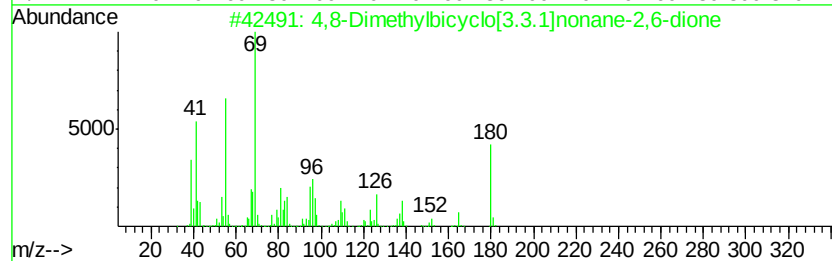
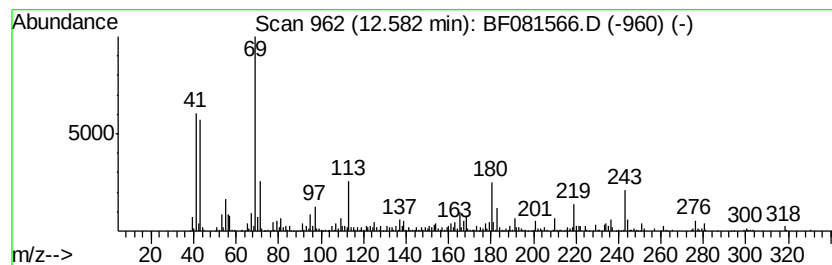
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.58 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	47.86 ng	1607240	Chrysene-d12	13.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8-Dimethylbicyclo[3.3.1]nonane...	180	C11H16O2	139914-54-8	43		
2	Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	43		
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	38		
4	3'-Trifluoromethylmethacrylanilide	229	C11H10F3NO	000783-05-1	38		
5	Hexafluoroisopropyl methacrylate	236	C7H6F6O2	003063-94-3	38		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
Sample : G3540-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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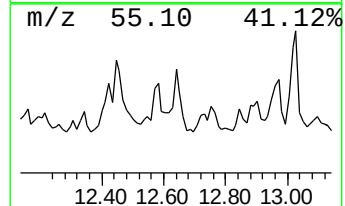
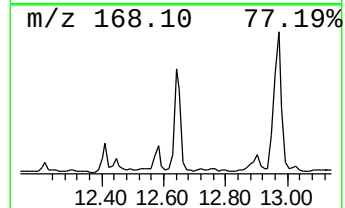
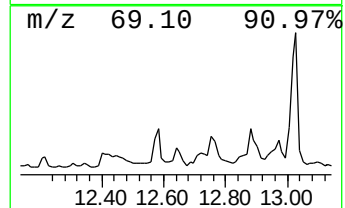
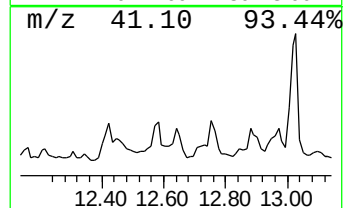
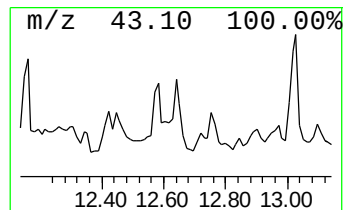
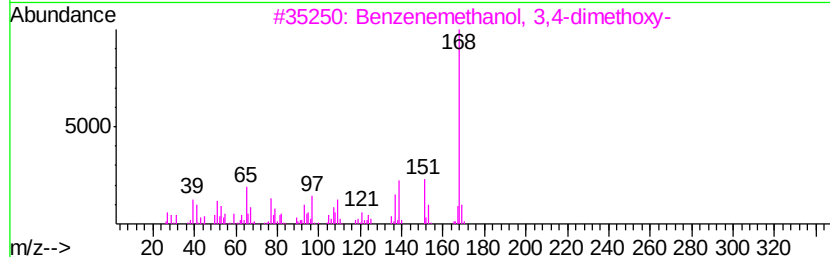
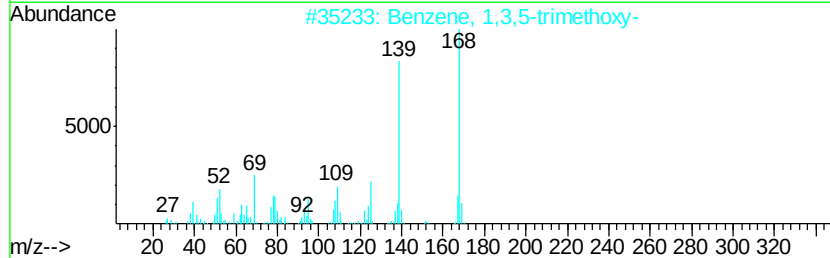
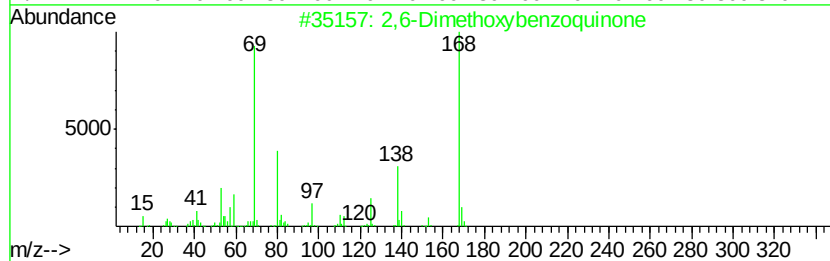
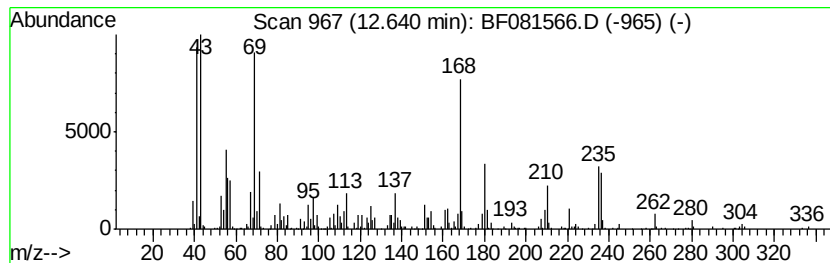
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.64 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	45.41 ng	1525020	Chrysene-d12	13.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethoxybenzoquinone			168	C8H8O4	000530-55-2	49
2	Benzene, 1,3,5-trimethoxy-			168	C9H12O3	000621-23-8	35
3	Benzenemethanol, 3,4-dimethoxy-			168	C9H12O3	000093-03-8	35
4	N,N-Diacetyl-2-amino-4-chloropyr...			252	C10H9ClN4O2	1000213-07-8	22
5	3-Hydroxy-4-methoxybenzoic acid			168	C8H8O4	000645-08-9	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
Sample : G3540-02
Misc :
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Instrument :
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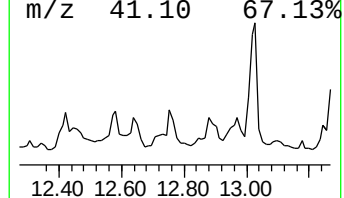
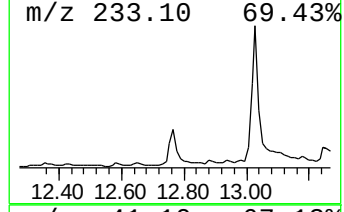
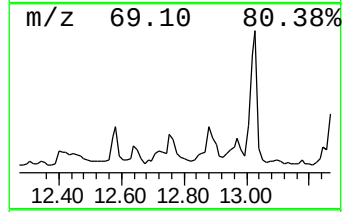
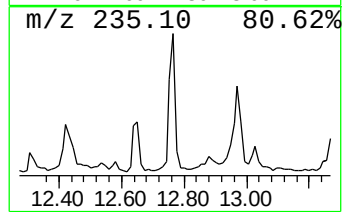
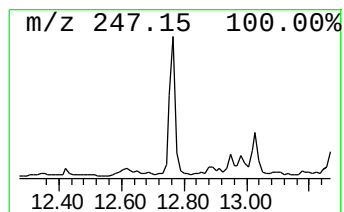
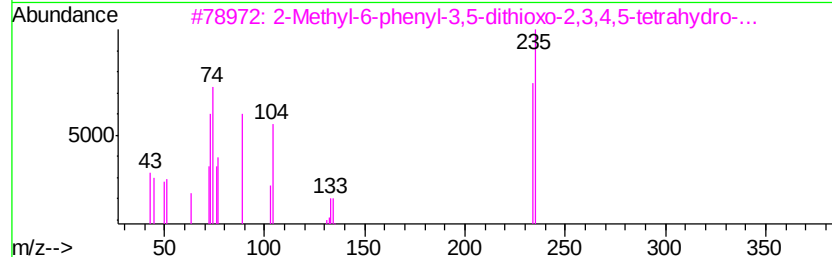
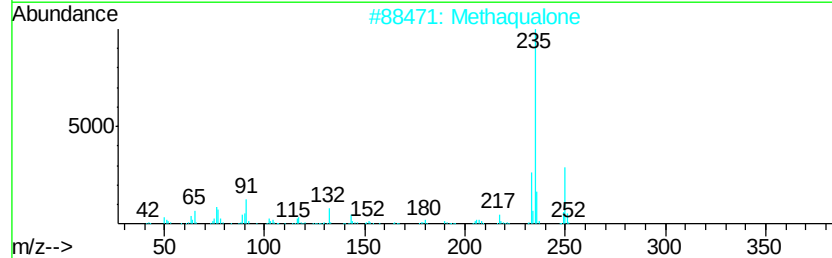
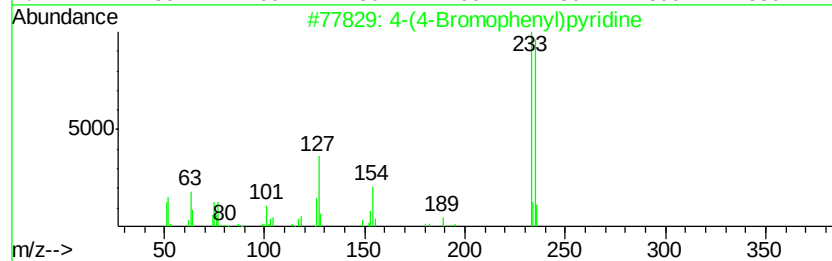
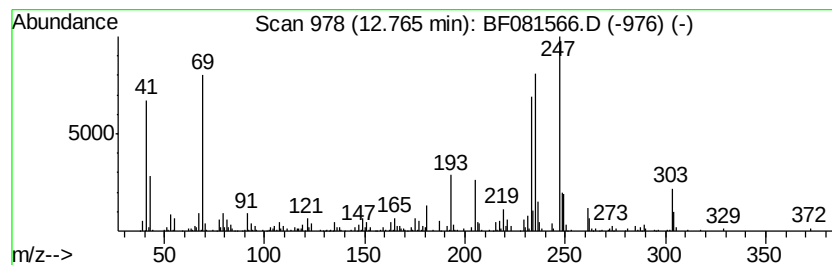
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.77 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	33.61 ng	1128460	Chrysene-d12	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-(4-Bromophenyl)pyridine	233	C11H8BrN	039795-60-3	22
2		Methaqualone	250	C16H14N2O	000072-44-6	14
3		2-Methyl-6-phenyl-3,5-dithioxo-2...	235	C10H9N3S2	038119-56-1	11
4		Benzoic acid, 3-(aminosulfonyl)-...	235	C7H6ClN04S	001205-30-7	11
5		Barbituric acid, 5-(1-cyclohexen...	264	C14H20N2O3	000891-90-7	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
Sample : G3540-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1508043488THRU-1508043493-CO

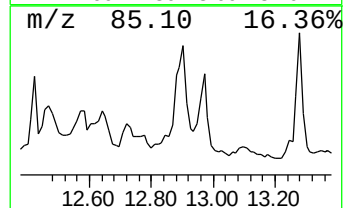
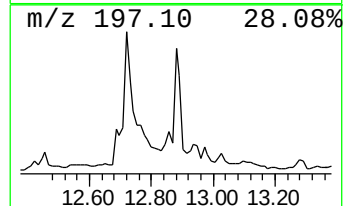
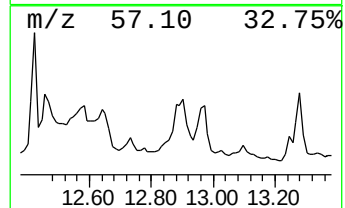
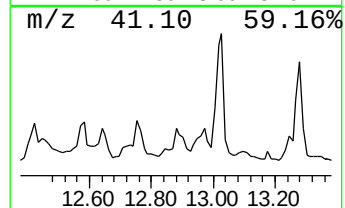
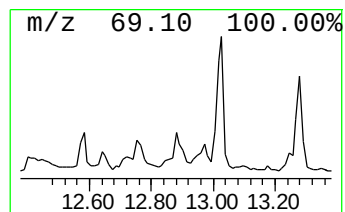
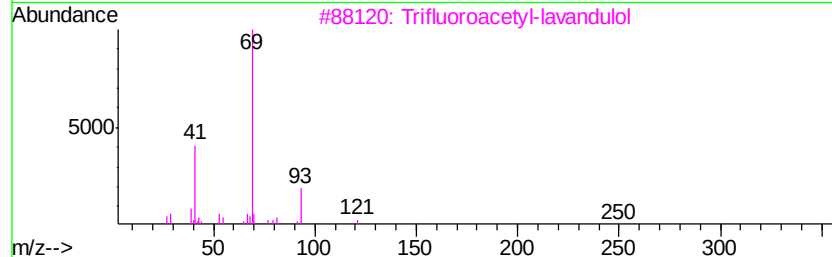
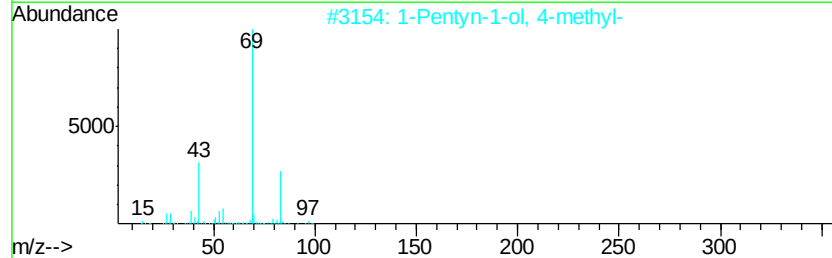
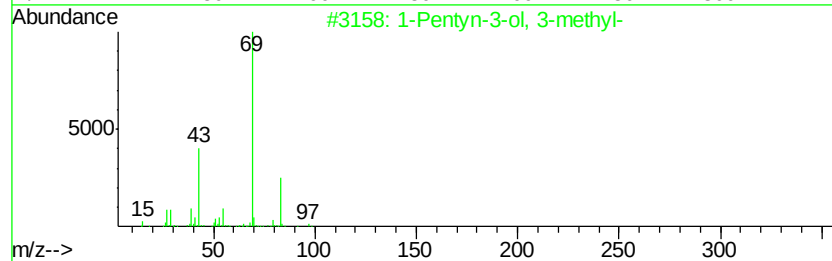
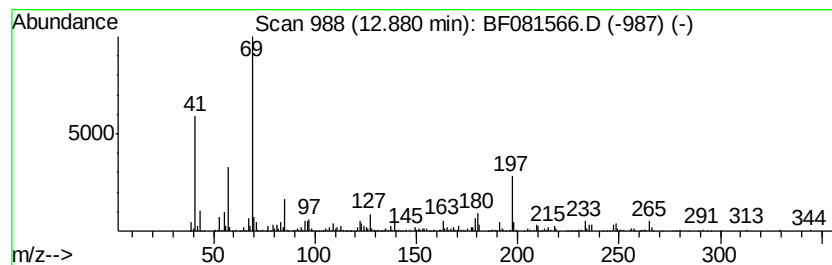
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown12.88 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	35.20 ng	1181910	Chrysene-d12	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentyn-3-ol, 3-methyl-	98	C6H10O	000077-75-8	43
2		1-Pentyn-1-ol, 4-methyl-	98	C6H10O	053778-57-7	43
3		Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	43
4		1,5-Heptadiene, 3,6-dimethyl-	124	C9H16	034891-10-6	43
5		1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
Sample : G3540-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1508043488THRU-1508043493-CO

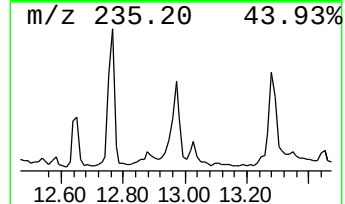
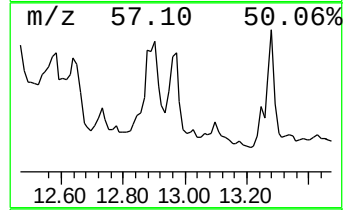
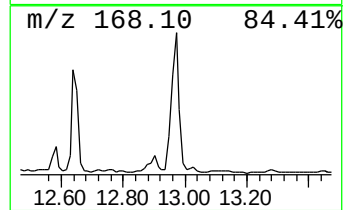
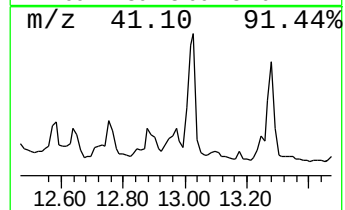
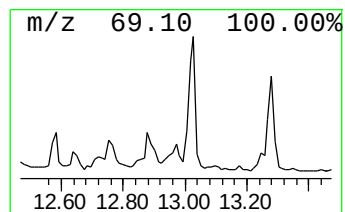
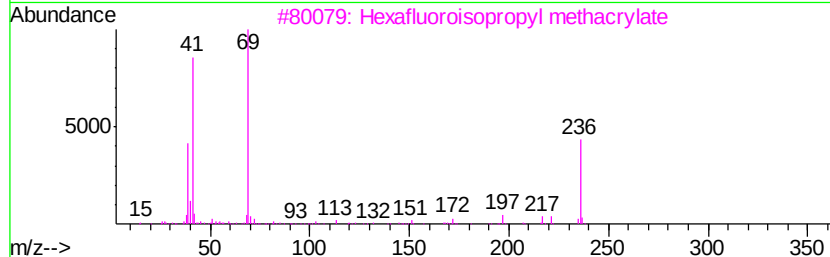
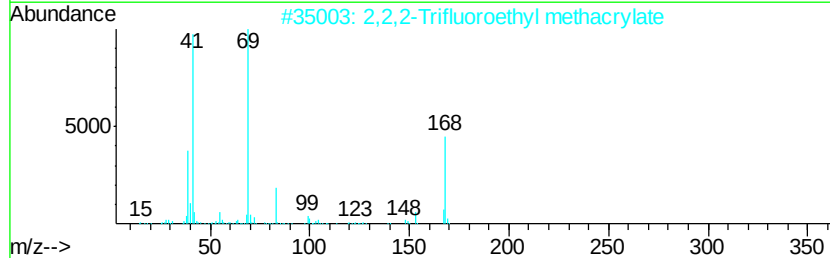
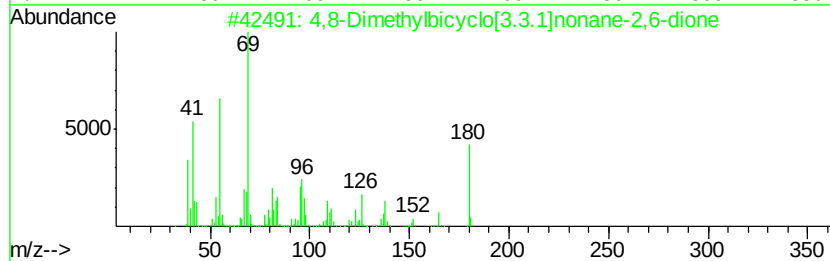
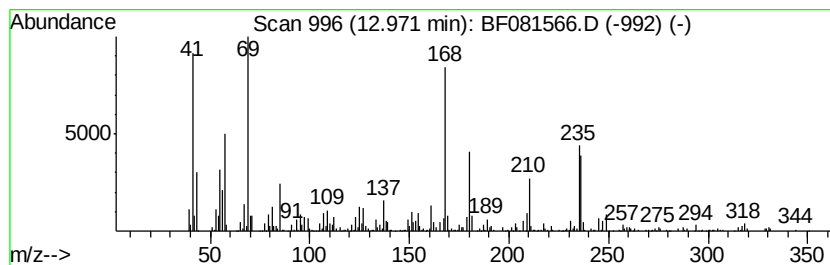
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown12.97 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	47.33 ng	1589180	Chrysene-d12	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,8-Dimethylbicyclo[3.3.1]nonane...	180	C11H16O2	139914-54-8	25
2		2,2,2-Trifluoroethyl methacrylate	168	C6H7F3O2	000352-87-4	25
3		Hexafluoroisopropyl methacrylate	236	C7H6F6O2	003063-94-3	22
4		3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	11
5		2,3-Dimethoxybenzyl alcohol	168	C9H12O3	005653-67-8	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
Sample : G3540-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1508043488THRU-1508043493-CO

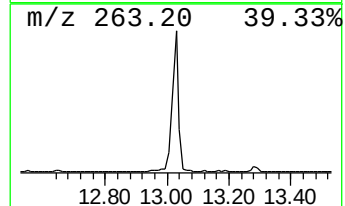
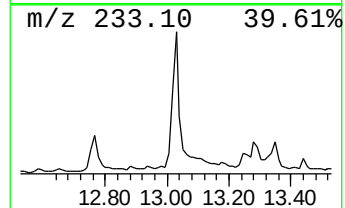
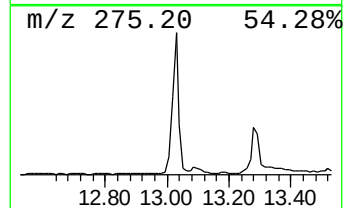
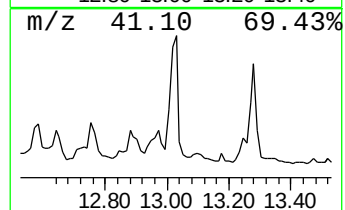
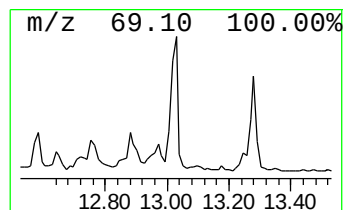
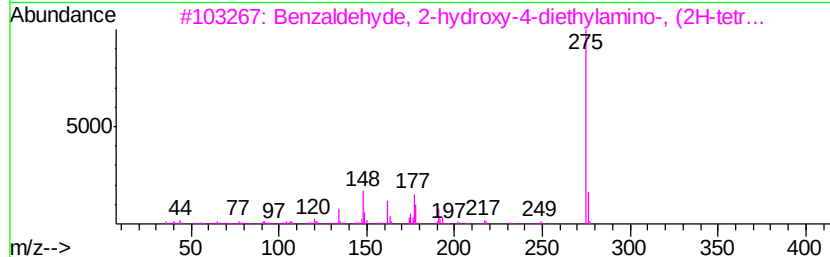
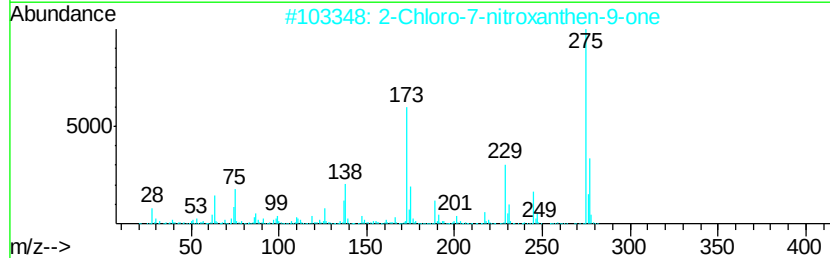
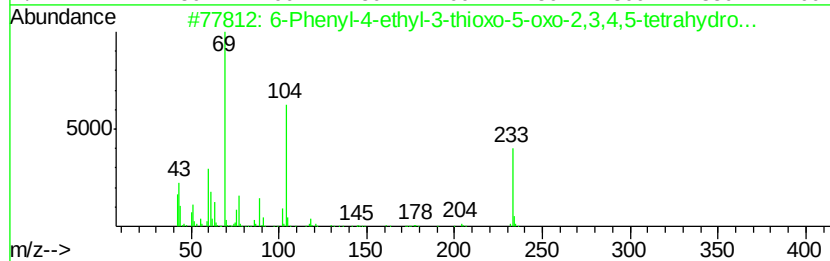
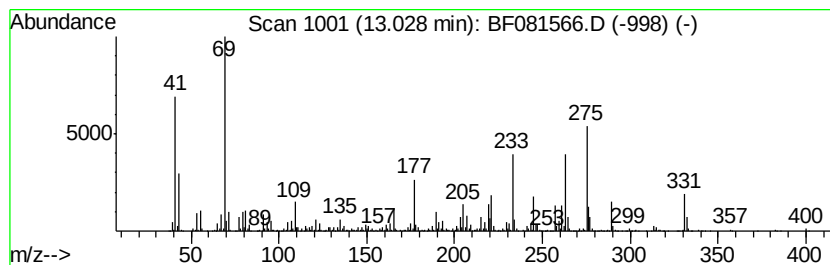
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	128.12 ng	4302260	Chrysene-d12	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Phenyl-4-ethyl-3-thioxo-5-oxo-...	233	C11H11N3OS	022943-18-6	27
2		2-Chloro-7-nitroxanthene-9-one	275	C13H6ClN04	020061-60-3	25
3		Benzaldehyde, 2-hydroxy-4-diethyl...	275	C12H17N7O	321530-85-2	11
4		1,1':4',1''-Terphenyl, 4-nitro-	275	C18H13N02	010355-53-0	10
5		2-Phenyl-4-[(2-propyn-1-yl)thio]...	276	C17H12N2S	105251-18-1	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
Data File : BF081566.D
Acq On : 9 Sep 2015 22:19
Operator : UM/IZ
Sample : G3540-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1508043488THRU-1508043493-CO

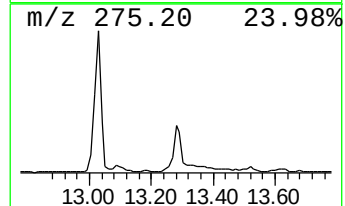
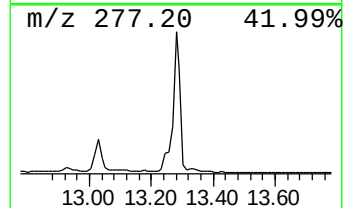
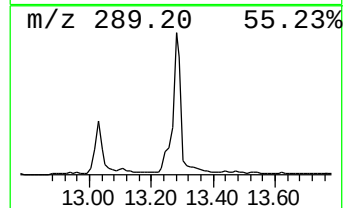
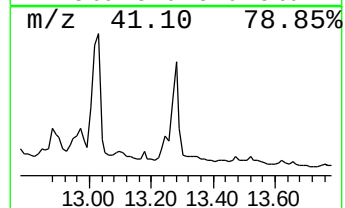
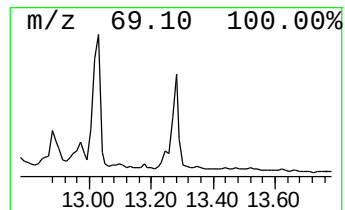
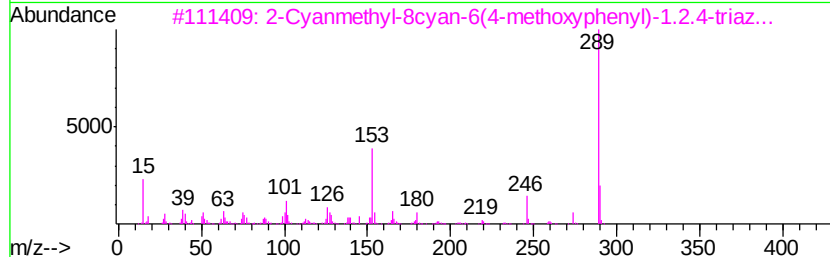
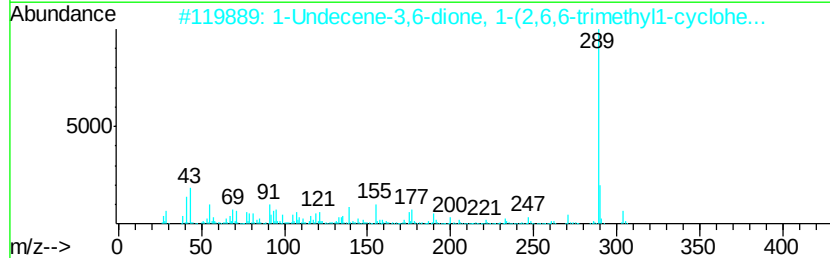
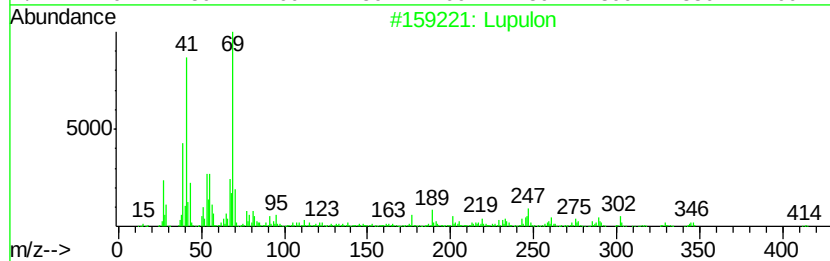
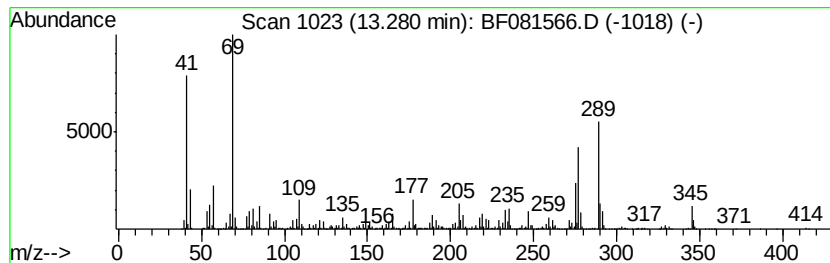
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown13.28 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	112.32 ng	3771790	Chrysene-d12	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lupulon	414	C26H38O4	000468-28-0	32
2		1-Undecene-3,6-dione, 1-(2,6,6-t...	304	C20H32O2	080255-08-9	11
3		2-Cyanmethyl-8cyan-6(4-methoxyph...	289	C16H11N5O	132012-04-5	11
4		Benzeneacetonitrile, .alpha.-[3-...	440	C26H36N2O4	067018-85-3	10
5		8-Quinolinamine, N-(trimethylsil...	304	C15H24N2OSi2	036972-87-9	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
 Data File : BF081566.D
 Acq On : 9 Sep 2015 22:19
 Operator : UM/IZ
 Sample : G3540-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1508043488THRU-1508043493-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
.beta.-Myrcene	6.10	38.4	ng	1351090	1	6.33	703401	20.0
unknown6.99	6.99	33.0	ng	684460	2	7.62	414193	20.0
2(5H)-Furanone, 5...	7.15	89.6	ng	1856370	2	7.62	414193	20.0
unknown10.39	10.39	36.7	ng	807133	4	10.82	440031	20.0
2,6-Octadiene, 4-...	10.56	35.8	ng	787735	4	10.82	440031	20.0
3,7-Nonadien-2-ol...	10.66	70.1	ng	1541600	4	10.82	440031	20.0
Pyrene, hexadecah...	11.27	119.2	ng	2623370	4	10.82	440031	20.0
unknown11.60	11.60	39.9	ng	878214	4	10.82	440031	20.0
3-Cyclopenten-1-o...	11.75	125.0	ng	2749080	4	10.82	440031	20.0
unknown11.81	11.81	180.0	ng	3960600	4	10.82	440031	20.0
unknown11.93	11.93	37.0	ng	814791	4	10.82	440031	20.0
unknown12.05	12.05	48.4	ng	1064970	4	10.82	440031	20.0
unknown12.11	12.11	89.5	ng	1968800	4	10.82	440031	20.0
unknown12.58	12.58	47.9	ng	1607240	5	13.44	671593	20.0
unknown12.64	12.64	45.4	ng	1525020	5	13.44	671593	20.0
unknown12.77	12.77	33.6	ng	1128460	5	13.44	671593	20.0
unknown12.88	12.88	35.2	ng	1181910	5	13.44	671593	20.0
unknown12.97	12.97	47.3	ng	1589180	5	13.44	671593	20.0
unknown13.03	13.03	128.1	ng	4302260	5	13.44	671593	20.0
unknown13.28	13.28	112.3	ng	3771790	5	13.44	671593	20.0