

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075568.D
 Acq On : 16 Nov 2014 4:00
 Operator : TP / JJ
 Sample : F4695-06
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-74(7-9)

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-BF111214.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	1.624	44	47	50	rBV	3293727	3635543	74.45%	3.546%
2	1.967	74	77	84	rBV2	194660	290705	5.95%	0.284%
3	5.350	371	373	376	rBV	450619	542384	11.11%	0.529%
4	5.865	415	418	420	rBV	865571	1061369	21.74%	1.035%
5	6.973	513	515	521	rBV3	117951	254635	5.21%	0.248%
6	7.110	525	527	529	rVV	854146	1129797	23.14%	1.102%
7	7.270	536	541	544	rBV	1260984	1366611	27.99%	1.333%
8	7.488	552	560	561	rBV5	89615	299379	6.13%	0.292%
9	7.556	564	566	570	rVB	401946	480059	9.83%	0.468%
10	7.636	570	573	574	rBV2	127288	210153	4.30%	0.205%
11	7.739	580	582	585	rVB	670962	923506	18.91%	0.901%
12	7.842	587	591	592	rBV3	103588	210250	4.31%	0.205%
13	7.888	592	595	598	rVB4	199616	389240	7.97%	0.380%
14	8.036	606	608	610	rBV2	320136	334579	6.85%	0.326%
15	8.082	610	612	615	rVB3	120698	234410	4.80%	0.229%
16	8.162	615	619	620	rBV3	108489	231268	4.74%	0.226%
17	8.219	620	624	625	rBV2	349467	612337	12.54%	0.597%
18	8.253	625	627	628	rVB	400895	546585	11.19%	0.533%
19	8.276	628	629	633	rVB3	162776	289484	5.93%	0.282%
20	8.356	633	636	638	rBV4	350791	679606	13.92%	0.663%
21	8.413	638	641	642	rBV2	216034	260034	5.33%	0.254%
22	8.516	646	650	651	rBV2	276077	477032	9.77%	0.465%
23	8.550	651	653	655	rVB	838325	914287	18.72%	0.892%
24	8.596	655	657	658	rBV	196592	203808	4.17%	0.199%
25	8.688	661	665	668	rBV4	657242	1306133	26.75%	1.274%
26	8.859	678	680	683	rVB3	269054	507710	10.40%	0.495%
27	8.928	683	686	689	rBV3	488296	774518	15.86%	0.755%
28	8.985	689	691	692	rBV2	255710	458817	9.40%	0.448%
29	9.088	696	700	701	rBV4	229580	522145	10.69%	0.509%
30	9.145	701	705	706	rBV3	642354	1277138	26.15%	1.246%
31	9.168	706	707	709	rBV2	501425	637893	13.06%	0.622%
32	9.236	712	713	714	rBV	391189	296865	6.08%	0.290%
33	9.259	714	715	717	rVB2	238014	276525	5.66%	0.270%
34	9.305	717	719	720	rVB2	194348	241309	4.94%	0.235%

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35	9.351	721	723	725	rBV2	439620	720255	14.75%	0.703%
36	9.396	725	727	730	rVB3	522390	859603	17.60%	0.838%
37	9.442	730	731	734	rBV2	238351	317879	6.51%	0.310%
38	9.499	734	736	739	rVB3	642285	1162868	23.81%	1.134%
39	9.556	739	741	742	rBV2	344476	440638	9.02%	0.430%
40	9.693	751	753	758	rVB	1925928	3714430	76.07%	3.623%
41	9.762	758	759	762	rBV3	306302	511062	10.47%	0.498%
42	9.819	762	764	765	rBV2	691890	782511	16.03%	0.763%
43	9.922	768	773	774	rVV4	446913	1244498	25.49%	1.214%
44	10.014	778	781	783	rVB4	693733	1463182	29.96%	1.427%
45	10.071	783	786	787	rBV2	403749	738093	15.12%	0.720%
46	10.139	791	792	793	rVV	486063	576016	11.80%	0.562%
47	10.174	793	795	798	rVV3	595444	1021421	20.92%	0.996%
48	10.242	800	801	803	rVV2	262732	417680	8.55%	0.407%
49	10.288	803	805	807	rVB2	898989	993171	20.34%	0.969%
50	10.322	807	808	809	rBV	345766	405235	8.30%	0.395%
51	10.368	810	812	814	rVB3	508328	882732	18.08%	0.861%
52	10.436	814	818	820	rBV	3324893	4059382	83.13%	3.960%
53	10.482	820	822	825	rVB3	742787	1166872	23.90%	1.138%
54	10.608	828	833	835	rBV4	919243	3121262	63.92%	3.044%
55	10.665	835	838	840	rVV3	570342	1372200	28.10%	1.338%
56	10.745	843	845	848	rBV3	600554	884977	18.12%	0.863%
57	10.802	848	850	852	rBV3	376537	755820	15.48%	0.737%
58	10.836	852	853	855	rBV2	403897	438624	8.98%	0.428%
59	10.962	862	864	865	rBV2	1506941	1432018	29.33%	1.397%
60	11.008	865	868	870	rBV	3481818	3760795	77.02%	3.668%
61	11.111	875	877	878	rBV2	417886	424046	8.68%	0.414%
62	11.214	885	886	889	rVB3	1063375	1634570	33.47%	1.594%
63	11.271	889	891	892	rBV	1106598	1268671	25.98%	1.237%
64	11.328	892	896	898	rVV3	974211	2167582	44.39%	2.114%
65	11.591	917	919	922	rVB2	1016682	1288222	26.38%	1.257%
66	11.637	922	923	924	rVB	614567	421593	8.63%	0.411%
67	11.671	924	926	929	rVB3	1430369	1526333	31.26%	1.489%
68	11.728	929	931	935	rVB2	810776	1854260	37.97%	1.809%
69	11.797	935	937	938	rBV	395360	686069	14.05%	0.669%
70	11.831	938	940	942	rVB2	929766	1133924	23.22%	1.106%
71	11.865	942	943	945	rBV2	370523	607270	12.44%	0.592%

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72	11.957	949	951	954	rVB2	536515	813202	16.65%	0.793%
73	12.014	954	956	957	rBV2	349257	518350	10.62%	0.506%
74	12.037	957	958	962	rBV4	464387	1153518	23.62%	1.125%
75	12.094	962	963	964	rVB	768748	527361	10.80%	0.514%
76	12.174	967	970	972	rBV	2957816	3894866	79.76%	3.799%
77	12.265	977	978	980	rBV2	311715	540004	11.06%	0.527%
78	12.311	980	982	985	rVB4	963561	1293196	26.48%	1.261%
79	12.368	985	987	991	rVB4	499856	1106157	22.65%	1.079%
80	12.425	991	992	995	rBV2	360893	732459	15.00%	0.714%
81	12.505	996	999	1002	rVV	4300215	4883028	100.00%	4.763%
82	12.562	1002	1004	1006	rVB2	437682	567805	11.63%	0.554%
83	12.734	1017	1019	1021	rBV2	966716	1271024	26.03%	1.240%
84	12.768	1021	1022	1024	rVB2	676548	511518	10.48%	0.499%
85	13.088	1047	1050	1052	rVB	2442238	3166996	64.86%	3.089%
86	13.180	1056	1058	1060	rVB	498429	478307	9.80%	0.467%
87	13.225	1060	1062	1063	rBV2	411447	513673	10.52%	0.501%
88	13.522	1086	1088	1092	rVB	881879	1185992	24.29%	1.157%
89	13.705	1102	1104	1108	rVB	1127639	1419004	29.06%	1.384%
90	14.162	1142	1144	1146	rBV2	173205	231188	4.73%	0.225%
91	14.437	1166	1168	1171	rVB	296802	465748	9.54%	0.454%
92	14.494	1171	1173	1175	rVV	295140	430076	8.81%	0.419%
93	14.563	1177	1179	1180	rVV	2599100	2682906	54.94%	2.617%
94	14.585	1180	1181	1185	rVV	1980201	2520510	51.62%	2.458%
95	14.700	1189	1191	1193	rVB2	516639	588480	12.05%	0.574%
96	15.168	1229	1232	1236	rVB	1126475	1247231	25.54%	1.217%
97	16.254	1324	1327	1329	rVB	168051	232413	4.76%	0.227%
98	16.323	1331	1333	1337	rVB	206465	288802	5.91%	0.282%
99	16.471	1343	1346	1350	rVB	517410	642798	13.16%	0.627%
100	18.231	1497	1500	1503	rBV	382228	484013	9.91%	0.472%

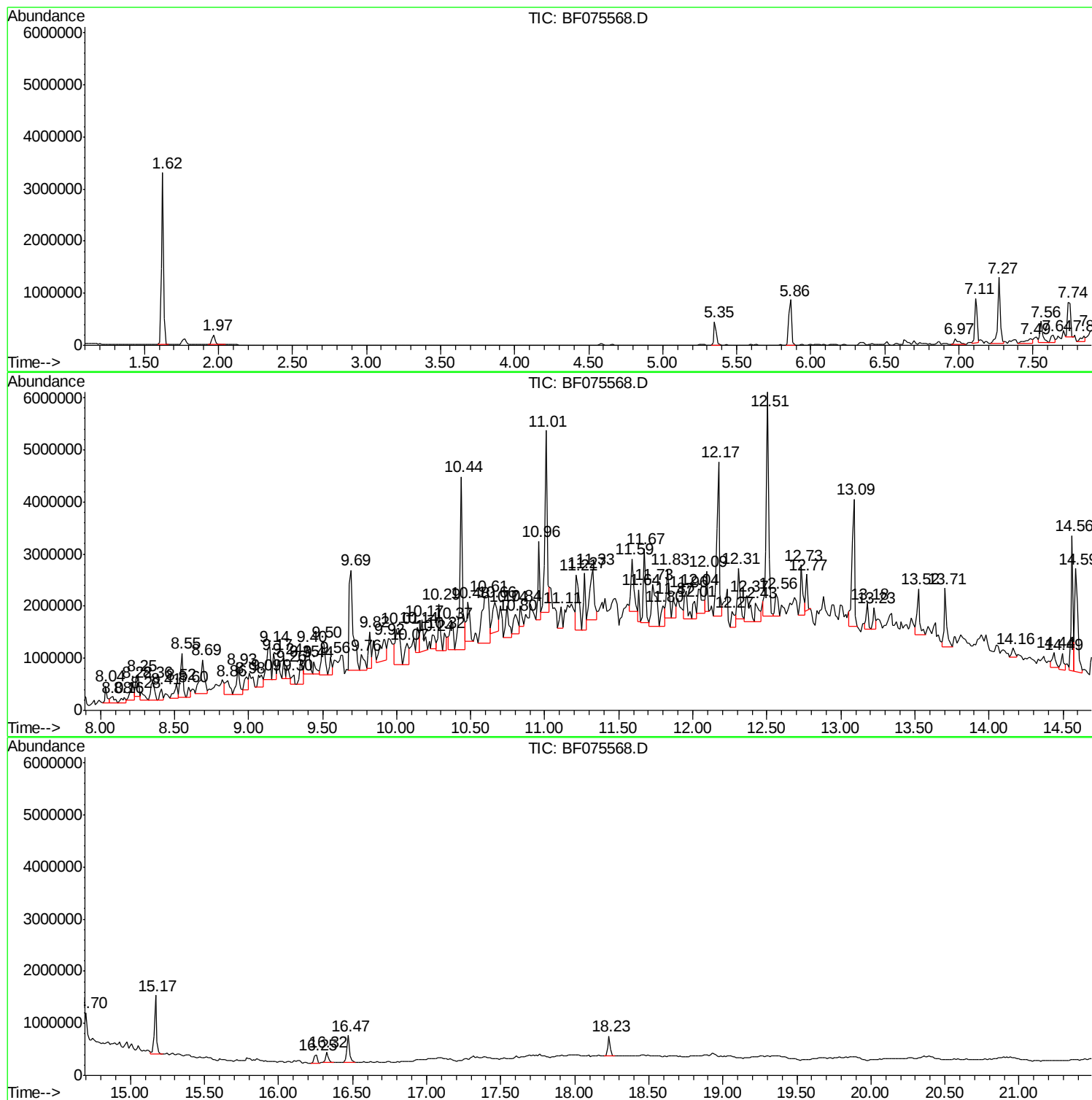
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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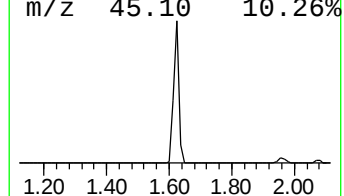
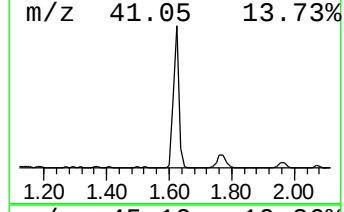
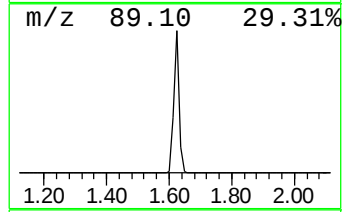
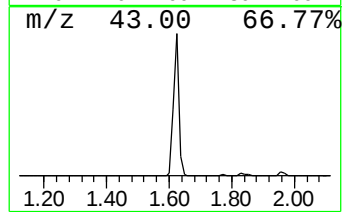
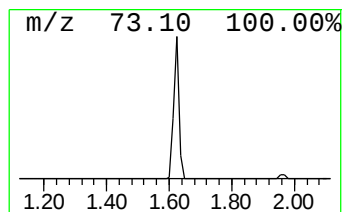
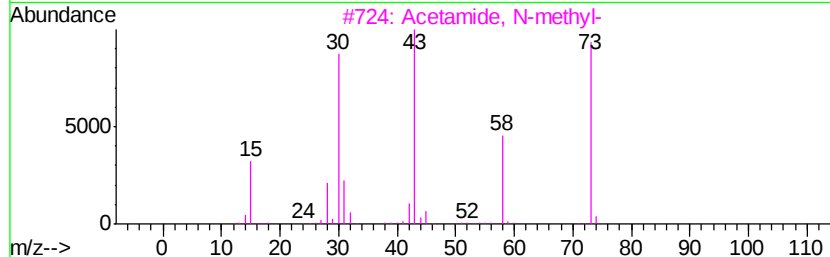
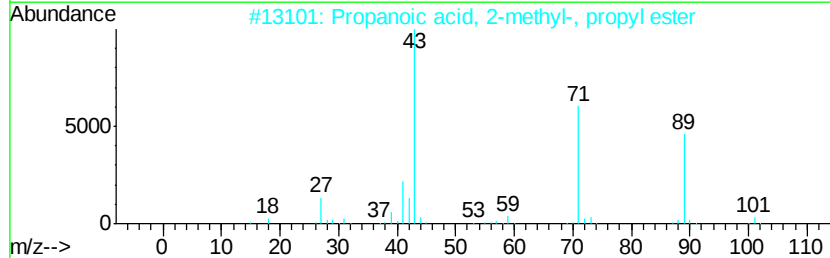
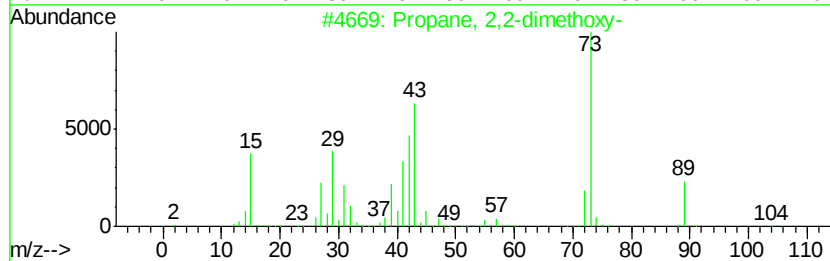
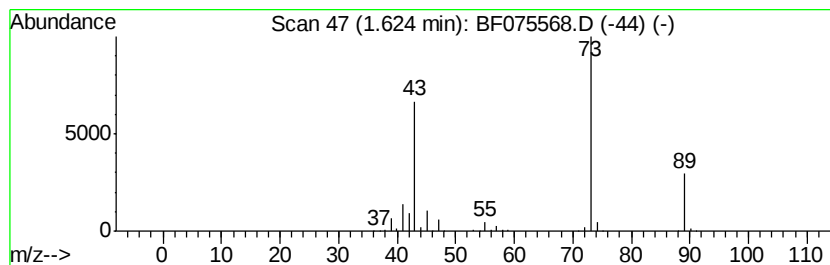
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.62	151.46 ng	3635540	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	23
3		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5		2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9



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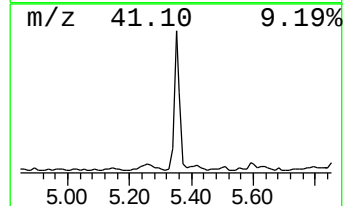
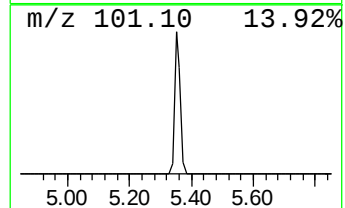
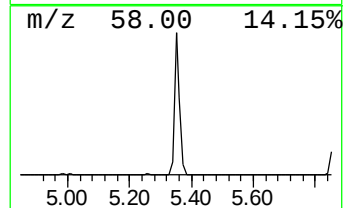
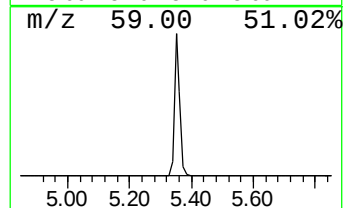
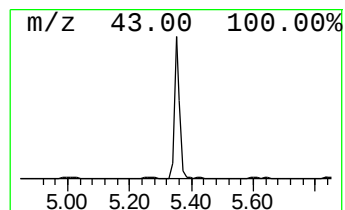
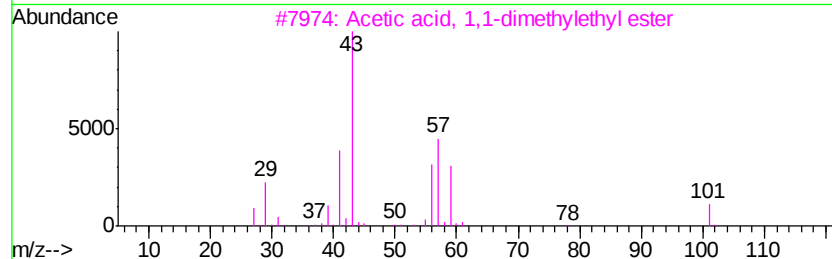
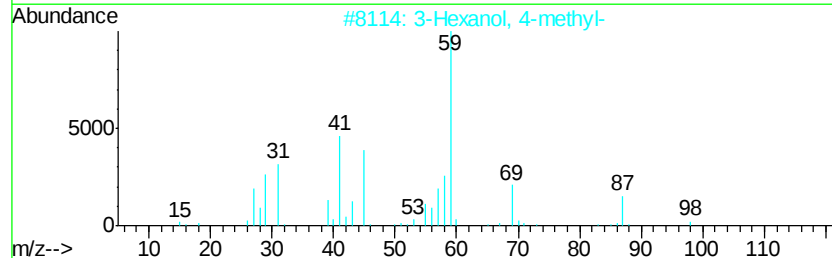
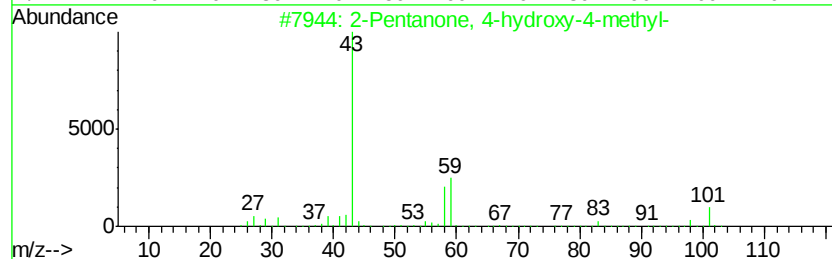
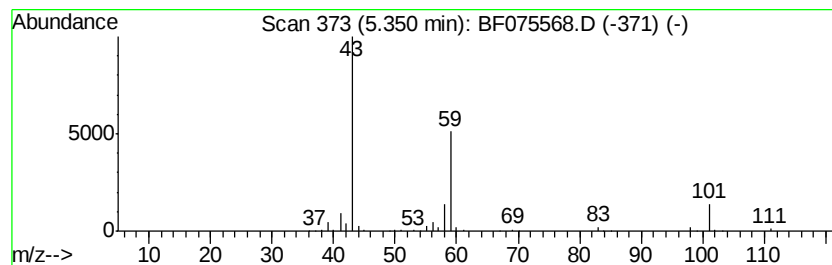
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	22.60 ng	542384	1,4-Dichlorobenzene-d4	7.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25



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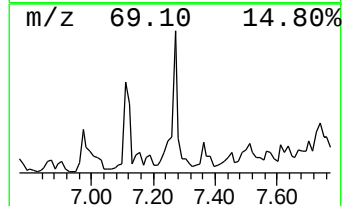
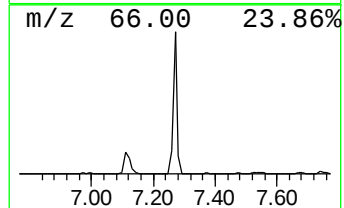
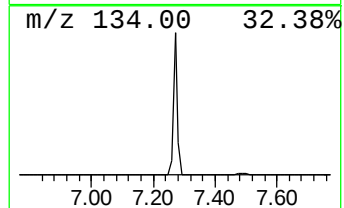
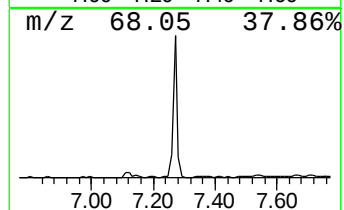
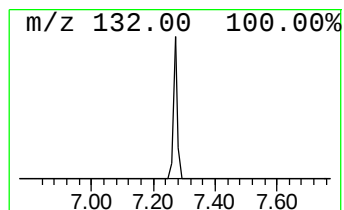
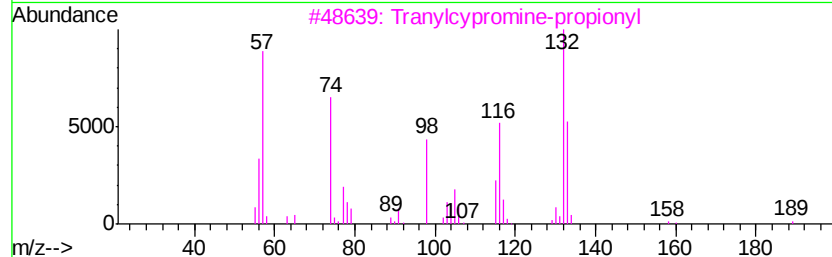
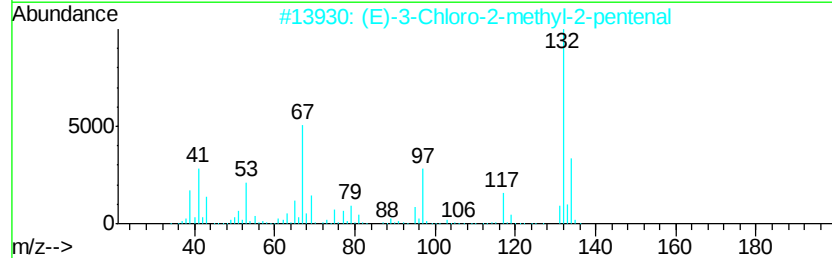
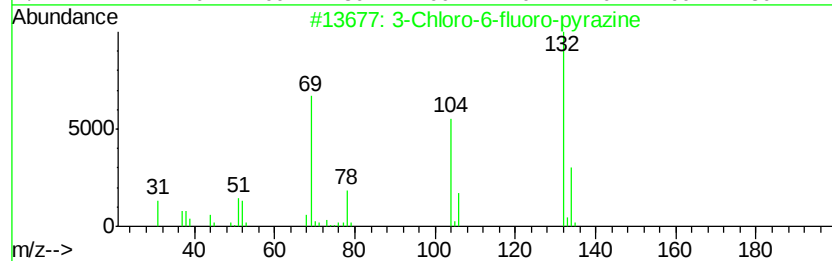
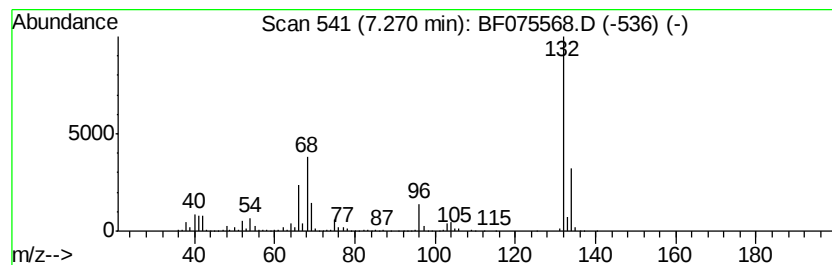
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Peak Number 3 unknown7.27 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	56.94 ng	1366610	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075568.D
Acq On : 16 Nov 2014 4:00
Operator : TP / JJ
Sample : F4695-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-74(7-9)

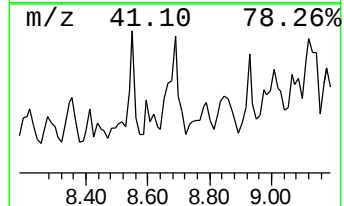
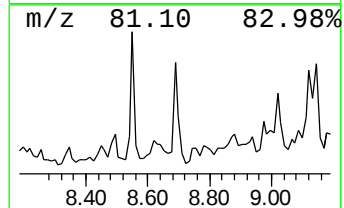
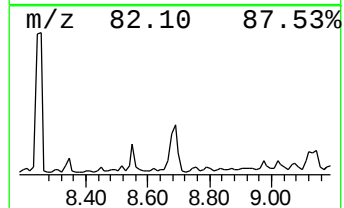
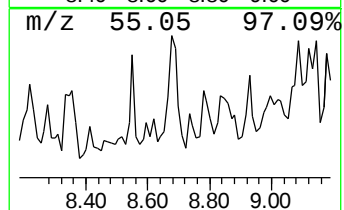
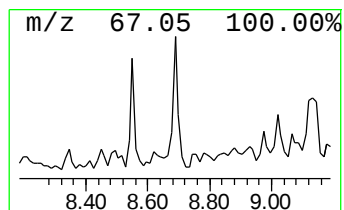
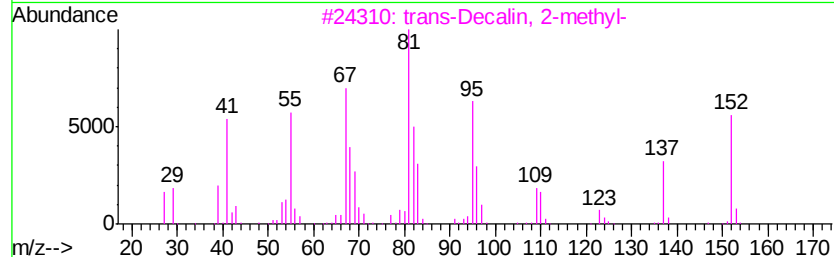
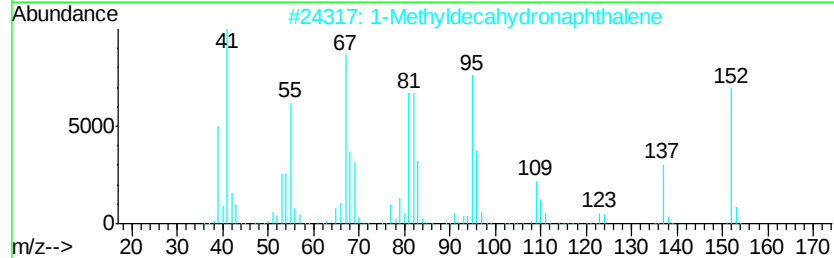
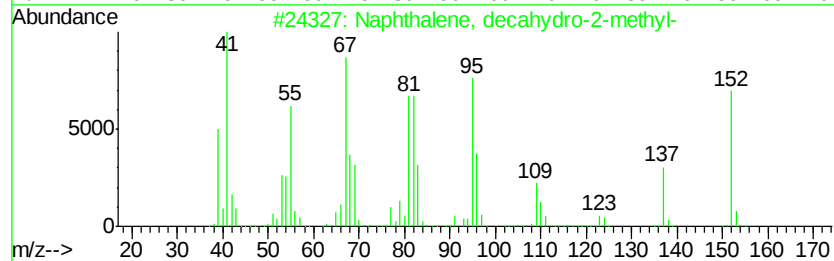
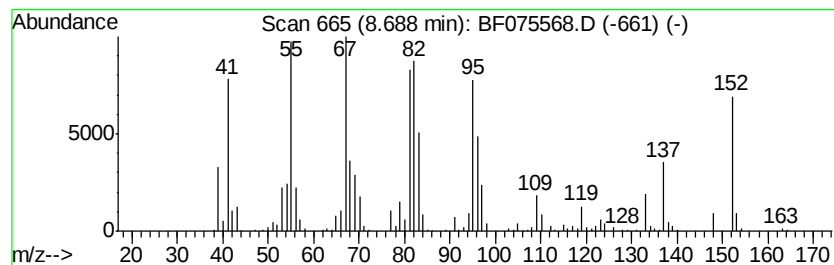
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	20.45 ng	1306130	Naphthalene-d8	9.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	86
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	64
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075568.D
Acq On : 16 Nov 2014 4:00
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Misc :
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Instrument :
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ClientSampleId :
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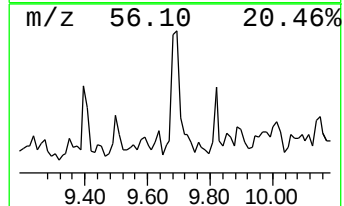
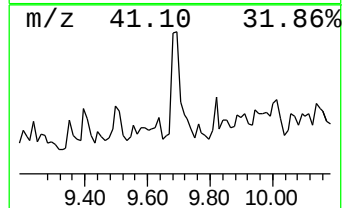
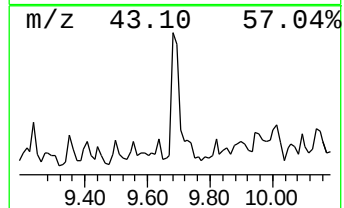
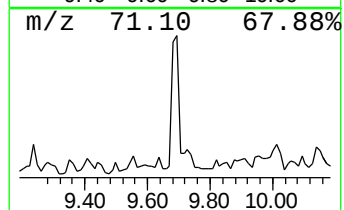
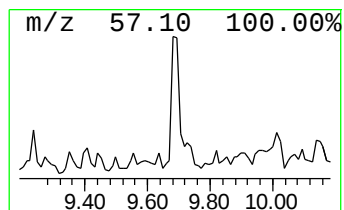
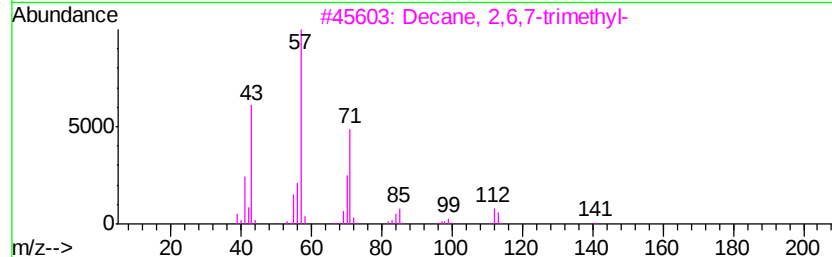
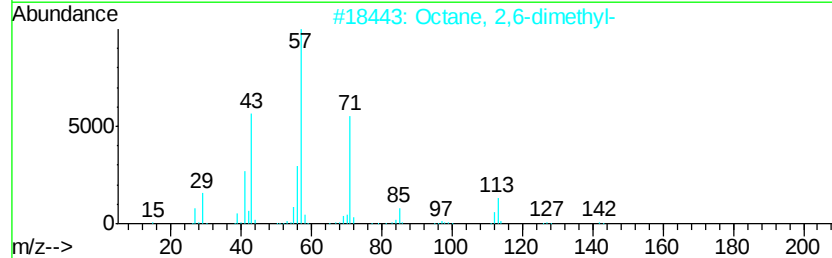
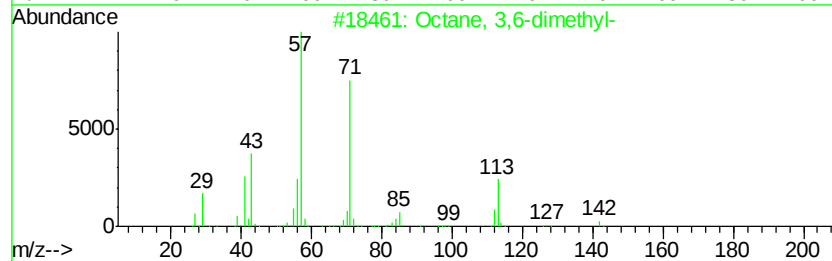
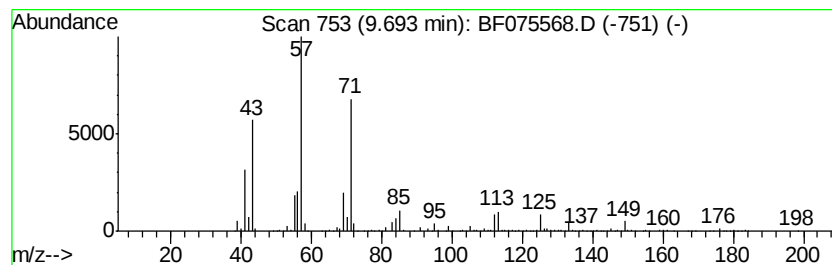
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	58.17 ng	3714430	Naphthalene-d8	9.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	59
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075568.D
Acq On : 16 Nov 2014 4:00
Operator : TP / JJ
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Misc :
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SB-74(7-9)

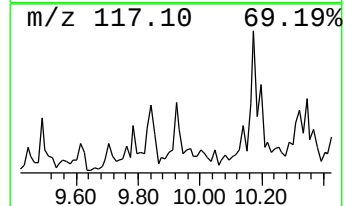
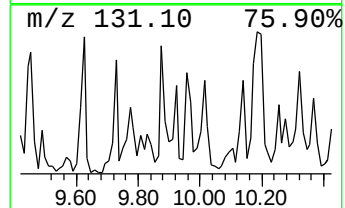
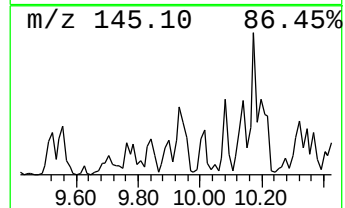
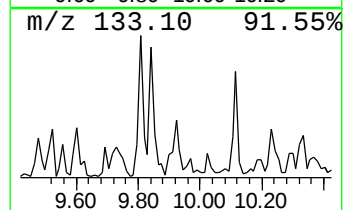
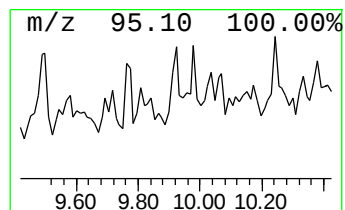
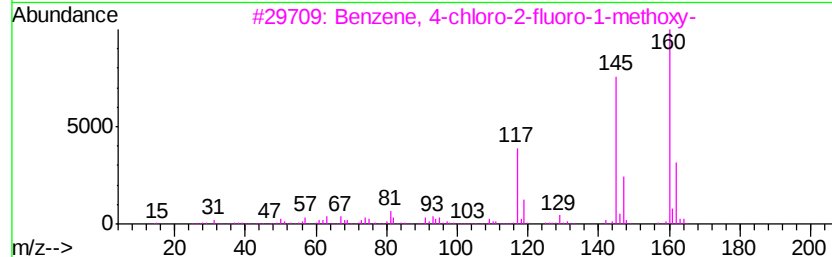
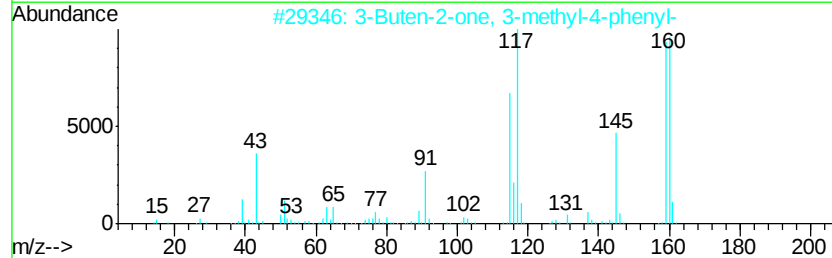
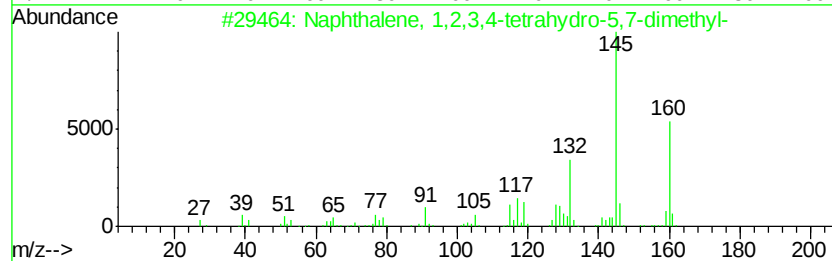
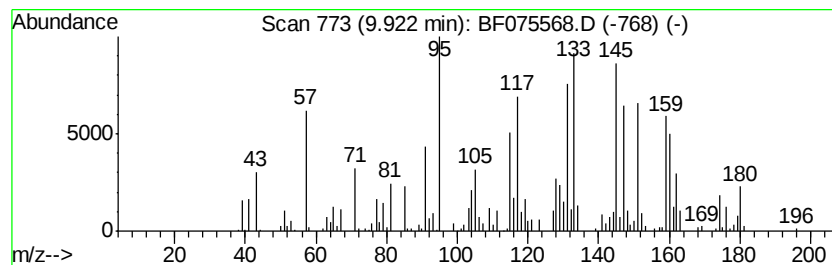
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.92 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	19.49 ng	1244500	Naphthalene-d8	9.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	35
2		3-Buten-2-one, 3-methyl-4-phenyl-	160	C11H12O	001901-26-4	25
3		Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	18
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	14
5		4-Quinolinol	145	C9H7NO	000611-36-9	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075568.D
Acq On : 16 Nov 2014 4:00
Operator : TP / JJ
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Misc :
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Instrument :
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ClientSampleId :
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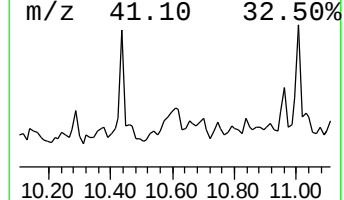
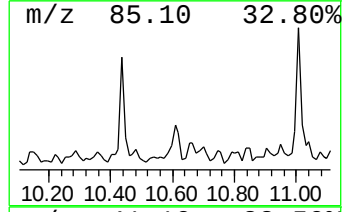
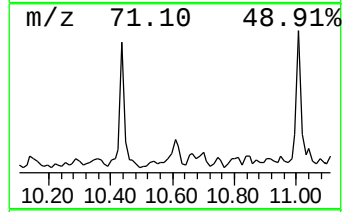
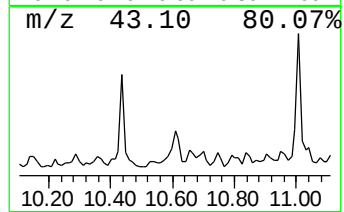
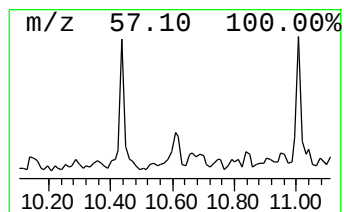
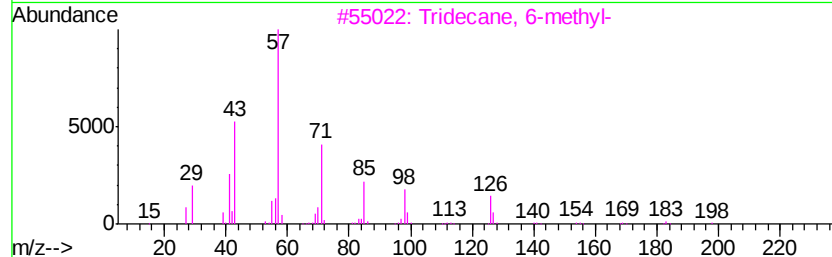
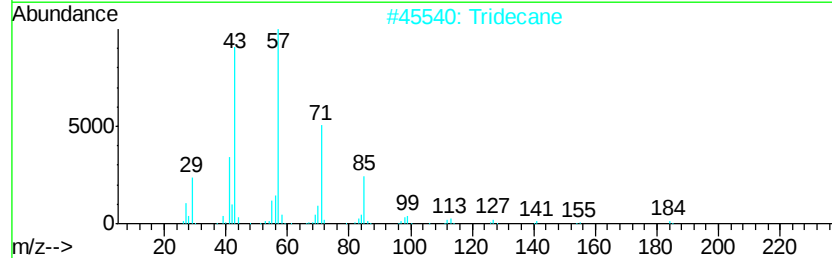
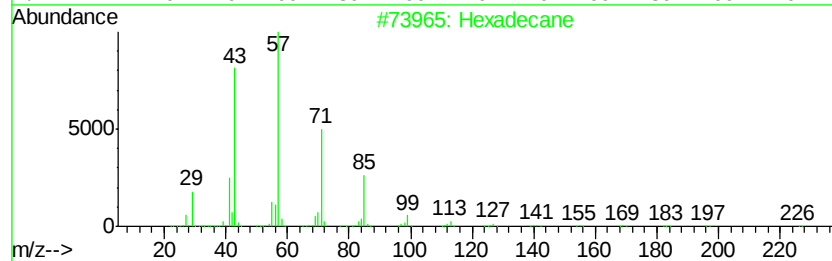
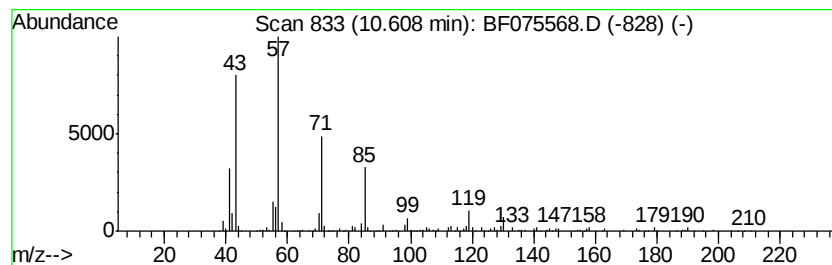
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	28.80 ng	3121260	Acenaphthene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	87
2	Tridecane		184	C13H28	000629-50-5	86
3	Tridecane, 6-methyl-		198	C14H30	013287-21-3	62
4	Octane, 2,3,7-trimethyl-		156	C11H24	062016-34-6	53
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075568.D
Acq On : 16 Nov 2014 4:00
Operator : TP / JJ
Sample : F4695-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-74(7-9)

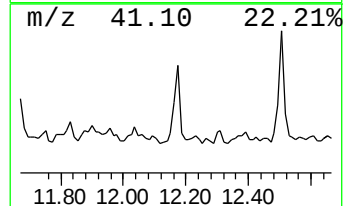
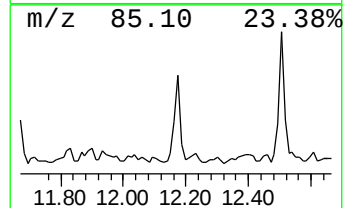
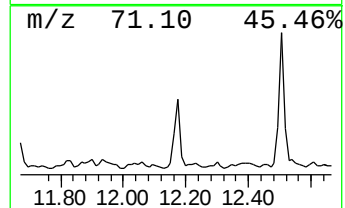
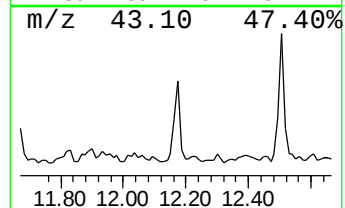
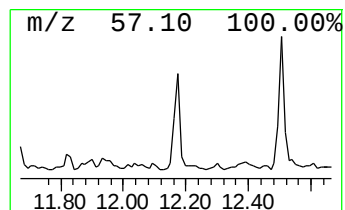
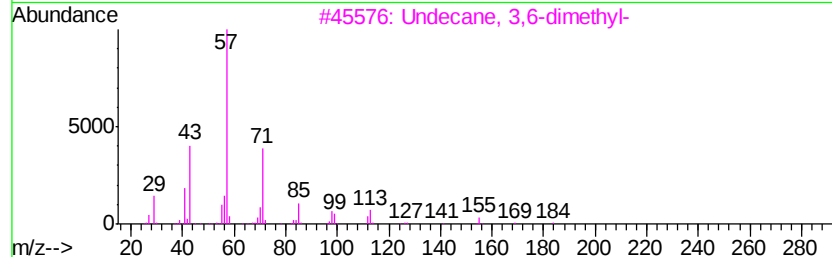
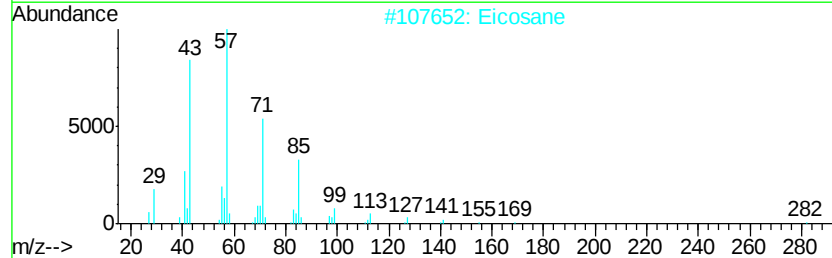
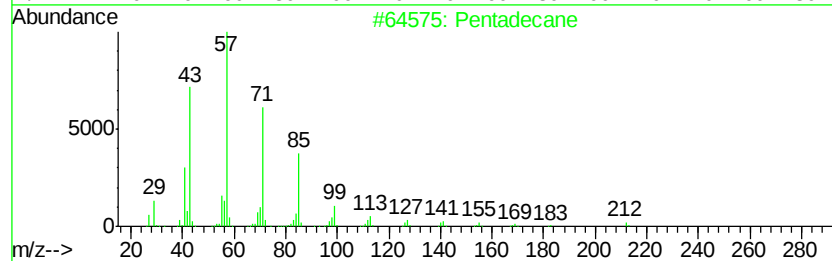
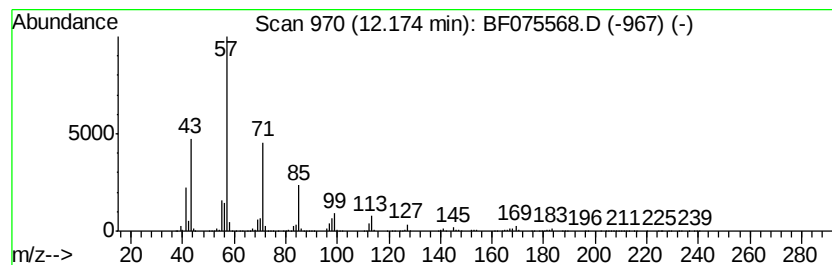
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	35.94 ng	3894870	Acenaphthene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	72
2	Eicosane		282	C20H42	000112-95-8	72
3	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	72
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	72
5	Tetracosane		338	C24H50	000646-31-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075568.D
Acq On : 16 Nov 2014 4:00
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ClientSampleId :
SB-74(7-9)

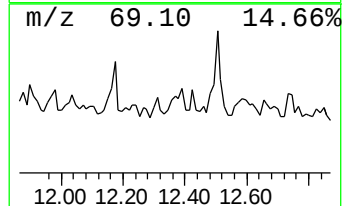
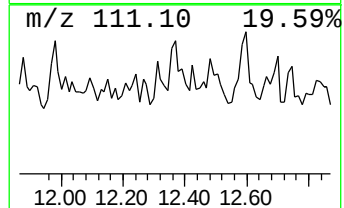
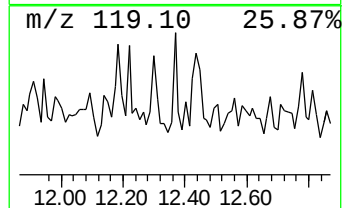
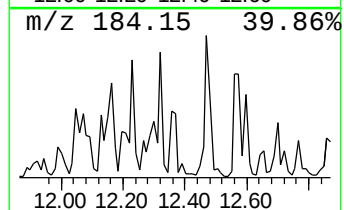
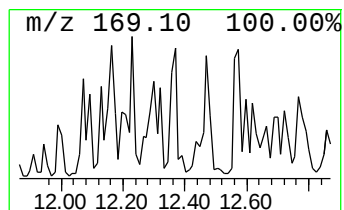
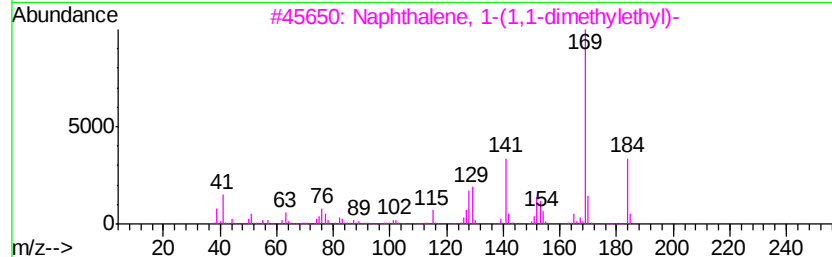
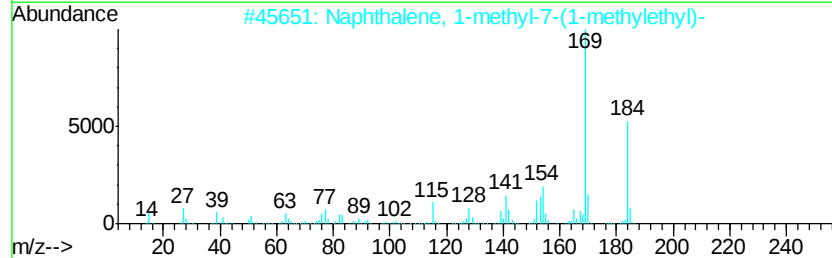
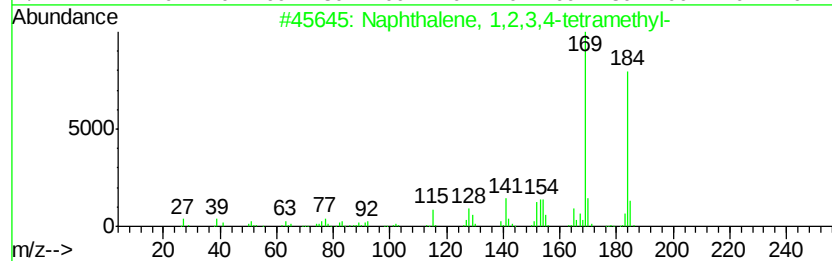
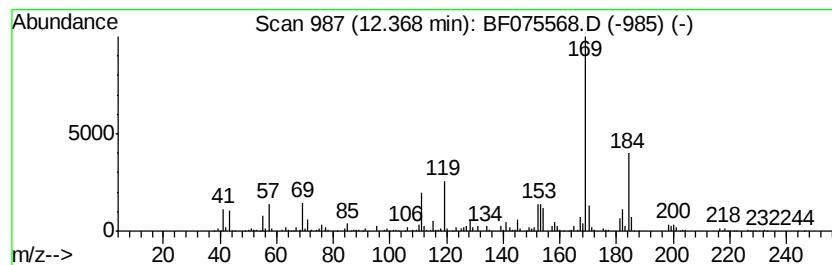
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetram... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	46.25 ng	1106160	Phenanthrene-d10	13.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	76
2		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	64
3		Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	59
4		2,4,6(1H,3H,5H)-Pyrimidinetrione...	240	C12H20N2O3	028239-45-4	38
5		Silane, tetra-1-propynyl-	184	C12H12Si	020143-21-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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Acq On : 16 Nov 2014 4:00
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ClientSampleId :
SB-74(7-9)

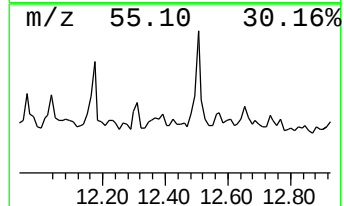
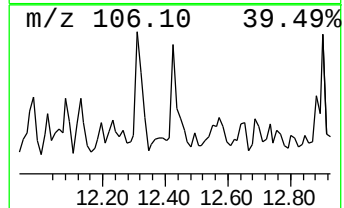
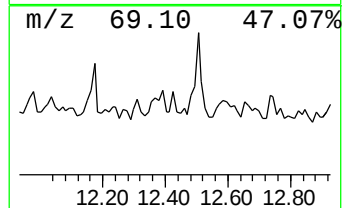
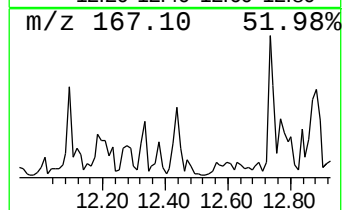
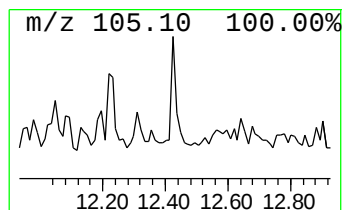
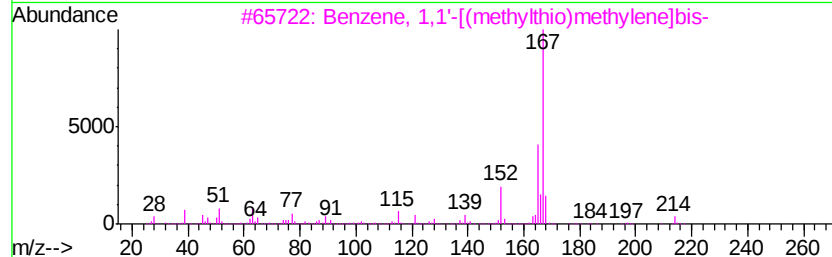
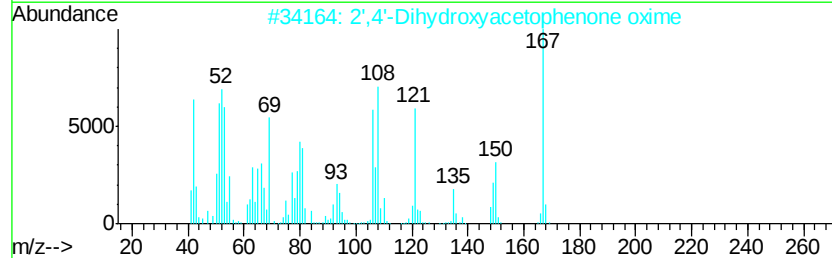
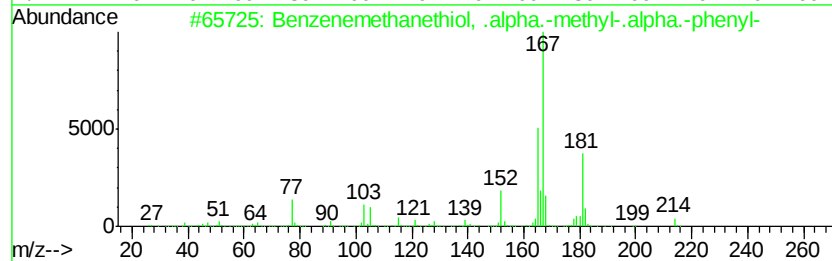
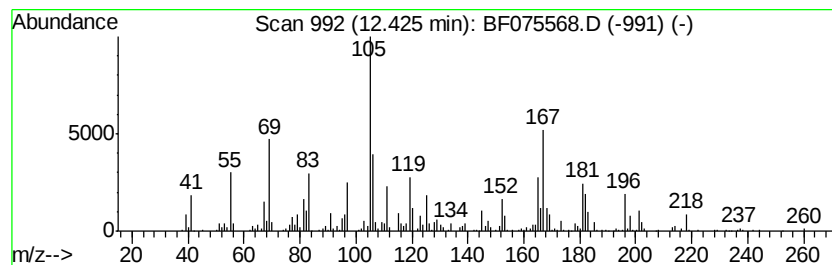
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.43 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	30.63 ng	732459	Phenanthrene-d10	13.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanethiol, .alpha.-met...	214	C14H14S	074630-84-5	38
2		2',4'-Dihydroxyacetophenone oxime	167	C8H9NO3	1000212-89-5	38
3		Benzene, 1,1'-[(methylthio)methy...	214	C14H14S	015733-08-1	25
4		Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	18
5		4-Ethylbiphenyl	182	C14H14	005707-44-8	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075568.D
Acq On : 16 Nov 2014 4:00
Operator : TP / JJ
Sample : F4695-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

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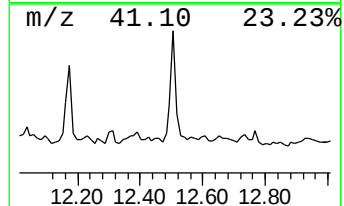
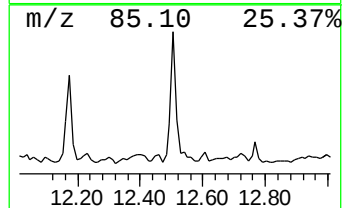
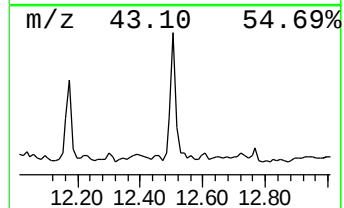
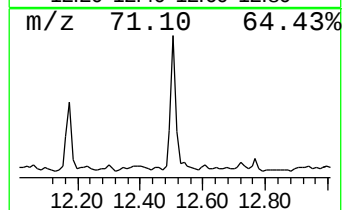
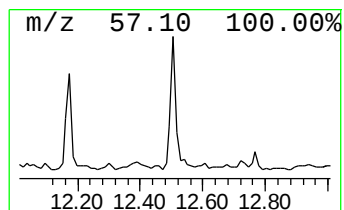
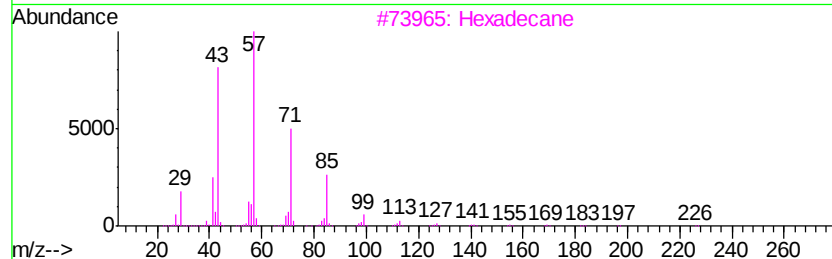
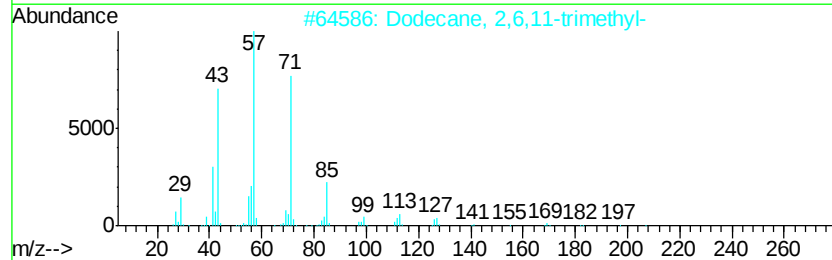
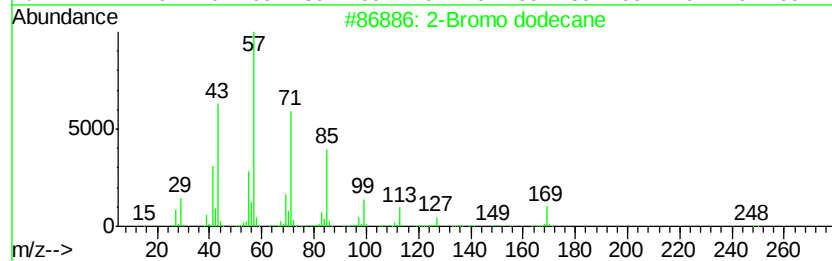
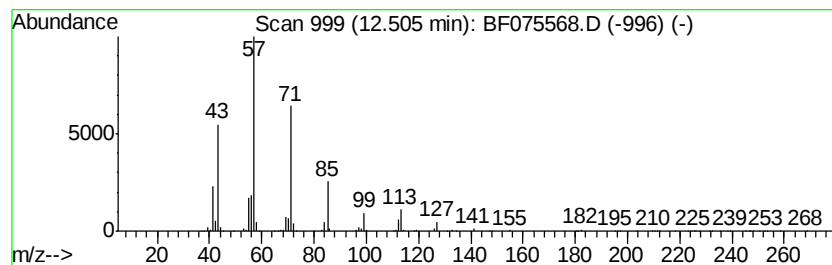
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Bromo dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	204.18 ng	4883030	Phenanthrene-d10	13.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
3		Hexadecane	226	C16H34	000544-76-3	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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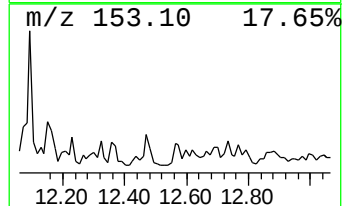
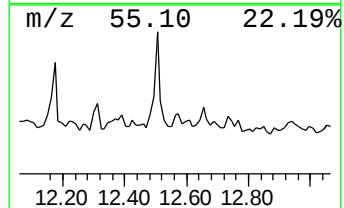
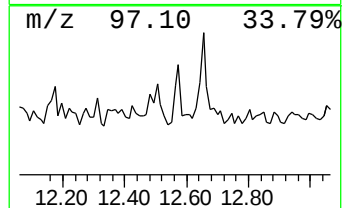
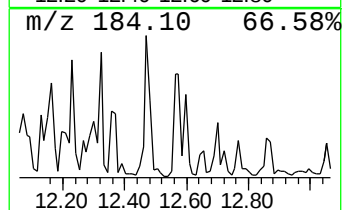
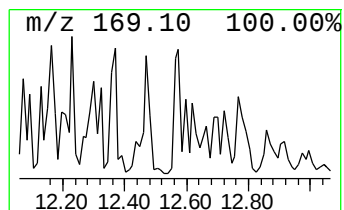
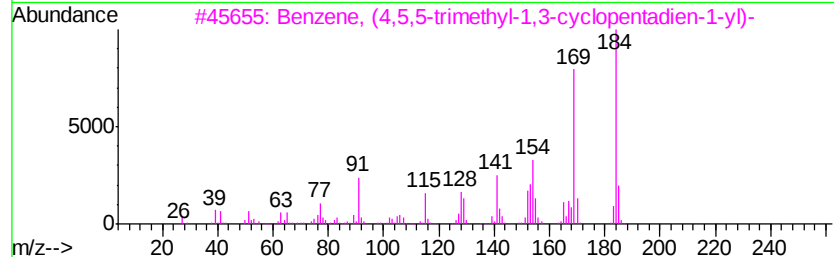
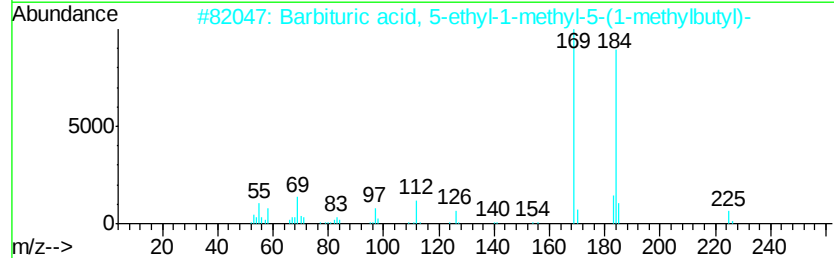
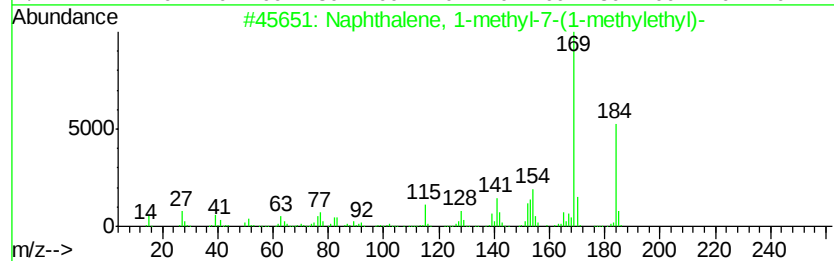
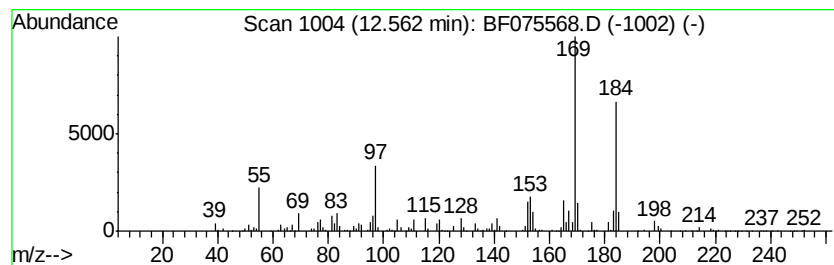
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1-methyl-7-(1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	23.74 ng	567805	Phenanthrene-d10	13.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	64
2		Barbituric acid, 5-ethyl-1-methy...	240	C12H20N2O3	057562-99-9	59
3		Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	59
4		3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	58
5		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	53



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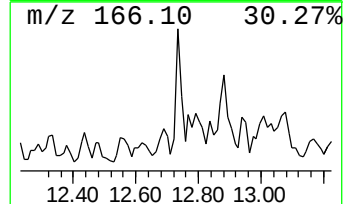
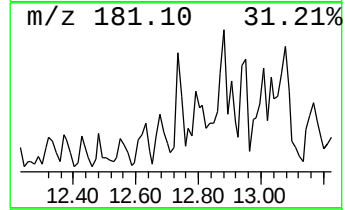
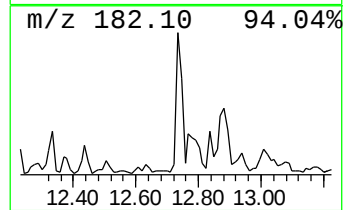
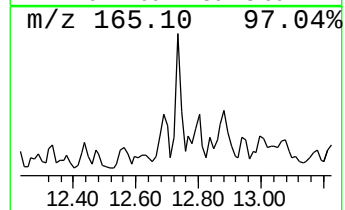
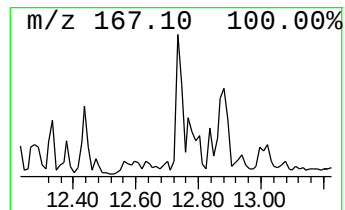
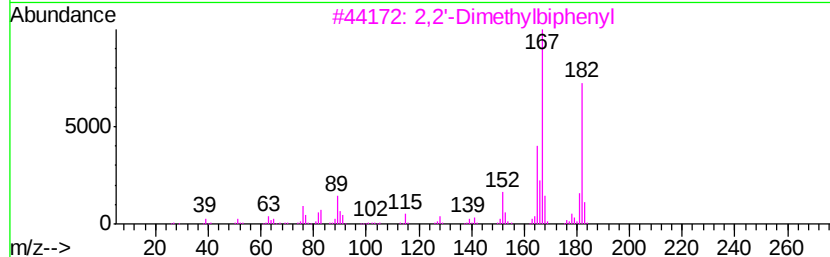
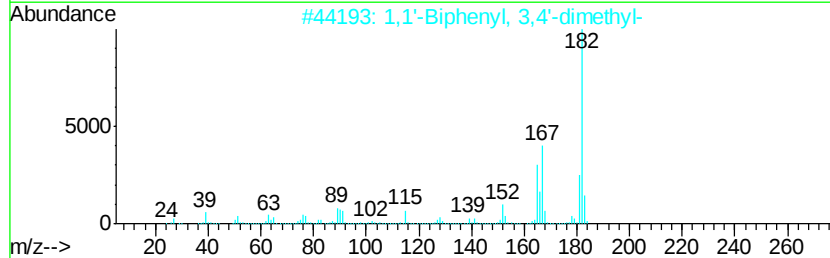
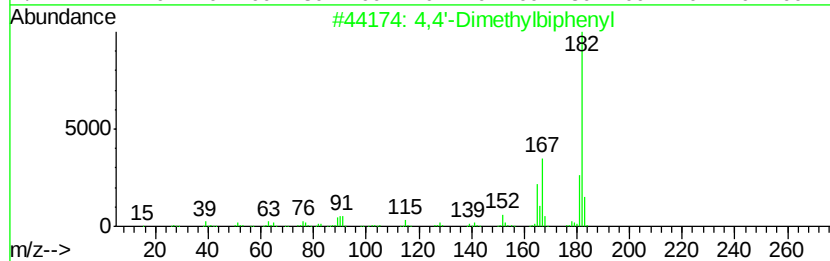
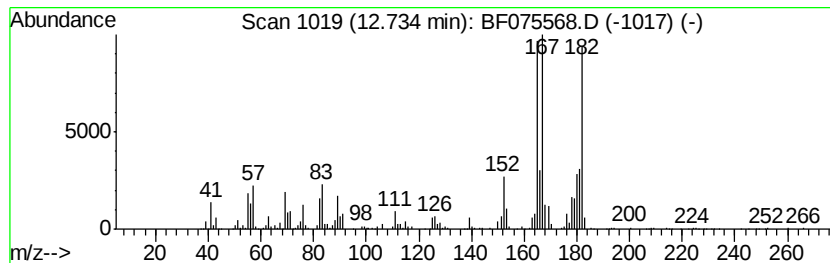
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4,4'-Dimethylbiphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	53.15 ng	1271020	Phenanthrene-d10	13.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	68
2		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	68
3		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	62
4		1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	58
5		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075568.D
Acq On : 16 Nov 2014 4:00
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ALS Vial : 66 Sample Multiplier: 1

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ClientSampleId :
SB-74(7-9)

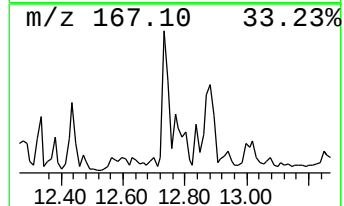
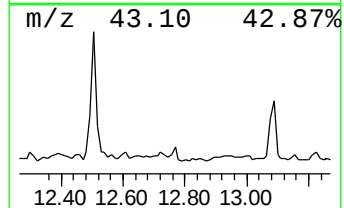
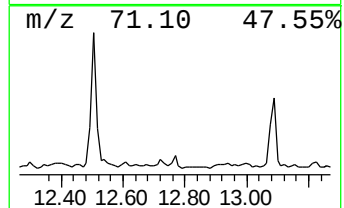
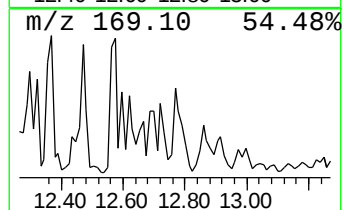
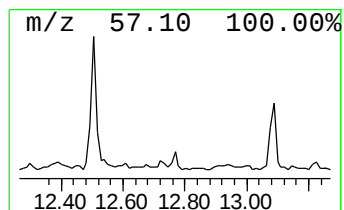
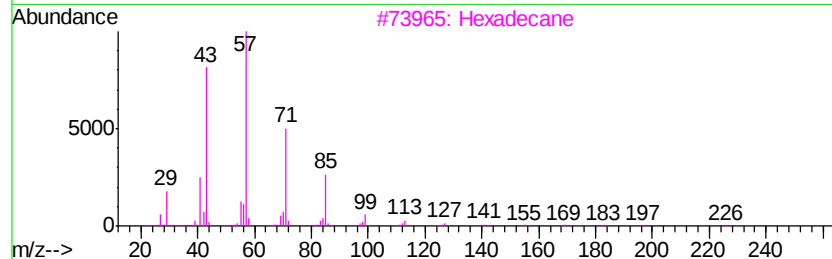
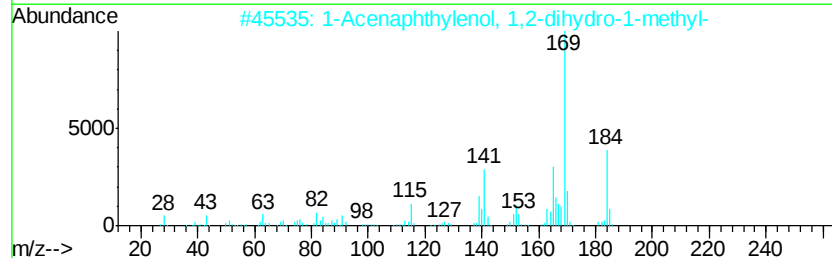
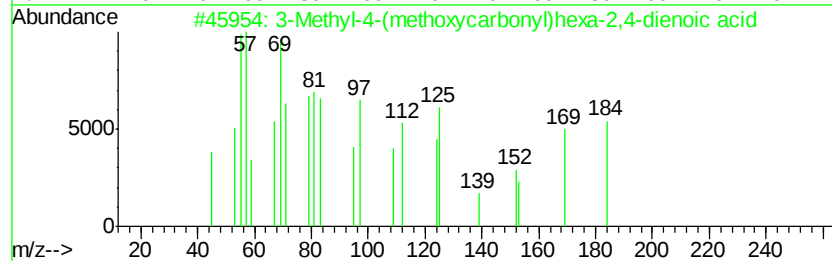
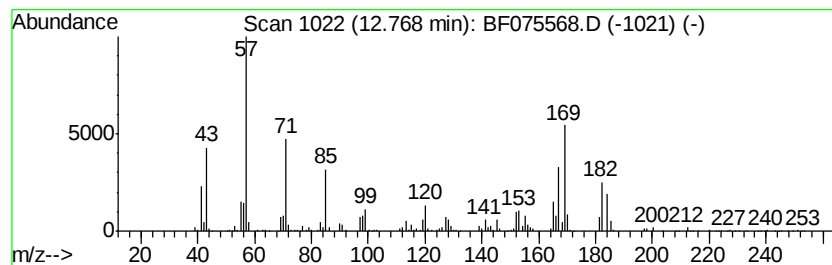
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 3-Methyl-4-(methoxycarbonyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	21.39 ng	511518	Phenanthrene-d10	13.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	60
2		1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	38
3		Hexadecane	226	C16H34	000544-76-3	35
4		Pentadecane	212	C15H32	000629-62-9	35
5		Dodecane	170	C12H26	000112-40-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
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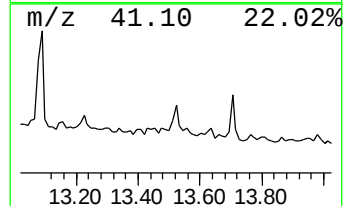
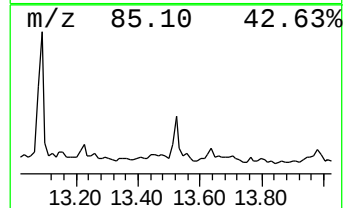
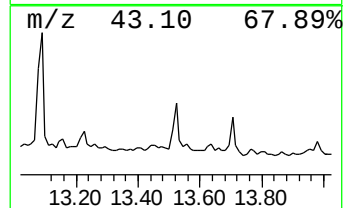
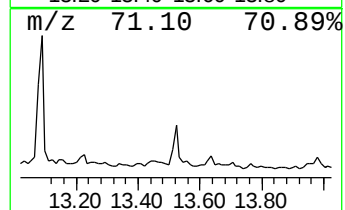
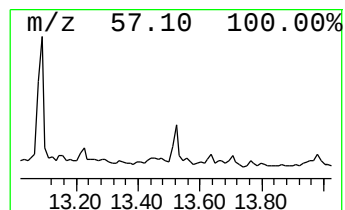
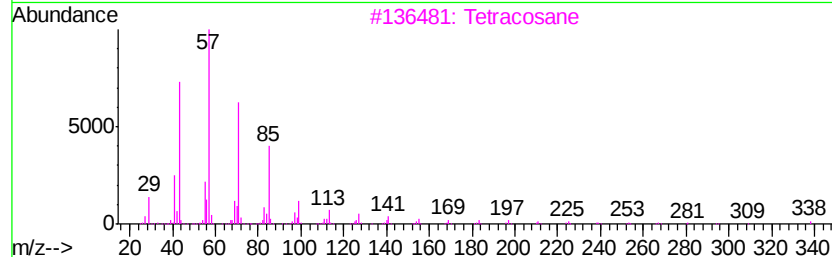
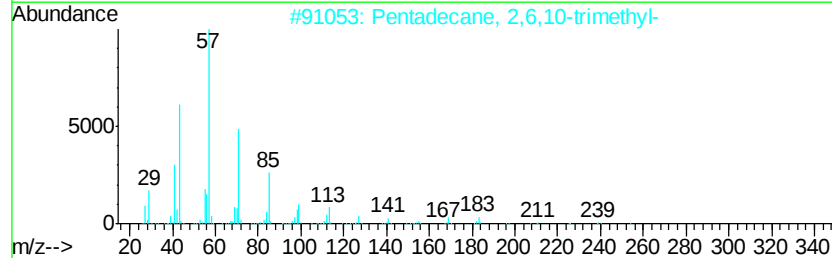
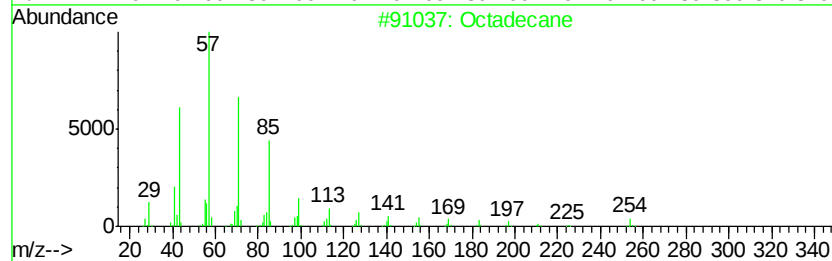
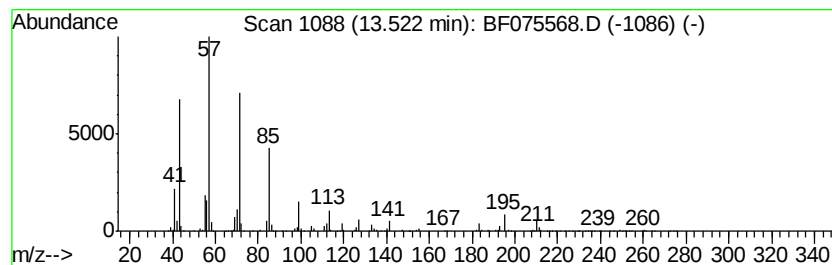
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	49.59 ng	1185990	Phenanthrene-d10	13.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	87
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
3		Tetracosane	338	C24H50	000646-31-1	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5		Octacosane	394	C28H58	000630-02-4	80



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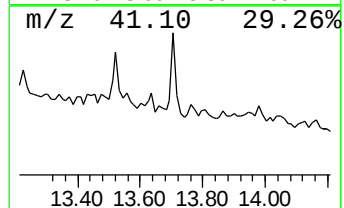
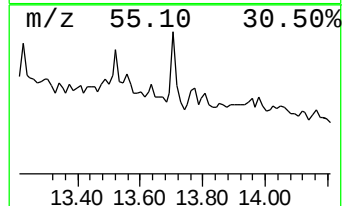
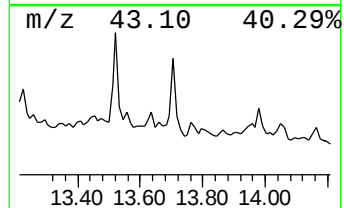
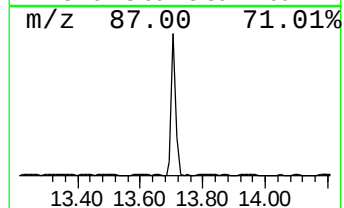
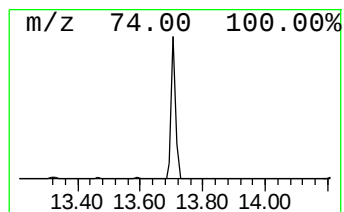
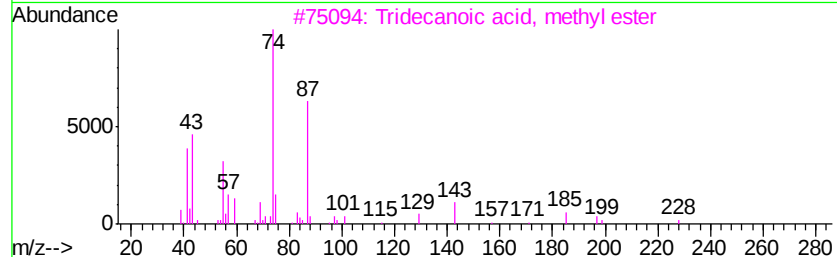
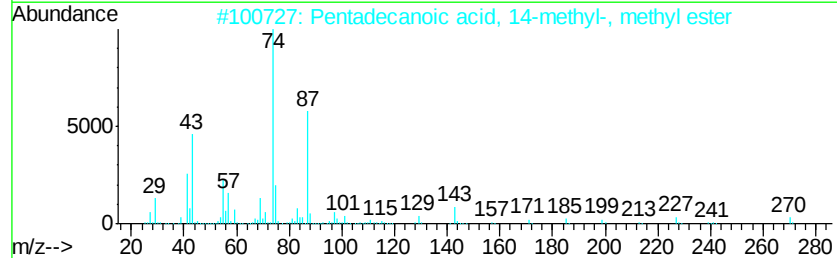
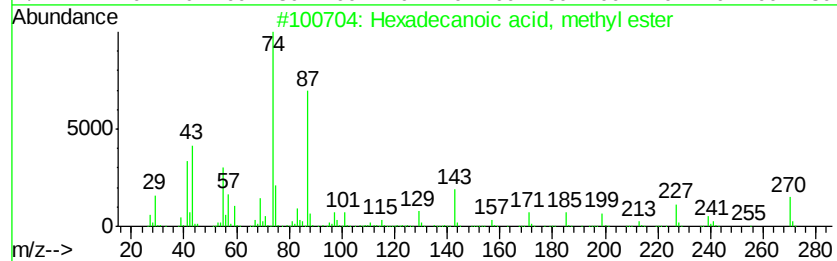
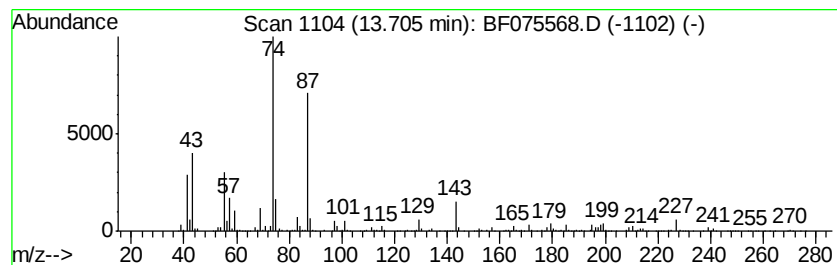
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	59.33 ng	1419000	Phenanthrene-d10	13.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	86



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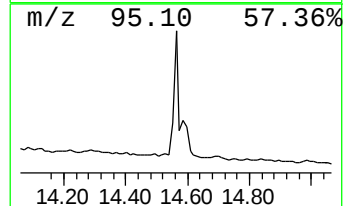
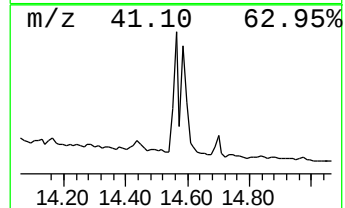
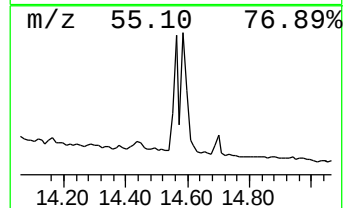
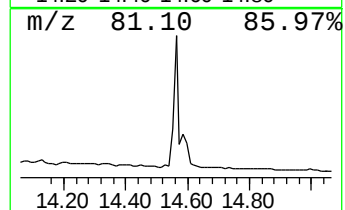
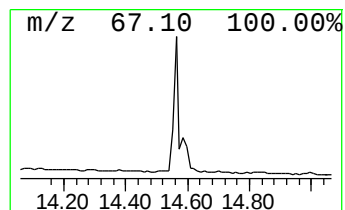
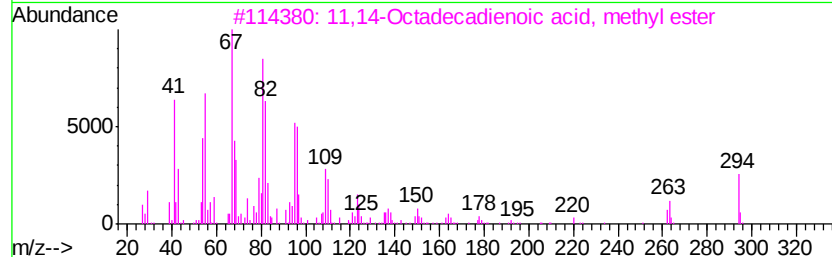
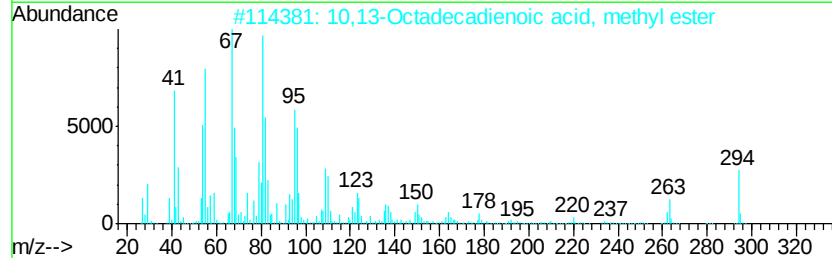
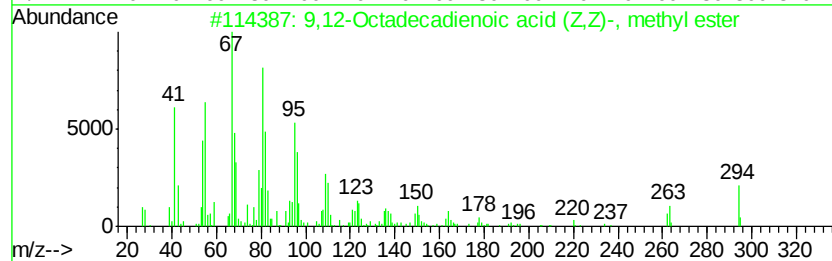
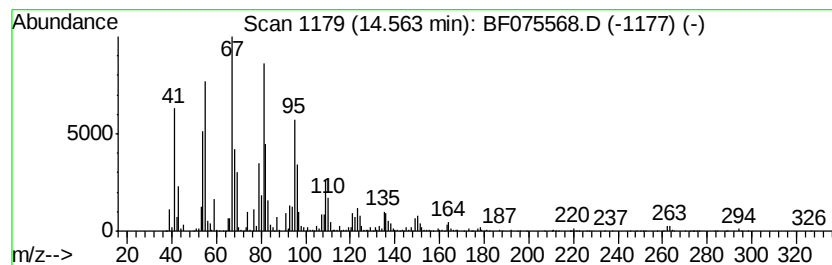
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid (... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	112.18 ng	2682910	Phenanthrene-d10	13.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3			11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97
4			8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	96
5			9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075568.D
Acq On : 16 Nov 2014 4:00
Operator : TP / JJ
Sample : F4695-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-74(7-9)

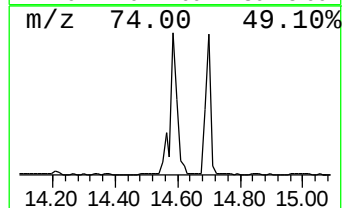
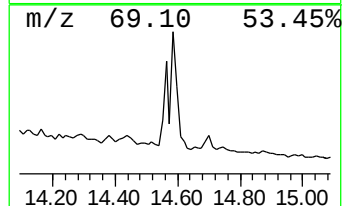
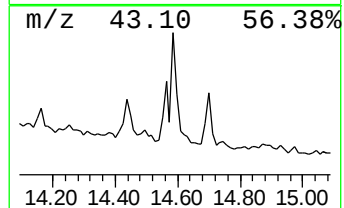
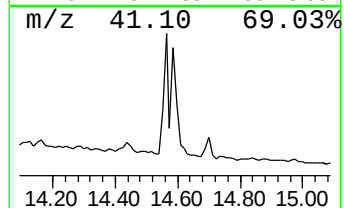
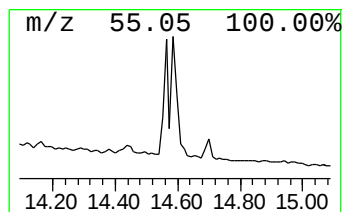
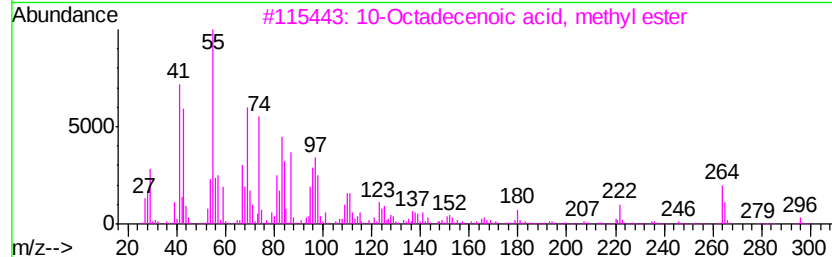
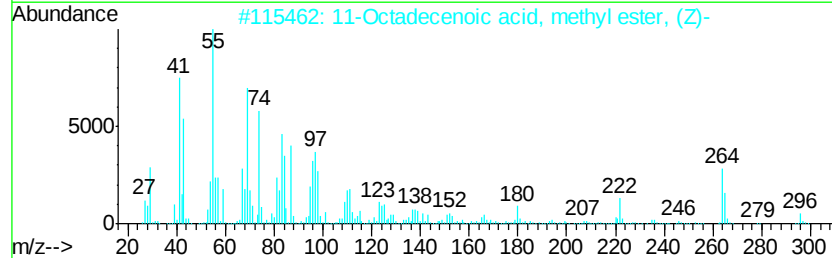
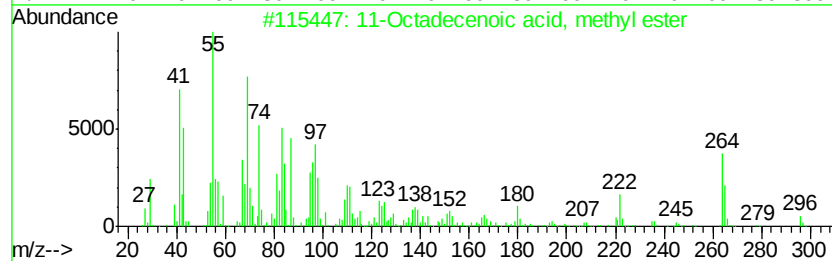
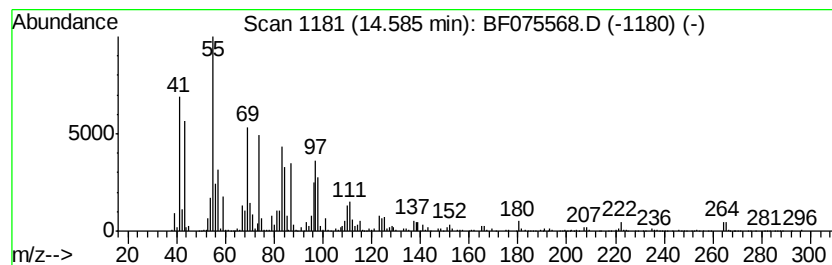
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 11-Octadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	105.39 ng	2520510	Phenanthrene-d10	13.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
2		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
3		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
4		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
5		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075568.D
 Acq On : 16 Nov 2014 4:00
 Operator : TP / JJ
 Sample : F4695-06
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-74(7-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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
unknown1.62	1.62	151.5	ng	3635540	1	7.56	480059	20.0
2-Pentanone, 4-hy...	5.35	22.6	ng	542384	1	7.56	480059	20.0
unknown7.27	7.27	56.9	ng	1366610	1	7.56	480059	20.0
Naphthalene, deca...	8.69	20.4	ng	1306130	2	9.14	1277140	20.0
Octane, 3,6-dimet...	9.69	58.2	ng	3714430	2	9.14	1277140	20.0
unknown9.92	9.92	19.5	ng	1244500	2	9.14	1277140	20.0
Hexadecane	10.61	28.8	ng	3121260	3	11.33	2167580	20.0
Pentadecane	12.17	35.9	ng	3894870	3	11.33	2167580	20.0
Naphthalene, 1,2,...	12.37	46.3	ng	1106160	4	13.18	478307	20.0
unknown12.43	12.43	30.6	ng	732459	4	13.18	478307	20.0
2-Bromo dodecane	12.51	204.2	ng	4883030	4	13.18	478307	20.0
Naphthalene, 1-me...	12.56	23.7	ng	567805	4	13.18	478307	20.0
4,4'-Dimethylbiph...	12.73	53.1	ng	1271020	4	13.18	478307	20.0
3-Methyl-4-(metho...	12.77	21.4	ng	511518	4	13.18	478307	20.0
Octadecane	13.52	49.6	ng	1185990	4	13.18	478307	20.0
Hexadecanoic acid...	13.71	59.3	ng	1419000	4	13.18	478307	20.0
9,12-Octadecadien...	14.56	112.2	ng	2682910	4	13.18	478307	20.0
11-Octadecenoic a...	14.59	105.4	ng	2520510	4	13.18	478307	20.0