

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101731.D
 Acq On : 26 Dec 2017 23:20
 Operator : SJ/JU
 Sample : I6966-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-EW-3-4-10

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-BF121417.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	5.010	494	497	512	rBV	288973	509734	16.39%	1.580%
2	5.375	554	559	562	rBV2	26906	44418	1.43%	0.138%
3	5.410	562	565	593	rVB	2211930	3062624	98.51%	9.495%
4	6.304	714	717	722	rBV3	28744	39110	1.26%	0.121%
5	6.434	735	739	757	rBV	2496154	3109101	100.00%	9.639%
6	6.563	757	761	766	rVV	2934243	2834050	91.15%	8.786%
7	6.610	766	769	775	rVB	148679	149621	4.81%	0.464%
8	6.786	796	799	806	rBV	797951	836391	26.90%	2.593%
9	6.945	822	826	839	rVB	2020612	2045831	65.80%	6.342%
10	7.110	851	854	859	rBV4	33426	42535	1.37%	0.132%
11	7.357	893	896	910	rBV	1536903	1860565	59.84%	5.768%
12	7.804	968	972	976	rBV3	67633	72169	2.32%	0.224%
13	8.039	1009	1012	1014	rBV	141718	117462	3.78%	0.364%
14	8.069	1014	1017	1020	rVV	990907	1005615	32.34%	3.118%
15	8.092	1020	1021	1023	rVV	330876	249521	8.03%	0.774%
16	8.116	1023	1025	1028	rVV	178776	158416	5.10%	0.491%
17	8.151	1028	1031	1038	rVB6	38572	66739	2.15%	0.207%
18	8.351	1057	1065	1070	rBV5	81038	148053	4.76%	0.459%
19	8.475	1083	1086	1088	rBV	188511	144032	4.63%	0.447%
20	8.598	1104	1107	1110	rBV3	40590	46358	1.49%	0.144%
21	8.645	1113	1115	1119	rVV	178203	158606	5.10%	0.492%
22	8.745	1128	1132	1136	rVB2	71424	92665	2.98%	0.287%
23	8.786	1136	1139	1145	rBV	244727	263157	8.46%	0.816%
24	8.833	1145	1147	1150	rBV4	33823	43296	1.39%	0.134%
25	8.886	1153	1156	1161	rVB	195005	197055	6.34%	0.611%
26	8.933	1161	1164	1167	rBV4	58363	81074	2.61%	0.251%
27	9.010	1175	1177	1181	rBV	73547	65395	2.10%	0.203%
28	9.051	1181	1184	1186	rBV	96467	79145	2.55%	0.245%
29	9.075	1186	1188	1195	rVB	236177	196379	6.32%	0.609%
30	9.145	1196	1200	1207	rBV	2597646	2369090	76.20%	7.345%
31	9.216	1208	1212	1215	rBV	293911	307737	9.90%	0.954%
32	9.251	1215	1218	1221	rBV	100289	102270	3.29%	0.317%
33	9.345	1229	1234	1238	rBV2	54585	105507	3.39%	0.327%
34	9.410	1242	1245	1250	rBV2	133440	225343	7.25%	0.699%

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Max Peaks: 100
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35	9.486	1253	1258	1261	rVV3	207533	261180	8.40%	0.810%
36	9.533	1261	1266	1273	rVB5	327694	631596	20.31%	1.958%
37	9.680	1288	1291	1295	rBV3	139904	208024	6.69%	0.645%
38	9.722	1295	1298	1300	rVV	169533	186418	6.00%	0.578%
39	9.739	1300	1301	1306	rVB	255852	220838	7.10%	0.685%
40	9.827	1313	1316	1319	rVV	862142	714980	23.00%	2.217%
41	9.857	1319	1321	1324	rVB	177370	177067	5.70%	0.549%
42	9.927	1330	1333	1337	rBV3	74408	106265	3.42%	0.329%
43	9.974	1338	1341	1343	rVV2	81488	106119	3.41%	0.329%
44	10.004	1343	1346	1347	rVV	84227	77776	2.50%	0.241%
45	10.033	1348	1351	1354	rVV2	179399	209855	6.75%	0.651%
46	10.069	1354	1357	1360	rVV3	167718	189004	6.08%	0.586%
47	10.145	1366	1370	1373	rBV3	151305	213817	6.88%	0.663%
48	10.180	1373	1376	1379	rVB3	133690	168102	5.41%	0.521%
49	10.221	1380	1383	1384	rBV3	242287	219148	7.05%	0.679%
50	10.239	1384	1386	1389	rVB	317282	281208	9.04%	0.872%
51	10.380	1407	1410	1418	rVB	220807	274391	8.83%	0.851%
52	10.463	1420	1424	1426	rVB	429237	422264	13.58%	1.309%
53	10.621	1448	1451	1455	rBV	1128904	1257376	40.44%	3.898%
54	10.727	1464	1469	1472	rBV	814443	1085969	34.93%	3.367%
55	11.168	1541	1544	1545	rBV	354932	338978	10.90%	1.051%
56	11.192	1546	1548	1551	rVB	559755	497966	16.02%	1.544%
57	11.321	1567	1570	1572	rBV	744002	628637	20.22%	1.949%
58	11.345	1572	1574	1579	rVB	1102041	934875	30.07%	2.898%
59	11.592	1614	1616	1620	rVB	363143	311355	10.01%	0.965%
60	12.545	1776	1778	1782	rBV	708895	699279	22.49%	2.168%
61	12.910	1838	1840	1844	rVB	975827	1004816	32.32%	3.115%

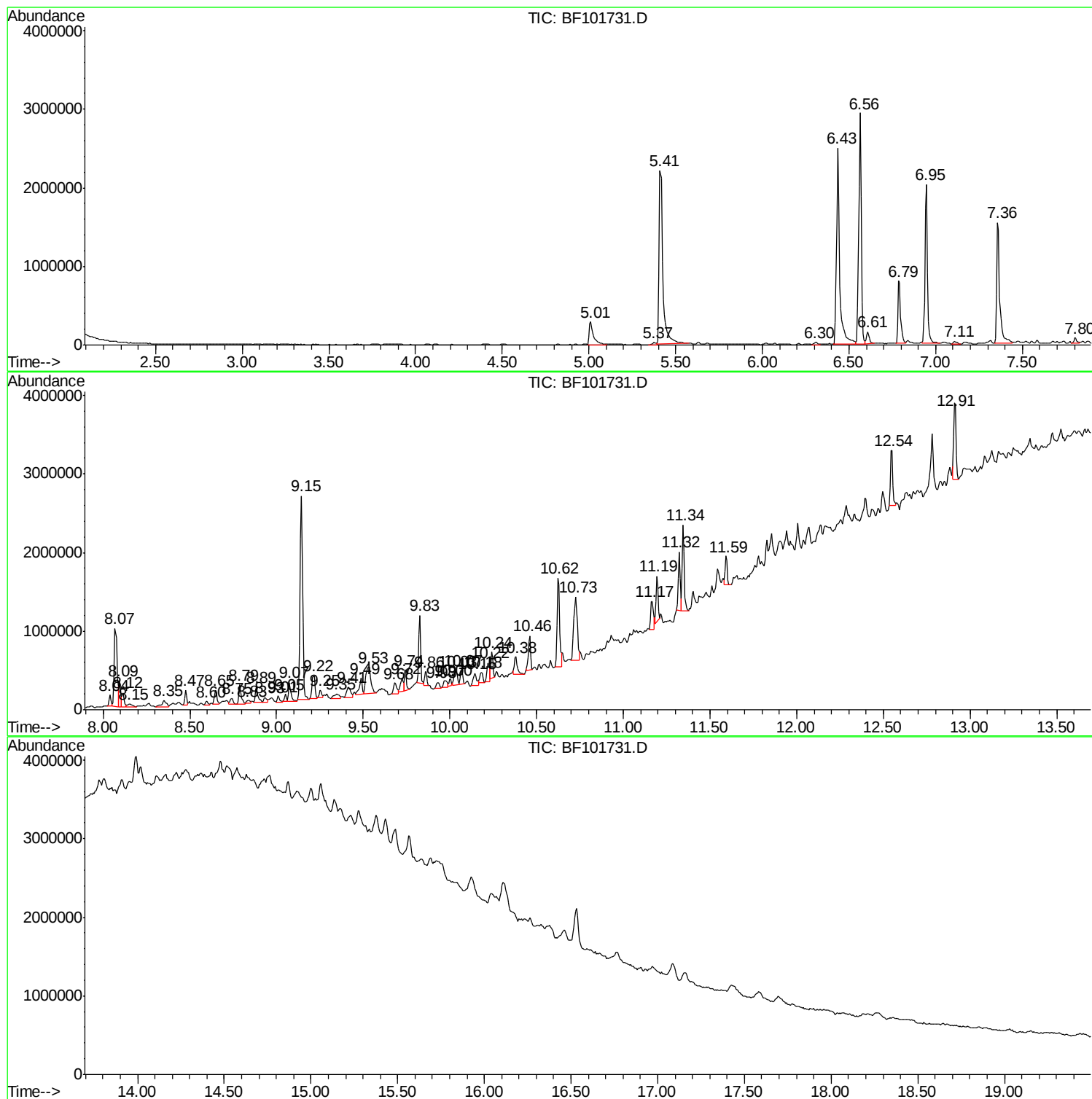
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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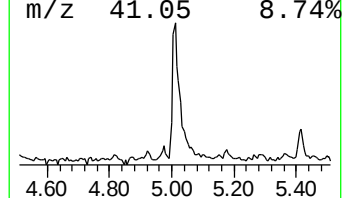
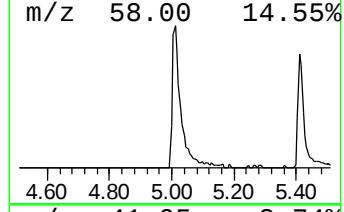
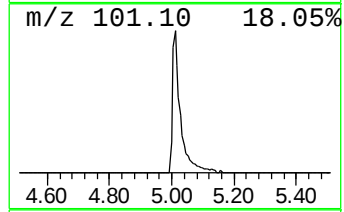
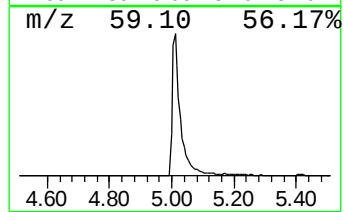
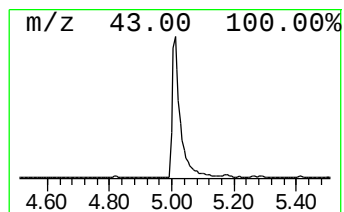
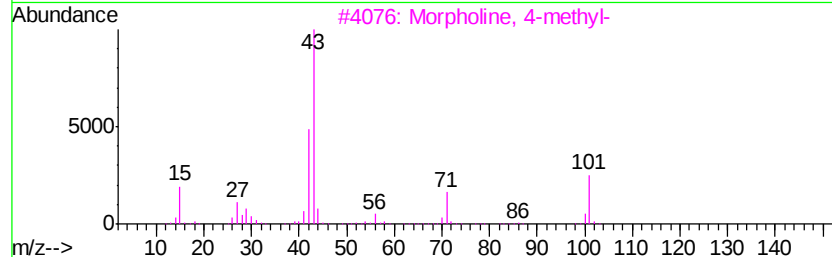
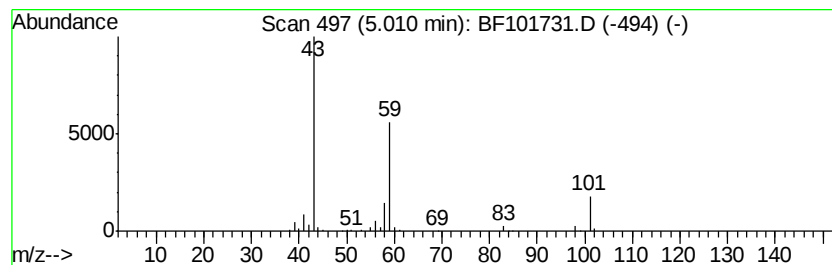
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	12.19 ng	509734	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9



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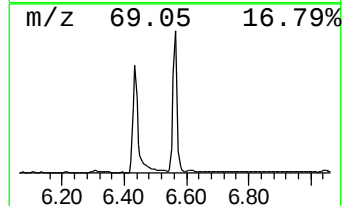
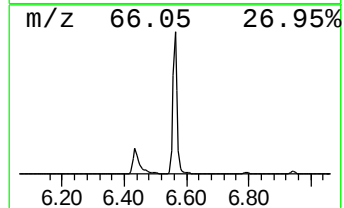
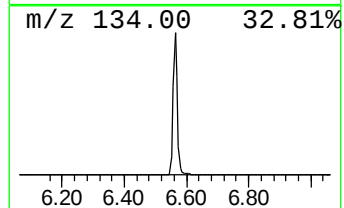
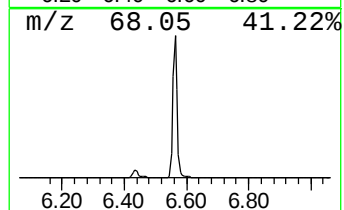
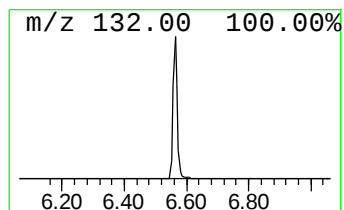
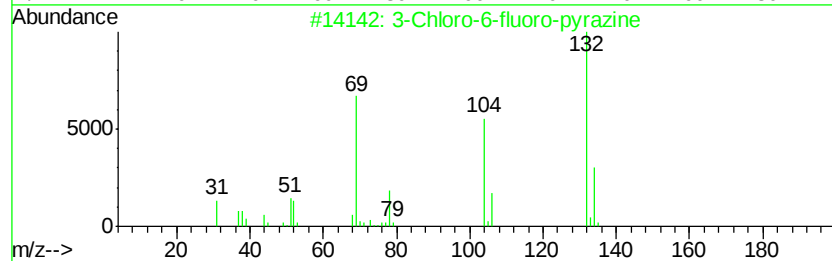
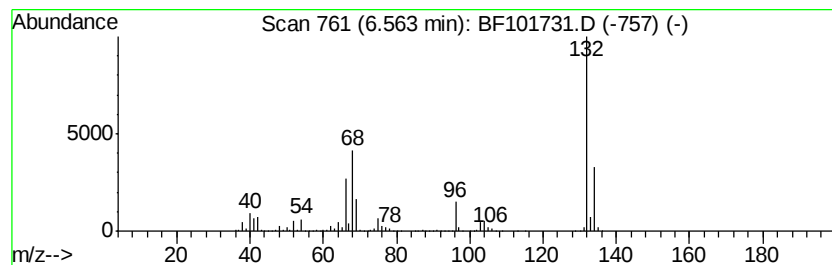
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	67.77 ng	2834050	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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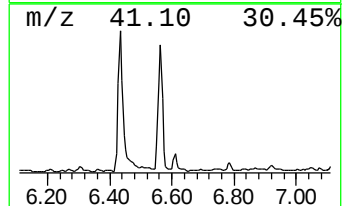
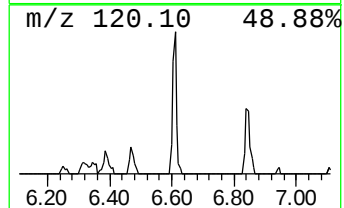
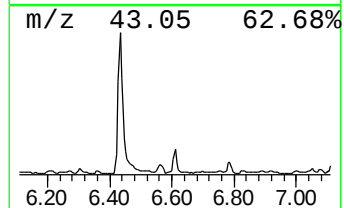
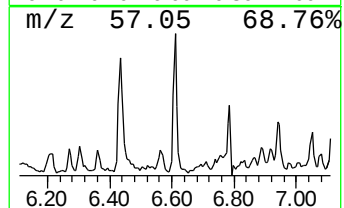
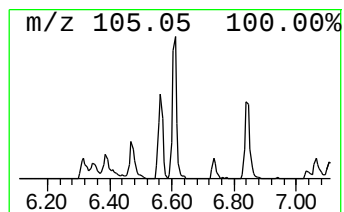
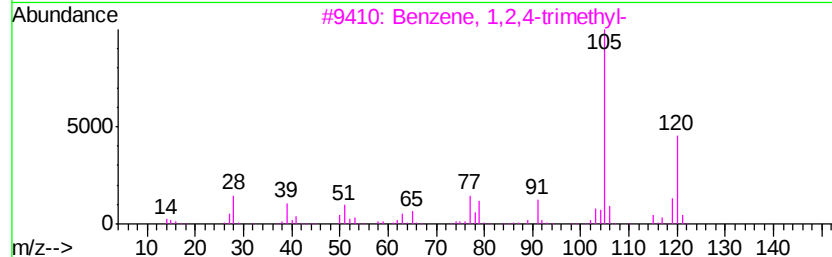
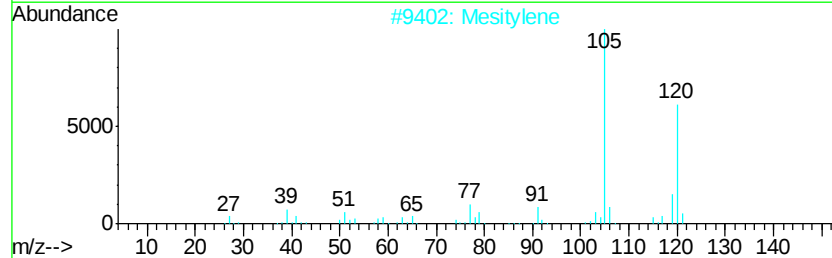
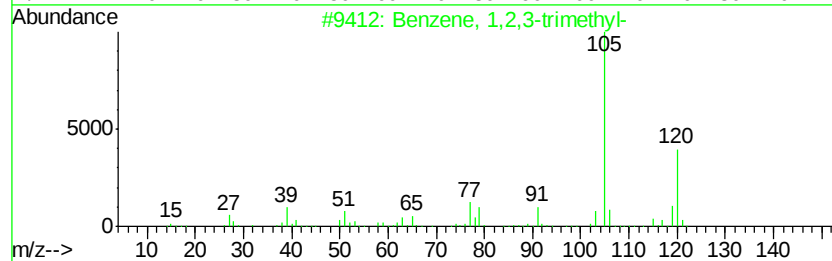
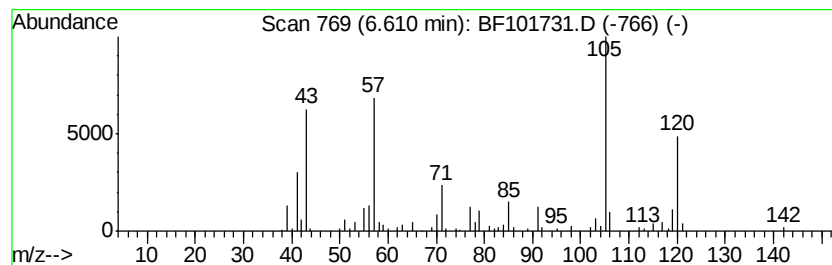
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	3.58 ng	149621	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Mesitylene	120	C9H12	000108-67-8	93
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	89
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70



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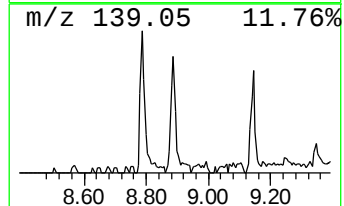
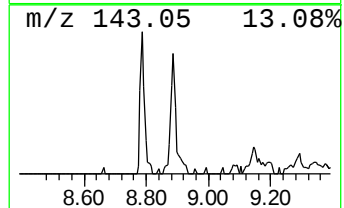
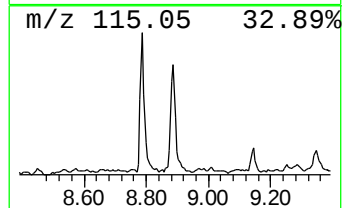
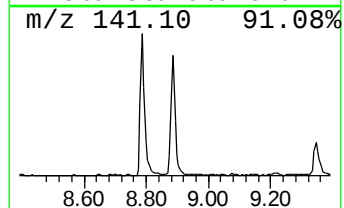
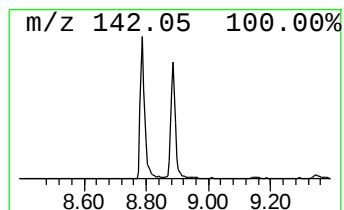
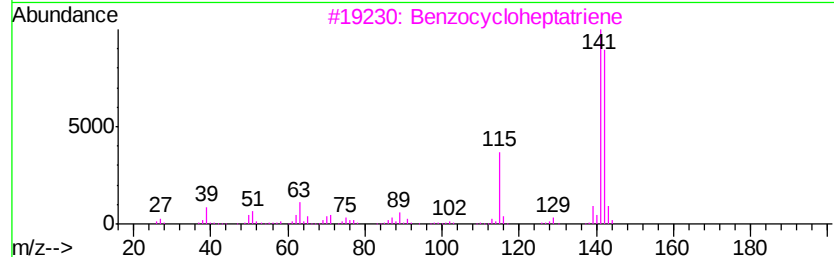
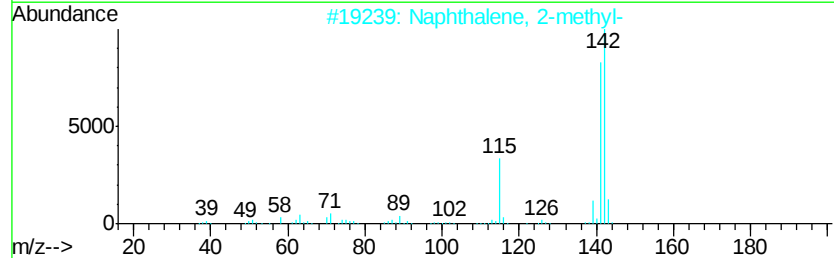
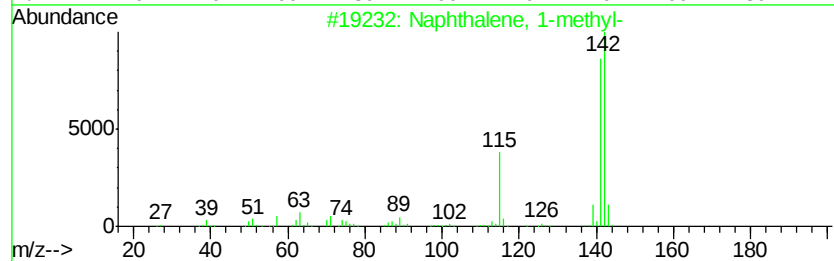
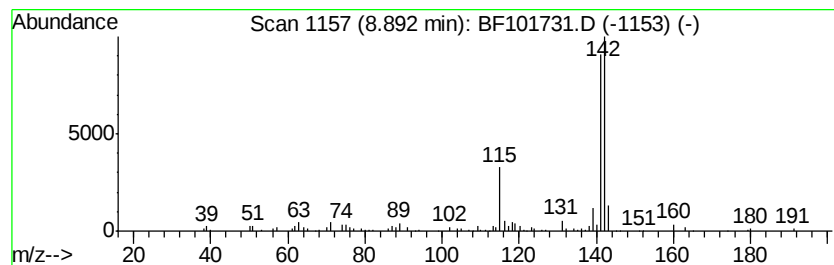
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	3.92 ng	197055	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



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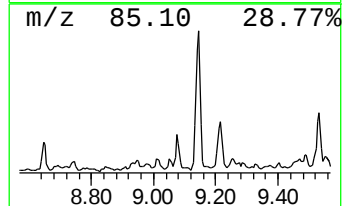
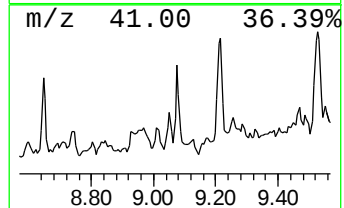
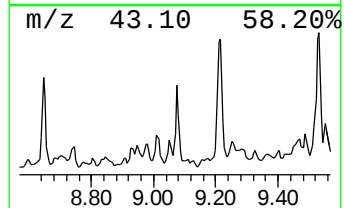
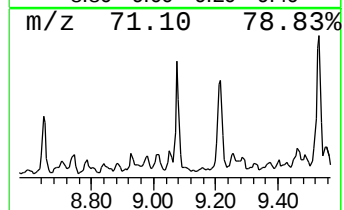
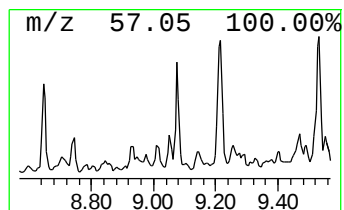
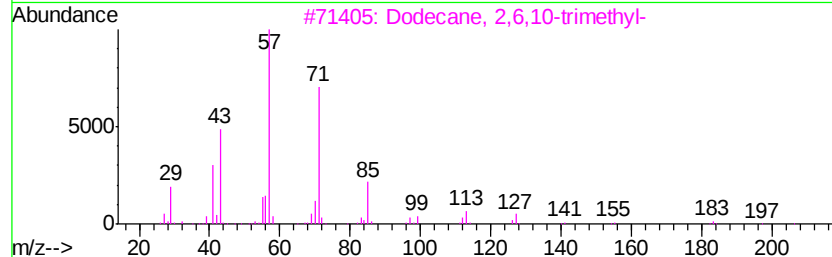
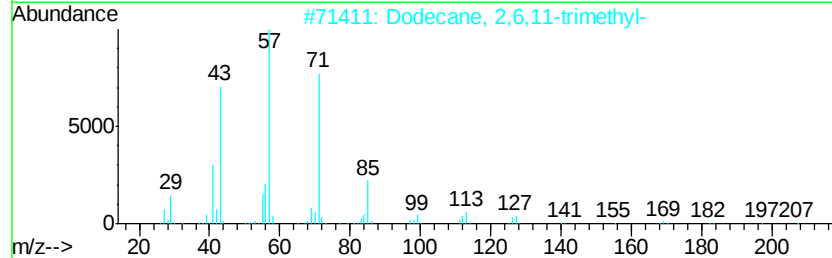
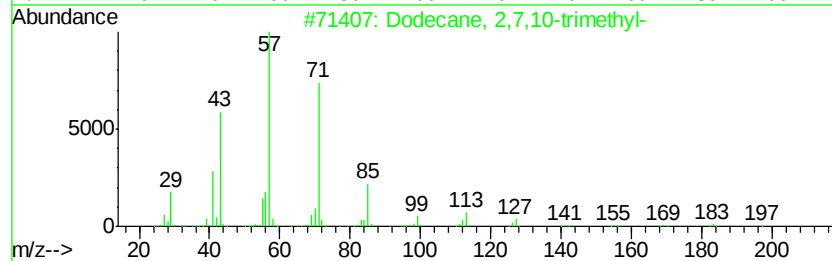
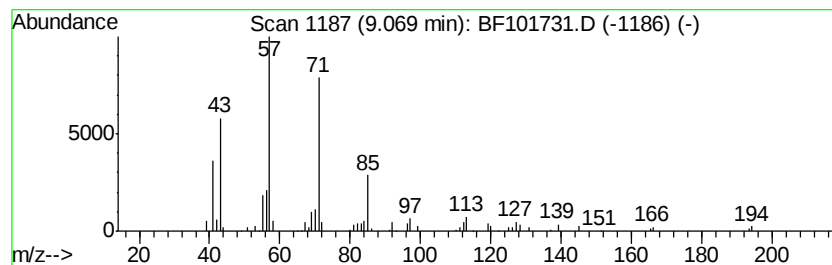
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	5.49 ng	196379	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101731.D
Acq On : 26 Dec 2017 23:20
Operator : SJ/JU
Sample : I6966-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-4-10

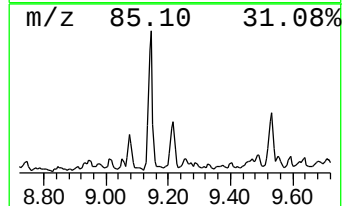
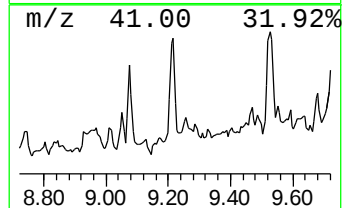
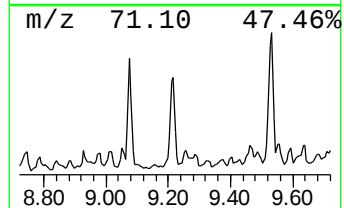
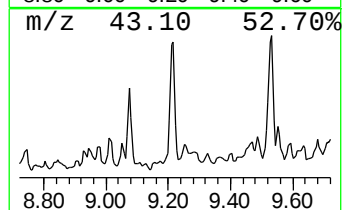
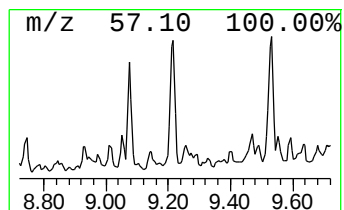
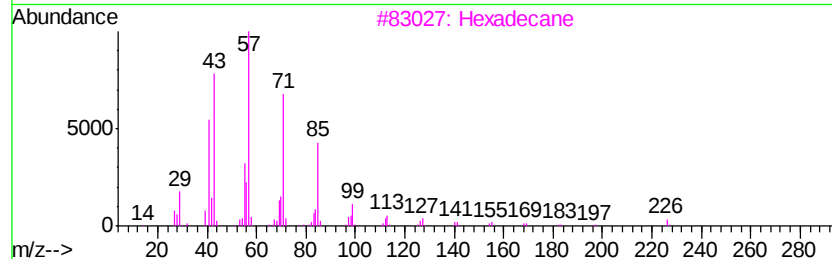
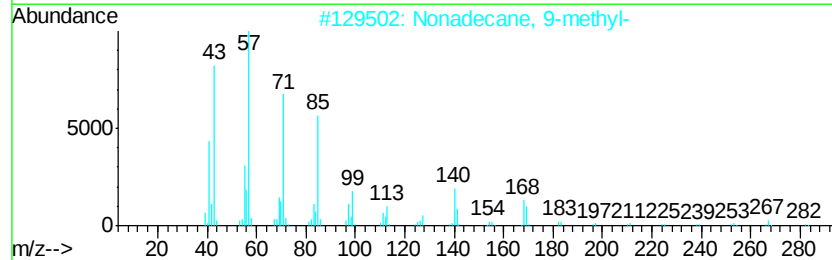
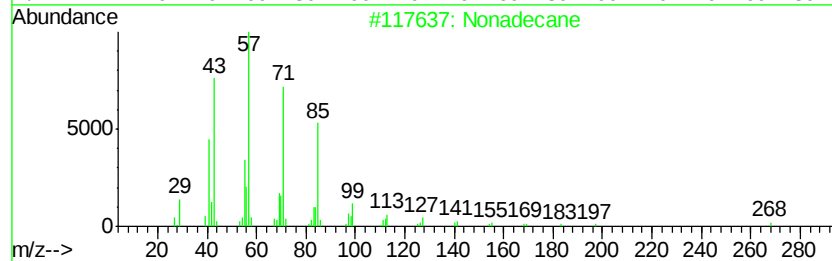
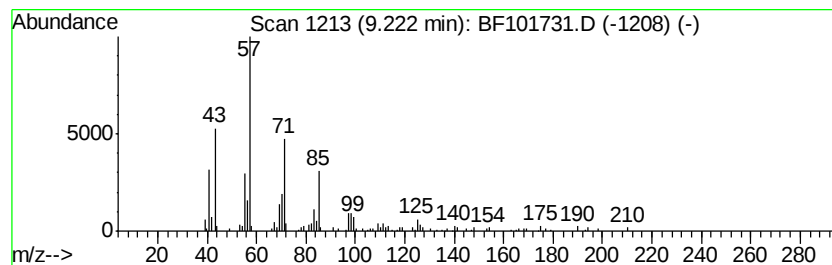
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	8.61 ng	307737	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
3			Hexadecane	226	C16H34	000544-76-3	80
4			Tetradecane	198	C14H30	000629-59-4	74
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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Acq On : 26 Dec 2017 23:20
Operator : SJ/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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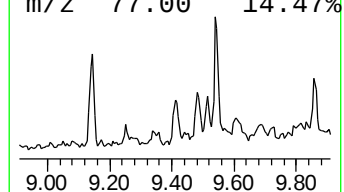
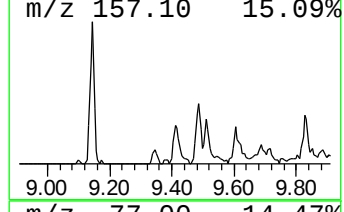
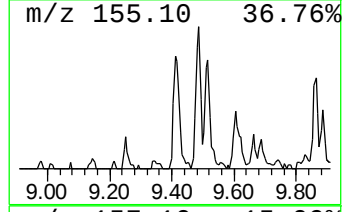
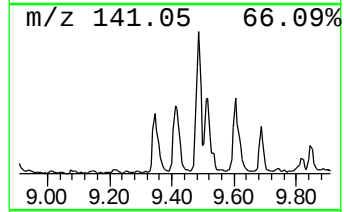
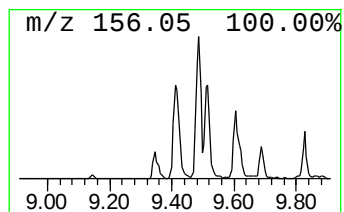
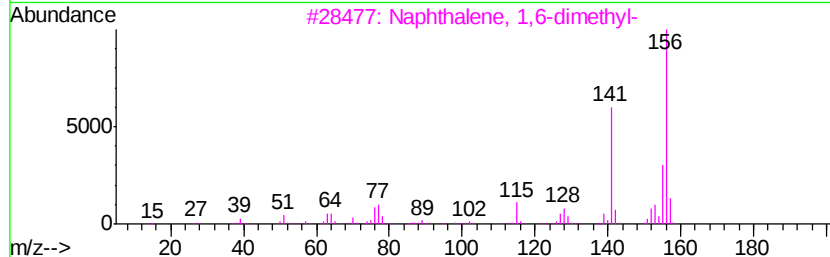
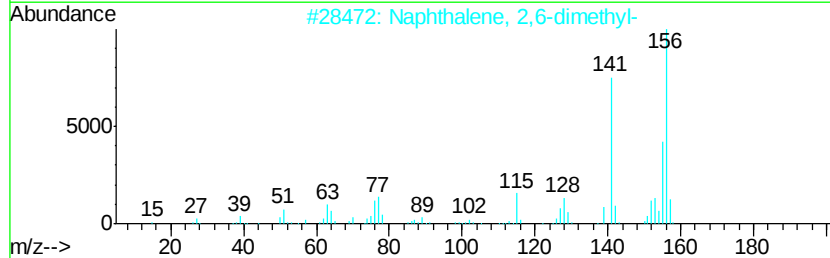
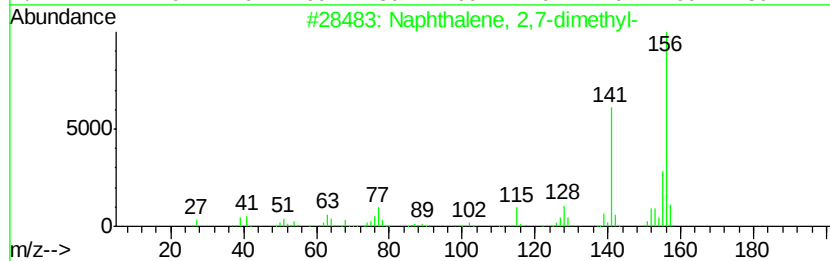
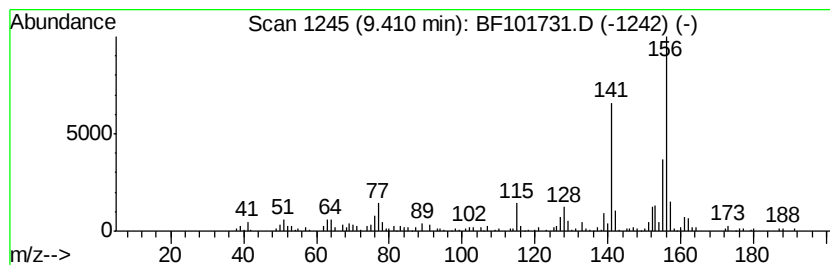
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	6.30 ng	225343	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101731.D
Acq On : 26 Dec 2017 23:20
Operator : SJ/JU
Sample : I6966-06
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ALS Vial : 12 Sample Multiplier: 1

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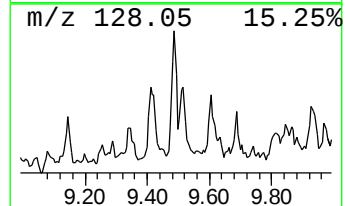
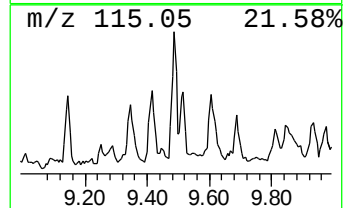
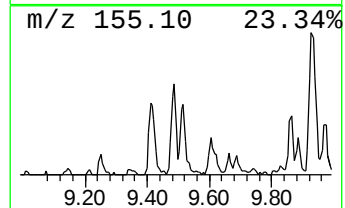
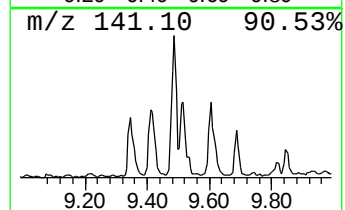
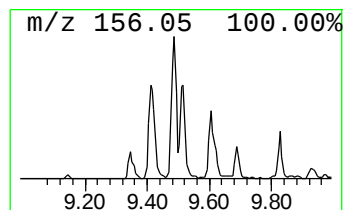
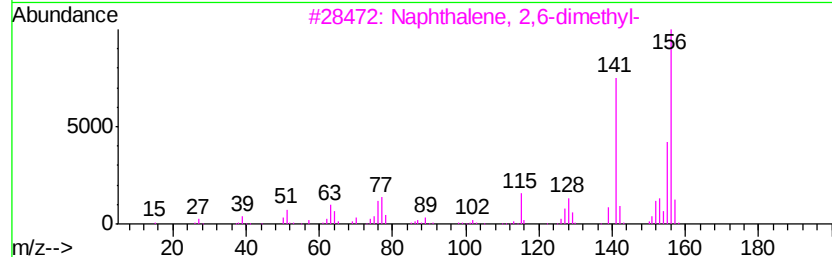
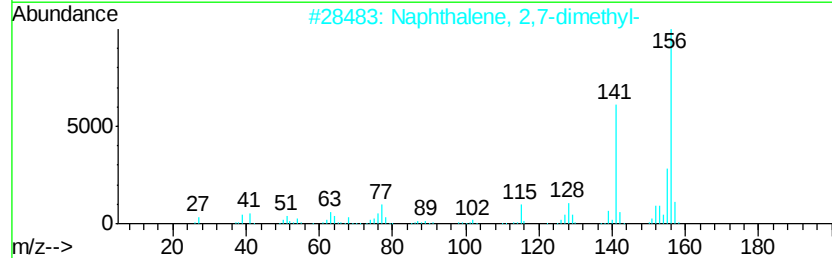
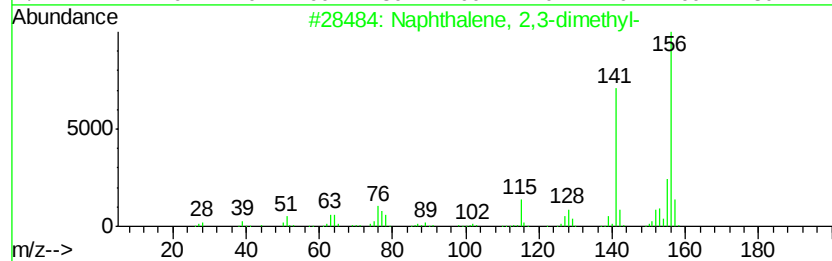
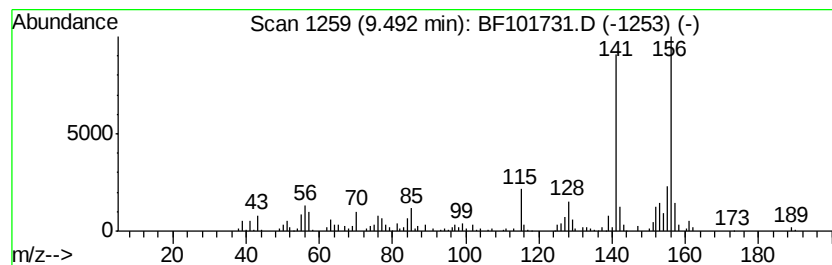
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	7.31 ng	261180	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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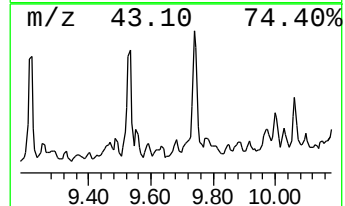
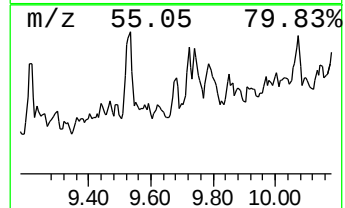
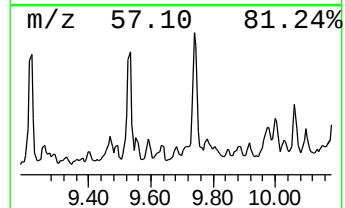
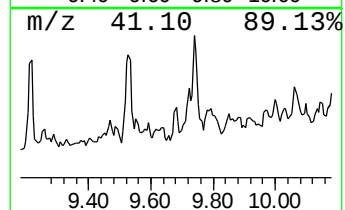
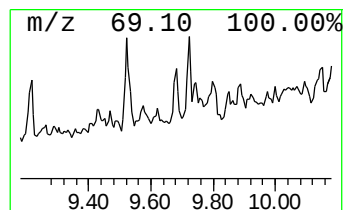
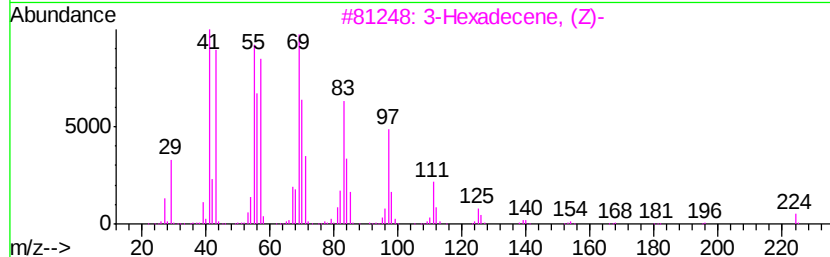
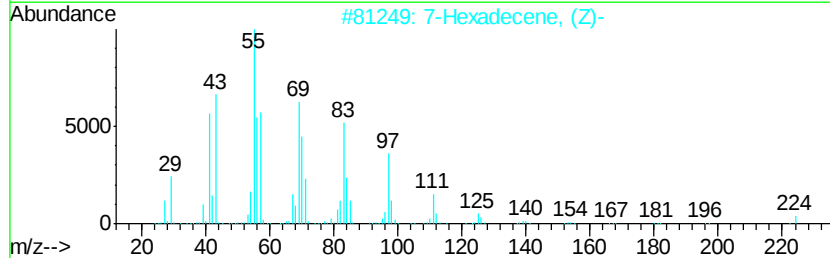
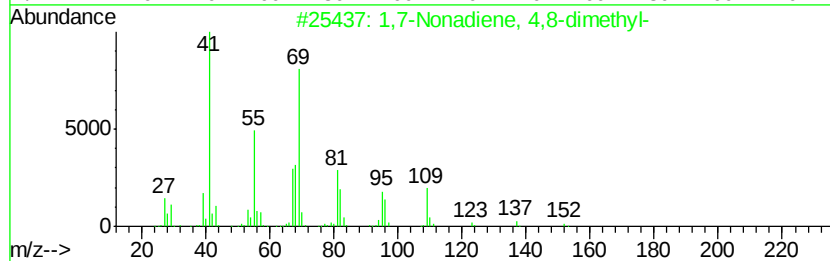
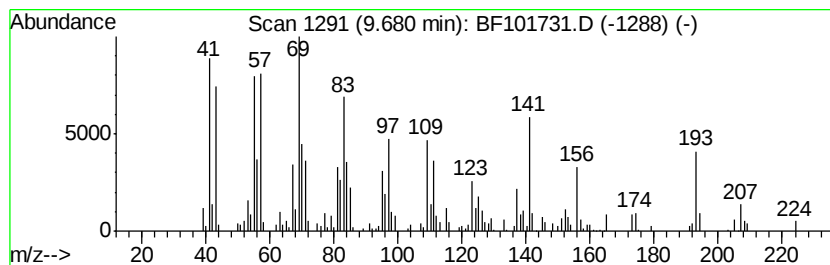
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,7-Nonadiene, 4,8-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.68	5.82 ng	208024	Acenaphthene-d10	9.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	38
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	38
3	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	30
4	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	30
5	1-Piperidinyloxy, 2,2,6,6-tetram...	156	C9H18NO	002564-83-2	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101731.D
Acq On : 26 Dec 2017 23:20
Operator : SJ/JU
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB-EW-3-4-10

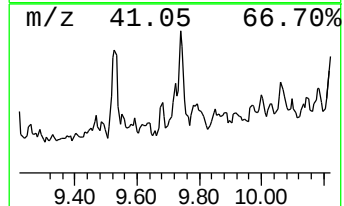
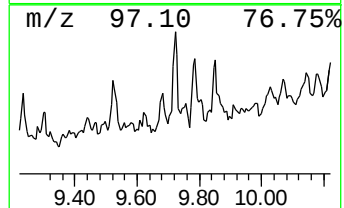
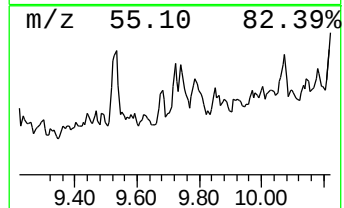
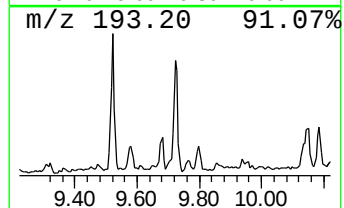
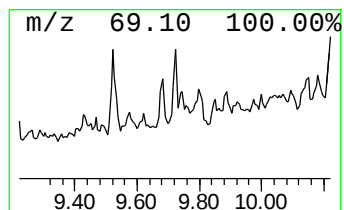
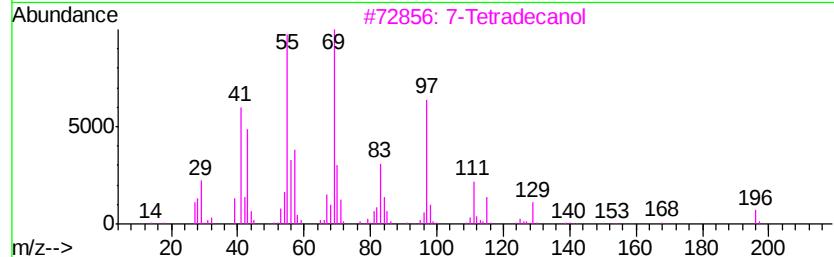
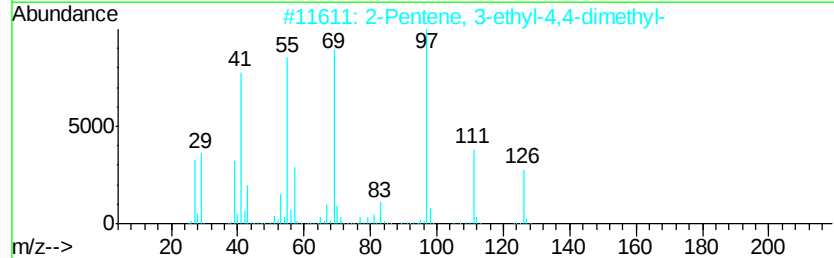
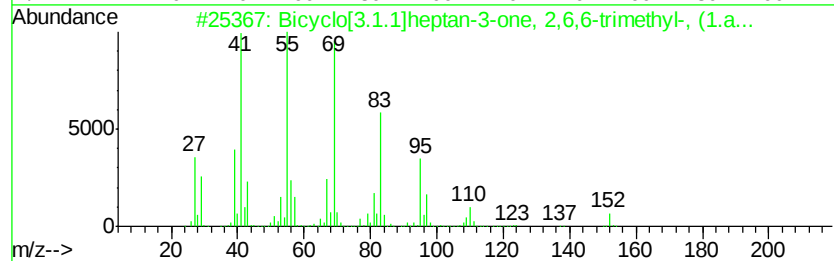
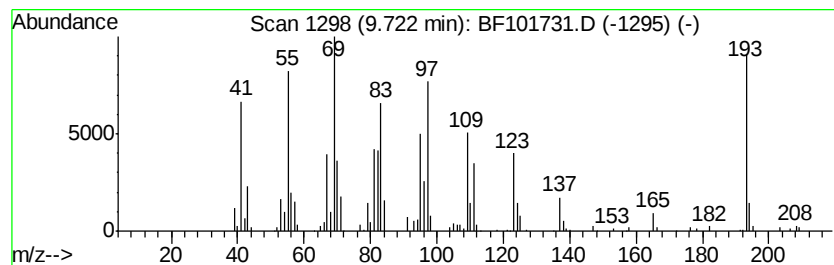
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown9.72 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	5.21 ng	186418	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27
2			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
3			7-Tetradecanol	214	C14H30O	003981-79-1	27
4			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	25
5			(-)-trans-Pinane	138	C10H18	033626-25-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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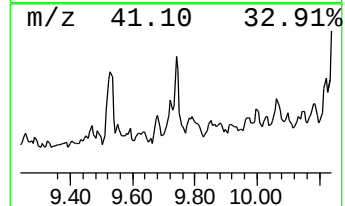
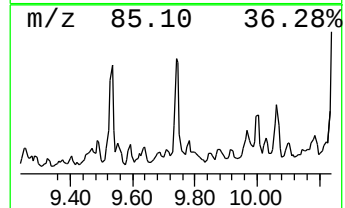
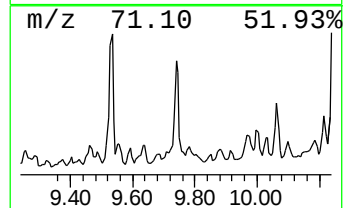
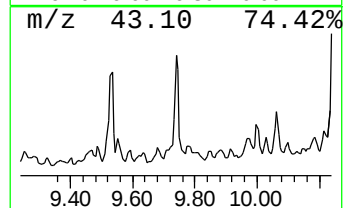
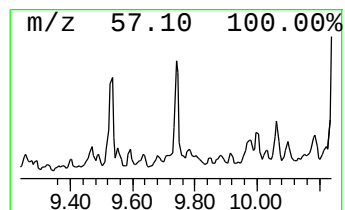
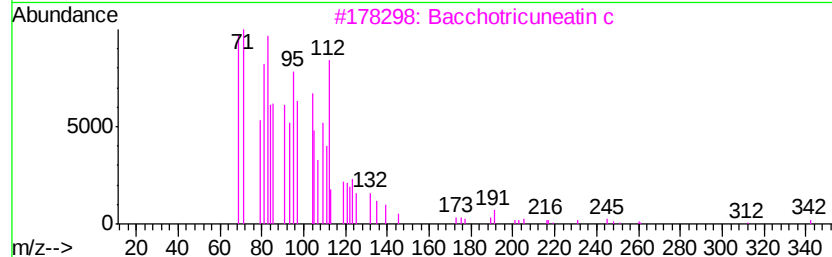
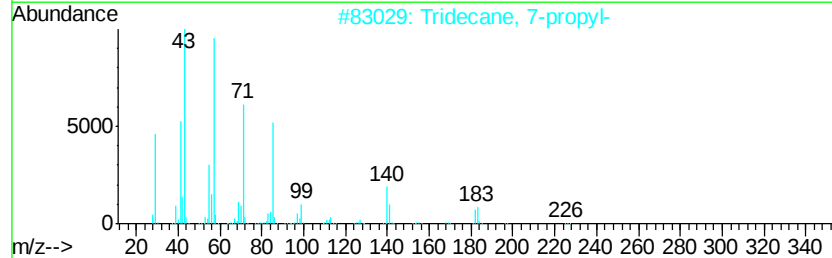
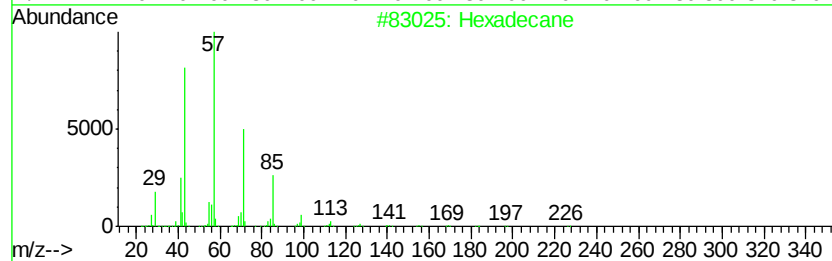
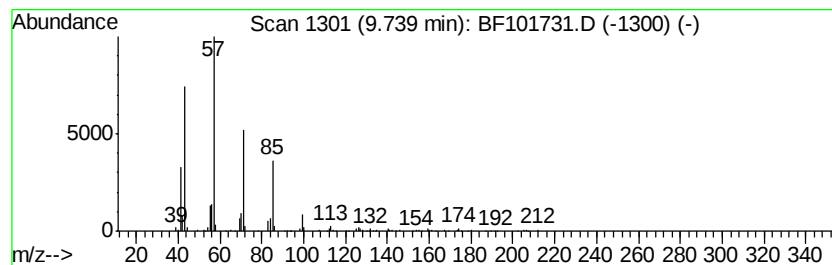
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.74	6.18 ng	220838	Acenaphthene-d10	9.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	9-methylheptadecane	254	C18H38	026741-18-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101731.D
Acq On : 26 Dec 2017 23:20
Operator : SJ/JU
Sample : I6966-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

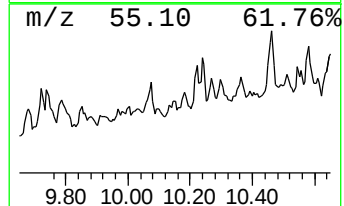
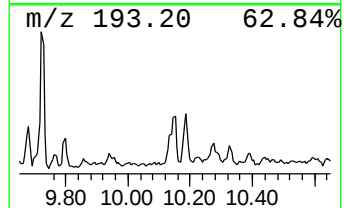
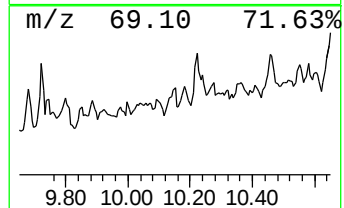
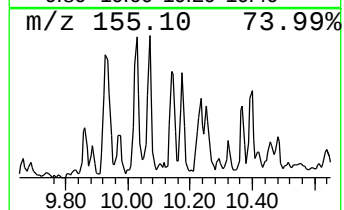
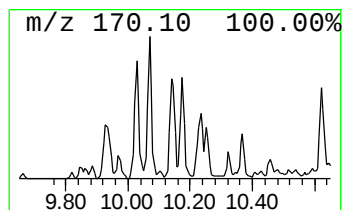
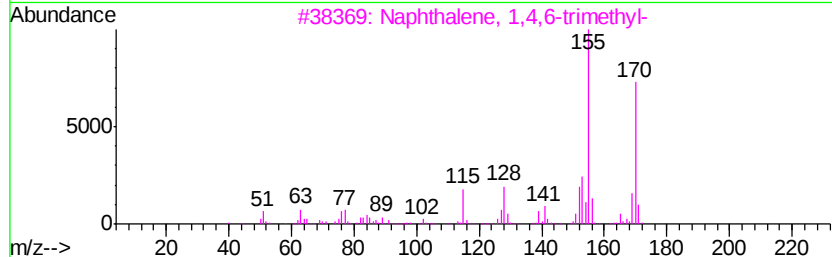
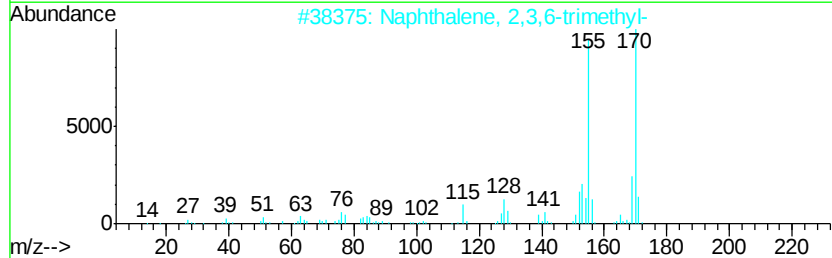
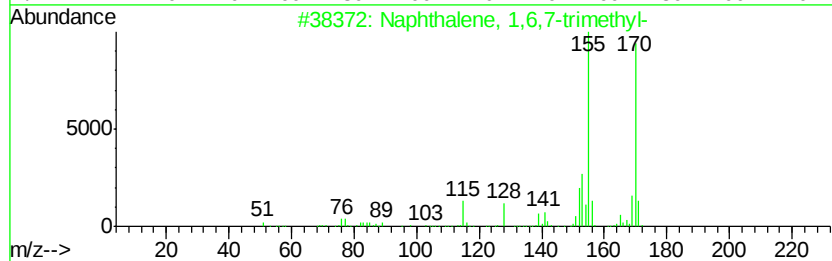
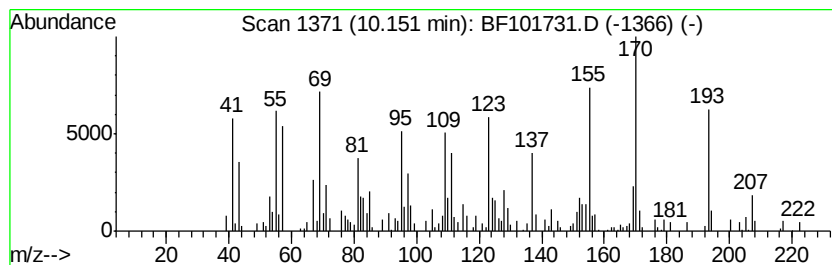
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.15	5.98 ng	213817	Acenaphthene-d10	9.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101731.D
Acq On : 26 Dec 2017 23:20
Operator : SJ/JU
Sample : I6966-06
Misc :
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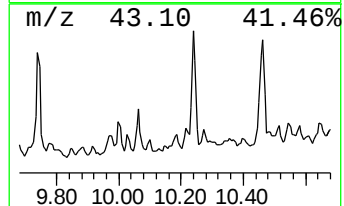
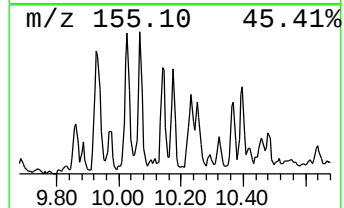
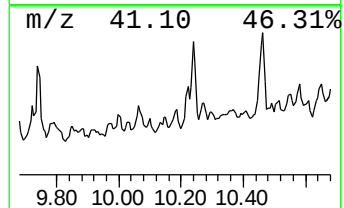
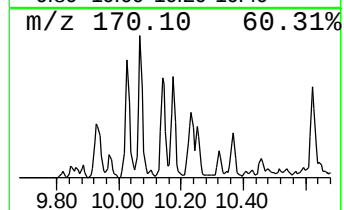
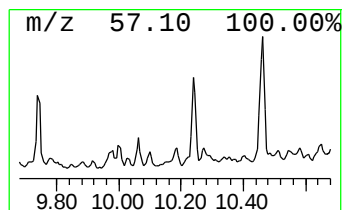
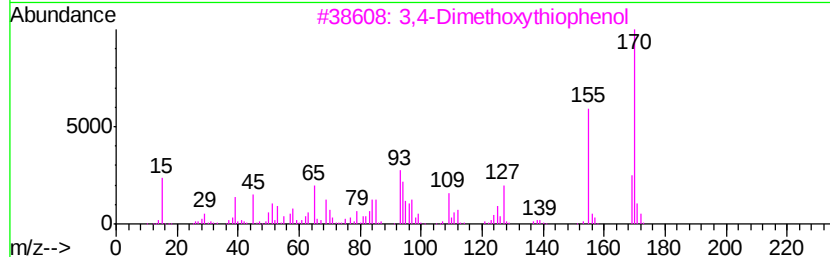
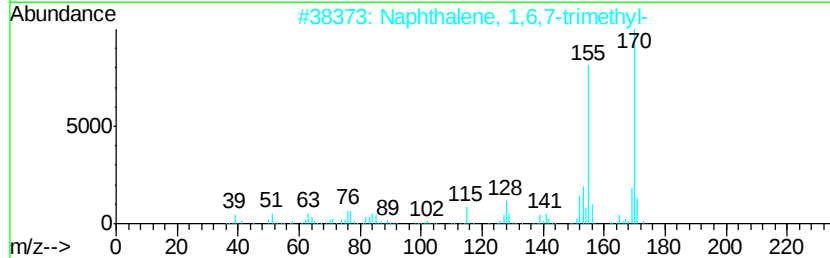
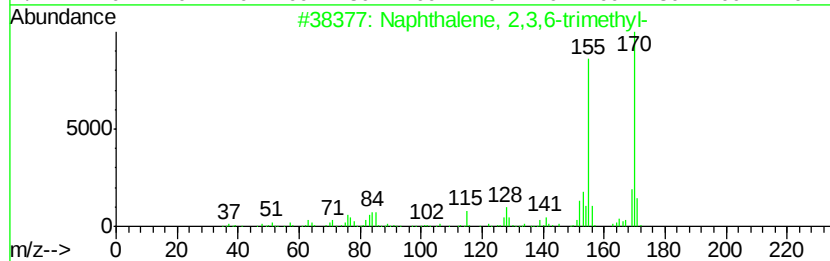
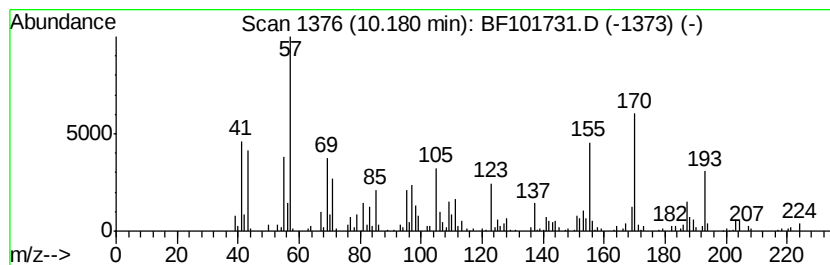
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown10.18 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.18	4.70 ng	168102	Acenaphthene-d10	9.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	42
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38
3	3,4-Dimethoxythiophenol	170	C8H10O2S	019689-66-8	38
4	2,2-Dimethyl-4-ethynyl-tetrahydr...	170	C9H14OS	015601-02-2	30
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101731.D
Acq On : 26 Dec 2017 23:20
Operator : SJ/JU
Sample : I6966-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

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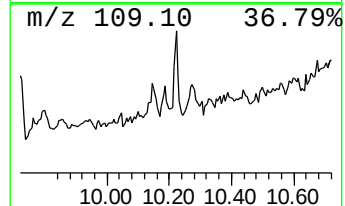
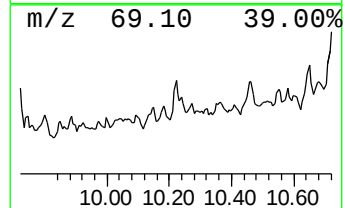
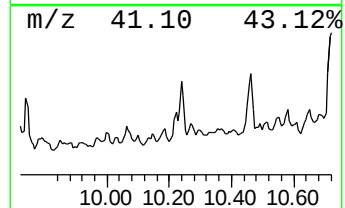
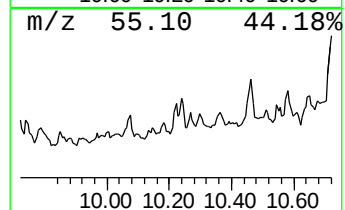
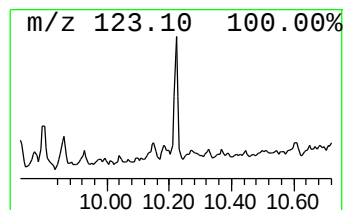
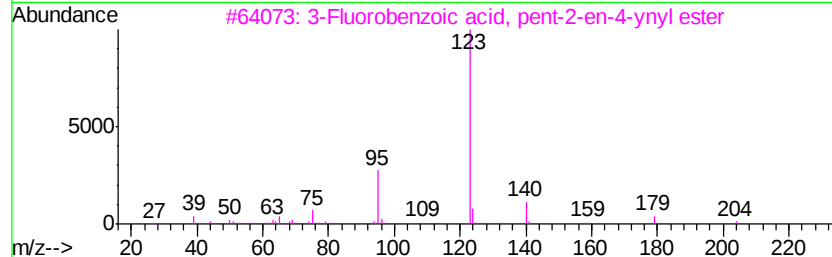
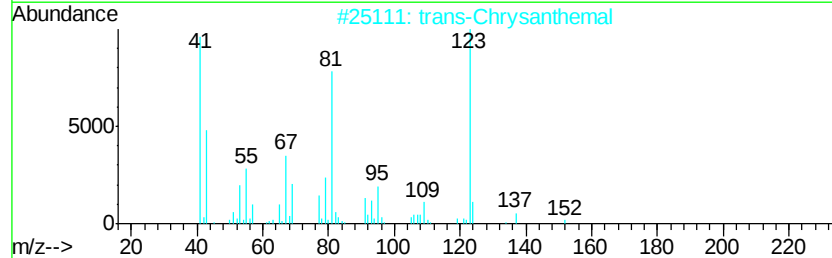
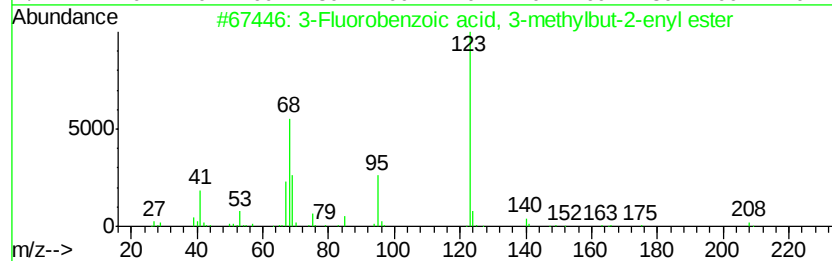
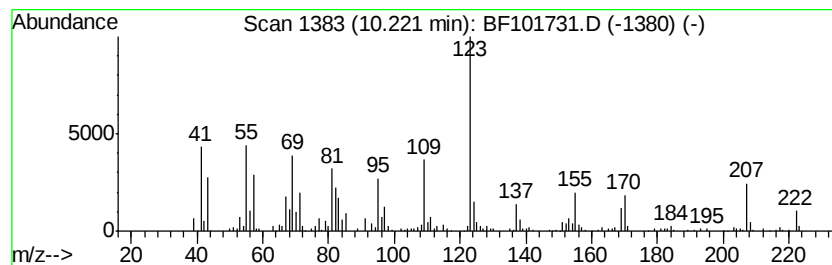
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown10.22 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	6.13 ng	219148	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Fluorobenzoic acid, 3-methylbu...	208	C12H13F02	154559-38-3	43
2			trans-Chrysanthemal	152	C10H16O	020104-05-6	43
3			3-Fluorobenzoic acid, pent-2-en-...	204	C12H9F02	1000292-60-2	38
4			1-(1-Ethyl-2,3-dimethyl-cyclopen...	166	C11H18O	1000185-18-6	38
5			4-Fluorobenzoic acid, 2-pentadec...	350	C22H35F02	1000280-68-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101731.D
Acq On : 26 Dec 2017 23:20
Operator : SJ/JU
Sample : I6966-06
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ALS Vial : 12 Sample Multiplier: 1

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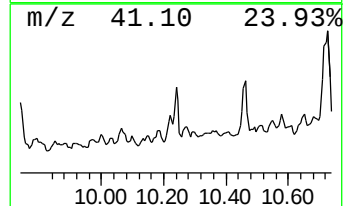
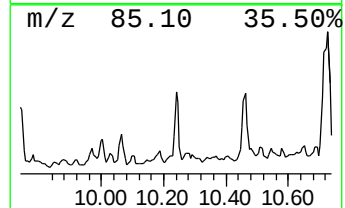
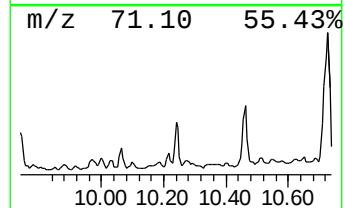
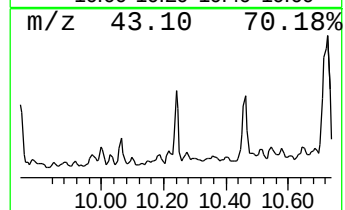
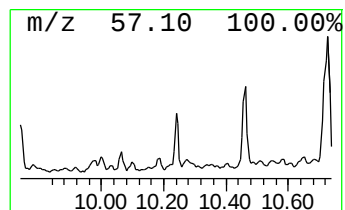
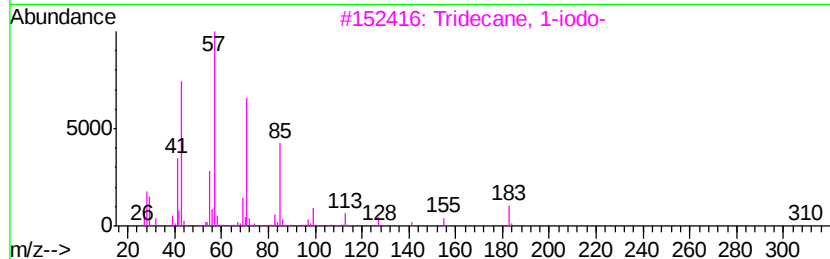
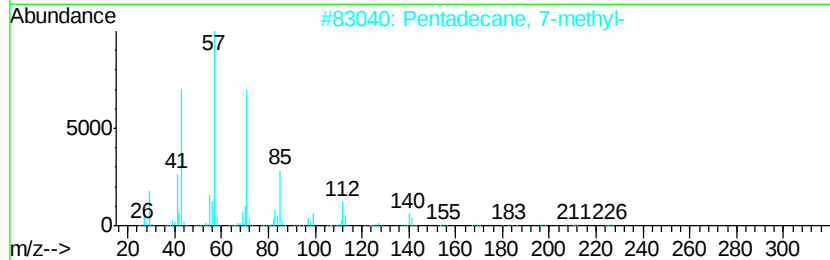
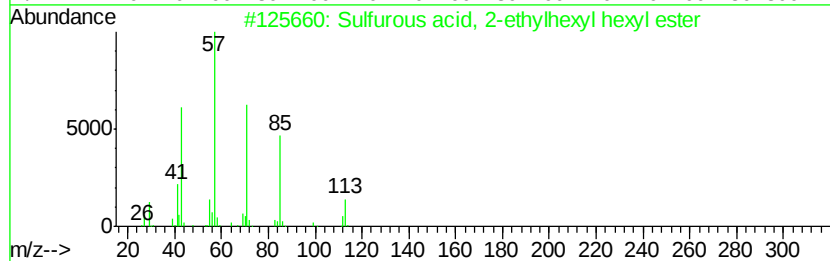
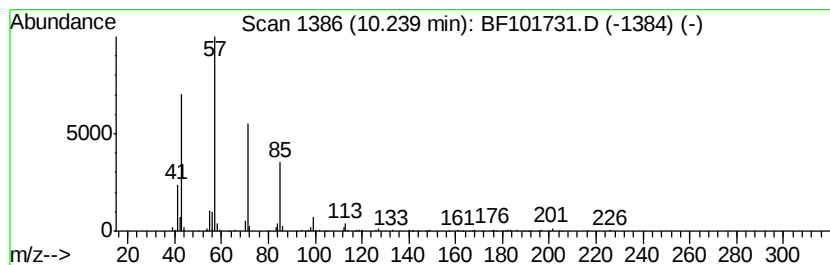
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Sulfurous acid, 2-ethylhexy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	7.87 ng	281208	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
5			Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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Misc :
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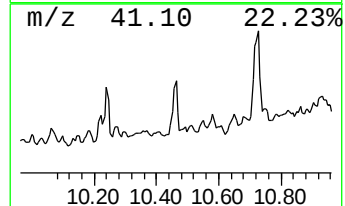
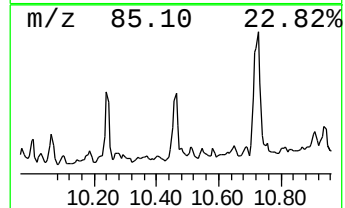
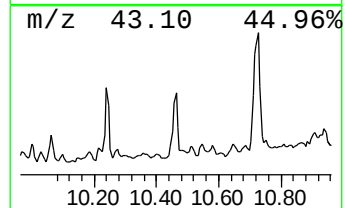
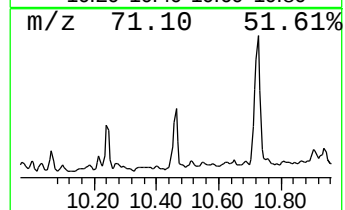
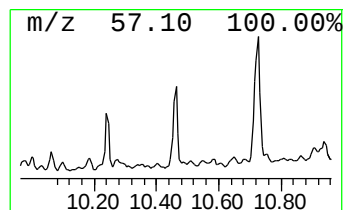
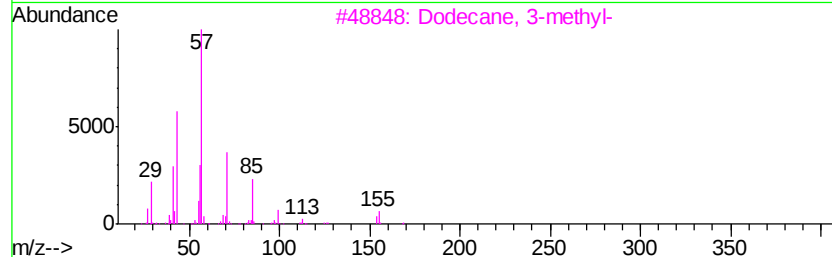
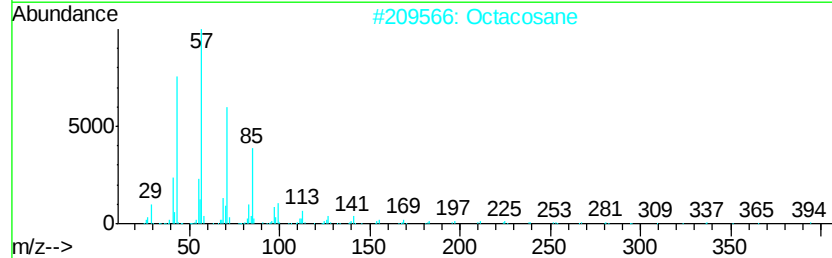
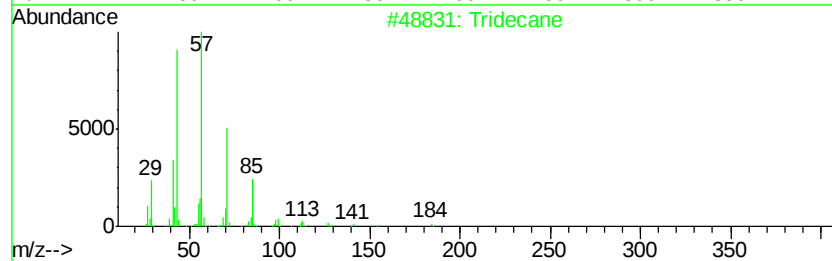
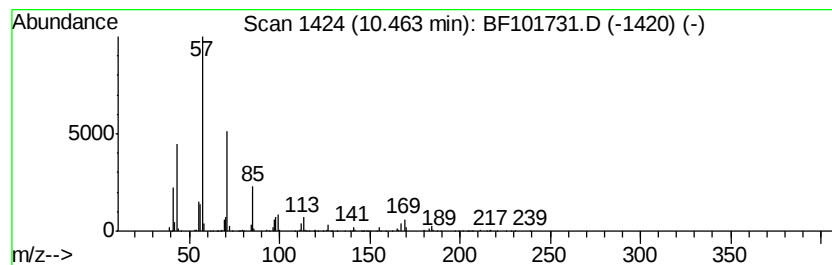
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.46	11.81 ng	422264	Acenaphthene-d10		9.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Octacosane	394	C28H58	000630-02-4	64
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4	Heptacosane	380	C27H56	000593-49-7	58
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101731.D
Acq On : 26 Dec 2017 23:20
Operator : SJ/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB-EW-3-4-10

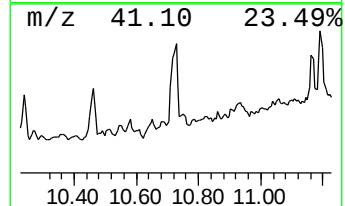
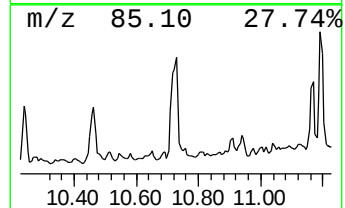
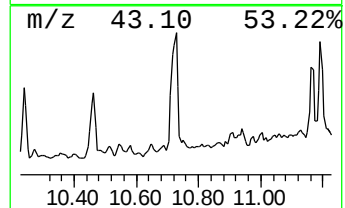
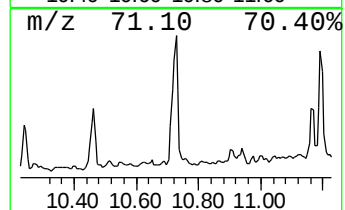
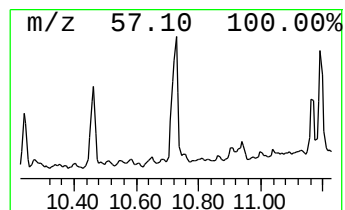
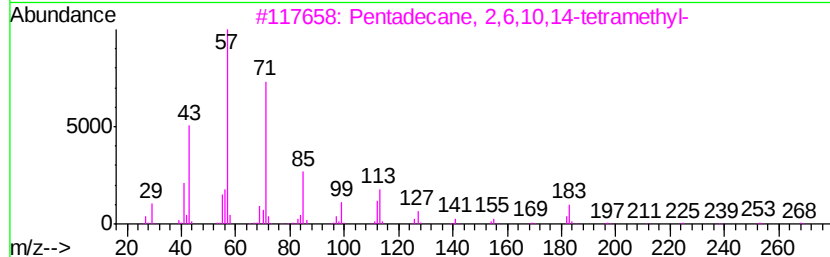
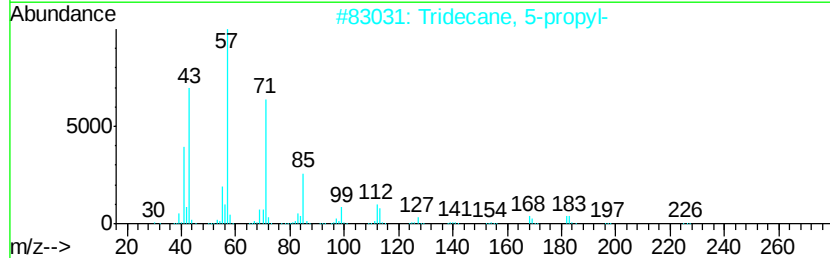
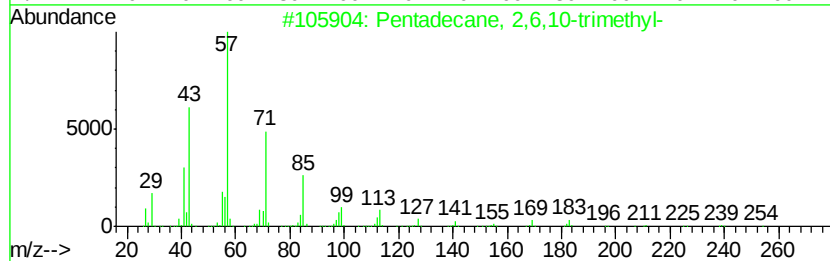
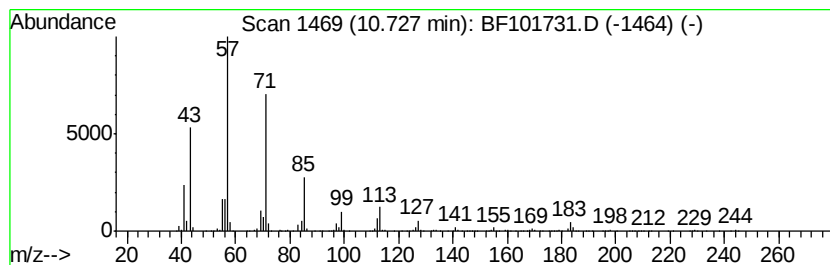
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	34.55 ng	1085970	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
DB-EW-3-4-10

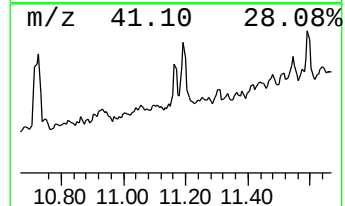
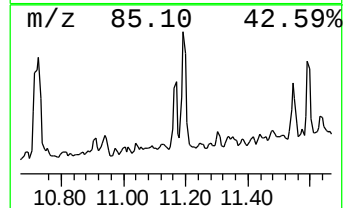
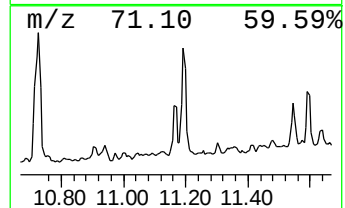
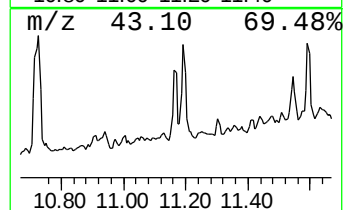
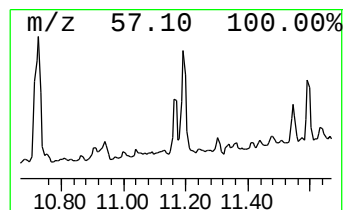
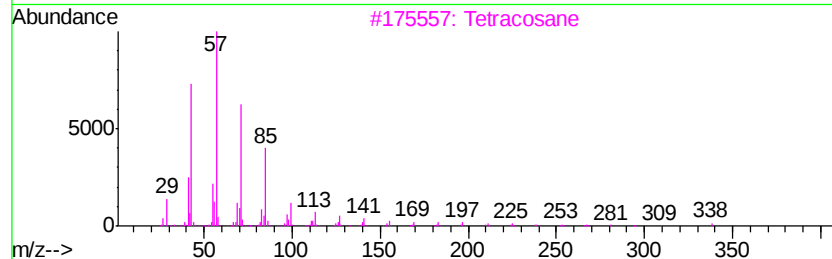
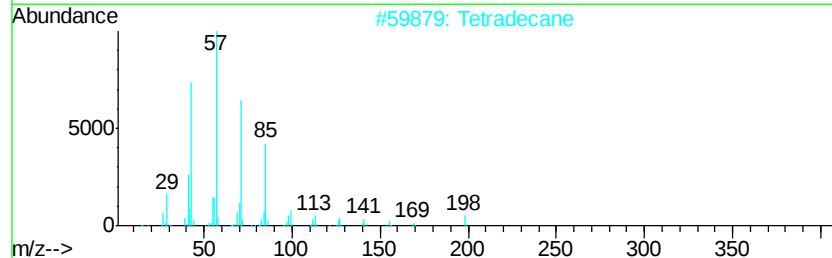
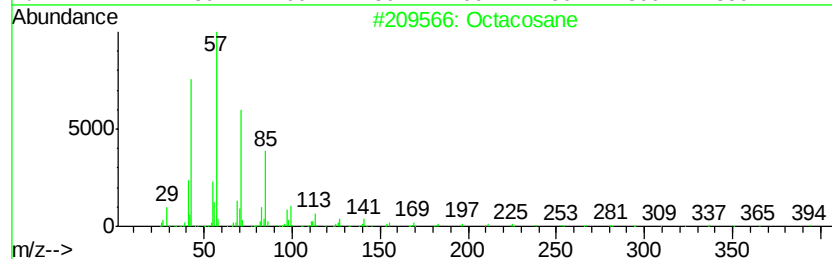
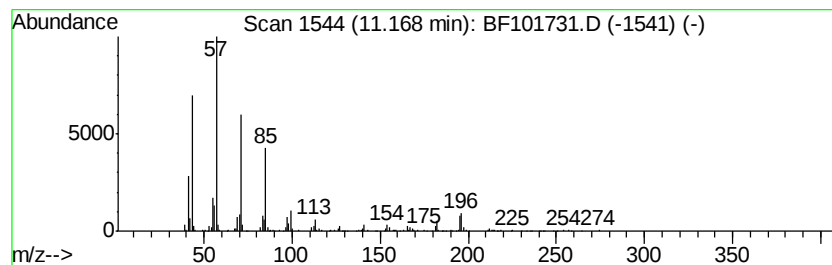
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	10.78 ng	338978	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	83
2		Tetradecane	198	C14H30	000629-59-4	80
3		Tetracosane	338	C24H50	000646-31-1	80
4		Nonadecane	268	C19H40	000629-92-5	80
5		Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101731.D
Acq On : 26 Dec 2017 23:20
Operator : SJ/JU
Sample : I6966-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

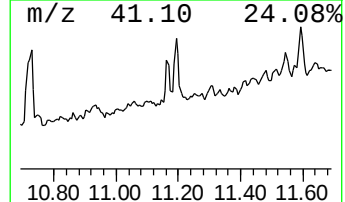
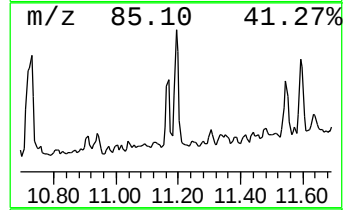
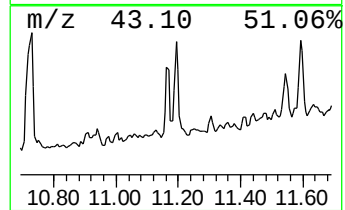
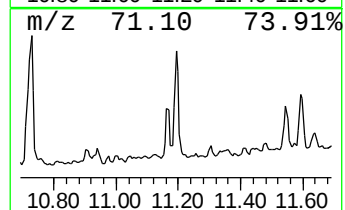
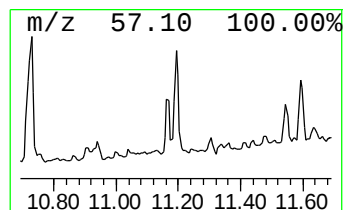
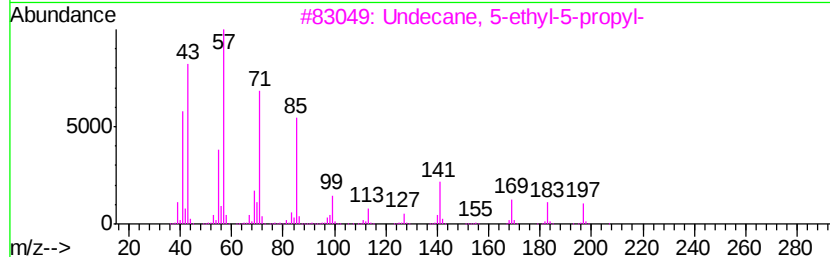
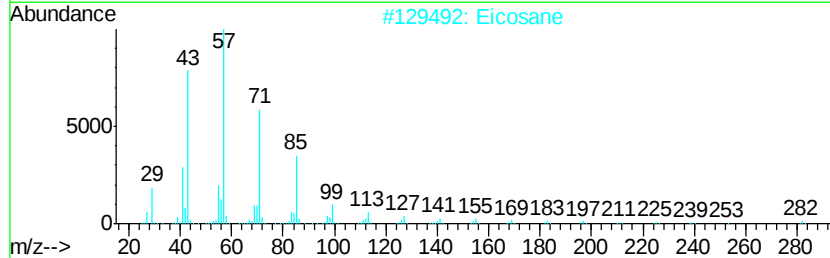
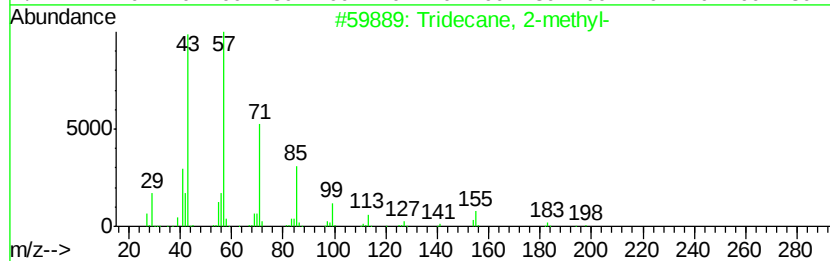
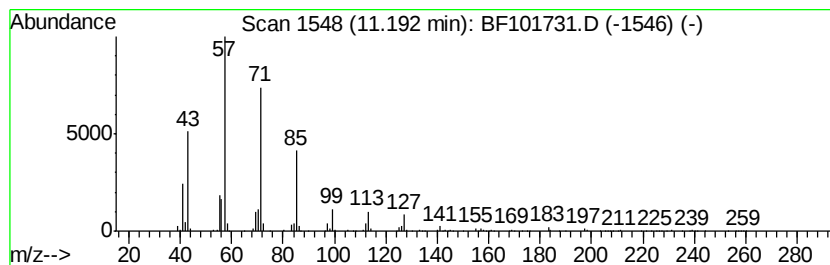
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ClientSampleId :
DB-EW-3-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Tridecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.19	15.84 ng	497966	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2	Eicosane	282	C20H42	000112-95-8	86
3	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	78
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101731.D
 Acq On : 26 Dec 2017 23:20
 Operator : SJ/JU
 Sample : I6966-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-EW-3-4-10

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.01	12.2	ng	509734	1	6.79	836391	20.0
unknown6.56	6.56	67.8	ng	2834050	1	6.79	836391	20.0
Benzene, 1,2,3-tr...	6.61	3.6	ng	149621	1	6.79	836391	20.0
Naphthalene, 1-me...	8.89	3.9	ng	197055	2	8.07	1005620	20.0
Dodecane, 2,7,10-...	9.07	5.5	ng	196379	3	9.83	714980	20.0
Nonadecane	9.22	8.6	ng	307737	3	9.83	714980	20.0
Naphthalene, 2,7-...	9.41	6.3	ng	225343	3	9.83	714980	20.0
Naphthalene, 2,3-...	9.49	7.3	ng	261180	3	9.83	714980	20.0
1,7-Nonadiene, 4,...	9.68	5.8	ng	208024	3	9.83	714980	20.0
unknown9.72	9.72	5.2	ng	186418	3	9.83	714980	20.0
Hexadecane	9.74	6.2	ng	220838	3	9.83	714980	20.0
Naphthalene, 1,6,...	10.15	6.0	ng	213817	3	9.83	714980	20.0
unknown10.18	10.18	4.7	ng	168102	3	9.83	714980	20.0
unknown10.22	10.22	6.1	ng	219148	3	9.83	714980	20.0
Sulfurous acid, 2...	10.24	7.9	ng	281208	3	9.83	714980	20.0
Tridecane	10.46	11.8	ng	422264	3	9.83	714980	20.0
Pentadecane, 2,6,...	10.73	34.5	ng	1085970	4	11.32	628637	20.0
Octacosane	11.17	10.8	ng	338978	4	11.32	628637	20.0
Tridecane, 2-methyl-	11.19	15.8	ng	497966	4	11.32	628637	20.0