

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101730.D
 Acq On : 26 Dec 2017 22:54
 Operator : SJ/JU
 Sample : I6966-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-EW-3-0-4

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	3.804	288	292	308	rBV	81237	162722	7.78%	0.680%
2	4.998	492	495	507	rBV	82438	151437	7.24%	0.633%
3	5.410	563	565	591	rBV	547139	974738	46.61%	4.073%
4	6.434	736	739	758	rBV	1019067	1677914	80.23%	7.012%
5	6.563	758	761	767	rVV	1389886	1370183	65.52%	5.726%
6	6.610	767	769	776	rVB2	53983	57020	2.73%	0.238%
7	6.787	796	799	814	rVB	799602	837427	40.04%	3.499%
8	6.945	822	826	839	rVB	787055	853667	40.82%	3.567%
9	7.357	893	896	912	rBV	783573	999363	47.79%	4.176%
10	8.039	1009	1012	1014	rBV	51862	44226	2.11%	0.185%
11	8.069	1014	1017	1024	rBV	987503	1034872	49.48%	4.324%
12	8.351	1057	1065	1069	rBV8	29157	52037	2.49%	0.217%
13	8.475	1083	1086	1088	rBV	64316	52052	2.49%	0.218%
14	8.645	1112	1115	1120	rBV	81229	73900	3.53%	0.309%
15	8.745	1128	1132	1135	rVB2	26394	32634	1.56%	0.136%
16	8.786	1136	1139	1144	rBV	73160	90368	4.32%	0.378%
17	8.886	1153	1156	1159	rBV	51535	49749	2.38%	0.208%
18	9.051	1180	1184	1186	rBV2	30533	28895	1.38%	0.121%
19	9.075	1186	1188	1192	rVB	85791	67637	3.23%	0.283%
20	9.145	1196	1200	1208	rVV	2146590	2091346	100.00%	8.739%
21	9.210	1208	1211	1215	rVV	164918	150827	7.21%	0.630%
22	9.251	1215	1218	1222	rBV	54339	56375	2.70%	0.236%
23	9.410	1241	1245	1250	rBV3	62143	106757	5.10%	0.446%
24	9.486	1255	1258	1261	rVV	90947	99828	4.77%	0.417%
25	9.528	1261	1265	1273	rVB3	144231	311192	14.88%	1.300%
26	9.681	1288	1291	1294	rBV3	38117	53438	2.56%	0.223%
27	9.739	1299	1301	1305	rVV	226844	183016	8.75%	0.765%
28	9.781	1305	1308	1310	rVV3	26680	33895	1.62%	0.142%
29	9.828	1310	1316	1319	rVV	978846	993087	47.49%	4.150%
30	9.857	1319	1321	1329	rVB	100929	138522	6.62%	0.579%
31	9.928	1329	1333	1337	rBV2	41828	65478	3.13%	0.274%
32	9.969	1337	1340	1343	rBV4	41398	58131	2.78%	0.243%
33	10.033	1347	1351	1354	rVV2	69217	101259	4.84%	0.423%
34	10.069	1354	1357	1360	rVB3	94135	111106	5.31%	0.464%

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35	10.098	1360	1362	1365	rVB	40502	34315	1.64%	0.143%
36	10.145	1366	1370	1372	rBV3	60895	80303	3.84%	0.336%
37	10.181	1372	1376	1379	rVB2	68183	90773	4.34%	0.379%
38	10.216	1379	1382	1384	rBV2	86324	97853	4.68%	0.409%
39	10.239	1384	1386	1389	rVV	298262	232978	11.14%	0.974%
40	10.269	1389	1391	1394	rVB2	33899	33444	1.60%	0.140%
41	10.381	1407	1410	1418	rVB2	86288	127017	6.07%	0.531%
42	10.457	1418	1423	1426	rBV	285751	329813	15.77%	1.378%
43	10.510	1430	1432	1435	rBV4	40690	43564	2.08%	0.182%
44	10.539	1435	1437	1441	rBV3	42691	42061	2.01%	0.176%
45	10.580	1441	1444	1447	rVB3	50484	41626	1.99%	0.174%
46	10.622	1448	1451	1459	rBV	1216741	1320767	63.15%	5.519%
47	10.722	1464	1468	1472	rBV	502385	704202	33.67%	2.943%
48	10.904	1497	1499	1501	rBV	48120	53747	2.57%	0.225%
49	11.163	1540	1543	1545	rBV	276524	216968	10.37%	0.907%
50	11.192	1545	1548	1550	rVB	326377	296117	14.16%	1.237%
51	11.322	1566	1570	1572	rBV	814008	823359	39.37%	3.441%
52	11.345	1572	1574	1578	rVB	641013	533114	25.49%	2.228%
53	11.404	1581	1584	1587	rBV	134321	155268	7.42%	0.649%
54	11.539	1605	1607	1610	rBV	147680	143123	6.84%	0.598%
55	11.586	1613	1615	1619	rVB	262307	227369	10.87%	0.950%
56	11.822	1653	1655	1658	rBV	136282	167966	8.03%	0.702%
57	11.851	1658	1660	1664	rVB2	169099	168677	8.07%	0.705%
58	11.933	1671	1674	1677	rBV3	157450	169446	8.10%	0.708%
59	11.998	1682	1685	1688	rBV	224564	191949	9.18%	0.802%
60	12.539	1774	1777	1780	rBV	844838	732109	35.01%	3.059%
61	12.769	1814	1816	1822	rVB	695799	737032	35.24%	3.080%
62	12.904	1835	1839	1844	rVB	1859062	1794407	85.80%	7.498%
63	13.974	2018	2021	2024	rBV2	601372	707748	33.84%	2.957%
64	15.451	2270	2272	2277	rVB	418068	468553	22.40%	1.958%

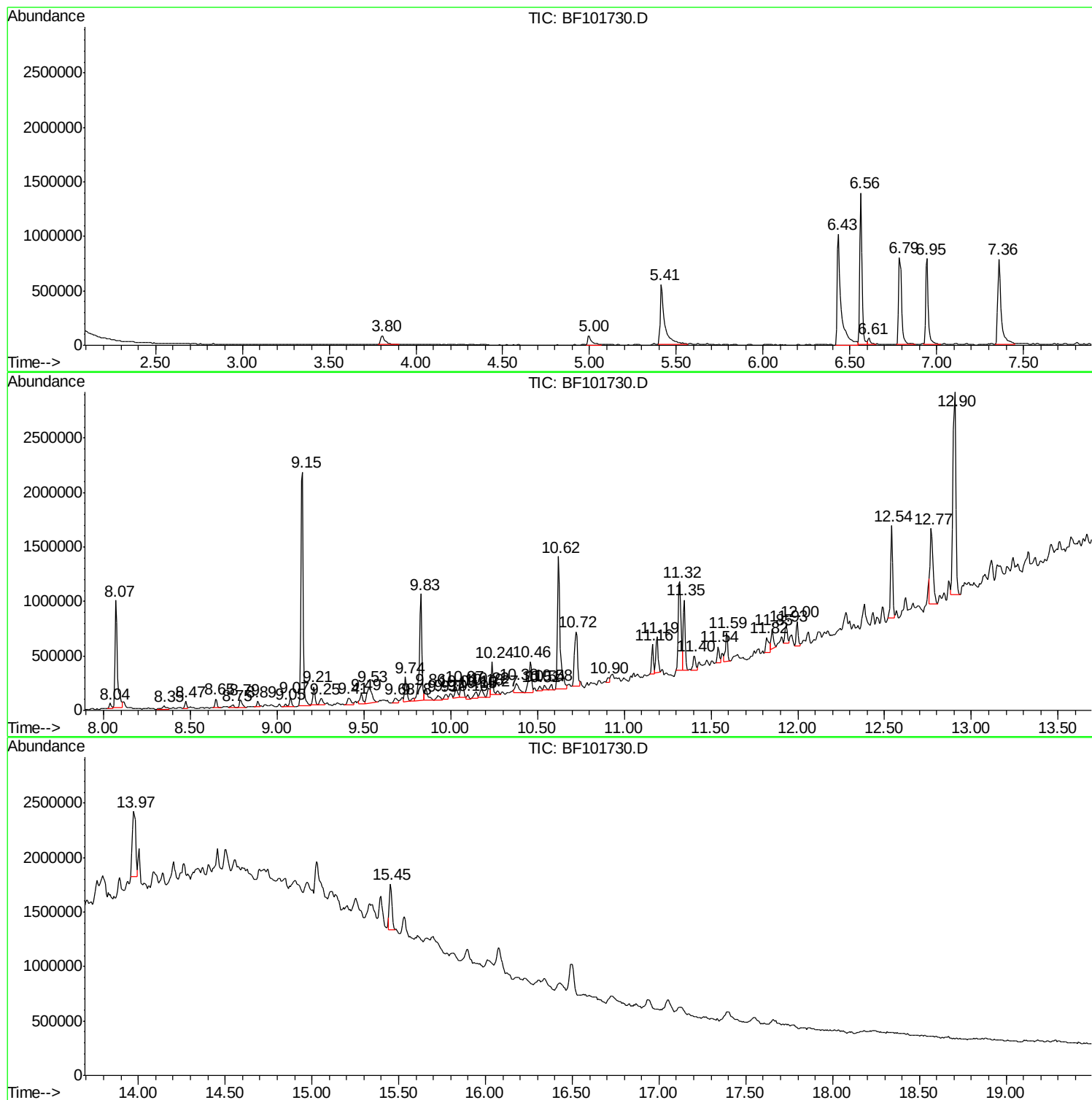
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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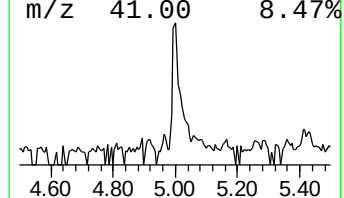
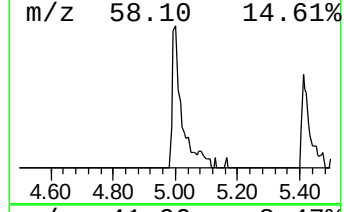
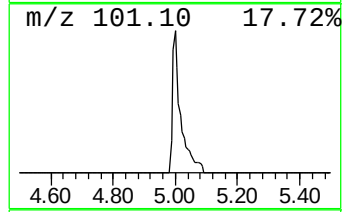
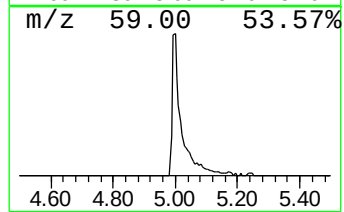
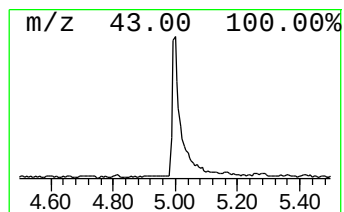
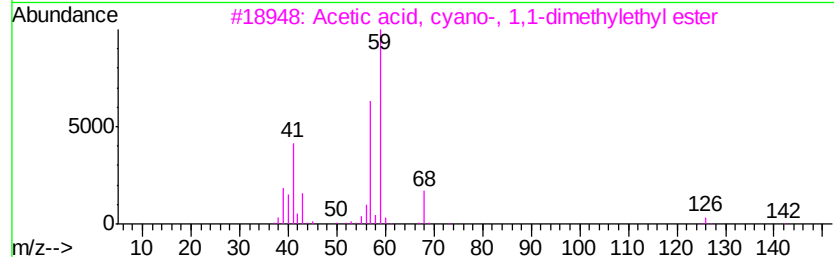
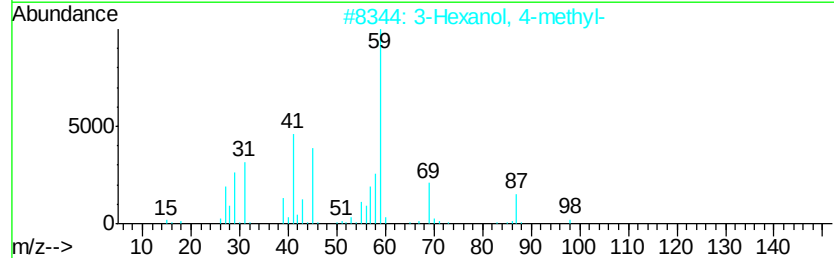
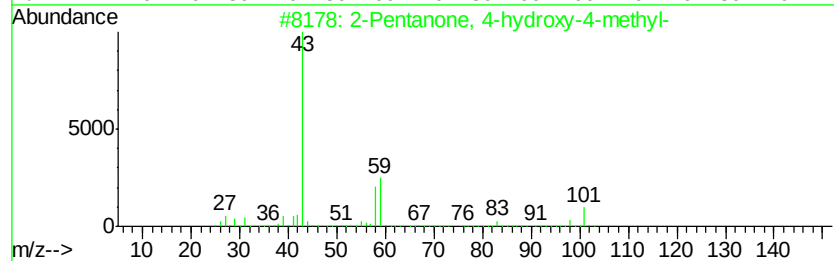
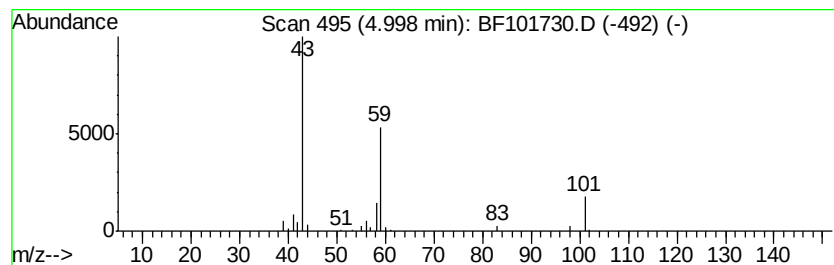
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.62 ng	151437	1,4-Dichlorobenzene-d4	6.79

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, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5			Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	9



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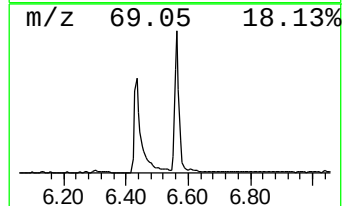
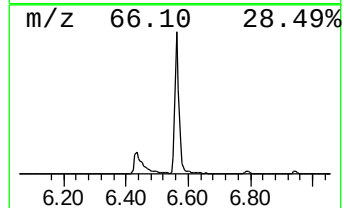
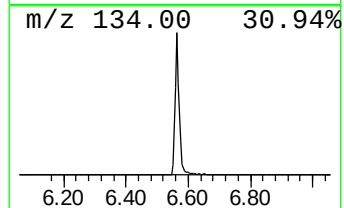
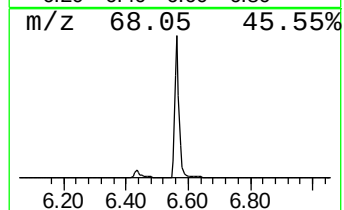
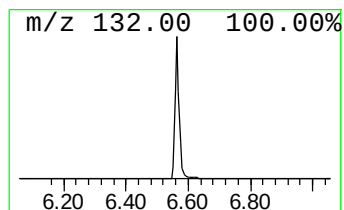
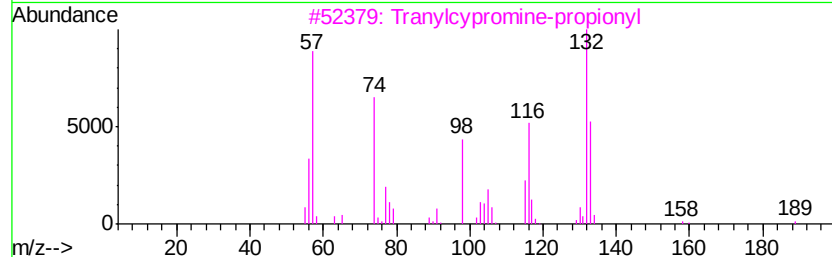
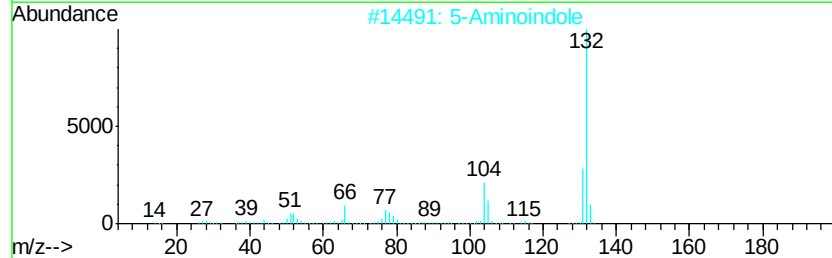
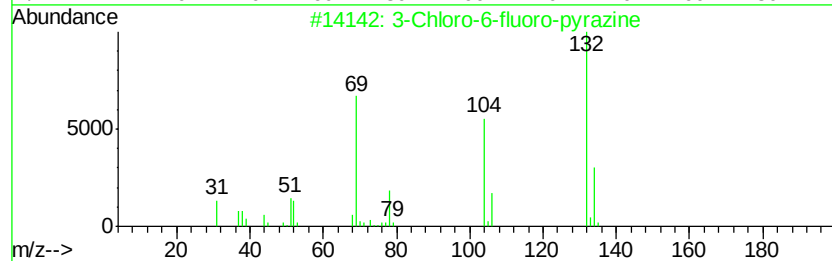
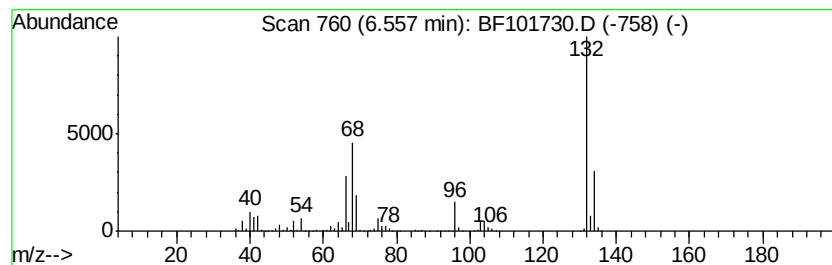
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	32.72 ng	1370180	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			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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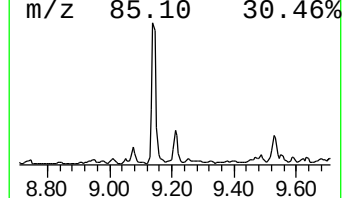
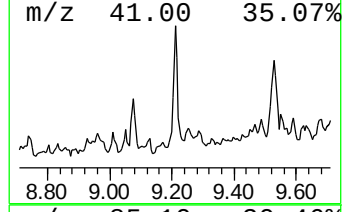
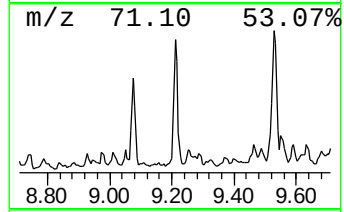
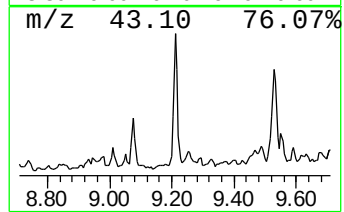
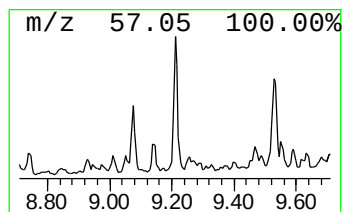
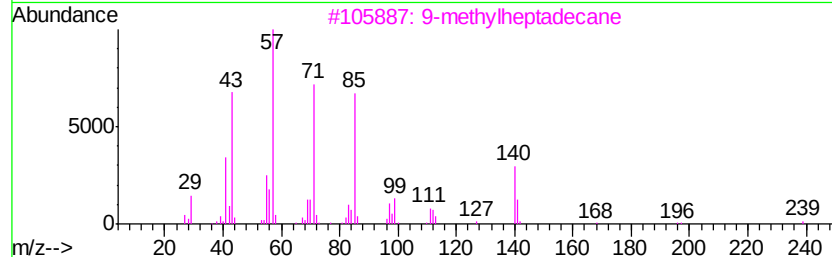
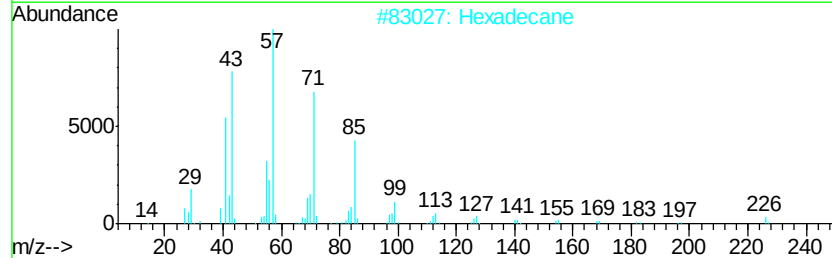
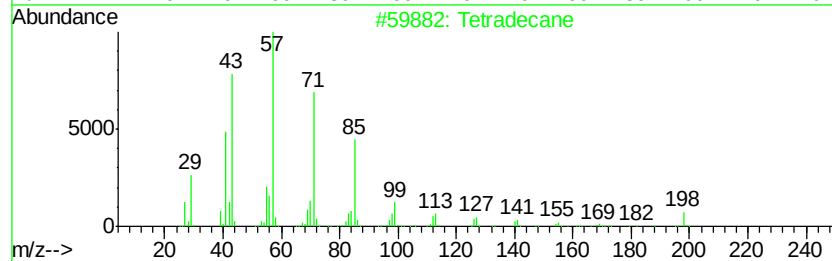
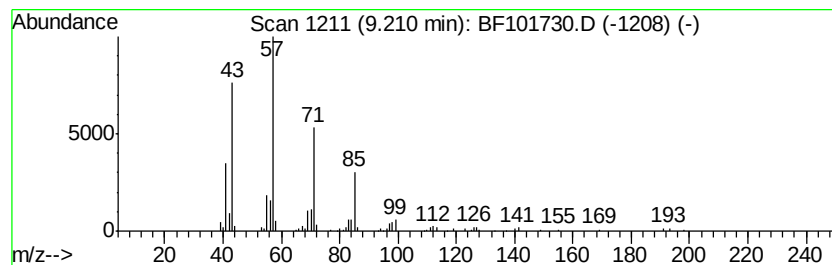
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.21	3.04 ng	150827	Acenaphthene-d10		9.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	86
3	9-methylheptadecane	254	C18H38	026741-18-4	83
4	10-Methylnonadecane	282	C20H42	056862-62-5	83
5	Tridecane	184	C13H28	000629-50-5	72



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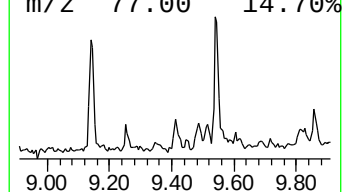
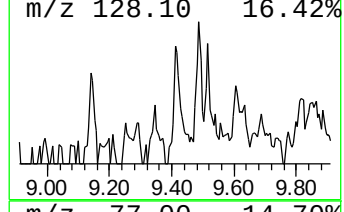
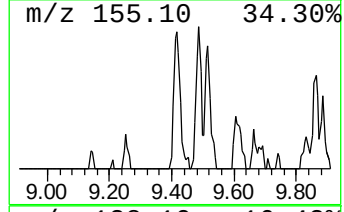
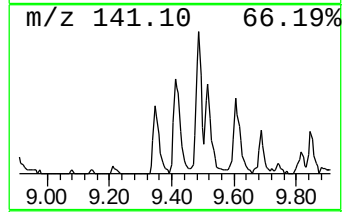
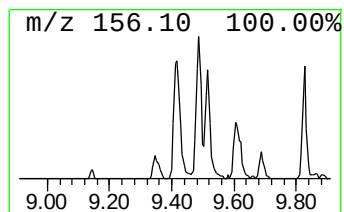
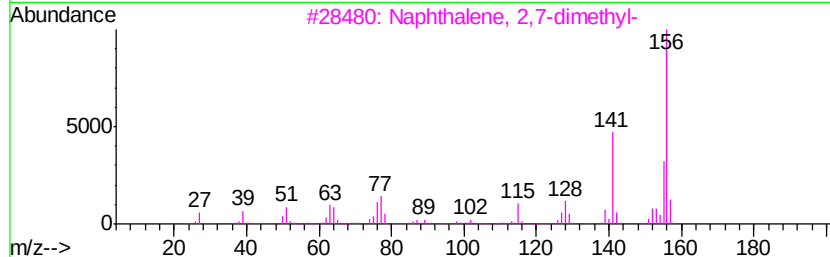
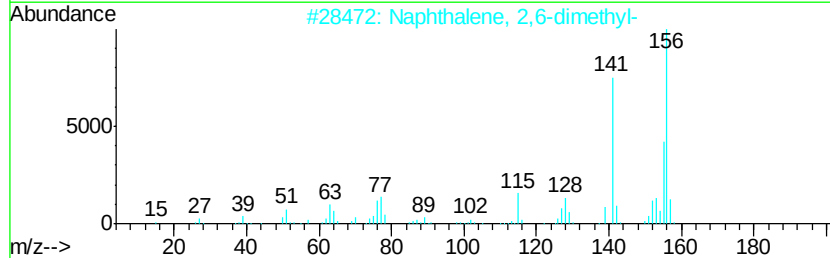
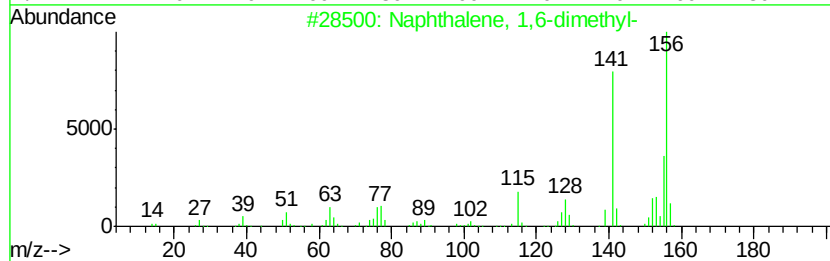
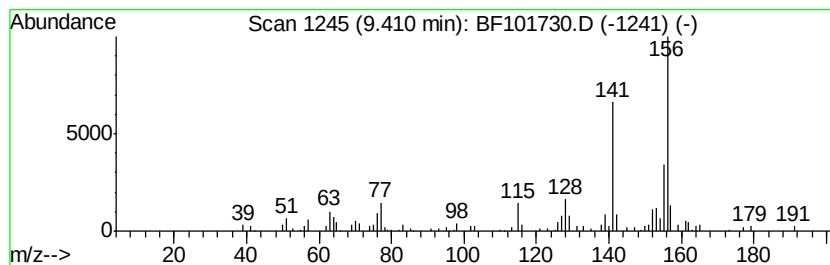
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.41	2.15 ng	106757	Acenaphthene-d10		9.83		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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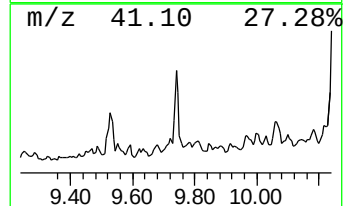
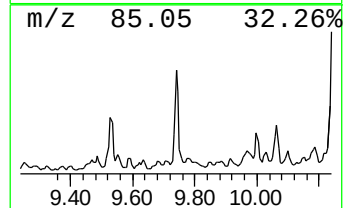
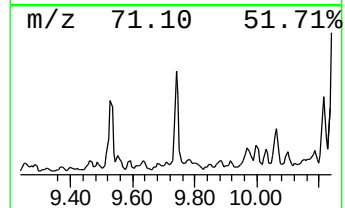
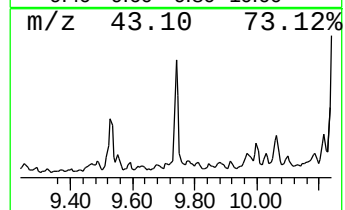
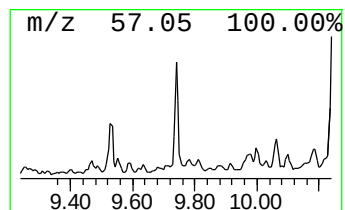
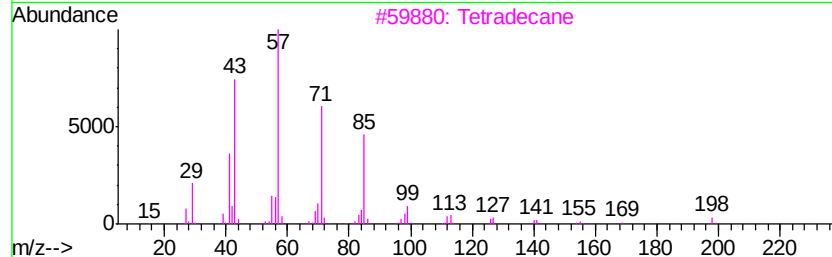
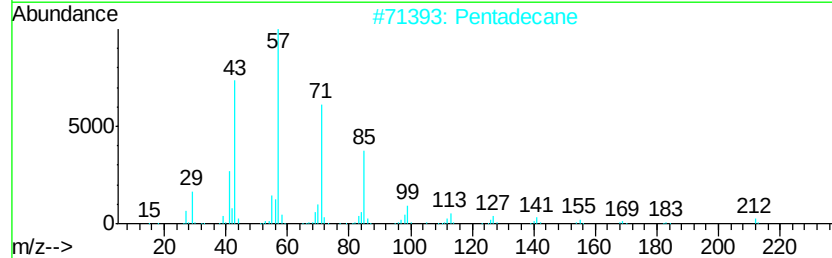
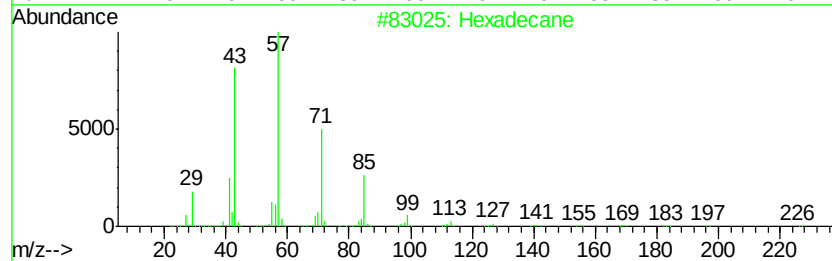
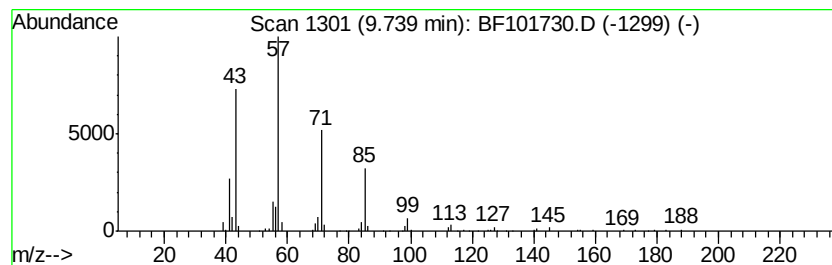
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	3.69 ng	183016	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Octacosane		394	C28H58	000630-02-4	83
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101730.D
Acq On : 26 Dec 2017 22:54
Operator : SJ/JU
Sample : I6966-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

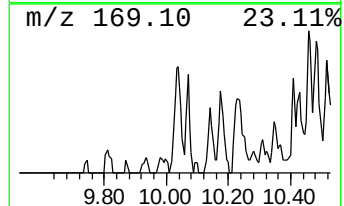
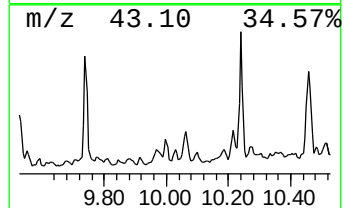
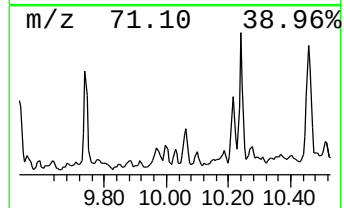
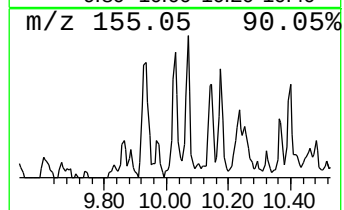
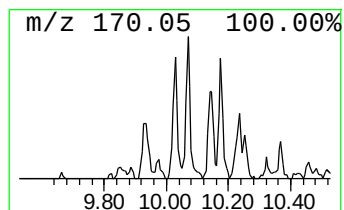
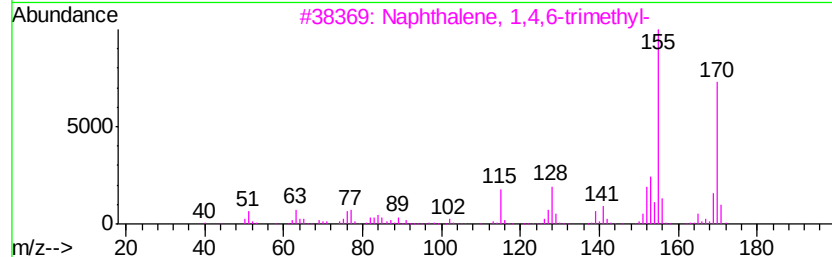
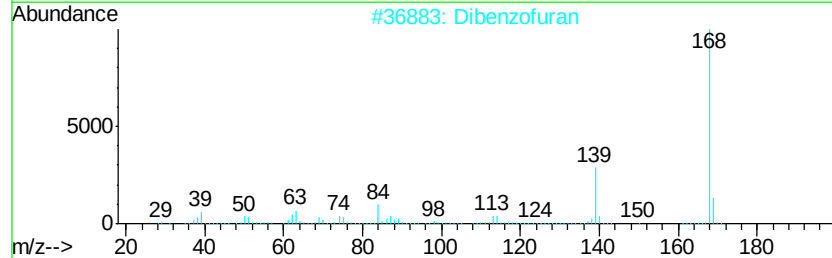
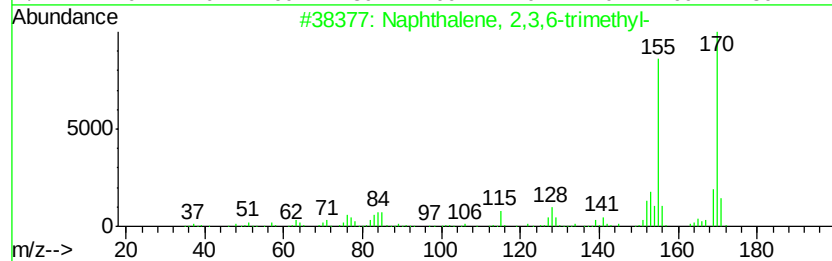
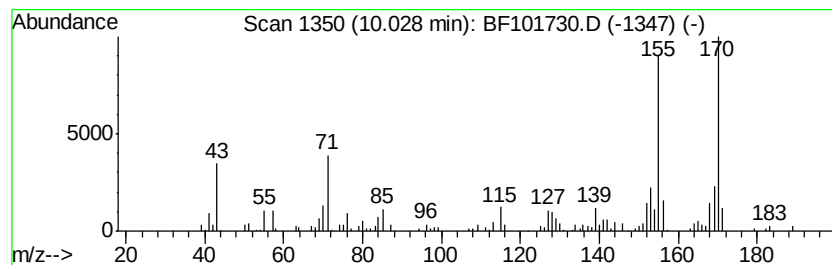
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.03	2.04 ng	101259	Acenaphthene-d10	9.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
2	Dibenzofuran	168	C12H8O	000132-64-9	45
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	42
4	1-Naphthalen-1-yl-ethylideneamine	169	C12H11N	1000187-76-0	38
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38



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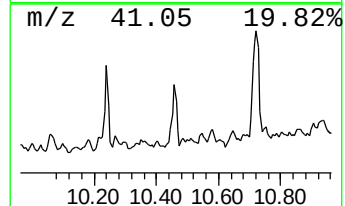
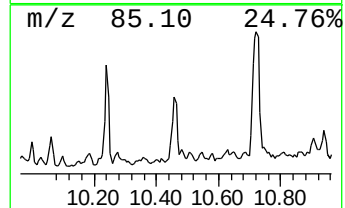
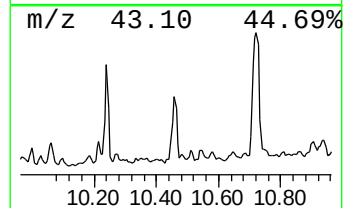
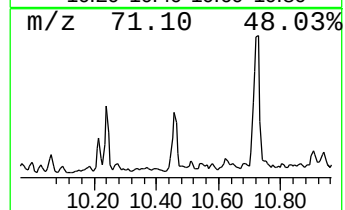
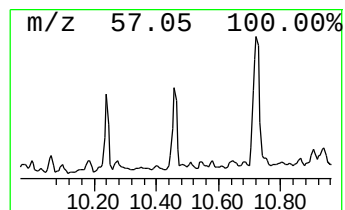
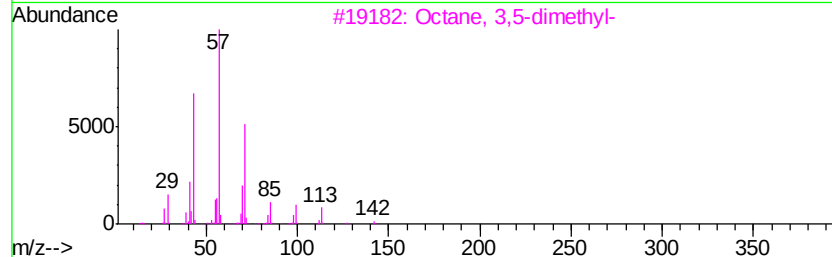
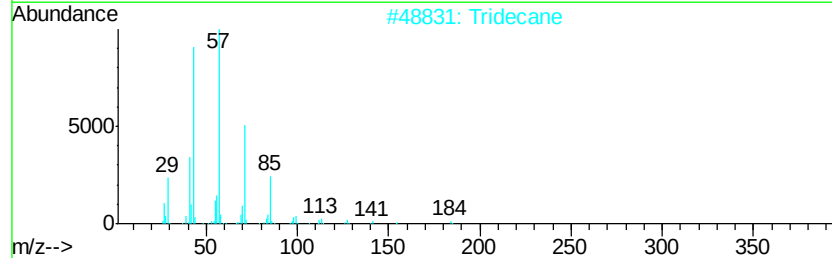
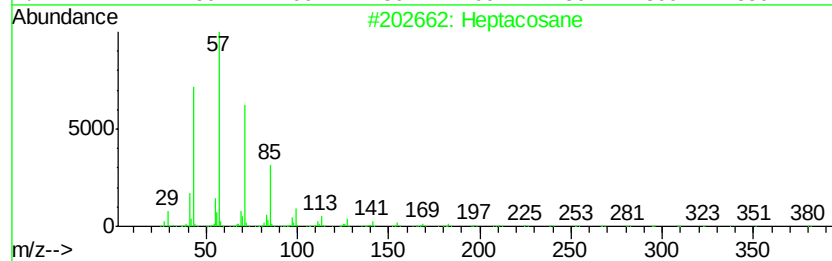
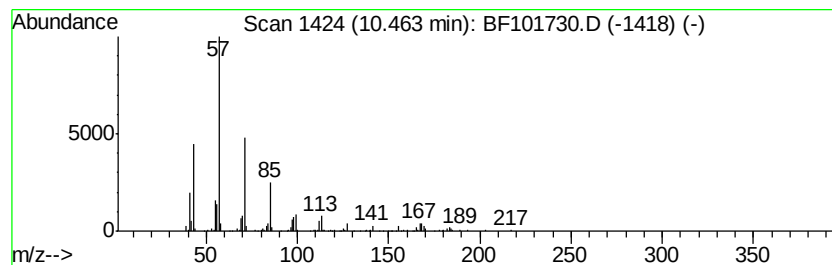
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.46	6.64 ng	329813	Acenaphthene-d10		9.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Tridecane	184	C13H28	000629-50-5	80
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	74
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
5	Tetracosane	338	C24H50	000646-31-1	72



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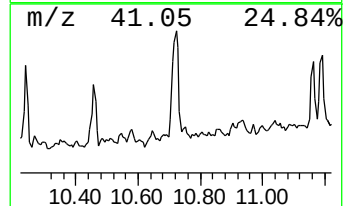
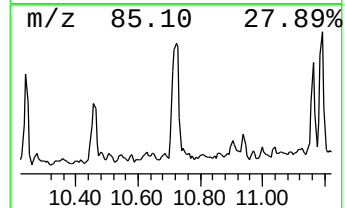
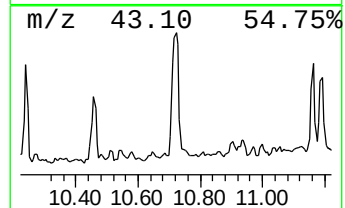
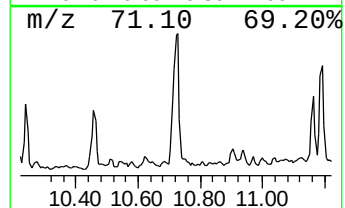
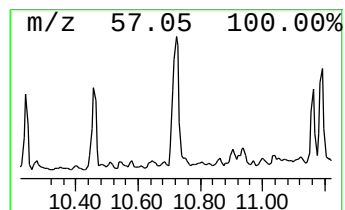
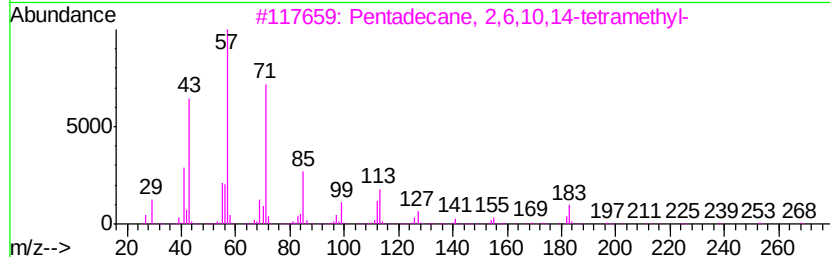
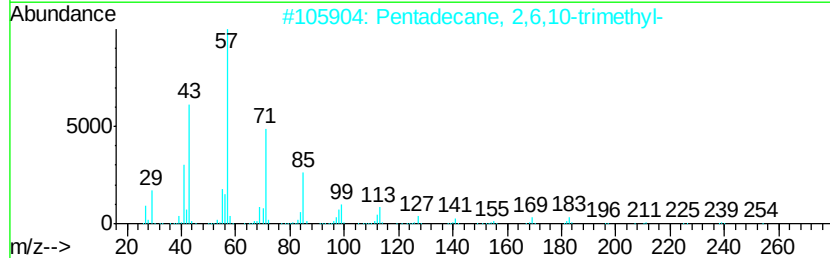
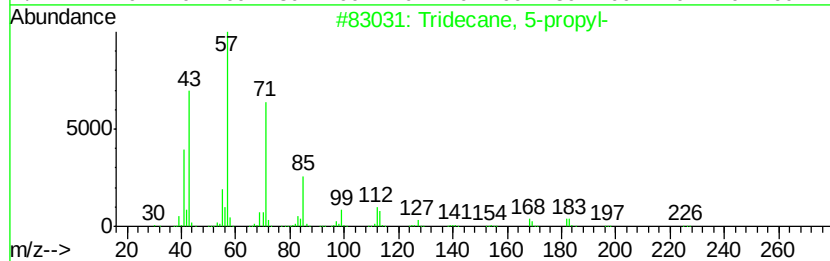
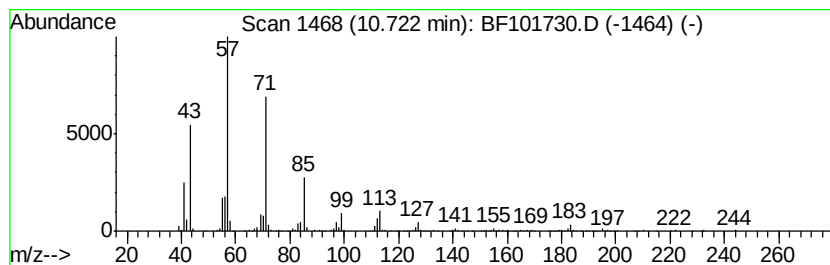
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.72	17.11 ng	704202	Phenanthrene-d10		11.32		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
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			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101730.D
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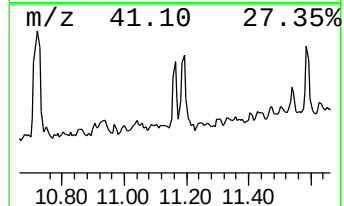
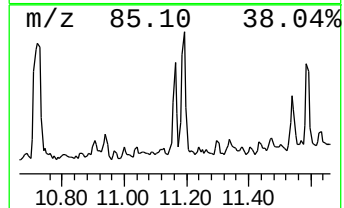
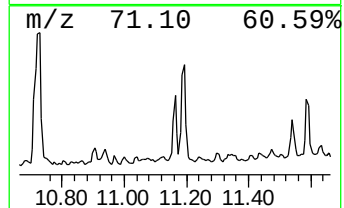
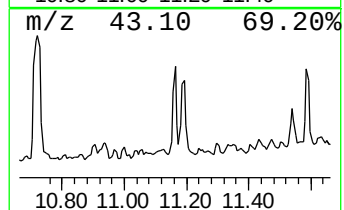
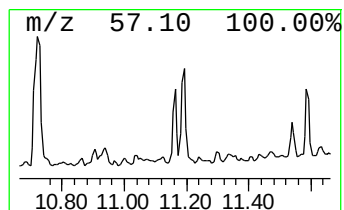
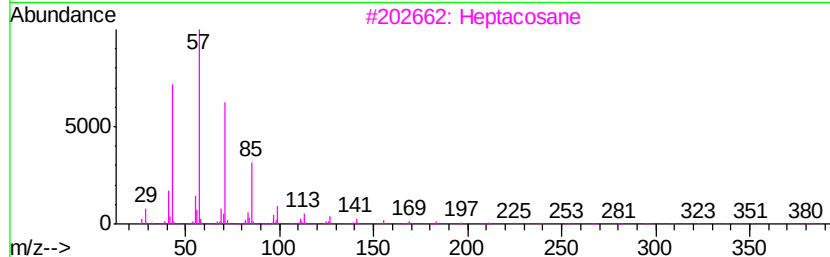
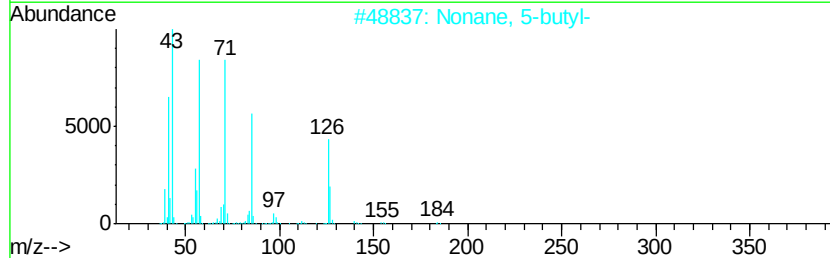
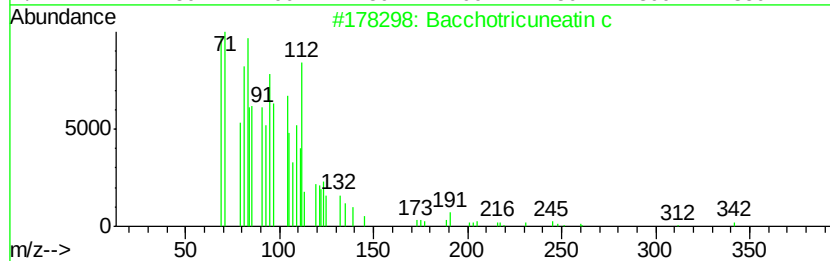
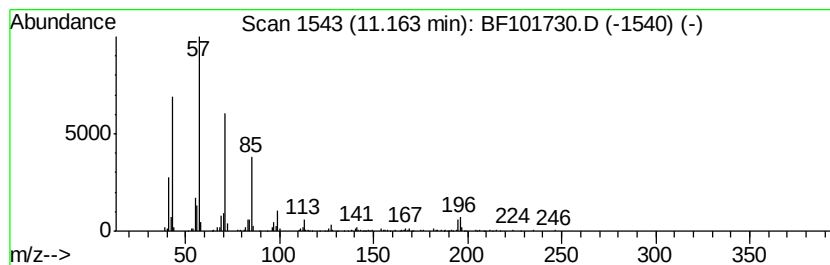
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	5.27 ng	216968	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	92
3		Heptacosane	380	C27H56	000593-49-7	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Eicosane	282	C20H42	000112-95-8	86



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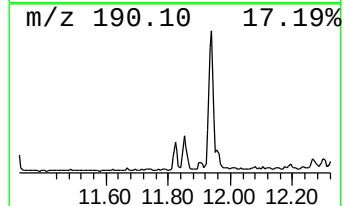
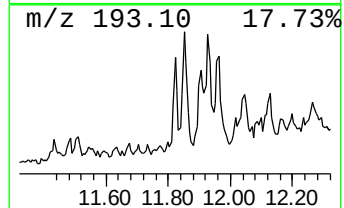
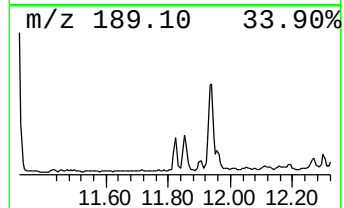
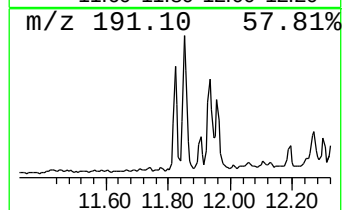
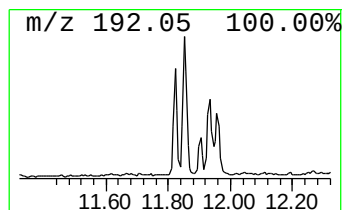
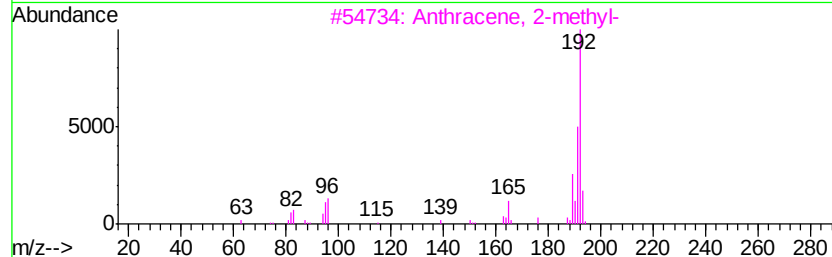
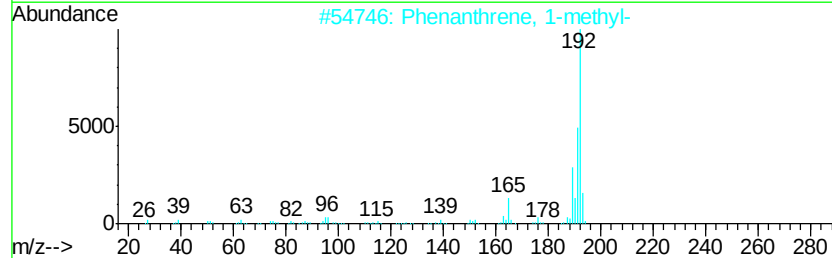
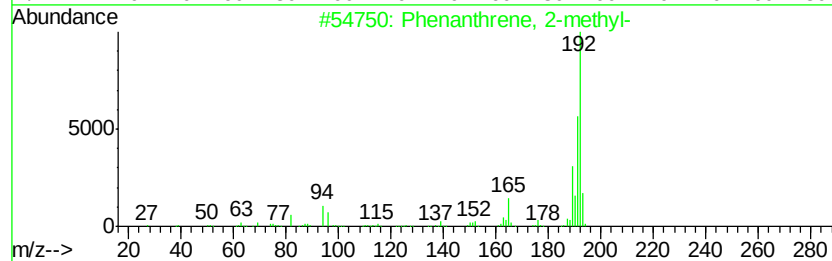
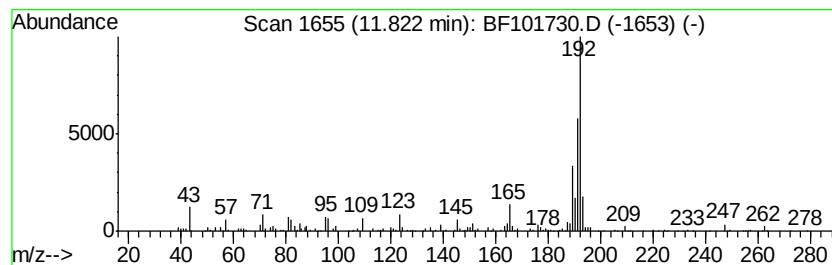
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.82	4.08 ng	167966	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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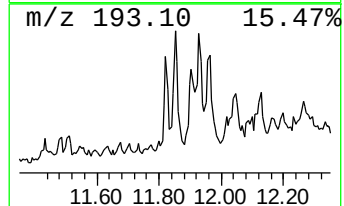
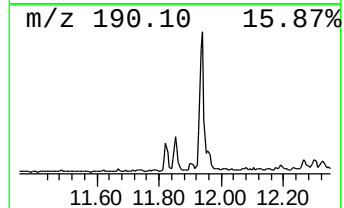
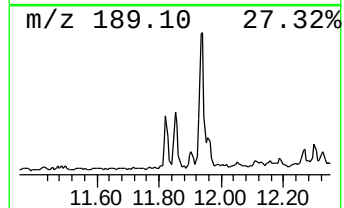
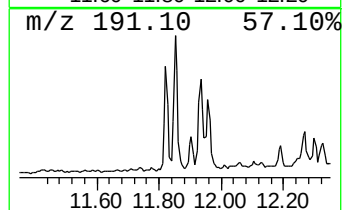
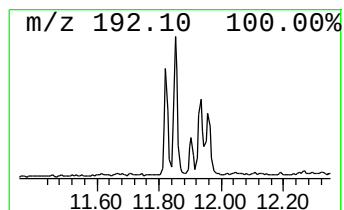
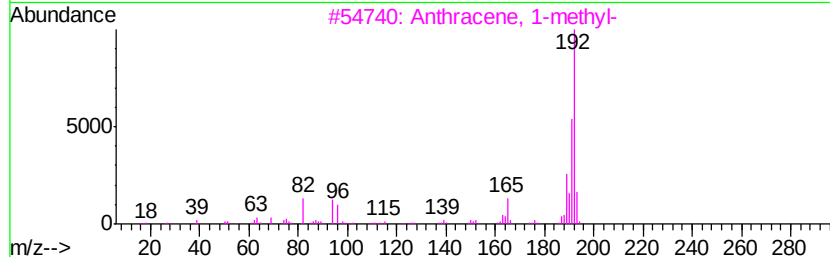
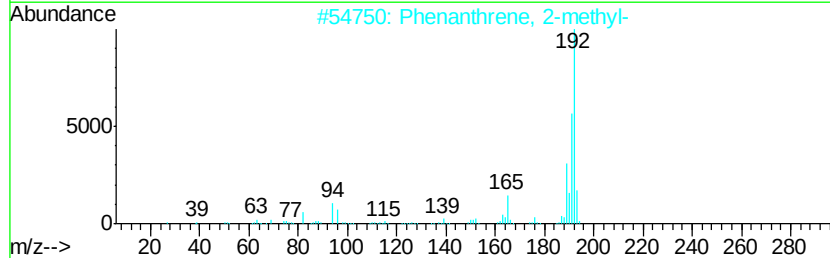
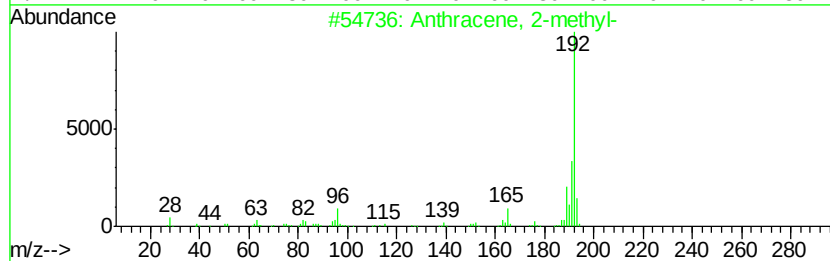
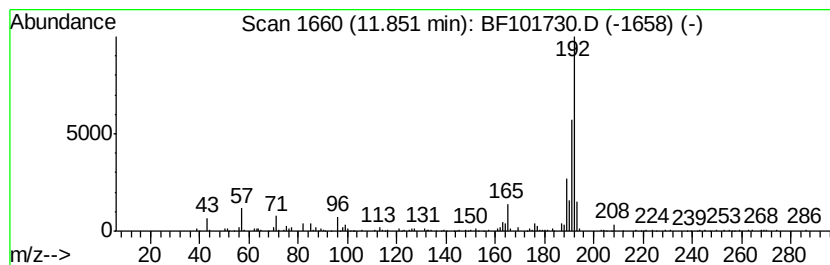
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	4.10 ng	168677	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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Acq On : 26 Dec 2017 22:54
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-EW-3-0-4

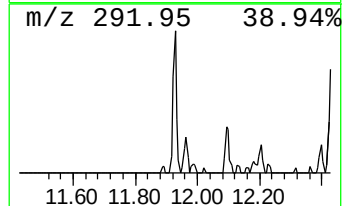
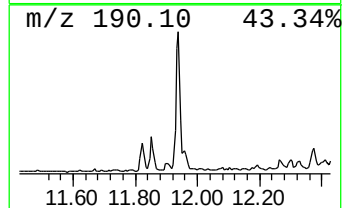
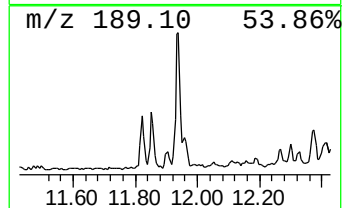
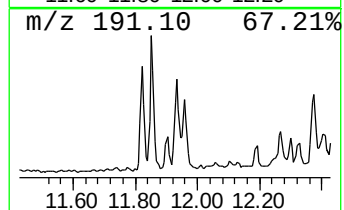
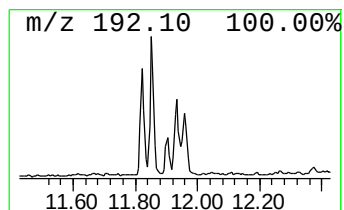
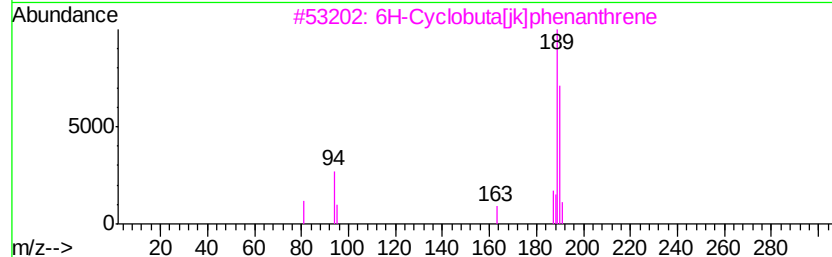
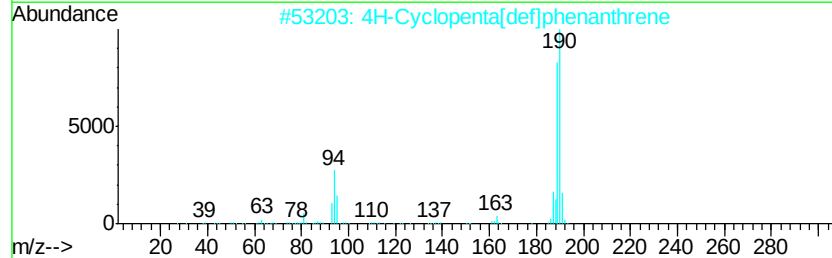
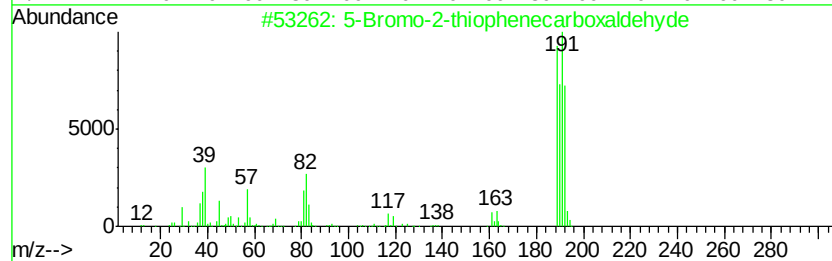
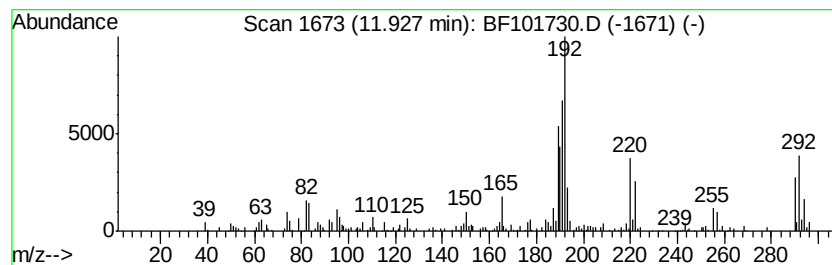
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 5-Bromo-2-thiophenecarboxal... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.12 ng	169446	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
4			Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	43
5			3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101730.D
 Acq On : 26 Dec 2017 22:54
 Operator : SJ/JU
 Sample : I6966-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-EW-3-0-4

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...	5.00	3.6	ng	151437	1	6.79	837427	20.0
unknown6.56	6.56	32.7	ng	1370180	1	6.79	837427	20.0
Tetradecane	9.21	3.0	ng	150827	3	9.83	993087	20.0
Naphthalene, 1,6-...	9.41	2.1	ng	106757	3	9.83	993087	20.0
Hexadecane	9.74	3.7	ng	183016	3	9.83	993087	20.0
Naphthalene, 2,3,...	10.03	2.0	ng	101259	3	9.83	993087	20.0
Heptacosane	10.46	6.6	ng	329813	3	9.83	993087	20.0
Tridecane, 5-propyl-	10.72	17.1	ng	704202	4	11.32	823359	20.0
Bacchotricuneatin c	11.16	5.3	ng	216968	4	11.32	823359	20.0
Phenanthrene, 2-m...	11.82	4.1	ng	167966	4	11.32	823359	20.0
Anthracene, 2-met...	11.85	4.1	ng	168677	4	11.32	823359	20.0
5-Bromo-2-thiophe...	11.93	4.1	ng	169446	4	11.32	823359	20.0