Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100100.D
Acq On : 2 Nov 2017 22:11
Operator : SJ/JU
Sample : I6079-14 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Q3-COMP

Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

Quant Time: Nov 03 03:07:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	65074	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	258520	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	113629	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	179249	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	113773	20.00	ng		-0.03
86) Perylene-d12	15.41	264	116991	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	111630	26.93	ng		0.00
7) Phenol-d6	6.42	99	147486	30.01	ng		0.00
23) Nitrobenzene-d5	7.34	82	79014	19.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	27236	26.30	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	173082	23.50	ng		-0.01
78) Terphenyl-d14	12.87	244	102442	19.68	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	9.52	163	44626	4.959	ng		98
70) Phenanthrene	11.32	178	100654	9.950	ng		98
71) Anthracene	11.38	178	24948	2.430	ng		95
74) Fluoranthene	12.52	202	112052	10.659	ng		97
77) Pyrene	12.74	202	95041	10.986	ng		98
80) Benzo(a)anthracene	13.94	228	45529	6.313	ng		97
82) Chrysene	13.97	228	36471	5.379	ng		97
85) Indeno(1,2,3-cd)pyrene	16.89	276	18725	3.008	ng		97
87) Benzo(b)fluoranthene	14.99	252	44751m	6.058	ng		
88) Benzo(k)fluoranthene	15.02	252	18892m	2.712	ng		
89) Benzo(a)pyrene	15.35	252	33763	5.088	ng	#	95
91) Benzo(g,h,i)perylene	17.33	276	15117	2.620	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

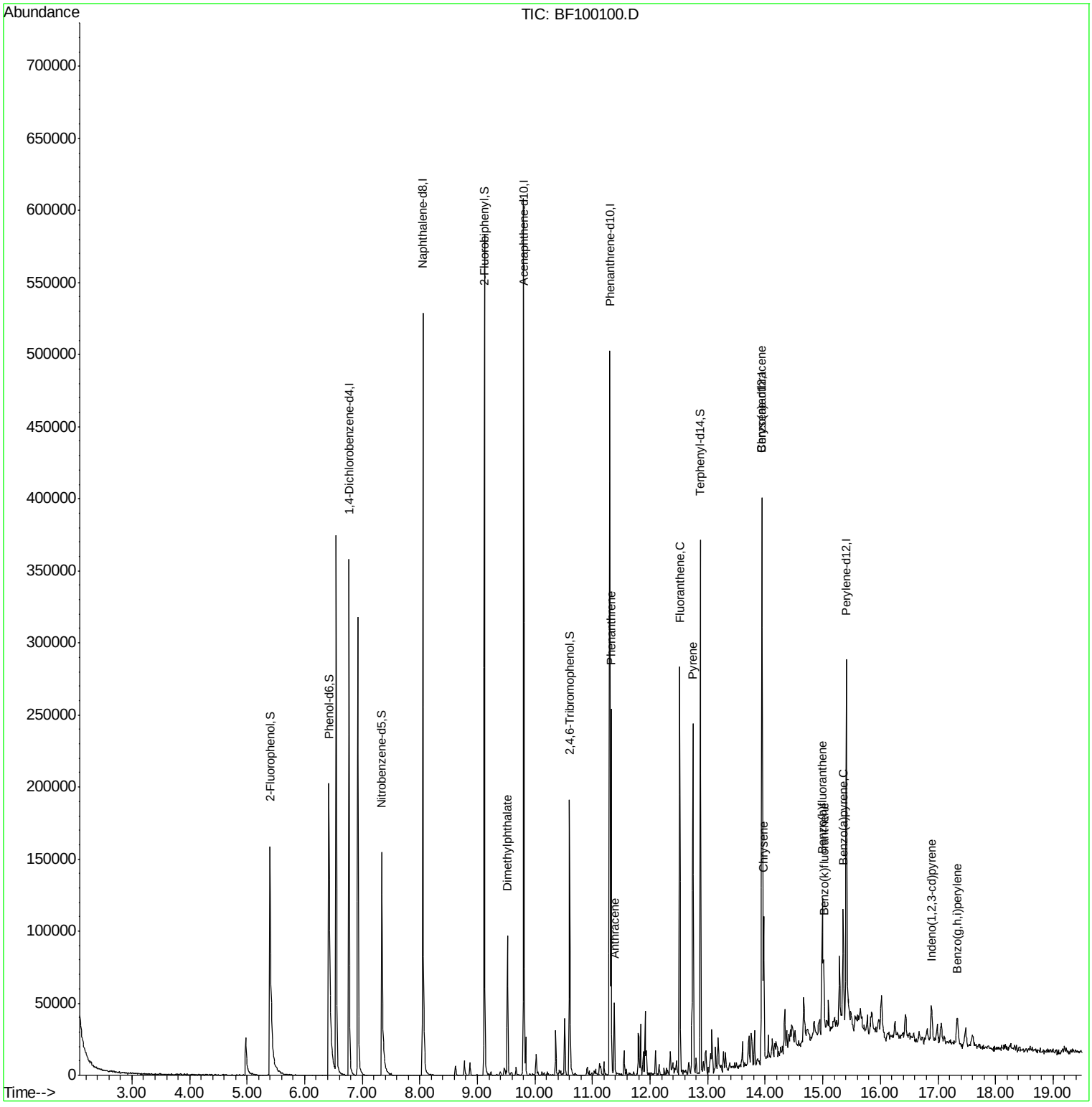
Quantitation Report (LSC Reviewed)

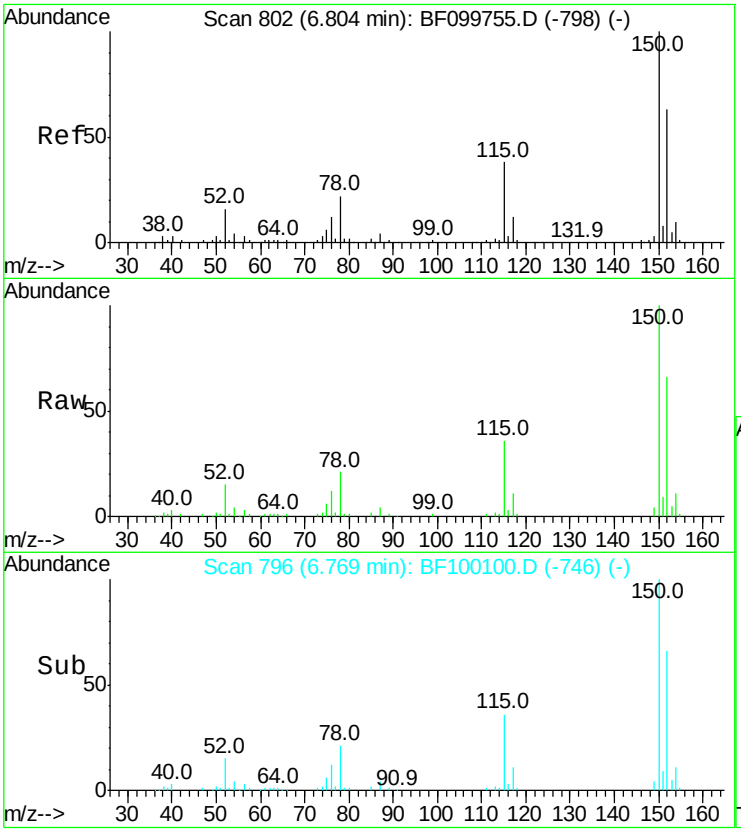
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100100.D
Acq On : 2 Nov 2017 22:11
Operator : SJ/JU
Sample : I6079-14 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 03 03:07:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
Q3-COMP

Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

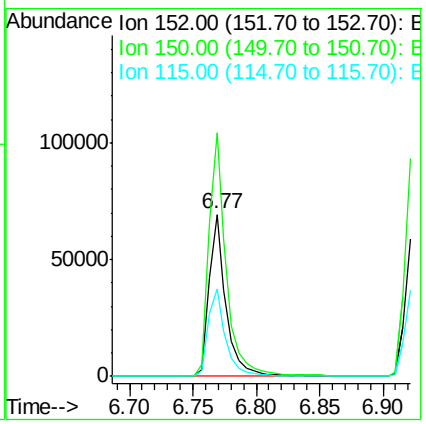




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

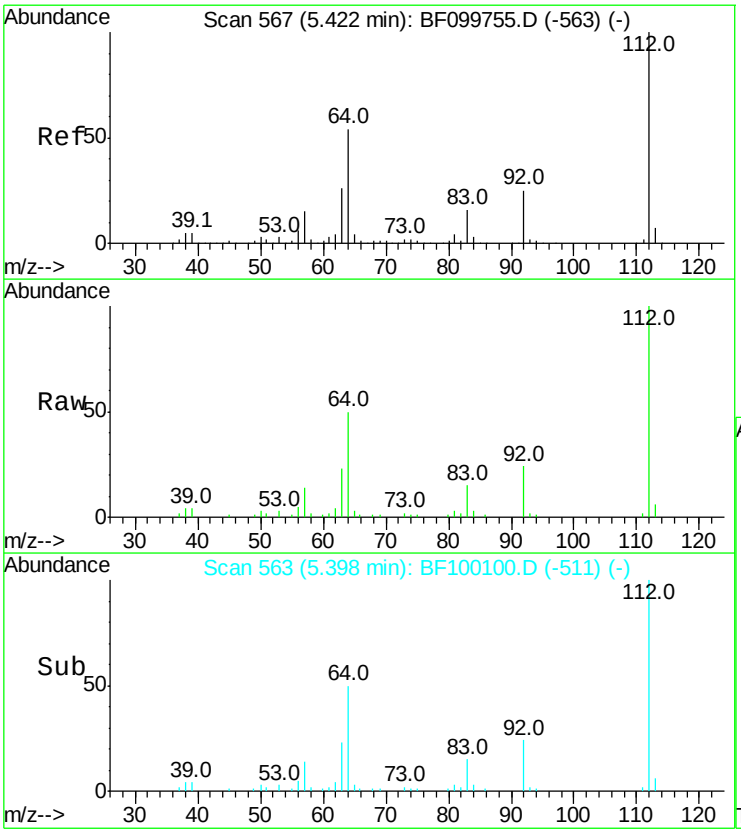
Tgt Ion:152 Resp: 65074

Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.6	186.8
115	54.1	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
Q3-COMP

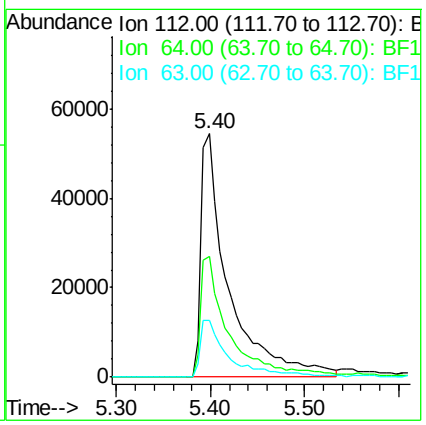
Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

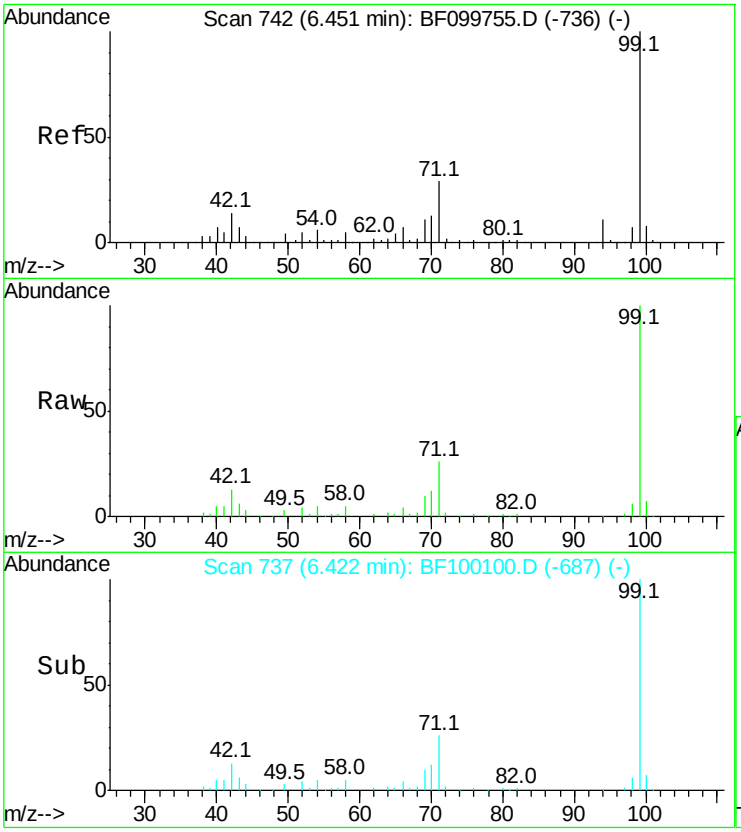


#5
2-Fluorophenol
Concen: 26.932 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

Tgt Ion:112 Resp: 111630

Ion	Ratio	Lower	Upper
112	100		
64	49.8	47.9	71.9
63	23.3	23.7	35.5#

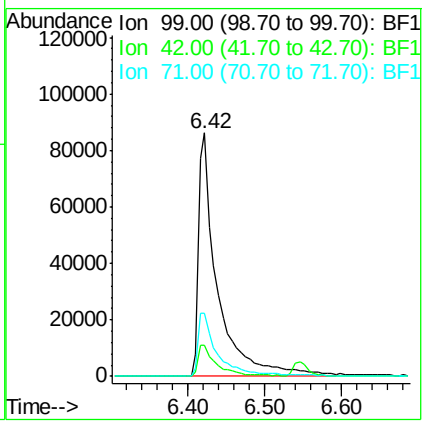




#7
Phenol-d6
Concen: 30.009 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

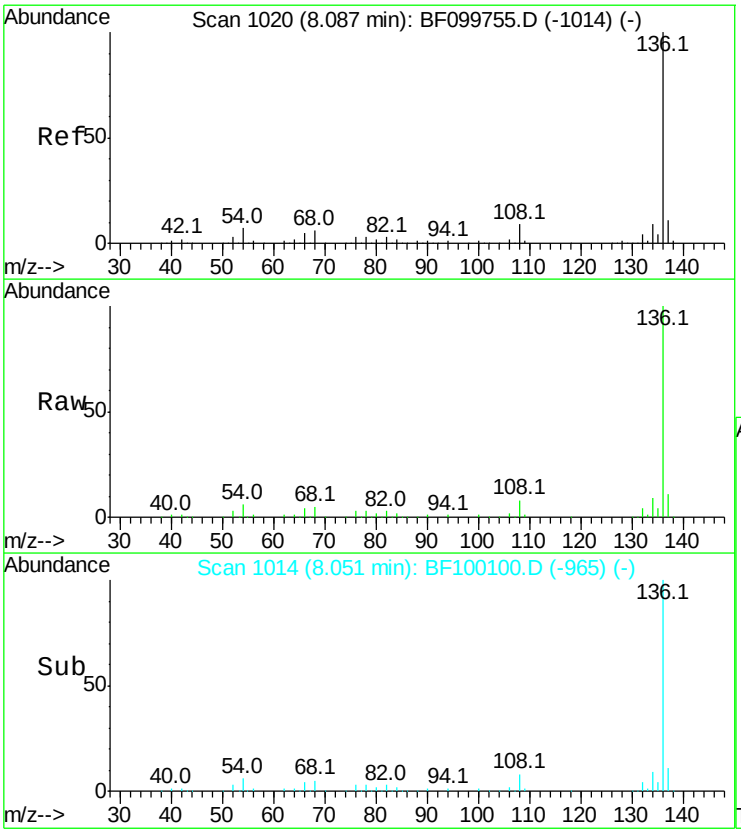
Tgt Ion: 99 Resp: 147486

Ion	Ratio	Lower	Upper
99	100		
42	12.7	14.5	21.7#
71	26.2	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
Q3-COMP

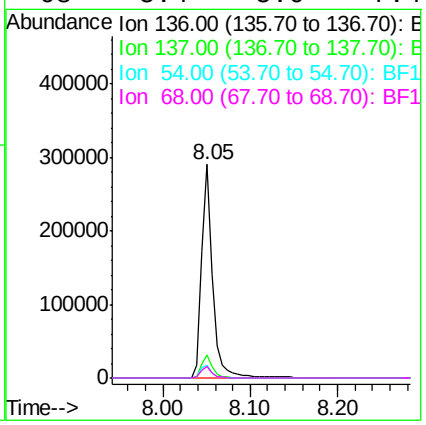
Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

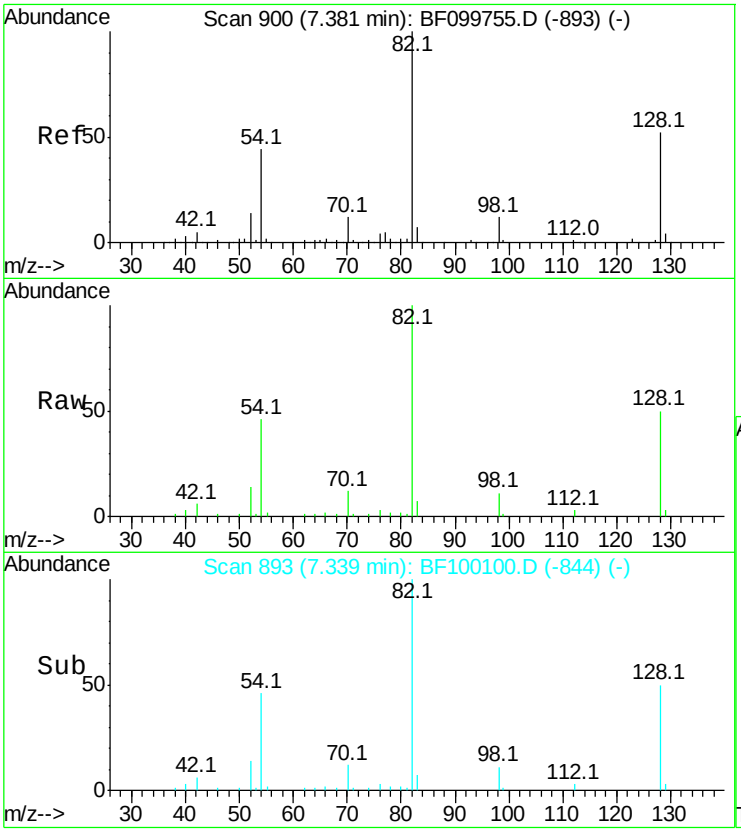


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

Tgt Ion:136 Resp: 258520

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.9	6.6	9.8#
68	5.4	5.0	7.4

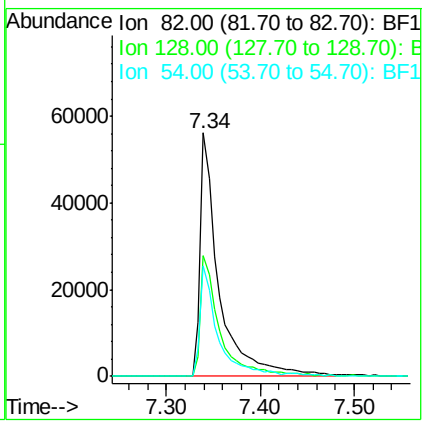




#23
Nitrobenzene-d5
Concen: 19.677 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

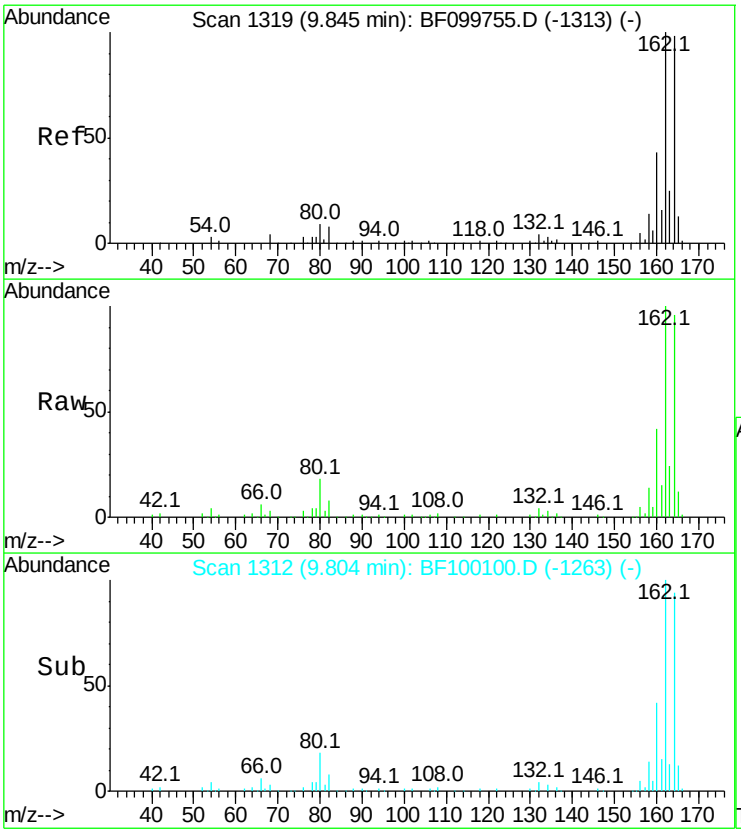
Tgt Ion: 82 Resp: 79014

Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	45.5	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
Q3-COMP

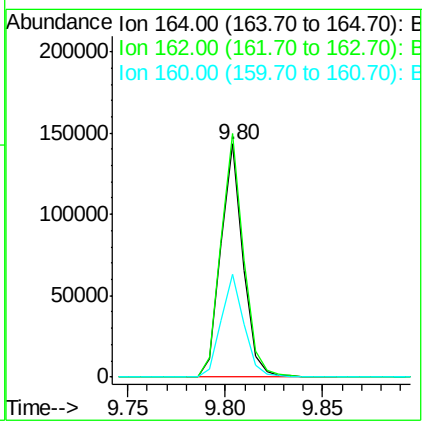
Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

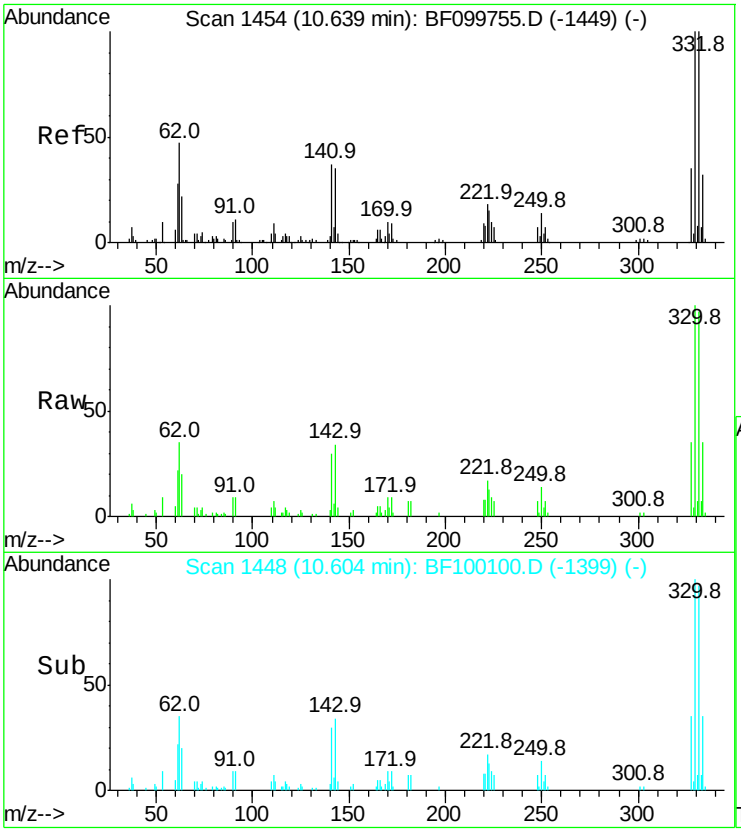


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

Tgt Ion:164 Resp: 113629

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	43.9	38.3	57.5

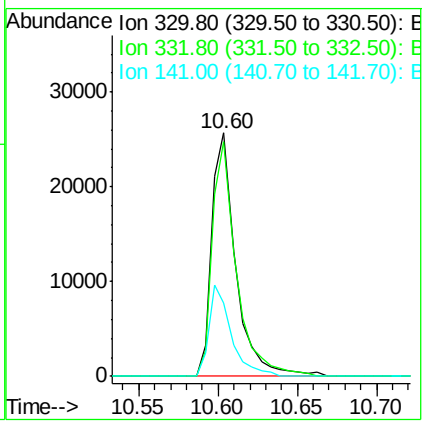




#41
2,4,6-Tribromophenol
Concen: 26.302 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

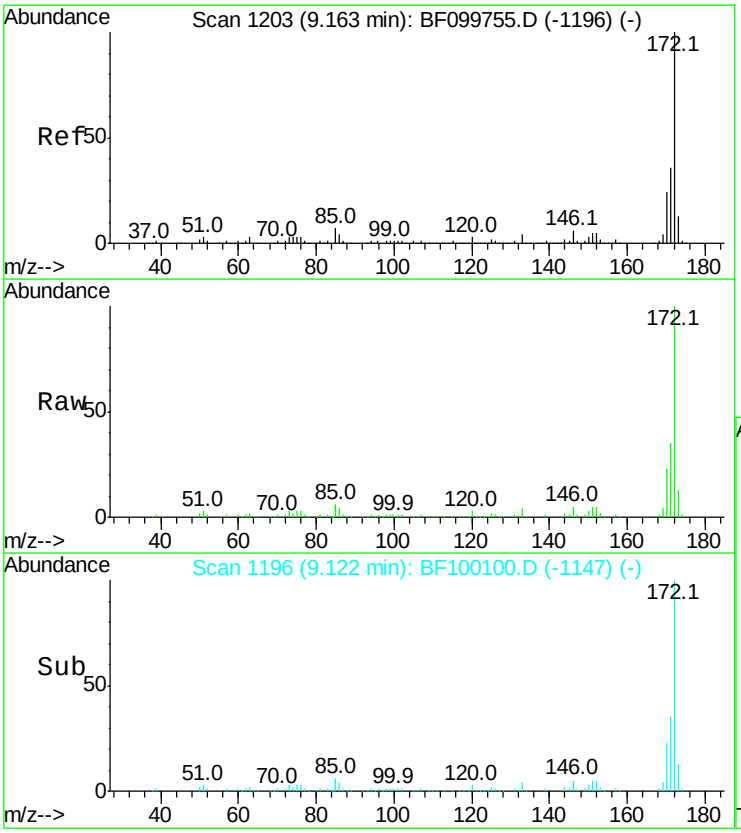
Tgt Ion:330 Resp: 27236

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	34.9	29.9	44.9



Instrument :
BNA_F
ClientSampleId :
Q3-COMP

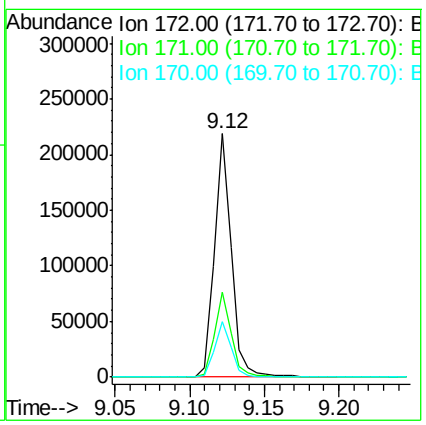
Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

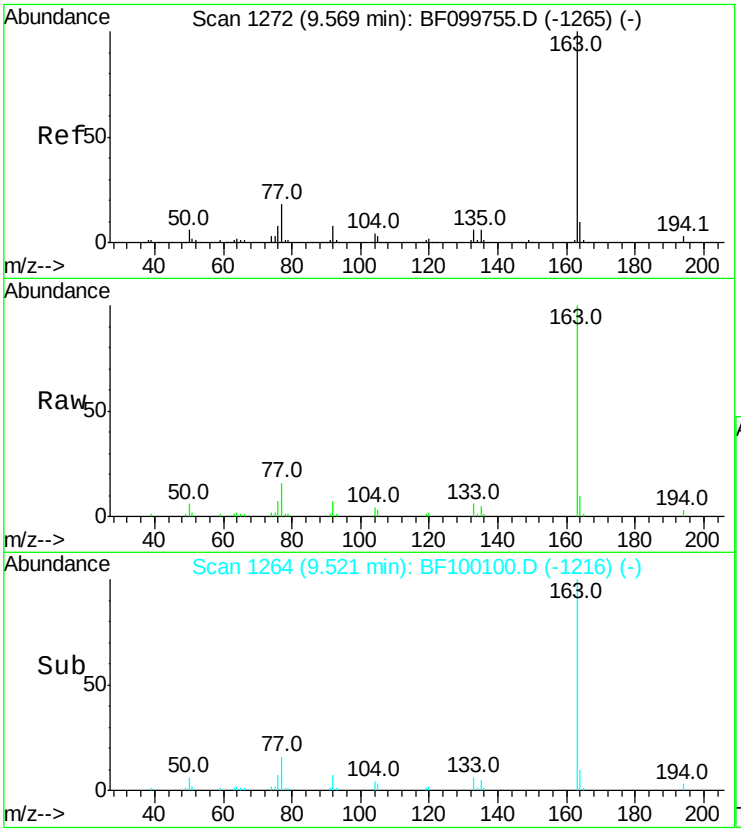


#44
2-Fluorobiphenyl
Concen: 23.501 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

Tgt Ion:172 Resp: 173082

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	22.6	19.6	29.4

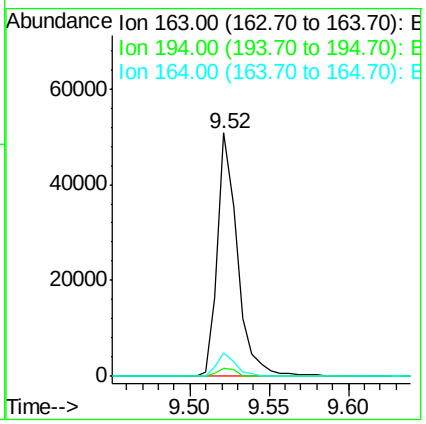




#49
Dimethylphthalate
Concen: 4.959 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

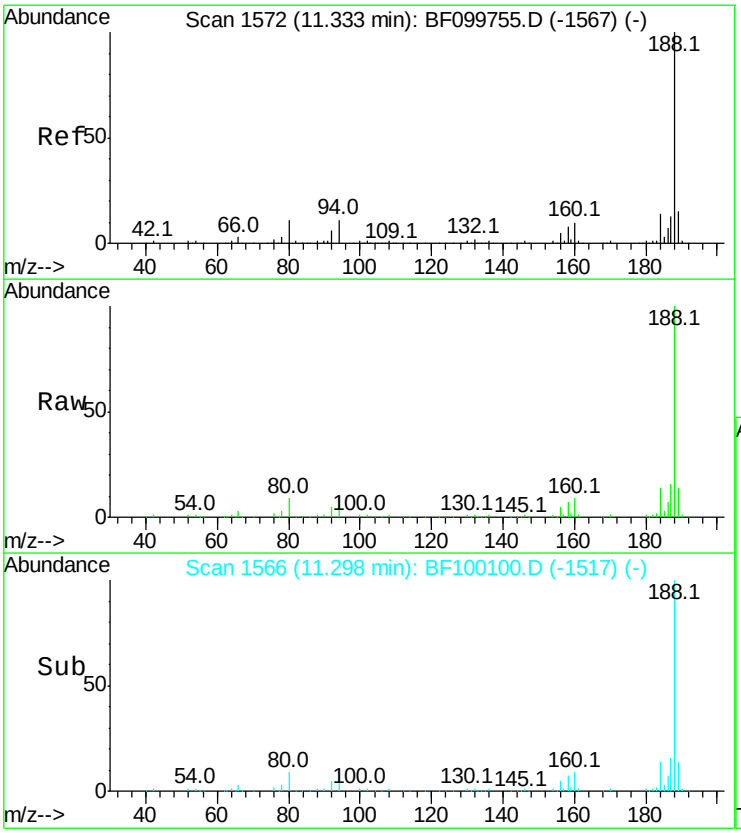
Tgt Ion:163 Resp: 44626

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.5	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
Q3-COMP

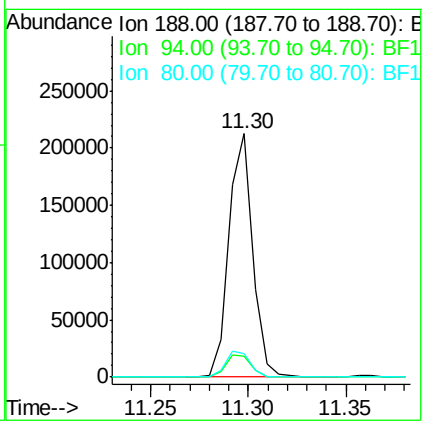
Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

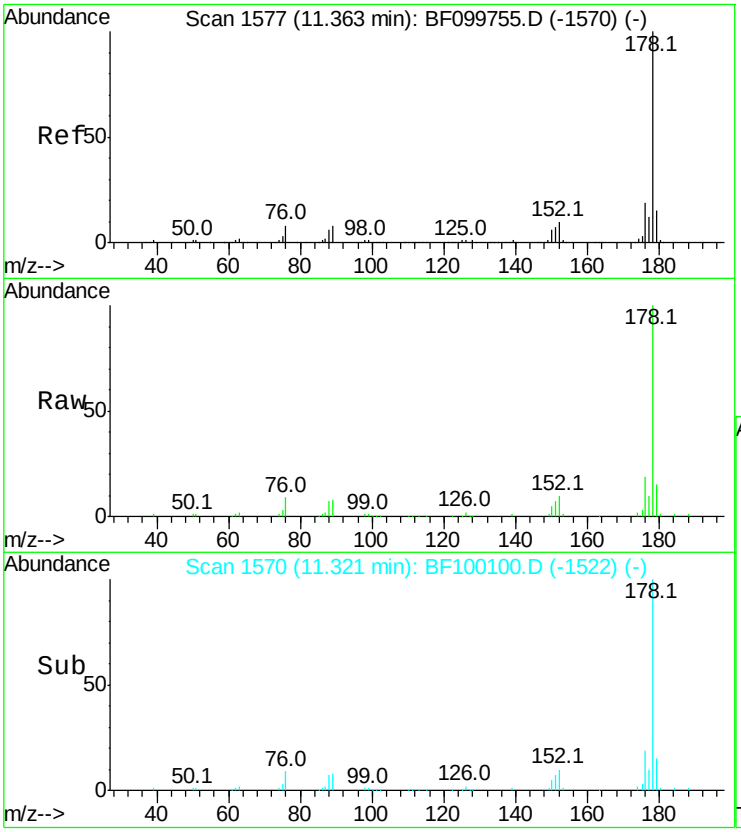


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

Tgt Ion:188 Resp: 179249

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.4	9.2	13.8

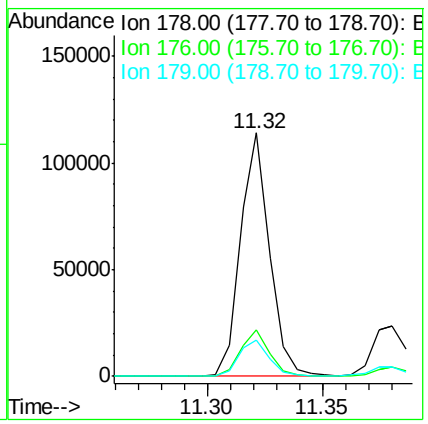




#70
Phenanthrene
Concen: 9.950 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

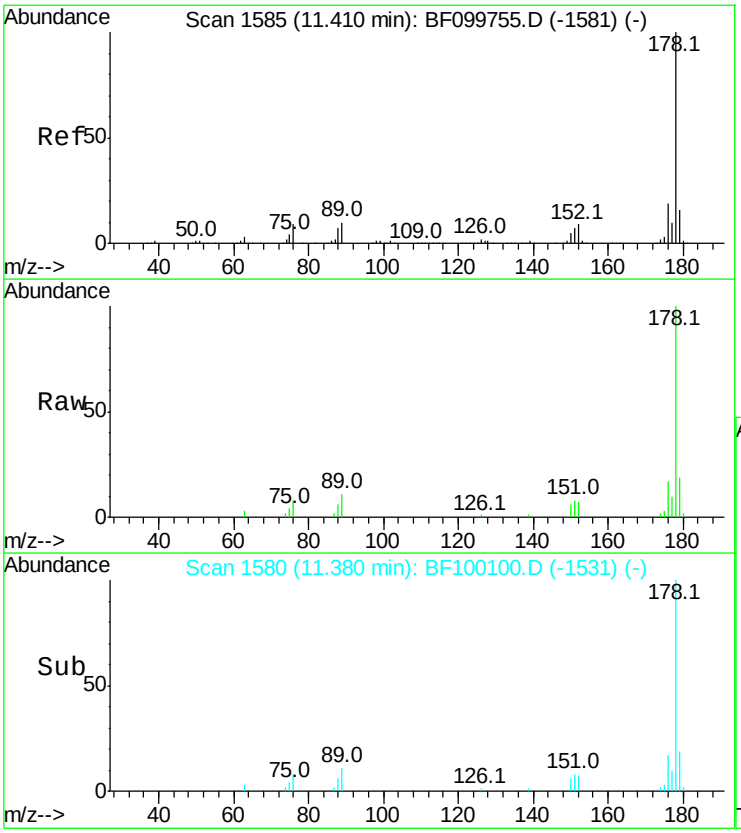
Tgt Ion:178 Resp: 100654

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.8	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
Q3-COMP

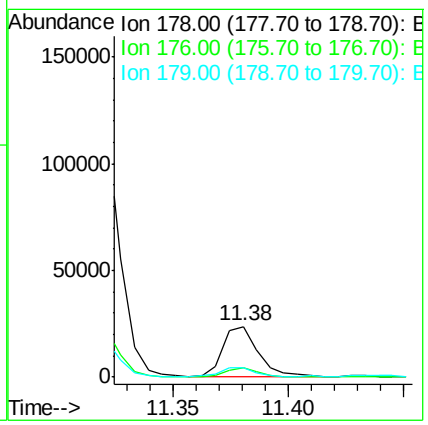
Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

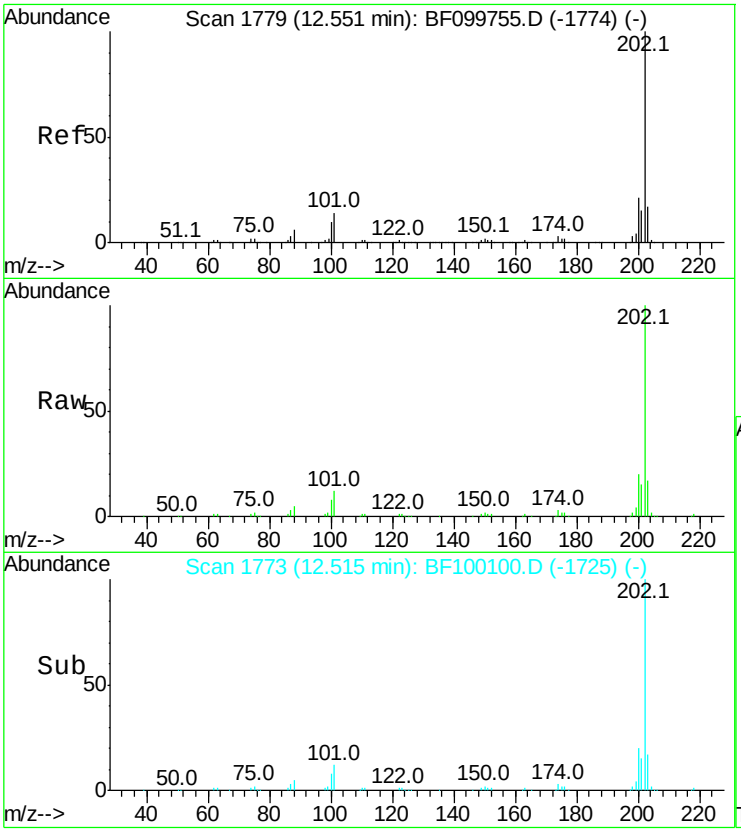


#71
Anthracene
Concen: 2.430 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

Tgt Ion:178 Resp: 24948

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	18.7	12.6	19.0

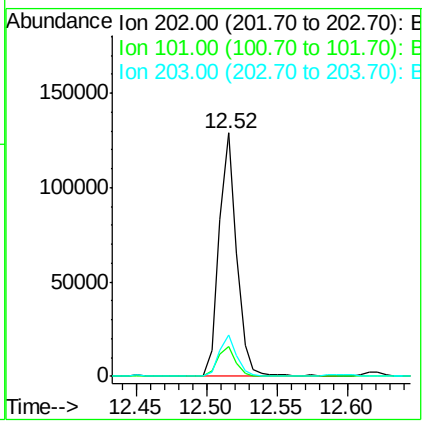




#74
Fluoranthene
Concen: 10.659 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

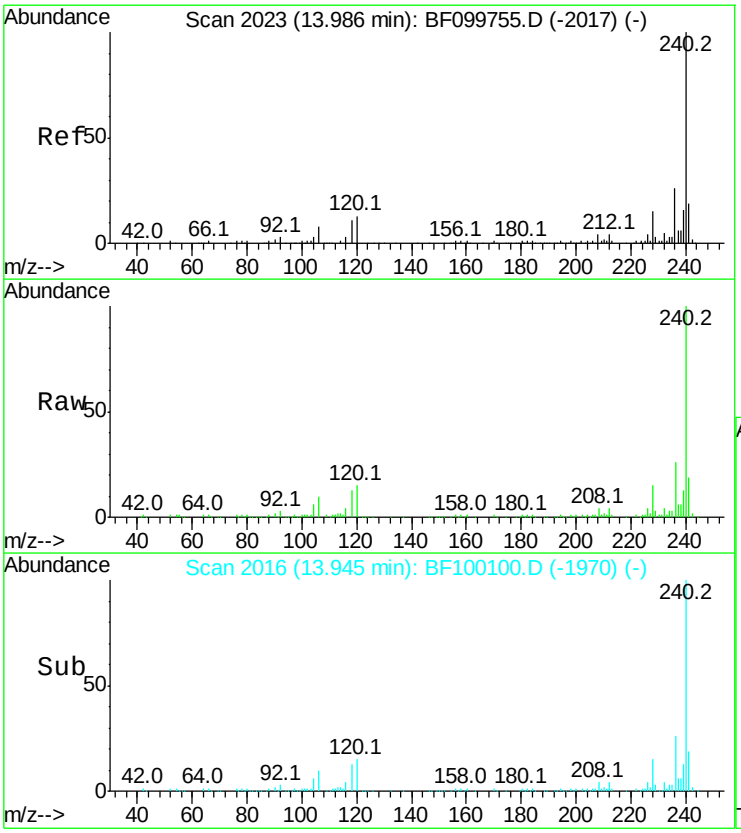
Tgt Ion:202 Resp: 112052

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	16.9	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
Q3-COMP

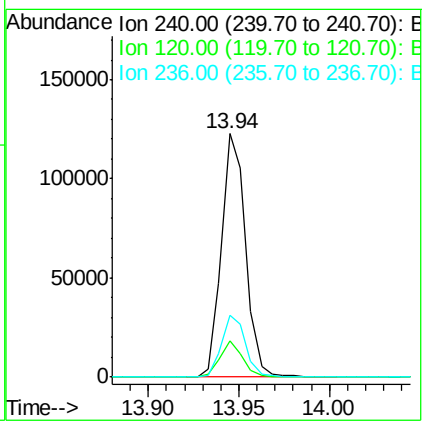
Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

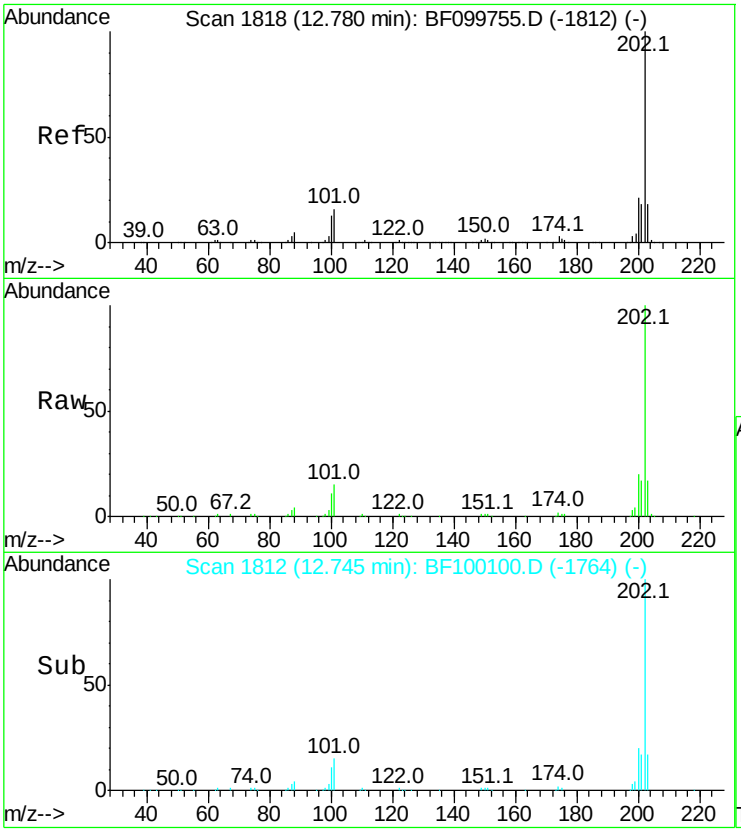


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

Tgt Ion:240 Resp: 113773

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	25.6	20.7	31.1

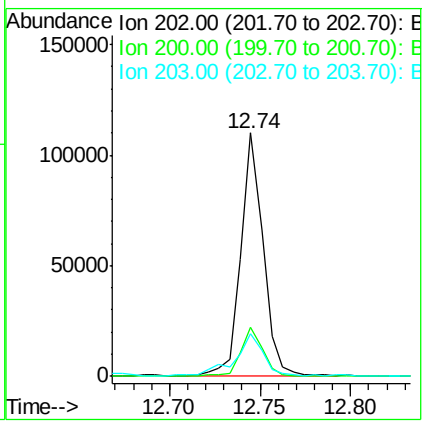




#77
Pyrene
Concen: 10.986 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

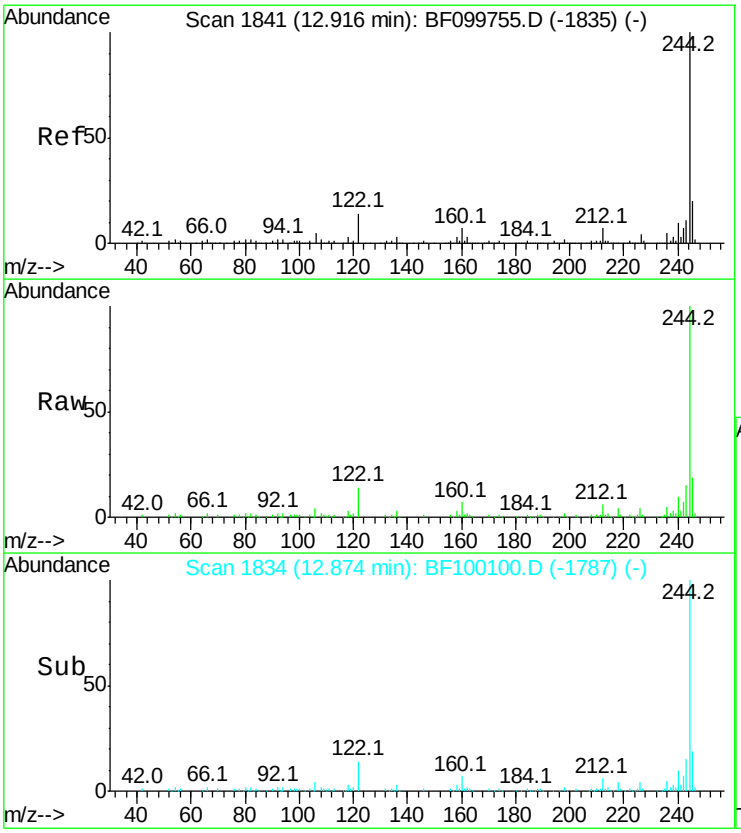
Tgt Ion:202 Resp: 95041

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.5	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
Q3-COMP

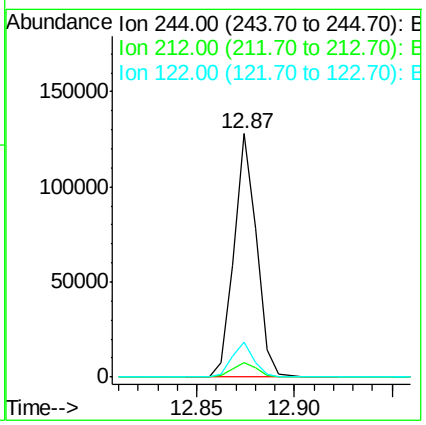
Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

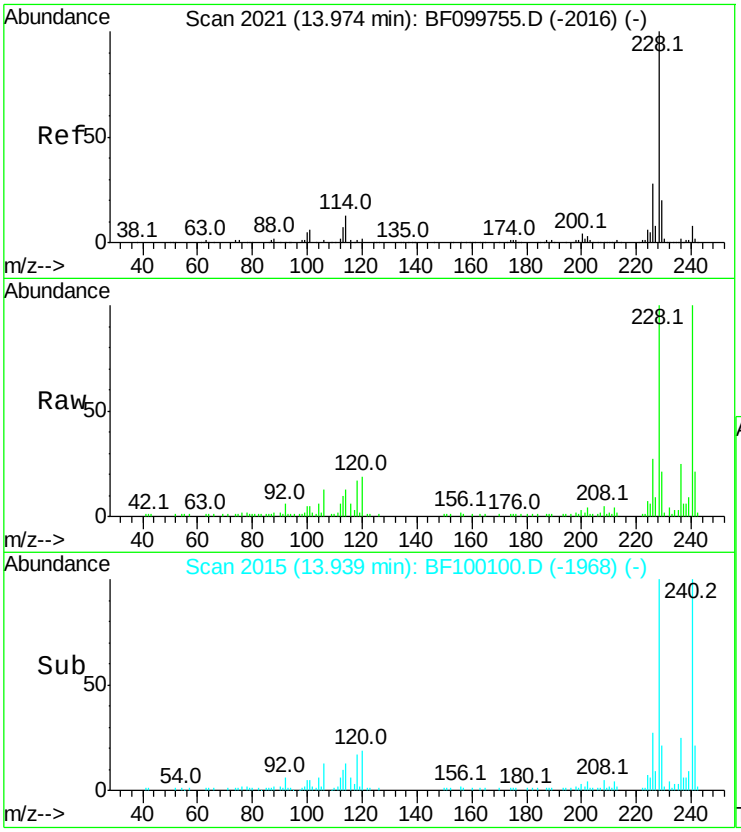


#78
Terphenyl-d14
Concen: 19.677 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

Tgt Ion:244 Resp: 102442

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	14.4	11.0	16.4

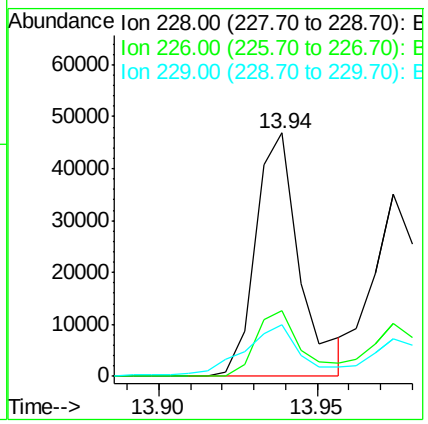




#80
Benzo(a)anthracene
Concen: 6.313 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

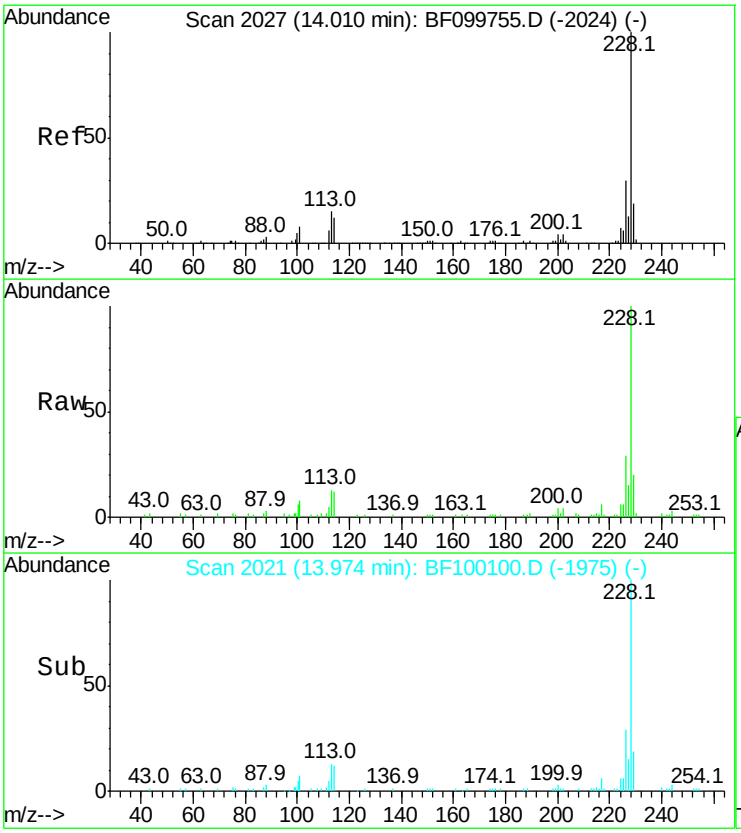
Tgt Ion:228 Resp: 45529

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	21.3	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
Q3-COMP

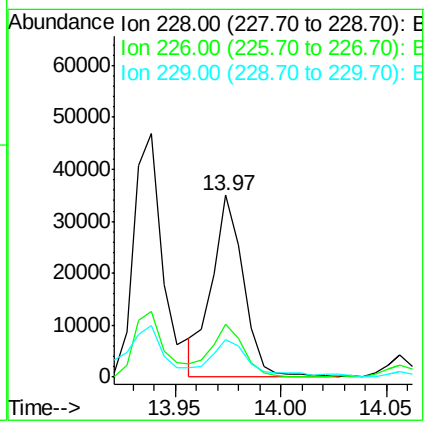
Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

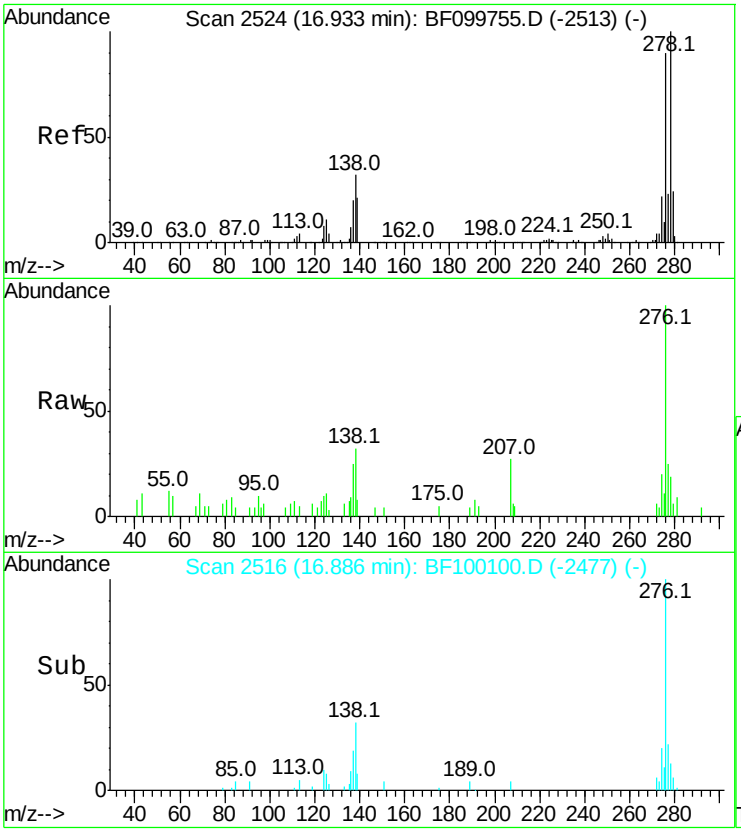


#82
Chrysene
Concen: 5.379 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

Tgt Ion:228 Resp: 36471

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	20.3	16.2	24.4

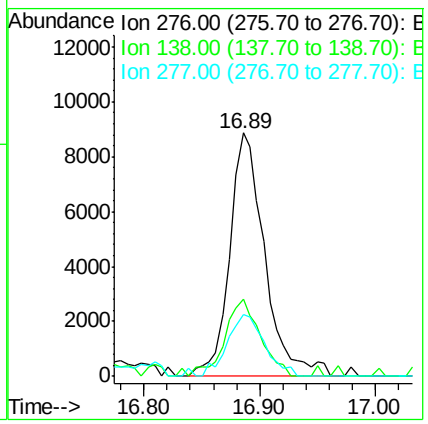




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.008 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.07 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

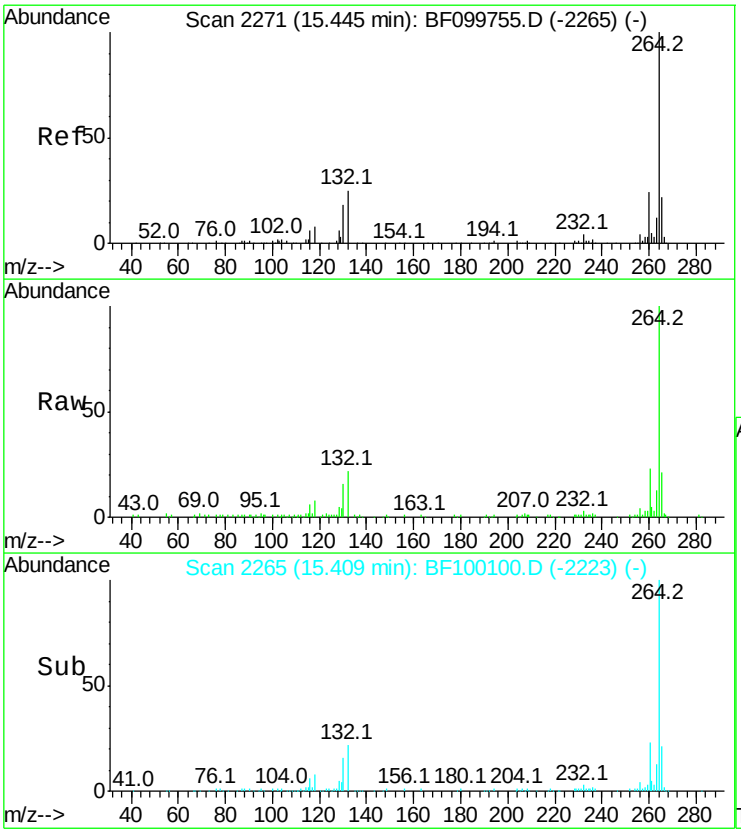
Tgt Ion:276 Resp: 18725

Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	26.9	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
Q3-COMP

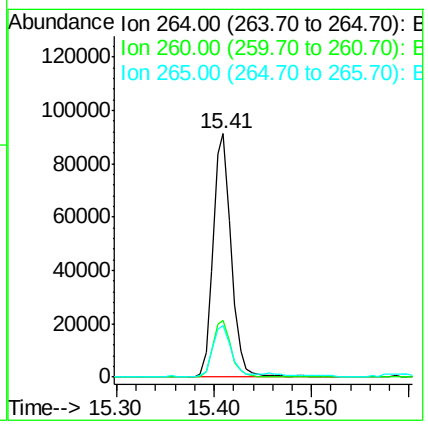
Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

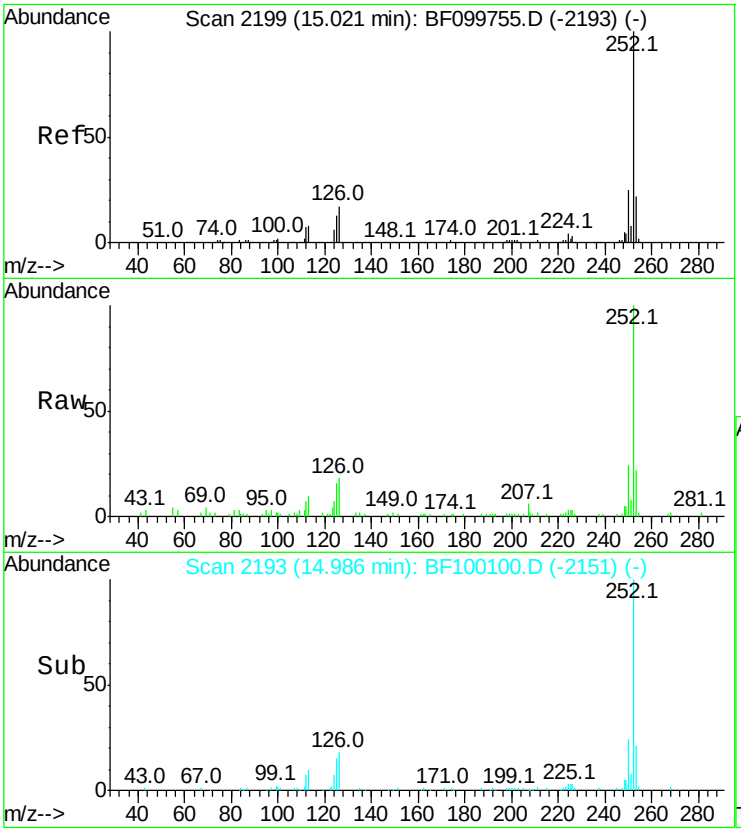


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

Tgt Ion:264 Resp: 116991

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3

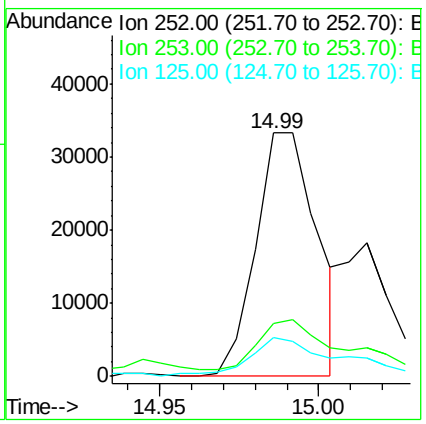




#87
Benzo(b)fluoranthene
Concen: 6.058 ng m
RT: 14.99 min Scan# 2193
Delta R.T. -0.05 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

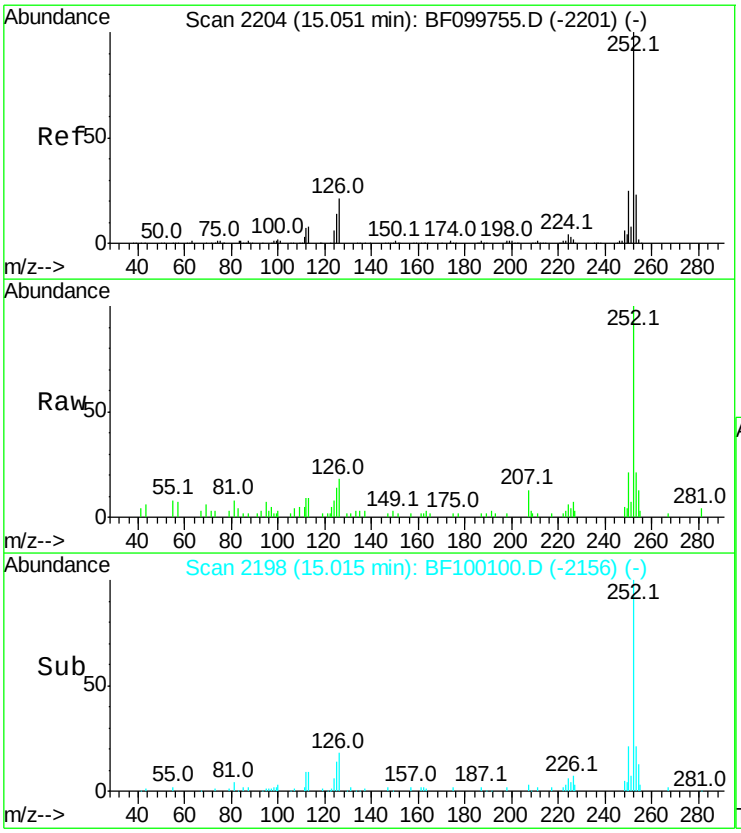
Tgt Ion:252 Resp: 44751

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	16.0	9.0	13.6#



Instrument :
BNA_F
ClientSampleId :
Q3-COMP

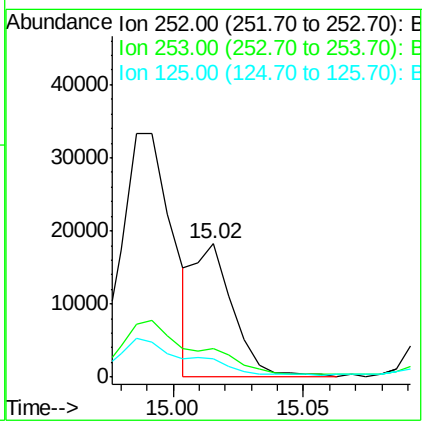
Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM

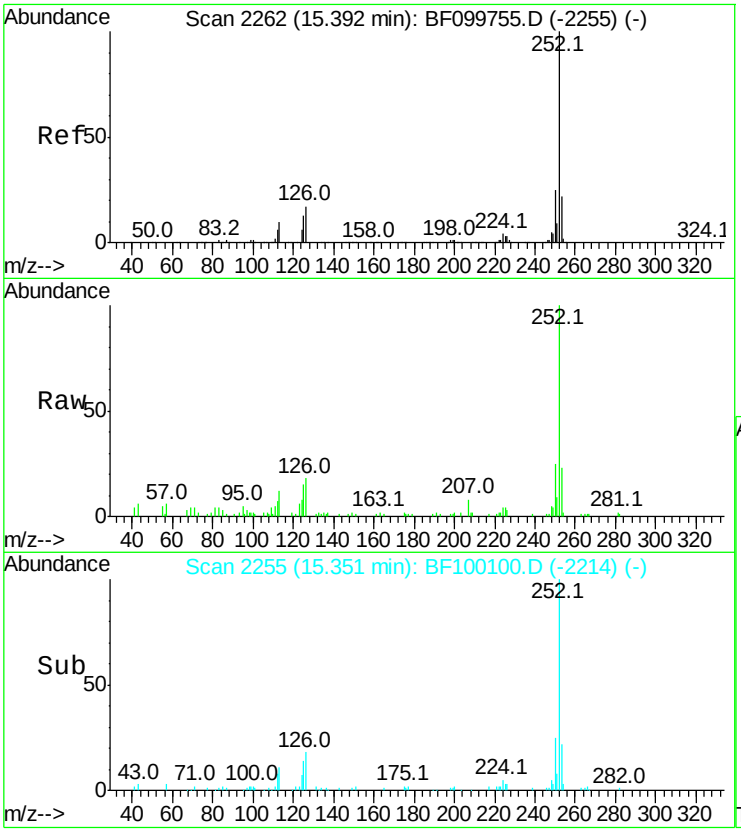


#88
Benzo(k)fluoranthene
Concen: 2.712 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

Tgt Ion:252 Resp: 18892

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	14.1	10.2	15.2

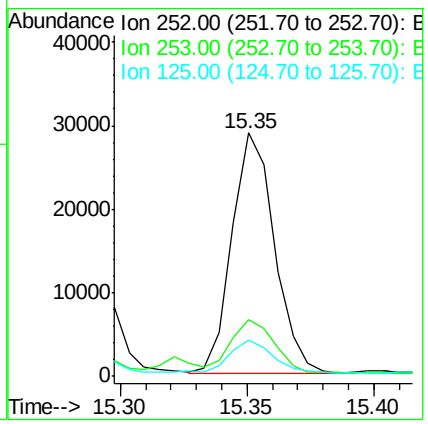




#89
Benzo(a)pyrene
Concen: 5.088 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.06 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

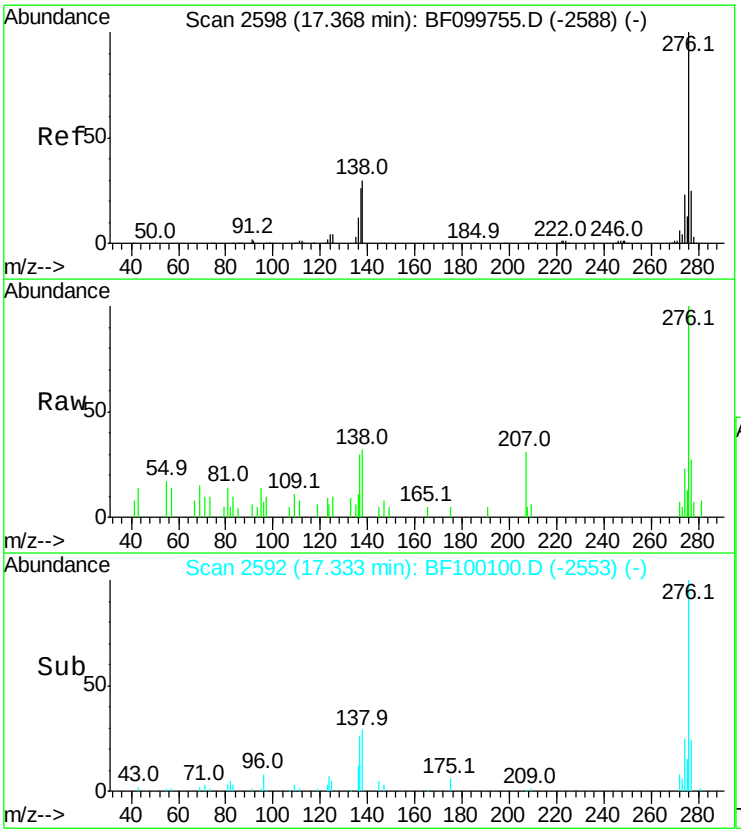
Tgt Ion:252 Resp: 33763

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	14.8	9.8	14.6#



Instrument :
BNA_F
ClientSampleId :
Q3-COMP

Manual Integrations APPROVED
Sohil
11/3/2017 11:20:17 AM



#91
Benzo(g,h,i)perylene
Concen: 2.620 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.07 min
Lab File: BF100100.D
Acq: 2 Nov 2017 22:11

Tgt Ion:276 Resp: 15117

Ion	Ratio	Lower	Upper
276	100		
277	27.3	17.9	26.9#
138	31.7	21.8	32.8