Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116492.D
Acq On : 23 Aug 2019 22:06
Operator : HP/JU
Sample : K4385-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

Quant Time: Aug 26 07:45:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	80404	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	271152	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	116557	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	186877	20.00	ng	0.00
76) Chrysene-d12	14.05	240	169556	20.00	ng	0.02
87) Perylene-d12	15.56	264	186081	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	477520	86.78	ng	0.00
7) Phenol-d6	6.50	99	595032	88.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	347697	70.15	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	103464	103.38	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	526259	72.71	ng	0.00
79) Terphenyl-d14	12.99	244	516098	56.86	ng	0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.62	163	34682	4.265	ng	# 92
71) Phenanthrene	11.43	178	43133	4.237	ng	# 66
75) Fluoranthene	12.62	202	100171	9.517	ng	82
78) Pyrene	12.85	202	101615	7.494	ng	# 84
81) Benzo(a)anthracene	14.04	228	62292	5.672	ng	# 82
83) Chrysene	14.07	228	52355	4.704	ng	# 80
86) Indeno(1,2,3-cd)pyrene	17.04	276	39178	4.109	ng	94
88) Benzo(b)fluoranthene	15.10	252	74090m	6.445	ng	
89) Benzo(k)fluoranthene	15.13	252	30388m	2.918	ng	
90) Benzo(a)pyrene	15.49	252	54583m	5.373	ng	
92) Benzo(g,h,i)perylene	17.49	276	37640	4.729	ng	# 71

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

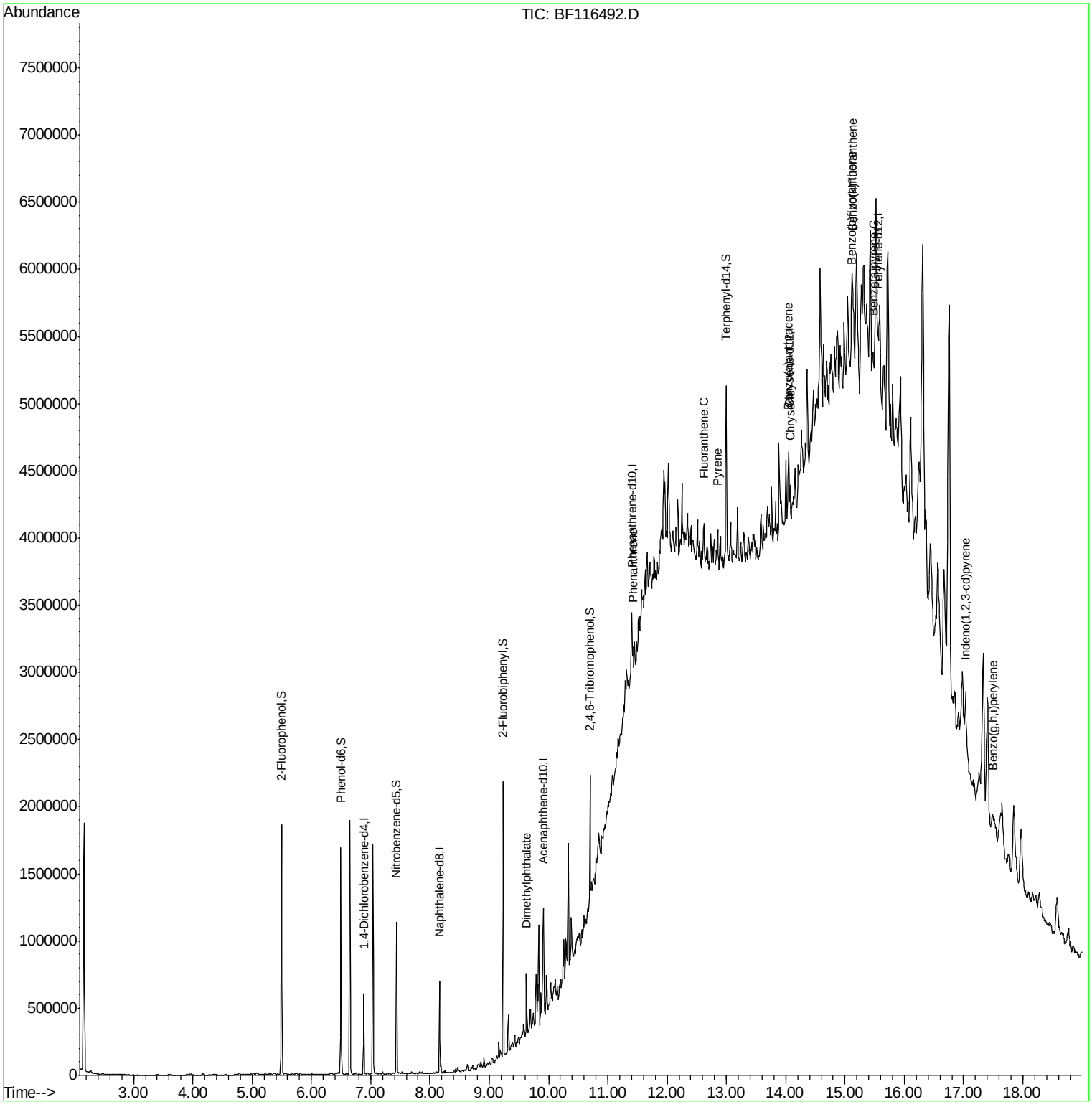
Quantitation Report (LSC Reviewed)

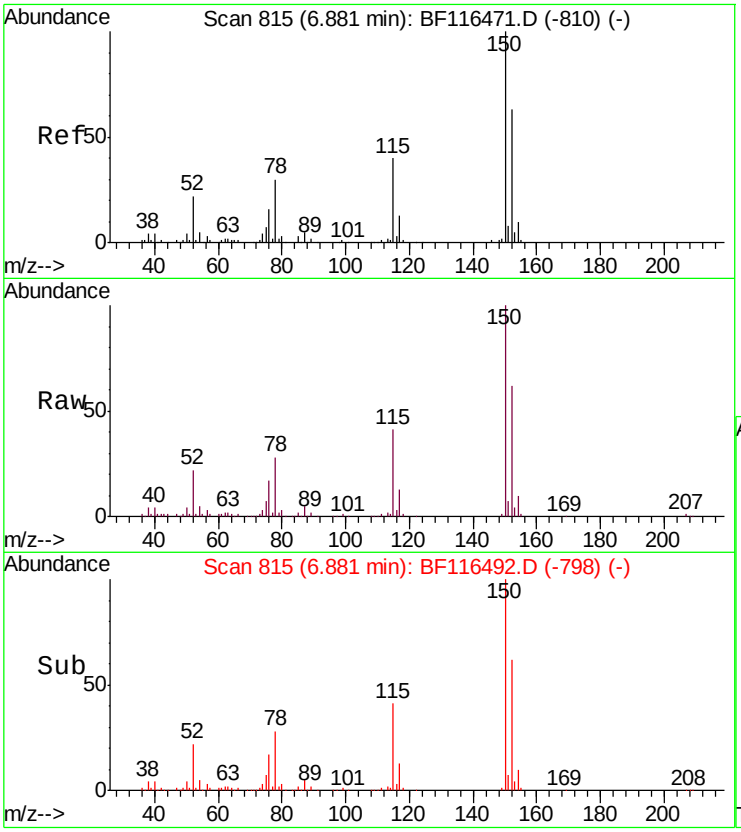
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116492.D
Acq On : 23 Aug 2019 22:06
Operator : HP/JU
Sample : K4385-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 26 07:45:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

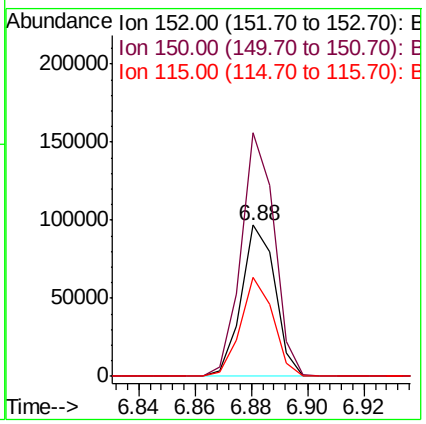




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

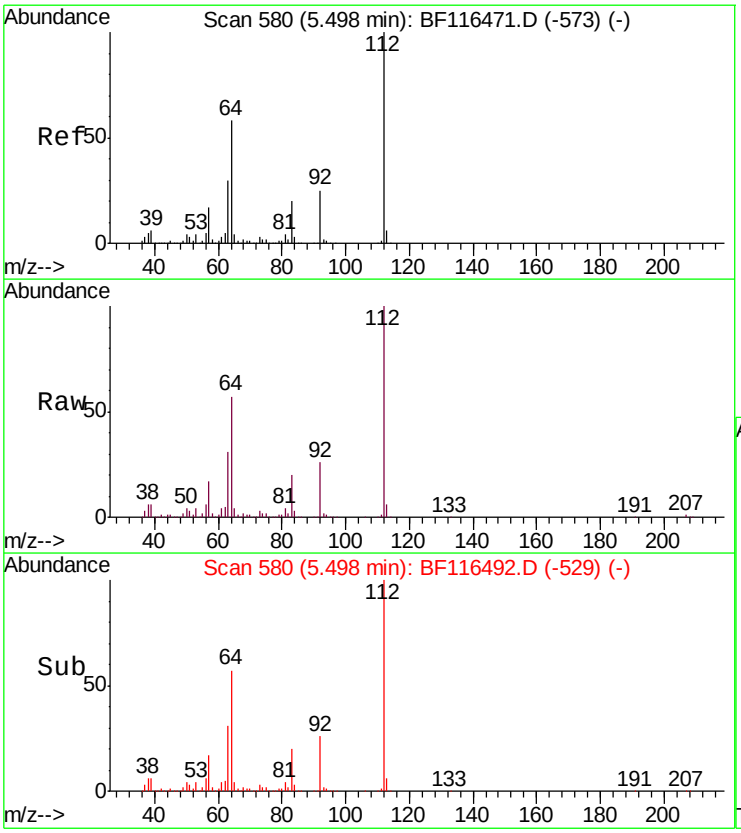
Tgt Ion:152 Resp: 80404

Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.7	190.1
115	65.5	50.9	76.3



Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

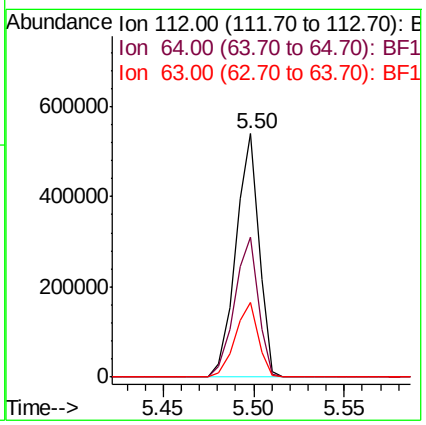
Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

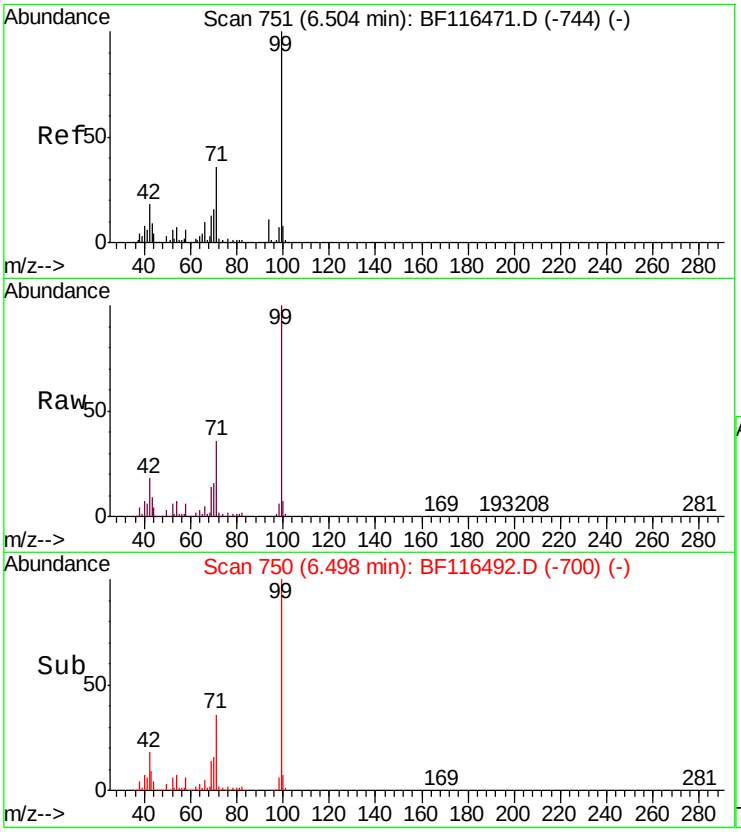


#5
2-Fluorophenol
Concen: 86.778 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

Tgt Ion:112 Resp: 477520

Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.3	69.5
63	30.6	24.2	36.4

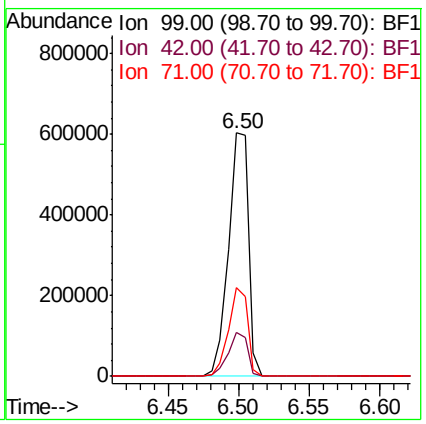




#7
Phenol-d6
Concen: 88.189 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

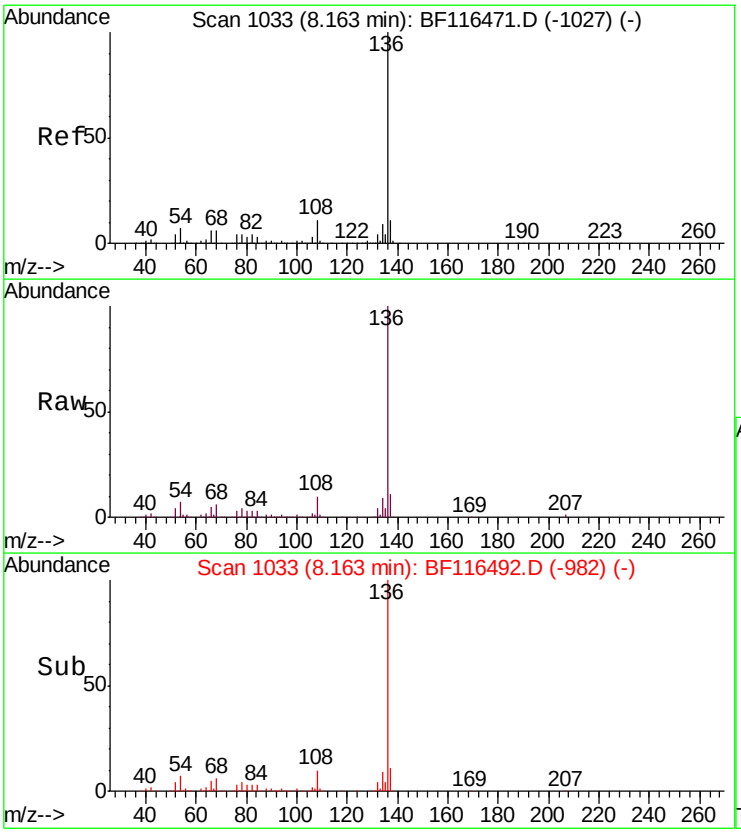
Tgt Ion: 99 Resp: 595032

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.6	21.8
71	36.4	28.5	42.7



Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

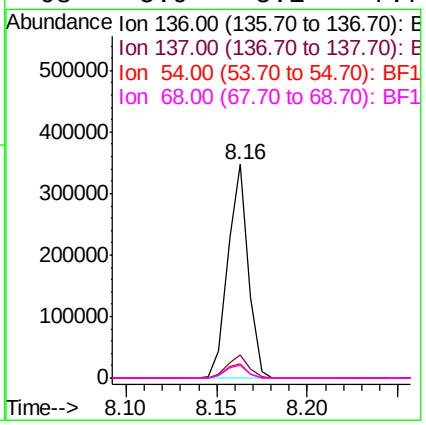
Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

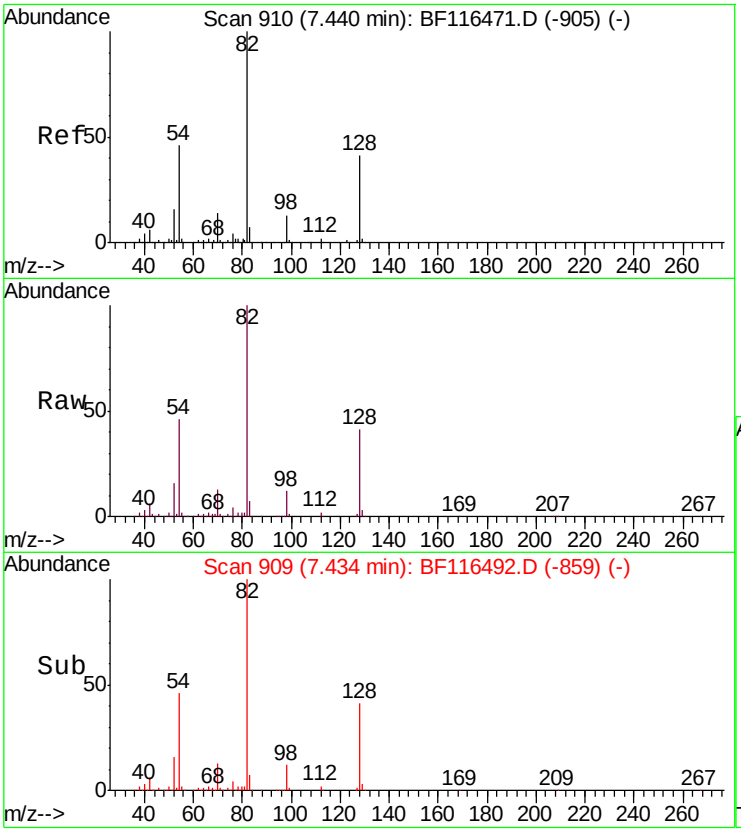


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

Tgt Ion:136 Resp: 271152

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.6	5.8	8.6
68	5.9	5.1	7.7

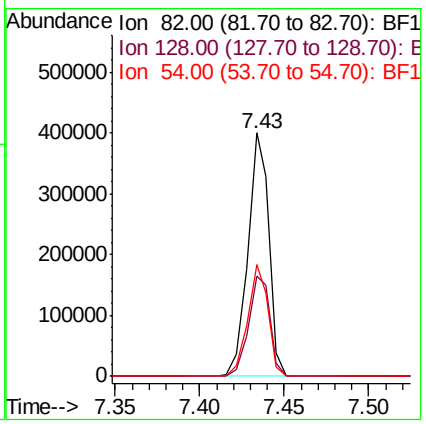




#23
Nitrobenzene-d5
Concen: 70.154 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

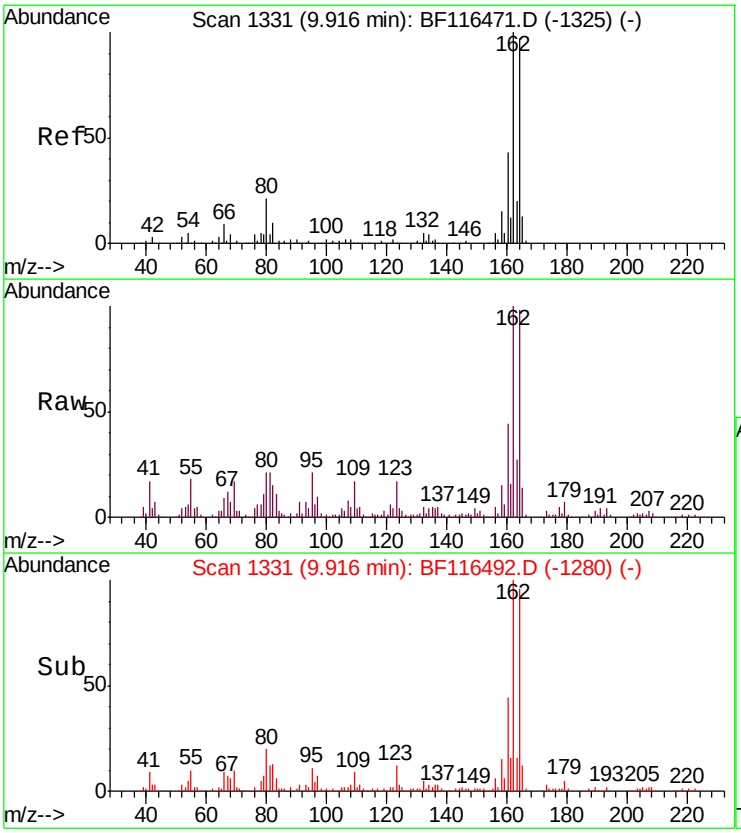
Tgt Ion: 82 Resp: 347697

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.2	48.4
54	46.2	36.5	54.7



Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

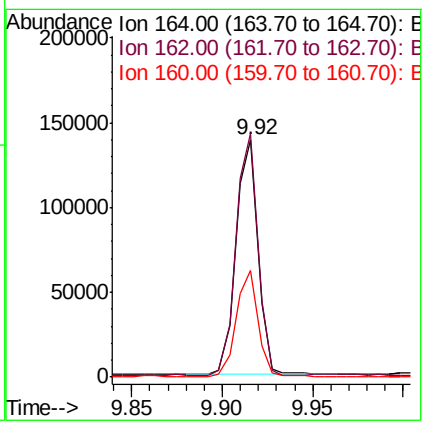
Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

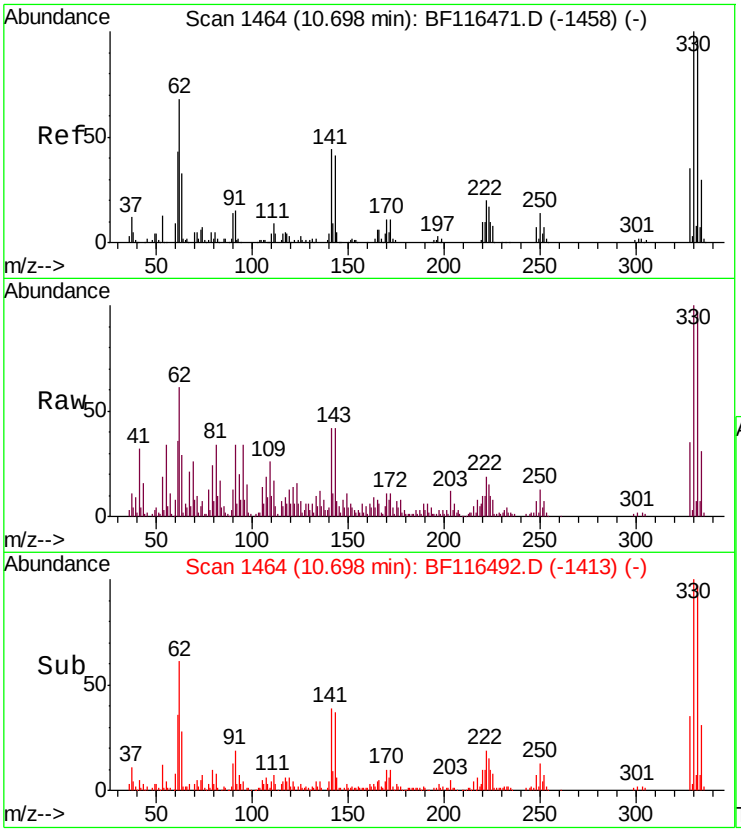


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

Tgt Ion:164 Resp: 116557

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	44.7	35.8	53.8





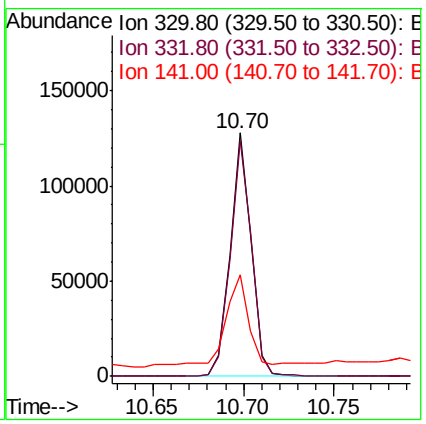
#42
2,4,6-Tribromophenol
Concen: 103.377 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

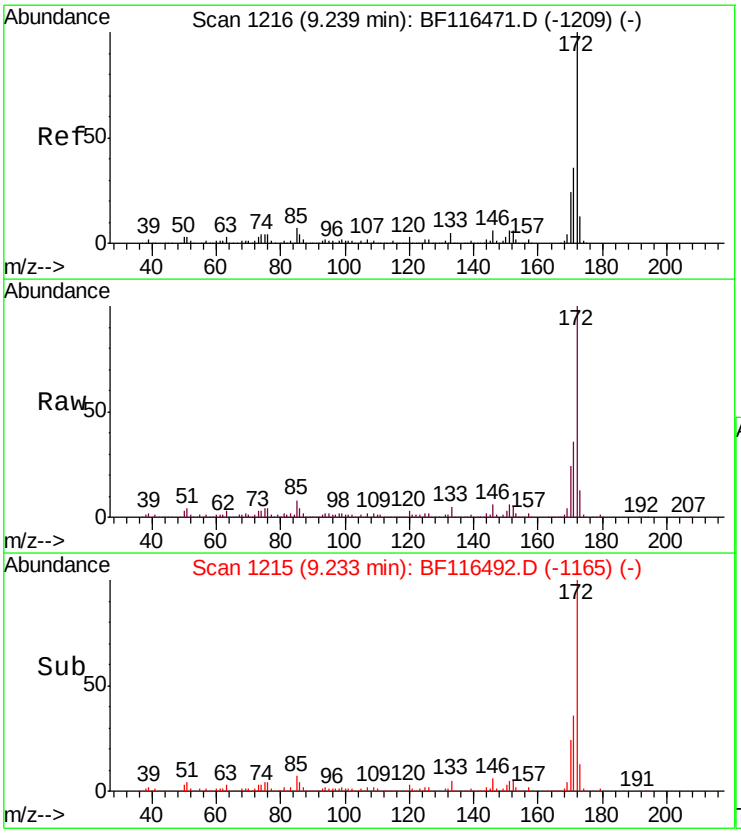
Tgt Ion:330 Resp: 103464

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.2	115.8
141	43.5	33.3	49.9

Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

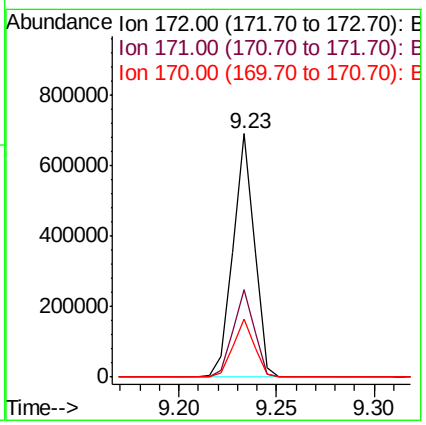


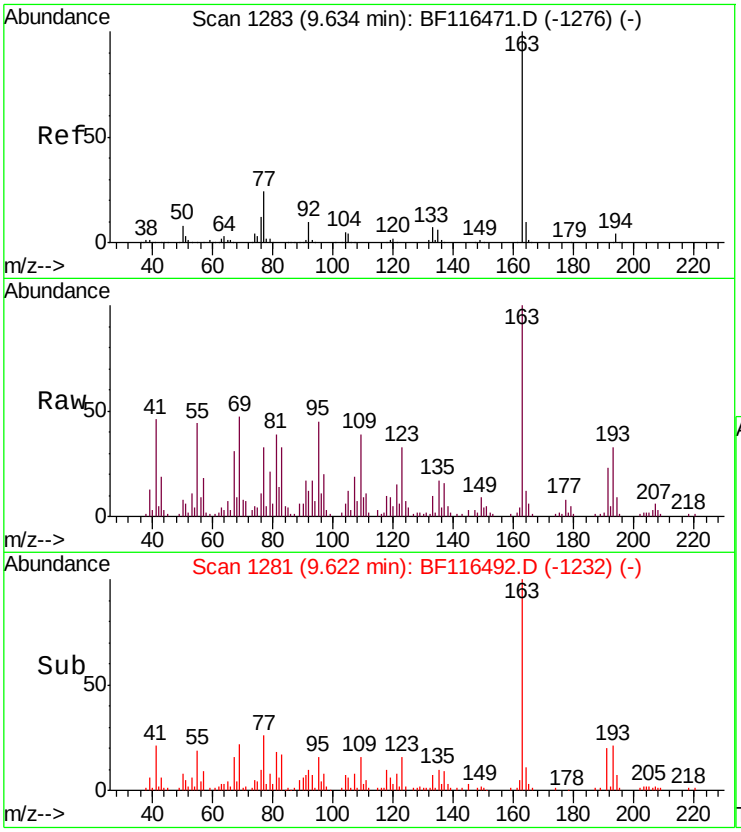


#45
2-Fluorobiphenyl
Concen: 72.710 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

Tgt Ion:172 Resp: 526259

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.8	19.4	29.0

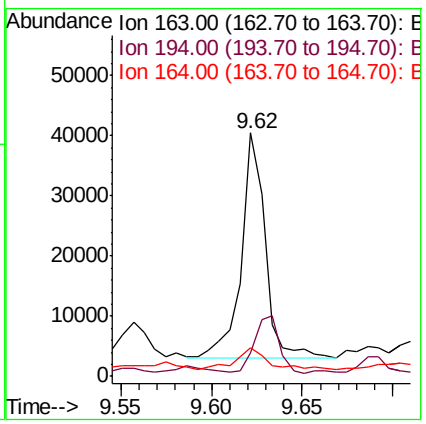




#50
Dimethylphthalate
Concen: 4.265 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

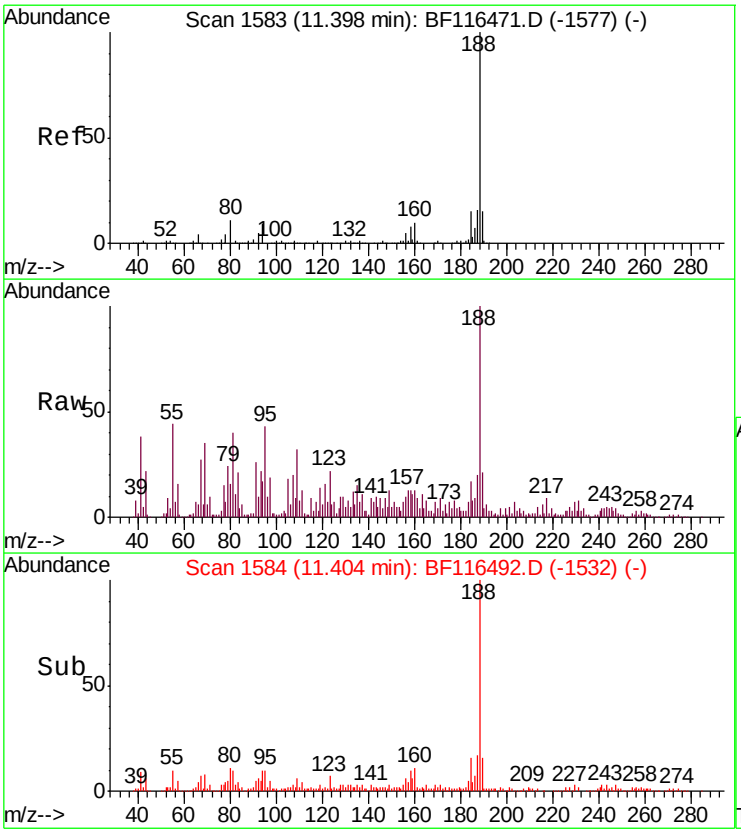
Tgt Ion:163 Resp: 34682

Ion	Ratio	Lower	Upper
163	100		
194	9.5	2.9	4.3#
164	11.7	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

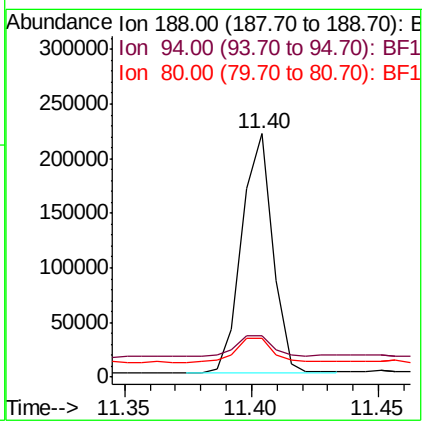
Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

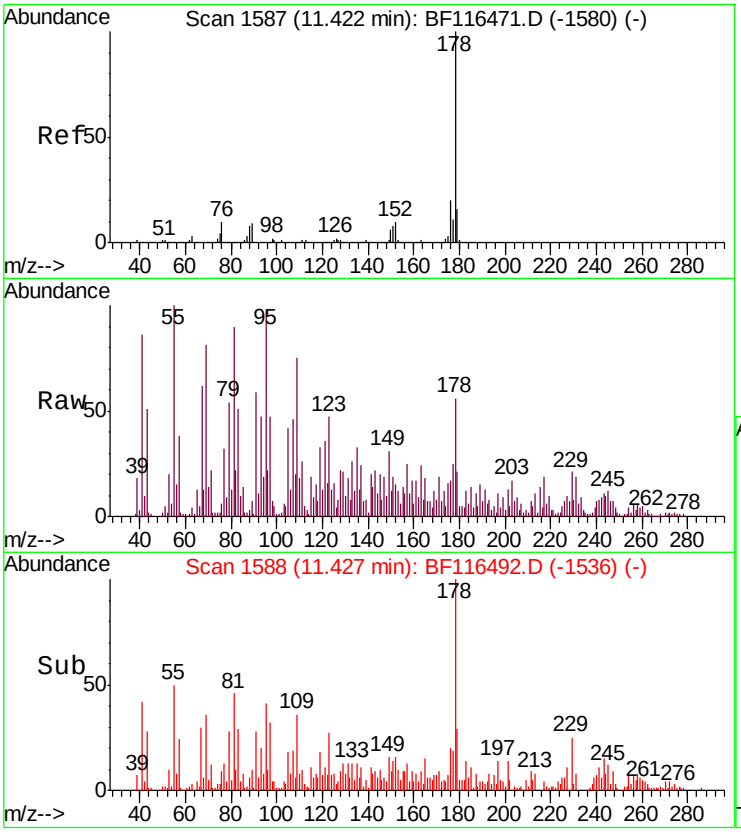


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

Tgt Ion:188 Resp: 186877

Ion	Ratio	Lower	Upper
188	100		
94	16.9	7.4	11.2#
80	16.1	8.6	12.8#





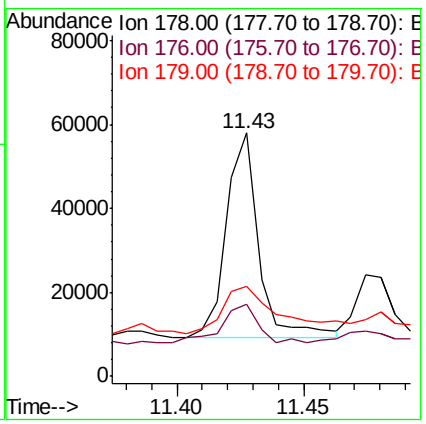
#71
Phenanthrene
Concen: 4.237 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

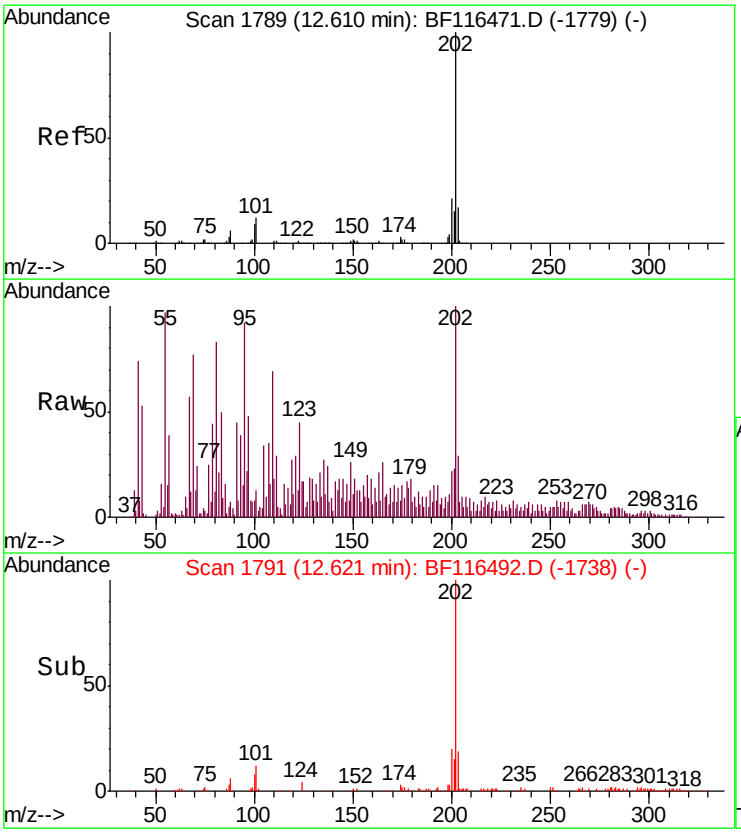
Tgt Ion:178 Resp: 43133

Ion	Ratio	Lower	Upper
178	100		
176	29.6	15.8	23.6#
179	36.8	12.8	19.2#

Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

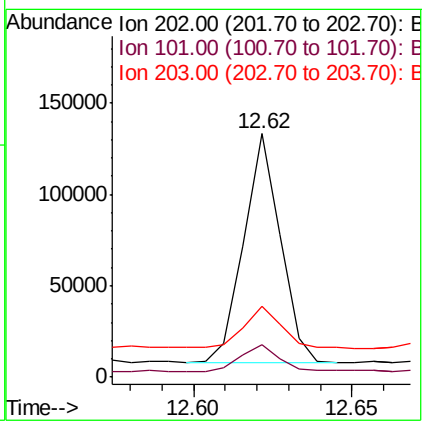


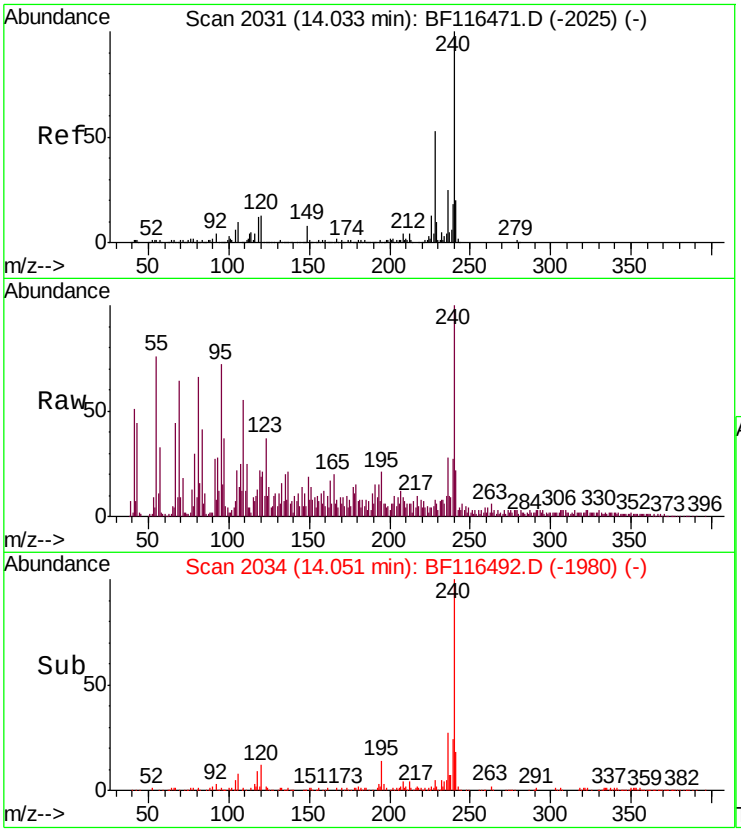


#75
Fluoranthene
Concen: 9.517 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

Tgt Ion:202 Resp: 100171

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.5
203	29.1	0.0	37.5





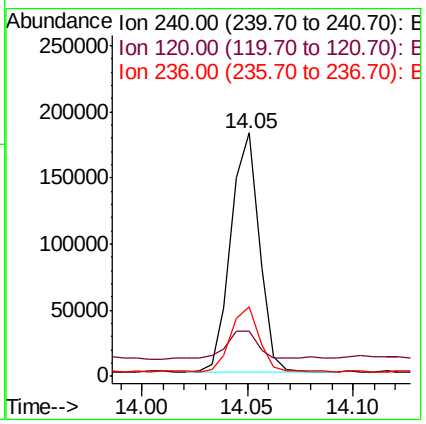
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.02 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

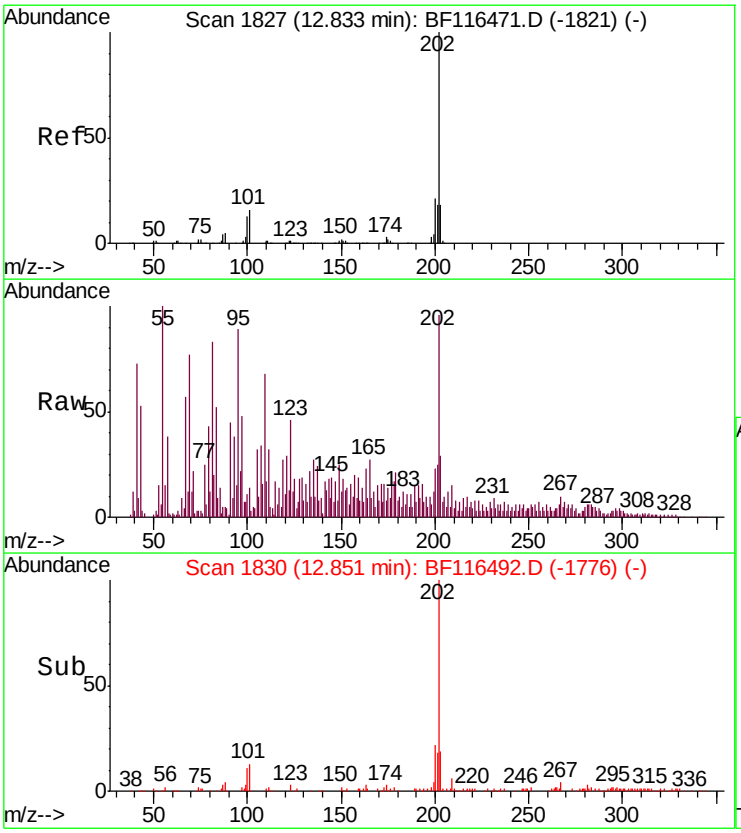
Tgt Ion:240 Resp: 169556

Ion	Ratio	Lower	Upper
240	100		
120	18.7	10.5	15.7#
236	28.4	20.2	30.2

Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

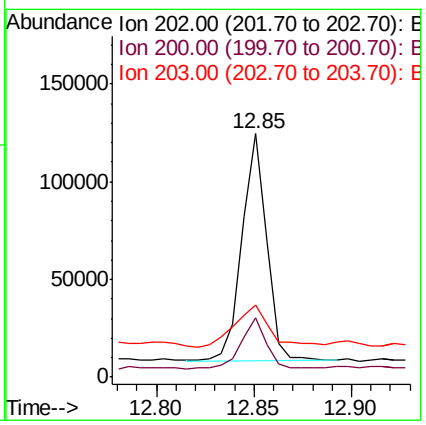


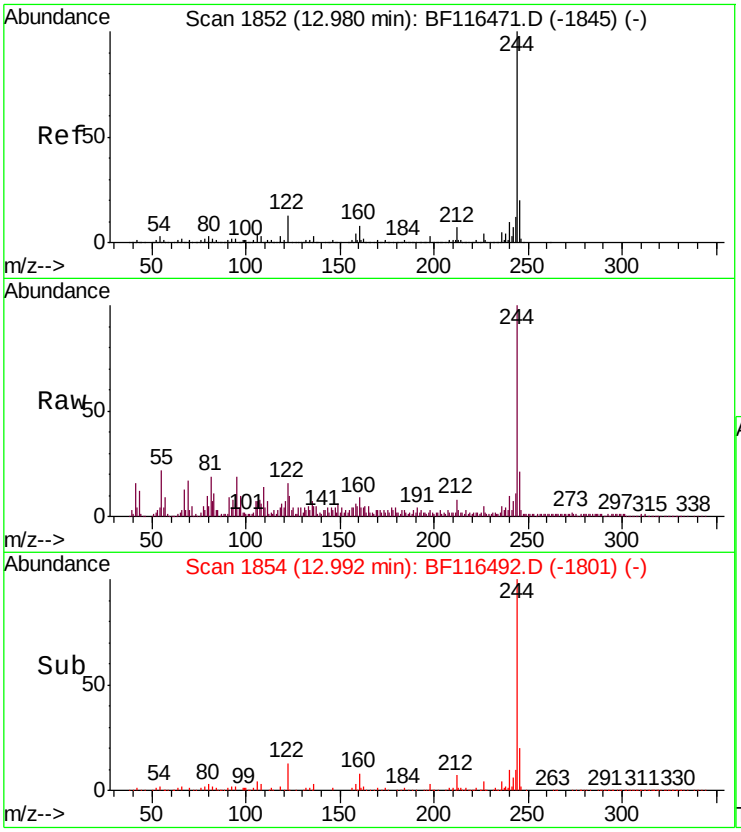


#78
Pyrene
Concen: 7.494 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.02 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

Tgt Ion:202 Resp: 101615

Ion	Ratio	Lower	Upper
202	100		
200	24.2	17.0	25.4
203	29.9	14.2	21.4#

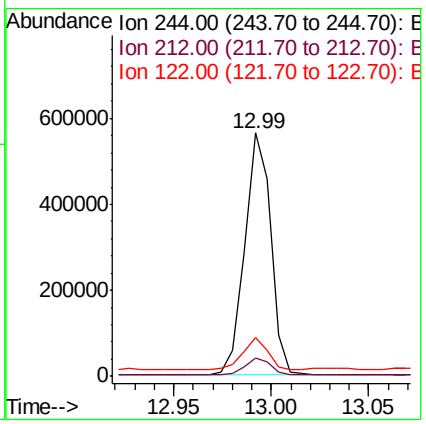




#79
Terphenyl-d14
Concen: 56.856 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

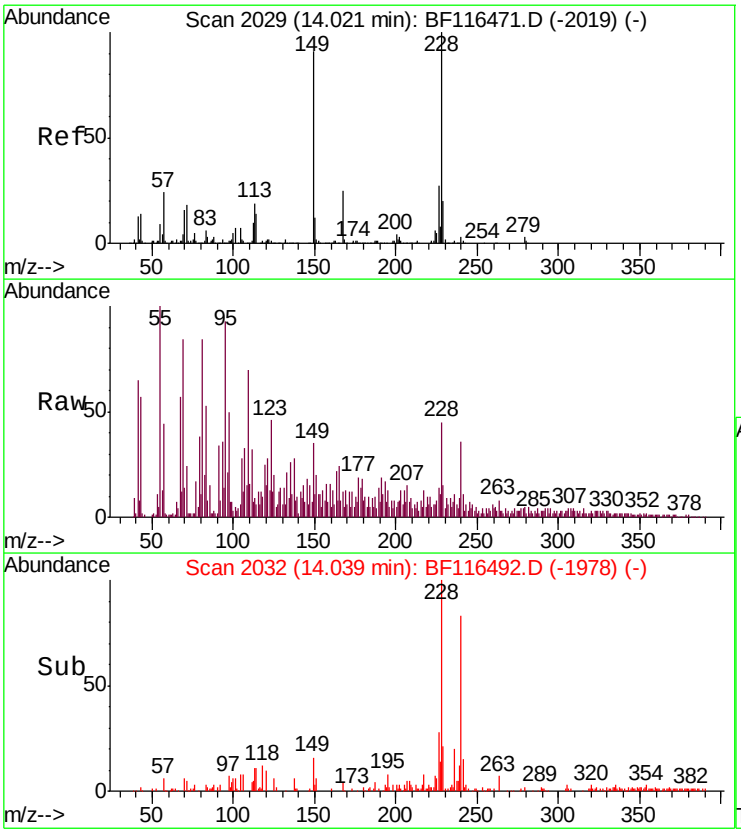
Tgt Ion:244 Resp: 516098

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	15.8	10.2	15.4#



Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

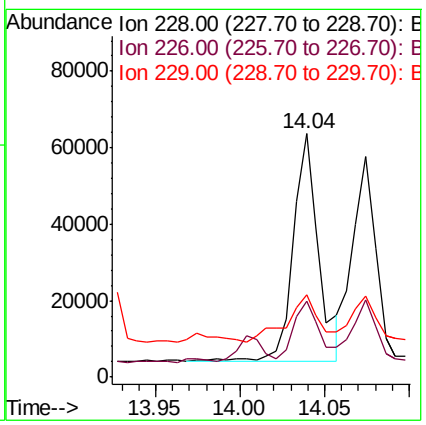
Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

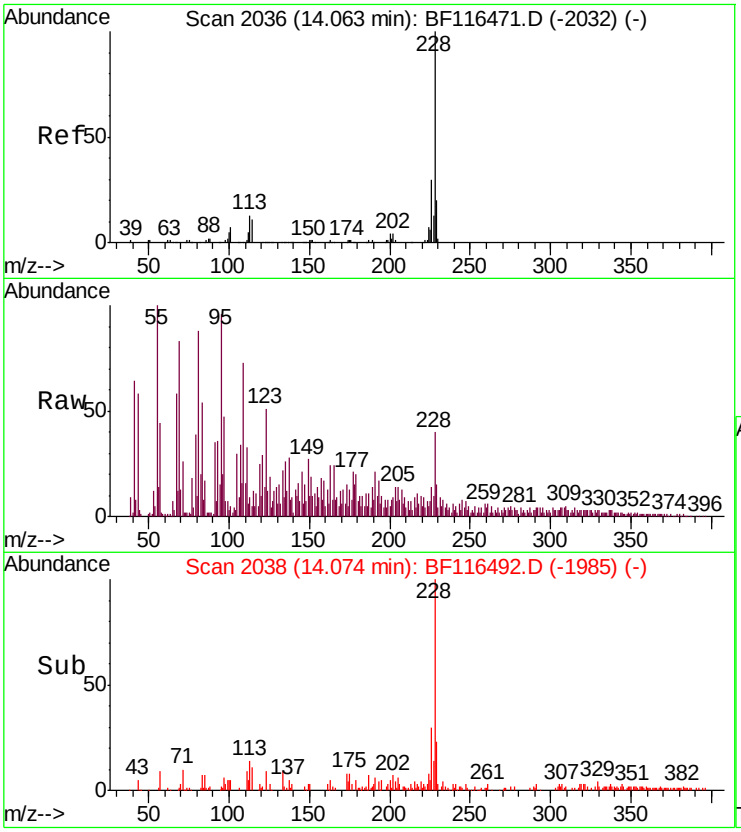


#81
Benzo(a)anthracene
Concen: 5.672 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.02 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

Tgt Ion:228 Resp: 62292

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.8	32.6
229	34.0	15.9	23.9#





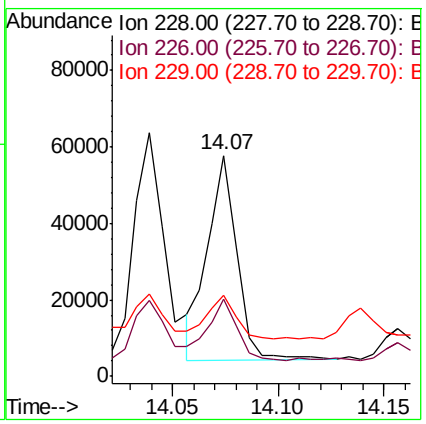
#83
Chrysene
Concen: 4.704 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

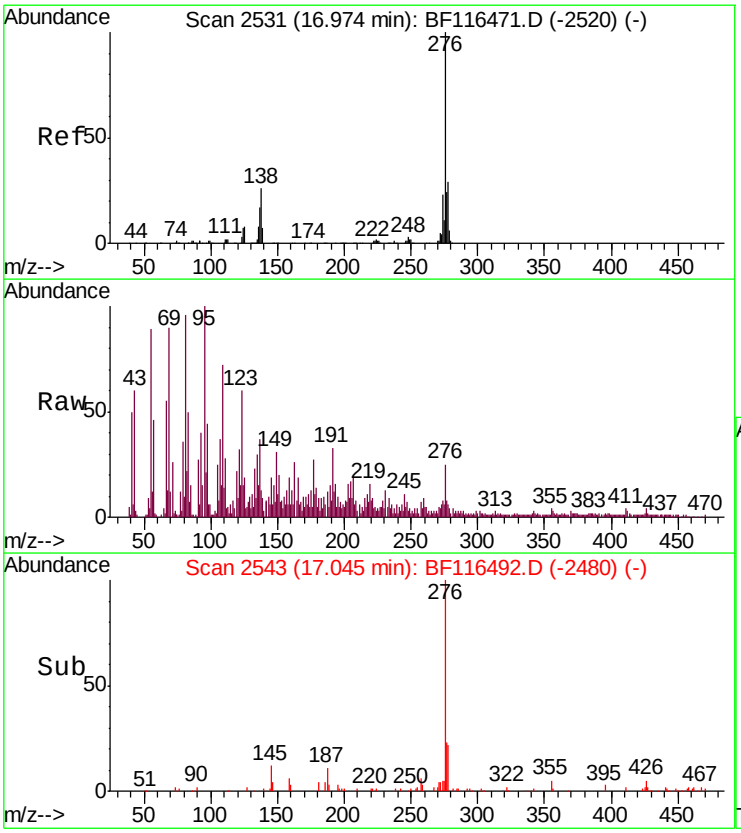
Tgt Ion:228 Resp: 52355

Ion	Ratio	Lower	Upper
228	100		
226	34.8	24.2	36.2
229	36.9	15.8	23.6#

Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

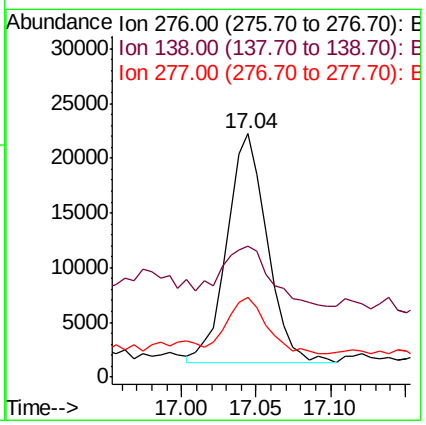


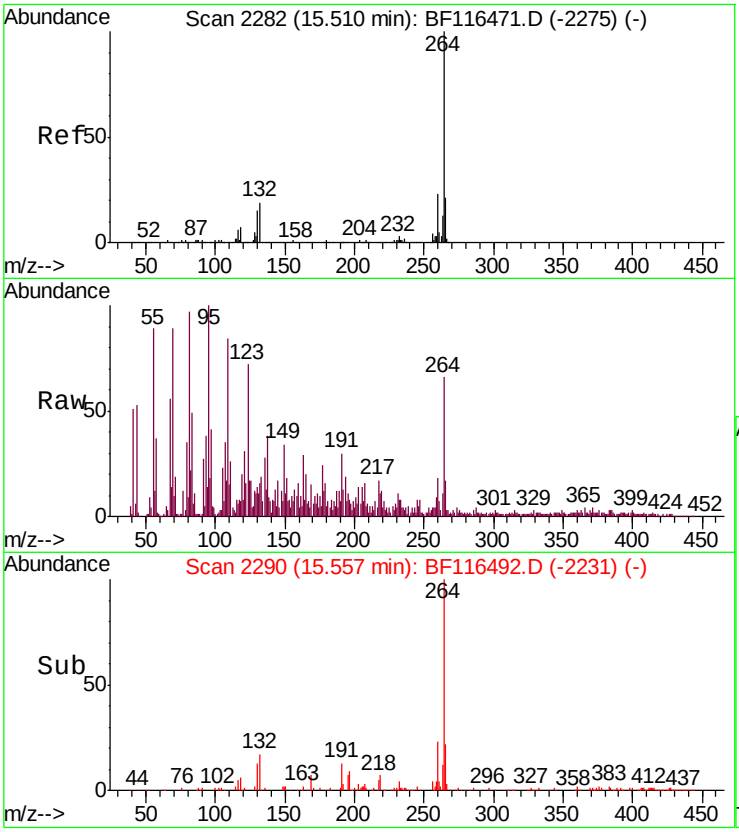


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.109 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.07 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

Tgt Ion:276 Resp: 39178

Ion	Ratio	Lower	Upper
276	100		
138	33.7	22.9	34.3
277	23.8	19.9	29.9





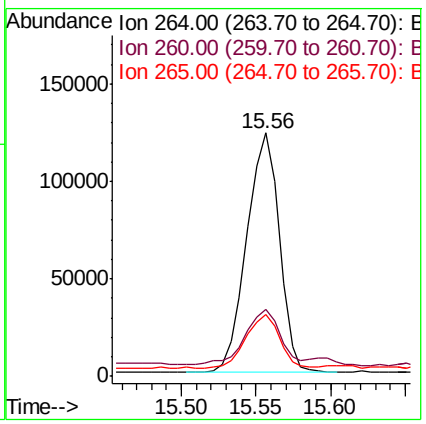
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.05 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

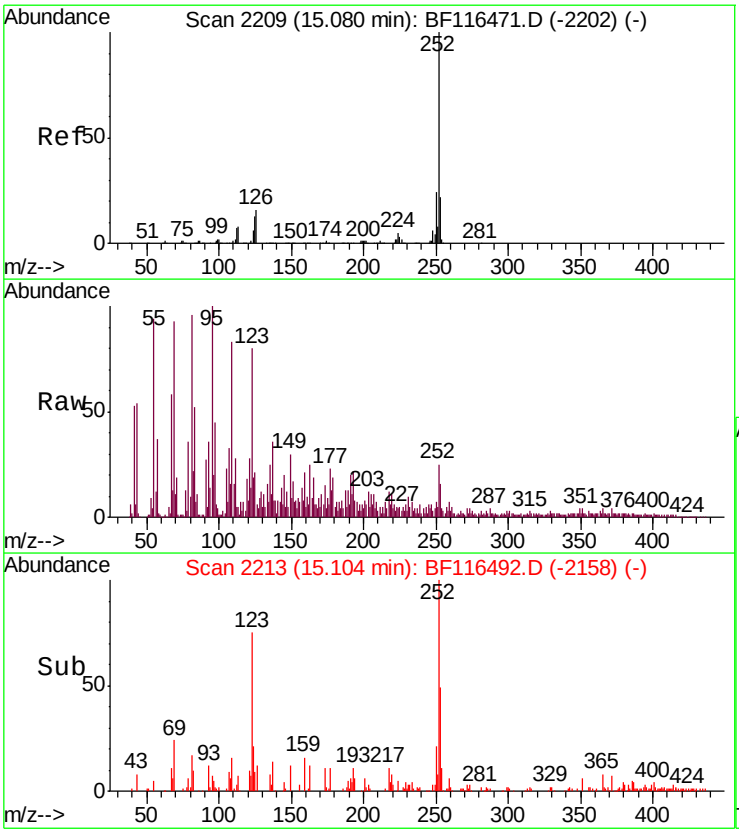
Tgt Ion:264 Resp: 186081

Ion	Ratio	Lower	Upper
264	100		
260	27.5	18.8	28.2
265	25.5	17.1	25.7

Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

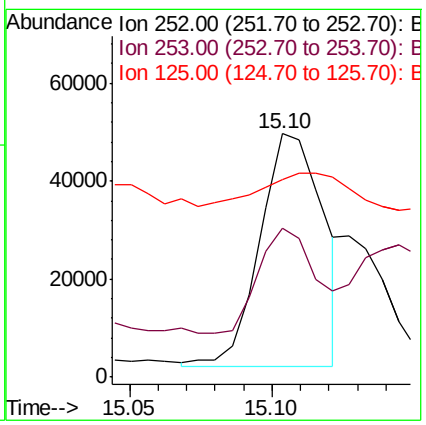


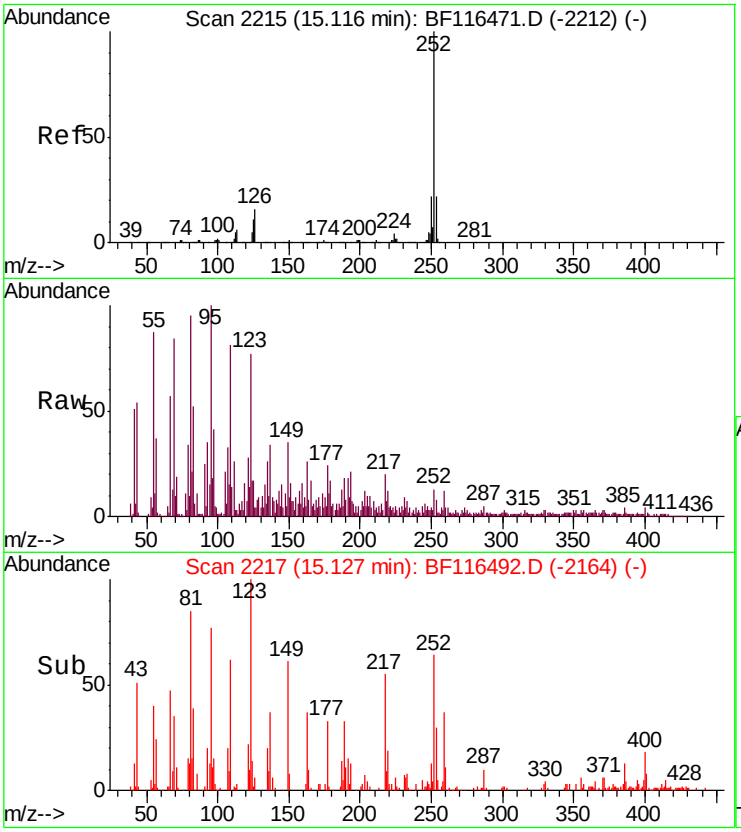


#88
Benzo(b)fluoranthene
Concen: 6.445 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

Tgt Ion:252 Resp: 74090

Ion	Ratio	Lower	Upper
252	100		
253	61.4	17.5	26.3#
125	81.3	10.1	15.1#





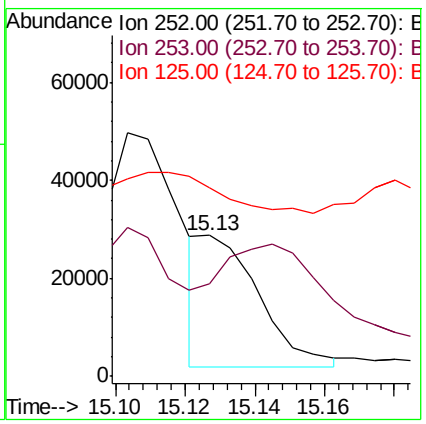
#89
Benzo(k)fluoranthene
Concen: 2.918 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

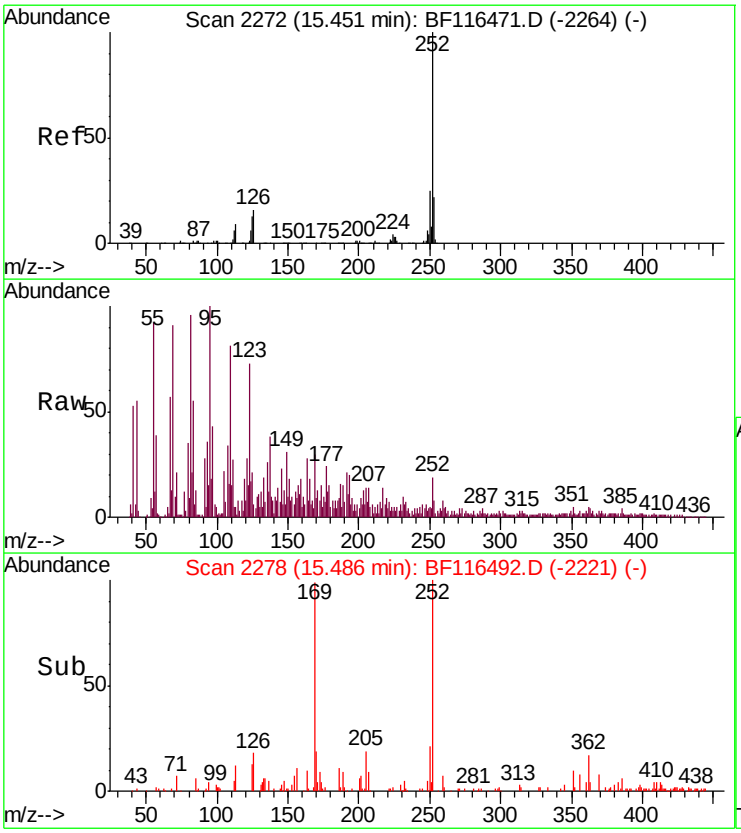
Tgt Ion:252 Resp: 30388

Ion	Ratio	Lower	Upper
252	100		
253	65.7	17.4	26.2#
125	133.6	9.1	13.7#

Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM

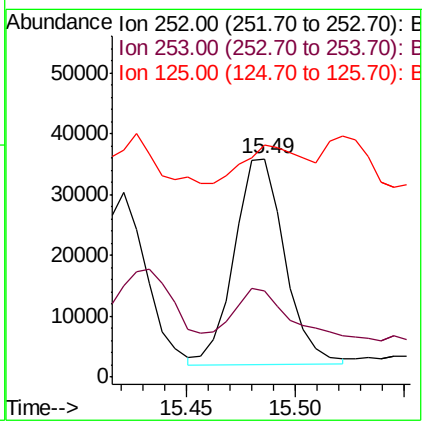


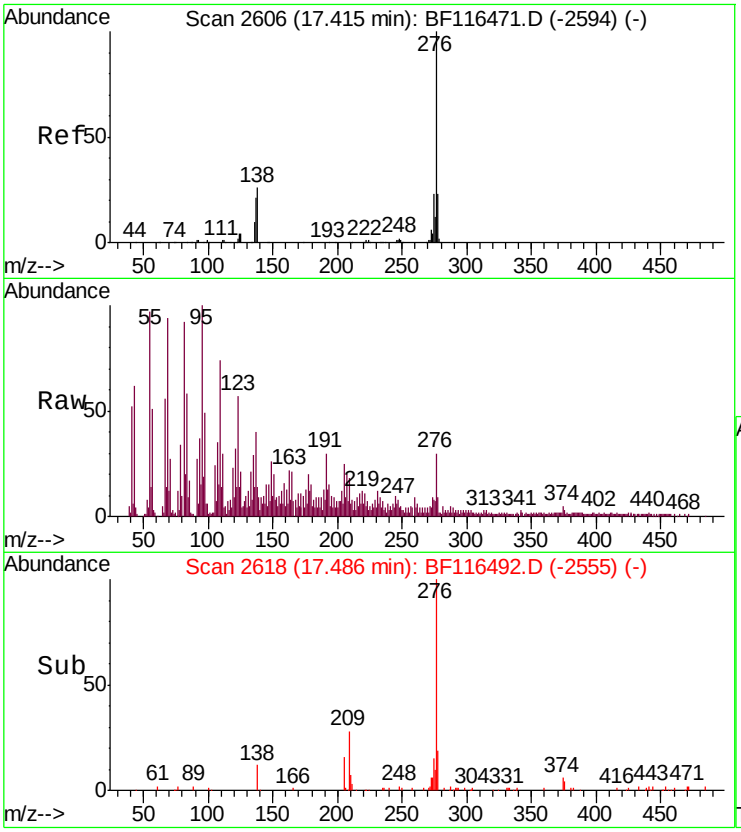


#90
Benzo(a)pyrene
Concen: 5.373 ng m
RT: 15.49 min Scan# 2278
Delta R.T. 0.04 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

Tgt Ion:252 Resp: 54583

Ion	Ratio	Lower	Upper
252	100		
253	39.3	17.2	25.8#
125	106.6	10.2	15.4#

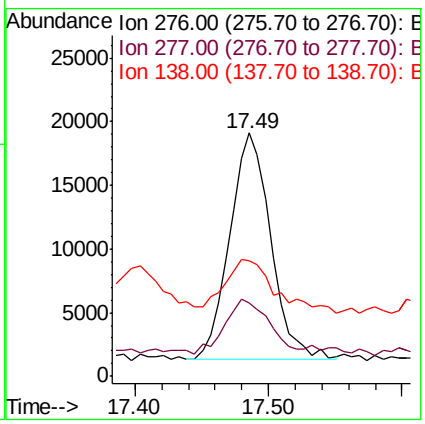




#92
Benzo(g,h,i)perylene
Concen: 4.729 ng
RT: 17.49 min Scan# 2618
Delta R.T. 0.07 min
Lab File: BF116492.D
Acq: 23 Aug 2019 22:06

Tgt Ion:276 Resp: 37640

Ion	Ratio	Lower	Upper
276	100		
277	30.0	18.7	28.1#
138	47.7	20.8	31.2#



Instrument :
BNA_F
ClientSampleId :
T8-B-(0-2)

Manual Integrations APPROVED
Jagrut
8/28/2019 8:11:02 AM