Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTY-SB-0102-0-80

Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

Quant Time: Jan 30 23:02:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	262831	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	968405	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	514174	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	899367	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	632406	20.00	ng		-0.02
87) Perylene-d12	15.46	264	767648	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1541912	108.96	ng		-0.02
7) Phenol-d6	6.47	99	1908993	103.79	ng		-0.02
23) Nitrobenzene-d5	7.40	82	1225607	70.79	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	657135	110.50	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	2248694	71.88	ng		-0.02
79) Terphenyl-d14	12.95	244	2407818	83.04	ng		-0.01
Target Compounds							Qvalue
50) Dimethylphthalate	9.59	163	118330	3.532	ng		100
71) Phenanthrene	11.39	178	361347	8.328	ng		97
72) Anthracene	11.43	178	99978	2.329	ng		97
75) Fluoranthene	12.57	202	399295	8.725	ng		95
78) Pyrene	12.80	202	344530	8.024	ng		97
81) Benzo(a)anthracene	13.99	228	151789	3.990	ng		100
83) Chrysene	14.03	228	131106	3.596	ng		96
86) Indeno(1,2,3-cd)pyrene	16.90	276	92079	2.907	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	175091m	3.629	ng		
90) Benzo(a)pyrene	15.39	252	131514	3.160	ng		98
92) Benzo(g,h,i)perylene	17.34	276	83237	2.328	ng		98

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

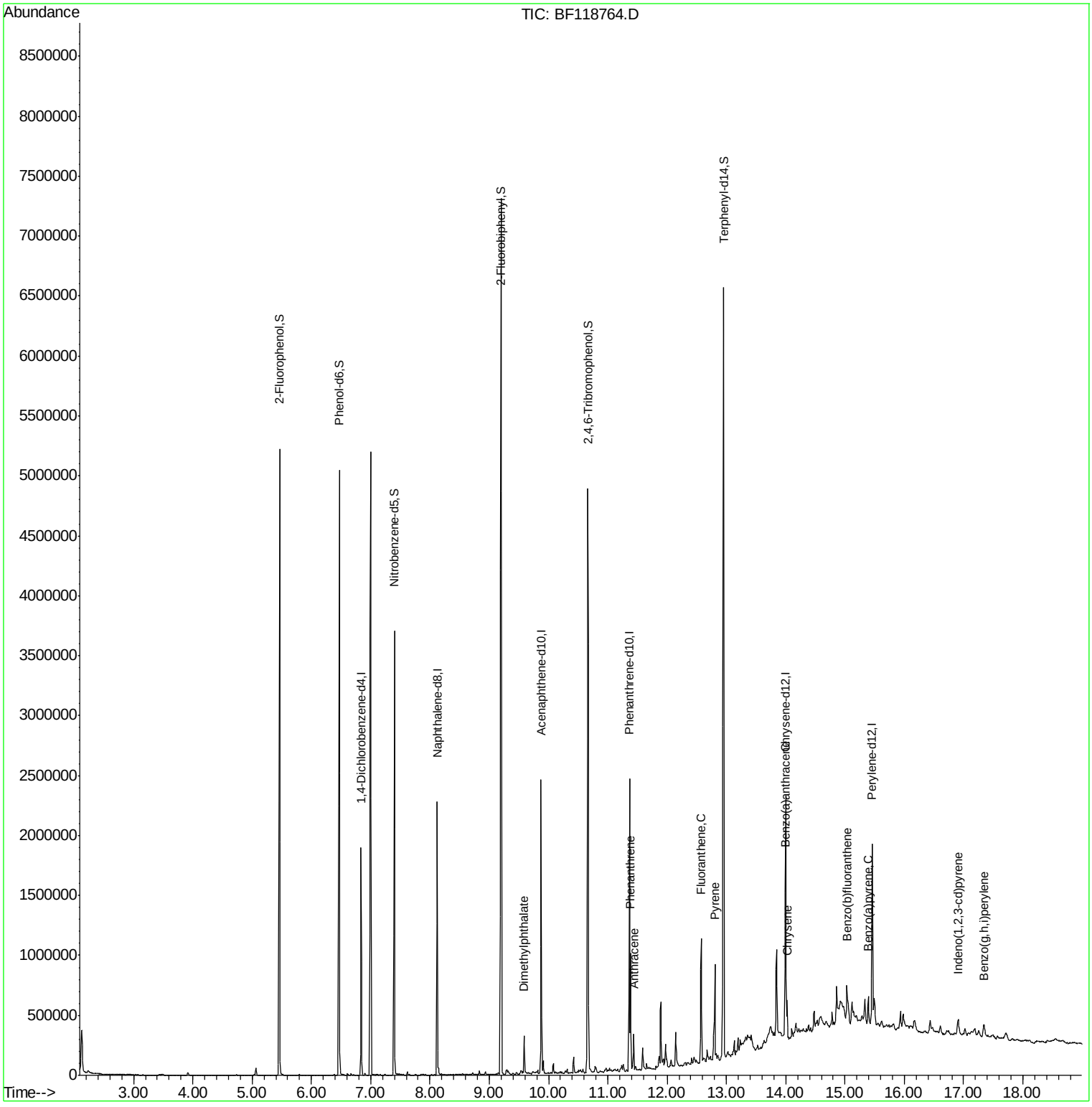
Quantitation Report (LSC Reviewed)

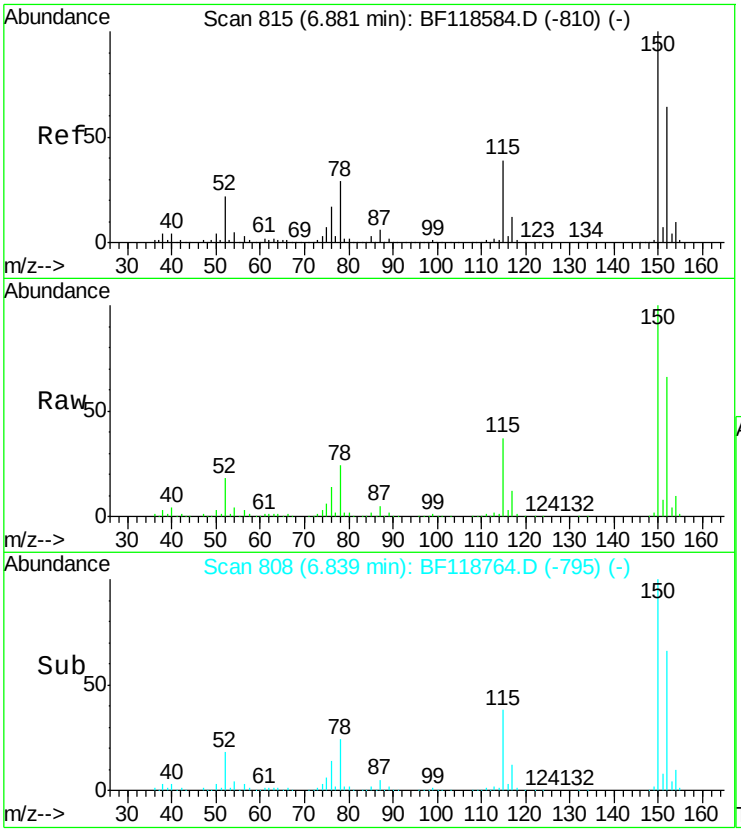
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118764.D
Acq On : 30 Jan 2020 21:09
Operator : CG/JU
Sample : L1310-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 30 23:02:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

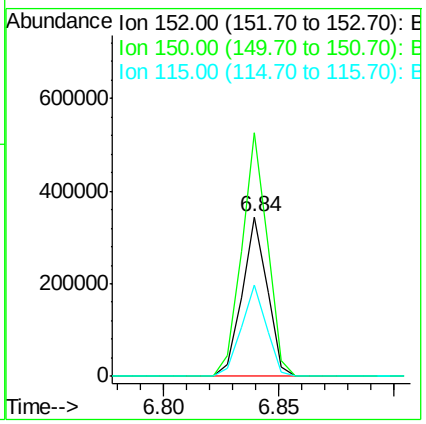




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

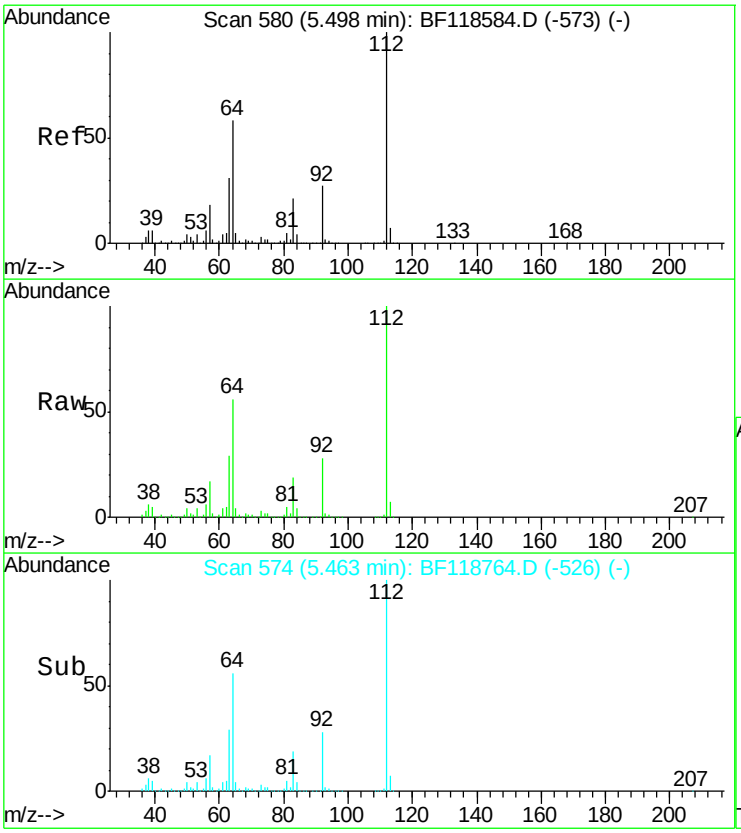
Tgt Ion:152 Resp: 262831

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.7	185.5
115	57.2	45.1	67.7



Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

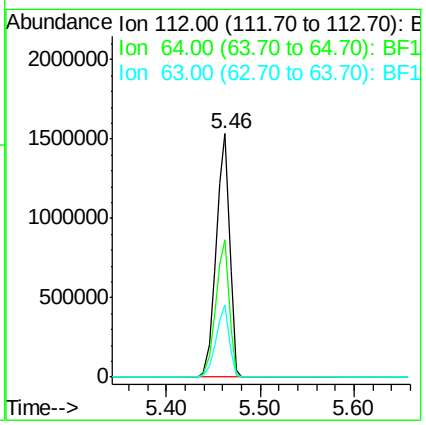
Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

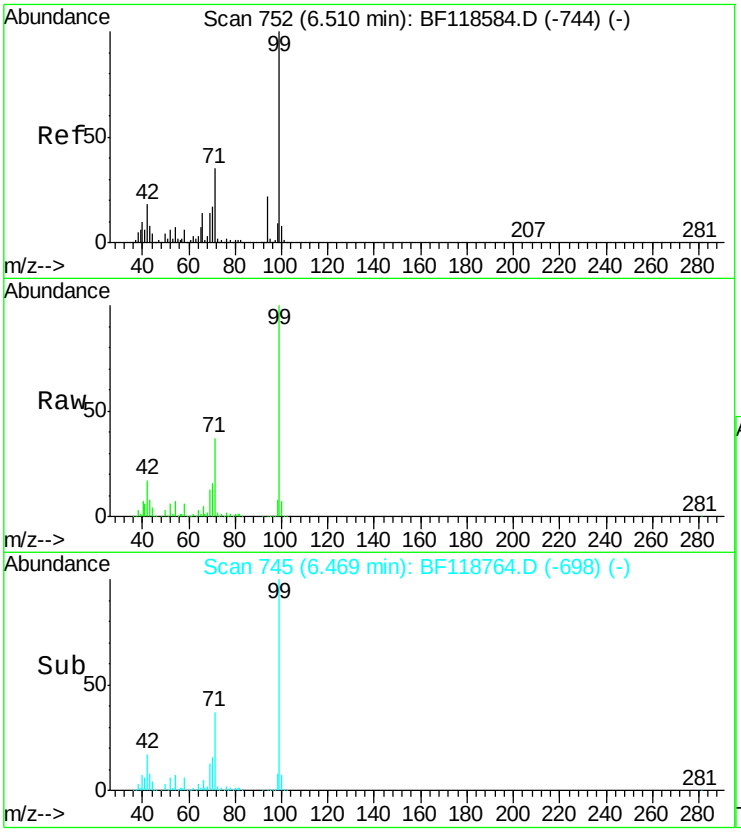


#5
2-Fluorophenol
Concen: 108.957 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

Tgt Ion:112 Resp: 1541912

Ion	Ratio	Lower	Upper
112	100		
64	56.2	42.4	63.6
63	29.4	21.7	32.5

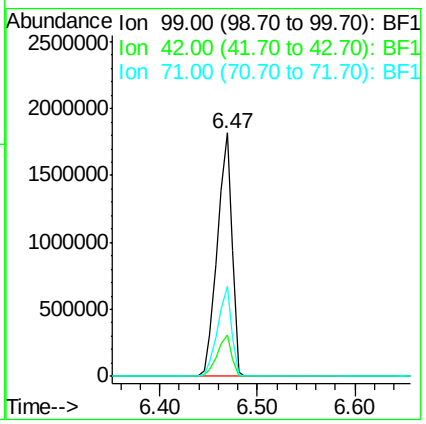




#7
Phenol-d6
Concen: 103.787 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

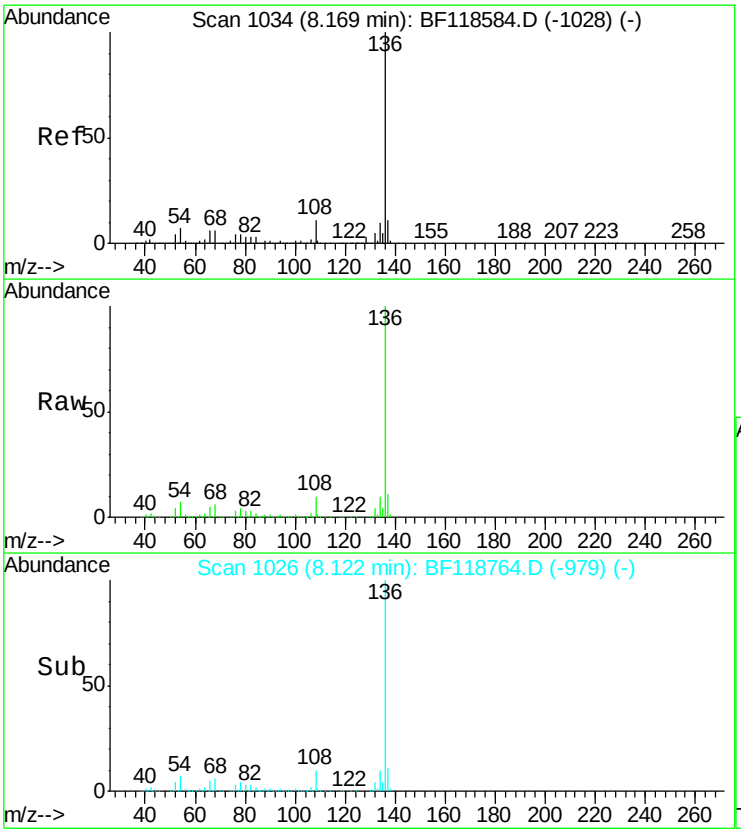
Tgt Ion: 99 Resp: 1908993

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	37.0	28.4	42.6



Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

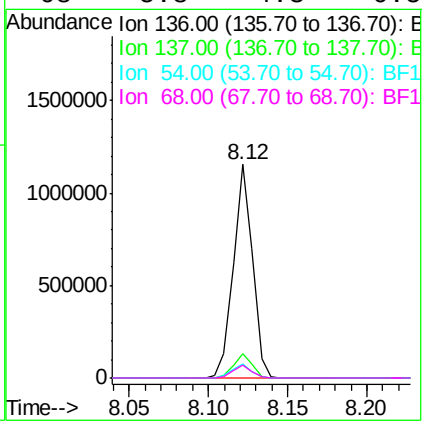
Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

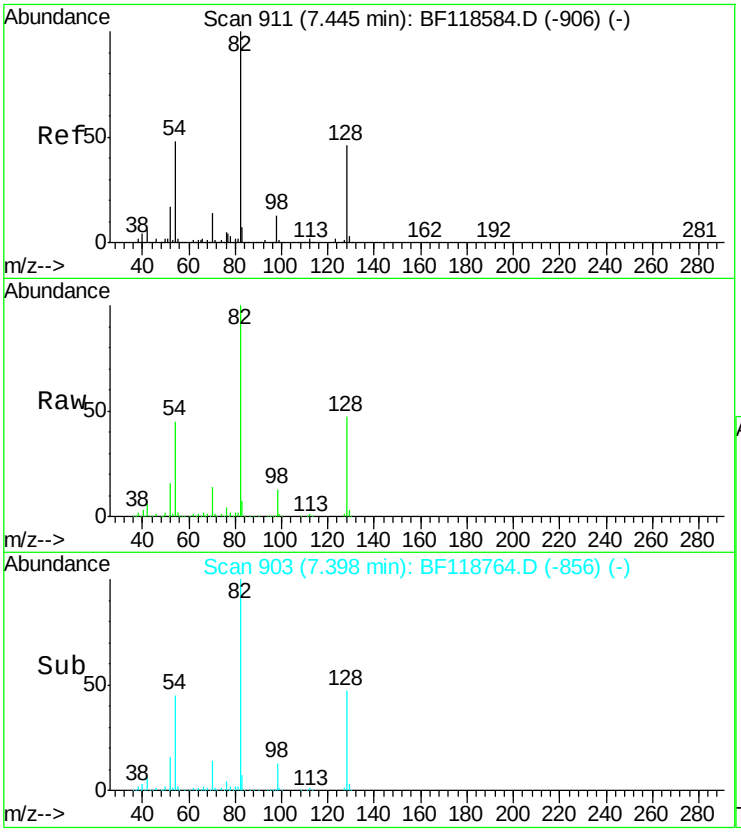


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

Tgt Ion:136 Resp: 968405

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.7	5.1	7.7
68	5.8	4.3	6.5

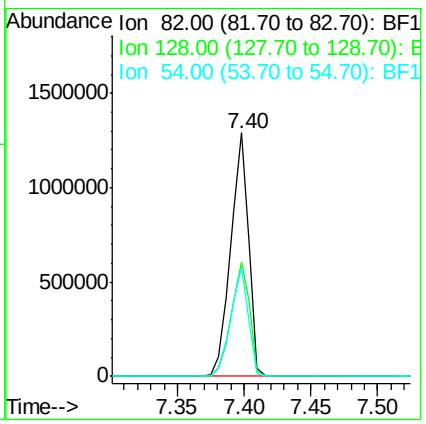




#23
Nitrobenzene-d5
Concen: 70.790 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

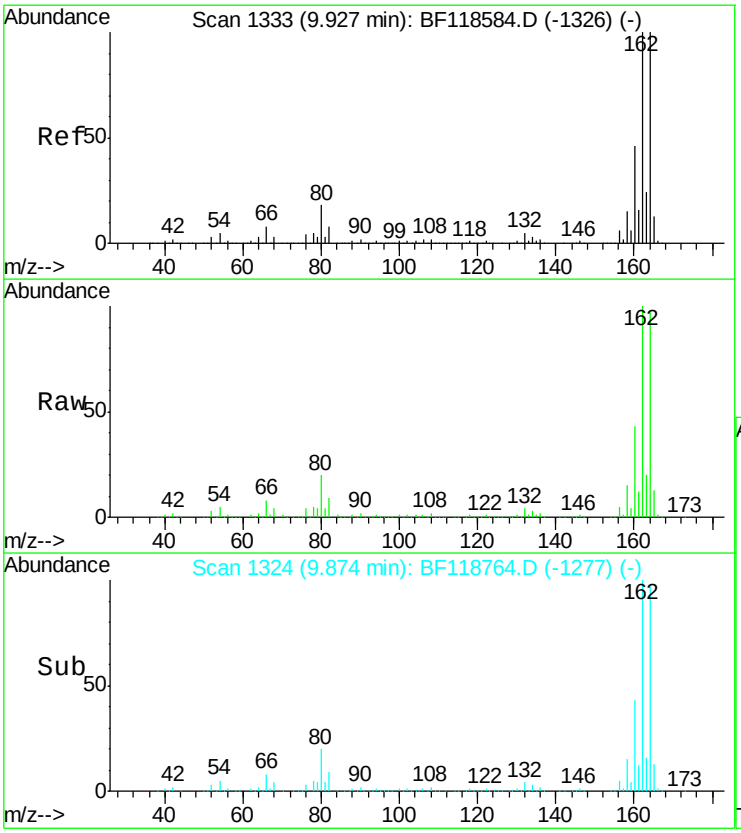
Tgt Ion: 82 Resp: 1225607

Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.2	57.2
54	44.8	36.1	54.1



Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

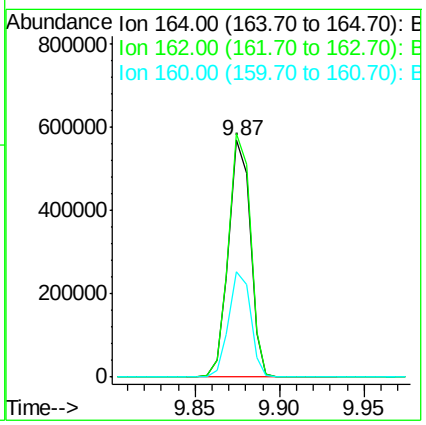
Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

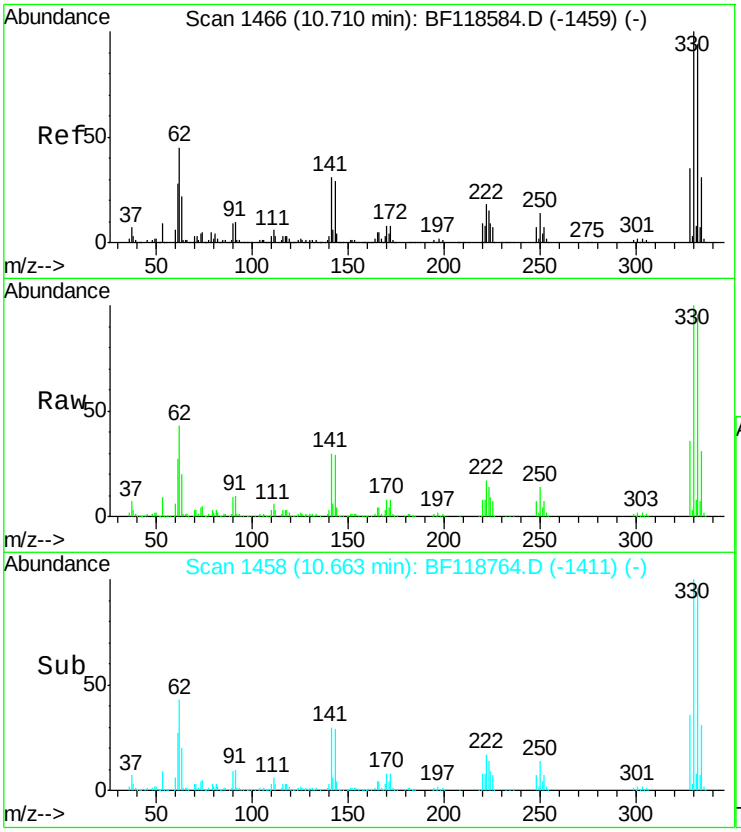


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

Tgt Ion:164 Resp: 514174

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.8	121.2
160	44.4	35.4	53.0





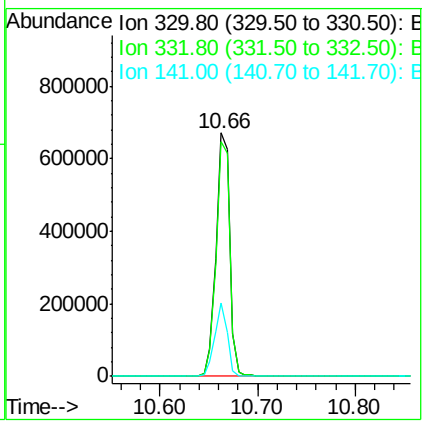
#42
2,4,6-Tribromophenol
Concen: 110.497 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

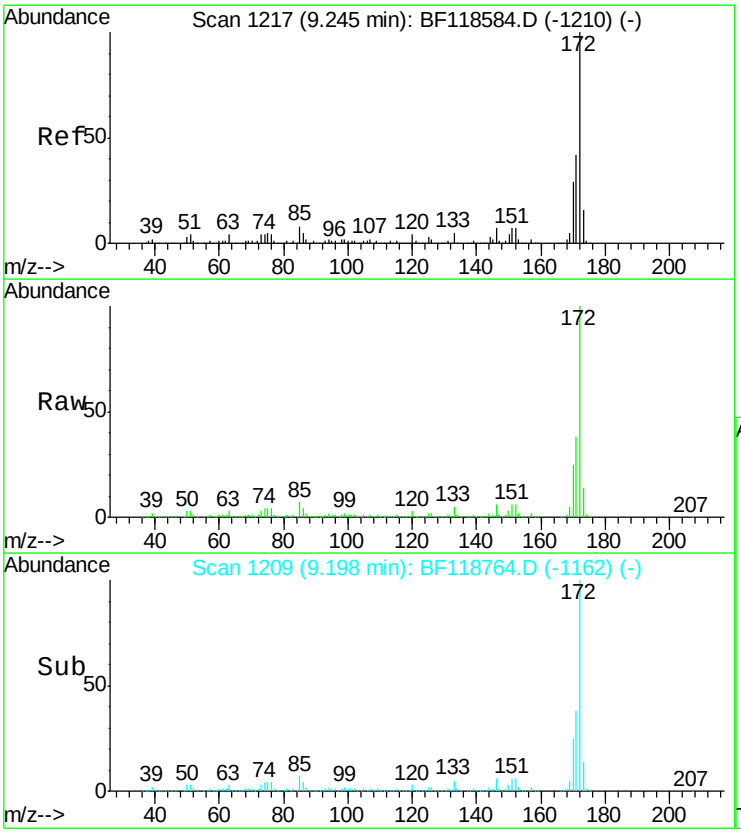
Tgt Ion:330 Resp: 657135

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.6	116.4
141	27.8	22.2	33.2

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

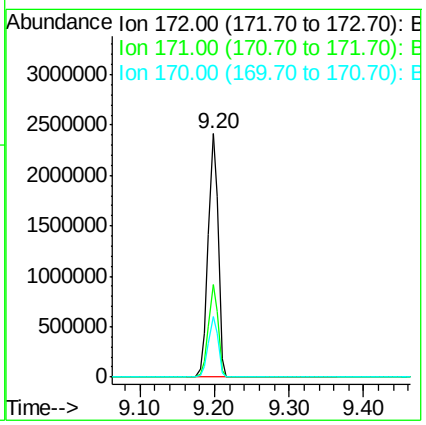


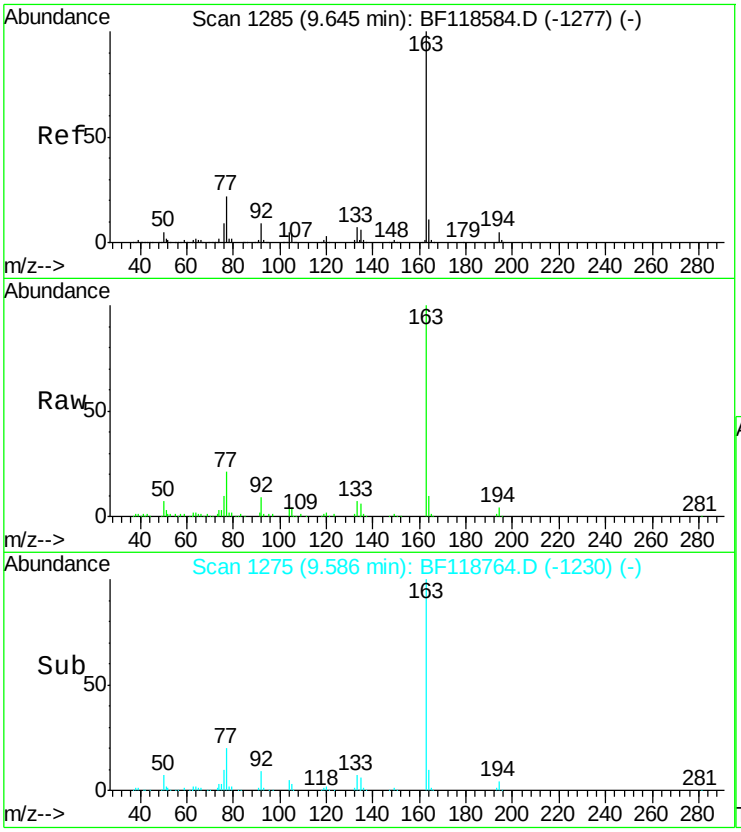


#45
2-Fluorobiphenyl
Concen: 71.882 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

Tgt Ion:172 Resp: 2248694

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.0	20.7	31.1

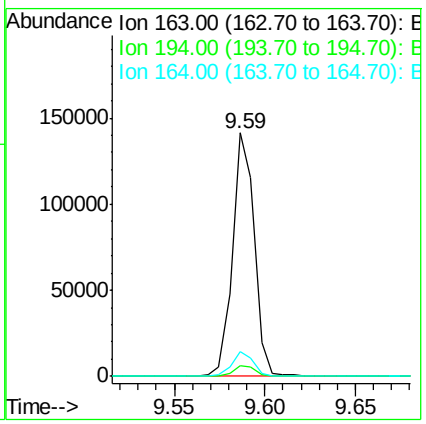




#50
Dimethylphthalate
Concen: 3.532 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.04 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

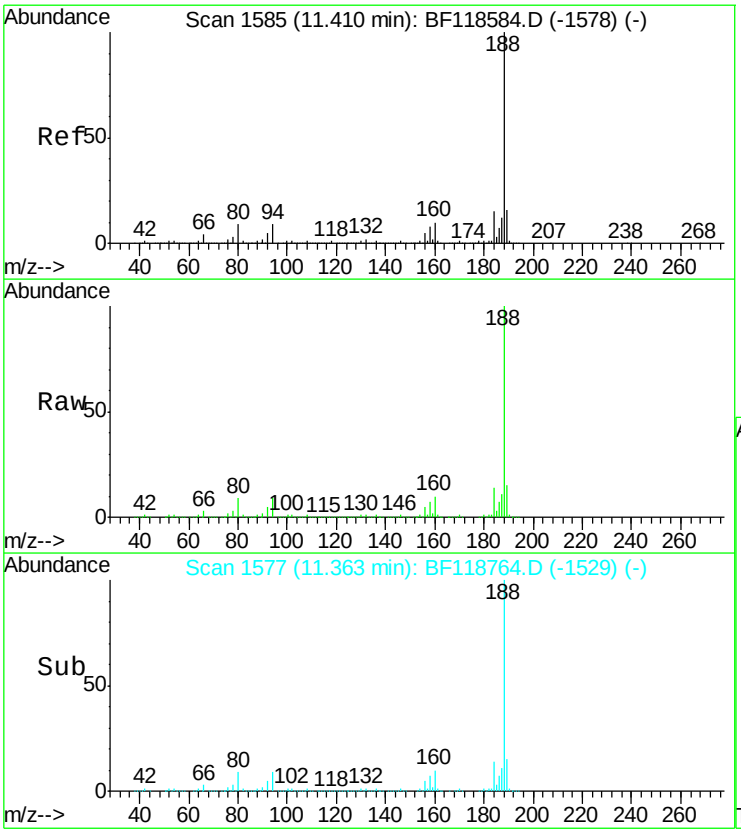
Tgt Ion:163 Resp: 118330

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	10.1	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

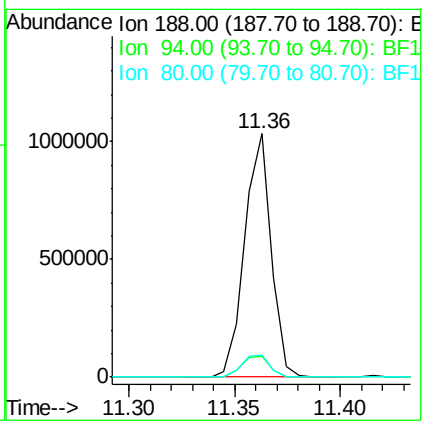
Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

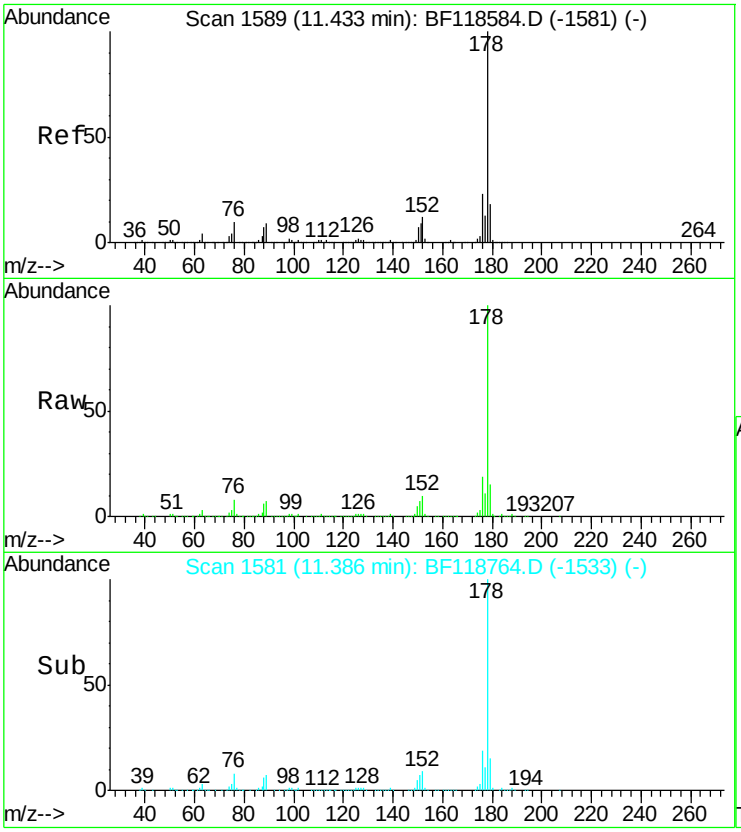


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

Tgt Ion:188 Resp: 899367

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.1	7.8	11.8

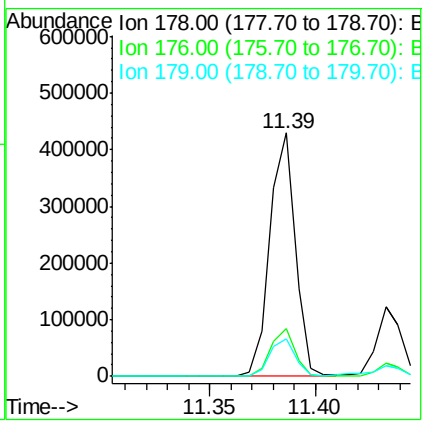




#71
Phenanthrene
Concen: 8.328 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

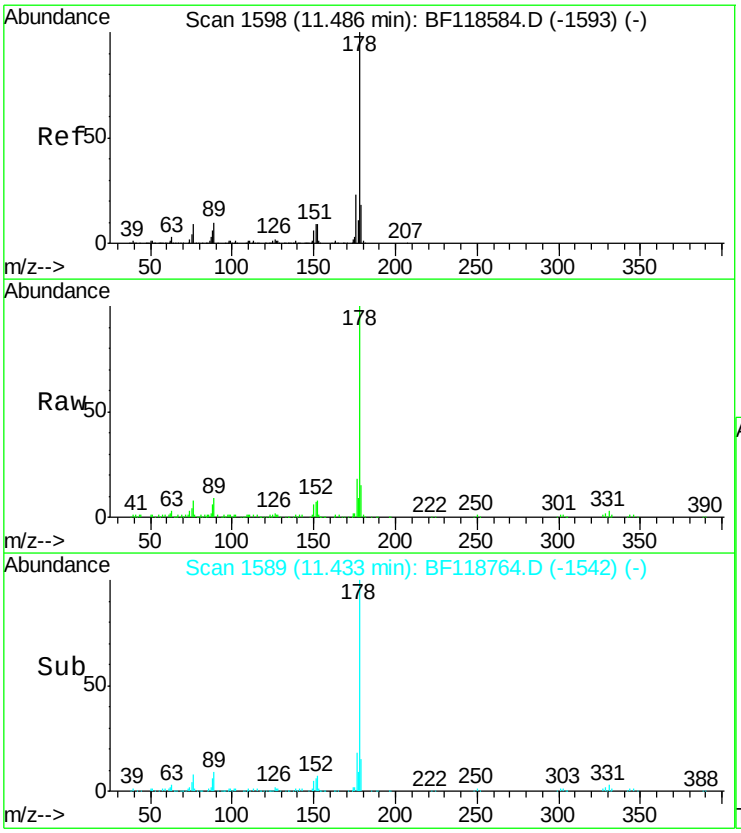
Tgt Ion:178 Resp: 361347

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.5	24.7
179	15.4	13.3	19.9



Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

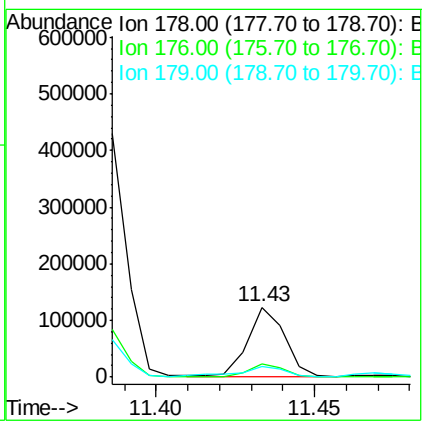
Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

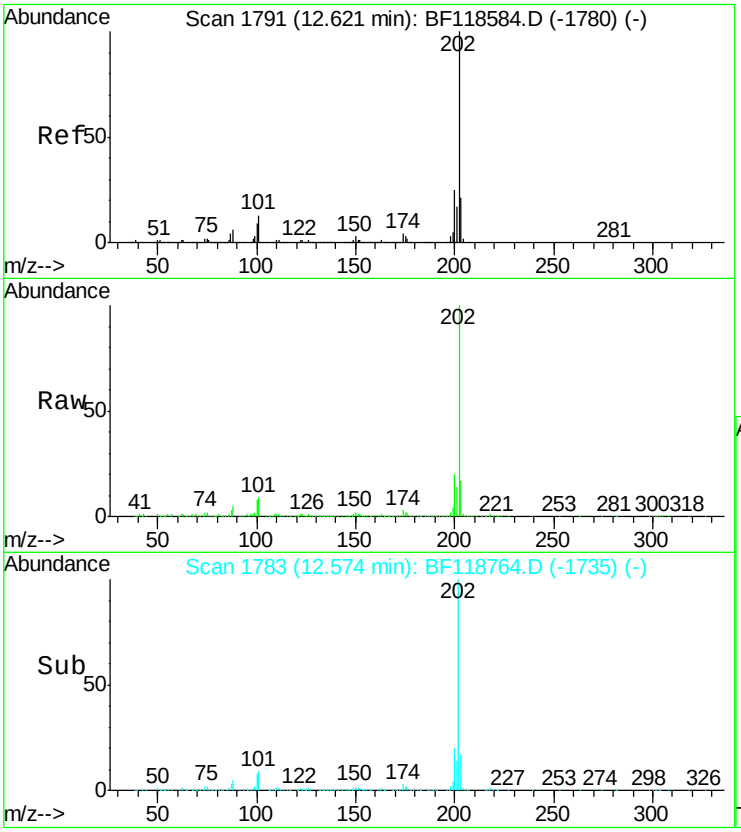


#72
Anthracene
Concen: 2.329 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

Tgt Ion:178 Resp: 99978

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	14.9	13.3	19.9

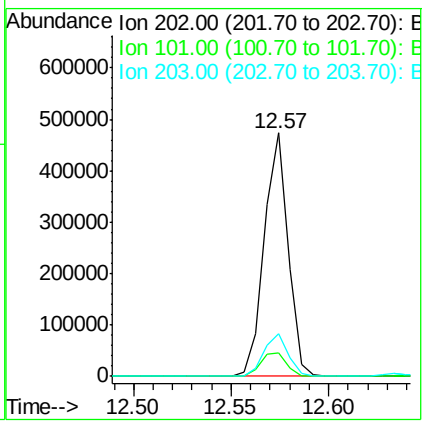




#75
Fluoranthene
Concen: 8.725 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

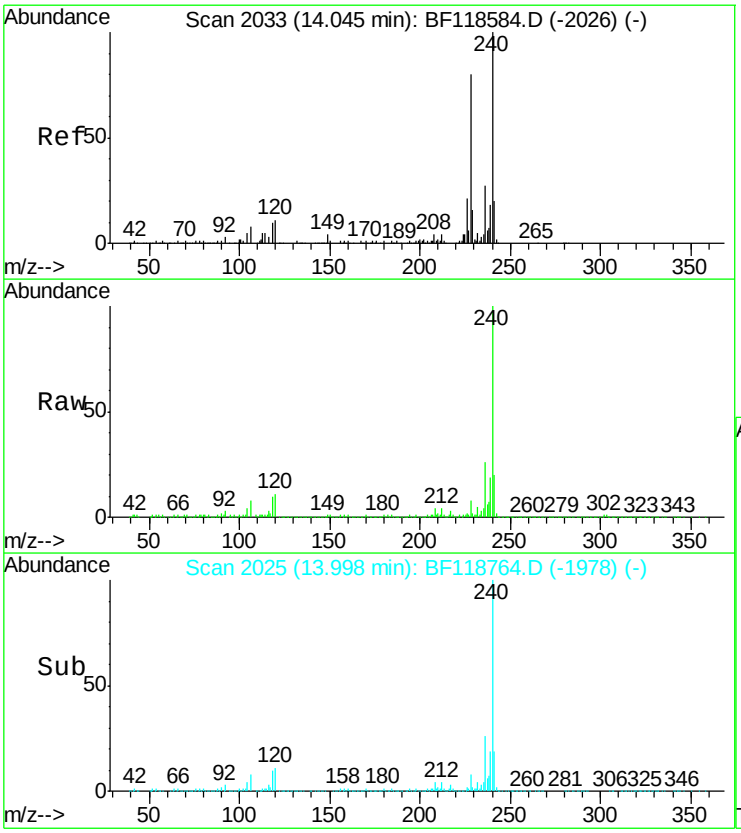
Tgt Ion:202 Resp: 399295

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	32.1
203	17.4	0.0	38.9



Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

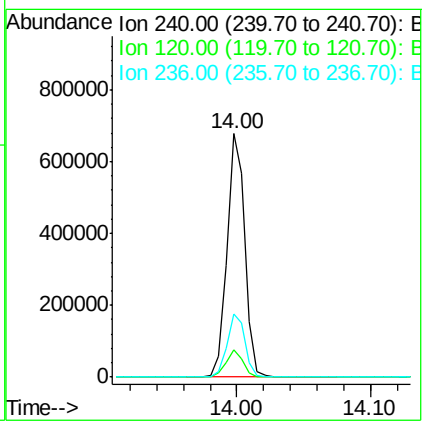
Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

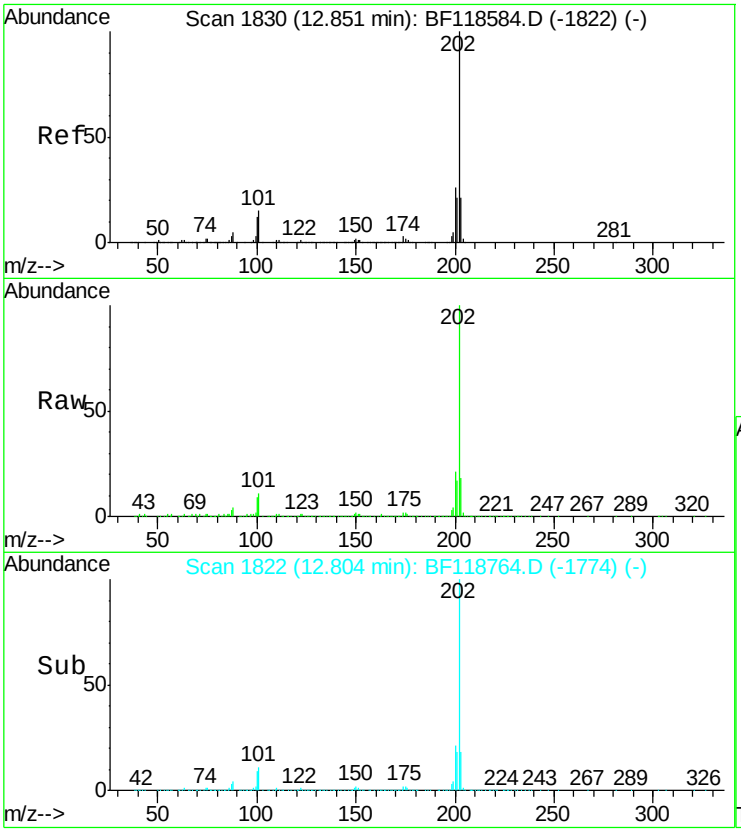


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

Tgt Ion:240 Resp: 632406

Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.6	11.4
236	26.0	21.0	31.4

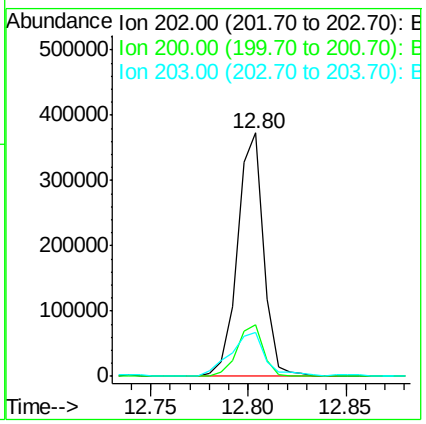




#78
Pyrene
Concen: 8.024 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

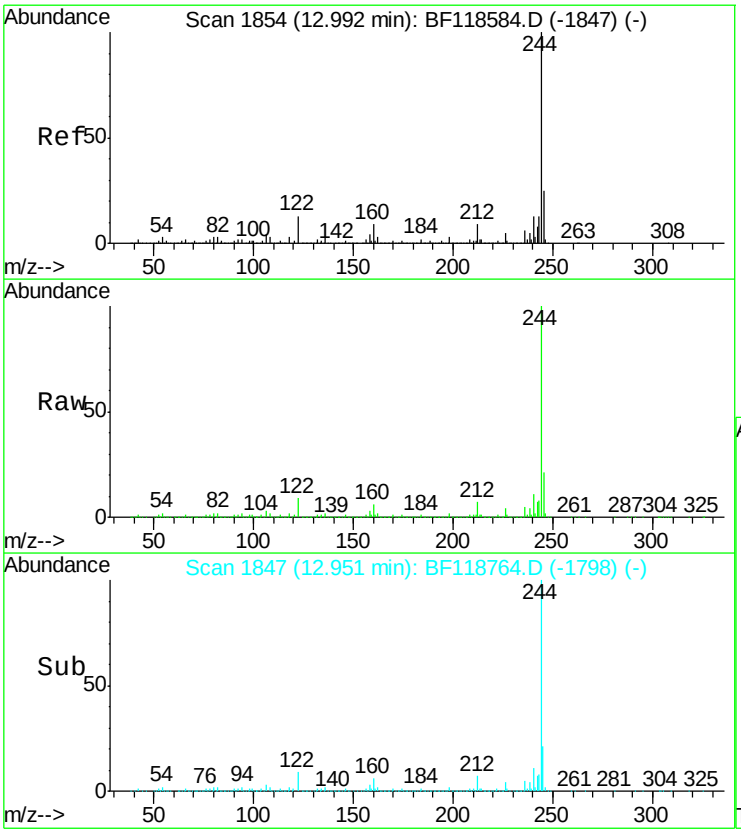
Tgt Ion:202 Resp: 344530

Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.1	27.1
203	17.8	15.2	22.8



Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

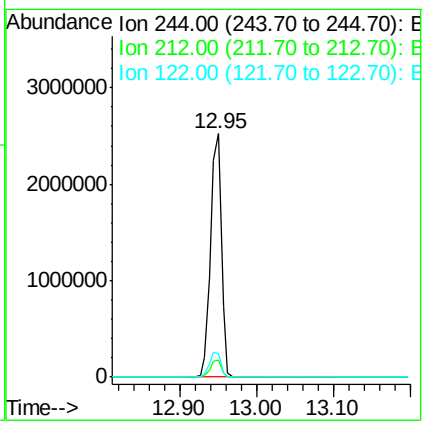
Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

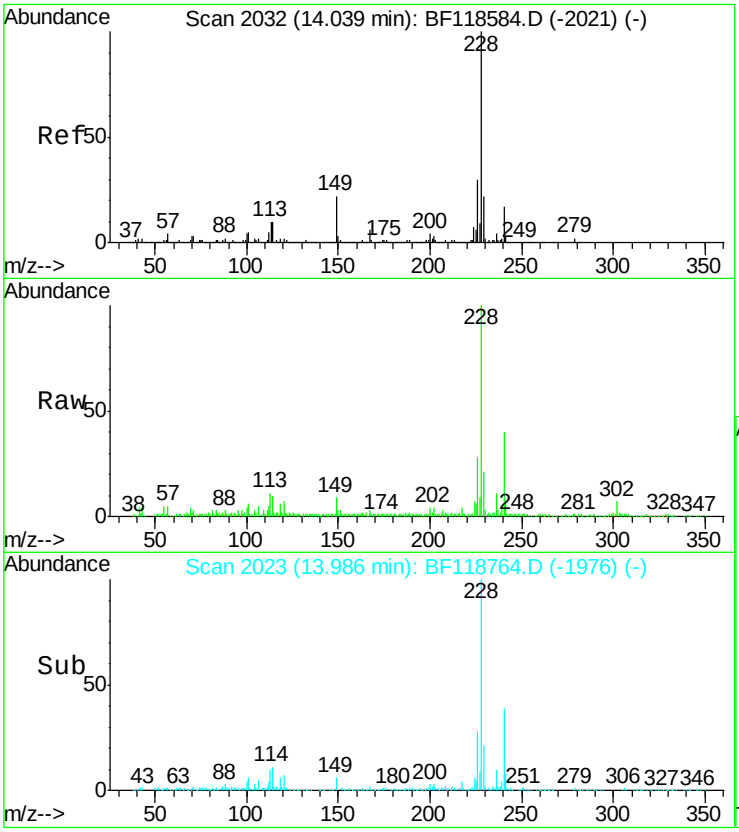


#79
Terphenyl-d14
Concen: 83.043 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

Tgt Ion:244 Resp: 2407818

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.3	9.5
122	9.4	9.2	13.8

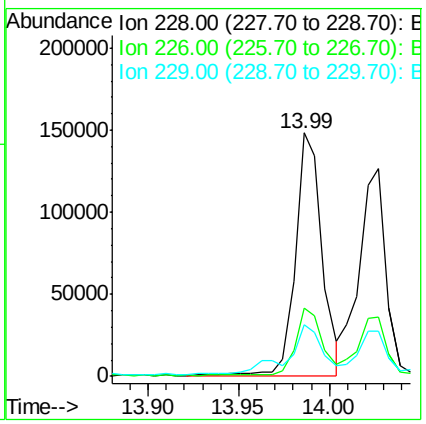




#81
Benzo(a)anthracene
Concen: 3.990 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

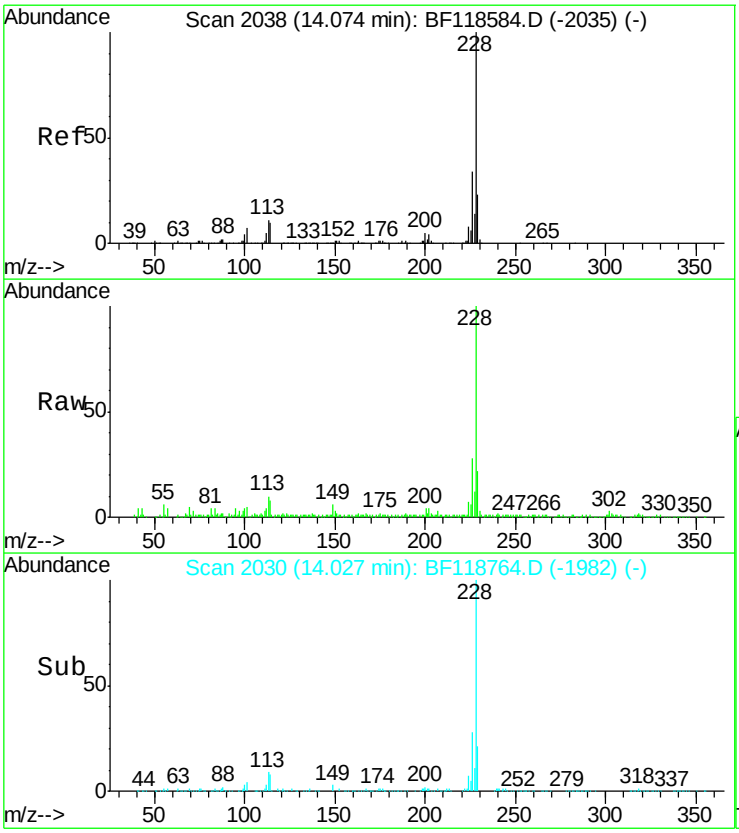
Tgt Ion:228 Resp: 151789

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	34.0
229	21.3	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

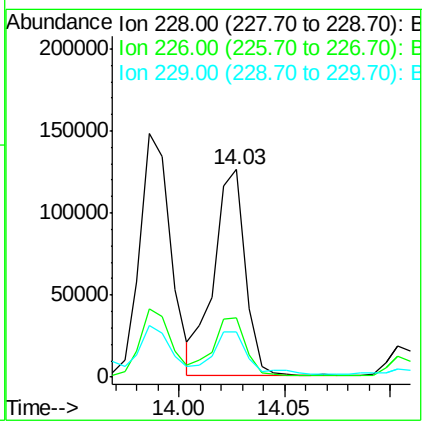
Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

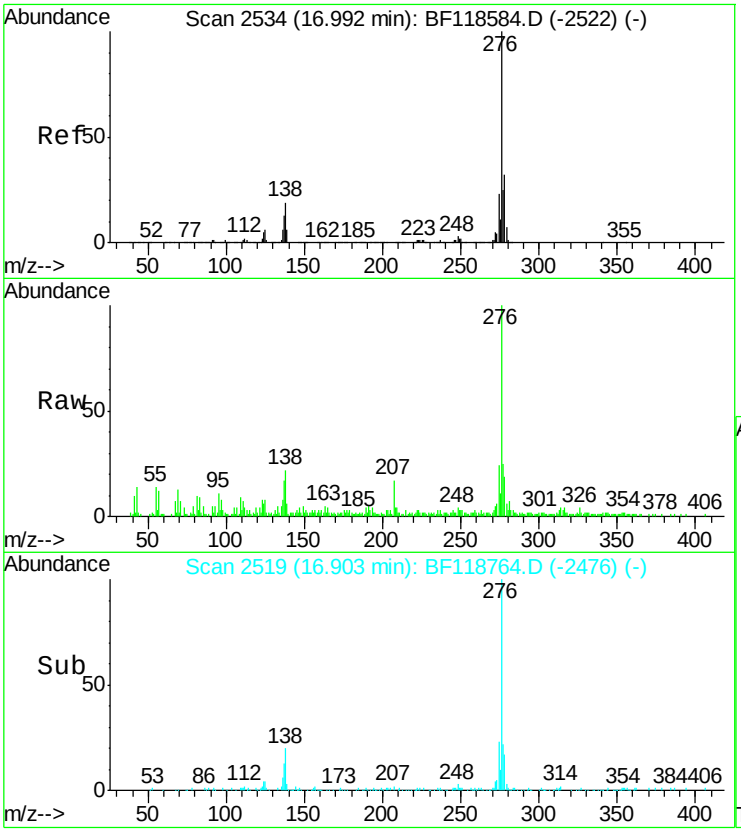


#83
Chrysene
Concen: 3.596 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

Tgt Ion:228 Resp: 131106

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.6	38.4
229	21.9	17.1	25.7





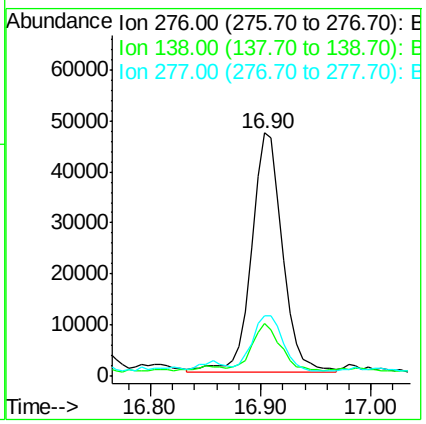
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.907 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

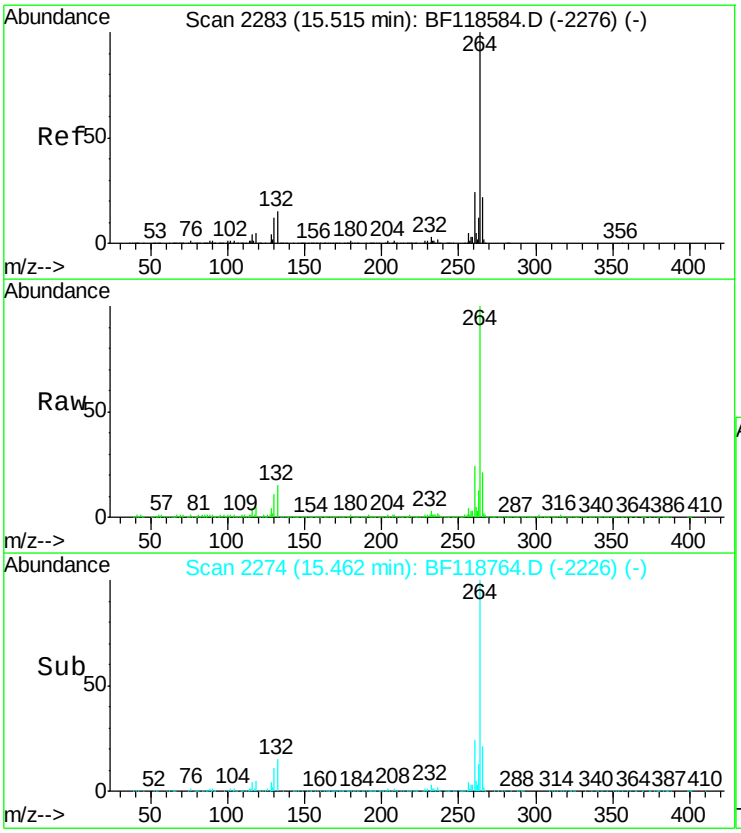
Tgt Ion:276 Resp: 92079

Ion	Ratio	Lower	Upper
276	100		
138	18.0	18.2	27.4#
277	23.2	20.4	30.6

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

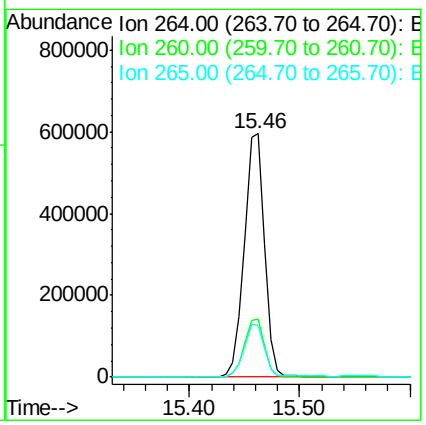


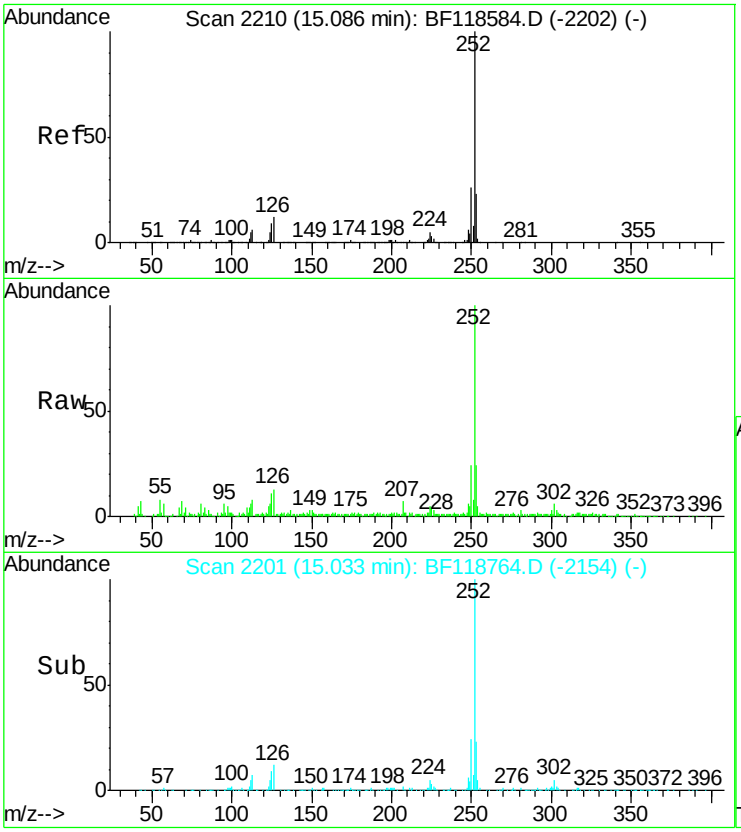


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

Tgt Ion:264 Resp: 767648

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.4	17.0	25.6

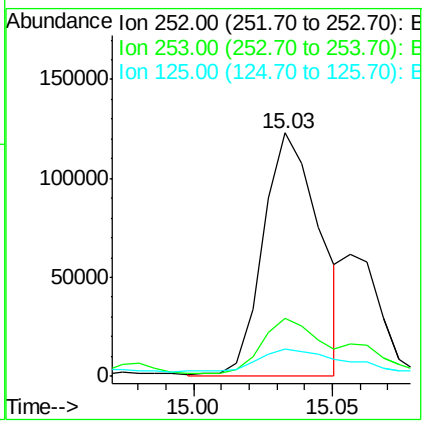




#88
Benzo(b)fluoranthene
Concen: 3.629 ng m
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

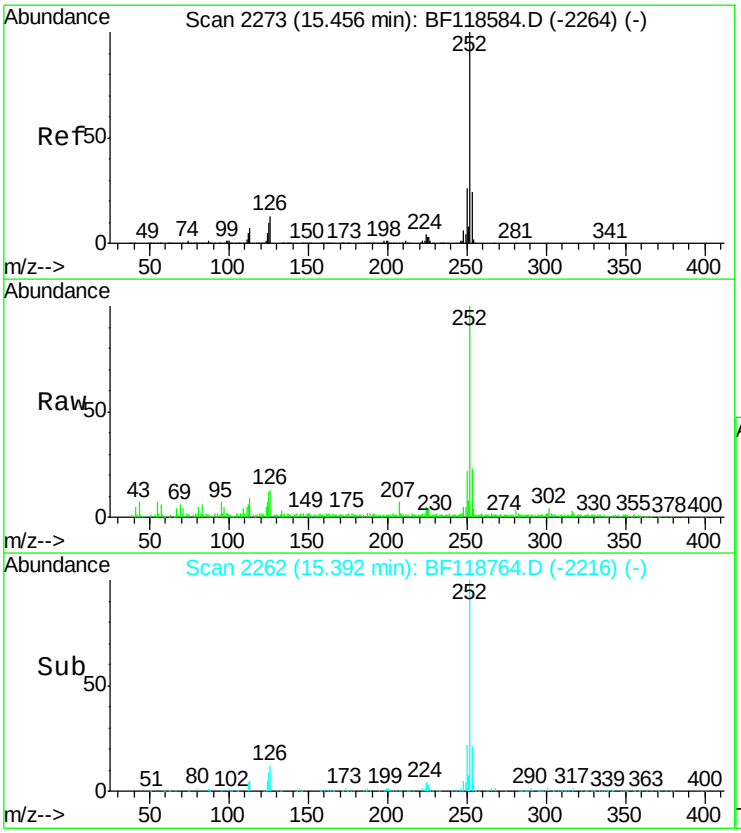
Tgt Ion:252 Resp: 175091

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	11.2	7.7	11.5



Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

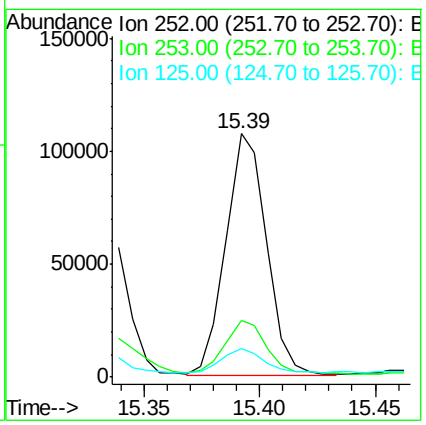
Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM

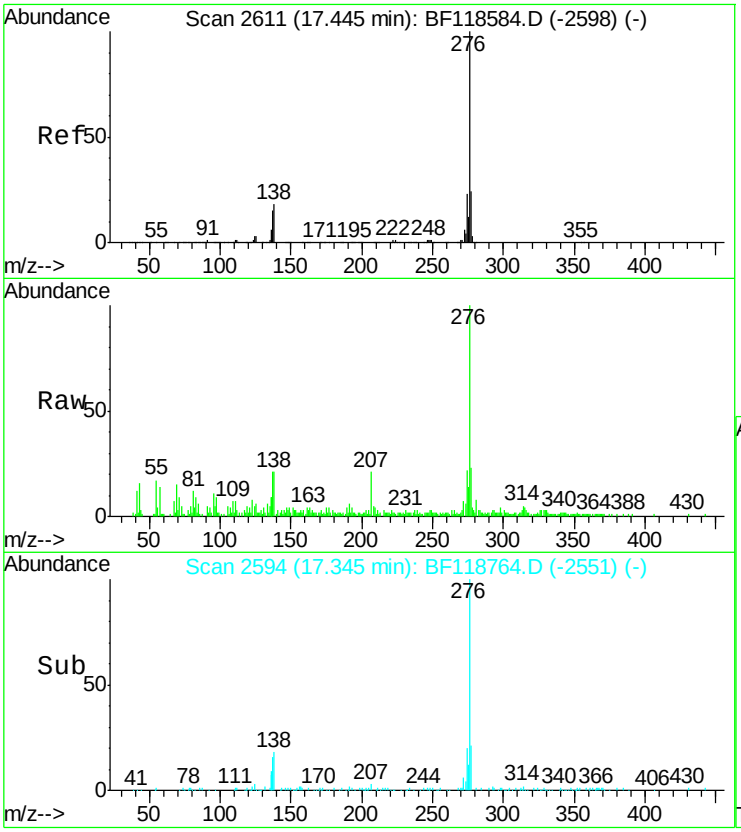


#90
Benzo(a)pyrene
Concen: 3.160 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.03 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

Tgt Ion:252 Resp: 131514

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	11.8	8.3	12.5

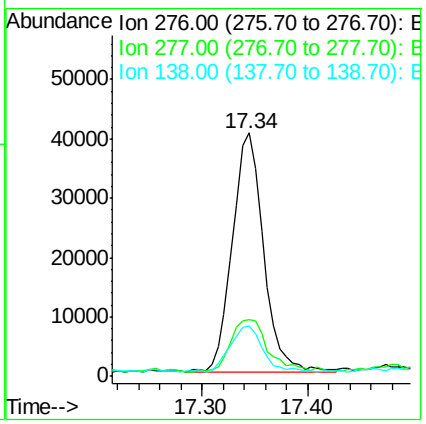




#92
Benzo(g,h,i)perylene
Concen: 2.328 ng
RT: 17.34 min Scan# 2594
Delta R.T. -0.05 min
Lab File: BF118764.D
Acq: 30 Jan 2020 21:09

Tgt Ion:276 Resp: 83237

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.6
138	20.7	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
CTY-SB-0102-0-80

Manual Integrations APPROVED
mohammad
2/3/2020 7:57:25 AM