Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
Data File : BM025937.D
Acq On : 04 Apr 2020 06:12
Operator : CG/JU
Sample : L2062-06RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F3E05RE

Manual Integrations APPROVED

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4/6/2020 1:41:53 PM

Quant Time: Apr 04 07:01:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 04 05:10:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	5537	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	24553	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	16677	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	38015m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	43201	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	36942	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	11065	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	36069	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.37	128	4099	0.057	ng/ul#	95
5) 2-Methylnaphthalene	12.00	142	1702	0.034	ng/ul	98
7) Acenaphthylene	13.92	152	132431	1.857	ng/ul	98
8) Acenaphthene	14.26	153	12691	0.214	ng/ul	99
9) Fluorene	15.26	166	25616	0.349	ng/ul	100
11) Pentachlorophenol	16.61	266	464	0.050	ng/ul	94
12) Phenanthrene	16.99	178	85865	0.717	ng/ul	99
13) Anthracene	17.08	178	2446916	23.126	ng/ul	99
15) Fluoranthene	19.01	202	4643176	31.376	ng/ul	99
17) Pyrene	19.38	202	6846417	44.251	ng/ul	97
18) Benzo(a)anthracene	21.13	228	3828613	24.793	ng/ul	97
19) Chrysene	21.19	228	6416491	38.069	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	5793669m	42.615	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	2224955m	15.263	ng/ul	
23) Benzo(a)pyrene	23.21	252	2554858	21.028	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.41	276	986871	6.065	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.41	278	295346	2.174	ng/ul	98
26) Benzo(g,h,i)perylene	26.05	276	570556	4.145	ng/ul	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 04 05:10:01 2020
Response via : Initial Calibration

Instrument :
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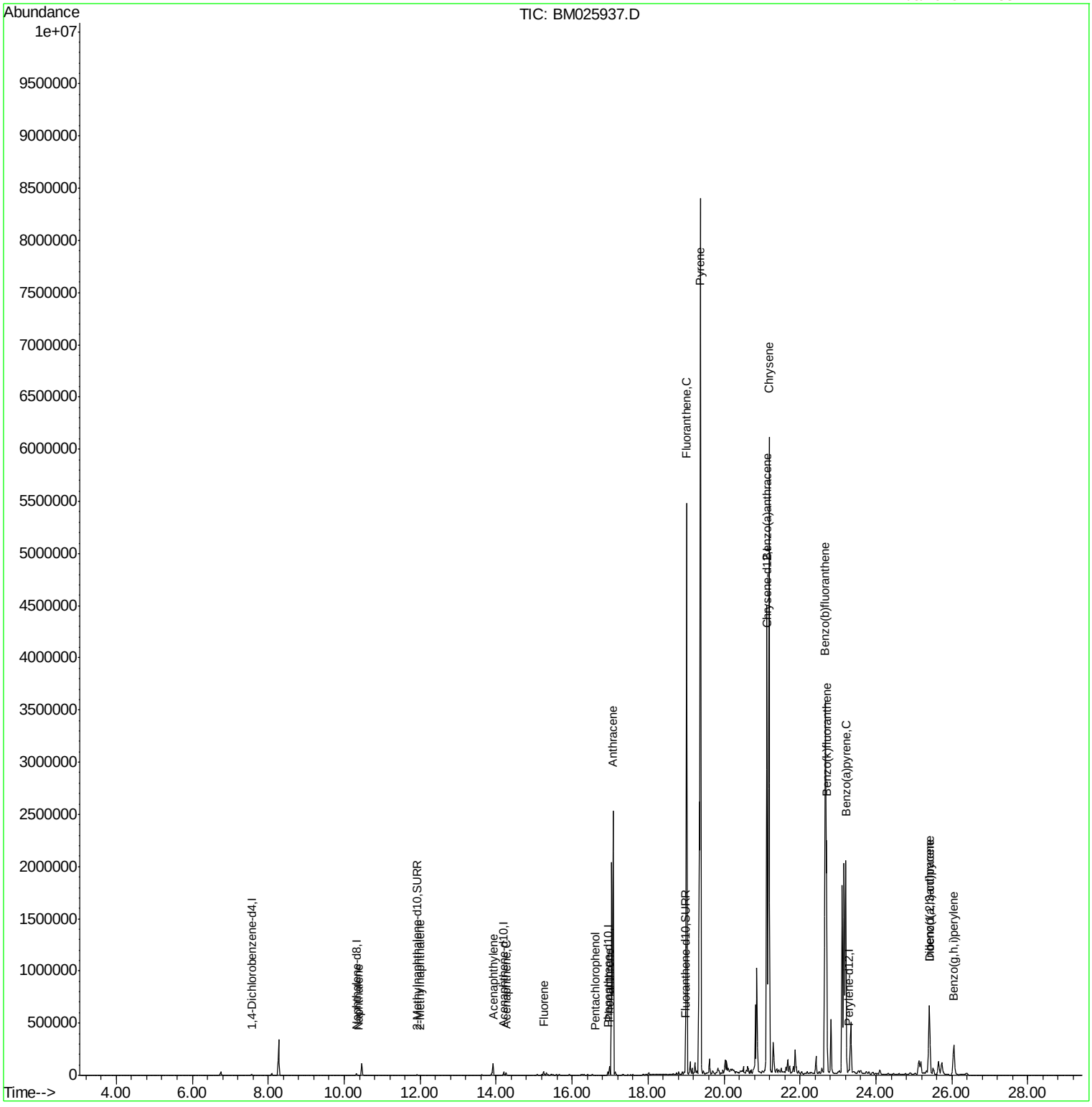

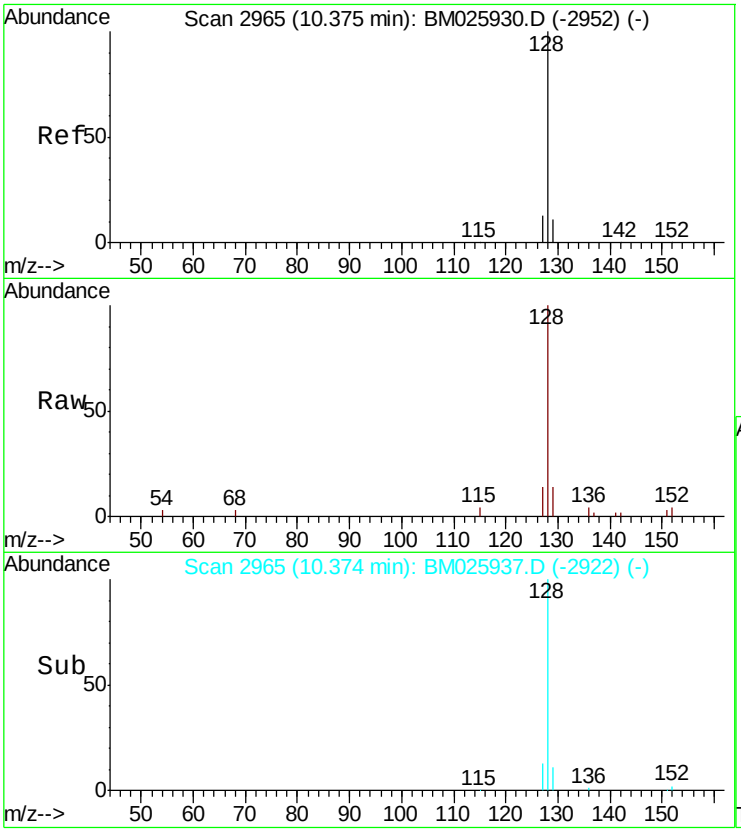

#3
Naphthalene
Concen: 0.057 ng/ul
RT: 10.37 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:128 Resp: 4099

Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.1	13.7#
127	14.5	10.7	16.1

Instrument :
BNA_M
ClientSampleId :
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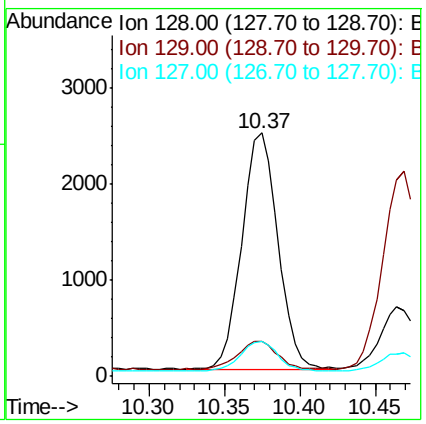
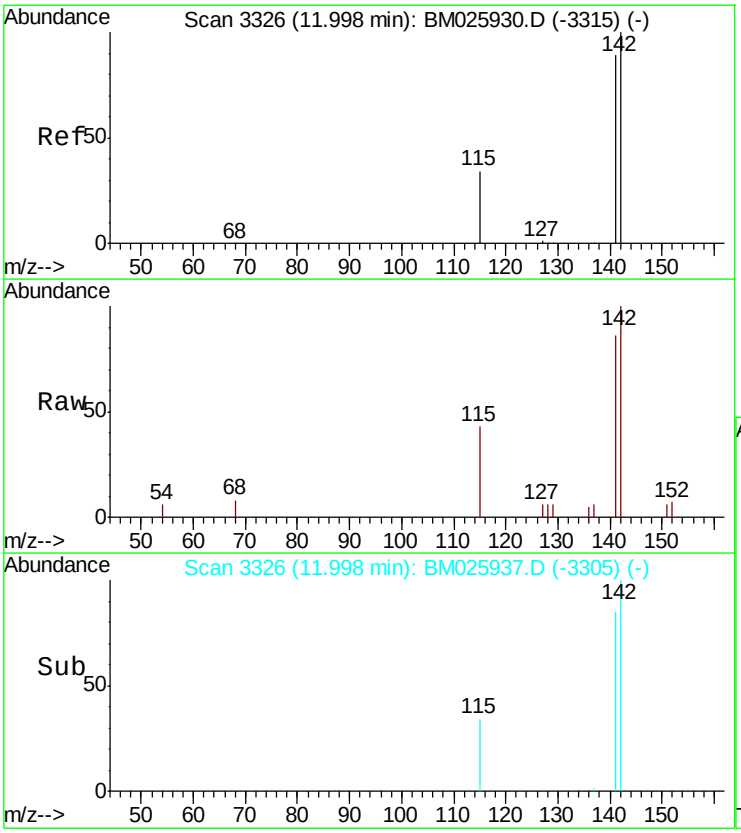
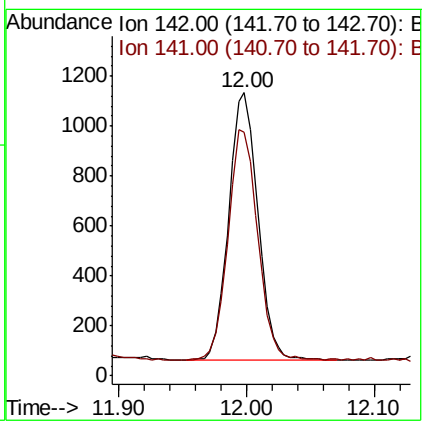


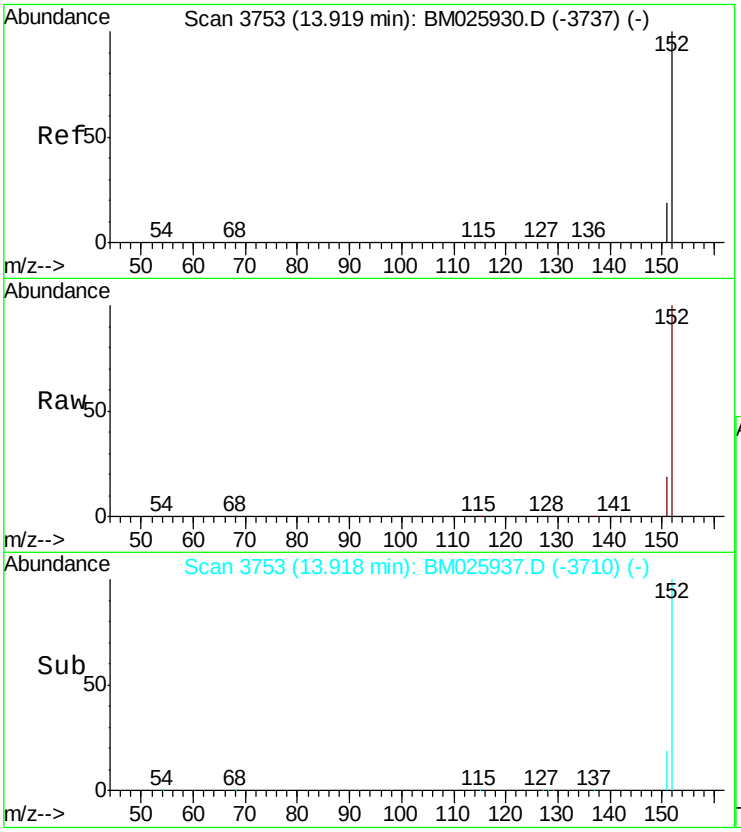


#5
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.00 min Scan# 3326
Delta R.T. -0.00 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:142 Resp: 1702

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.0	103.6

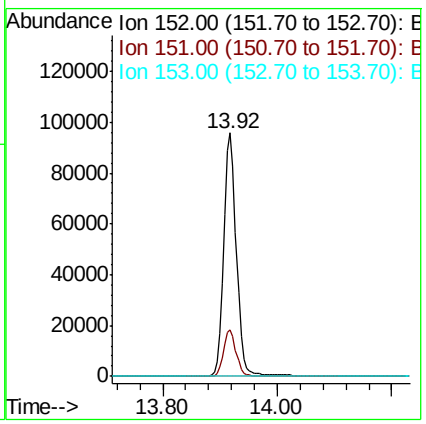




#7
Acenaphthylene
Concen: 1.857 ng/ul
RT: 13.92 min Scan# 3753
Delta R.T. -0.00 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:152 Resp: 132431

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.1	24.1
153	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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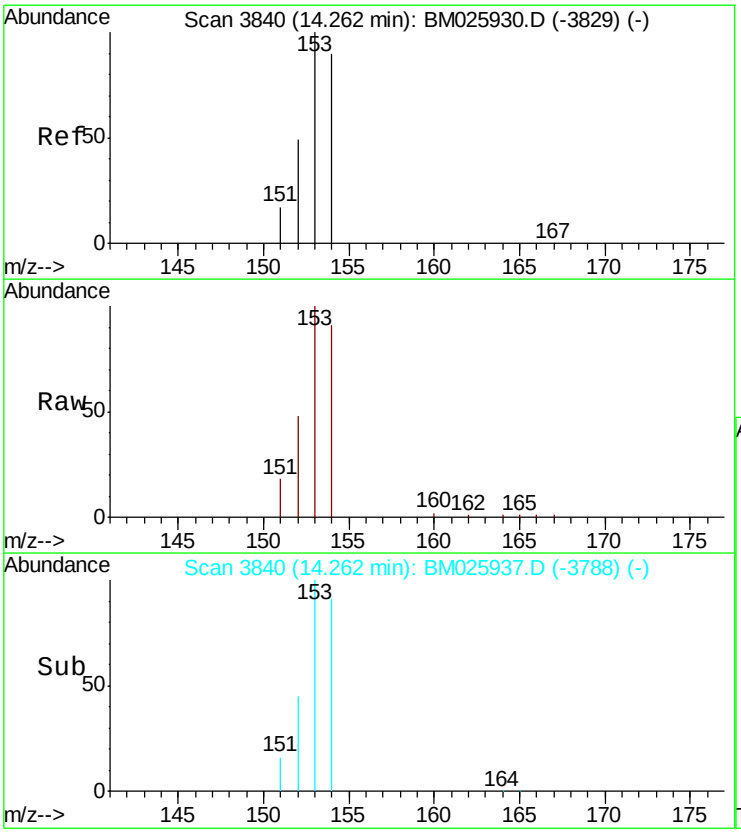
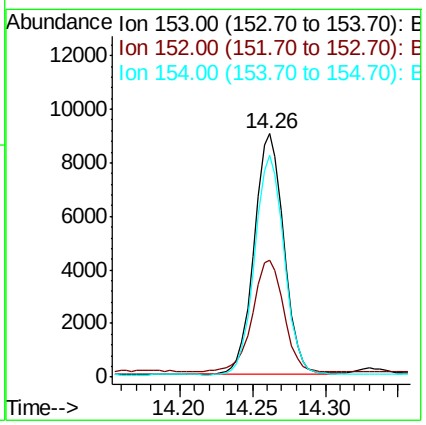
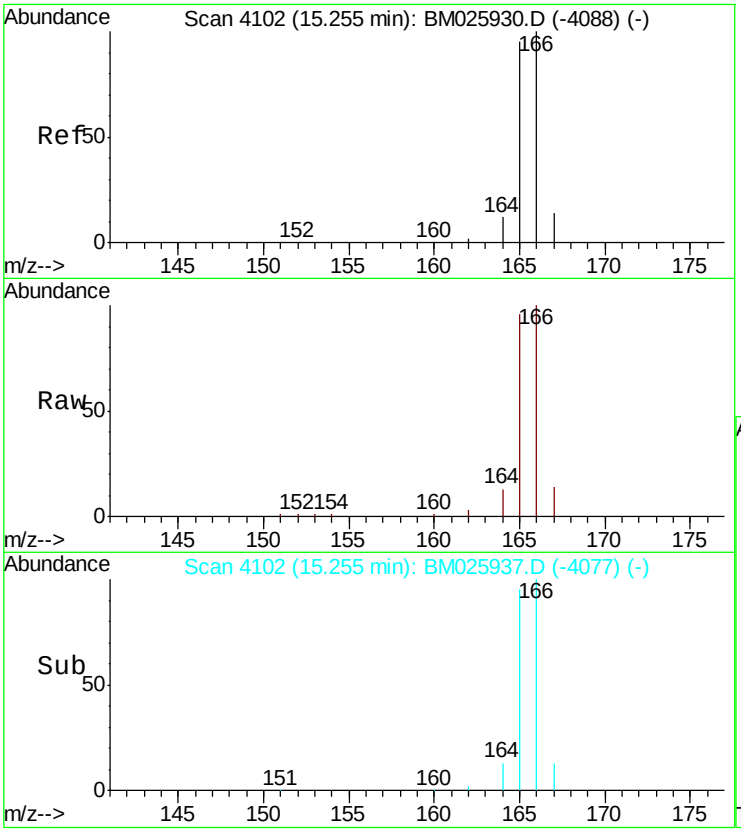


#8
Acenaphthene
Concen: 0.214 ng/ul
RT: 14.26 min Scan# 3840
Delta R.T. -0.00 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:153 Resp: 12691

Ion	Ratio	Lower	Upper
153	100		
152	47.9	38.8	58.2
154	91.1	71.9	107.9

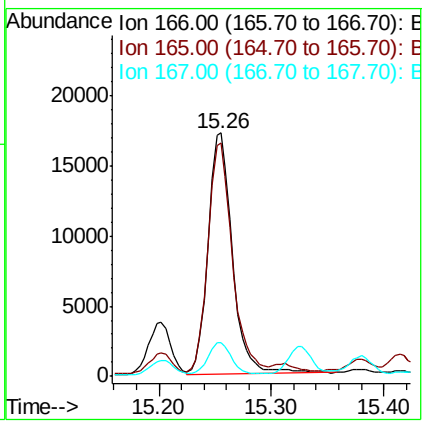




#9
Fluorene
Concen: 0.349 ng/ul
RT: 15.26 min Scan# 4102
Delta R.T. -0.00 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:166 Resp: 25616

Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.6	115.0
167	14.1	11.4	17.0



Instrument :
BNA_M
ClientSampleId :
F3E05RE

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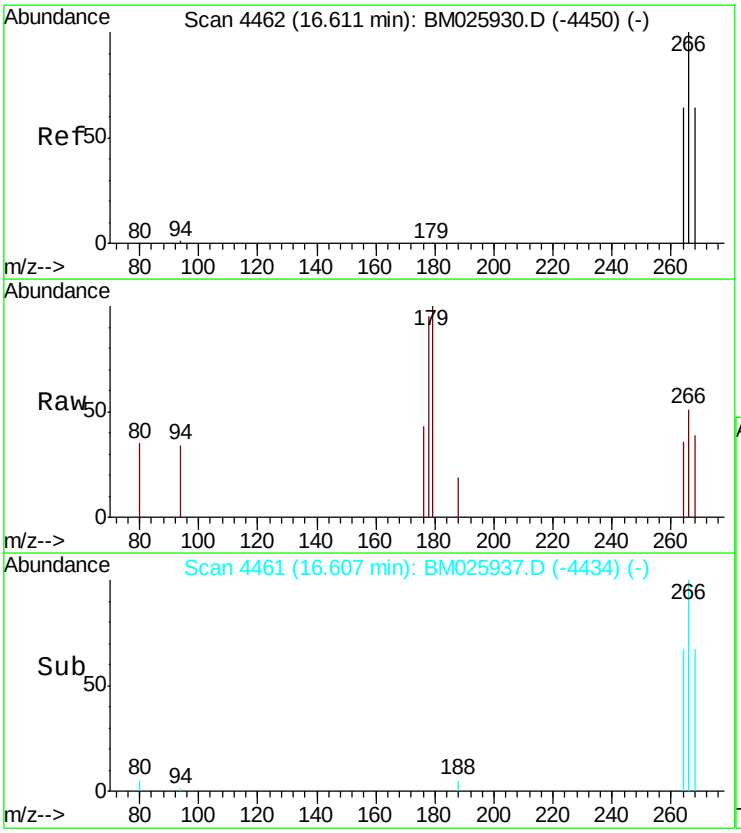
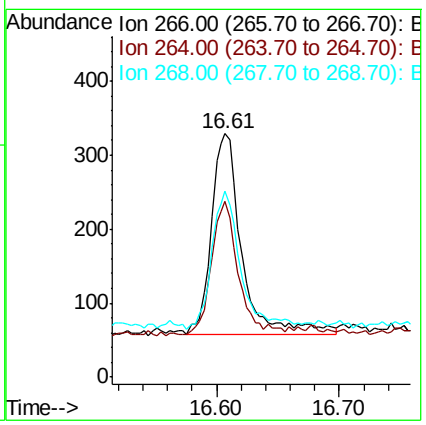
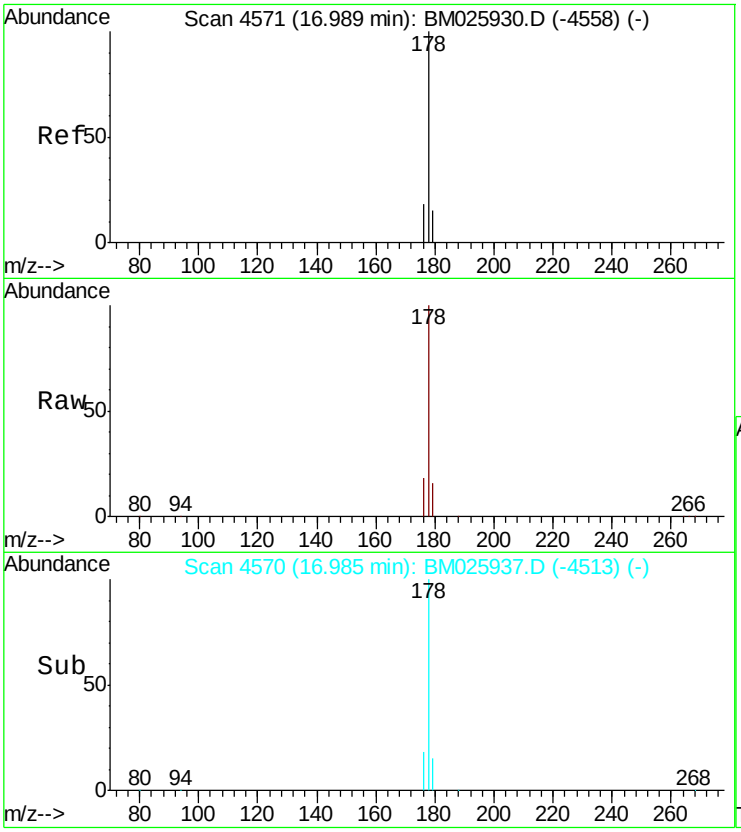


#11
Pentachlorophenol
Concen: 0.050 ng/ul
RT: 16.61 min Scan# 4461
Delta R.T. -0.01 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:266 Resp: 464

Ion	Ratio	Lower	Upper
266	100		
264	59.3	48.4	72.6
268	68.1	48.7	73.1

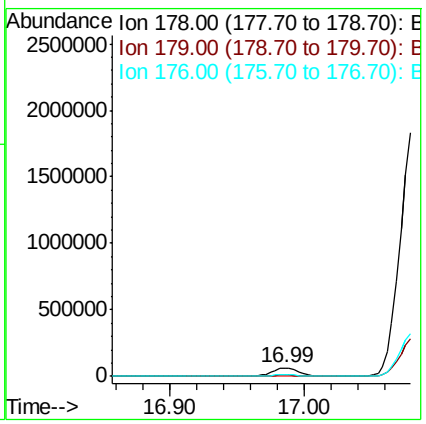




#12
Phenanthrene
Concen: 0.717 ng/ul
RT: 16.99 min Scan# 4570
Delta R.T. -0.00 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:178 Resp: 85865

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	18.3	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
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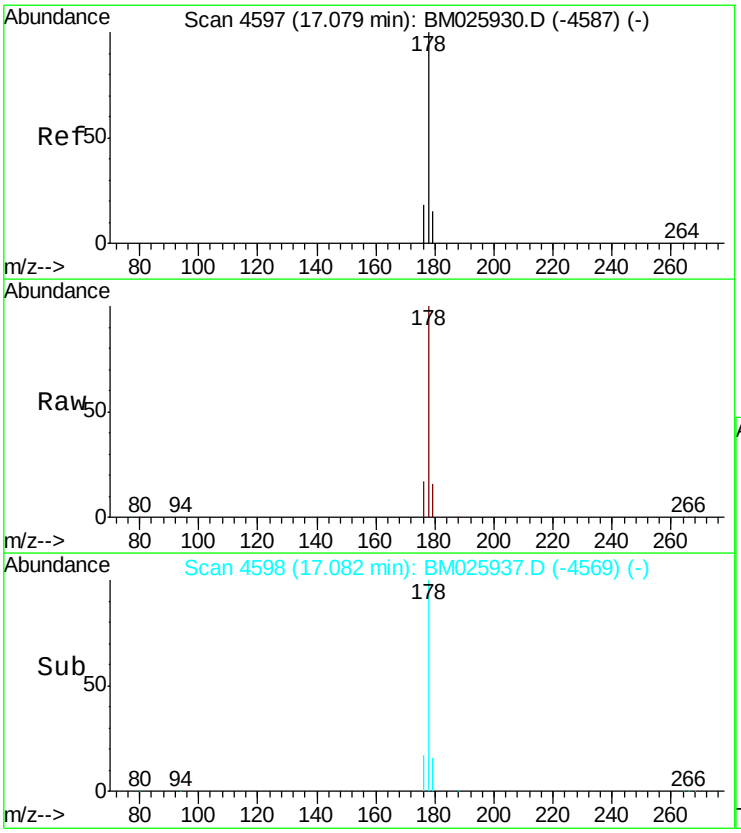
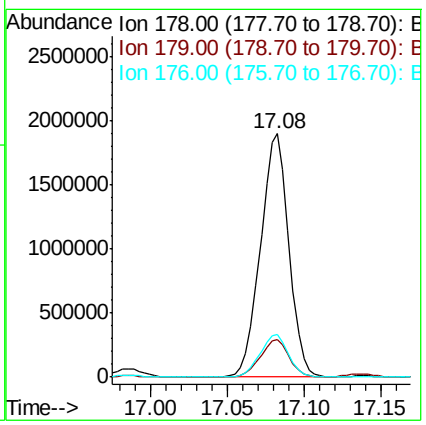
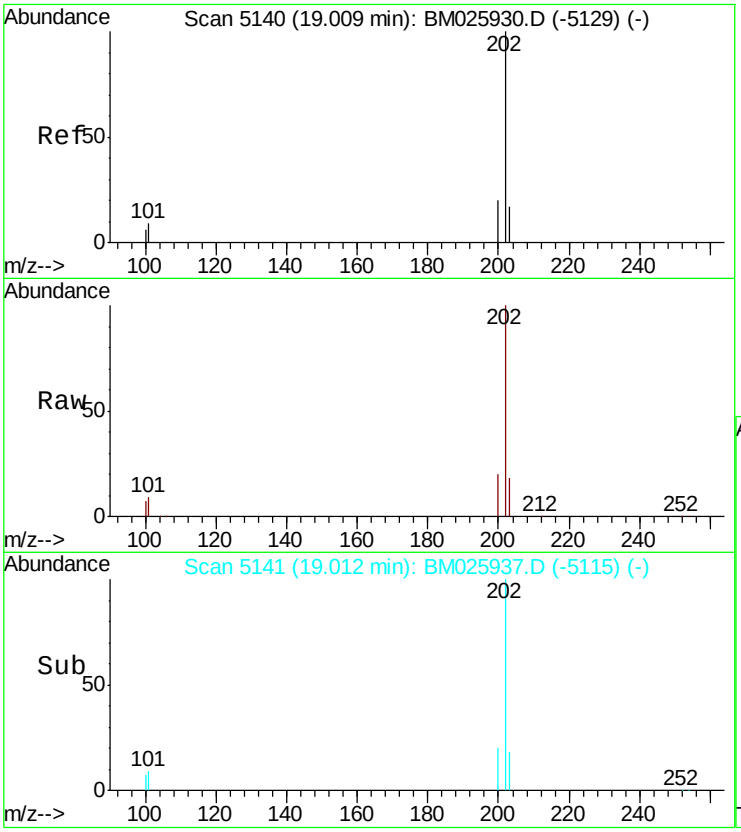


#13
Anthracene
Concen: 23.126 ng/ul
RT: 17.08 min Scan# 4598
Delta R.T. 0.00 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:178 Resp: 2446916

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	17.4	14.5	21.7

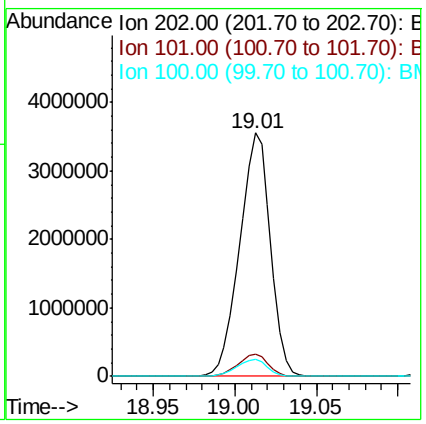




#15
Fluoranthene
Concen: 31.376 ng/ul
RT: 19.01 min Scan# 5141
Delta R.T. 0.00 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:202 Resp: 4643176

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	28.6
100	7.1	0.0	27.0



Instrument :
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ClientSampleId :
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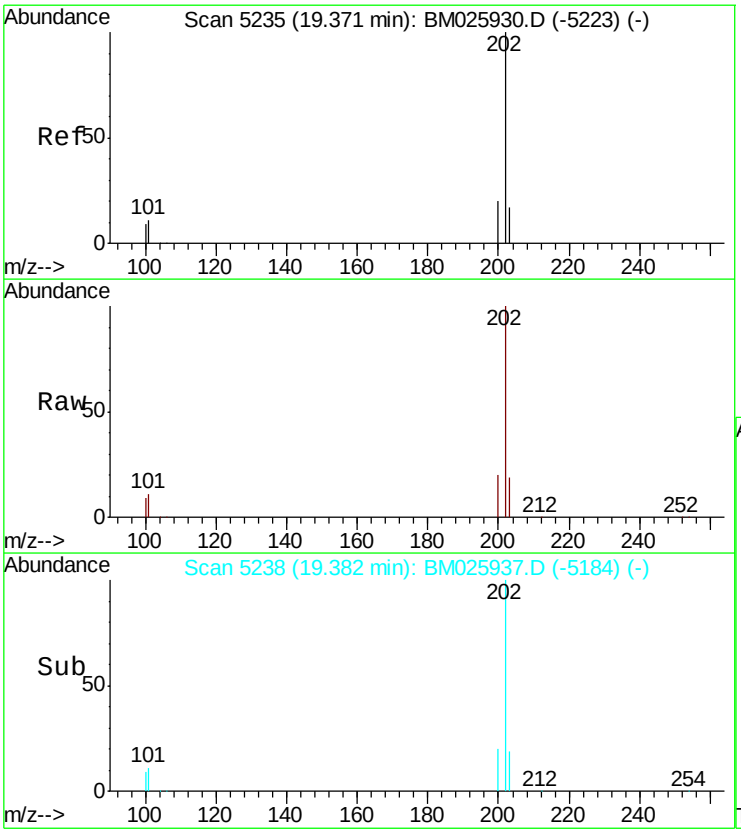
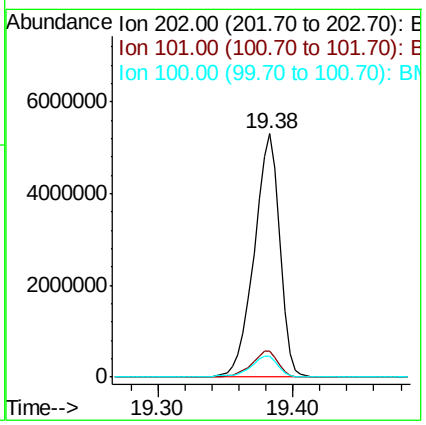
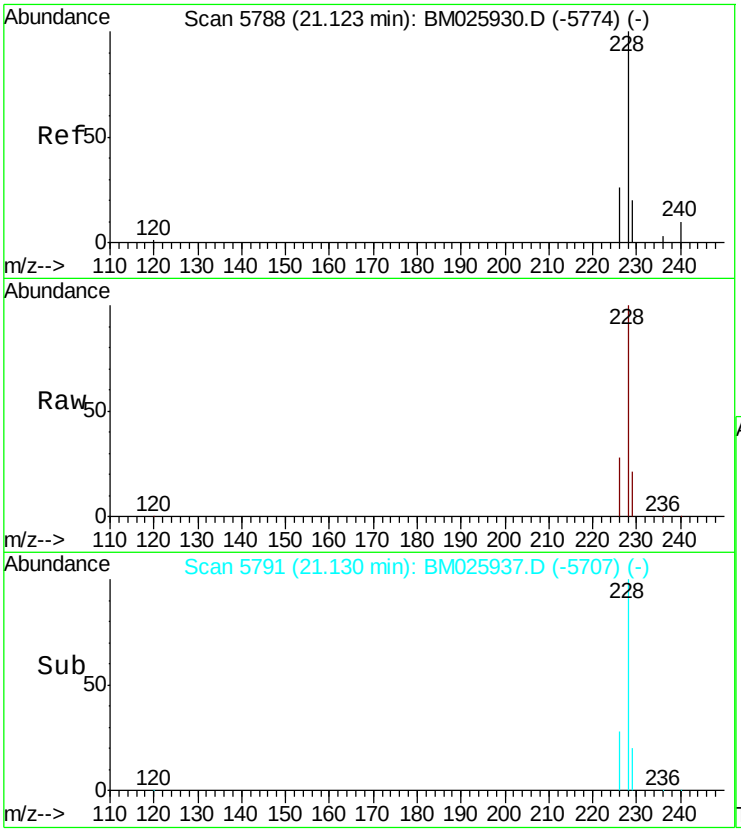


#17
Pyrene
Concen: 44.251 ng/ul
RT: 19.38 min Scan# 5238
Delta R.T. 0.01 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:202 Resp: 6846417

Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.5	11.3
100	8.6	6.3	9.5

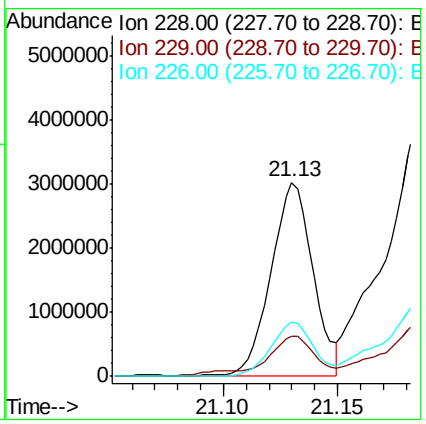




#18
Benzo(a)anthracene
Concen: 24.793 ng/ul
RT: 21.13 min Scan# 5791
Delta R.T. 0.00 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:228 Resp: 3828613

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	28.0	20.9	31.3



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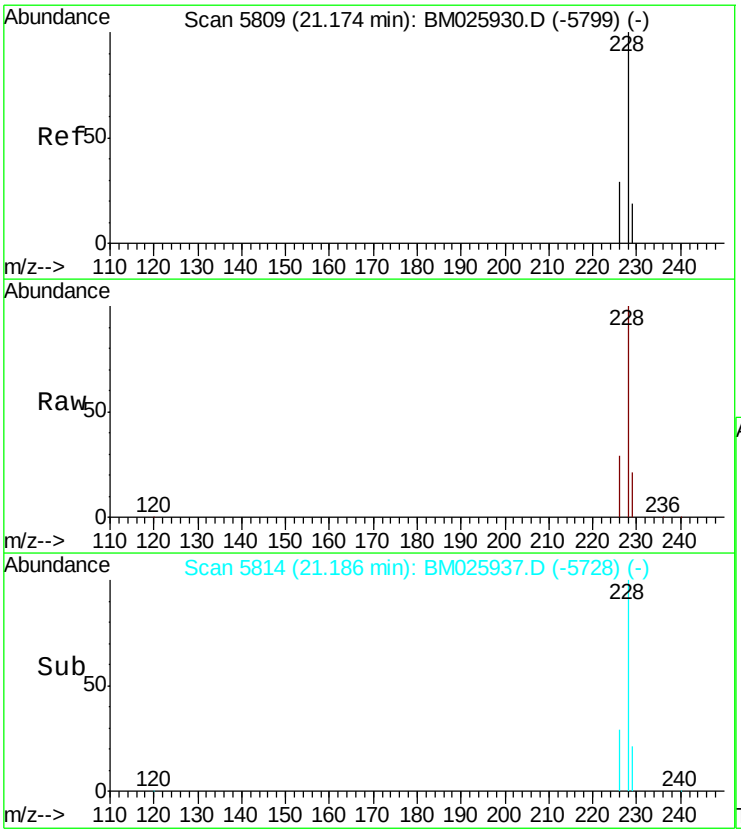
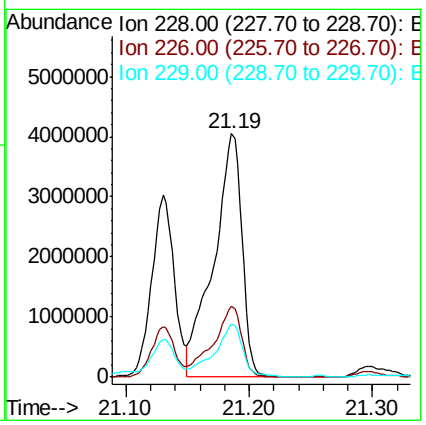
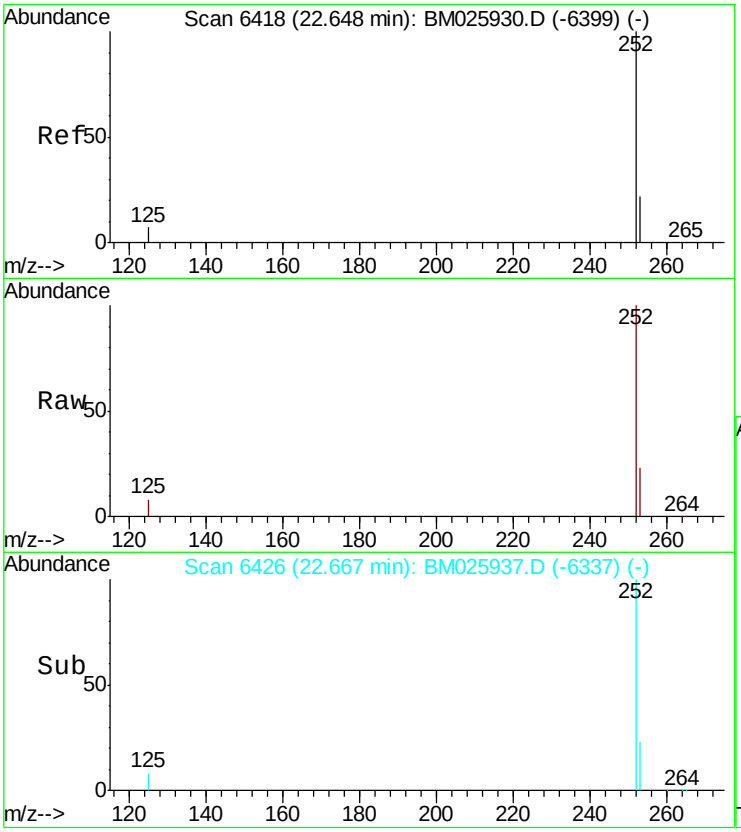


#19
Chrysene
Concen: 38.069 ng/ul
RT: 21.19 min Scan# 5814
Delta R.T. 0.01 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:228 Resp: 6416491

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.9	34.3
229	21.5	15.8	23.8

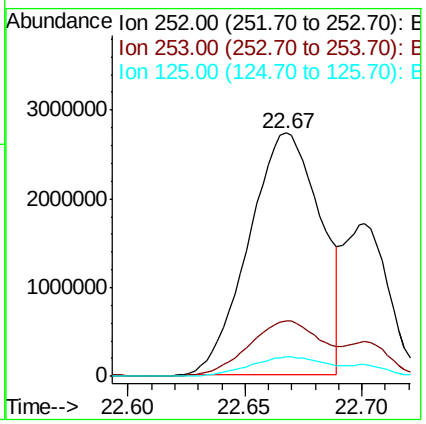




#21
Benzo(b)fluoranthene
Concen: 42.615 ng/ul m
RT: 22.67 min Scan# 6426
Delta R.T. 0.01 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:252 Resp: 5793669

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	46.6
125	7.9	0.0	15.4



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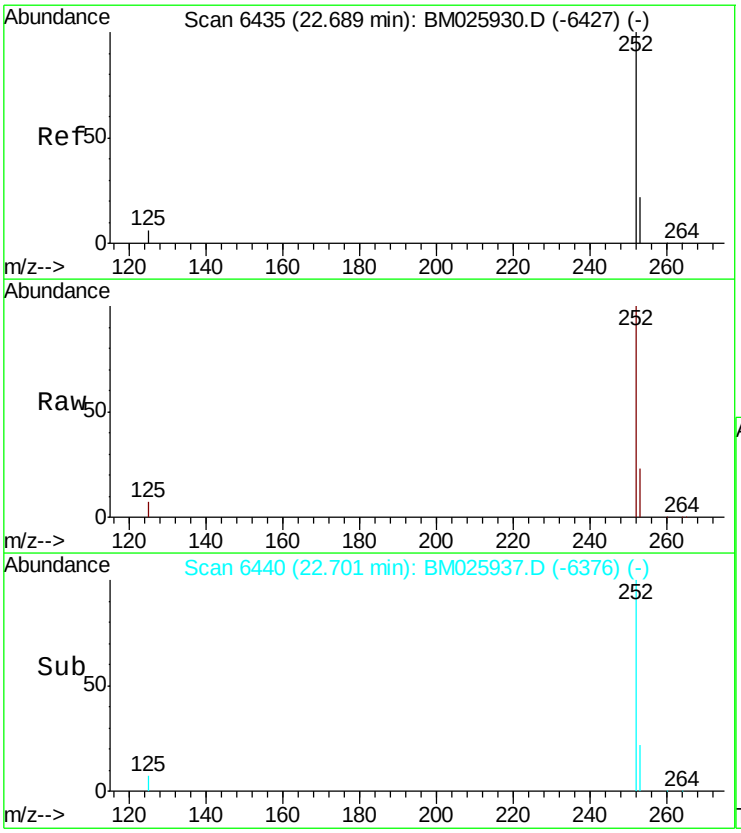
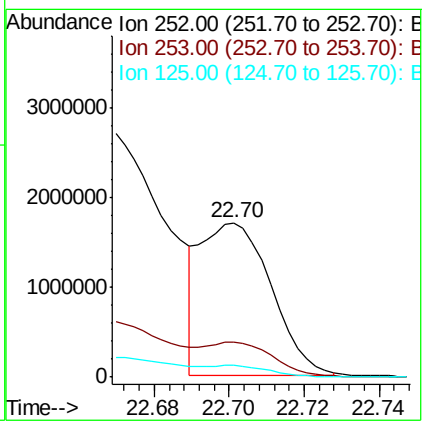
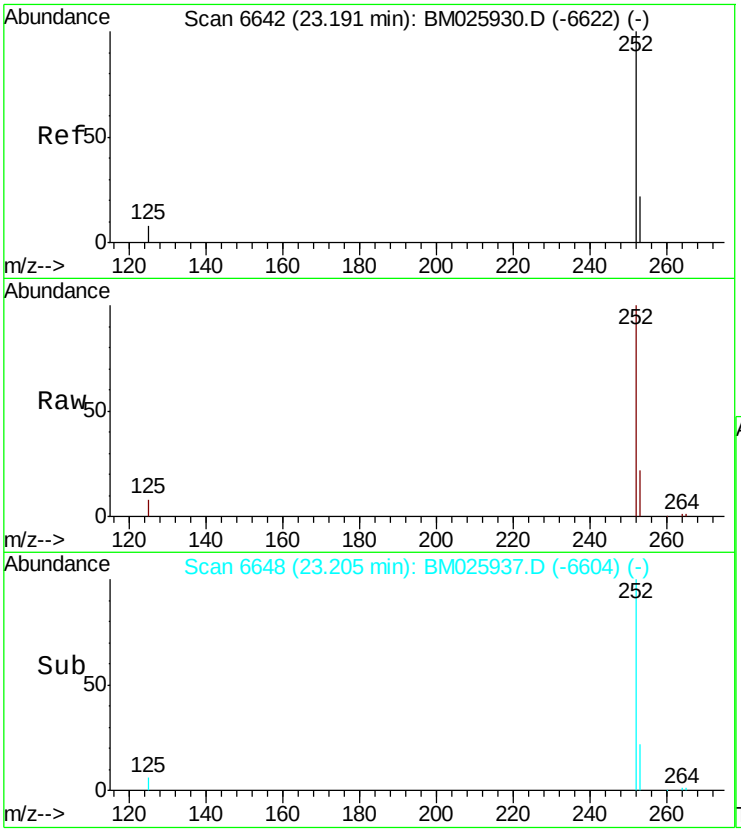


#22
Benzo(k)fluoranthene
Concen: 15.263 ng/ul m
RT: 22.70 min Scan# 6440
Delta R.T. 0.00 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:252 Resp: 2224955

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.4
125	7.4	6.7	10.1

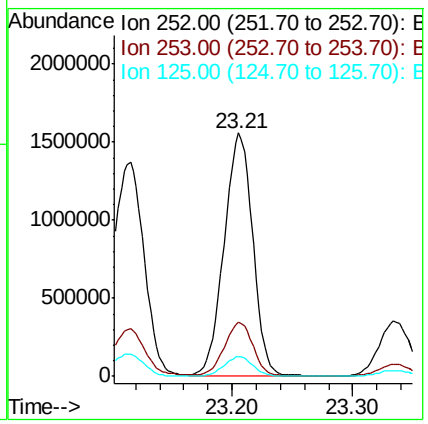




#23
Benzo(a)pyrene
Concen: 21.028 ng/ul
RT: 23.21 min Scan# 6648
Delta R.T. 0.01 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:252 Resp: 2554858

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.2	28.8
125	8.1	7.4	11.0



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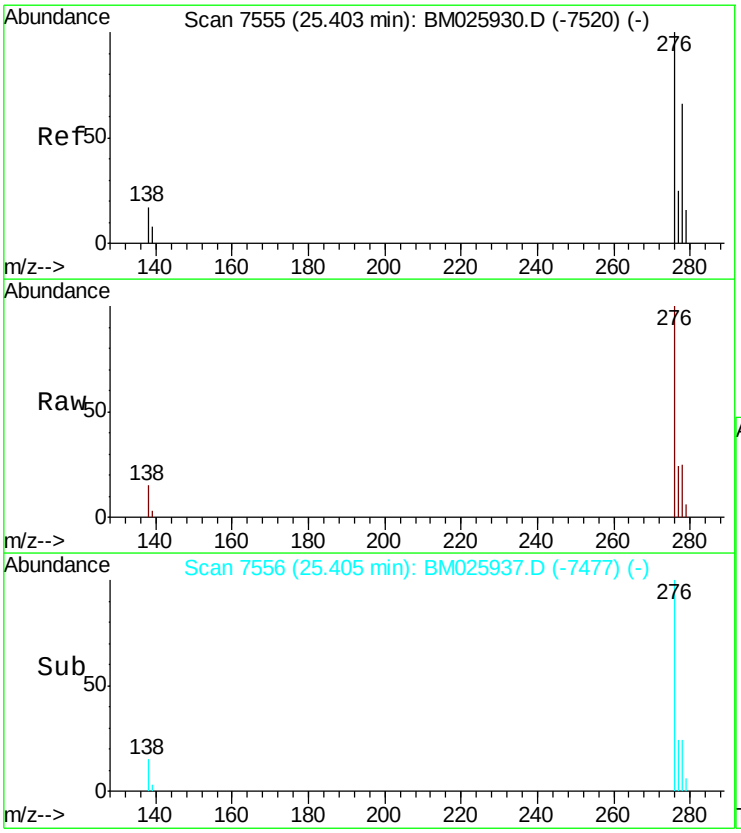
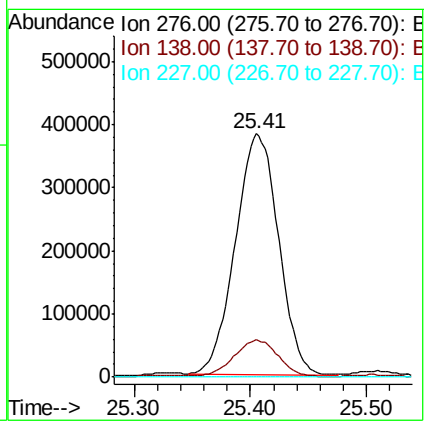
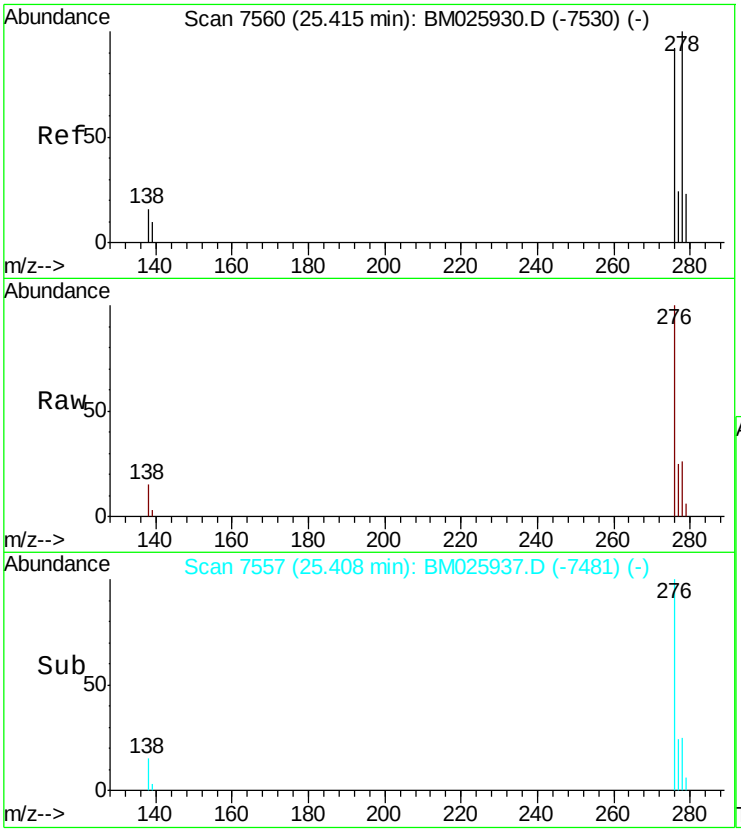


#24
Indeno(1,2,3-cd)pyrene
Concen: 6.065 ng/ul
RT: 25.41 min Scan# 7556
Delta R.T. -0.01 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:276 Resp: 986871

Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.6	19.0
227	0.0	0.0	0.0

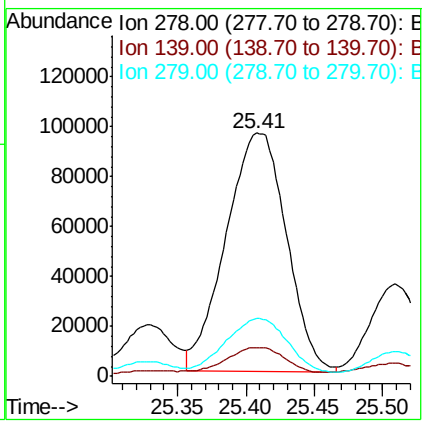




#25
Dibenzo(a,h)anthracene
Concen: 2.174 ng/ul
RT: 25.41 min Scan# 7557
Delta R.T. -0.02 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:278 Resp: 295346

Ion	Ratio	Lower	Upper
278	100		
139	11.8	8.9	13.3
279	23.9	20.0	30.0

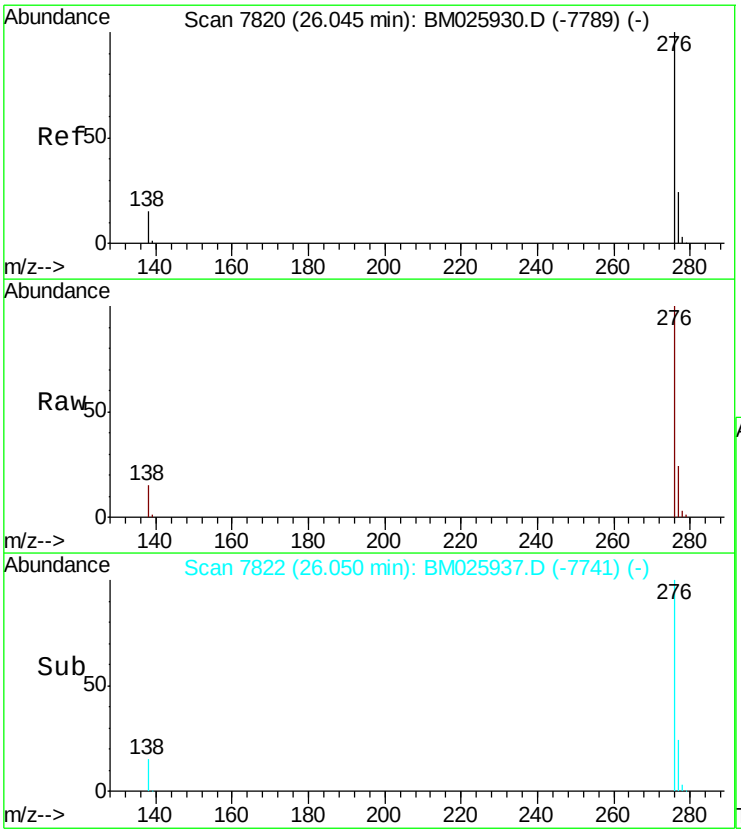


Instrument :
BNA_M
ClientSampleId :
F3E05RE

Manual Integrations APPROVED

mohammad

4/6/2020 1:41:53 PM



#26
Benzo(g,h,i)perylene
Concen: 4.145 ng/ul
RT: 26.05 min Scan# 7822
Delta R.T. -0.00 min
Lab File: BM025937.D
Acq: 04 Apr 2020 06:12

Tgt Ion:276 Resp: 570556

Ion	Ratio	Lower	Upper
276	100		
138	15.3	11.8	17.8
277	23.9	19.2	28.8