Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027942.D
Acq On : 24 Nov 2020 14:43
Operator : JU/CG
Sample : L4749-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AX9

Manual Integrations APPROVED
mohammad
11/25/2020 12:46:04 PM

Quant Time: Nov 24 15:16:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:00:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1006	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3947	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2179	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3596	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2013	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	1907	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	931	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1301	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.21	128	303	0.026	ng/ul#	54
5) 2-Methylnaphthalene	12.79	142	198	0.025	ng/ul	95
12) Phenanthrene	17.70	178	3738	0.329	ng/ul	99
13) Anthracene	17.79	178	473	0.043	ng/ul#	71
15) Fluoranthene	19.68	202	9345	0.742	ng/ul	97
17) Pyrene	20.03	202	7654	0.749	ng/ul	96
18) Benzo(a)anthracene	21.74	228	3359	0.414	ng/ul	94
19) Chrysene	21.80	228	4099	0.518	ng/ul	96
21) Benzo(b)fluoranthene	23.44	252	5577m	0.696	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	2056m	0.262	ng/ul	
23) Benzo(a)pyrene	24.07	252	3449	0.492	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	26.67	276	2540	0.335	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	628	0.099	ng/ul#	17
26) Benzo(g,h,i)perylene	27.45	276	2292	0.360	ng/ul#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
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Acq On : 24 Nov 2020 14:43
Operator : JU/CG
Sample : L4749-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Nov 24 15:16:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:00:24 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AX9

Manual Integrations APPROVED
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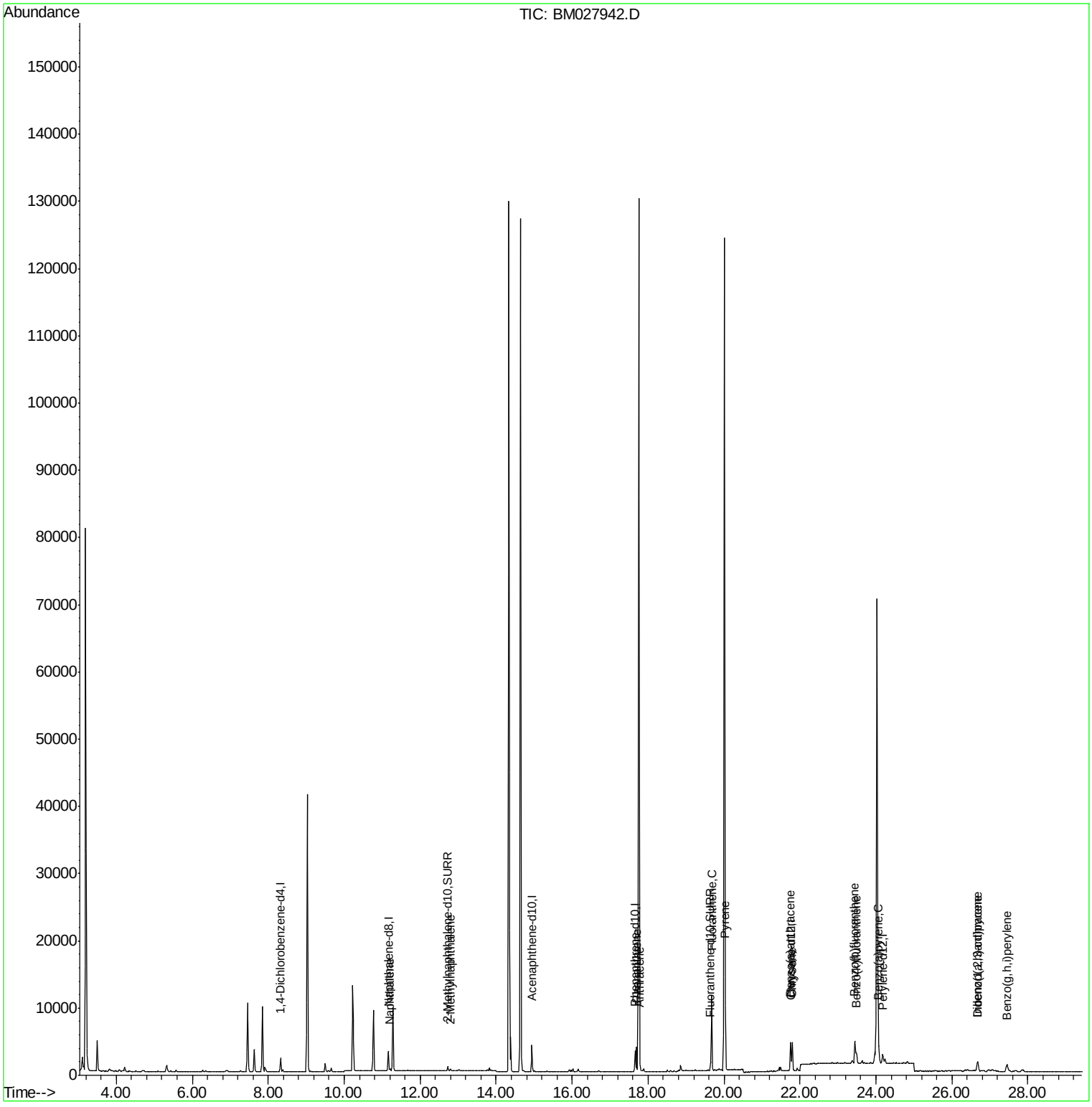

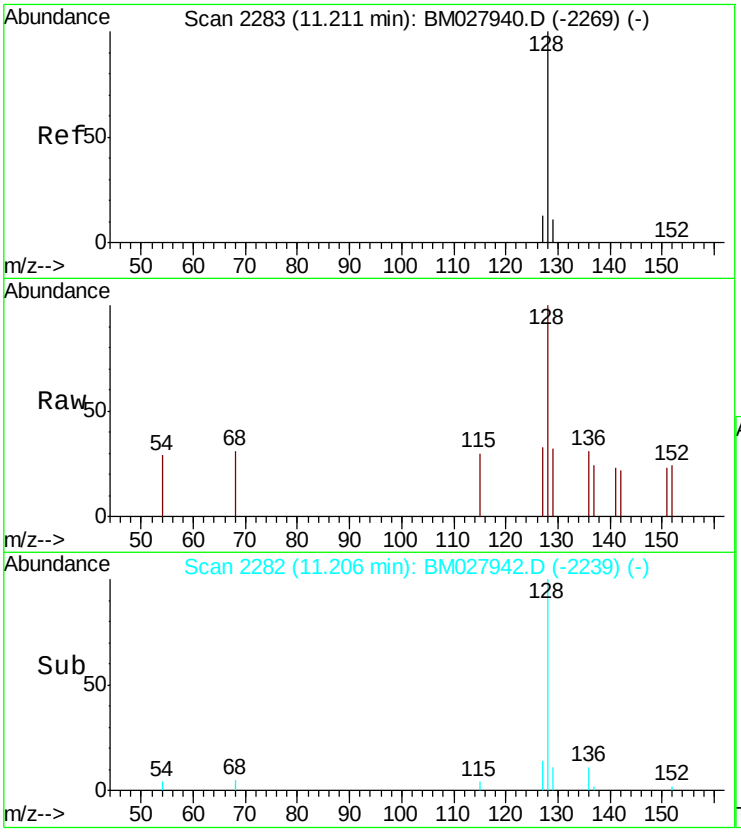

#3
Naphthalene
Concen: 0.026 ng/ul
RT: 11.21 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:128 Resp: 303

Ion	Ratio	Lower	Upper
128	100		
129	32.3	10.4	15.6#
127	33.2	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
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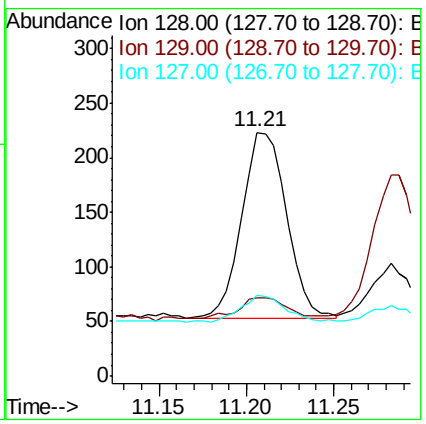
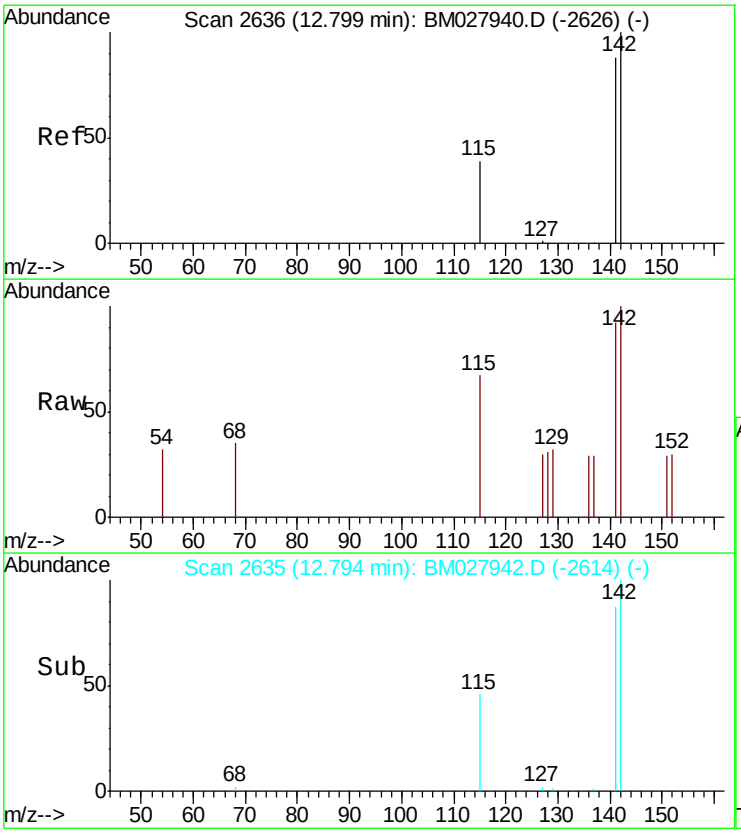
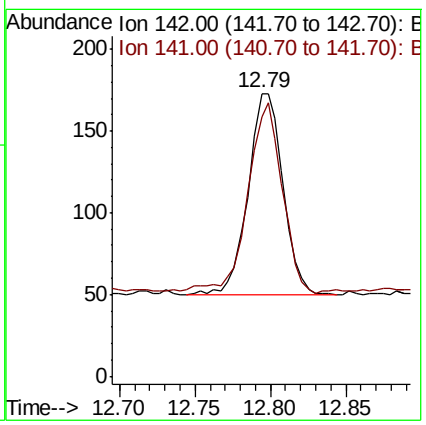


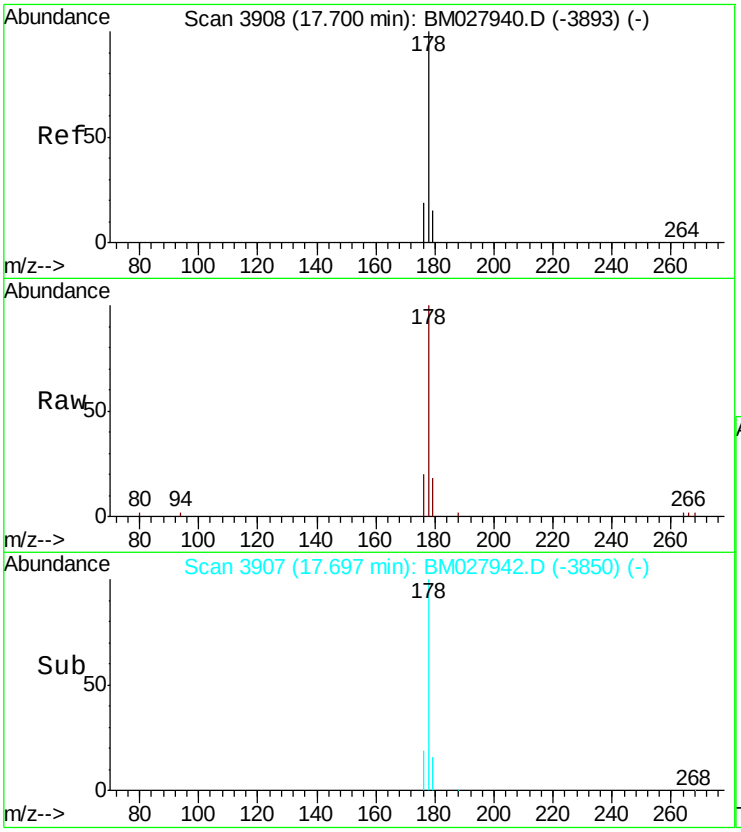


#5
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.79 min Scan# 2635
Delta R.T. -0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:142 Resp: 198

Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.6	107.4

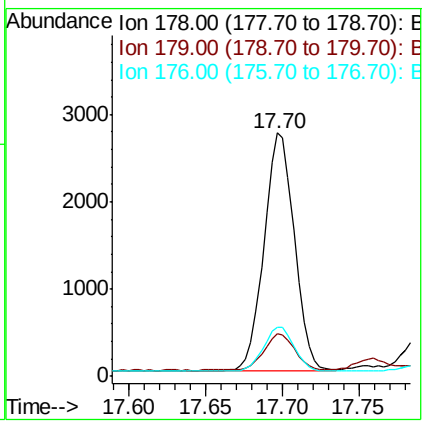




#12
Phenanthrene
Concen: 0.329 ng/ul
RT: 17.70 min Scan# 3907
Delta R.T. -0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:178 Resp: 3738

Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.6	20.4
176	20.3	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0AX9

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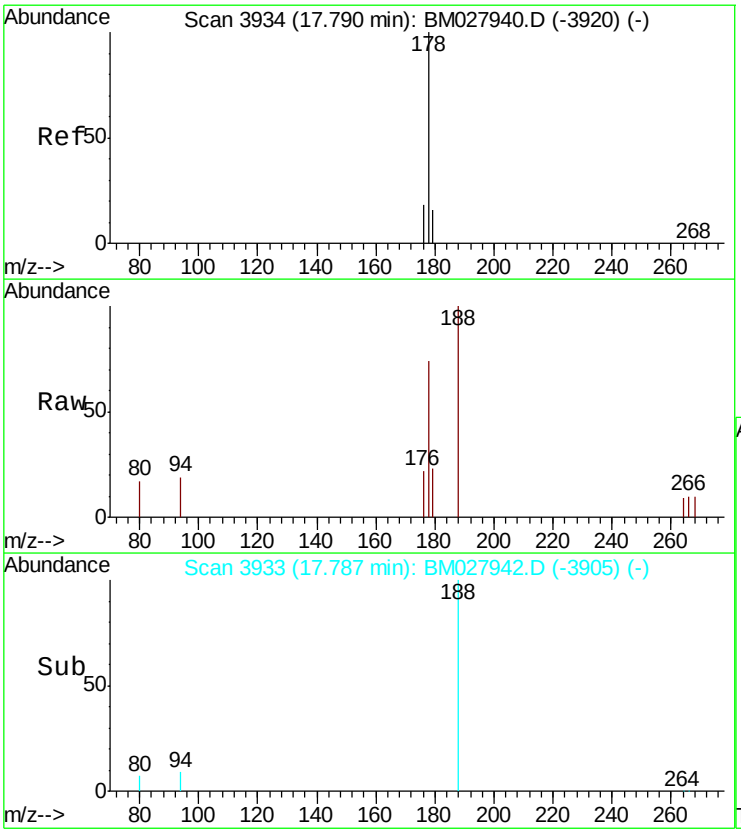
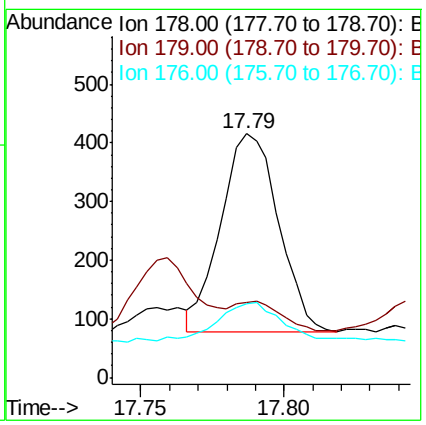
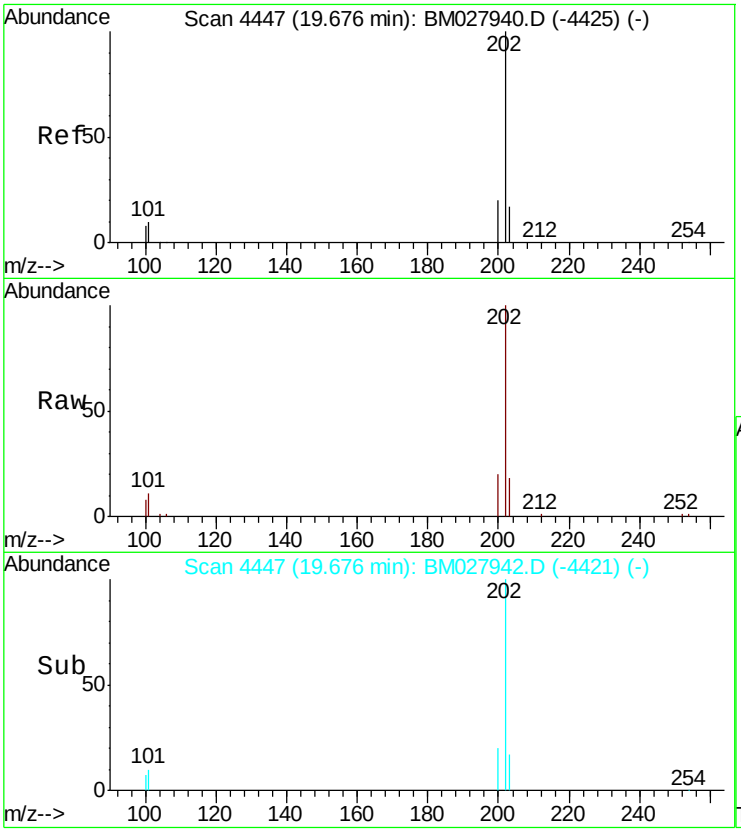


#13
Anthracene
Concen: 0.043 ng/ul
RT: 17.79 min Scan# 3933
Delta R.T. -0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:178 Resp: 473

Ion	Ratio	Lower	Upper
178	100		
179	30.8	13.4	20.2#
176	30.3	15.0	22.6#

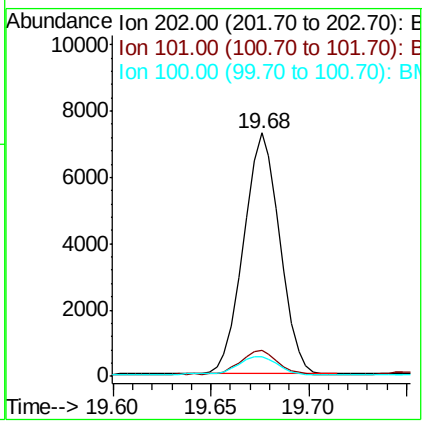




#15
Fluoranthene
Concen: 0.742 ng/ul
RT: 19.68 min Scan# 4447
Delta R.T. -0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:202 Resp: 9345

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.3
100	8.2	0.0	27.4



Instrument :
BNA_M
ClientSampleId :
C0AX9

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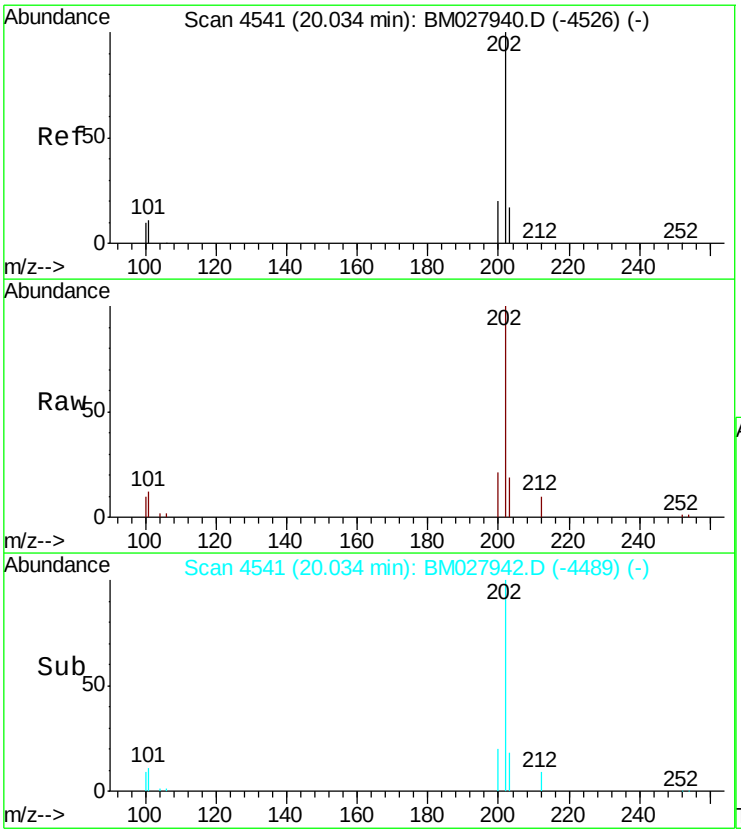
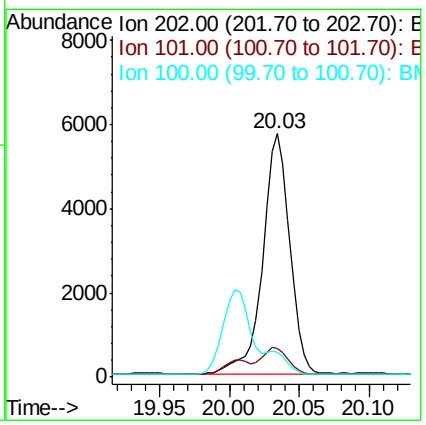
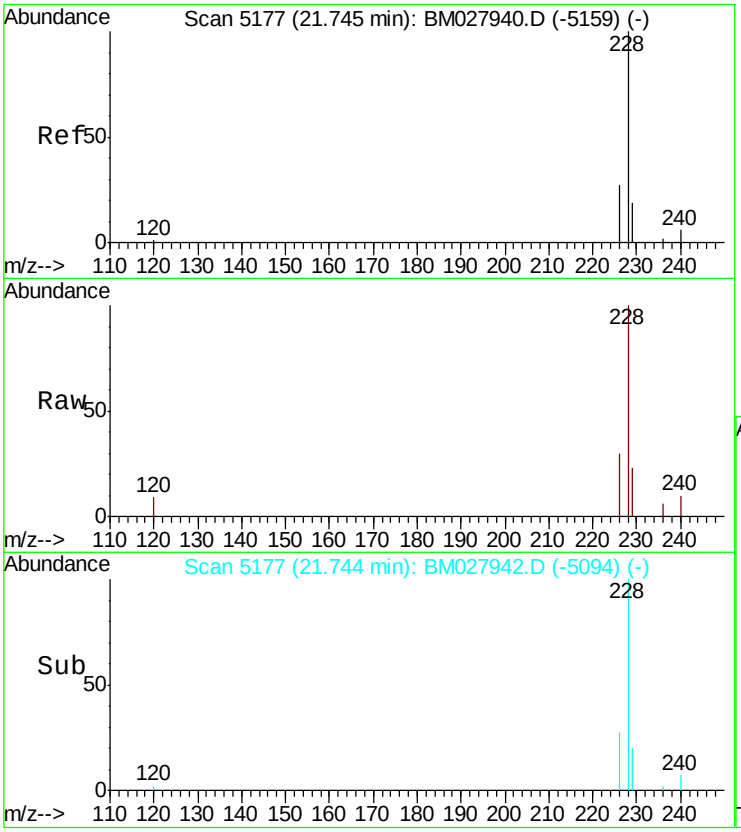


#17
Pyrene
Concen: 0.749 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:202 Resp: 7654

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.2	12.2
100	10.0	6.9	10.3

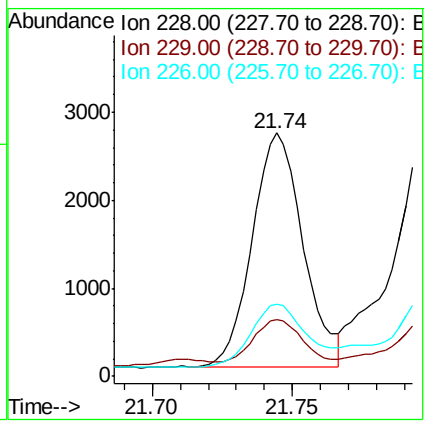




#18
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.74 min Scan# 5177
Delta R.T. -0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:228 Resp: 3359

Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.2	24.4
226	29.5	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
C0AX9

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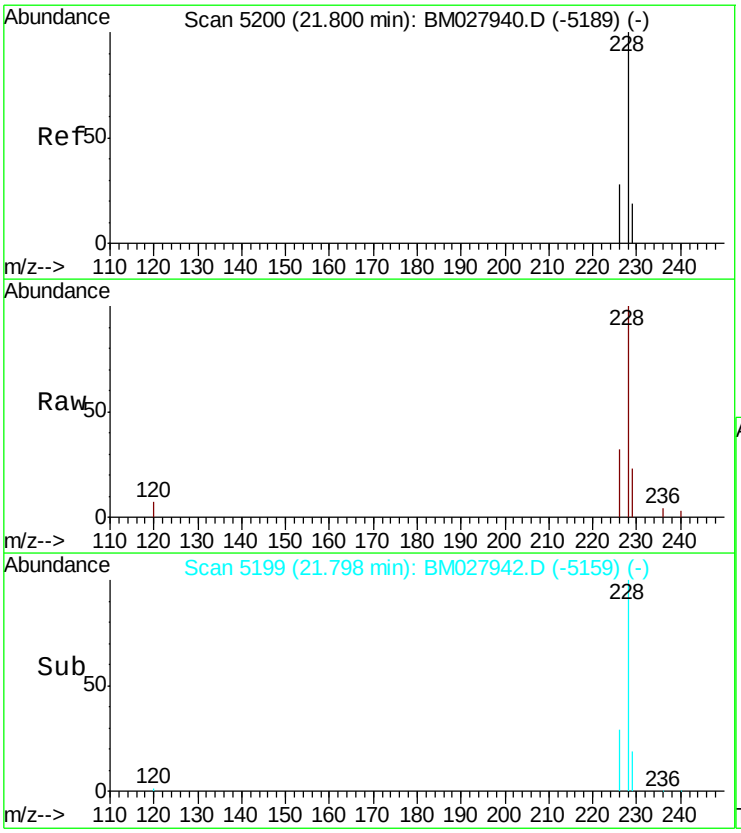
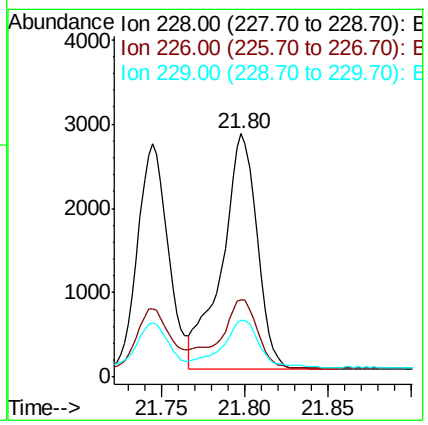
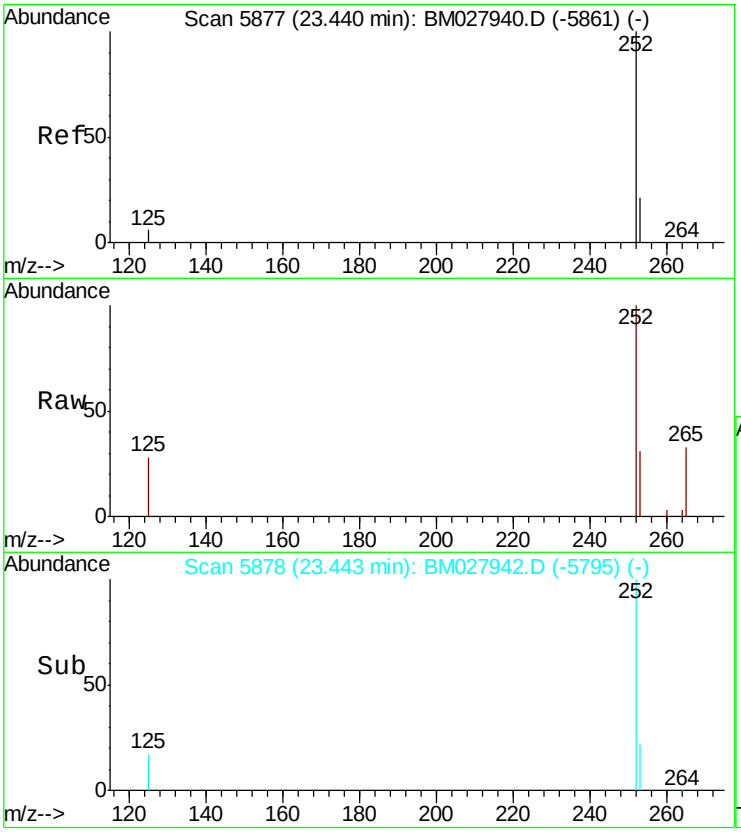


#19
Chrysene
Concen: 0.518 ng/ul
RT: 21.80 min Scan# 5199
Delta R.T. -0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:228 Resp: 4099

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.1	36.1
229	23.3	16.6	24.8

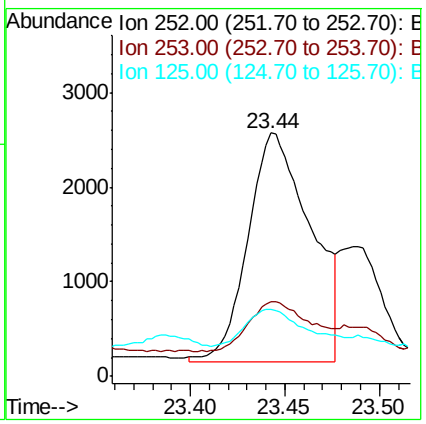




#21
Benzo(b)fluoranthene
Concen: 0.696 ng/ul m
RT: 23.44 min Scan# 5878
Delta R.T. 0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:252 Resp: 5577

Ion	Ratio	Lower	Upper
252	100		
253	30.6	0.0	59.6
125	27.6	0.0	28.4



Instrument :
BNA_M
ClientSampleId :
C0AX9

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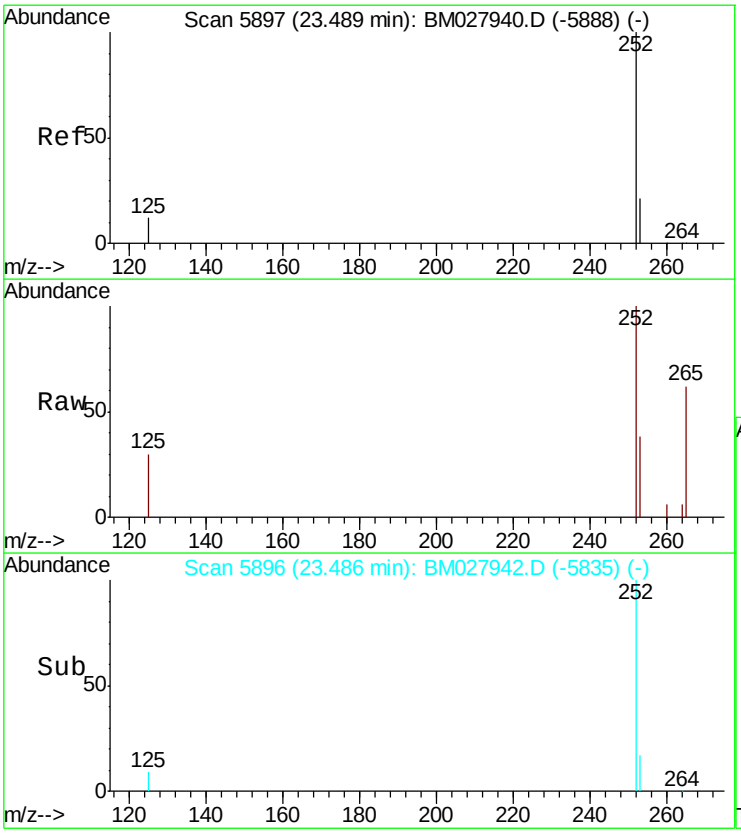
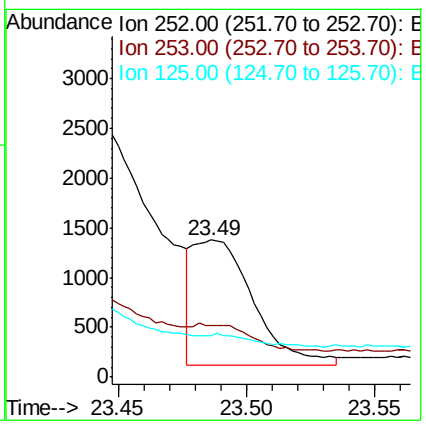
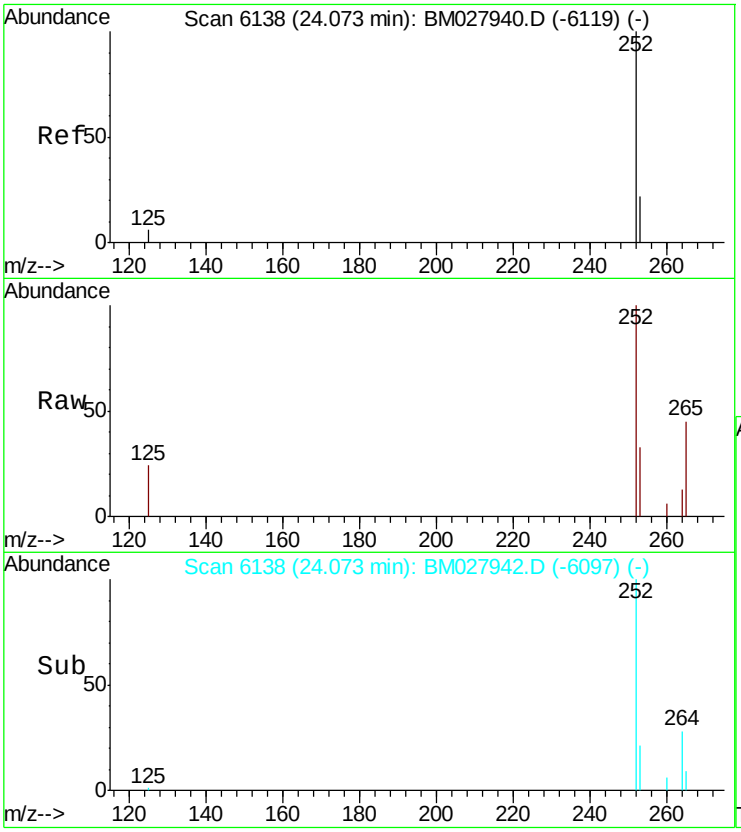


#22
Benzo(k)fluoranthene
Concen: 0.262 ng/ul m
RT: 23.49 min Scan# 5896
Delta R.T. -0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:252 Resp: 2056

Ion	Ratio	Lower	Upper
252	100		
253	37.7	23.2	34.8#
125	29.9	11.8	17.6#





#23
Benzo(a)pyrene
Concen: 0.492 ng/ul
RT: 24.07 min Scan# 6138
Delta R.T. -0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:252 Resp: 3449

Ion	Ratio	Lower	Upper
252	100		
253	33.3	25.2	37.8
125	23.6	13.8	20.6#

Instrument :
BNA_M
ClientSampleId :
C0AX9

Manual Integrations APPROVED
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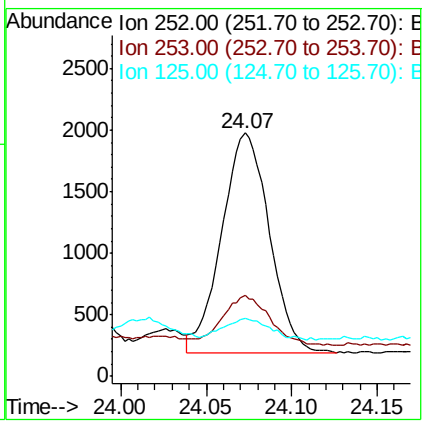
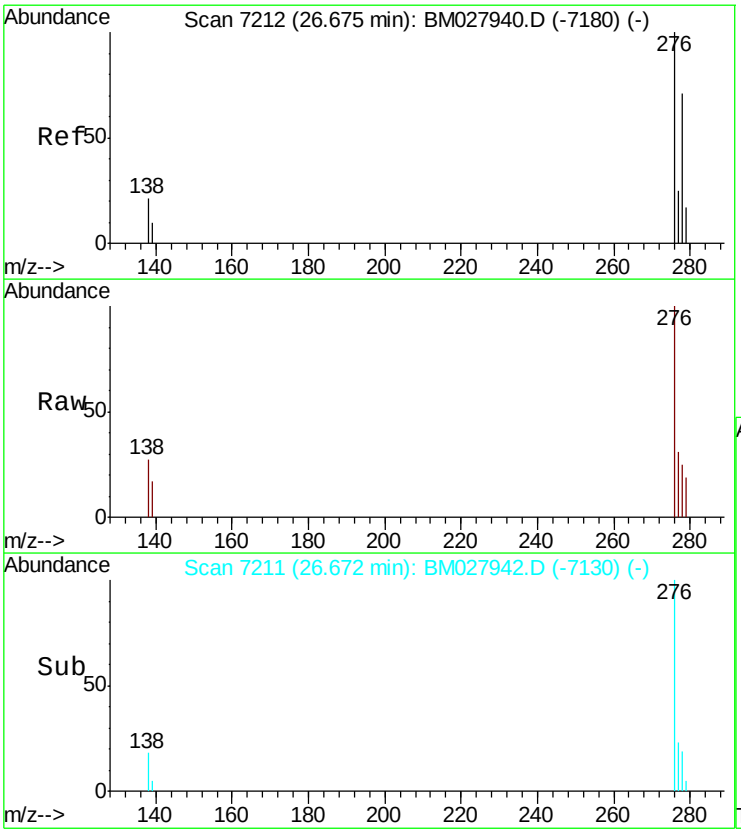
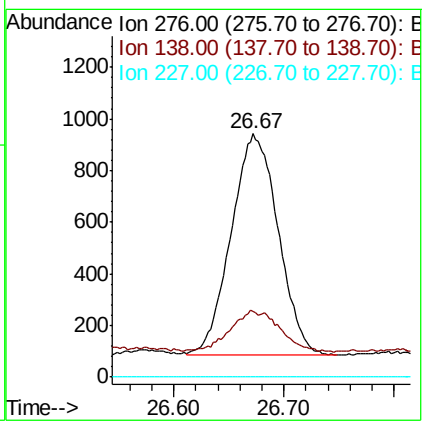


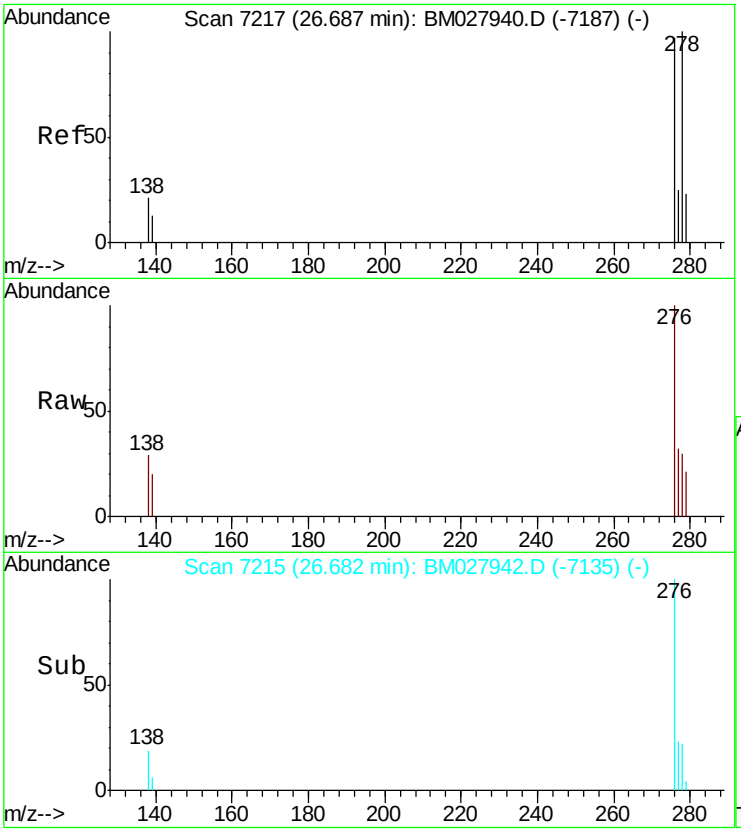


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng/ul
RT: 26.67 min Scan# 7211
Delta R.T. -0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:276 Resp: 2540

Ion	Ratio	Lower	Upper
276	100		
138	21.2	15.7	23.5
227	0.0	0.0	0.0

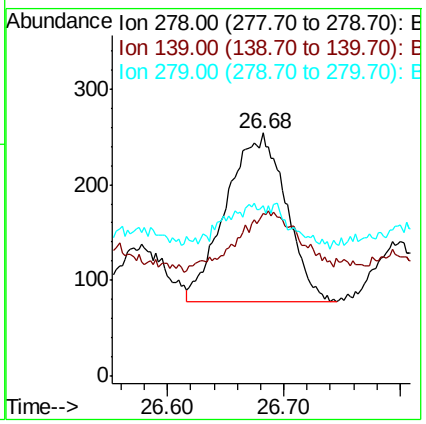




#25
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:278 Resp: 628

Ion	Ratio	Lower	Upper
278	100		
139	66.9	14.8	22.2#
279	70.1	25.8	38.6#



Instrument :
BNA_M
ClientSampleId :
C0AX9

Manual Integrations APPROVED
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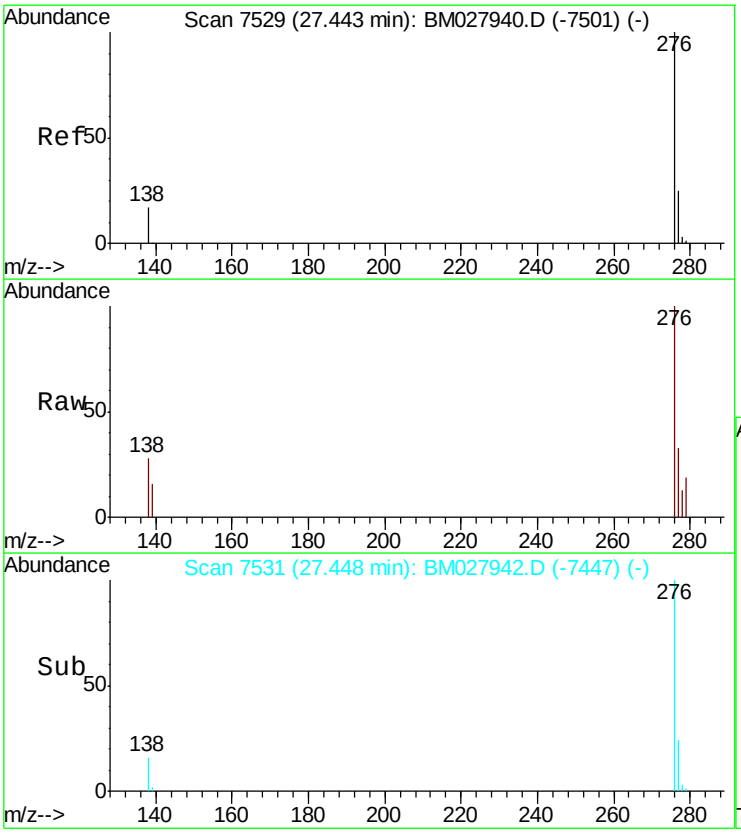

#26
Benzo(g,h,i)perylene
Concen: 0.360 ng/ul
RT: 27.45 min Scan# 7531
Delta R.T. 0.00 min
Lab File: BM027942.D
Acq: 24 Nov 2020 14:43

Tgt Ion:276 Resp: 2292

Ion	Ratio	Lower	Upper
276	100		
138	27.9	17.4	26.2#
277	33.3	22.5	33.7