Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022026.D
Acq On : 12 Aug 2019 11:37
Operator : HP/JU
Sample : K4028-10DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 12 14:22:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 14:07:26 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BENZ2DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	813	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	3513	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	1927	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	4373	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4544	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4929	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	232	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	615	0.04	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.44	128	789	0.080	ng/ul#	84
5) 2-Methylnaphthalene	12.09	142	392	0.059	ng/ul	90
7) Acenaphthylene	13.99	152	2019	0.225	ng/ul#	82
8) Acenaphthene	14.33	153	1231	0.167	ng/ul	96
9) Fluorene	15.33	166	1473	0.180	ng/ul	99
12) Phenanthrene	17.06	178	33906	2.665	ng/ul	97
13) Anthracene	17.16	178	6332	0.583	ng/ul	98
15) Fluoranthene	19.09	202	93453	5.483	ng/ul	95
17) Pyrene	19.45	202	87543	4.688	ng/ul	99
18) Benzo(a)anthracene	21.20	228	45541	2.802	ng/ul	99
19) Chrysene	21.26	228	52380	2.506	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	72713m	4.375	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	25465m	1.354	ng/ul	
23) Benzo(a)pyrene	23.33	252	48246	2.854	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.64	276	35005	1.734	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.64	278	8560	0.525	ng/ul	98
26) Benzo(g,h,i)perylene	26.31	276	34946	1.923	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022026.D
Acq On : 12 Aug 2019 11:37
Operator : HP/JU
Sample : K4028-10DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 12 14:22:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 14:07:26 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENZ2DL

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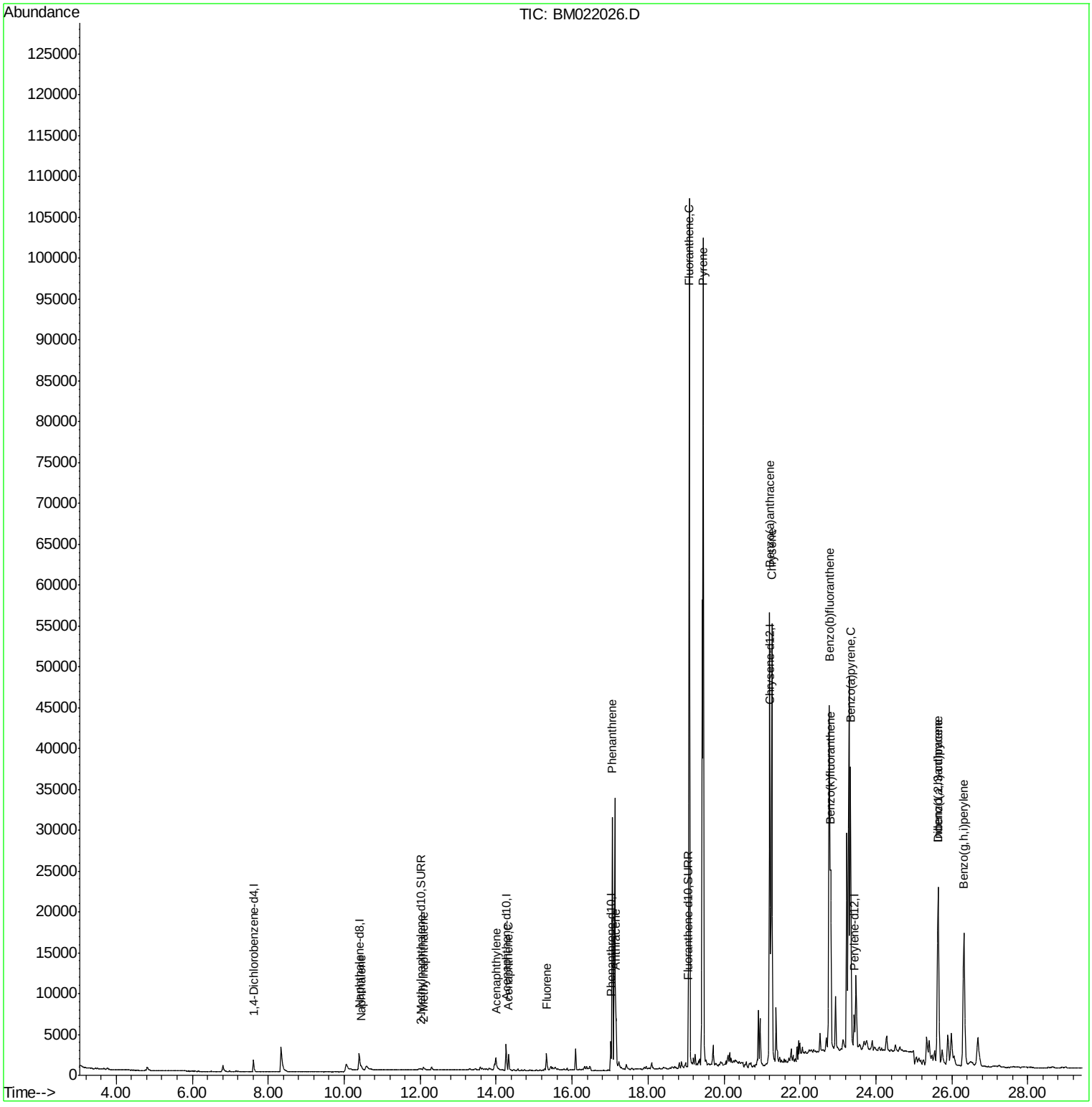

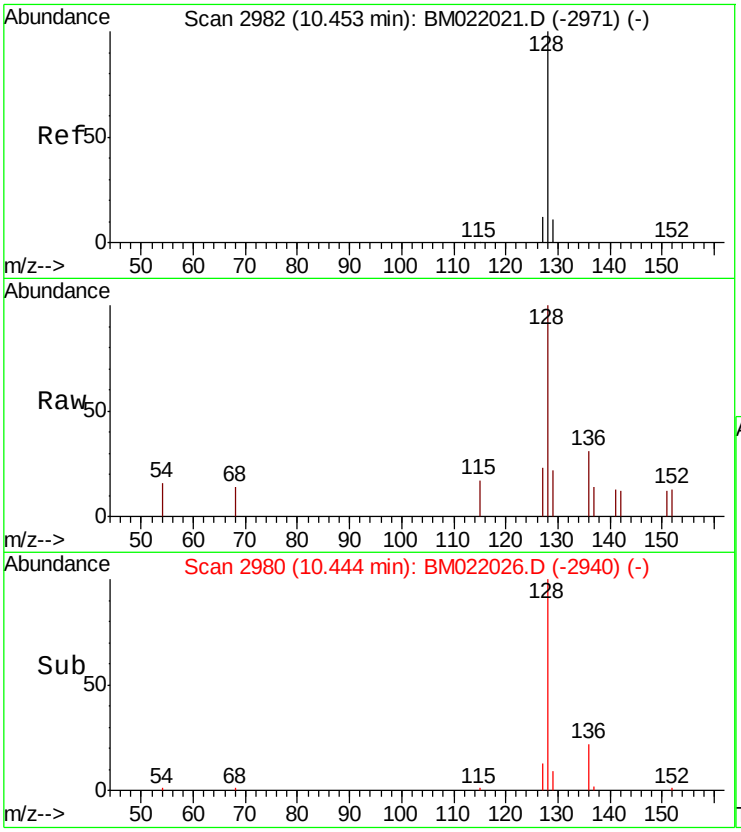

#3
Naphthalene
Concen: 0.080 ng/ul
RT: 10.44 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:128 Resp: 789

Ion	Ratio	Lower	Upper
128	100		
129	22.2	12.3	18.5#
127	22.9	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
BENZ2DL

Manual Integrations APPROVED
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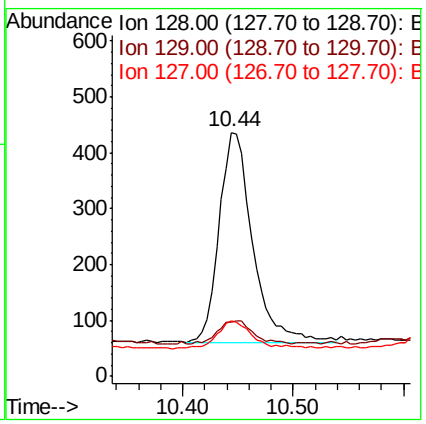
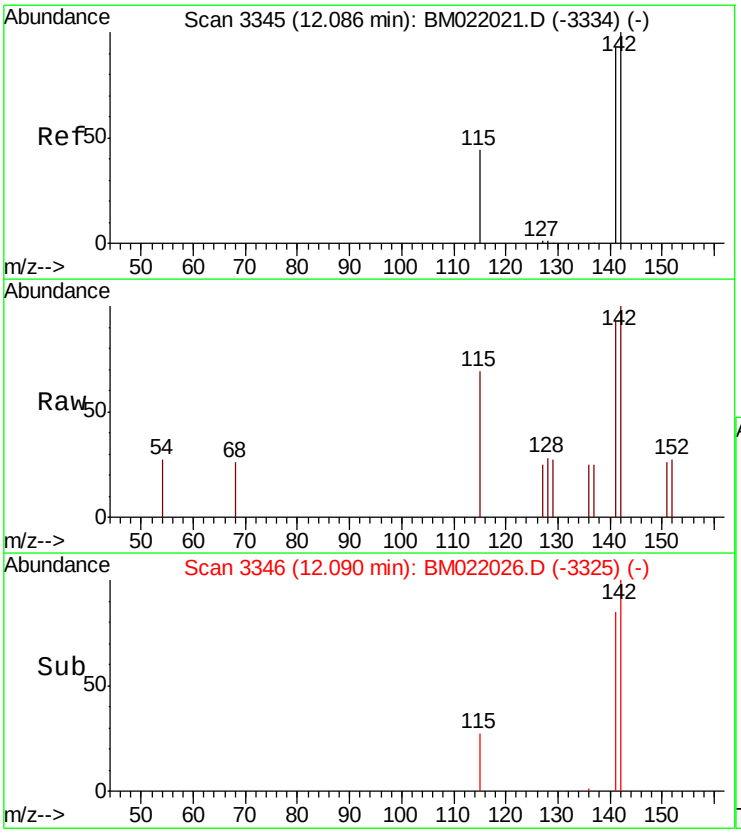
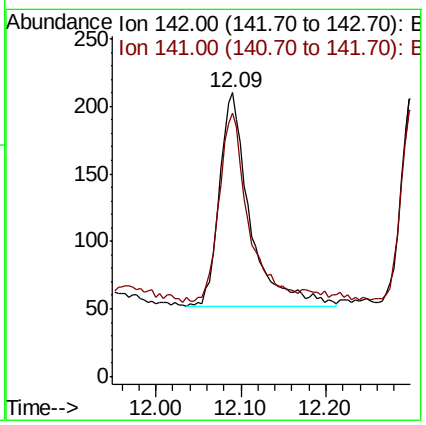


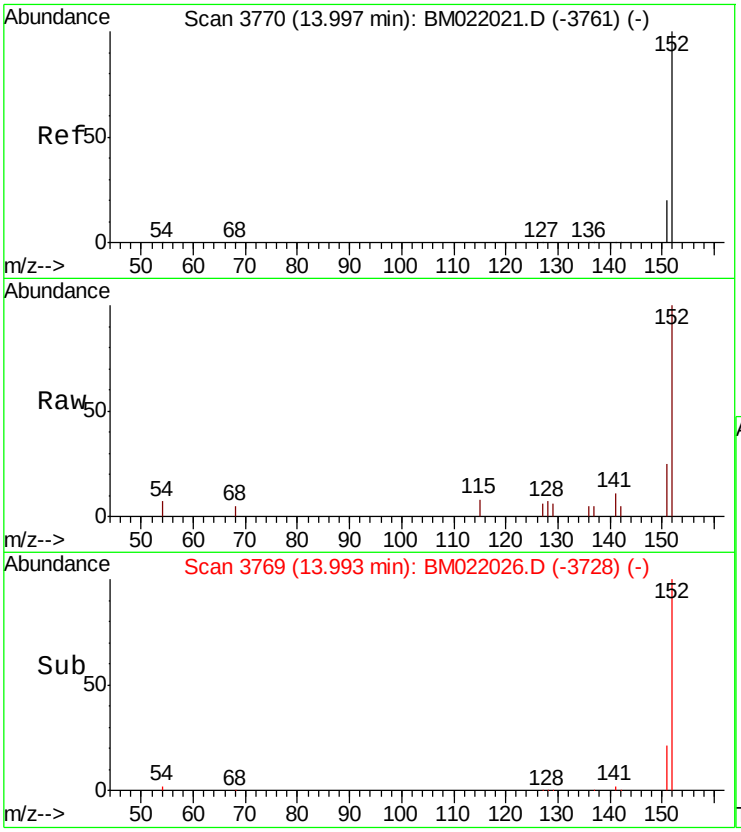


#5
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.09 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:142 Resp: 392

Ion	Ratio	Lower	Upper
142	100		
141	83.4	74.3	111.5





#7
Acenaphthylene
Concen: 0.225 ng/ul
RT: 13.99 min Scan# 3769
Delta R.T. -0.01 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:152 Resp: 2019

Ion	Ratio	Lower	Upper
152	100		
151	24.8	18.3	27.5
153	0.0	12.8	19.2#

Instrument :
BNA_M
ClientSampleId :
BENZ2DL

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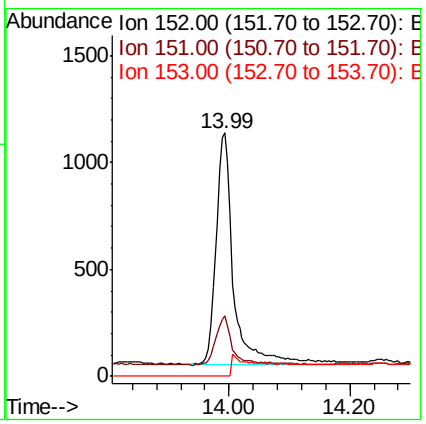
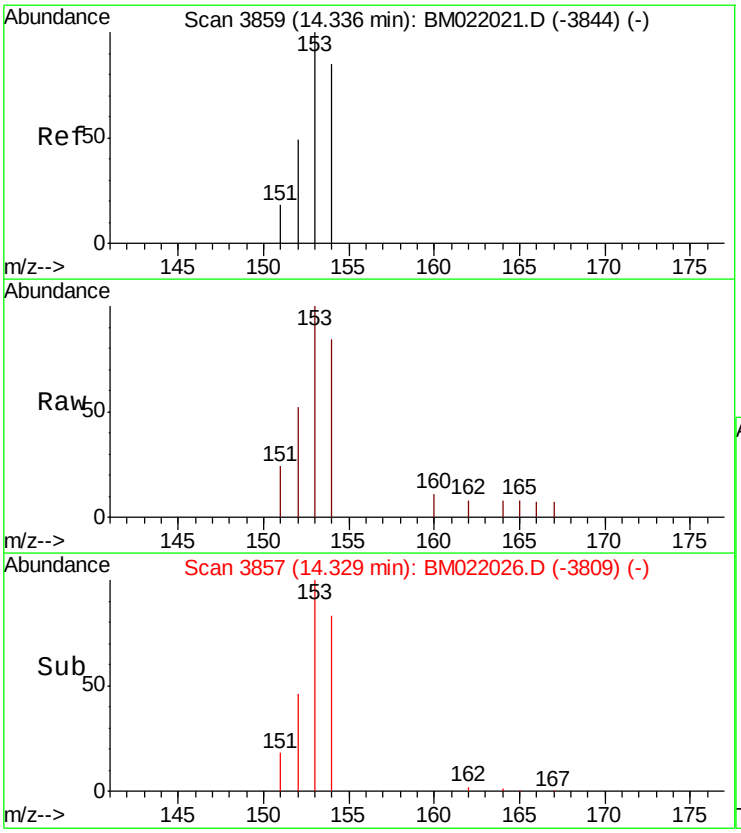
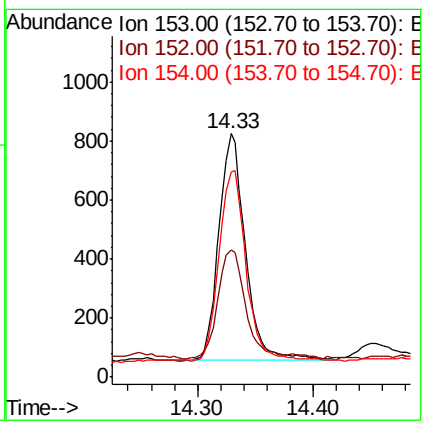


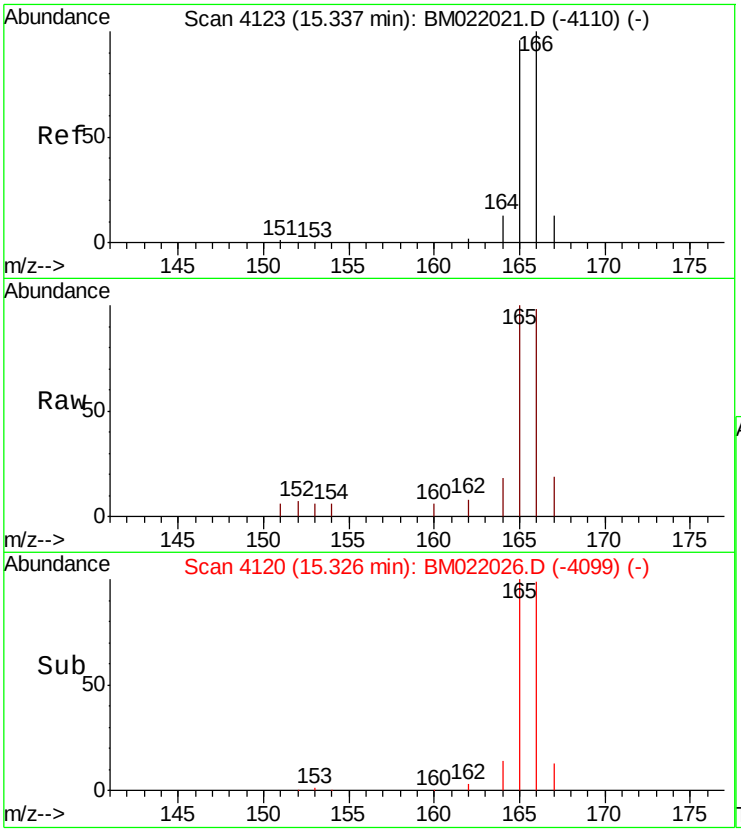


#8
Acenaphthene
Concen: 0.167 ng/ul
RT: 14.33 min Scan# 3857
Delta R.T. -0.02 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:153 Resp: 1231

Ion	Ratio	Lower	Upper
153	100		
152	52.2	41.3	61.9
154	84.2	72.3	108.5

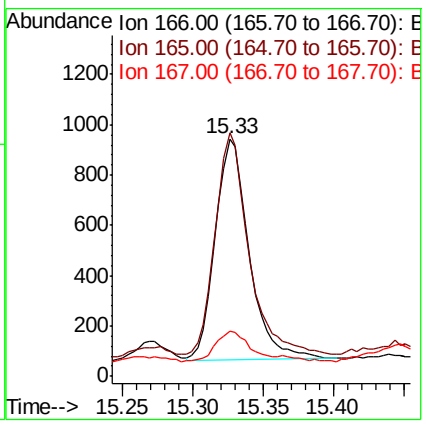




#9
Fluorene
Concen: 0.180 ng/ul
RT: 15.33 min Scan# 4120
Delta R.T. -0.02 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:166 Resp: 1473

Ion	Ratio	Lower	Upper
166	100		
165	102.4	81.4	122.0
167	19.0	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
BENZ2DL

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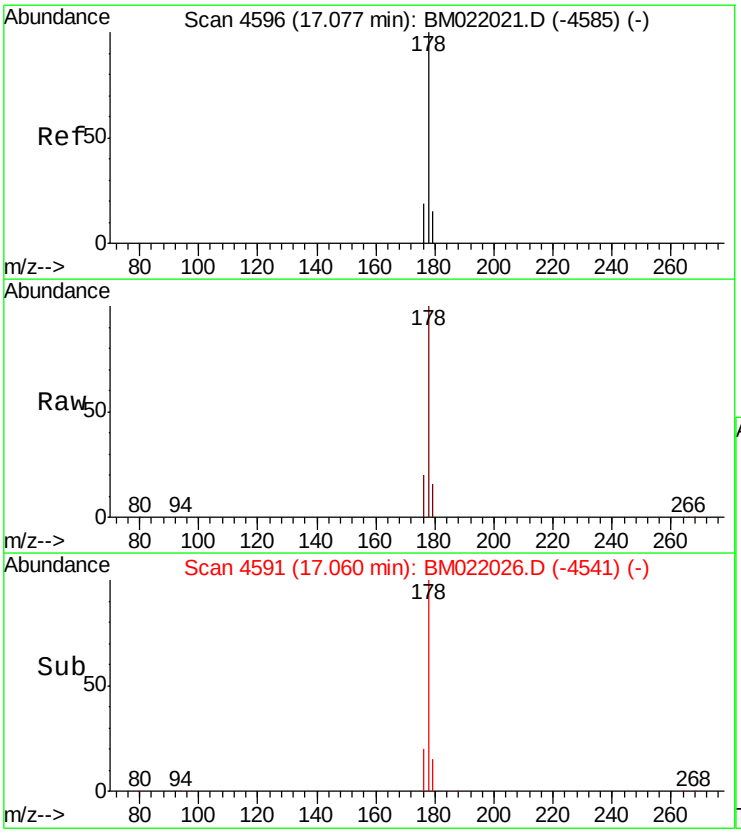
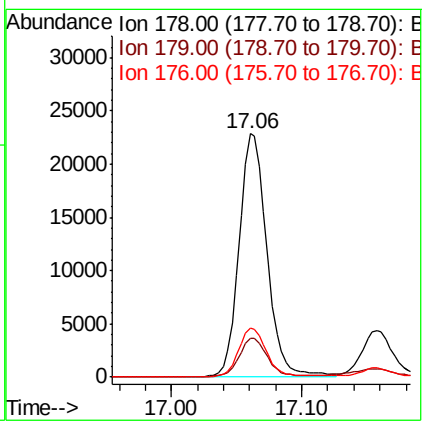
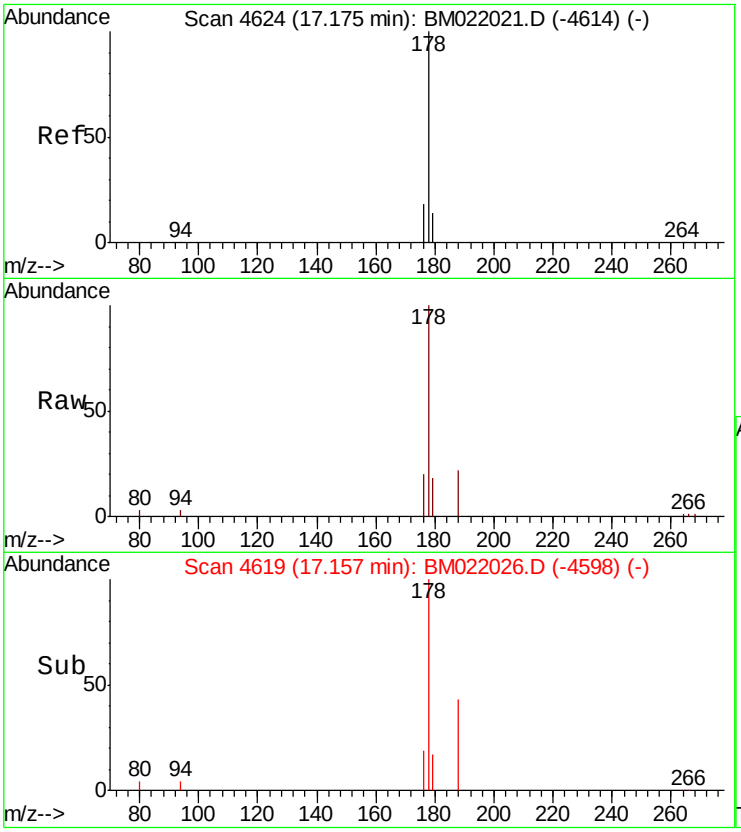


#12
Phenanthrene
Concen: 2.665 ng/ul
RT: 17.06 min Scan# 4591
Delta R.T. -0.03 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:178 Resp: 33906

Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.2	21.2
176	20.2	16.8	25.2

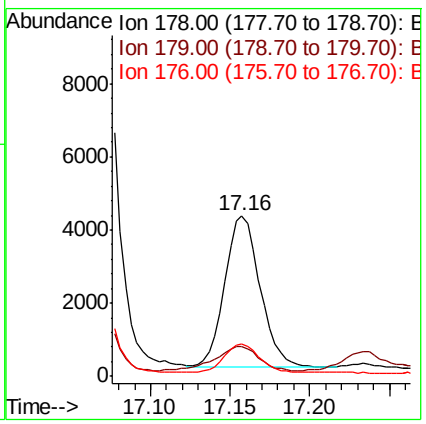




#13
Anthracene
Concen: 0.583 ng/ul
RT: 17.16 min Scan# 4619
Delta R.T. -0.03 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:178 Resp: 6332

Ion	Ratio	Lower	Upper
178	100		
179	18.2	15.5	23.3
176	20.0	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENZ2DL

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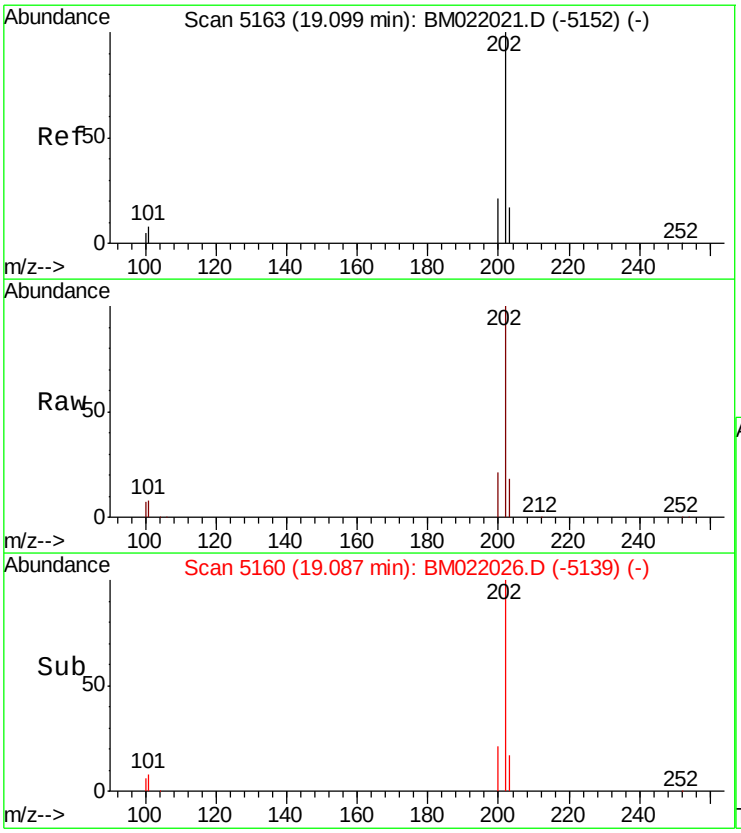
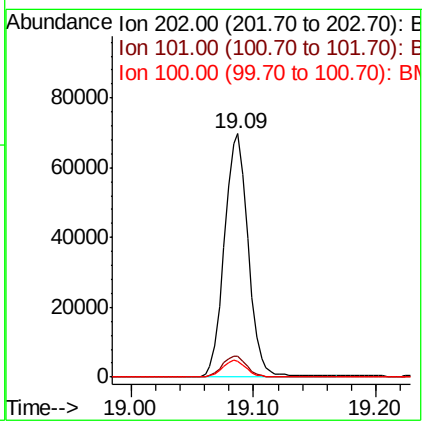
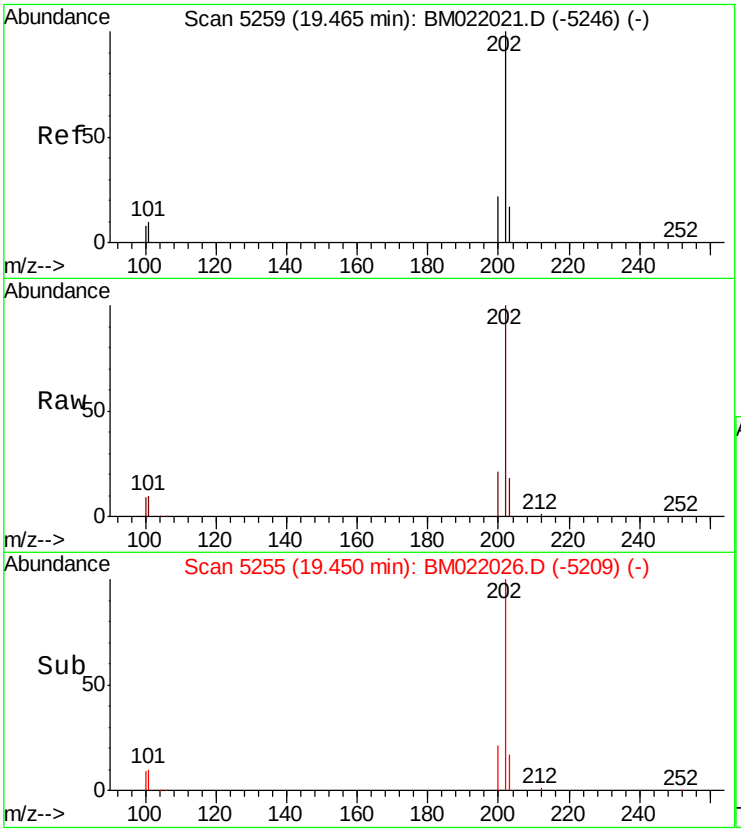


#15
Fluoranthene
Concen: 5.483 ng/ul
RT: 19.09 min Scan# 5160
Delta R.T. -0.02 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:202 Resp: 93453

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.2
100	6.5	0.0	28.1





#17
Pyrene
Concen: 4.688 ng/ul
RT: 19.45 min Scan# 5255
Delta R.T. -0.02 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:202 Resp: 87543

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.3	12.5
100	8.6	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
BENZ2DL

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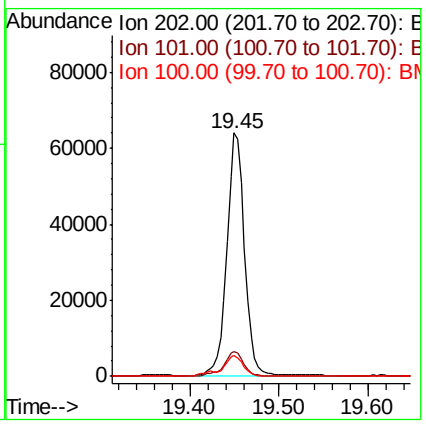
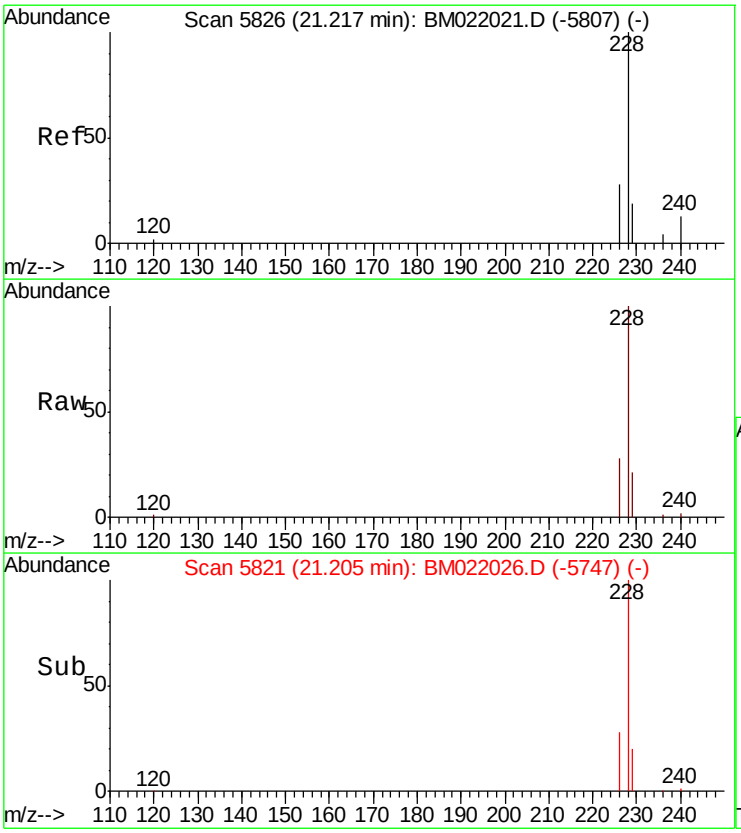
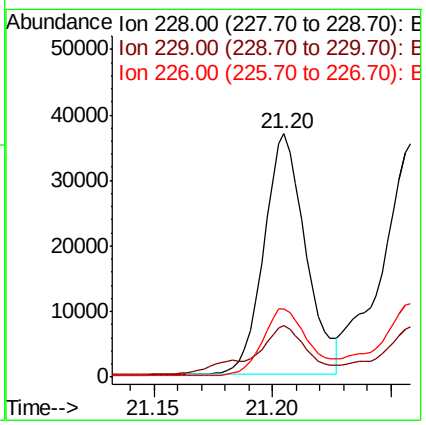


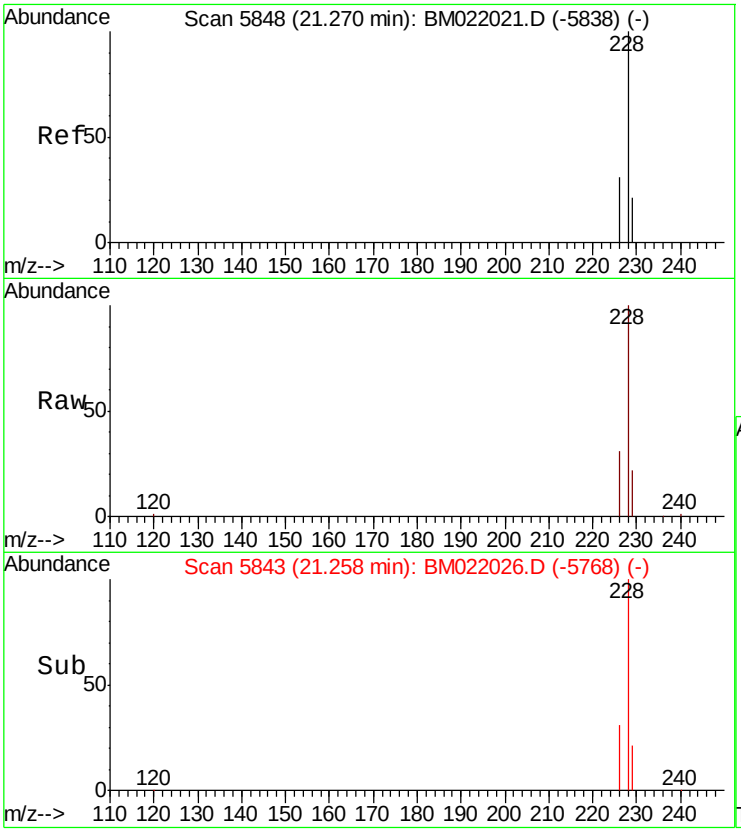


#18
Benzo(a)anthracene
Concen: 2.802 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.02 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:228 Resp: 45541

Ion	Ratio	Lower	Upper
228	100		
229	21.0	17.2	25.8
226	28.1	22.6	34.0

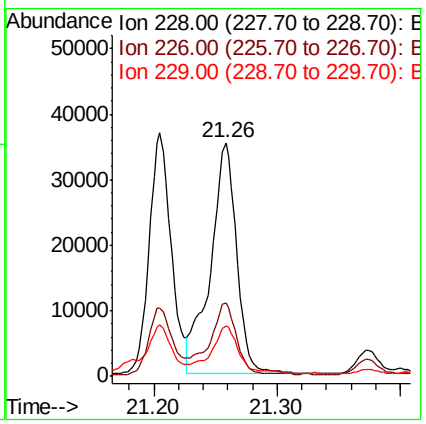




#19
Chrysene
Concen: 2.506 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. -0.02 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:228 Resp: 52380

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.6	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENZ2DL

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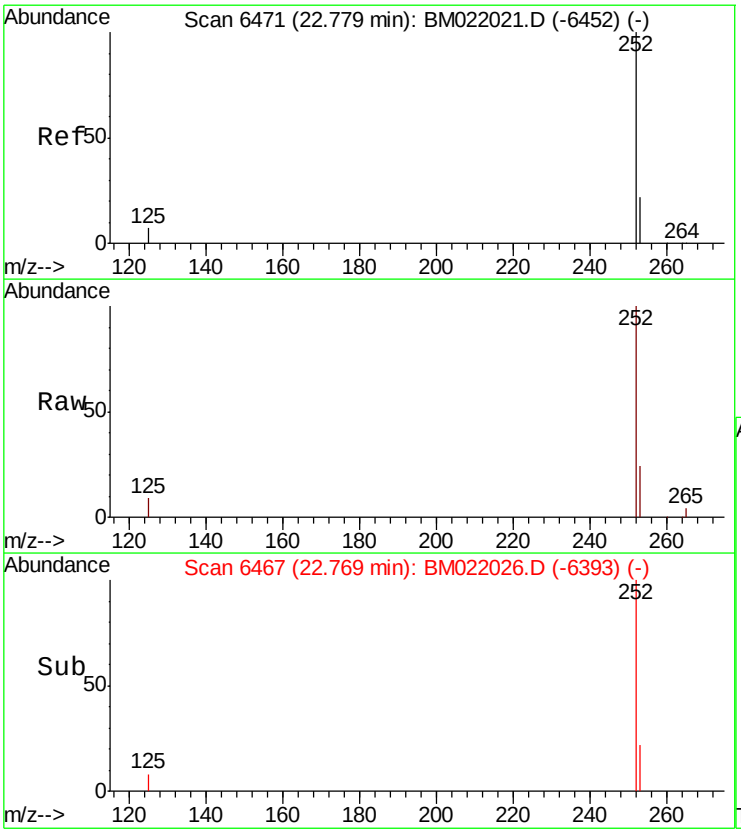
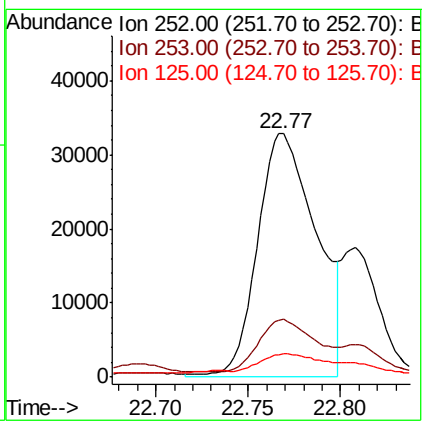
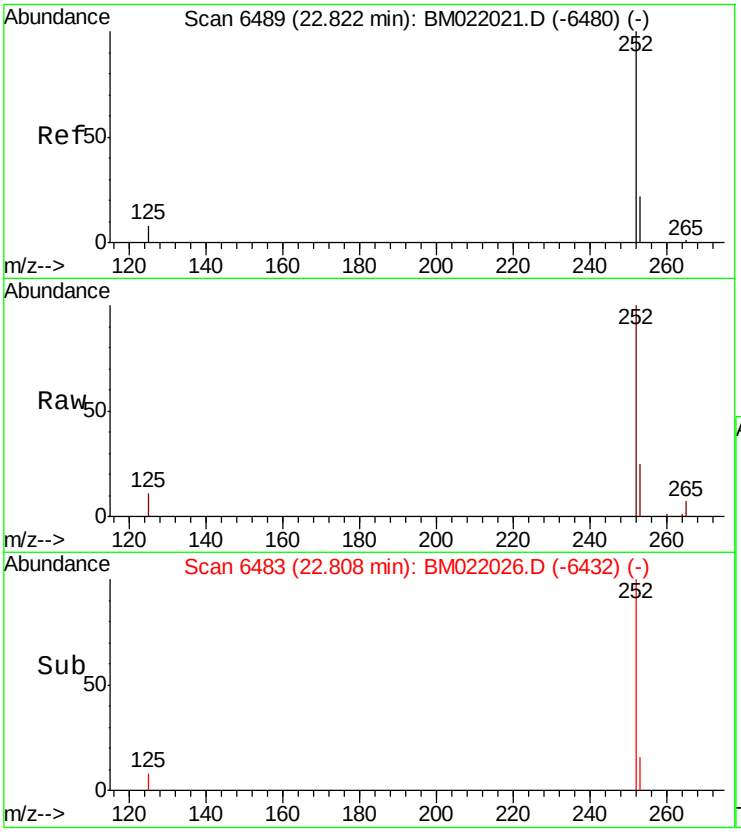


#21
Benzo(b)fluoranthene
Concen: 4.375 ng/ul m
RT: 22.77 min Scan# 6467
Delta R.T. -0.02 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:252 Resp: 72713

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	67.4
125	9.4	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 1.354 ng/ul m
RT: 22.81 min Scan# 6483
Delta R.T. -0.03 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:252 Resp: 25465

Ion	Ratio	Lower	Upper
252	100		
253	25.1	27.0	40.4#
125	10.8	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
BENZ2DL

Manual Integrations APPROVED
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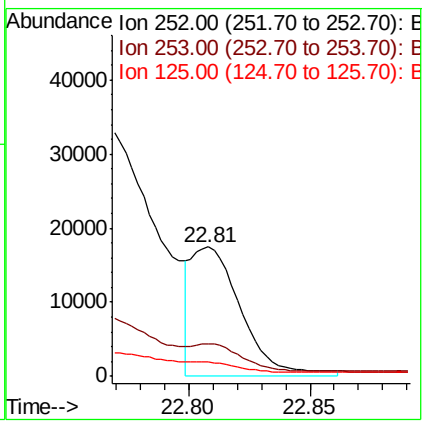
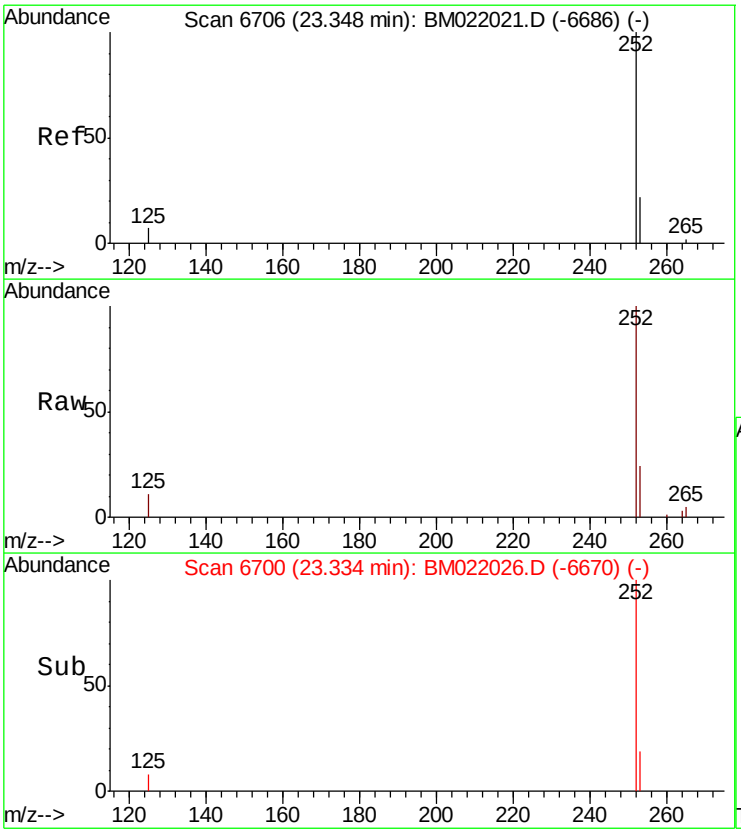
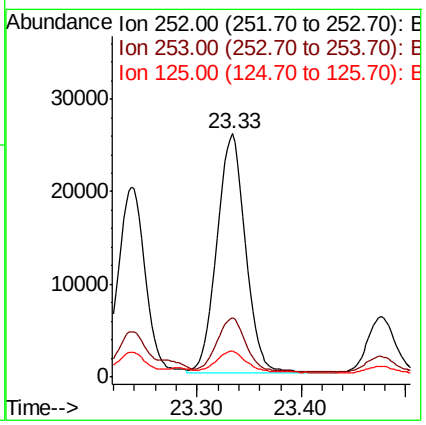


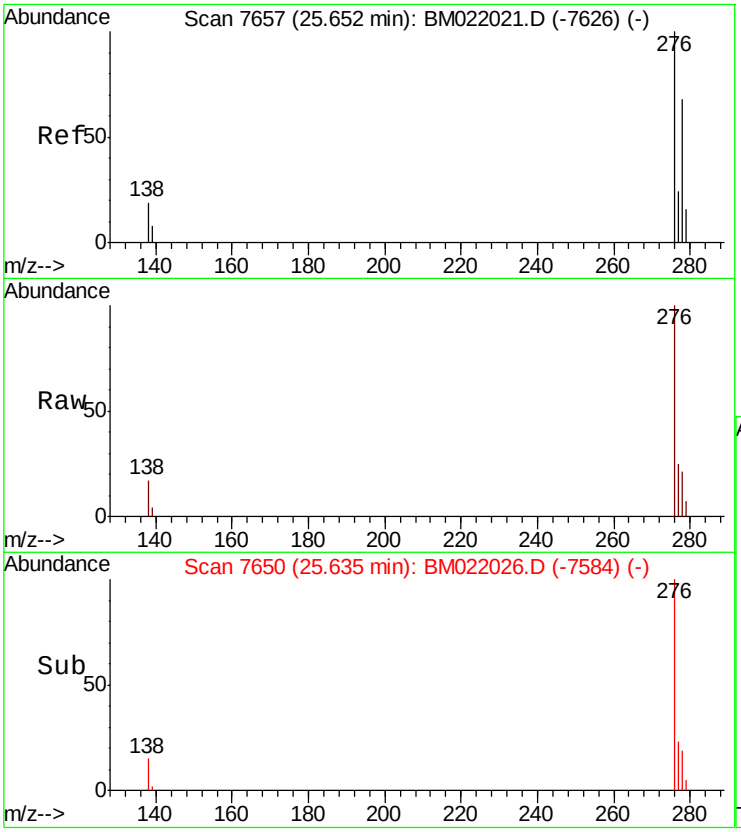


#23
Benzo(a)pyrene
Concen: 2.854 ng/ul
RT: 23.33 min Scan# 6700
Delta R.T. -0.03 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:252 Resp: 48246

Ion	Ratio	Lower	Upper
252	100		
253	24.4	31.7	47.5#
125	10.6	14.6	21.8#

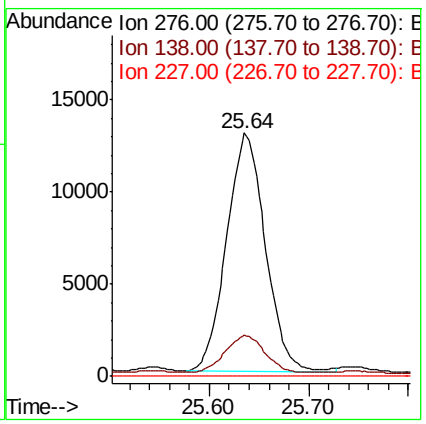




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.734 ng/ul
RT: 25.64 min Scan# 7650
Delta R.T. -0.04 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:276 Resp: 35005

Ion	Ratio	Lower	Upper
276	100		
138	16.0	15.1	22.7
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BENZ2DL

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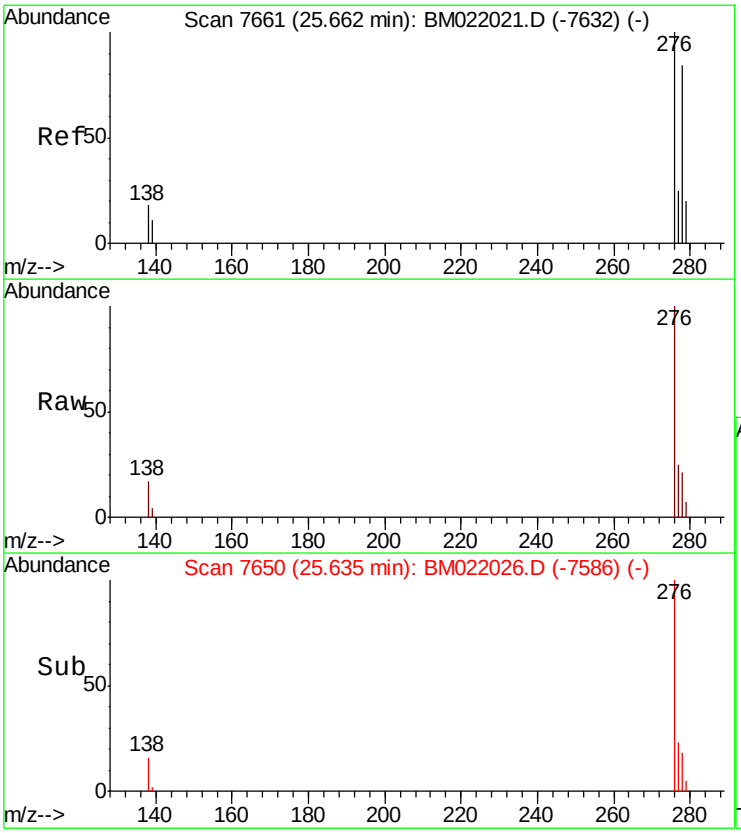
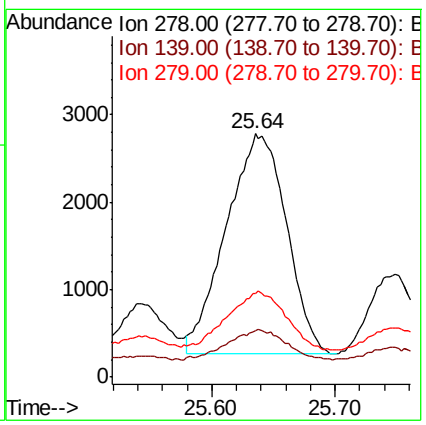
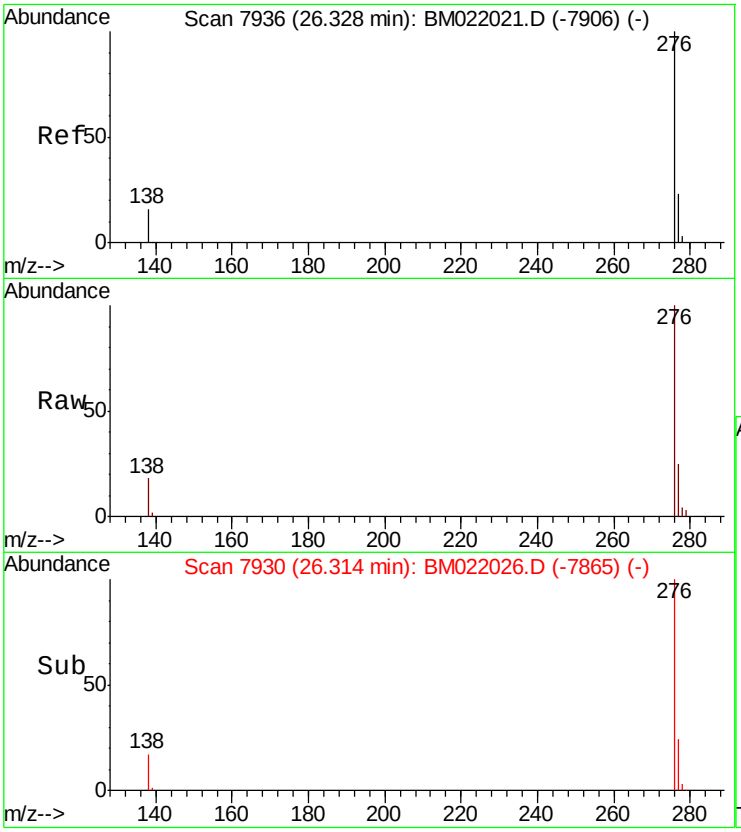


#25
Dibenzo(a,h)anthracene
Concen: 0.525 ng/ul
RT: 25.64 min Scan# 7650
Delta R.T. -0.05 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:278 Resp: 8560

Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.2	21.2
279	34.3	28.3	42.5

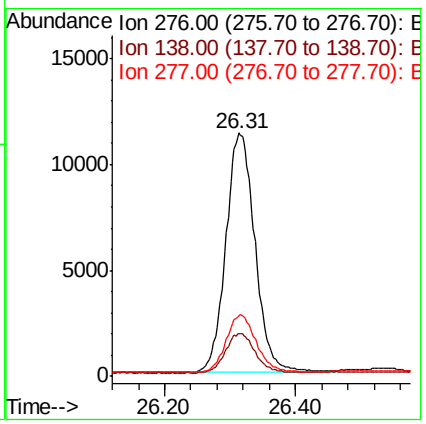




#26
Benzo(g,h,i)perylene
Concen: 1.923 ng/ul
RT: 26.31 min Scan# 7930
Delta R.T. -0.04 min
Lab File: BM022026.D
Acq: 12 Aug 2019 11:37

Tgt Ion:276 Resp: 34946

Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.5	23.3
277	24.9	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENZ2DL

Manual Integrations APPROVED
Sohil
8/13/2019 9:56:13 AM