Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022024.D
Acq On : 12 Aug 2019 10:24
Operator : HP/JU
Sample : K4028-06DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BENY8DL

Manual Integrations APPROVED
Sohil
8/13/2019 9:57:00 AM

Quant Time: Aug 12 14:19:01 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 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	745	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	3099	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1684	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	3778	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3915	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	4227	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	232	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	680	0.05	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.45	128	641	0.073	ng/ul#	81
5) 2-Methylnaphthalene	12.09	142	337	0.058	ng/ul	91
7) Acenaphthylene	13.99	152	2460	0.313	ng/ul#	84
8) Acenaphthene	14.33	153	1334	0.208	ng/ul	98
9) Fluorene	15.33	166	1598	0.224	ng/ul	99
12) Phenanthrene	17.06	178	40122	3.650	ng/ul	97
13) Anthracene	17.16	178	7312	0.780	ng/ul	98
15) Fluoranthene	19.08	202	120026	8.151	ng/ul	96
17) Pyrene	19.45	202	110971	6.898	ng/ul	98
18) Benzo(a)anthracene	21.21	228	56060	4.003	ng/ul	99
19) Chrysene	21.26	228	66866	3.713	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	92275m	6.474	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	35382m	2.193	ng/ul	
23) Benzo(a)pyrene	23.33	252	61490	4.242	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.64	276	45806	2.646	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.64	278	10993	0.786	ng/ul	95
26) Benzo(g,h,i)perylene	26.32	276	46762	3.001	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 : BM022024.D
Acq On : 12 Aug 2019 10:24
Operator : HP/JU
Sample : K4028-06DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 12 14:19:01 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 14:06:59 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENY8DL

Manual Integrations APPROVED
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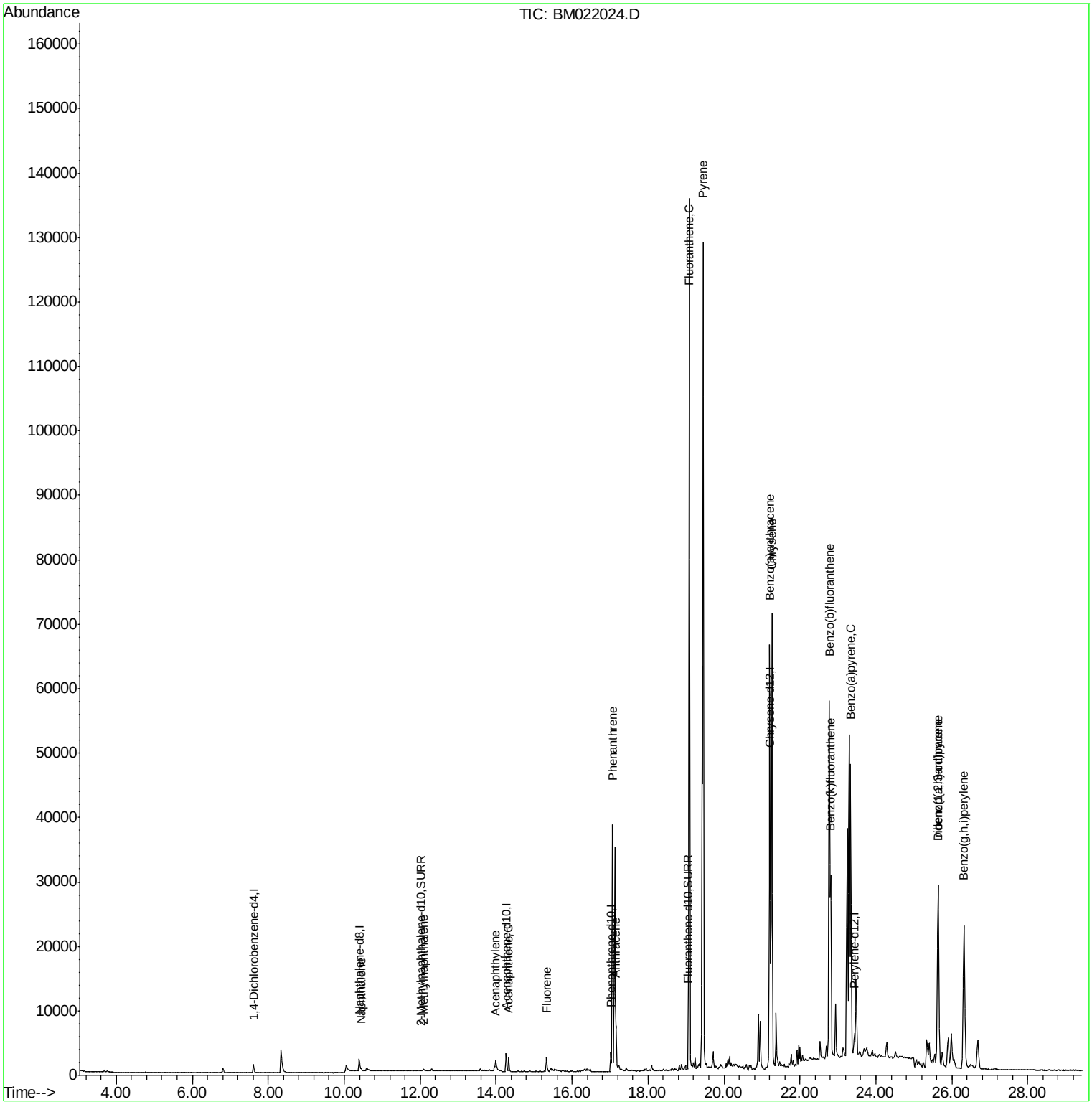

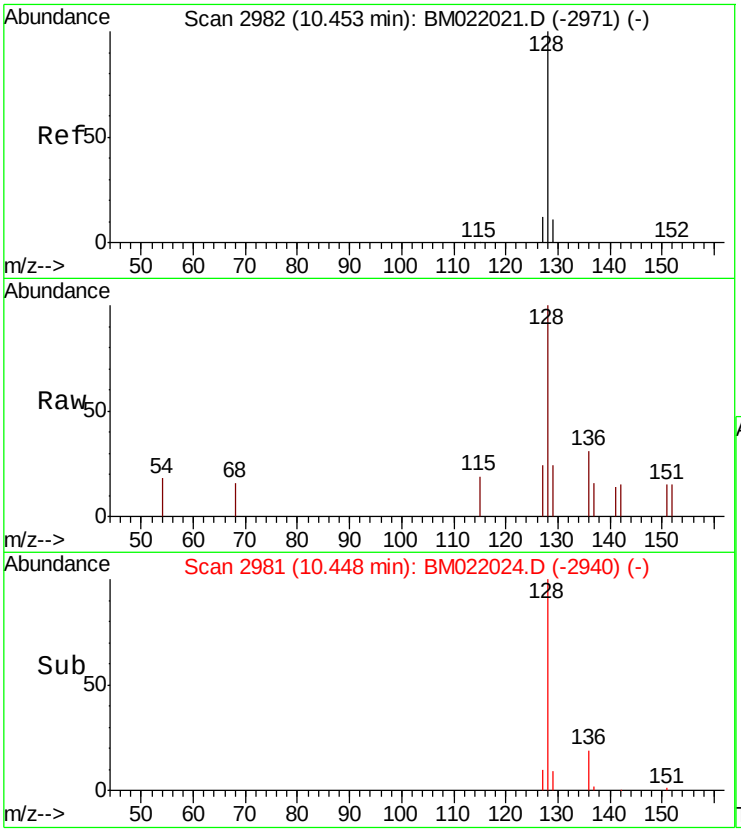

#3
Naphthalene
Concen: 0.073 ng/ul
RT: 10.45 min Scan# 2981
Delta R.T. -0.02 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:128 Resp: 641

Ion	Ratio	Lower	Upper
128	100		
129	24.1	12.3	18.5#
127	23.6	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
BENY8DL

Manual Integrations APPROVED
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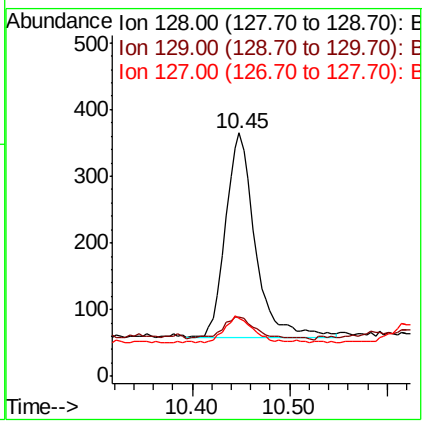
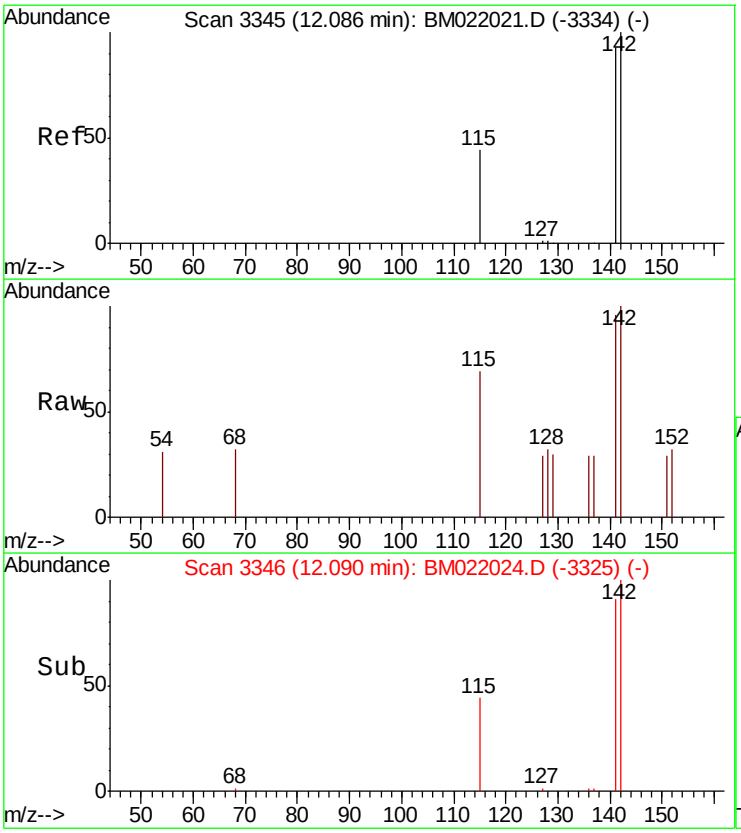
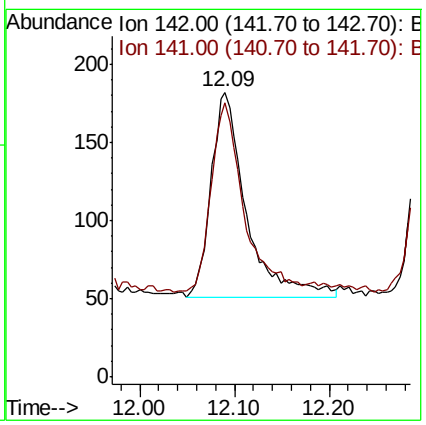


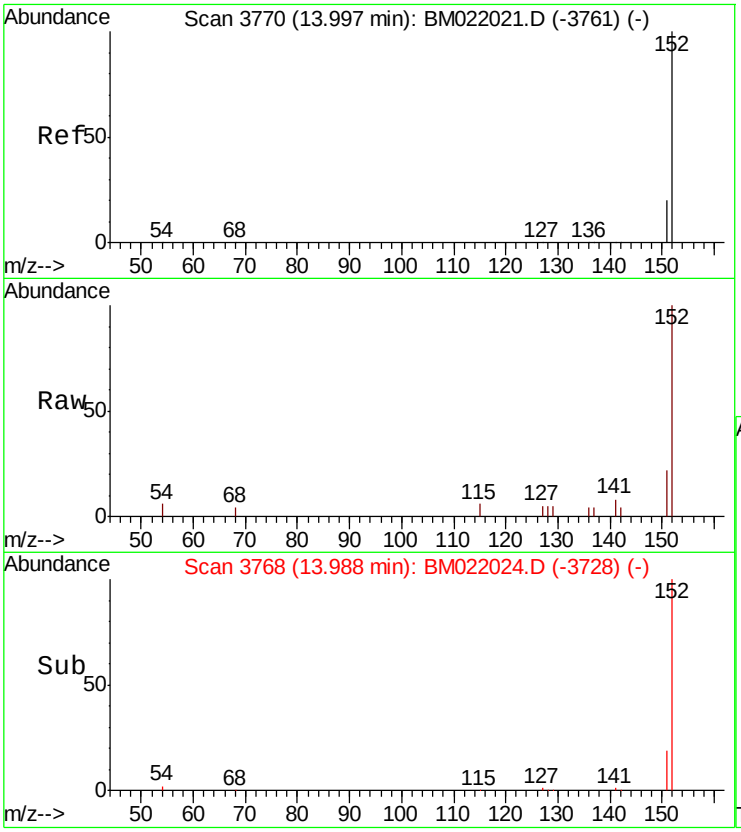


#5
2-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.09 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:142 Resp: 337

Ion	Ratio	Lower	Upper
142	100		
141	84.3	74.3	111.5

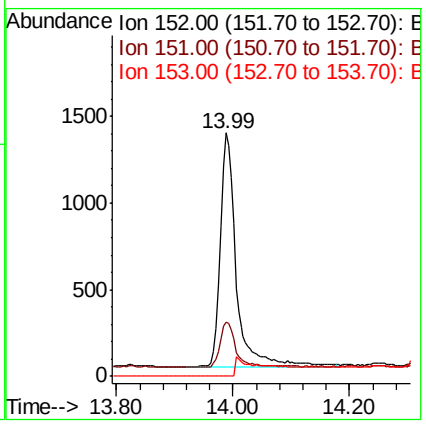




#7
Acenaphthylene
Concen: 0.313 ng/ul
RT: 13.99 min Scan# 3768
Delta R.T. -0.02 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:152 Resp: 2460

Ion	Ratio	Lower	Upper
152	100		
151	22.5	18.3	27.5
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
BENY8DL

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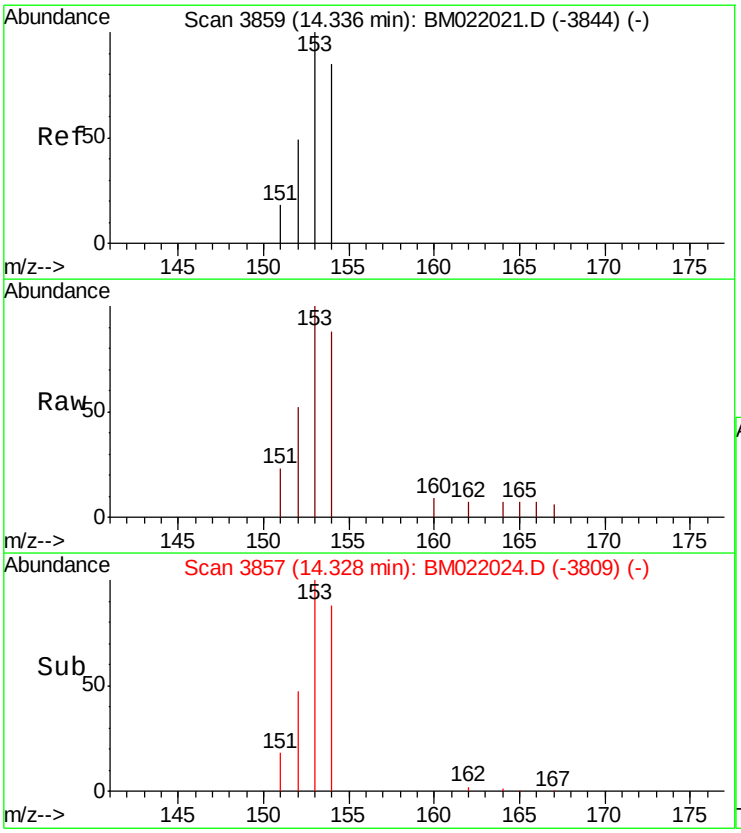
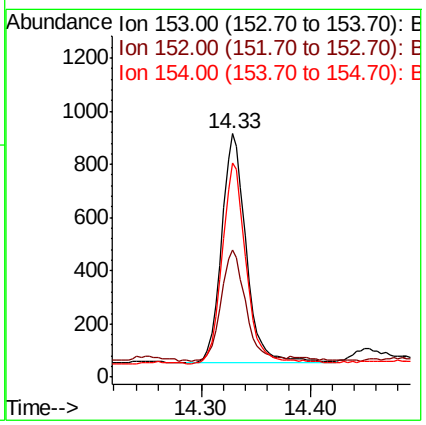
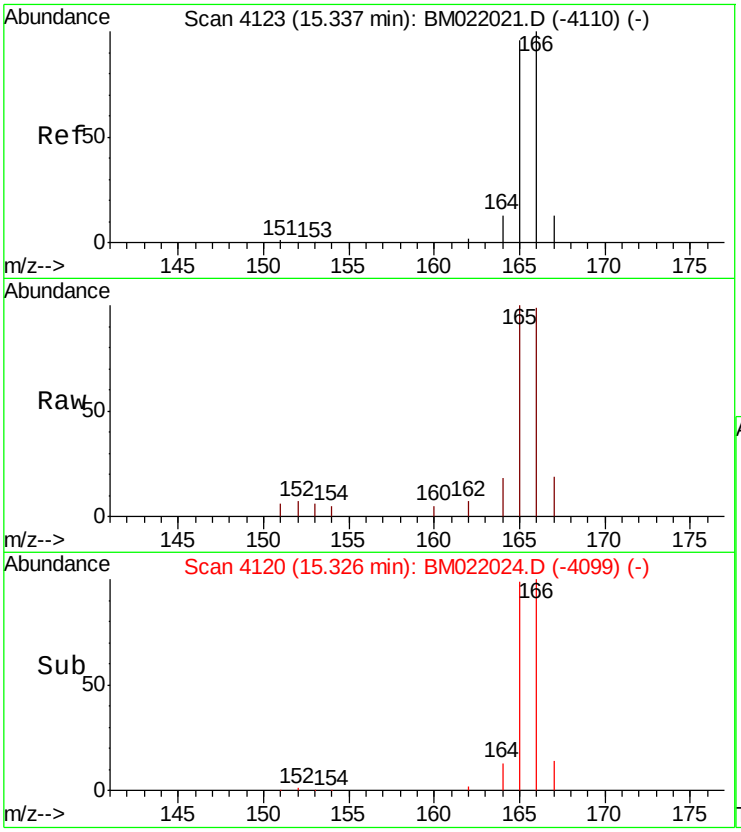


#8
Acenaphthene
Concen: 0.208 ng/ul
RT: 14.33 min Scan# 3857
Delta R.T. -0.02 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:153 Resp: 1334

Ion	Ratio	Lower	Upper
153	100		
152	52.1	41.3	61.9
154	88.1	72.3	108.5

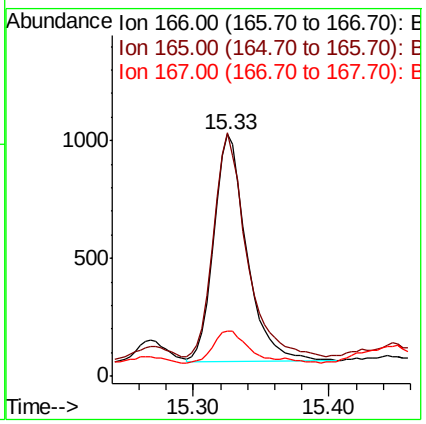




#9
Fluorene
Concen: 0.224 ng/ul
RT: 15.33 min Scan# 4120
Delta R.T. -0.02 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:166 Resp: 1598

Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.4	122.0
167	18.7	13.7	20.5



Instrument :
BNA_M
ClientSampleId :
BENY8DL

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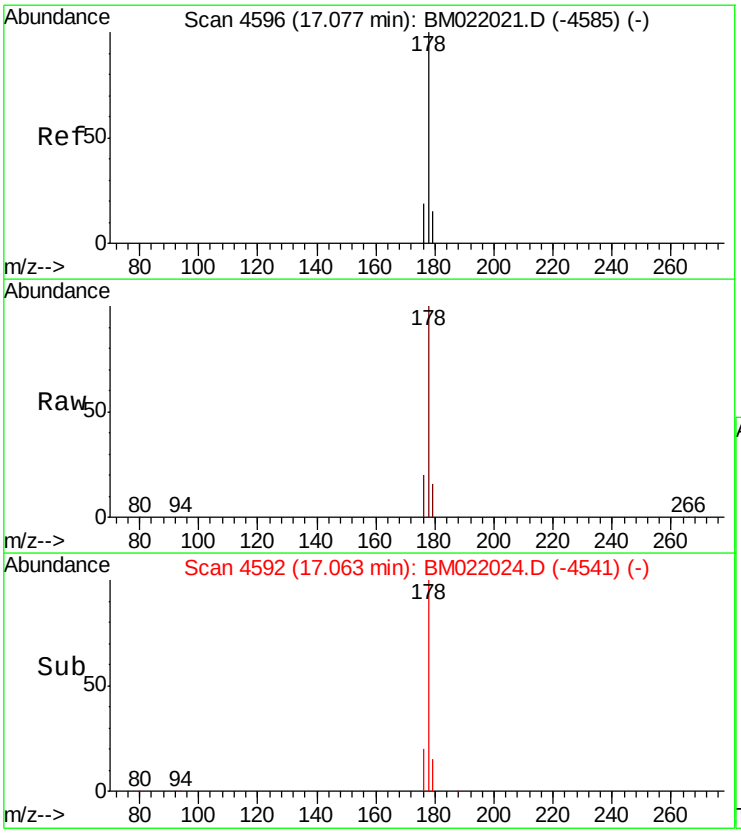
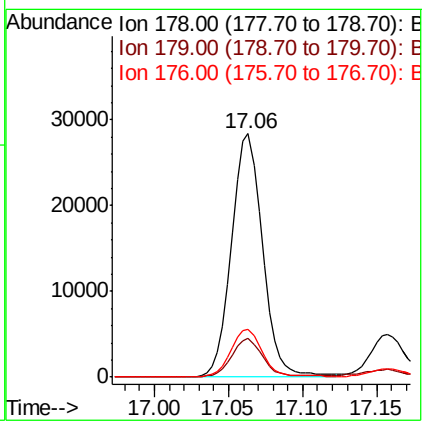
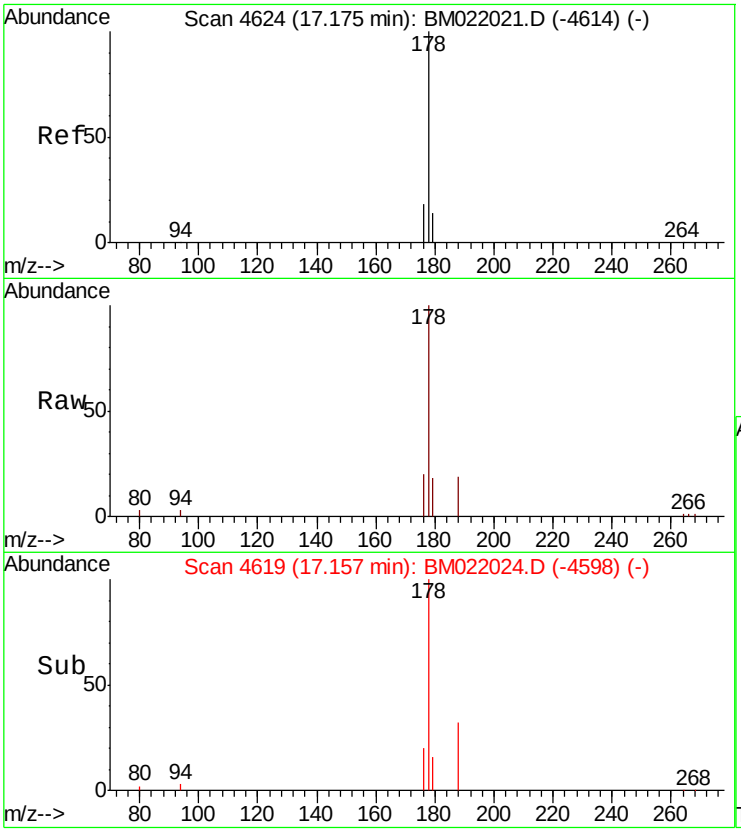


#12
Phenanthrene
Concen: 3.650 ng/ul
RT: 17.06 min Scan# 4592
Delta R.T. -0.02 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:178 Resp: 40122

Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.2	21.2
176	19.8	16.8	25.2

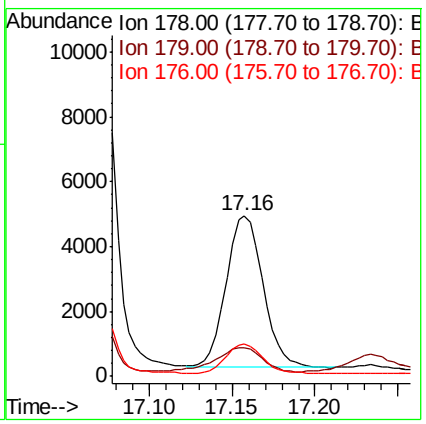




#13
Anthracene
Concen: 0.780 ng/ul
RT: 17.16 min Scan# 4619
Delta R.T. -0.03 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:178 Resp: 7312

Ion	Ratio	Lower	Upper
178	100		
179	17.6	15.5	23.3
176	20.4	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENY8DL

Manual Integrations APPROVED
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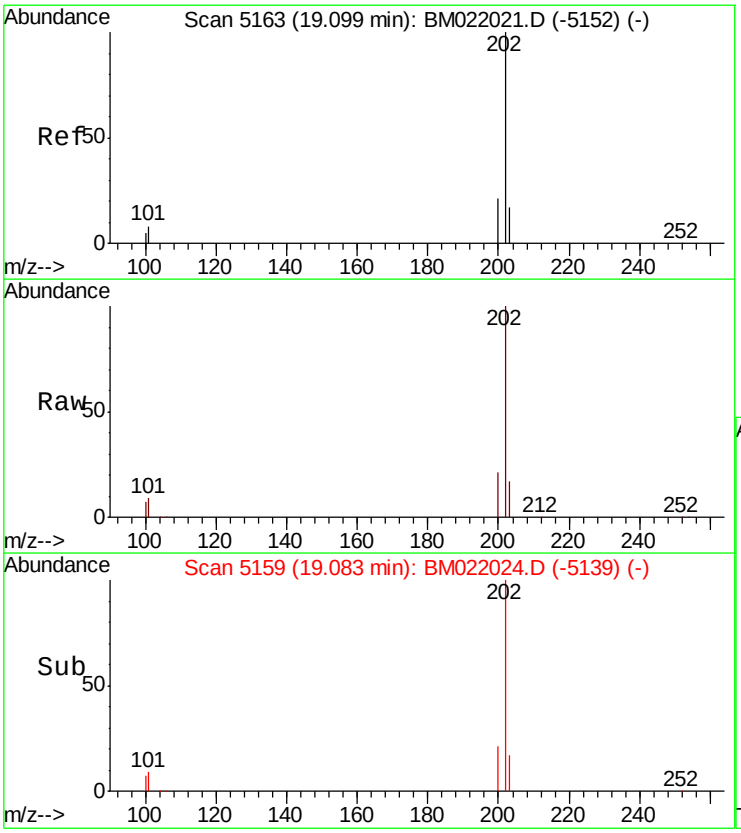
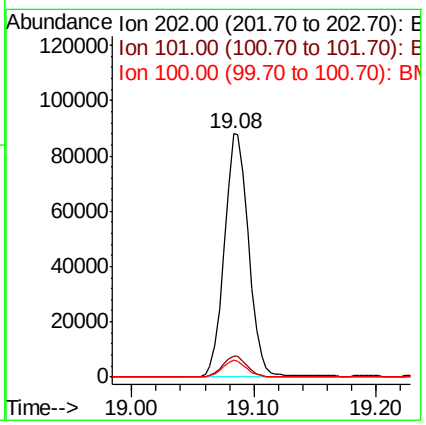
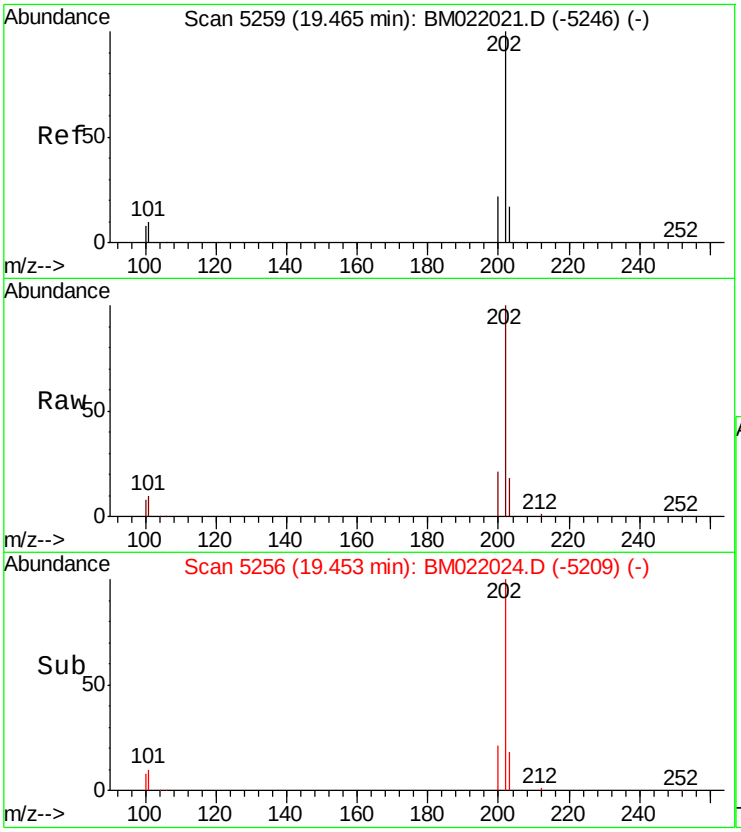


#15
Fluoranthene
Concen: 8.151 ng/ul
RT: 19.08 min Scan# 5159
Delta R.T. -0.02 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:202 Resp: 120026

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.2
100	6.9	0.0	28.1

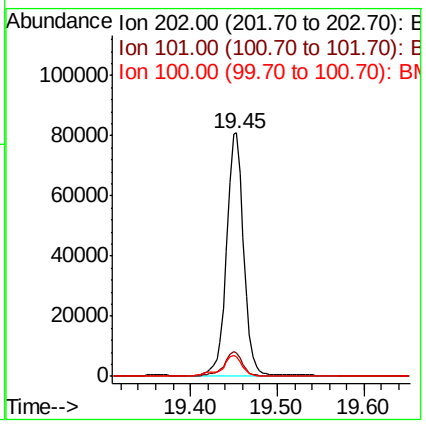




#17
Pyrene
Concen: 6.898 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.02 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:202 Resp: 110971

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.3	12.5
100	7.9	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
BENY8DL

Manual Integrations APPROVED
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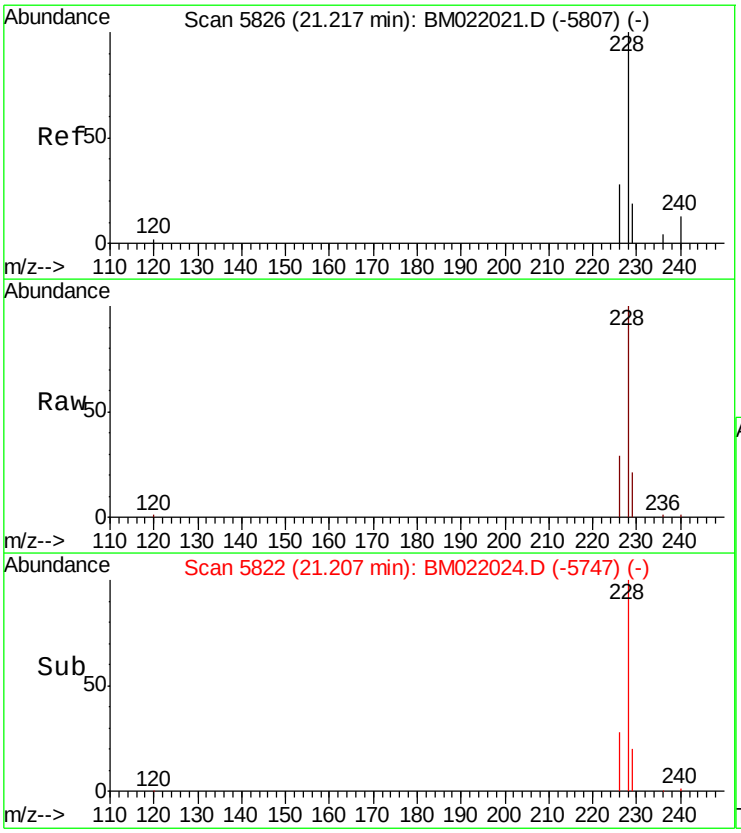
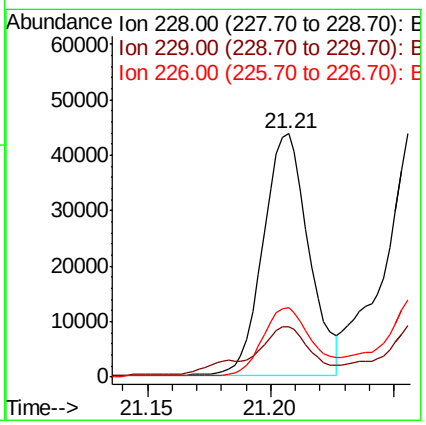
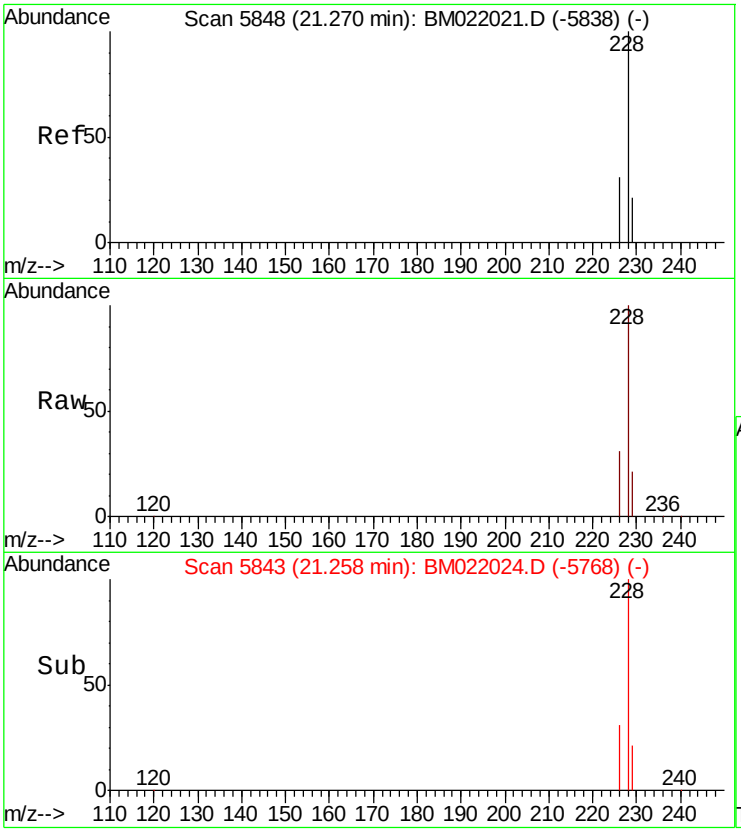


#18
Benzo(a)anthracene
Concen: 4.003 ng/ul
RT: 21.21 min Scan# 5822
Delta R.T. -0.02 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:228 Resp: 56060

Ion	Ratio	Lower	Upper
228	100		
229	20.8	17.2	25.8
226	28.6	22.6	34.0

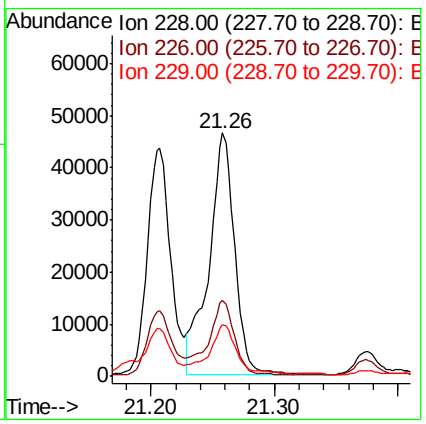




#19
Chrysene
Concen: 3.713 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. -0.02 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:228 Resp: 66866

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.3	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BENY8DL

Manual Integrations APPROVED
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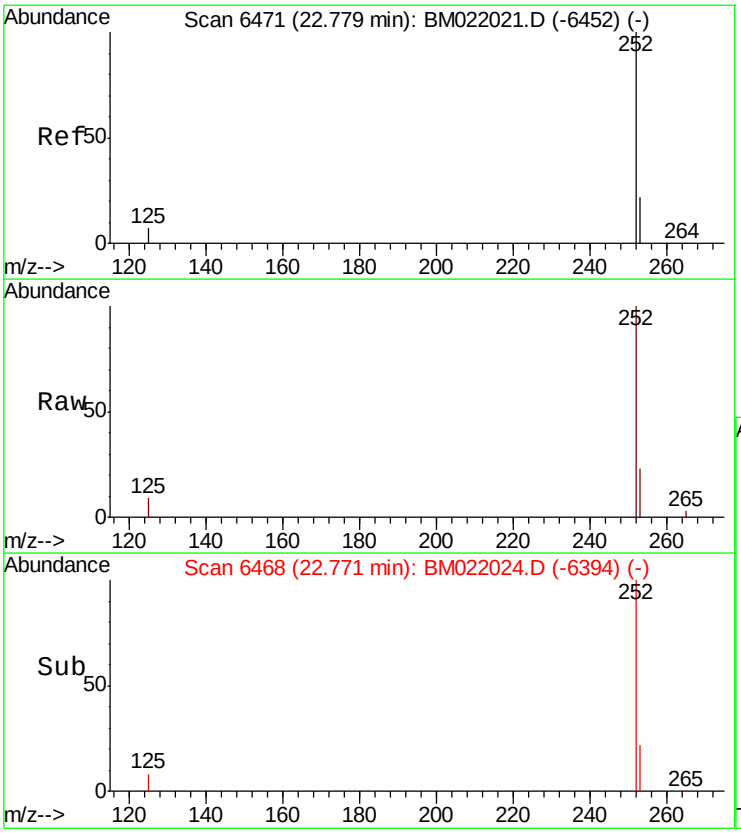
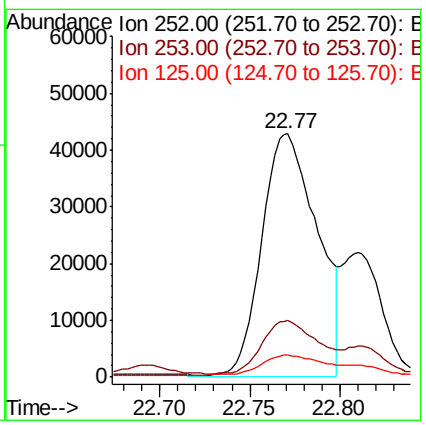
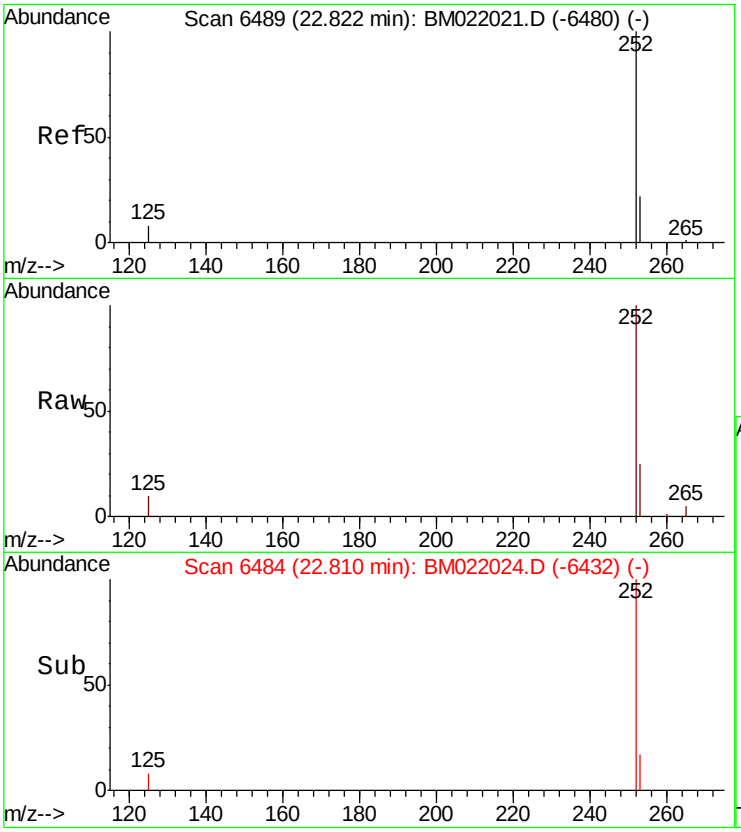


#21
Benzo(b)fluoranthene
Concen: 6.474 ng/ul m
RT: 22.77 min Scan# 6468
Delta R.T. -0.02 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:252 Resp: 92275

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	67.4
125	8.9	0.0	31.0





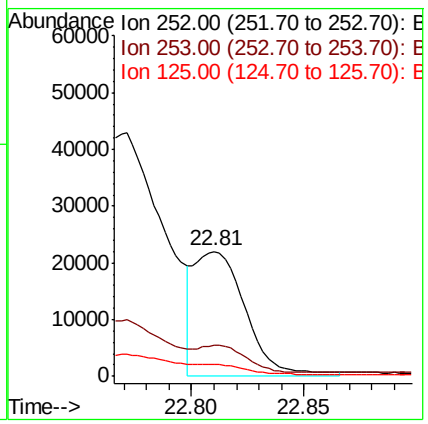
#22
Benzo(k)fluoranthene
Concen: 2.193 ng/ul m
RT: 22.81 min Scan# 6484
Delta R.T. -0.02 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

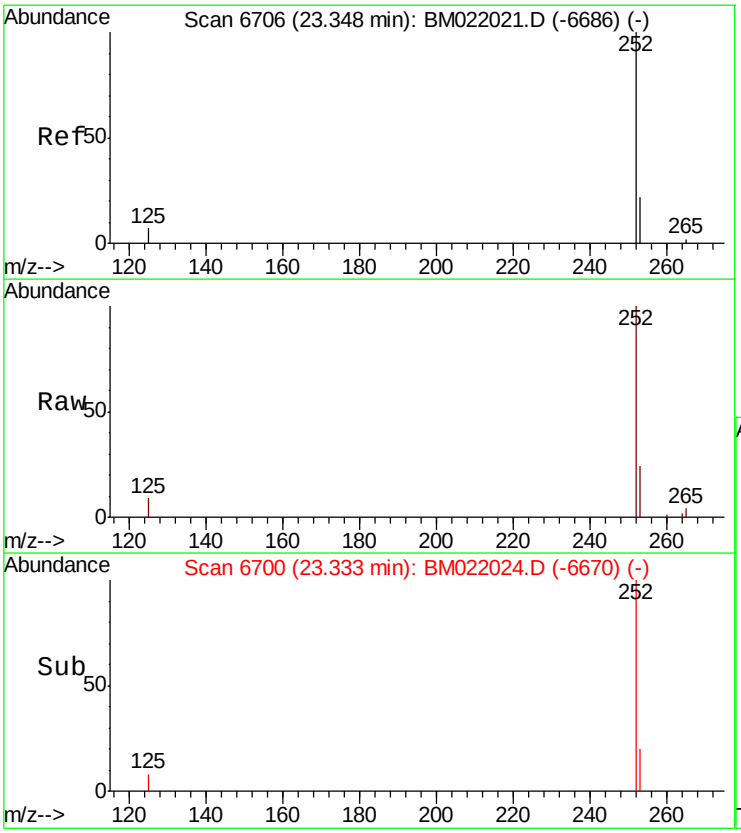
Tgt Ion:252 Resp: 35382

Ion	Ratio	Lower	Upper
252	100		
253	24.8	27.0	40.4#
125	9.7	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
BENY8DL

Manual Integrations APPROVED
Sohil
8/13/2019 9:57:00 AM

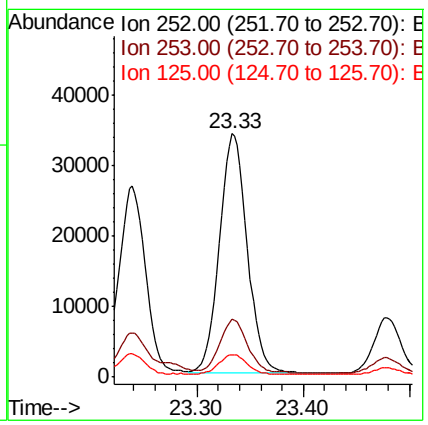


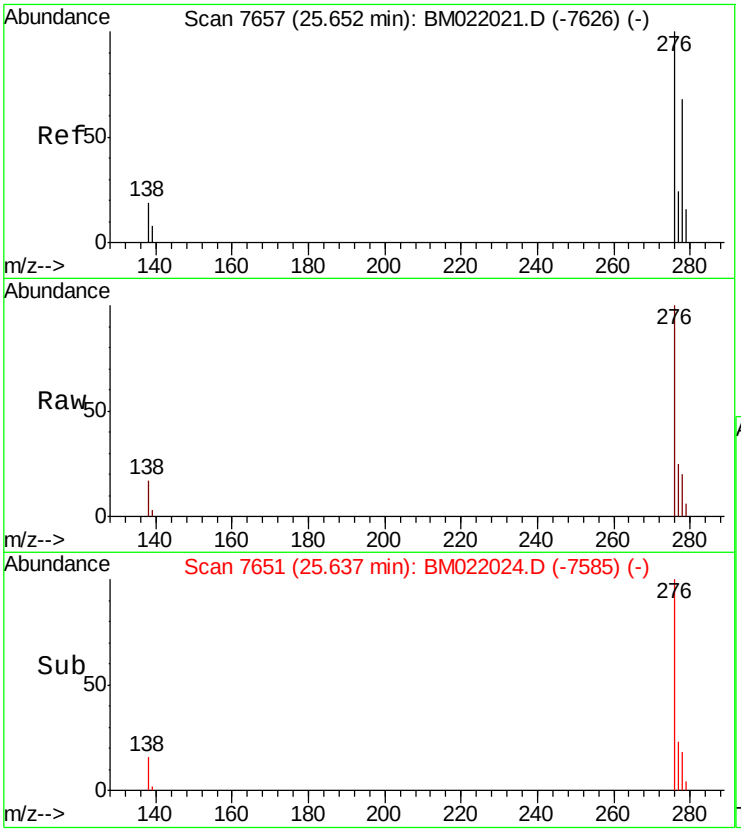


#23
Benzo(a)pyrene
Concen: 4.242 ng/ul
RT: 23.33 min Scan# 6700
Delta R.T. -0.03 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:252 Resp: 61490

Ion	Ratio	Lower	Upper
252	100		
253	23.6	31.7	47.5#
125	9.3	14.6	21.8#

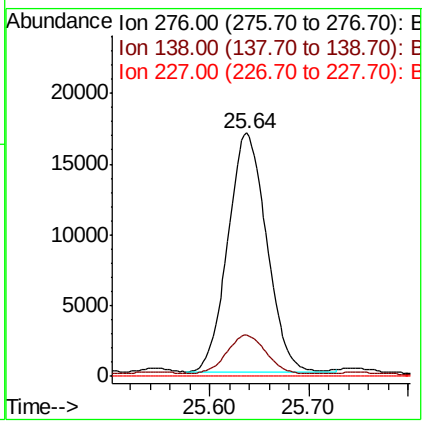




#24
Indeno(1,2,3-cd)pyrene
Concen: 2.646 ng/ul
RT: 25.64 min Scan# 7651
Delta R.T. -0.04 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:276 Resp: 45806

Ion	Ratio	Lower	Upper
276	100		
138	16.5	15.1	22.7
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BENY8DL

Manual Integrations APPROVED
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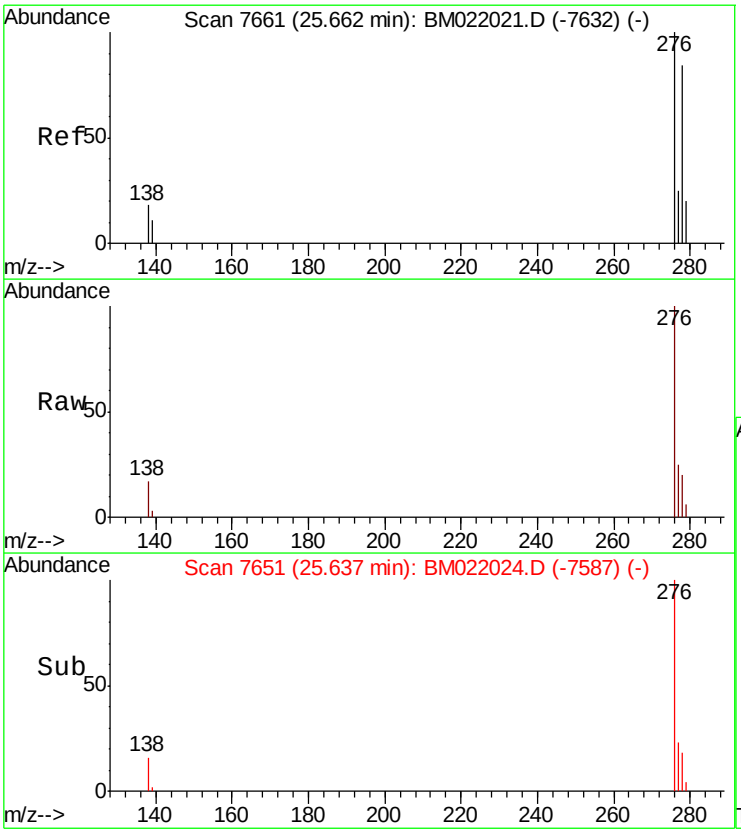
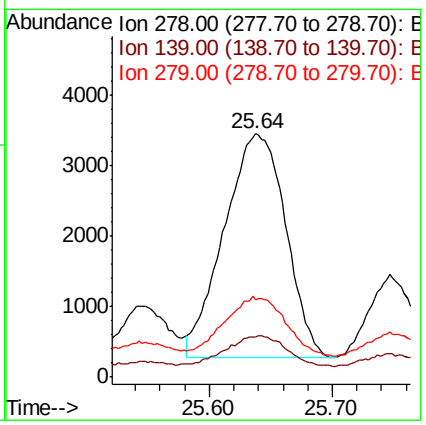
8/13/2019 9:57:00 AM

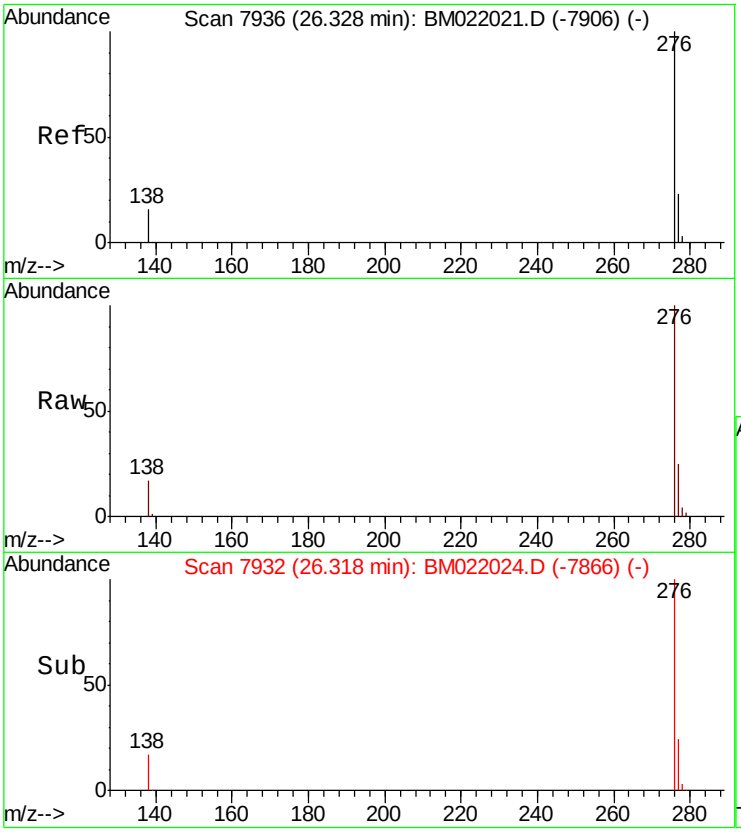


#25
Dibenzo(a,h)anthracene
Concen: 0.786 ng/ul
RT: 25.64 min Scan# 7651
Delta R.T. -0.04 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:278 Resp: 10993

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.2	21.2
279	31.6	28.3	42.5

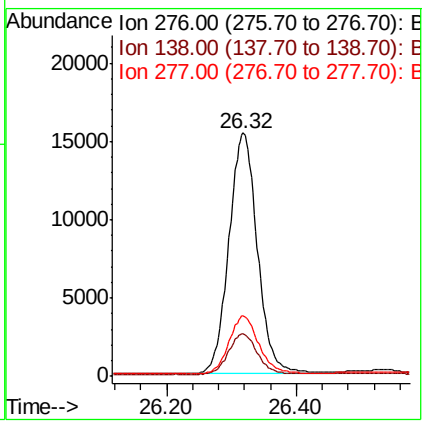




#26
Benzo(g,h,i)perylene
Concen: 3.001 ng/ul
RT: 26.32 min Scan# 7932
Delta R.T. -0.04 min
Lab File: BM022024.D
Acq: 12 Aug 2019 10:24

Tgt Ion:276 Resp: 46762

Ion	Ratio	Lower	Upper
276	100		
138	17.4	15.5	23.3
277	24.8	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BENY8DL

Manual Integrations APPROVED
Sohil
8/13/2019 9:57:00 AM