Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM021999.D
Acq On : 10 Aug 2019 16:28
Operator : HP/JU
Sample : K4029-04DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX5DL

Manual Integrations APPROVED
Sohil
8/13/2019 8:47:08 AM

Quant Time: Aug 11 01:54:52 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 : Sun Aug 11 01:48:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	799	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3352	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1862	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4165	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4093	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4447	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	366	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	940	0.07	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.44	128	220	0.023	ng/ul#	41
7) Acenaphthylene	13.99	152	777	0.089	ng/ul#	72
8) Acenaphthene	14.33	153	272	0.038	ng/ul	92
9) Fluorene	15.33	166	338	0.043	ng/ul#	95
12) Phenanthrene	17.07	178	6289	0.519	ng/ul	99
13) Anthracene	17.16	178	1458	0.141	ng/ul#	91
15) Fluoranthene	19.09	202	16526	1.018	ng/ul	98
17) Pyrene	19.46	202	16409	0.976	ng/ul	98
18) Benzo(a)anthracene	21.21	228	9545	0.652	ng/ul	96
19) Chrysene	21.27	228	8950	0.475	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	12366m	0.825	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	4684m	0.276	ng/ul	
23) Benzo(a)pyrene	23.34	252	8689	0.570	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.65	276	6044	0.332	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.66	278	1438	0.098	ng/ul#	59
26) Benzo(g,h,i)perylene	26.34	276	5334	0.325	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM021999.D
Acq On : 10 Aug 2019 16:28
Operator : HP/JU
Sample : K4029-04DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 11 01:54:52 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 : Sun Aug 11 01:48:54 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BENX5DL

Manual Integrations APPROVED
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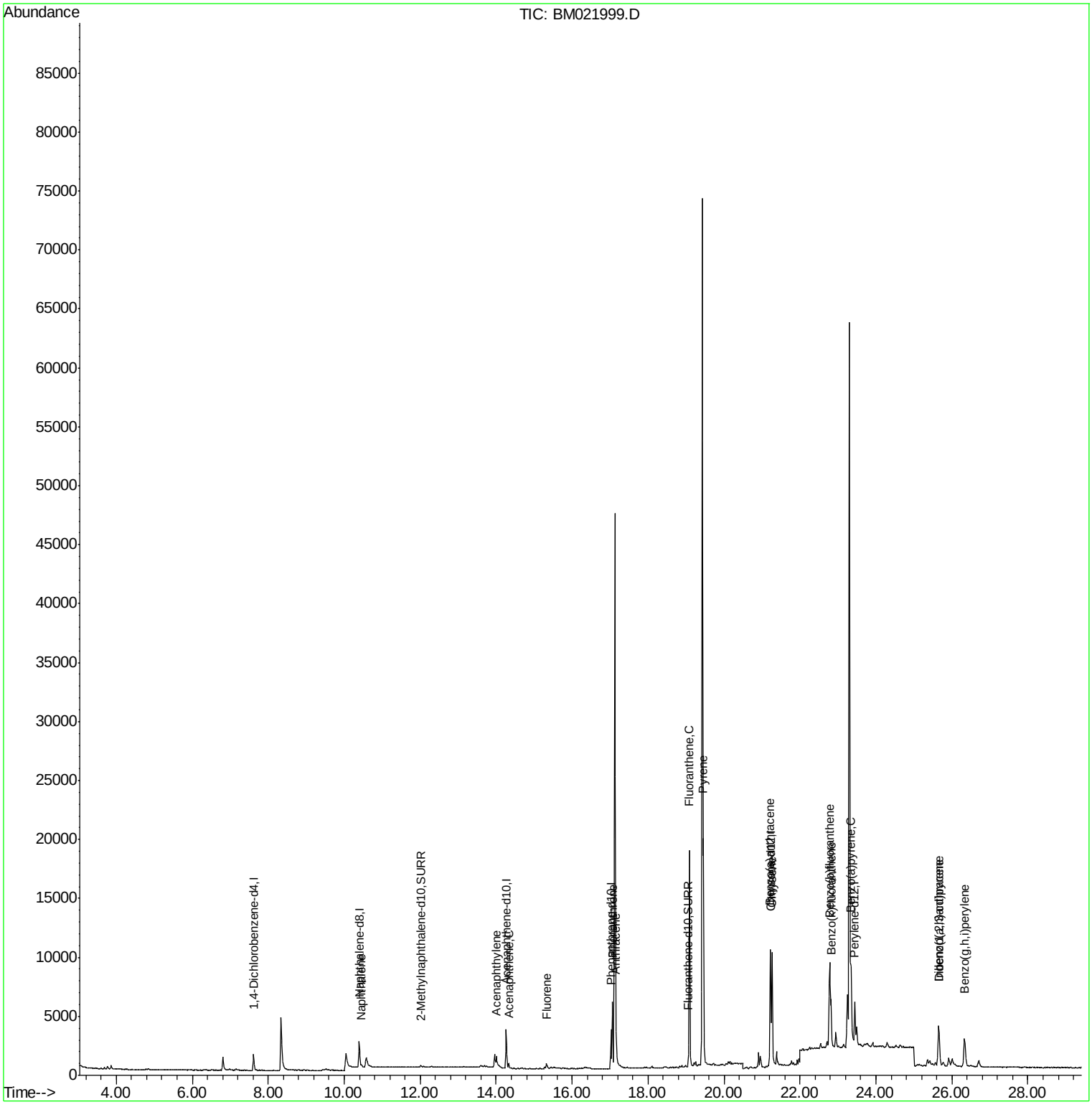

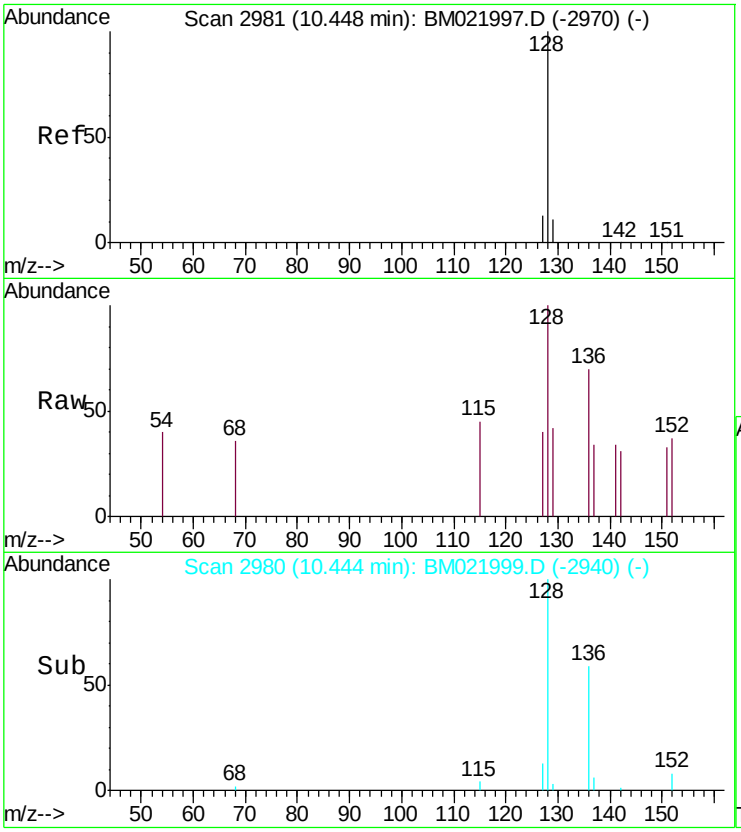

#3
Naphthalene
Concen: 0.023 ng/ul
RT: 10.44 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:128 Resp: 220

Ion	Ratio	Lower	Upper
128	100		
129	42.2	12.3	18.5#
127	39.8	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
BENX5DL

Manual Integrations APPROVED
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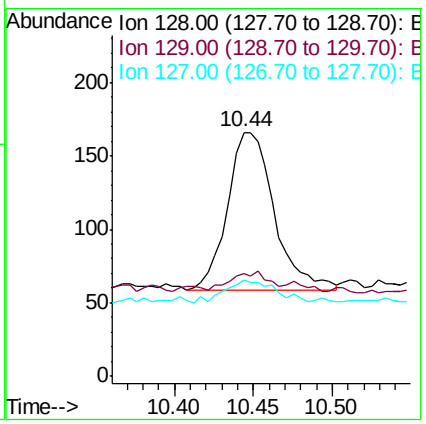
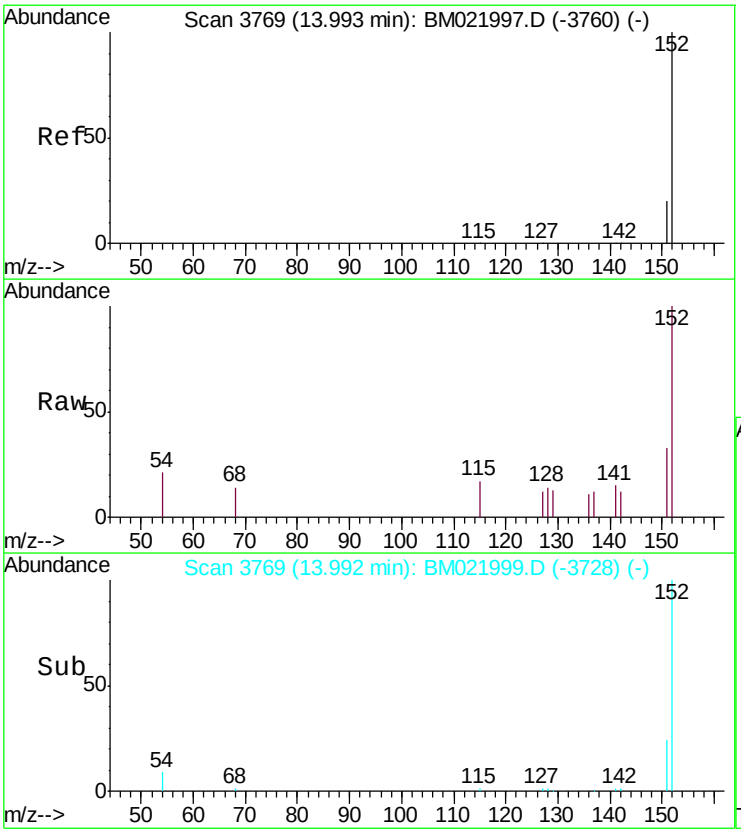
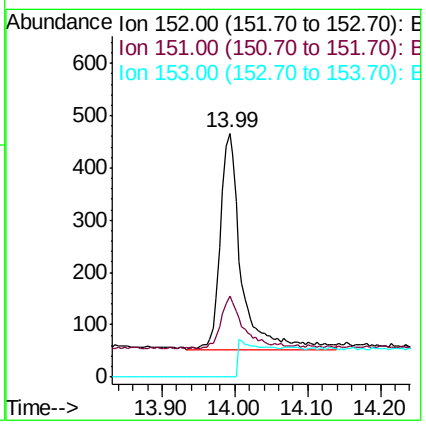


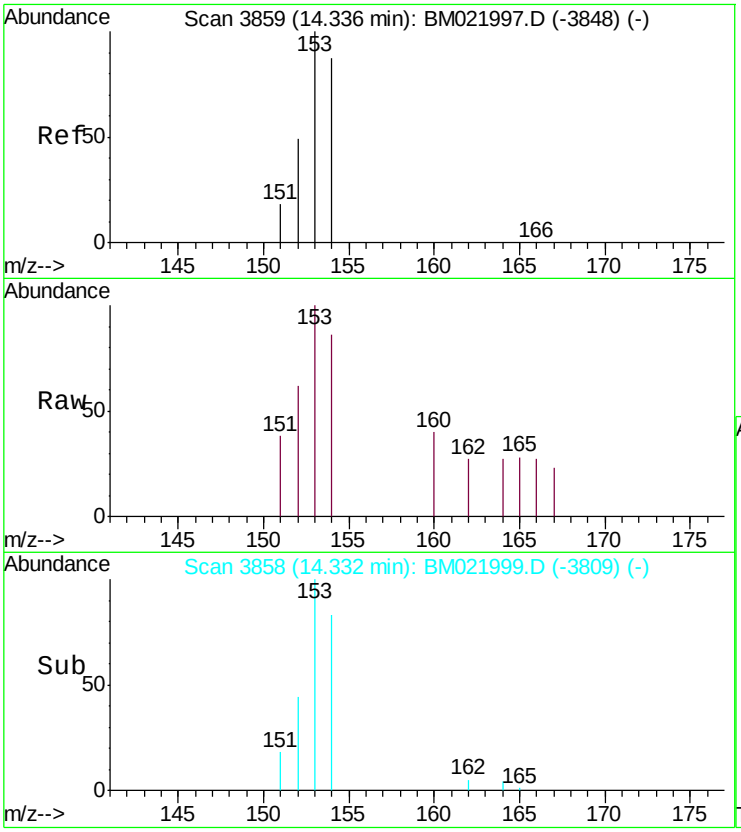


#7
Acenaphthylene
Concen: 0.089 ng/ul
RT: 13.99 min Scan# 3769
Delta R.T. -0.02 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:152 Resp: 777

Ion	Ratio	Lower	Upper
152	100		
151	33.0	18.3	27.5#
153	0.0	12.8	19.2#

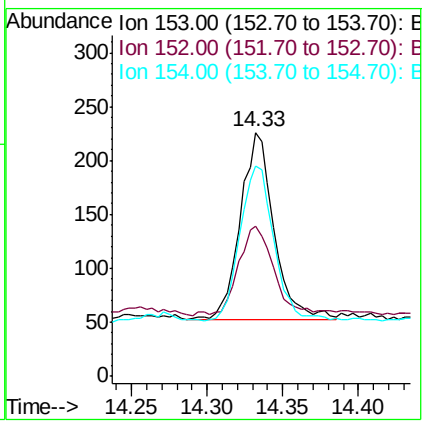




#8
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.33 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:153 Resp: 272

Ion	Ratio	Lower	Upper
153	100		
152	61.5	41.3	61.9
154	86.3	72.3	108.5



Instrument :
BNA_M
ClientSampleId :
BENX5DL

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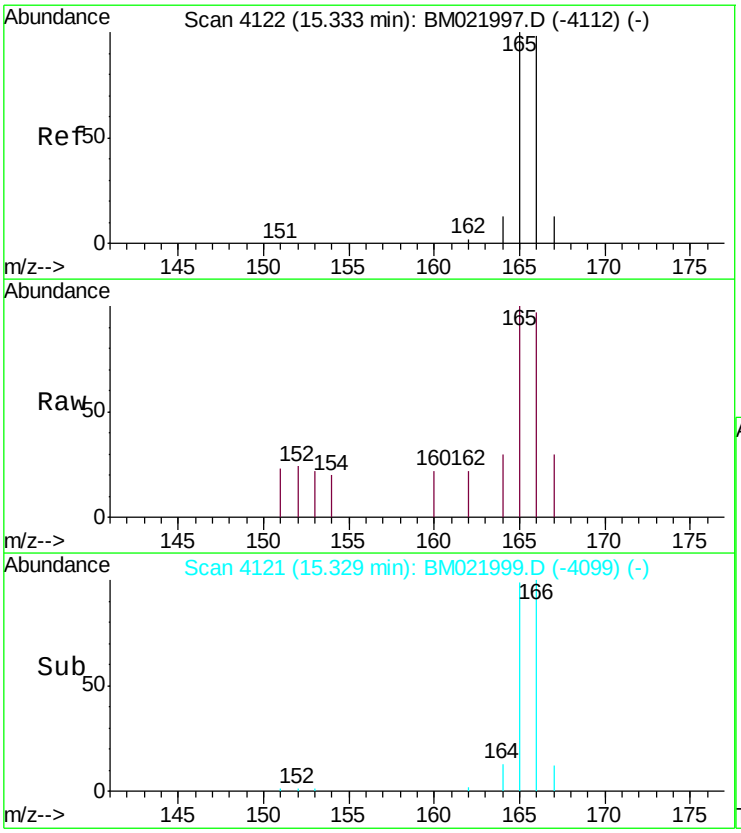
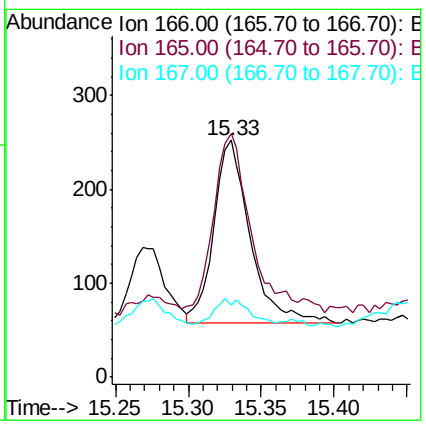
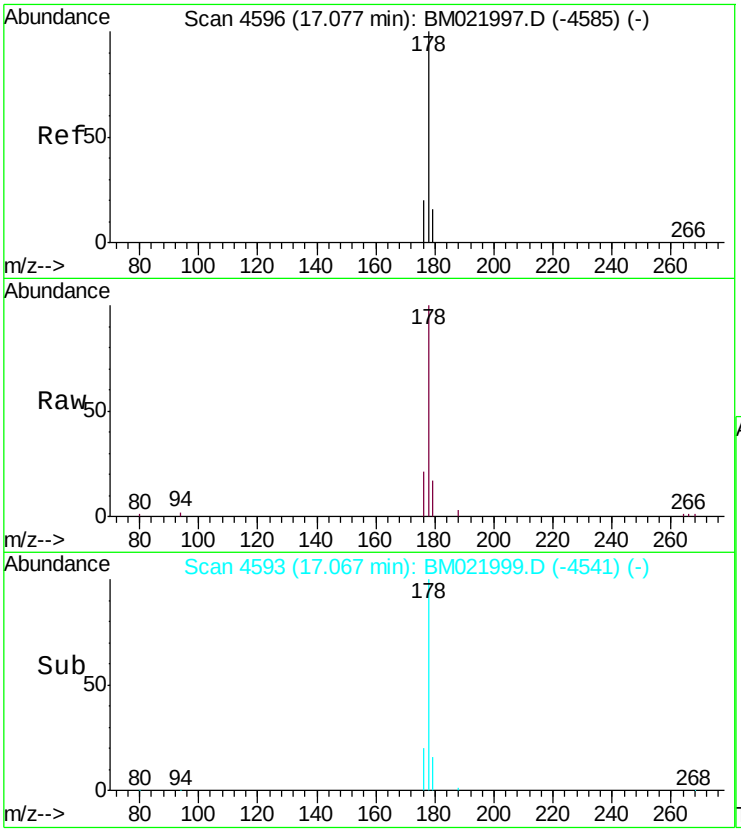


#9
Fluorene
Concen: 0.043 ng/ul
RT: 15.33 min Scan# 4121
Delta R.T. -0.02 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:166 Resp: 338

Ion	Ratio	Lower	Upper
166	100		
165	102.8	81.4	122.0
167	30.6	13.7	20.5#

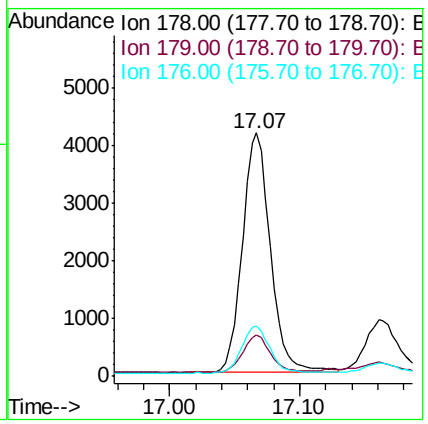




#12
Phenanthrene
Concen: 0.519 ng/ul
RT: 17.07 min Scan# 4593
Delta R.T. -0.02 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:178 Resp: 6289

Ion	Ratio	Lower	Upper
178	100		
179	17.1	14.2	21.2
176	20.9	16.8	25.2



Instrument :
BNA_M
ClientSampleId :
BENX5DL

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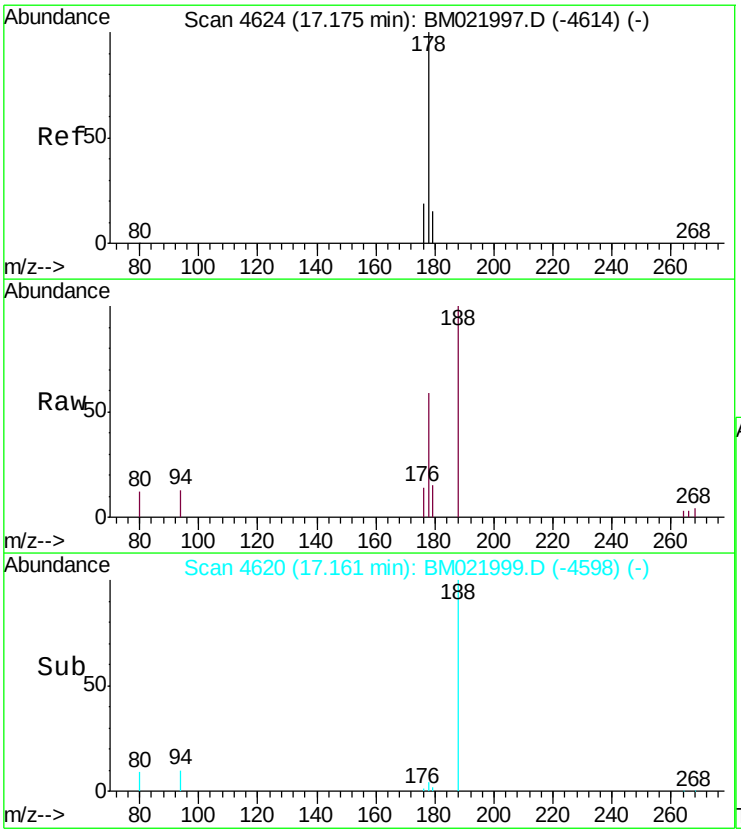
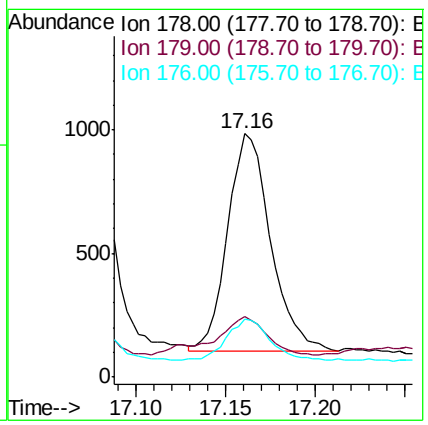
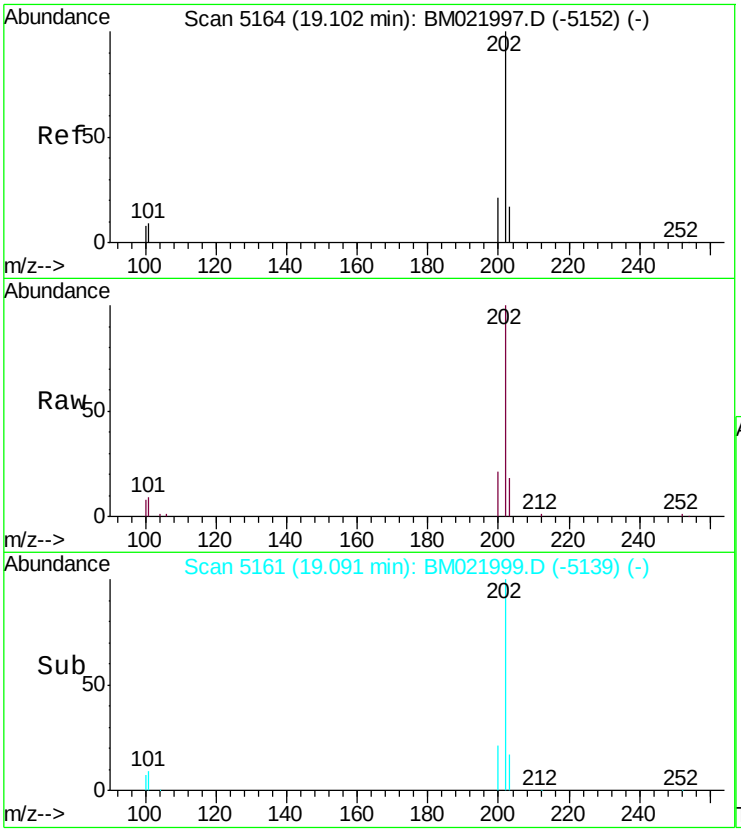


#13
Anthracene
Concen: 0.141 ng/ul
RT: 17.16 min Scan# 4620
Delta R.T. -0.02 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:178 Resp: 1458

Ion	Ratio	Lower	Upper
178	100		
179	24.8	15.5	23.3#
176	23.6	16.6	25.0

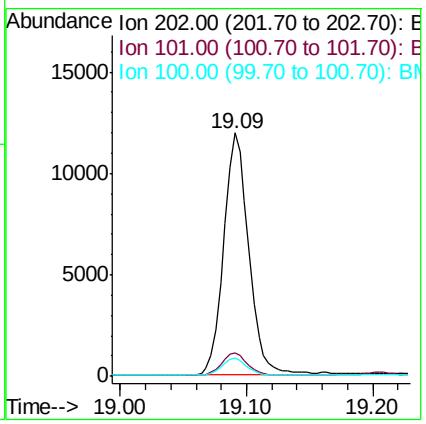




#15
Fluoranthene
Concen: 1.018 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.02 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:202 Resp: 16526

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.2
100	7.5	0.0	28.1



Instrument :
BNA_M
ClientSampleId :
BENX5DL

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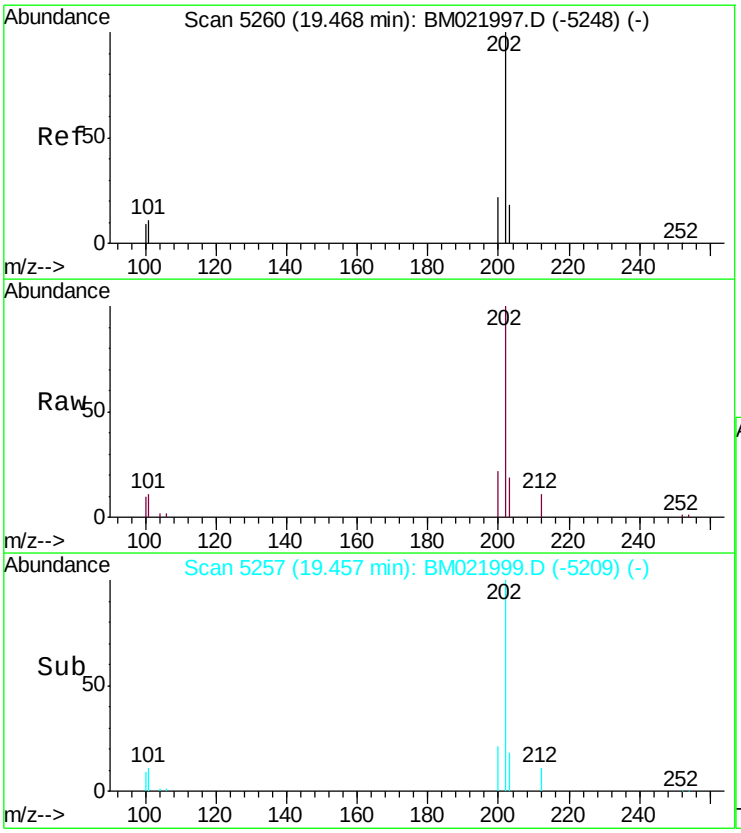
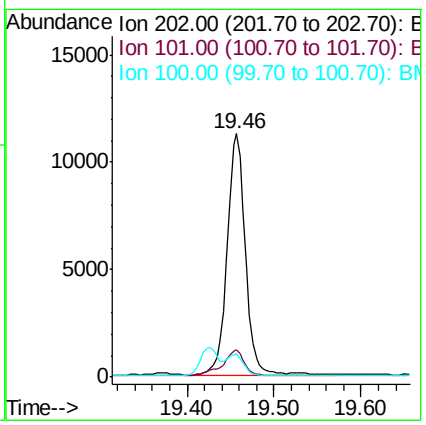
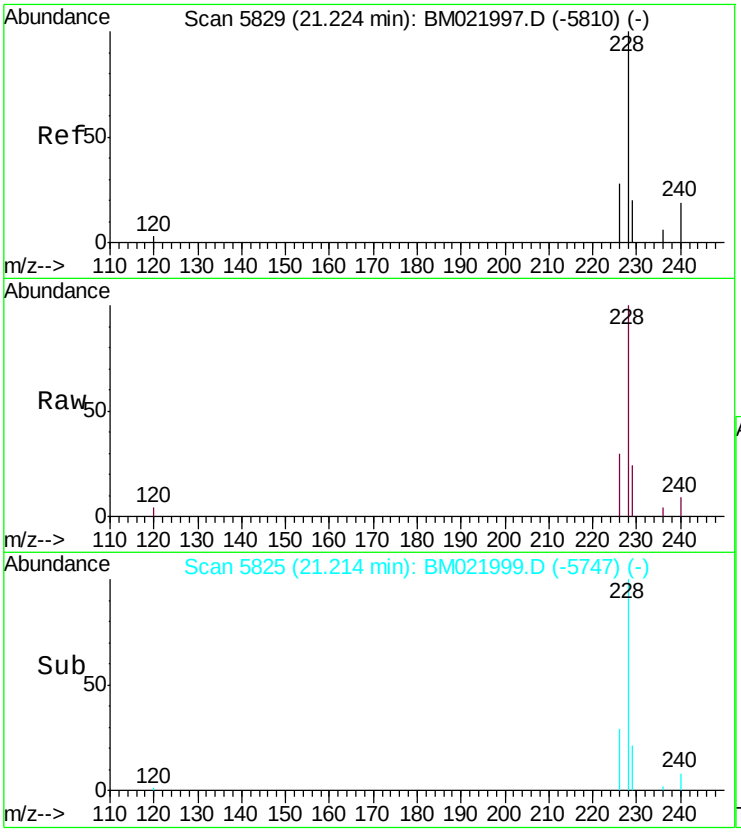


#17
Pyrene
Concen: 0.976 ng/ul
RT: 19.46 min Scan# 5257
Delta R.T. -0.02 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:202 Resp: 16409

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.3	12.5
100	9.5	7.2	10.8

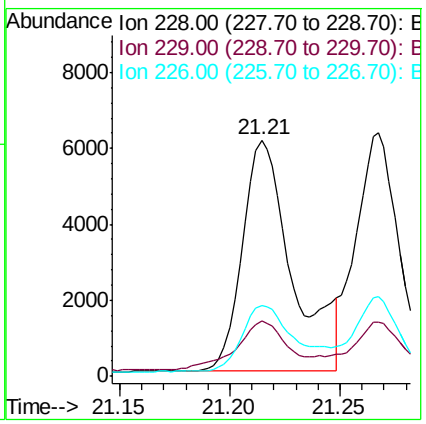




#18
Benzo(a)anthracene
Concen: 0.652 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. -0.01 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:228 Resp: 9545

Ion	Ratio	Lower	Upper
228	100		
229	23.6	17.2	25.8
226	30.2	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
BENX5DL

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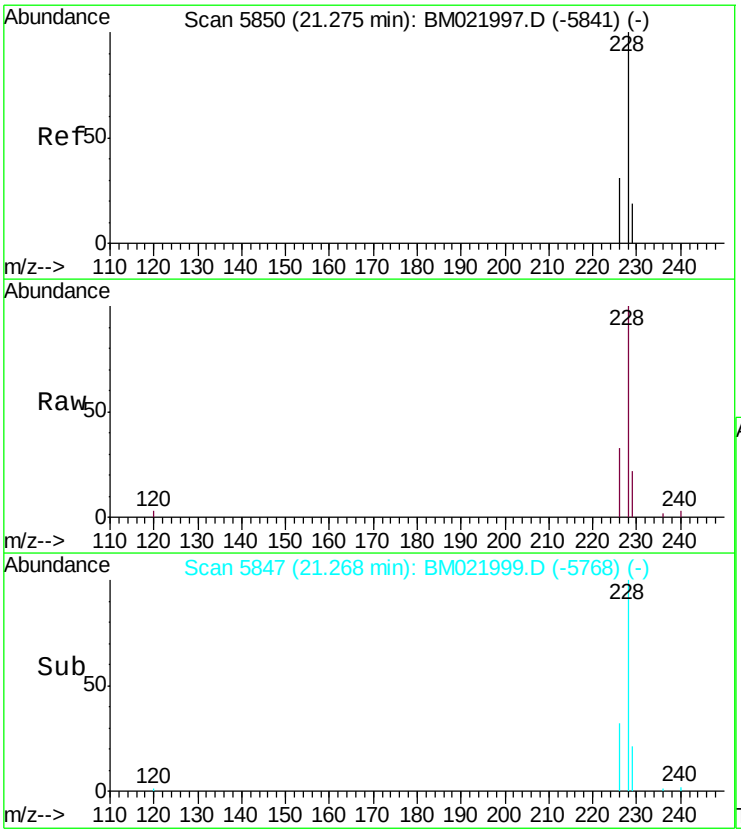
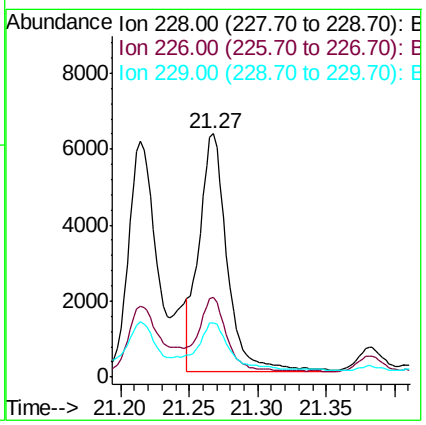
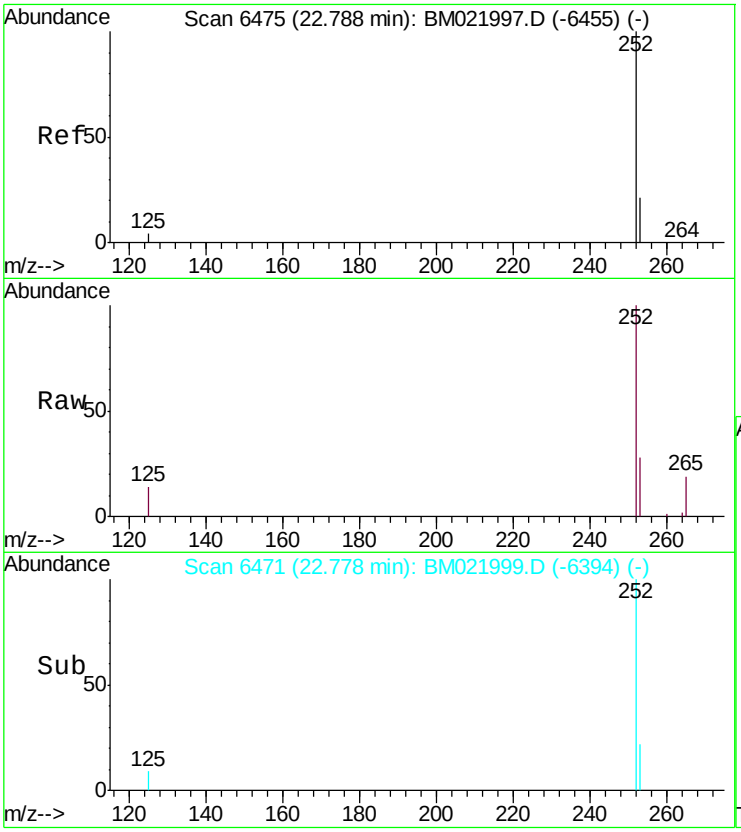


#19
Chrysene
Concen: 0.475 ng/ul
RT: 21.27 min Scan# 5847
Delta R.T. -0.01 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:228 Resp: 8950

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.9	37.3
229	22.5	16.6	25.0

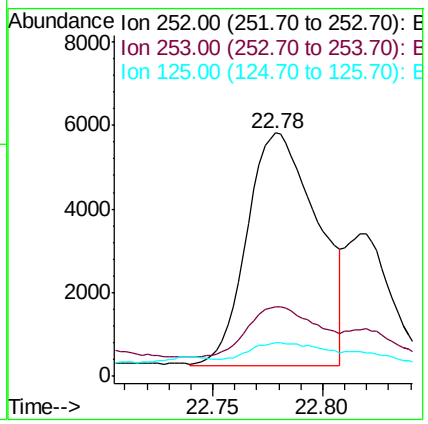




#21
Benzo(b)fluoranthene
Concen: 0.825 ng/ul m
RT: 22.78 min Scan# 6471
Delta R.T. -0.01 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:252 Resp: 12366

Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	67.4
125	13.6	0.0	31.0



Instrument :
BNA_M
ClientSampleId :
BENX5DL

Manual Integrations APPROVED
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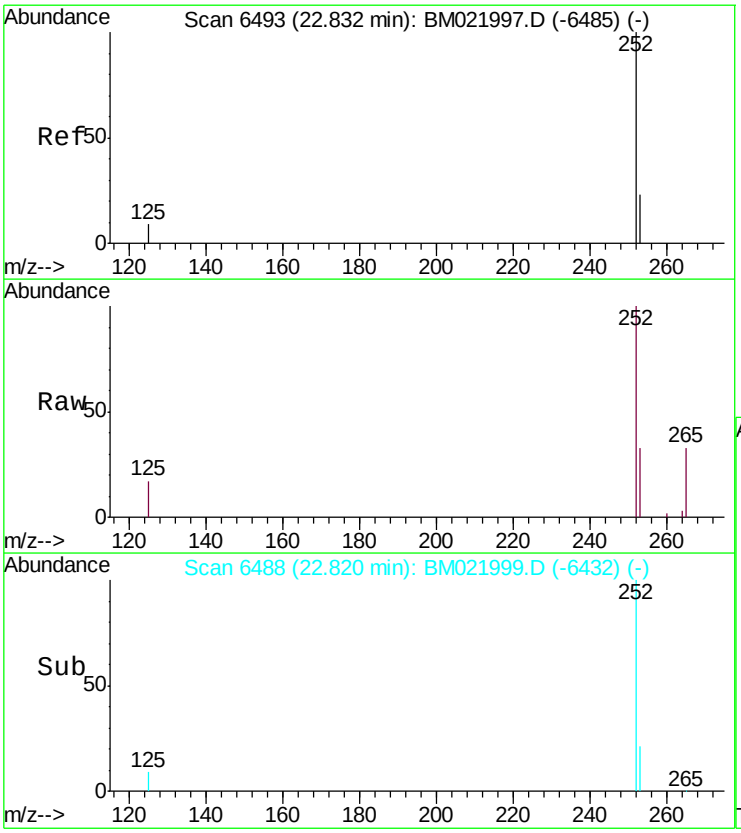
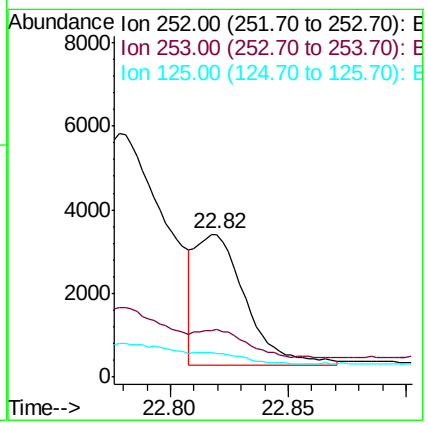
8/13/2019 8:47:08 AM

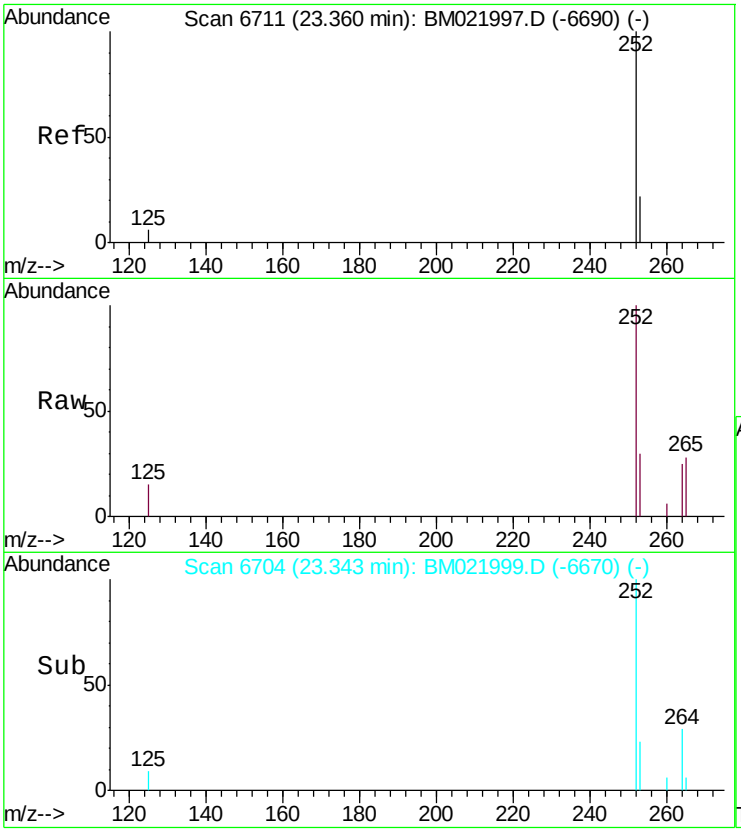


#22
Benzo(k)fluoranthene
Concen: 0.276 ng/ul m
RT: 22.82 min Scan# 6488
Delta R.T. -0.01 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:252 Resp: 4684

Ion	Ratio	Lower	Upper
252	100		
253	33.4	27.0	40.4
125	16.8	12.2	18.2





#23
Benzo(a)pyrene
Concen: 0.570 ng/ul
RT: 23.34 min Scan# 6704
Delta R.T. -0.02 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:252 Resp: 8689

Ion	Ratio	Lower	Upper
252	100		
253	30.0	31.7	47.5#
125	15.3	14.6	21.8

Instrument :
BNA_M
ClientSampleId :
BENX5DL

Manual Integrations APPROVED
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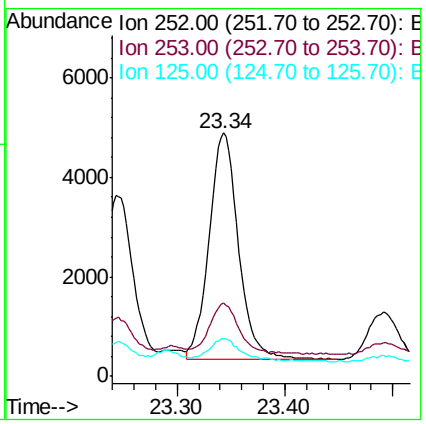
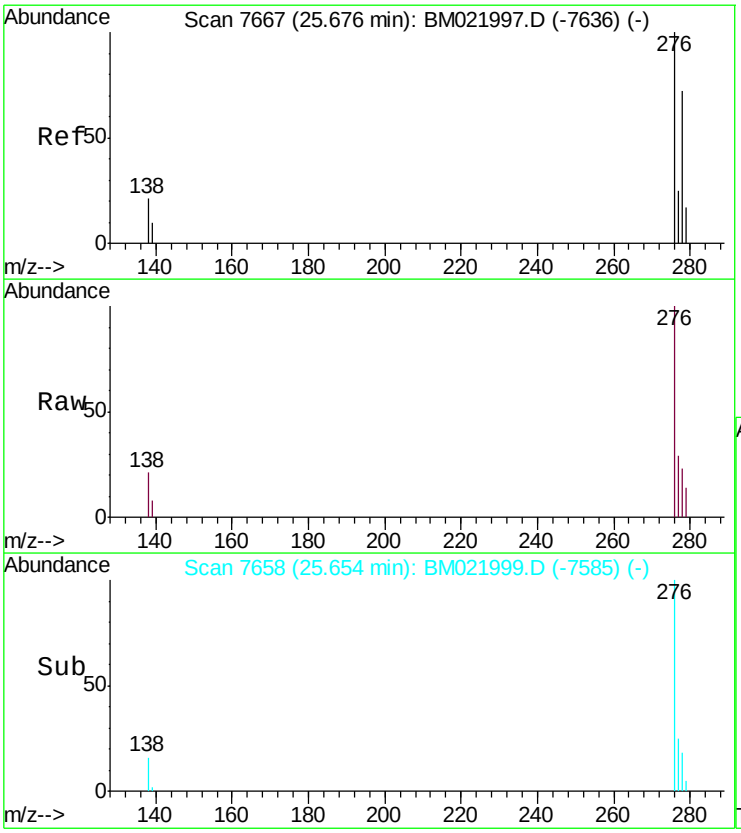
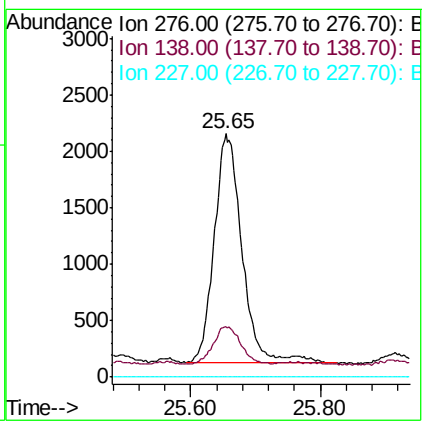


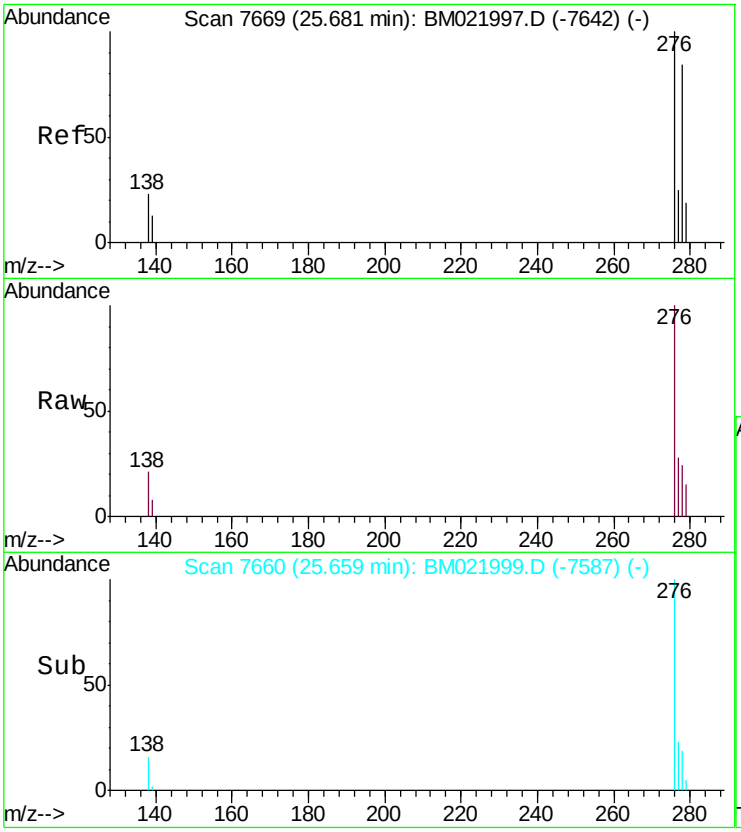


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 25.65 min Scan# 7658
Delta R.T. -0.02 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:276 Resp: 6044

Ion	Ratio	Lower	Upper
276	100		
138	16.4	15.1	22.7
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 25.66 min Scan# 7660
Delta R.T. -0.02 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Instrument :
BNA_M
ClientSampleId :
BENX5DL

Manual Integrations APPROVED
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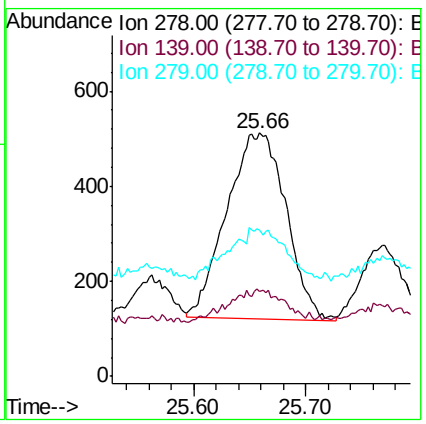
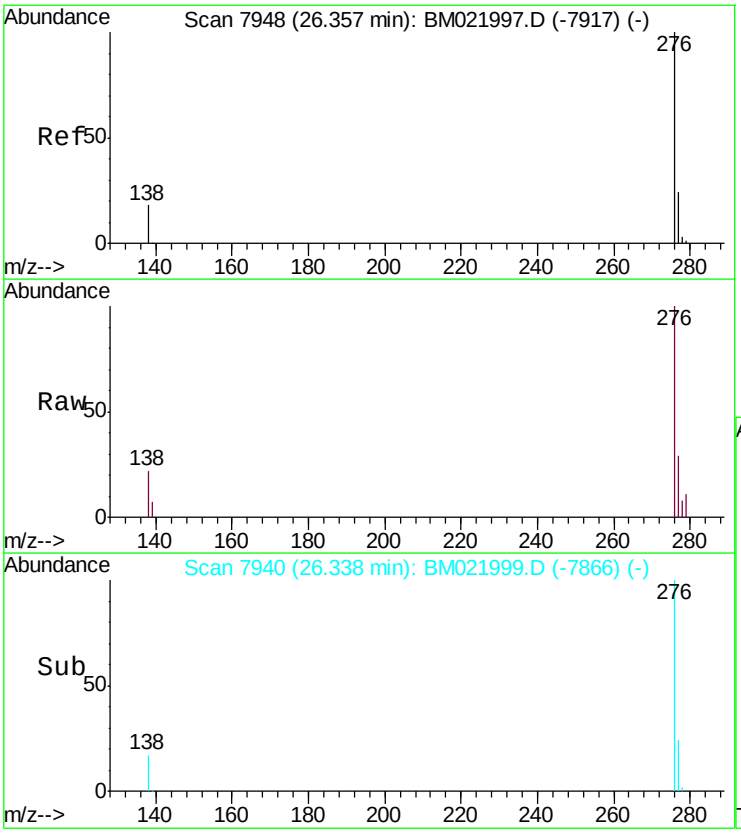
8/13/2019 8:47:08 AM

Tgt Ion:278 Resp: 1438

Ion	Ratio	Lower	Upper
278	100		
139	34.8	14.2	21.2#
279	60.4	28.3	42.5#





#26
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 26.34 min Scan# 7940
Delta R.T. -0.02 min
Lab File: BM021999.D
Acq: 10 Aug 2019 16:28

Tgt Ion:276 Resp: 5334

Ion	Ratio	Lower	Upper
276	100		
138	21.9	15.5	23.3
277	28.9	21.4	32.2