Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025367.D
Acq On : 08 Mar 2020 03:02
Operator : CG/JU
Sample : L1615-18
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDP2

Manual Integrations APPROVED
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Quant Time: Mar 08 03:38:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 23:59:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3641	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	16480	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	12603	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	30378m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	31237	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	30908	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	11159	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	34382	0.35	ng/ul	-0.01
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	1211	0.021	ng/ul#	89
13) Anthracene	17.17	178	4800	0.055	ng/ul	98
15) Fluoranthene	19.10	202	3105	0.025	ng/ul	91
18) Benzo(a)anthracene	21.21	228	2578m	0.022	ng/ul	
19) Chrysene	21.24	228	3367	0.027	ng/ul	95
21) Benzo(b)fluoranthene	22.76	252	11466m	0.093	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	4323m	0.033	ng/ul	
23) Benzo(a)pyrene	23.32	252	4532	0.044	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	25.58	276	3041	0.023	ng/ul#	100
26) Benzo(g,h,i)perylene	26.25	276	2287	0.021	ng/ul#	87

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

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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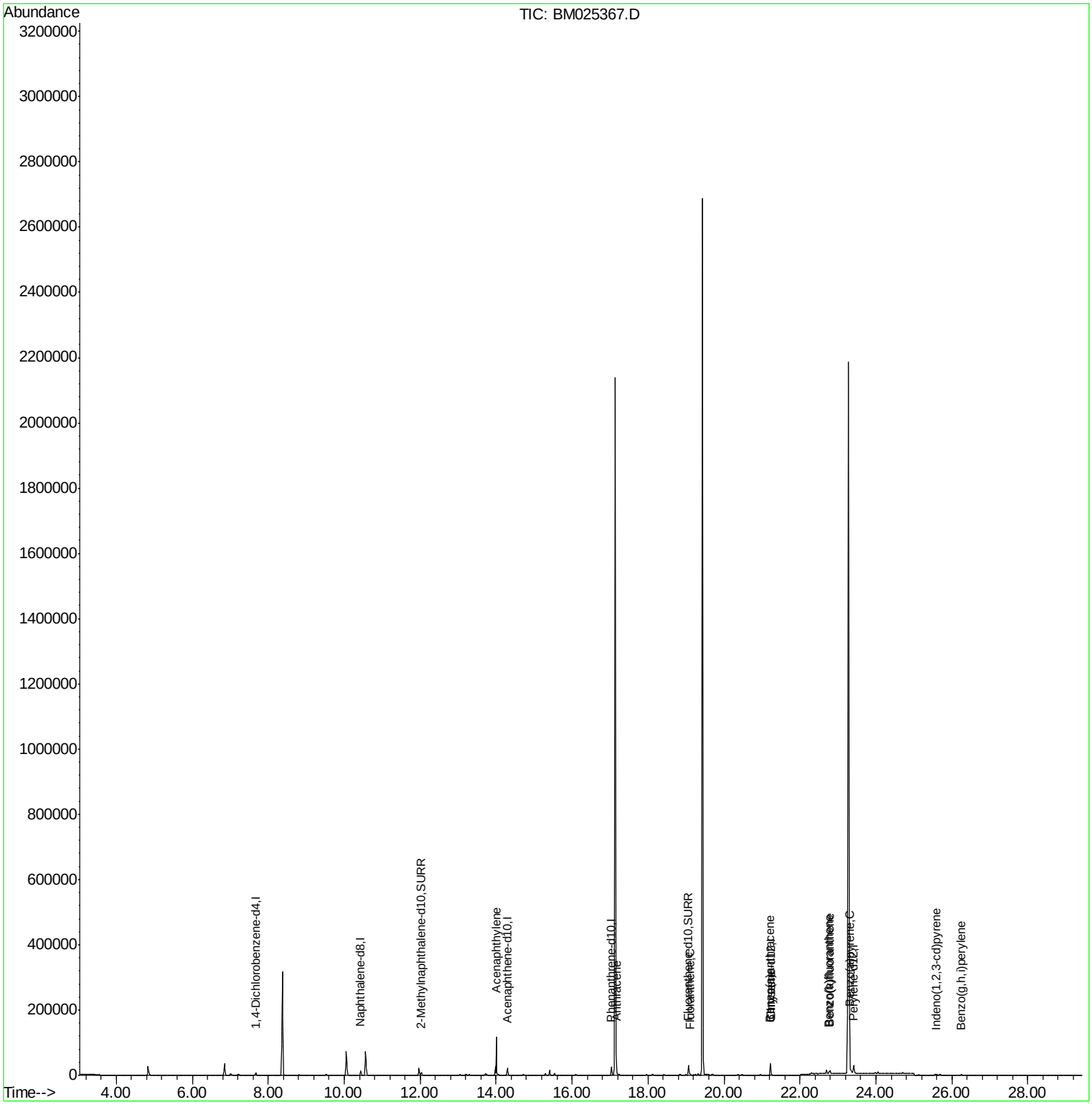

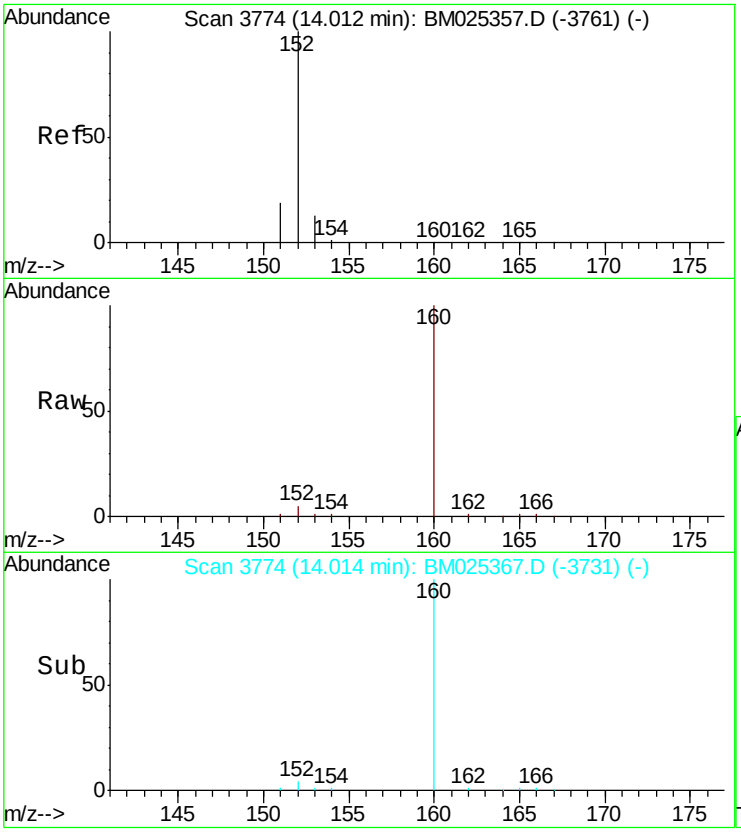

#7
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.01 min Scan# 3774
Delta R.T. -0.01 min
Lab File: BM025367.D
Acq: 08 Mar 2020 03:02

Tgt Ion:152 Resp: 1211

Ion	Ratio	Lower	Upper
152	100		
151	27.1	17.8	26.8#
153	21.4	13.3	19.9#

Instrument :
BNA_M
ClientSampleId :
DBDP2

Manual Integrations APPROVED
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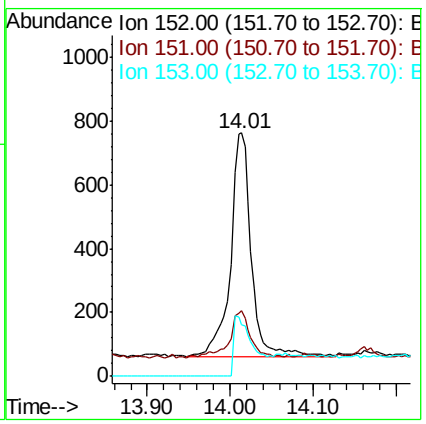
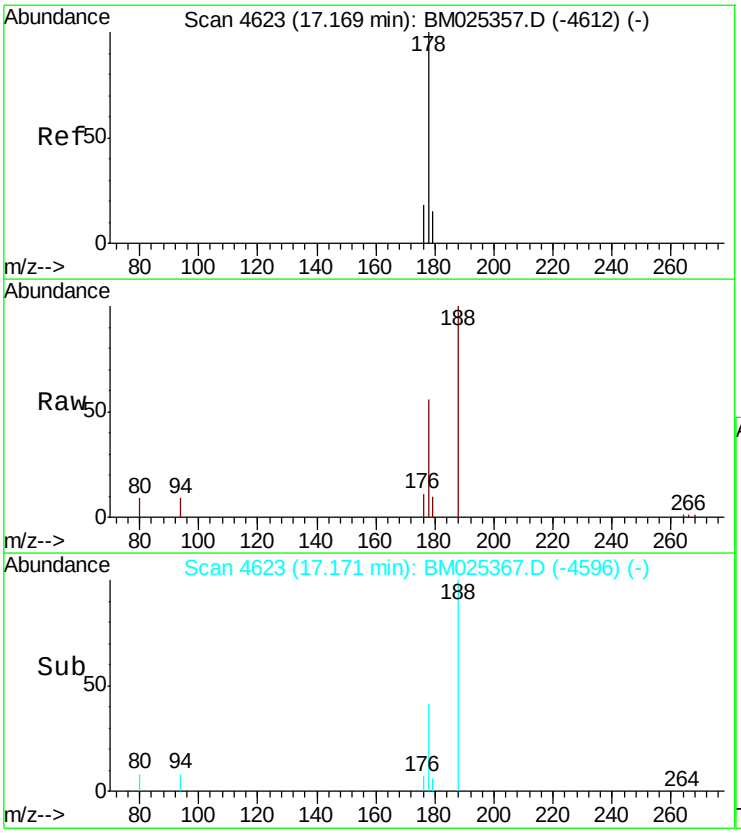
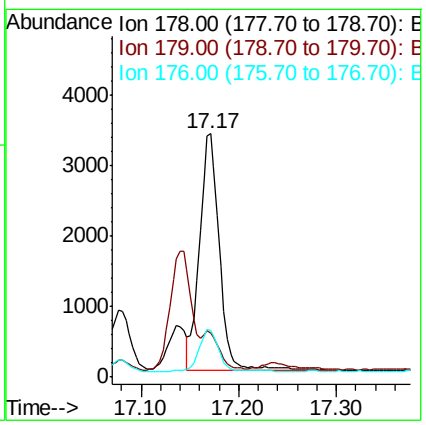


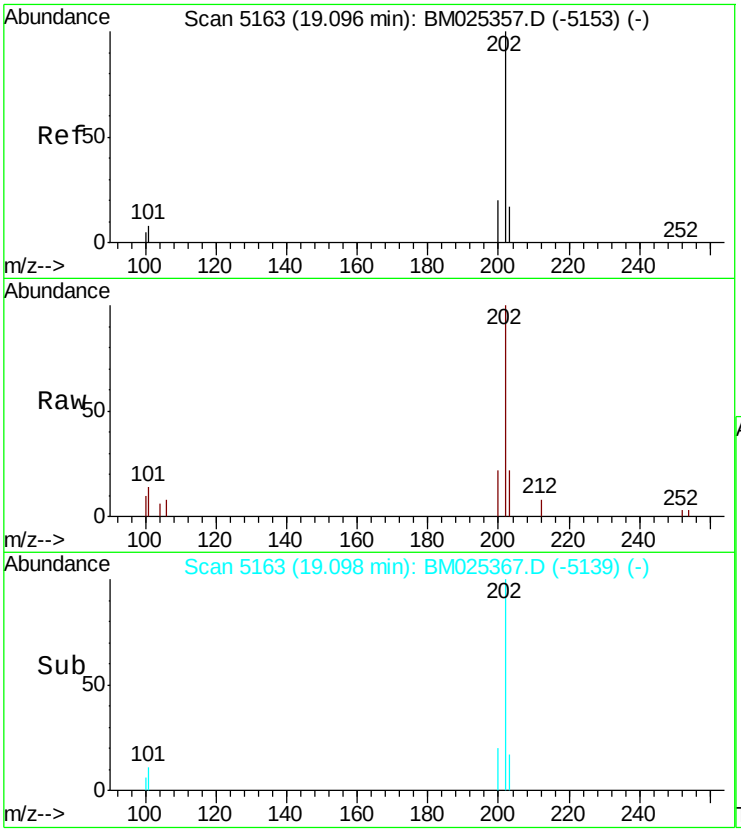


#13
Anthracene
Concen: 0.055 ng/ul
RT: 17.17 min Scan# 4623
Delta R.T. -0.01 min
Lab File: BM025367.D
Acq: 08 Mar 2020 03:02

Tgt Ion:178 Resp: 4800

Ion	Ratio	Lower	Upper
178	100		
179	18.0	14.1	21.1
176	19.2	16.2	24.4

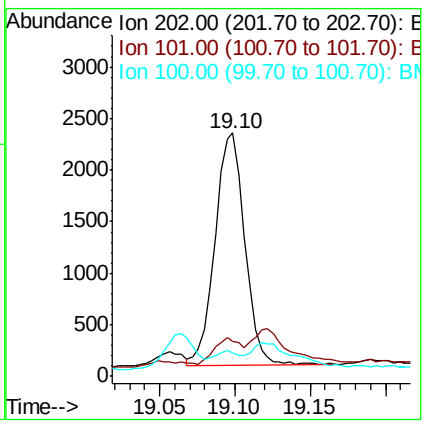




#15
Fluoranthene
Concen: 0.025 ng/ul
RT: 19.10 min Scan# 5163
Delta R.T. -0.01 min
Lab File: BM025367.D
Acq: 08 Mar 2020 03:02

Tgt Ion:202 Resp: 3105

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	29.4
100	9.6	0.0	28.0



Instrument :
BNA_M
ClientSampleId :
DBDP2

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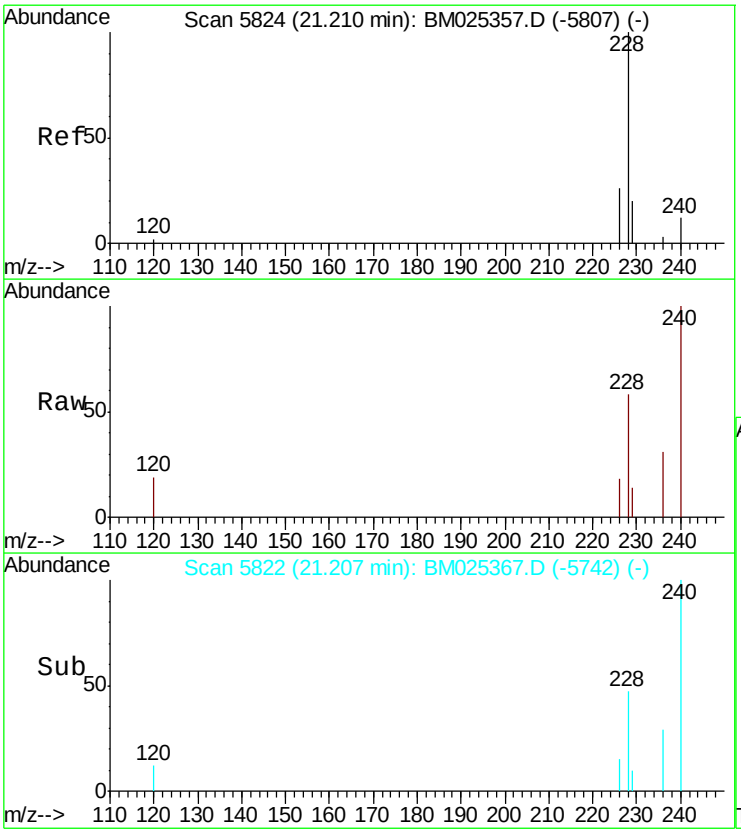
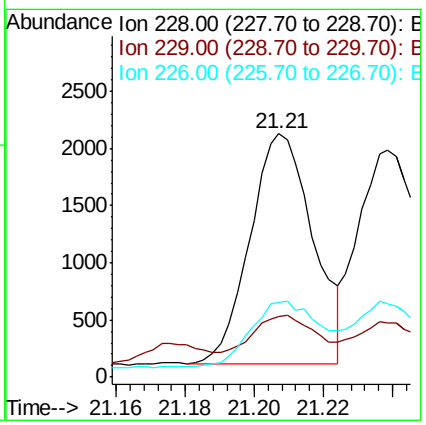
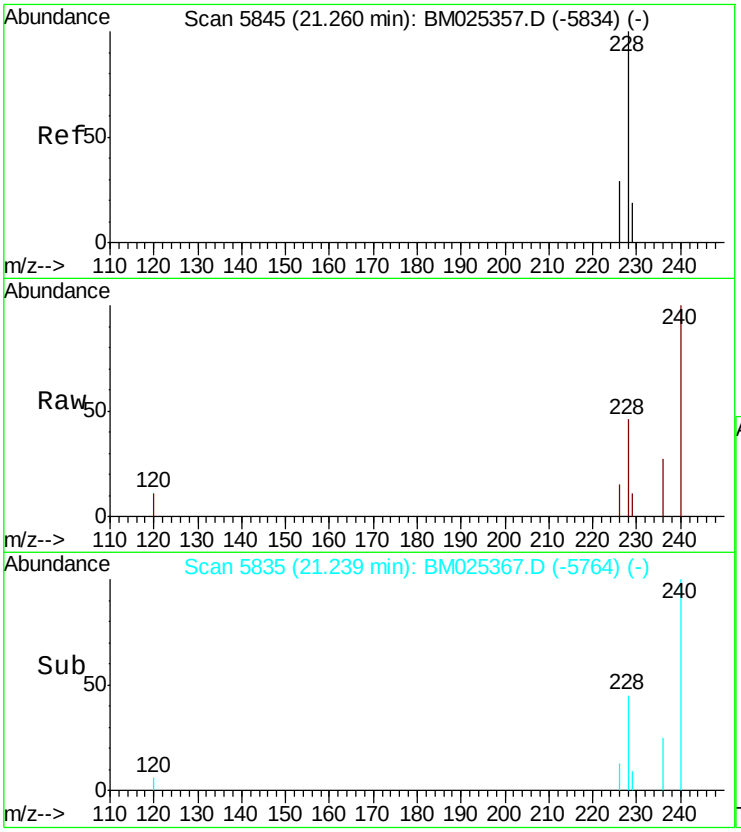


#18
Benzo(a)anthracene
Concen: 0.022 ng/ul m
RT: 21.21 min Scan# 5822
Delta R.T. -0.01 min
Lab File: BM025367.D
Acq: 08 Mar 2020 03:02

Tgt Ion:228 Resp: 2578

Ion	Ratio	Lower	Upper
228	100		
229	25.0	16.6	25.0#
226	30.5	21.9	32.9

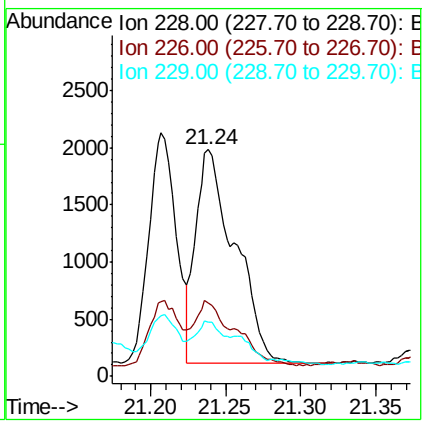




#19
Chrysene
Concen: 0.027 ng/ul
RT: 21.24 min Scan# 5835
Delta R.T. -0.03 min
Lab File: BM025367.D
Acq: 08 Mar 2020 03:02

Tgt Ion:228 Resp: 3367

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.8	35.8
229	23.8	16.9	25.3



Instrument :
BNA_M
ClientSampleId :
DBDP2

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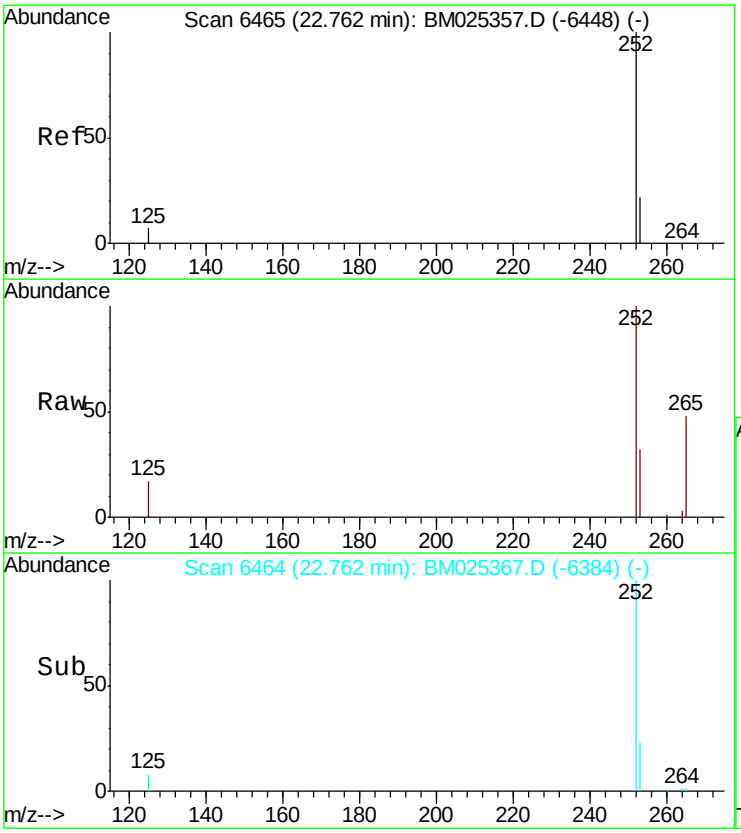
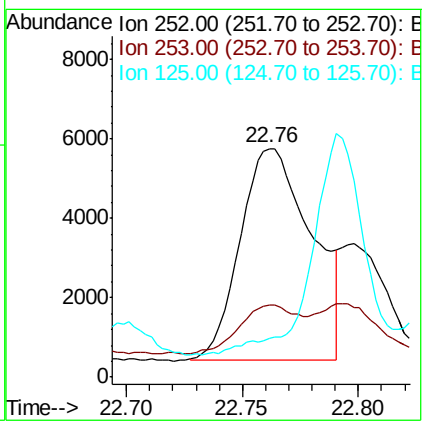
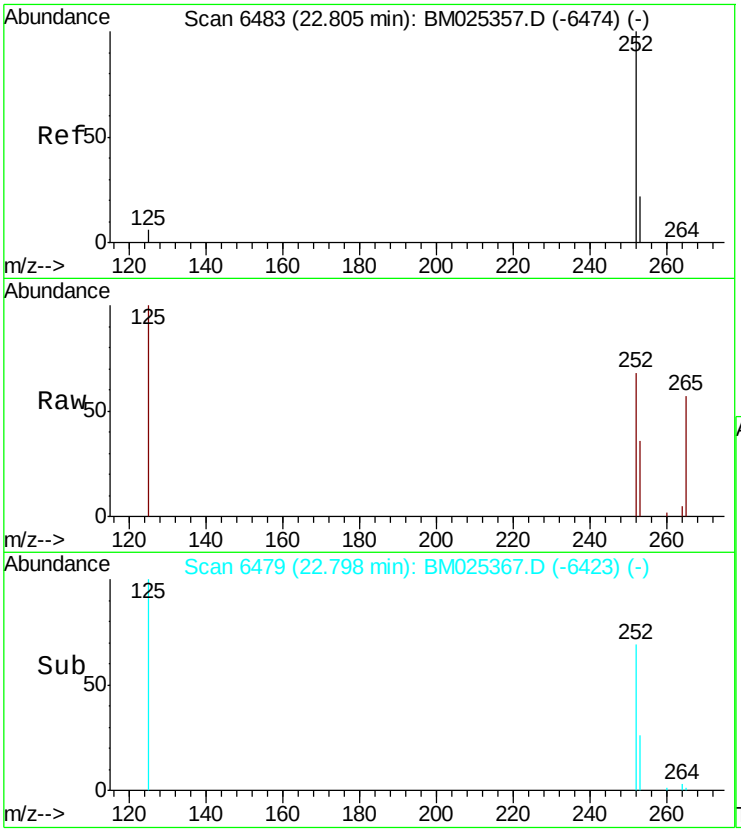


#21
Benzo(b)fluoranthene
Concen: 0.093 ng/ul m
RT: 22.76 min Scan# 6464
Delta R.T. -0.01 min
Lab File: BM025367.D
Acq: 08 Mar 2020 03:02

Tgt Ion:252 Resp: 11466

Ion	Ratio	Lower	Upper
252	100		
253	31.8	0.0	49.8
125	17.1	0.0	28.6

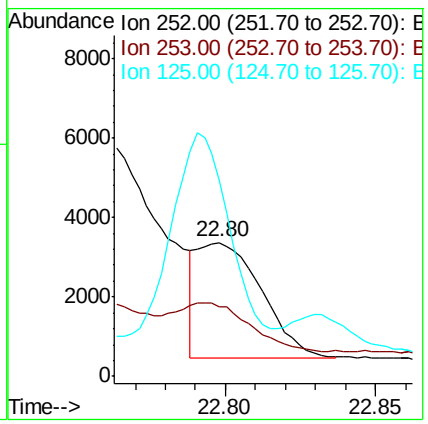




#22
Benzo(k)fluoranthene
Concen: 0.033 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.01 min
Lab File: BM025367.D
Acq: 08 Mar 2020 03:02

Tgt Ion:252 Resp: 4323

Ion	Ratio	Lower	Upper
252	100		
253	52.0	19.4	29.0#
125	146.4	10.7	16.1#



Instrument :
BNA_M
ClientSampleId :
DBDP2

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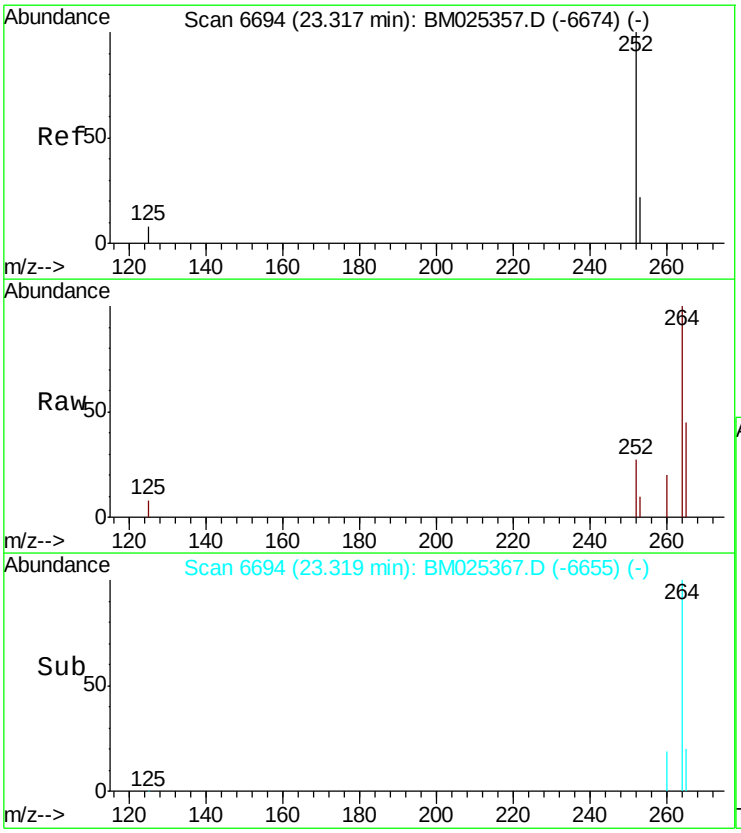
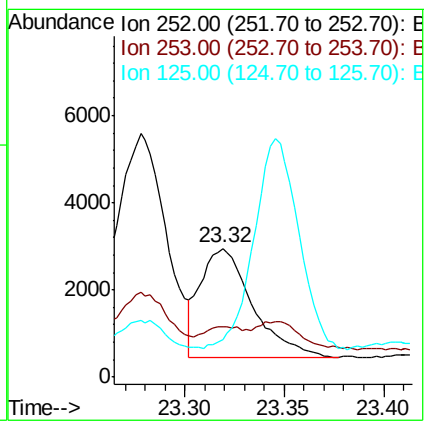
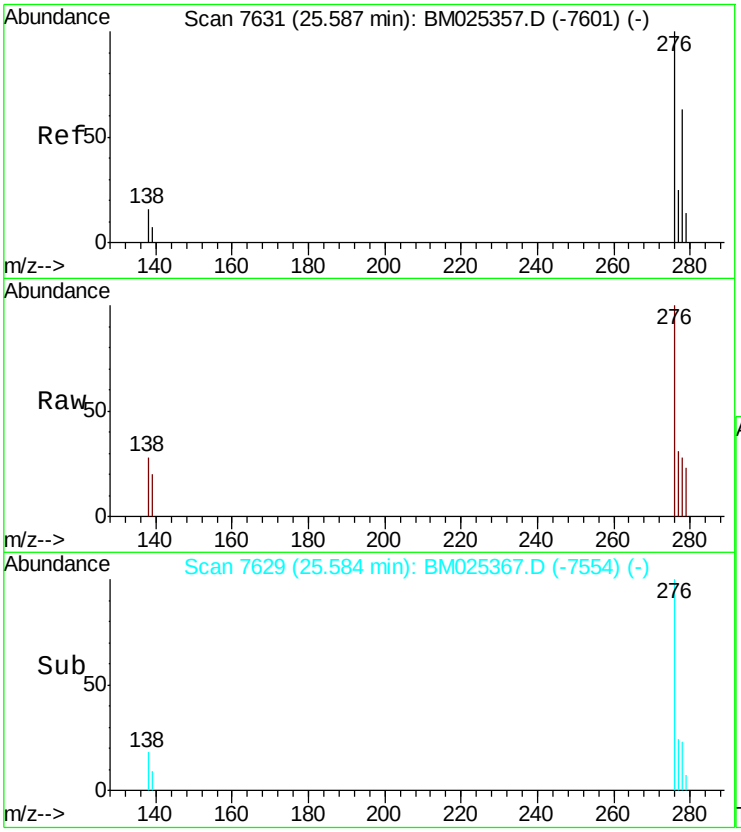


#23
Benzo(a)pyrene
Concen: 0.044 ng/ul
RT: 23.32 min Scan# 6694
Delta R.T. -0.00 min
Lab File: BM025367.D
Acq: 08 Mar 2020 03:02

Tgt Ion:252 Resp: 4532

Ion	Ratio	Lower	Upper
252	100		
253	38.6	20.3	30.5#
125	28.9	13.0	19.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. -0.02 min
Lab File: BM025367.D
Acq: 08 Mar 2020 03:02

Tgt Ion:276 Resp: 3041

Ion	Ratio	Lower	Upper
276	100		
138	29.6	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
DBDP2

Manual Integrations APPROVED
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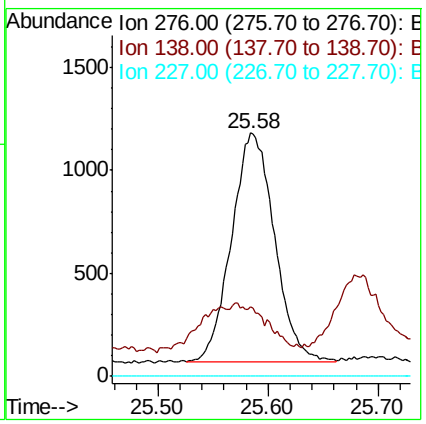

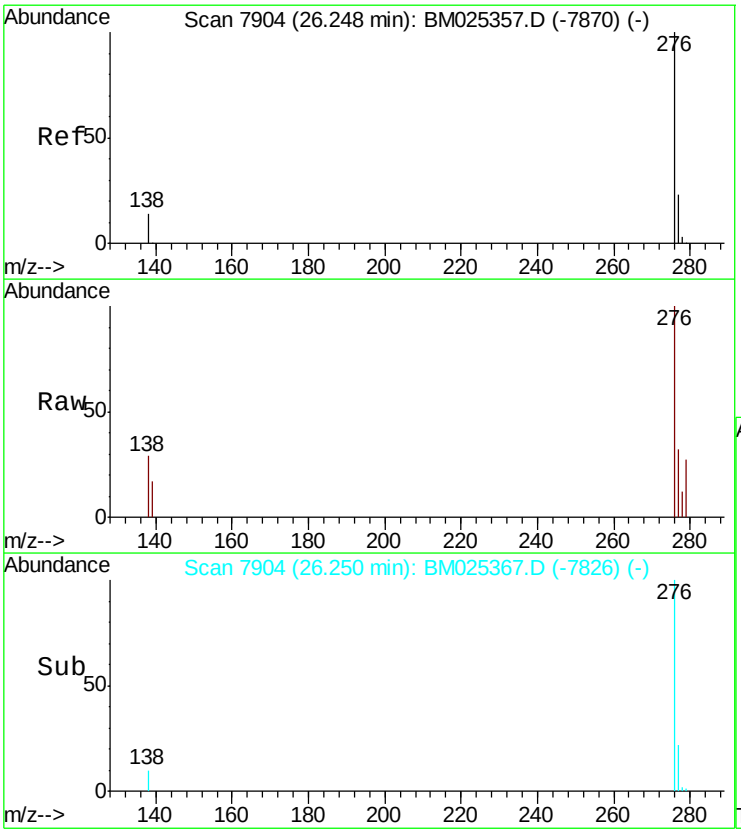

#26
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 26.25 min Scan# 7904
Delta R.T. -0.01 min
Lab File: BM025367.D
Acq: 08 Mar 2020 03:02

Tgt Ion:276 Resp: 2287

Ion	Ratio	Lower	Upper
276	100		
138	29.0	17.9	26.9#
277	31.7	20.5	30.7#