Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
Data File : BN008975.D
Acq On : 13 Dec 2019 20:11
Operator : JU
Sample : K6089-05DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

Manual Integrations APPROVED
mohammad
12/16/2019 12:24:01 PM

Quant Time: Dec 13 23:28:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 23:22:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2523	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11145	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7227	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	16076	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13602	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	12486	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	7715	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	25150	0.51	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	11116	0.331	ng/ul	100
5) 2-Methylnaphthalene	11.98	142	12493	0.532	ng/ul	100
7) Acenaphthylene	13.90	152	4747	0.119	ng/ul#	93
9) Fluorene	15.24	166	1802	0.052	ng/ul#	77
12) Phenanthrene	16.97	178	53798	0.992	ng/ul	100
13) Anthracene	17.06	178	3534	0.069	ng/ul#	90
15) Fluoranthene	18.99	202	58573	0.879	ng/ul	99
17) Pyrene	19.35	202	49720	0.911	ng/ul	99
18) Benzo(a)anthracene	21.12	228	27581	0.504	ng/ul#	91
19) Chrysene	21.17	228	49041	0.913	ng/ul#	95
21) Benzo(b)fluoranthene	22.64	252	46299m	0.899	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	14270m	0.279	ng/ul	
23) Benzo(a)pyrene	23.19	252	25663	0.531	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.39	276	18679	0.330	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.39	278	6673	0.146	ng/ul#	73
26) Benzo(g,h,i)perylene	26.03	276	21884	0.463	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121319\
Data File : BN008975.D
Acq On : 13 Dec 2019 20:11
Operator : JU
Sample : K6089-05DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 13 23:28:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 23:22:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

Manual Integrations APPROVED
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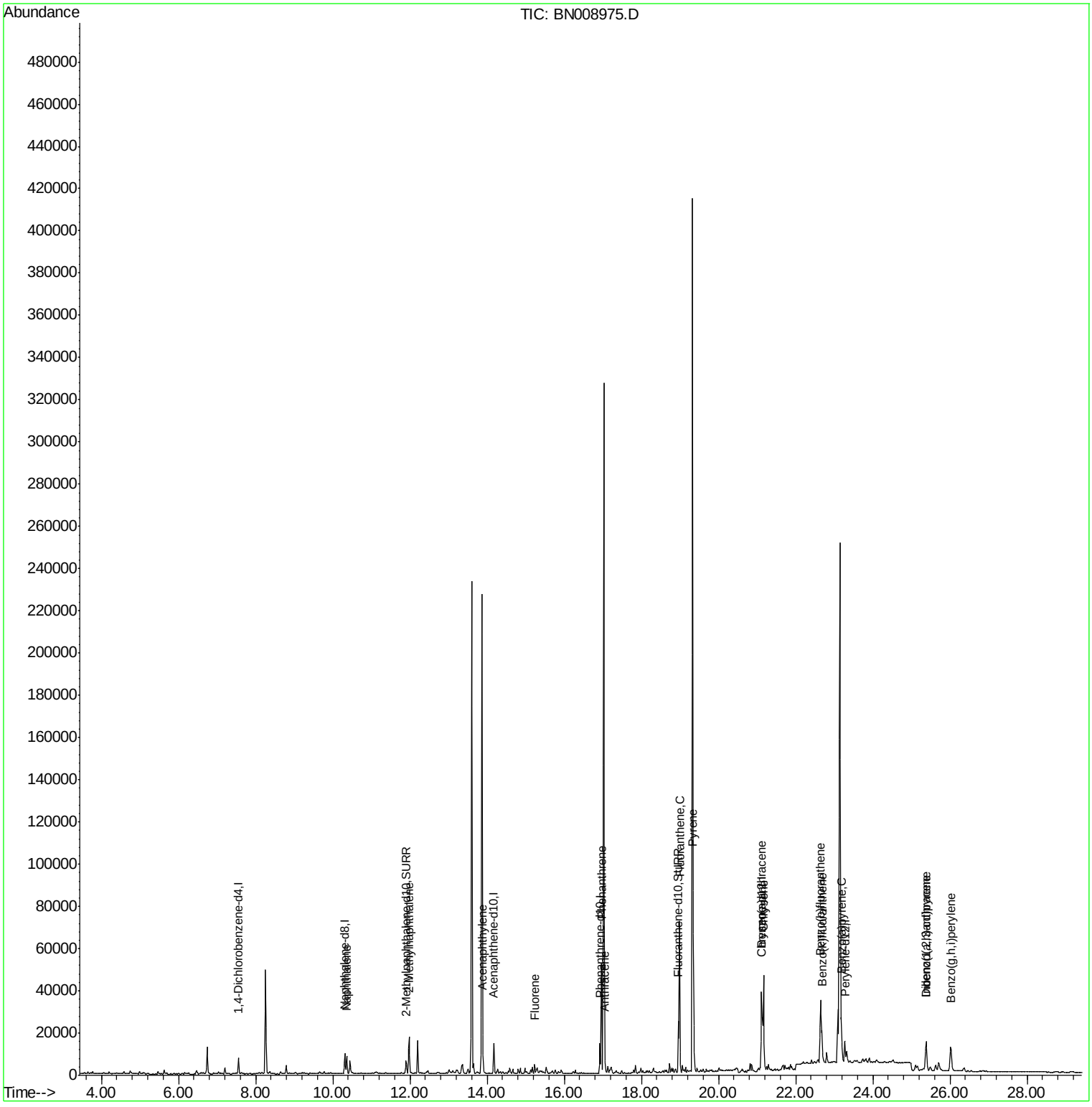
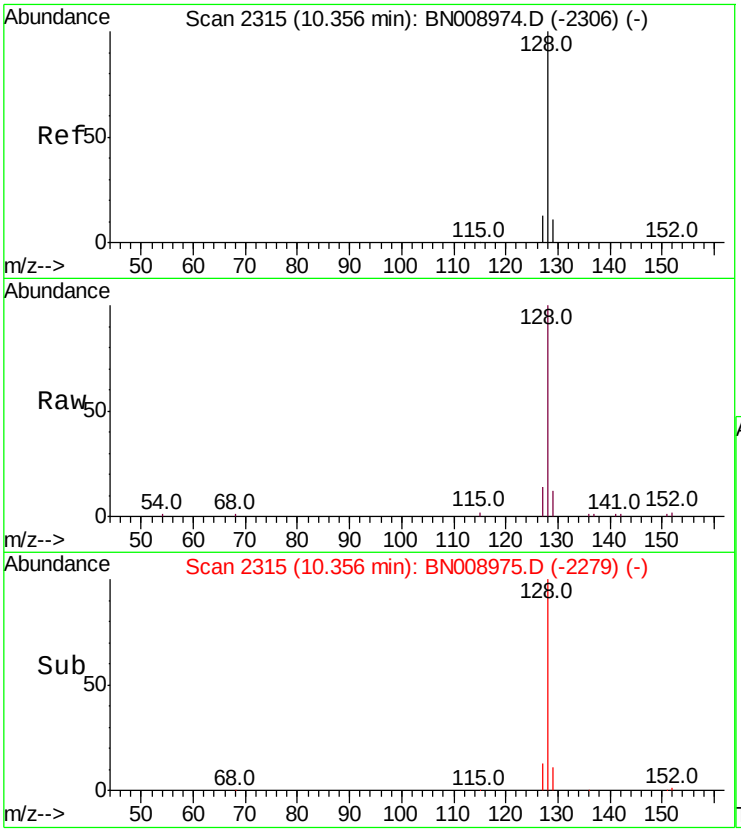
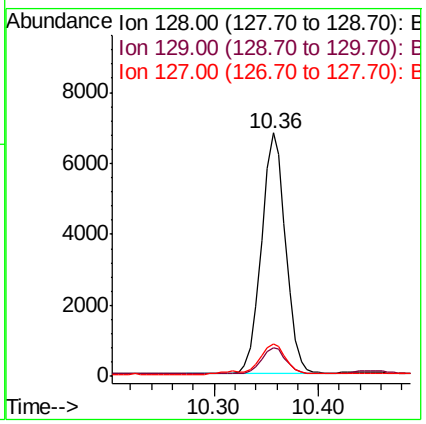




#3
Naphthalene
Concen: 0.331 ng/ul
RT: 10.36 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:128 Resp: 11116

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.5	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

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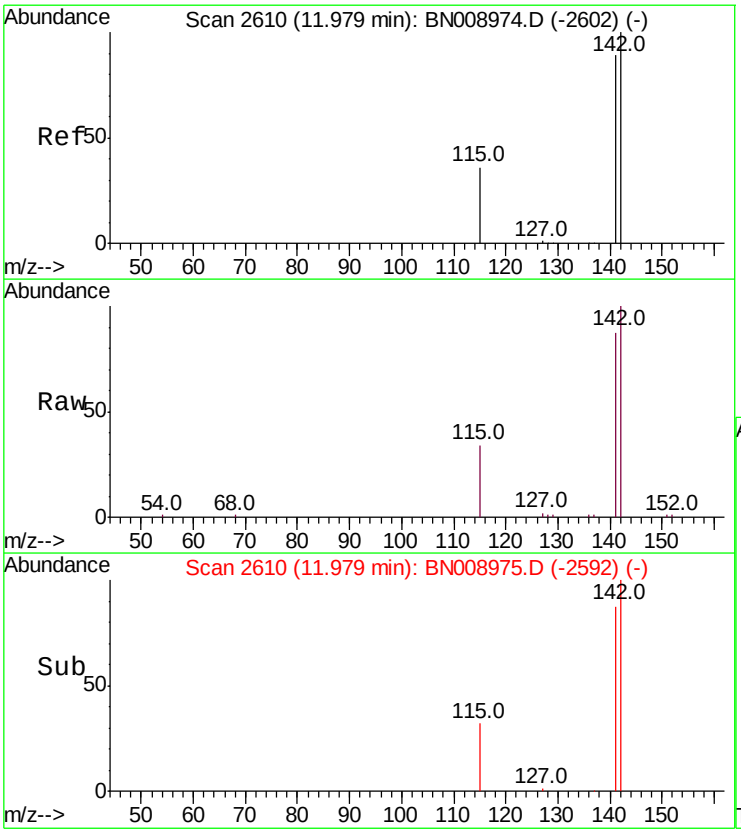
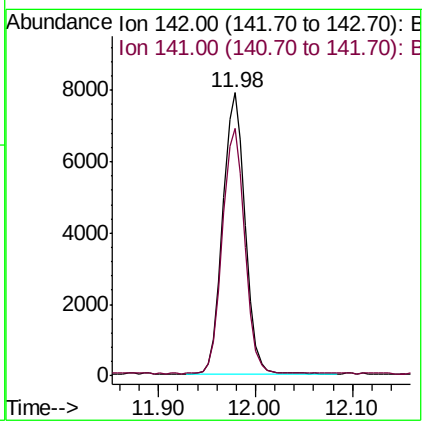
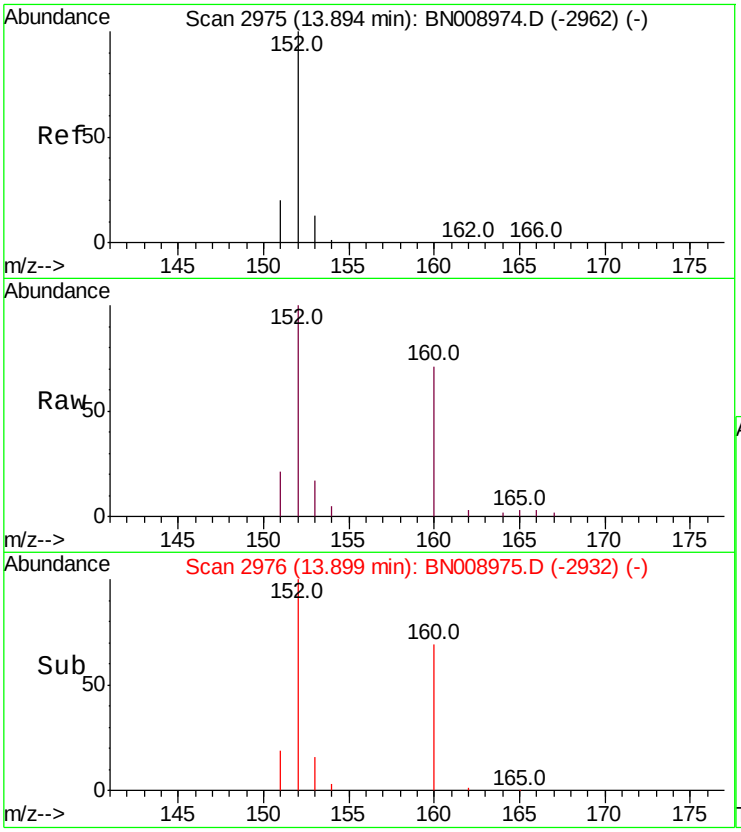


#5
2-Methylnaphthalene
Concen: 0.532 ng/ul
RT: 11.98 min Scan# 2610
Delta R.T. -0.00 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:142 Resp: 12493

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.1	105.1

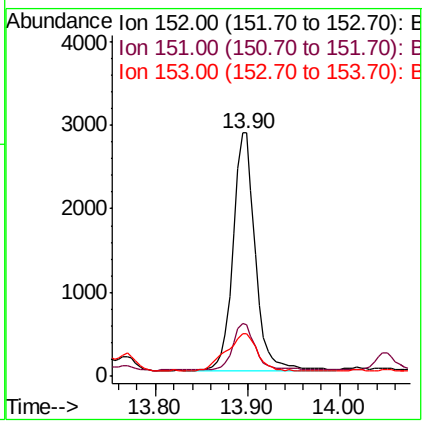




#7
Acenaphthylene
Concen: 0.119 ng/ul
RT: 13.90 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:152 Resp: 4747

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.8	23.6
153	17.5	10.6	15.8#



Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

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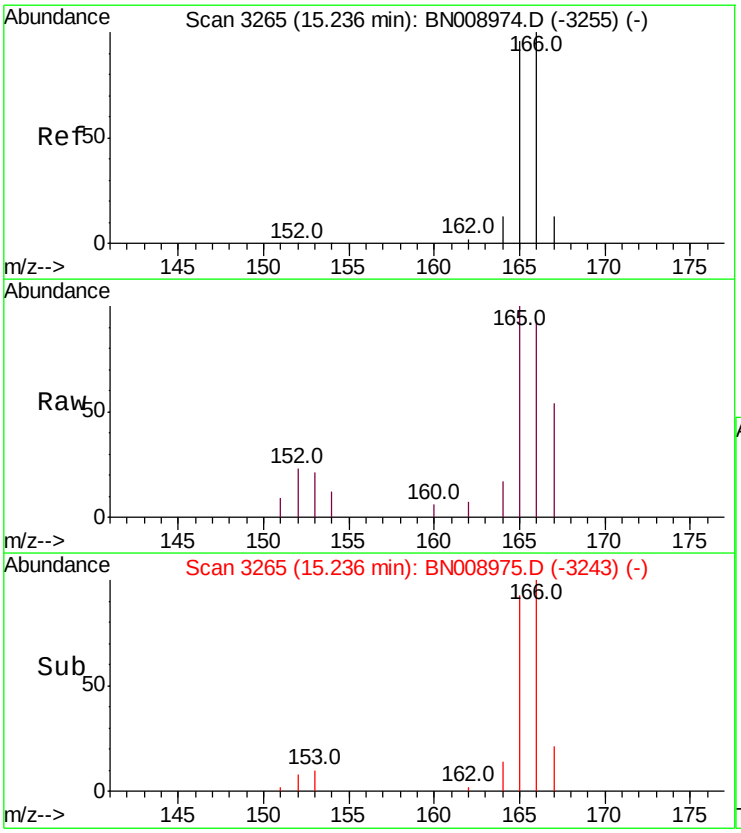
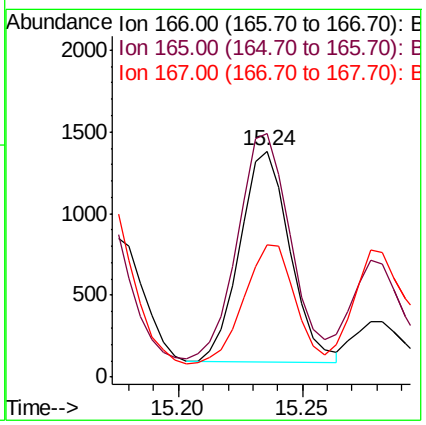
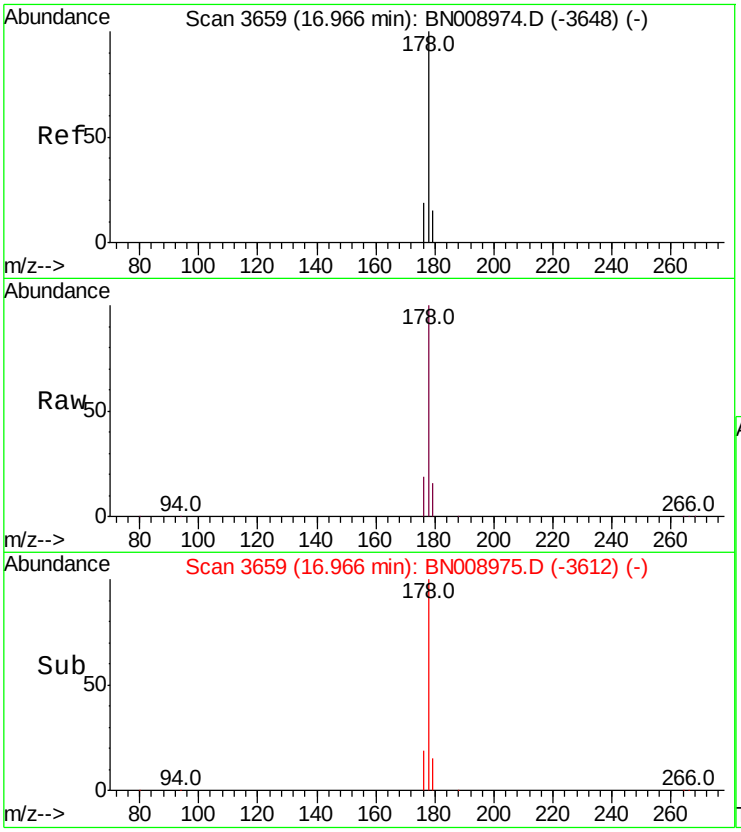


#9
Fluorene
Concen: 0.052 ng/ul
RT: 15.24 min Scan# 3265
Delta R.T. -0.00 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:166 Resp: 1802

Ion	Ratio	Lower	Upper
166	100		
165	107.8	77.7	116.5
167	58.7	11.1	16.7#

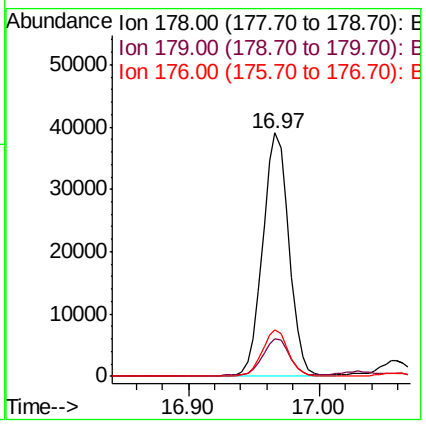




#12
Phenanthrene
Concen: 0.992 ng/ul
RT: 16.97 min Scan# 3659
Delta R.T. -0.00 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:178 Resp: 53798

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.9	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

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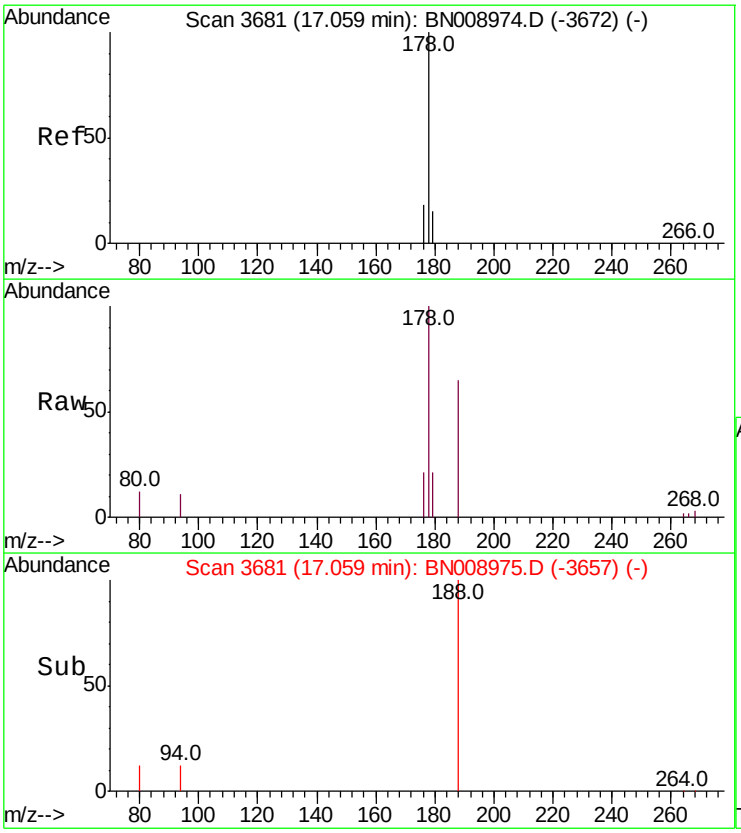
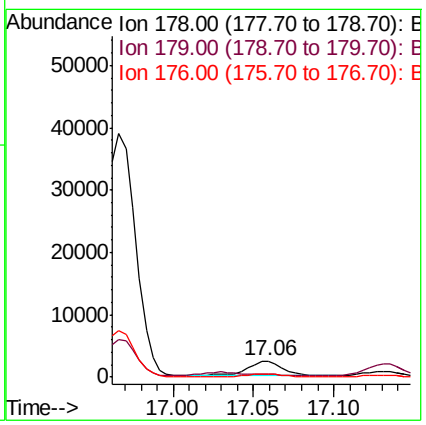
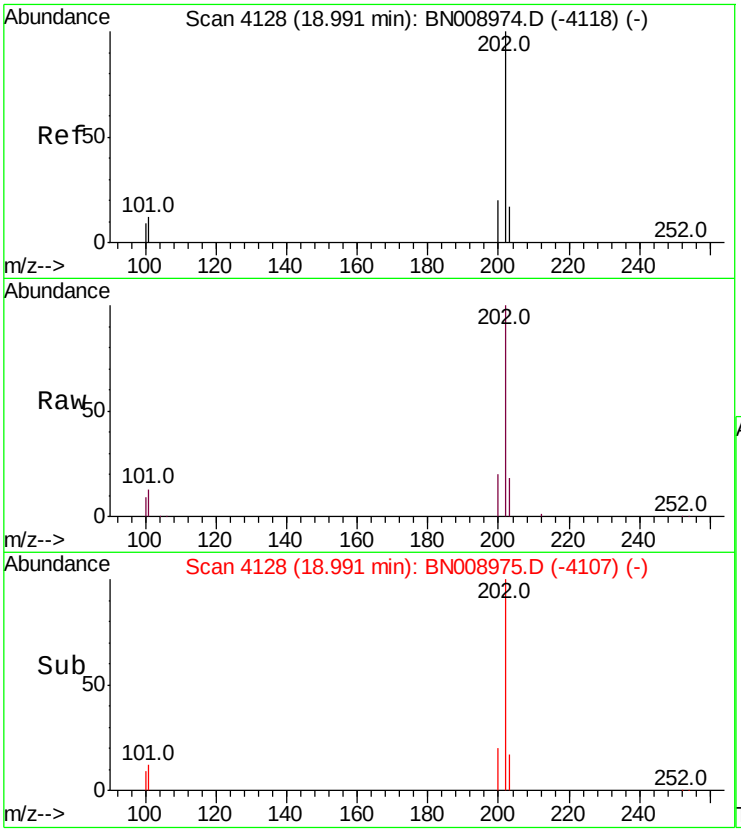


#13
Anthracene
Concen: 0.069 ng/ul
RT: 17.06 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:178 Resp: 3534

Ion	Ratio	Lower	Upper
178	100		
179	21.5	12.2	18.4#
176	21.1	14.7	22.1

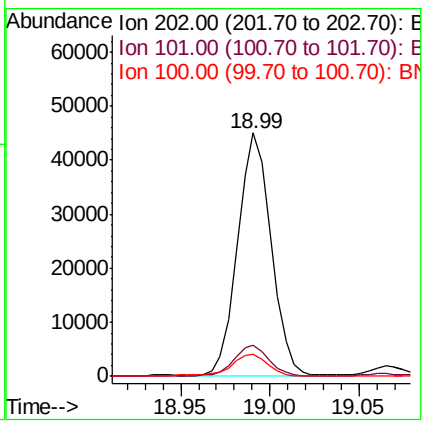




#15
Fluoranthene
Concen: 0.879 ng/ul
RT: 18.99 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:202 Resp: 58573

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.4
100	9.3	0.0	29.2



Instrument :
BNA_N
ClientSampleId :
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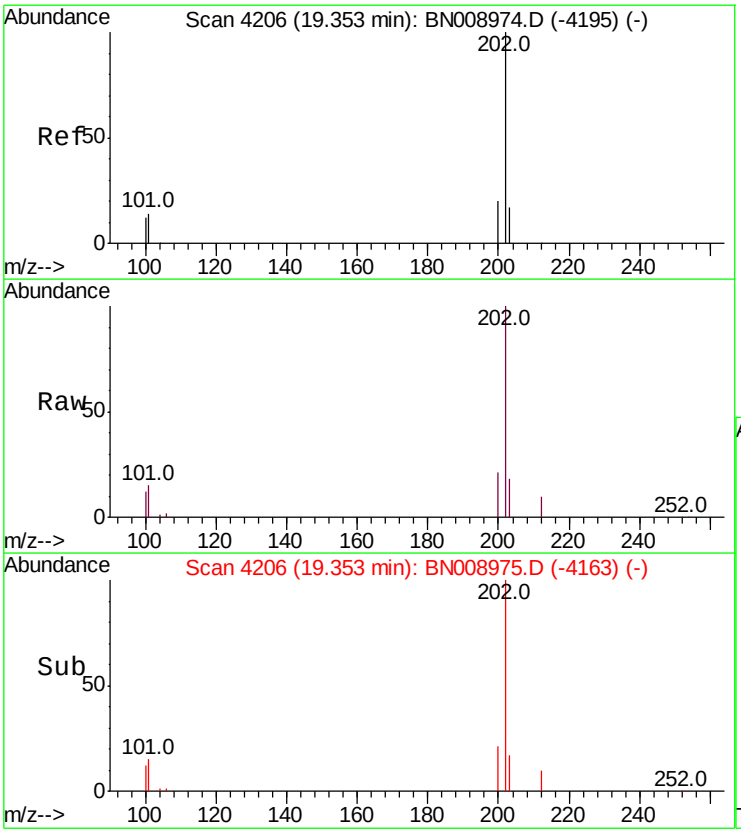
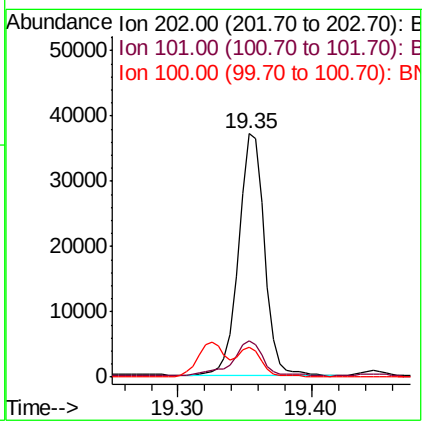
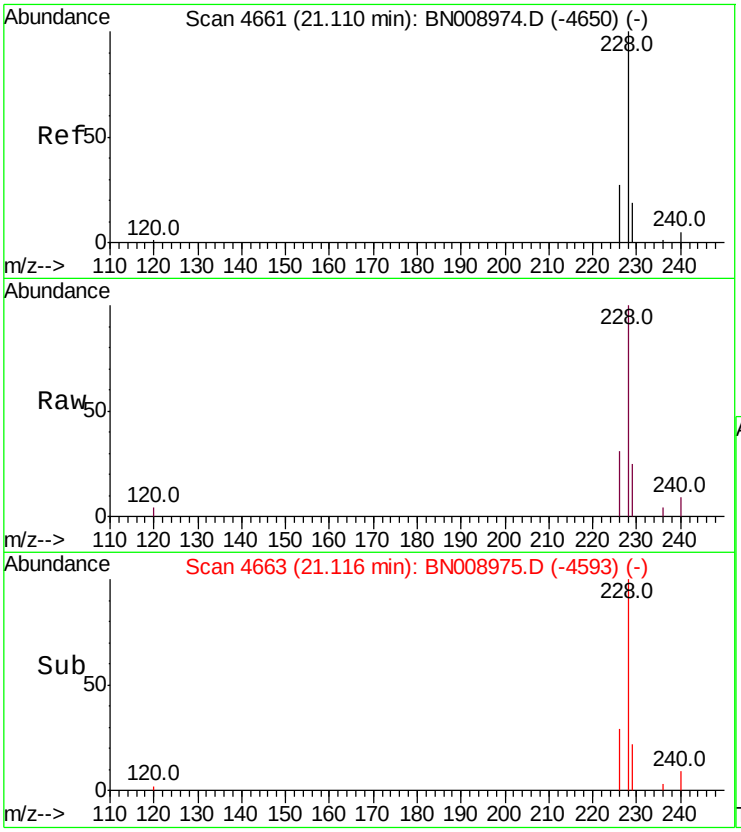


#17
Pyrene
Concen: 0.911 ng/ul
RT: 19.35 min Scan# 4206
Delta R.T. -0.00 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:202 Resp: 49720

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.2	18.4
100	12.2	9.5	14.3

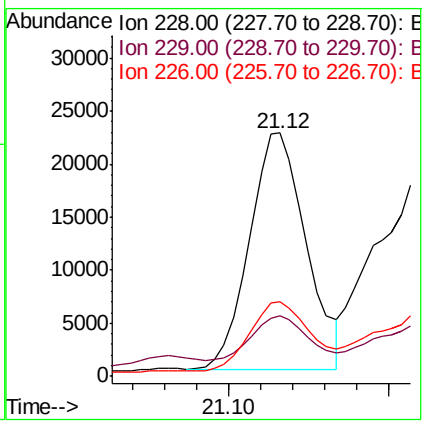




#18
Benzo(a)anthracene
Concen: 0.504 ng/ul
RT: 21.12 min Scan# 4663
Delta R.T. 0.01 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:228 Resp: 27581

Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.7	23.5#
226	30.5	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

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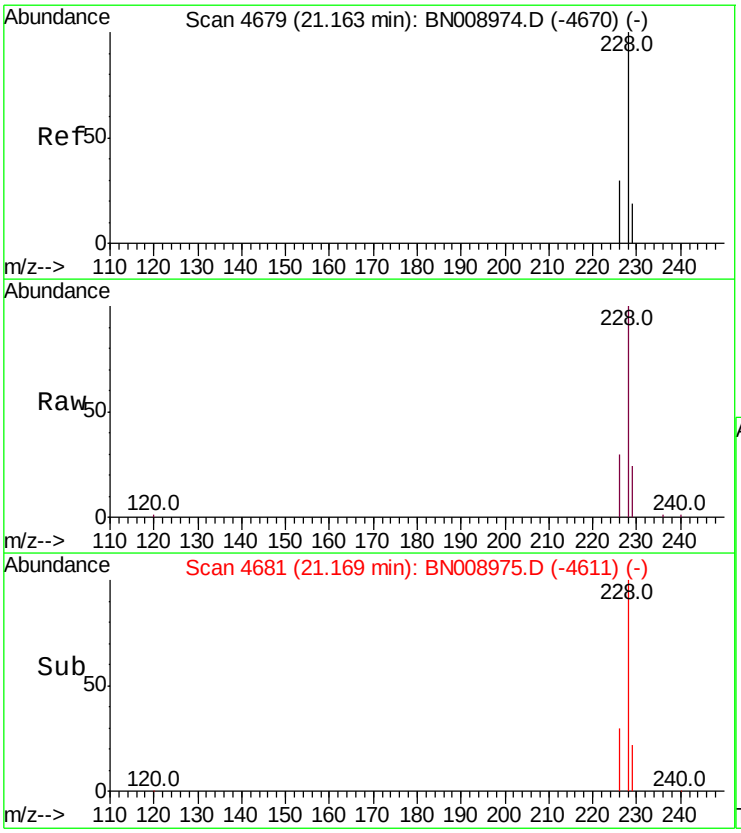
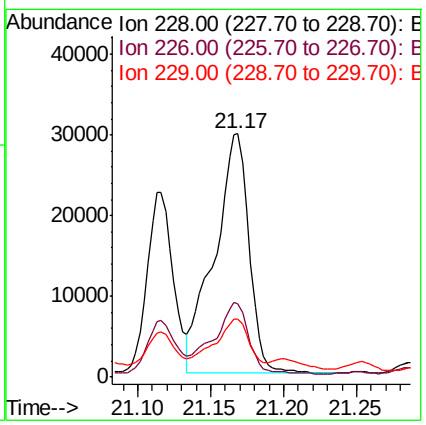
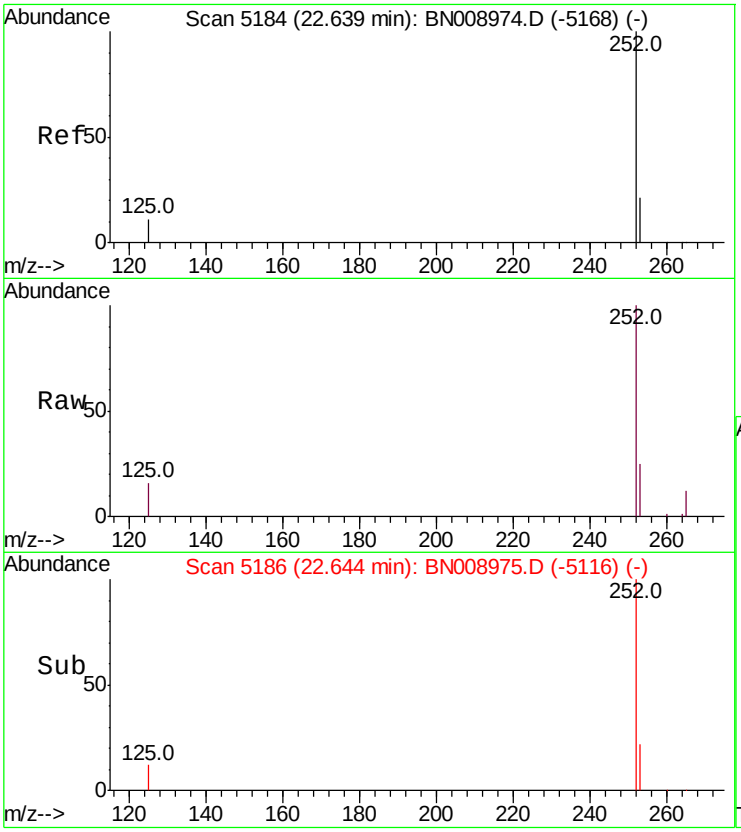


#19
Chrysene
Concen: 0.913 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. 0.01 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:228 Resp: 49041

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	24.0	15.6	23.4#

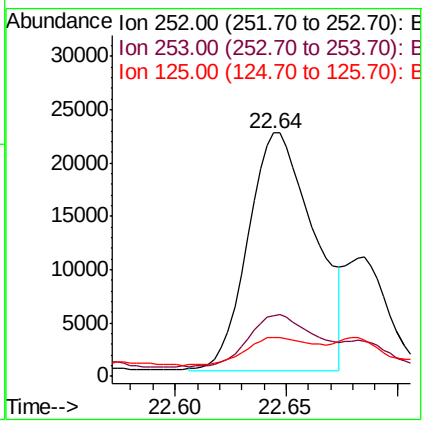




#21
Benzo(b)fluoranthene
Concen: 0.899 ng/ul m
RT: 22.64 min Scan# 5186
Delta R.T. 0.01 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:252 Resp: 46299

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	48.6
125	16.0	0.0	31.6



Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

Manual Integrations APPROVED
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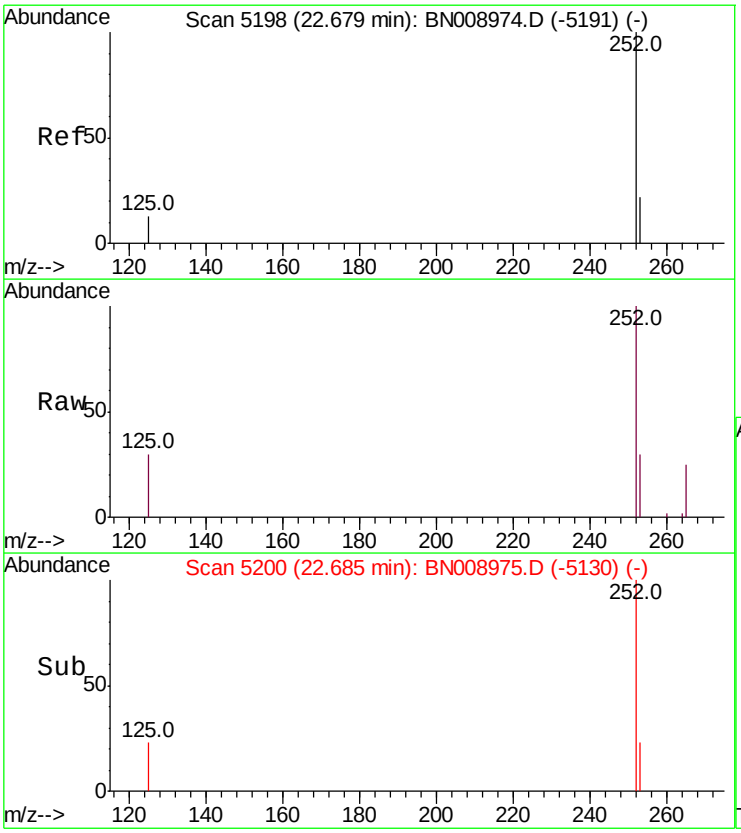
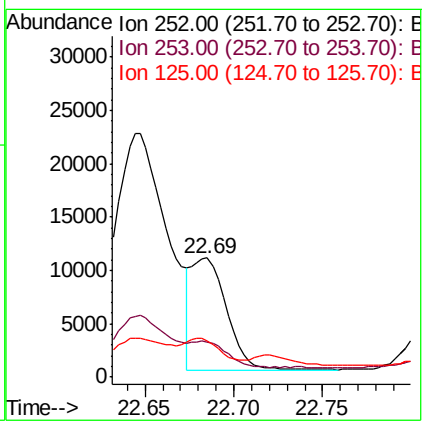
12/16/2019 12:24:01 PM

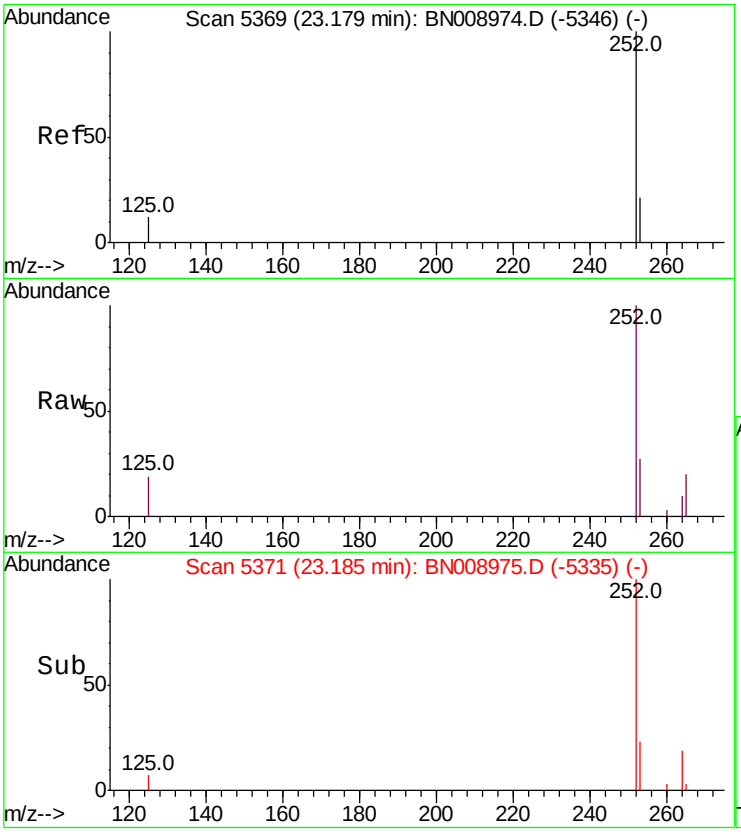


#22
Benzo(k)fluoranthene
Concen: 0.279 ng/ul m
RT: 22.69 min Scan# 5200
Delta R.T. 0.01 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:252 Resp: 14270

Ion	Ratio	Lower	Upper
252	100		
253	29.7	19.6	29.4#
125	30.3	13.8	20.6#





#23
Benzo(a)pyrene
Concen: 0.531 ng/ul
RT: 23.19 min Scan# 5371
Delta R.T. 0.01 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:252 Resp: 25663

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.9	29.9
125	18.5	14.6	22.0

Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

Manual Integrations APPROVED
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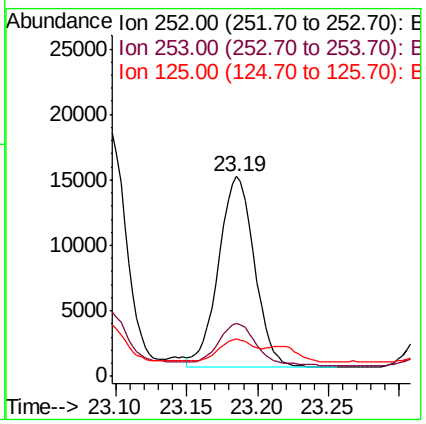
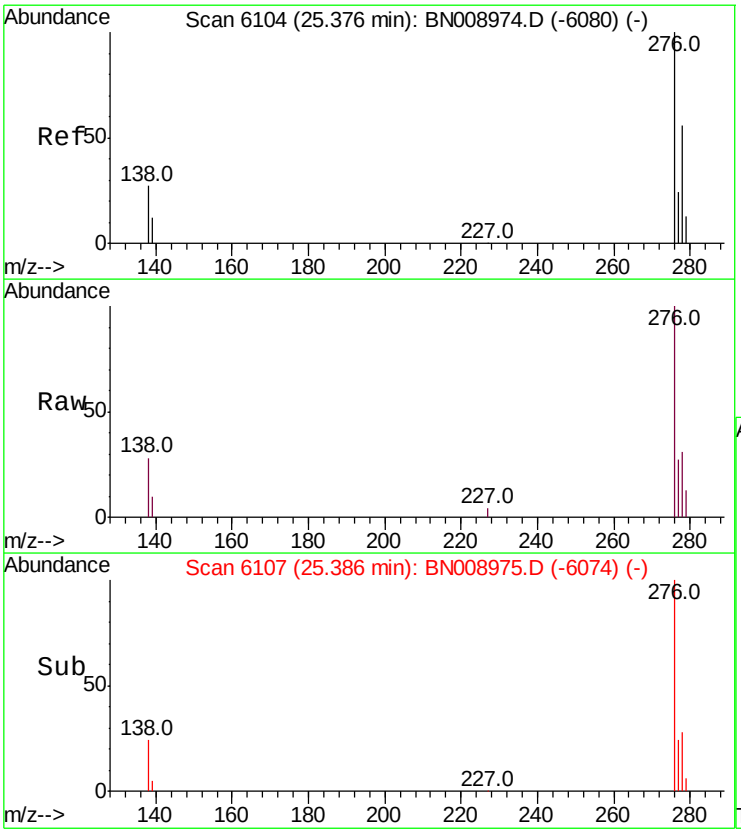
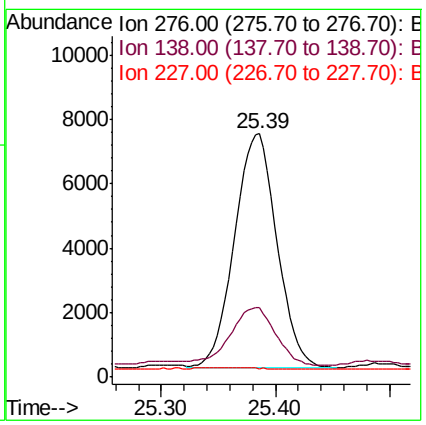


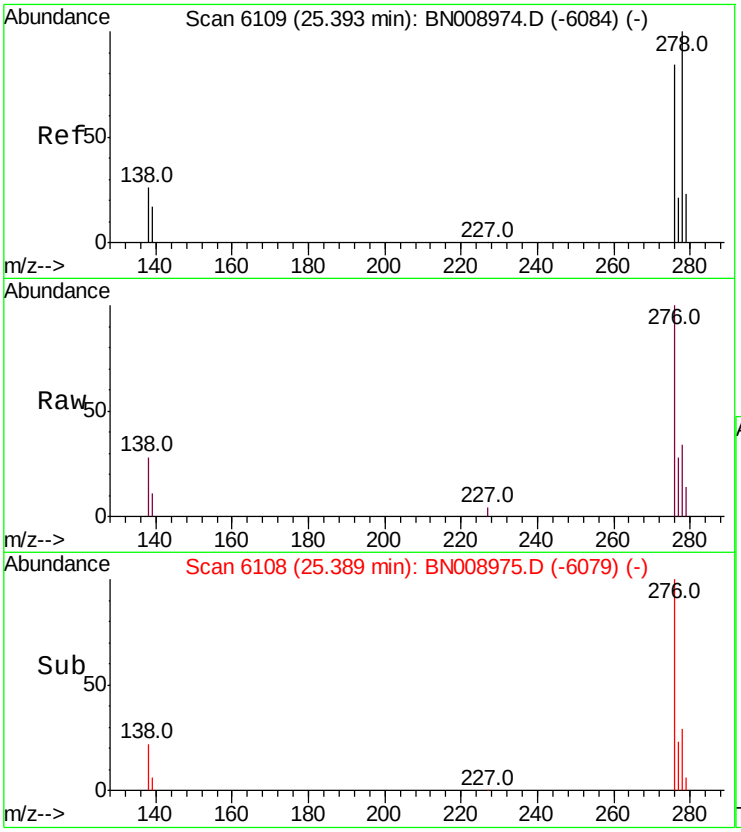


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.330 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. 0.01 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:276 Resp: 18679

Ion	Ratio	Lower	Upper
276	100		
138	26.5	23.8	35.6
227	0.8	0.2	0.2#

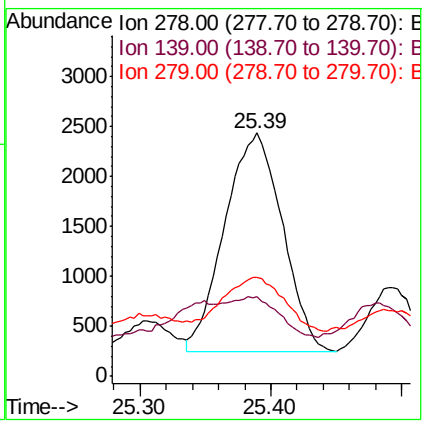




#25
Dibenzo(a,h)anthracene
Concen: 0.146 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. -0.00 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:278 Resp: 6673

Ion	Ratio	Lower	Upper
278	100		
139	32.7	17.4	26.0#
279	40.7	20.5	30.7#



Instrument :
BNA_N
ClientSampleId :
C0BQ3DL

Manual Integrations APPROVED
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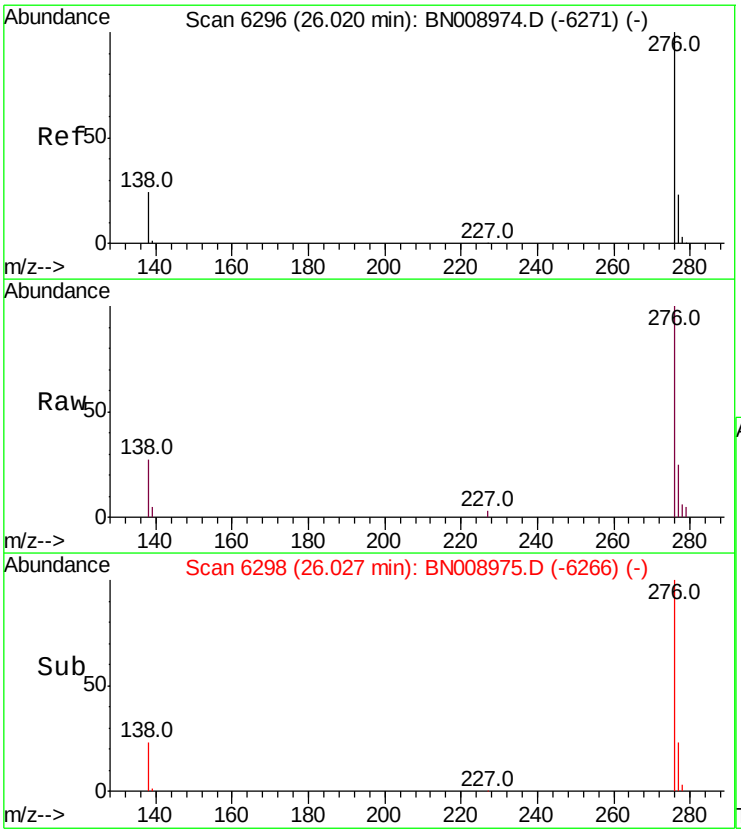

#26
Benzo(g,h,i)perylene
Concen: 0.463 ng/ul
RT: 26.03 min Scan# 6298
Delta R.T. 0.01 min
Lab File: BN008975.D
Acq: 13 Dec 2019 20:11

Tgt Ion:276 Resp: 21884

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.9	32.9
277	25.5	19.9	29.9