Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
Data File : BN008945.D
Acq On : 12 Dec 2019 14:53
Operator : JU
Sample : K6089-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 17:25:18 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 : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0BP9

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2567	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10845	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6962	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15784	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13826	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14827	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	1616	0.09	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	4556	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	2379	0.073	ng/ul#	92
5) 2-Methylnaphthalene	11.98	142	2129	0.093	ng/ul	99
7) Acenaphthylene	13.90	152	4654	0.121	ng/ul	96
9) Fluorene	15.24	166	879	0.026	ng/ul#	82
12) Phenanthrene	16.97	178	51518	0.968	ng/ul	99
13) Anthracene	17.06	178	3270	0.065	ng/ul#	93
15) Fluoranthene	18.99	202	82676	1.264	ng/ul	99
17) Pyrene	19.35	202	75537	1.362	ng/ul	99
18) Benzo(a)anthracene	21.11	228	35740	0.643	ng/ul	96
19) Chrysene	21.17	228	60190	1.102	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	68687m	1.123	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	26537m	0.438	ng/ul	
23) Benzo(a)pyrene	23.18	252	31429	0.548	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.38	276	24310	0.362	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.39	278	6087	0.112	ng/ul#	83
26) Benzo(g,h,i)perylene	26.02	276	23538	0.419	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
Data File : BN008945.D
Acq On : 12 Dec 2019 14:53
Operator : JU
Sample : K6089-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 17:25:18 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 : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BP9

Manual Integrations APPROVED
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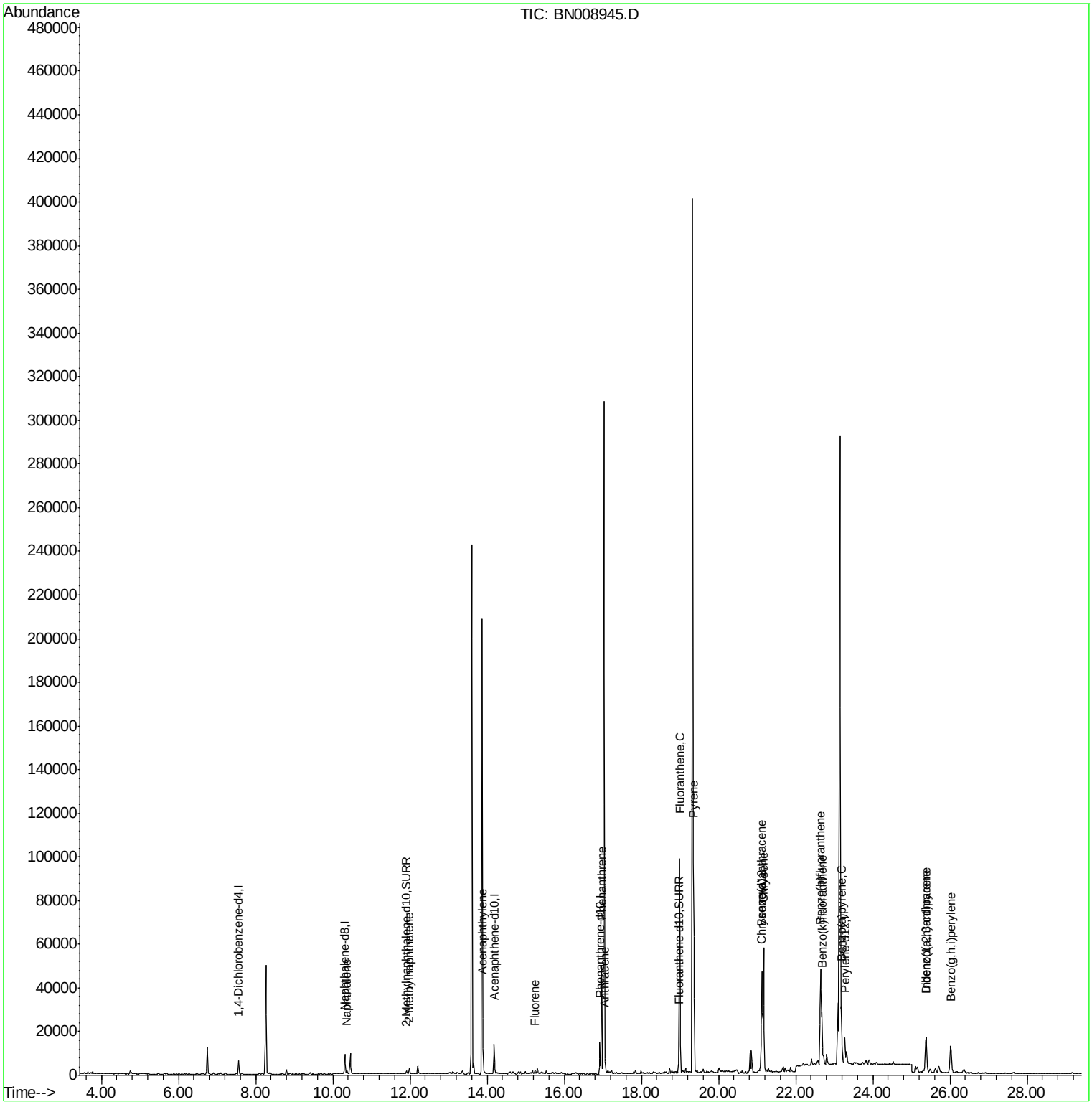
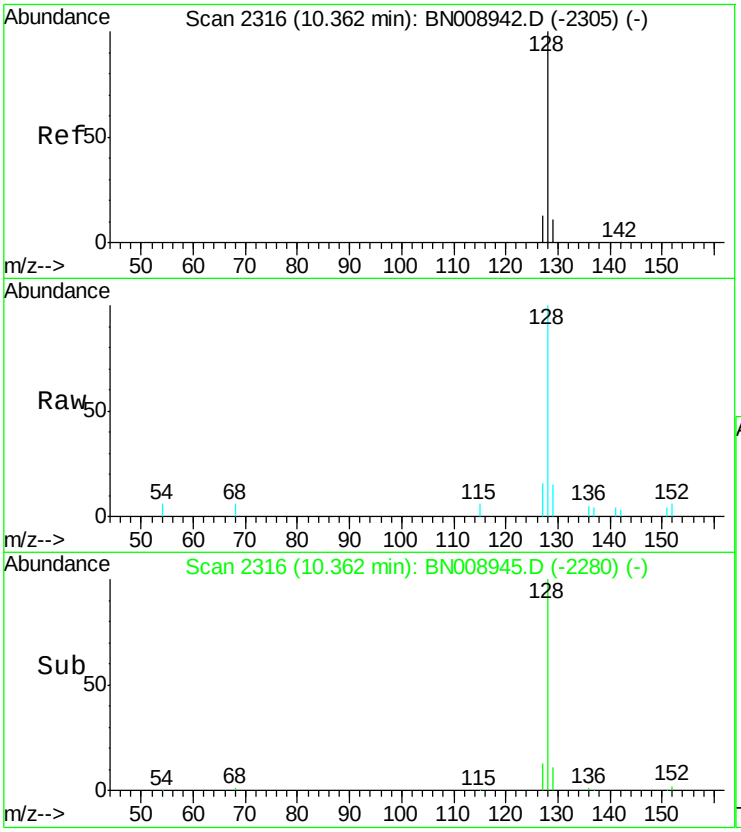
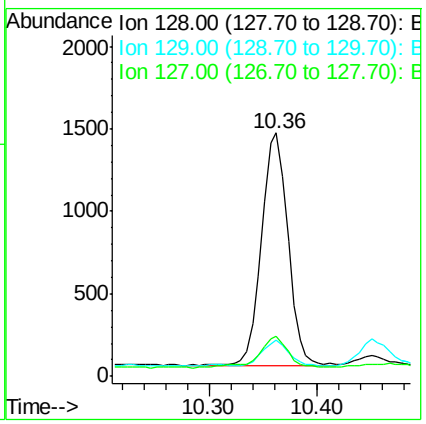




#3
Naphthalene
Concen: 0.073 ng/ul
RT: 10.36 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:128 Resp: 2379

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.1	13.7#
127	16.3	10.7	16.1#



Instrument :
BNA_N
ClientSampleId :
C0BP9

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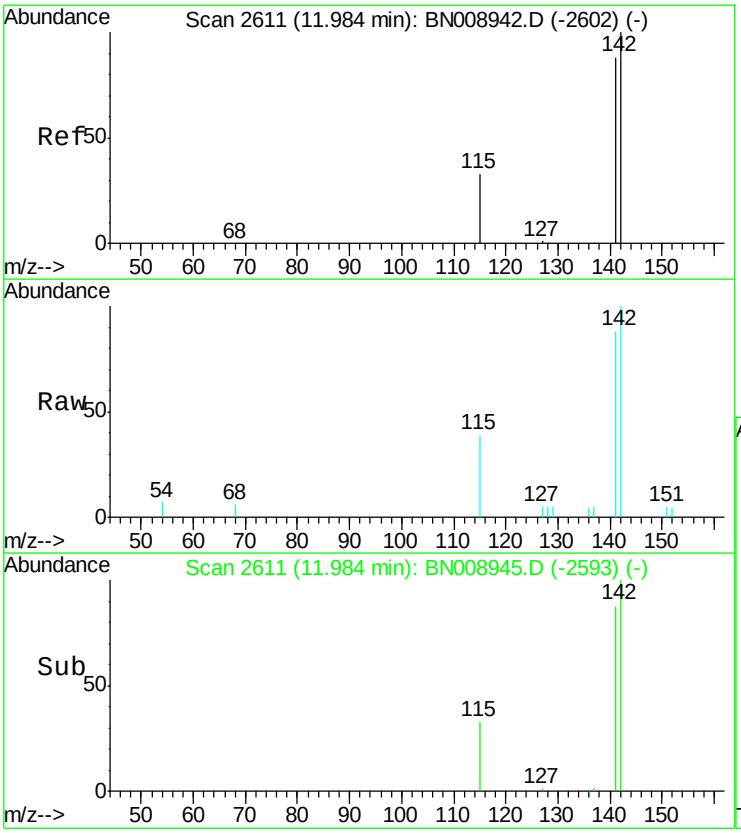
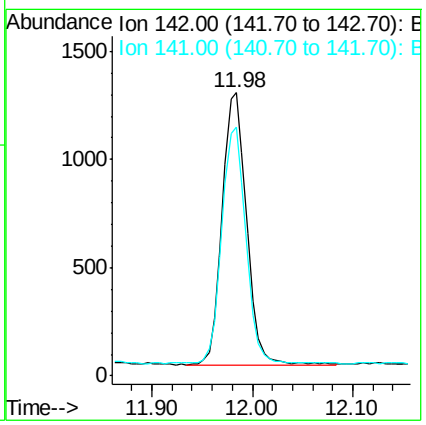
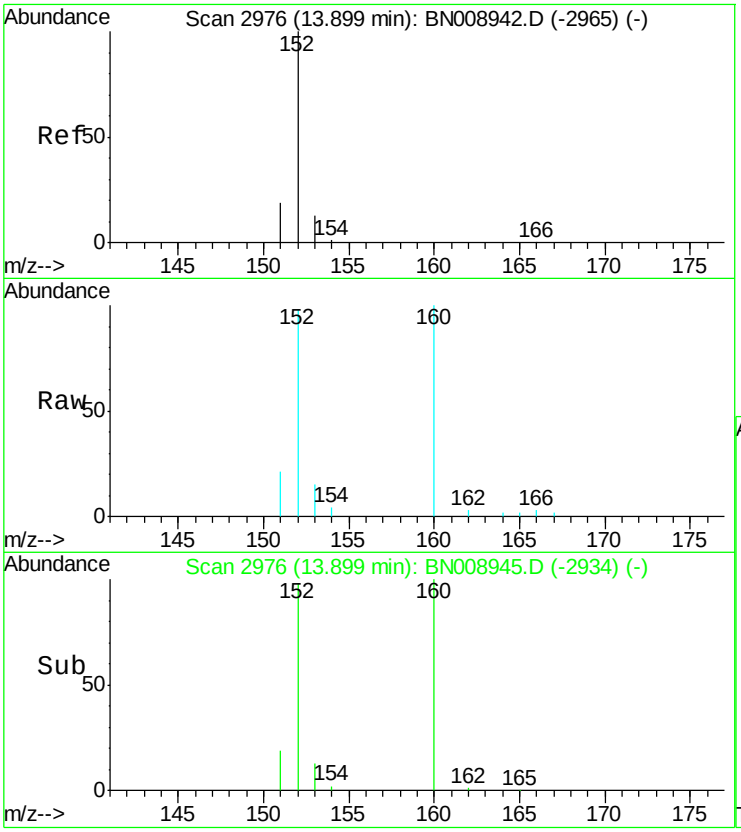


#5
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 11.98 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:142 Resp: 2129

Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.1	105.1

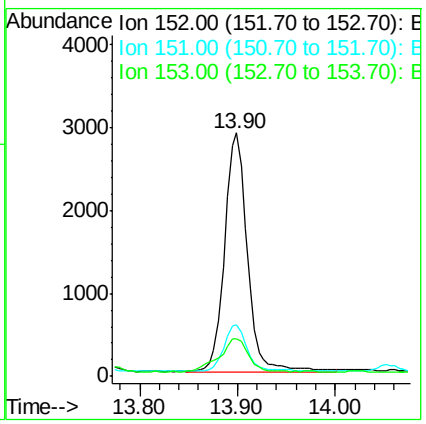




#7
Acenaphthylene
Concen: 0.121 ng/ul
RT: 13.90 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:152 Resp: 4654

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.8	23.6
153	15.3	10.6	15.8



Instrument :
BNA_N
ClientSampleId :
C0BP9

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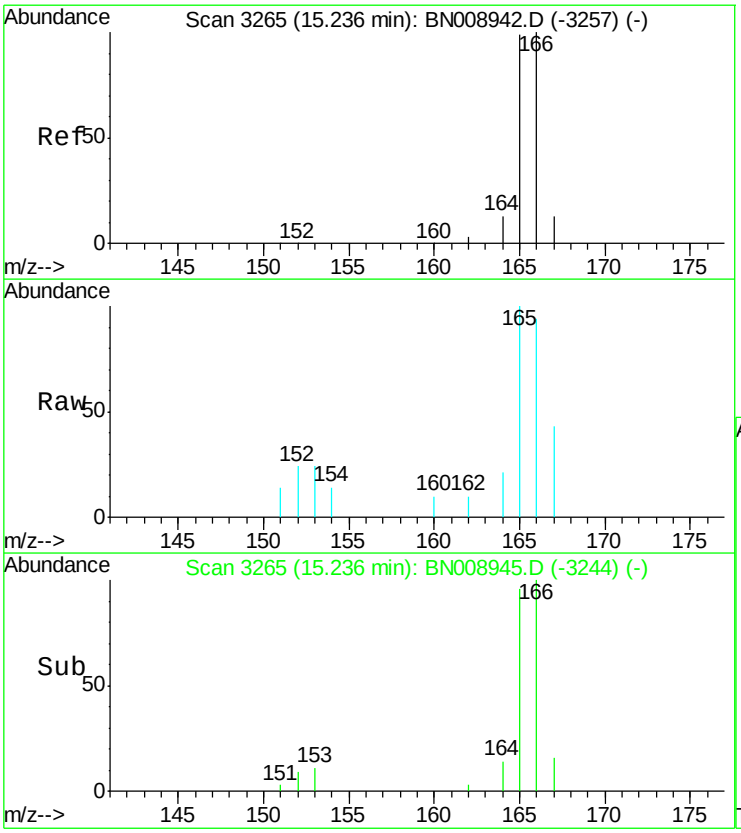
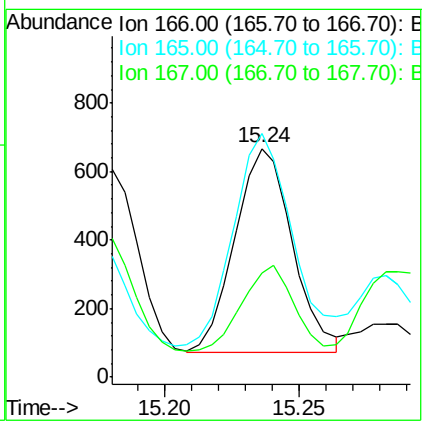
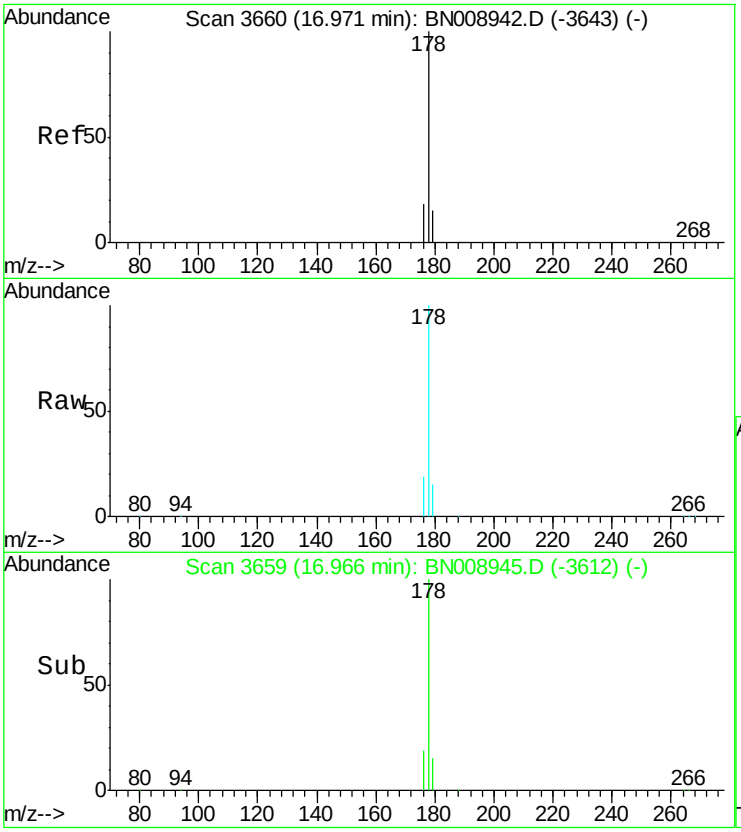


#9
Fluorene
Concen: 0.026 ng/ul
RT: 15.24 min Scan# 3265
Delta R.T. -0.00 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:166 Resp: 879

Ion	Ratio	Lower	Upper
166	100		
165	106.4	77.7	116.5
167	45.5	11.1	16.7#

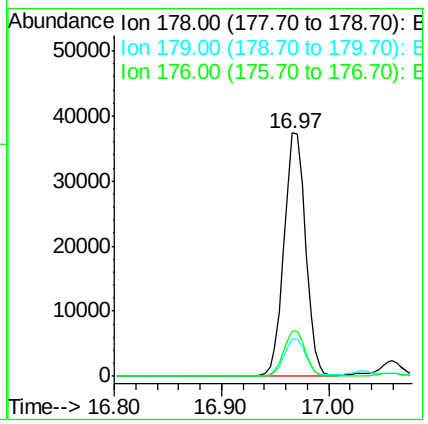




#12
Phenanthrene
Concen: 0.968 ng/ul
RT: 16.97 min Scan# 3659
Delta R.T. -0.00 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:178 Resp: 51518

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.8	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0BP9

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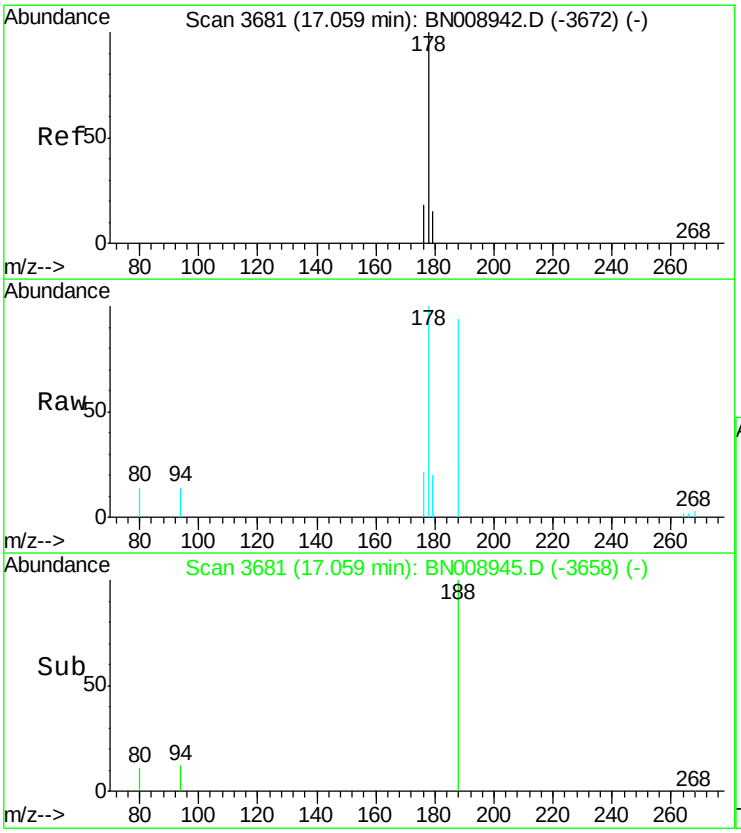
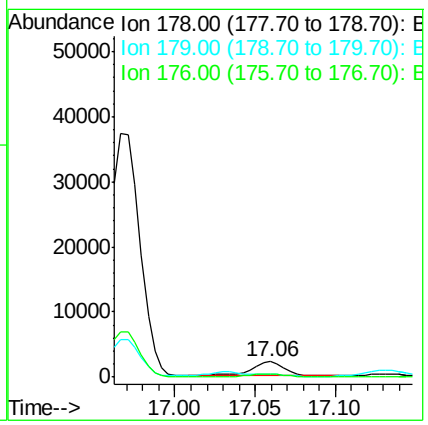
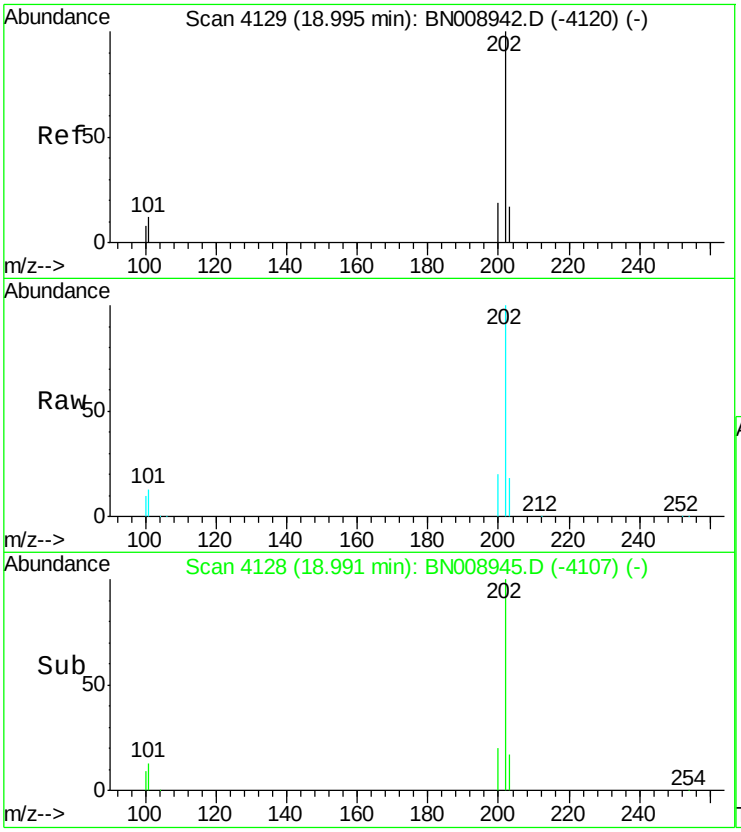


#13
Anthracene
Concen: 0.065 ng/ul
RT: 17.06 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:178 Resp: 3270

Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.2	18.4#
176	20.6	14.7	22.1

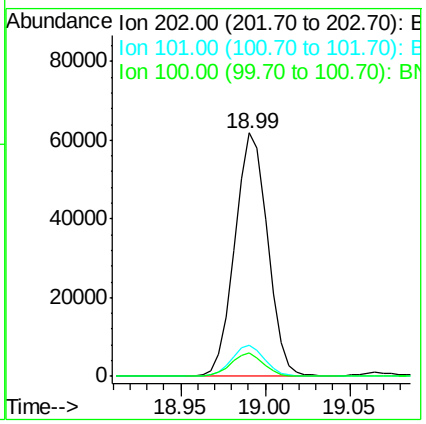




#15
Fluoranthene
Concen: 1.264 ng/ul
RT: 18.99 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:202 Resp: 82676

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.4
100	9.5	0.0	29.2



Instrument :
BNA_N
ClientSampleId :
C0BP9

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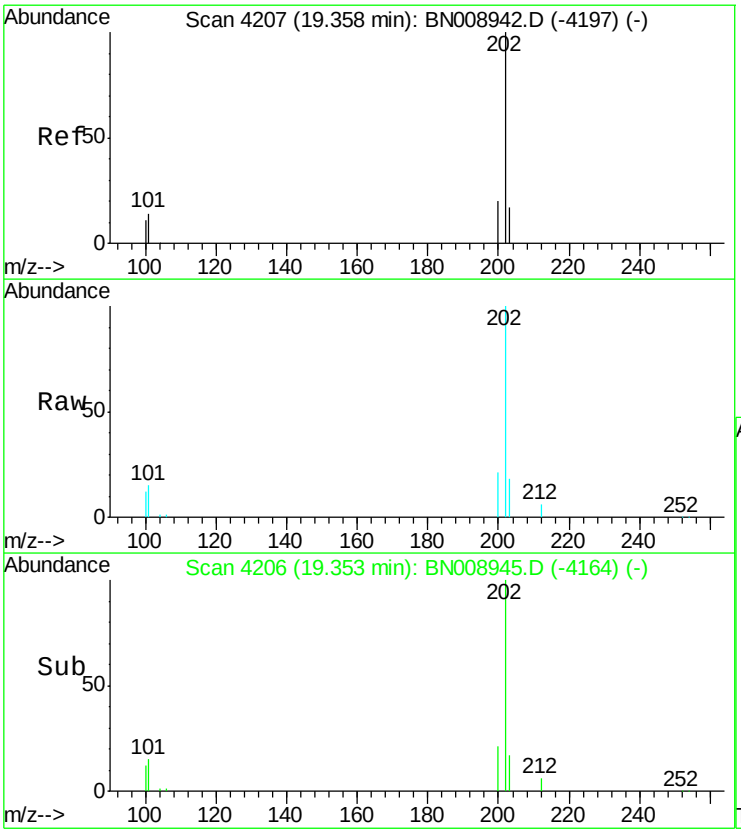
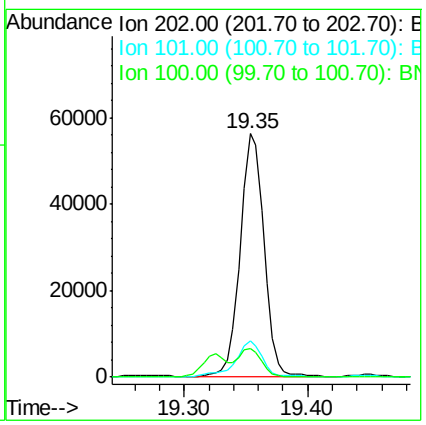
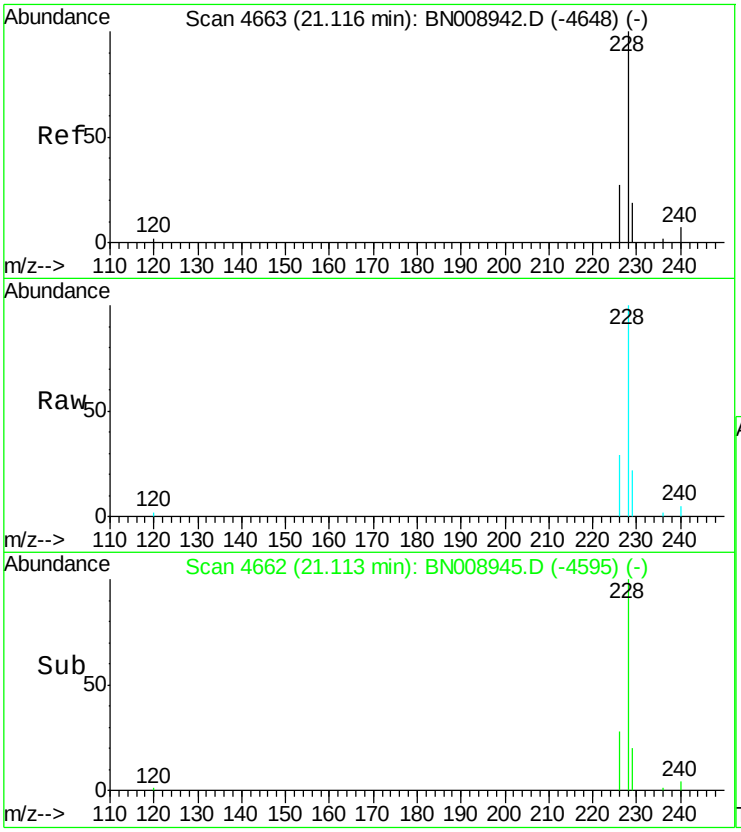


#17
Pyrene
Concen: 1.362 ng/ul
RT: 19.35 min Scan# 4206
Delta R.T. -0.00 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:202 Resp: 75537

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.2	18.4
100	12.0	9.5	14.3

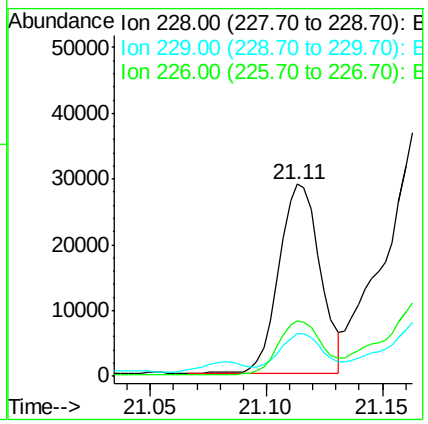




#18
Benzo(a)anthracene
Concen: 0.643 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.01 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:228 Resp: 35740

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.7	23.5
226	28.7	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0BP9

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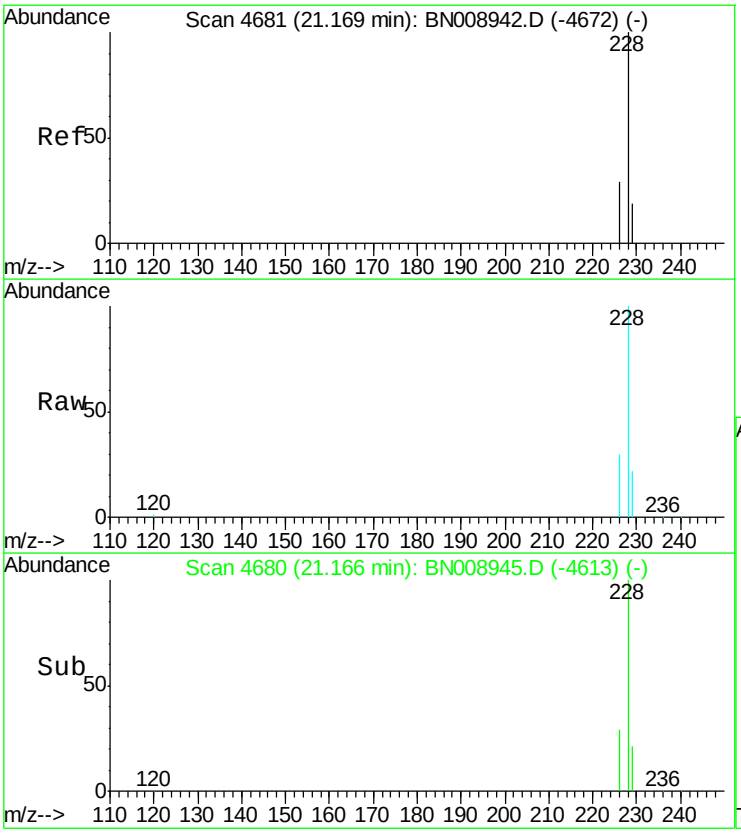
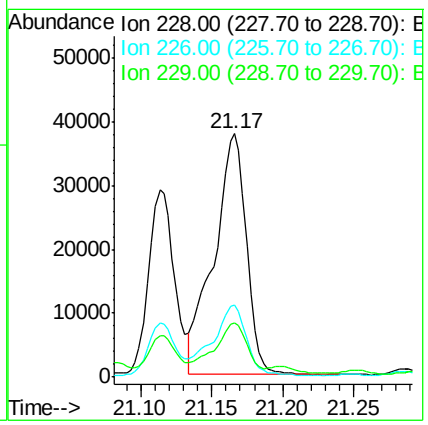
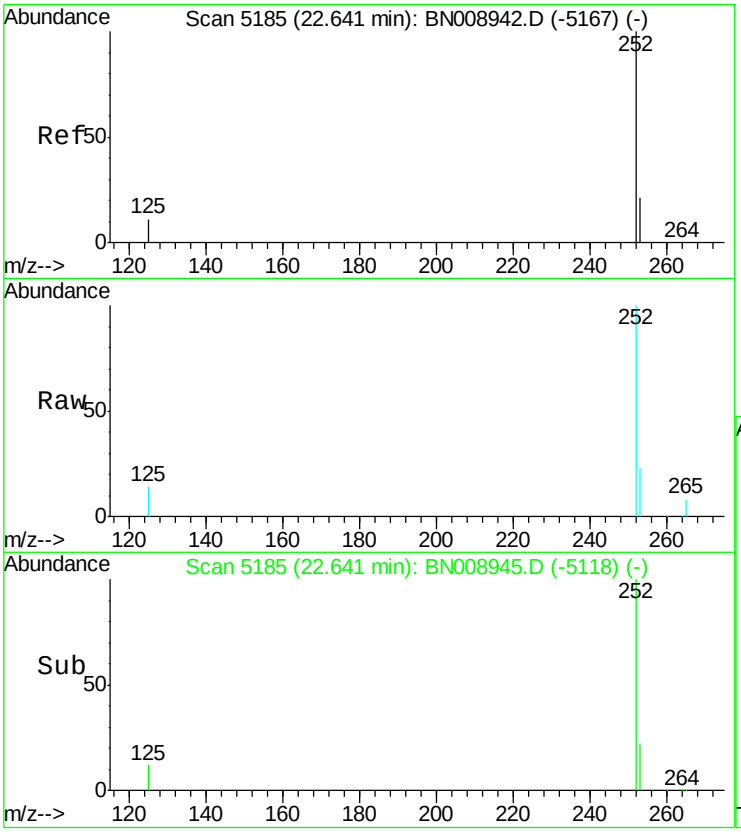


#19
Chrysene
Concen: 1.102 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.00 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:228 Resp: 60190

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	22.2	15.6	23.4

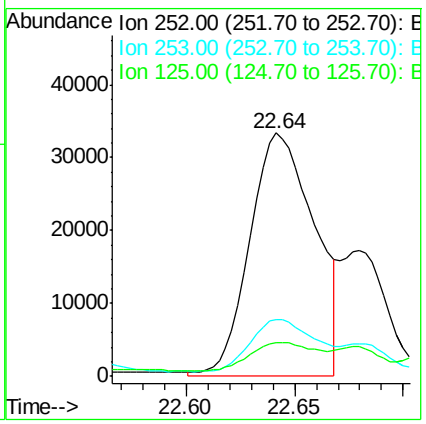




#21
Benzo(b)fluoranthene
Concen: 1.123 ng/ul m
RT: 22.64 min Scan# 5185
Delta R.T. -0.00 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:252 Resp: 68687

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	48.6
125	13.9	0.0	31.6



Instrument :
BNA_N
ClientSampleId :
C0BP9

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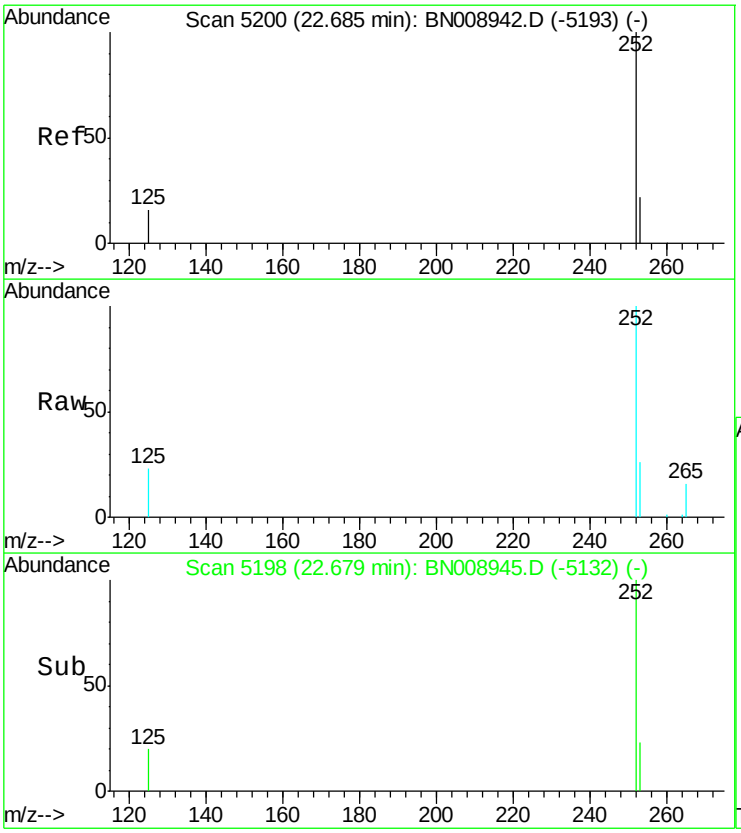
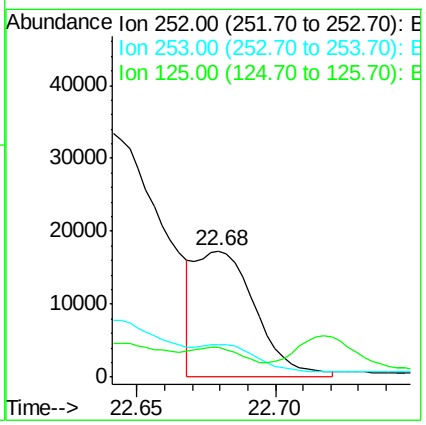
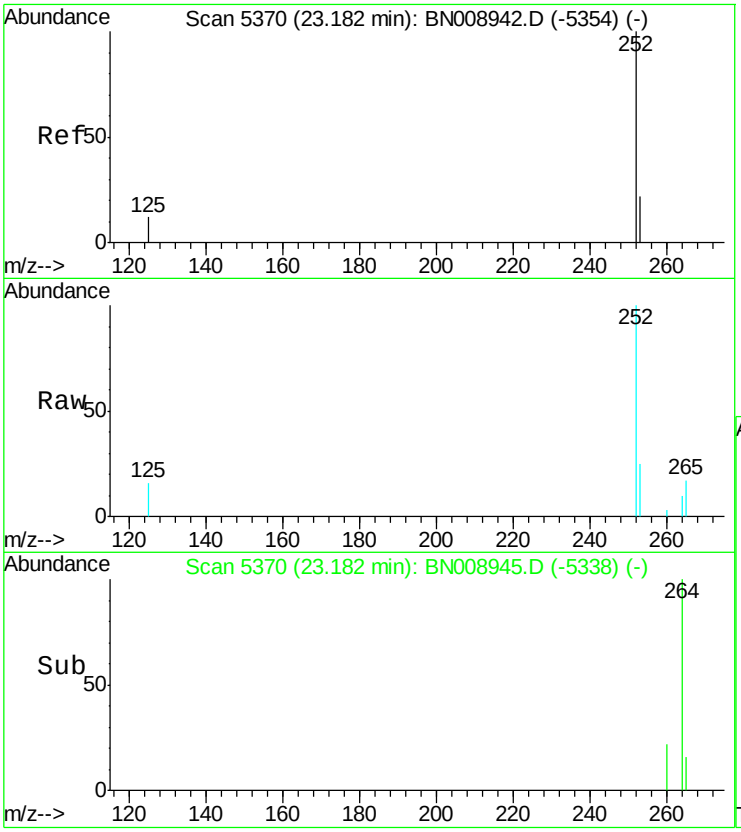


#22
Benzo(k)fluoranthene
Concen: 0.438 ng/ul m
RT: 22.68 min Scan# 5198
Delta R.T. -0.01 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:252 Resp: 26537

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.6	29.4
125	23.3	13.8	20.6#





#23
Benzo(a)pyrene
Concen: 0.548 ng/ul
RT: 23.18 min Scan# 5370
Delta R.T. -0.00 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:252 Resp: 31429

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.9	29.9
125	15.8	14.6	22.0

Instrument :
BNA_N
ClientSampleId :
C0BP9

Manual Integrations APPROVED
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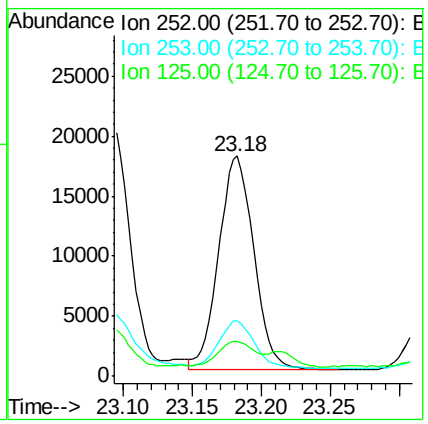
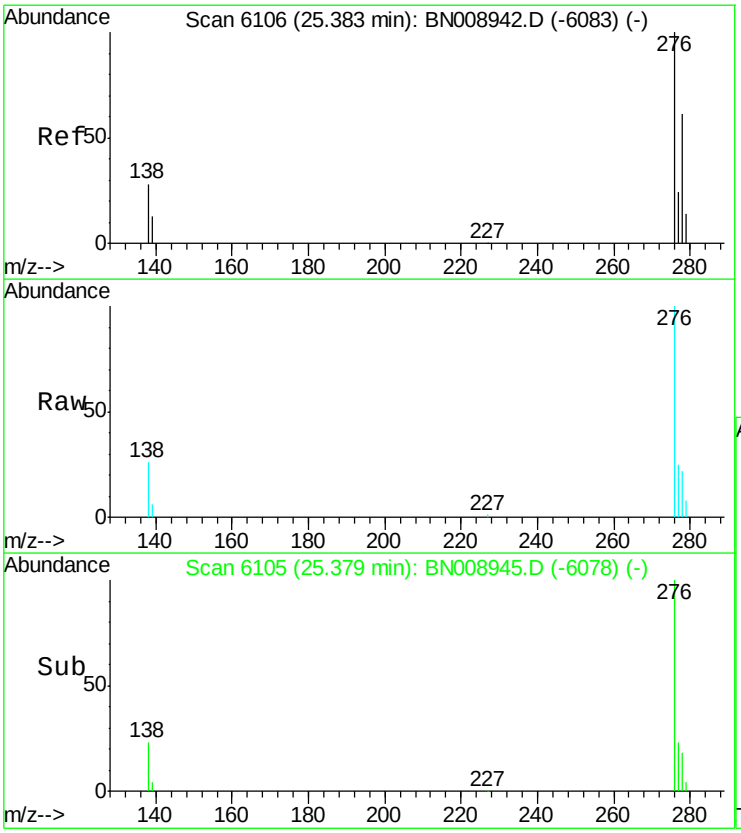
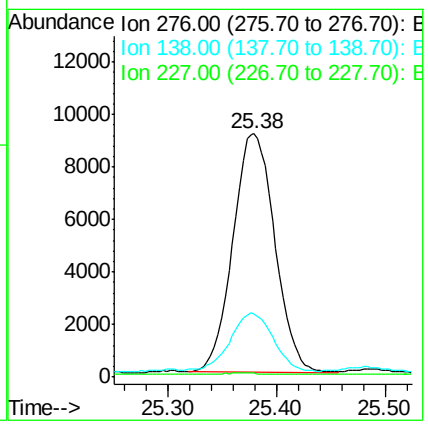


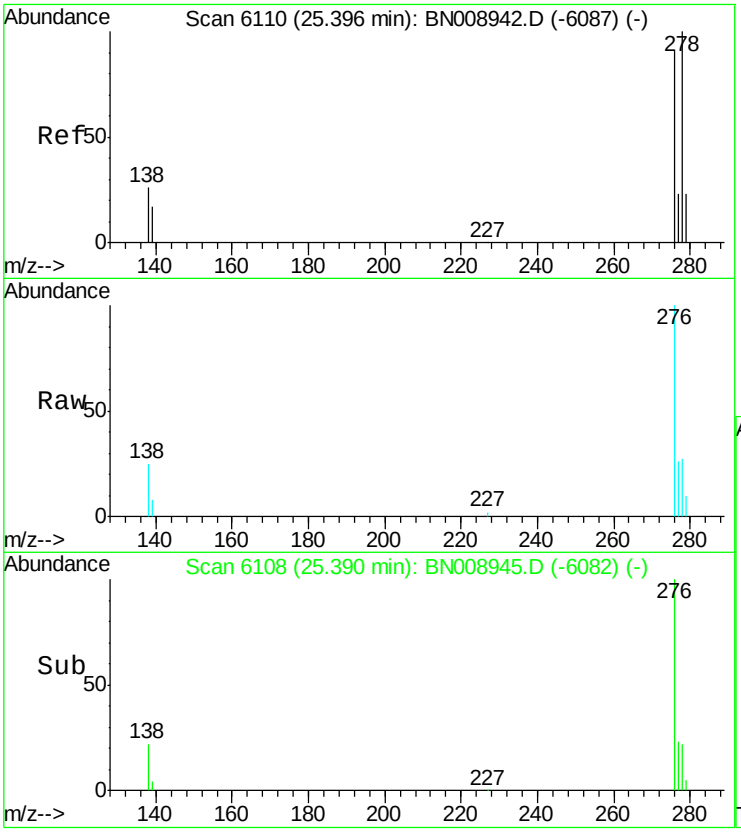


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:276 Resp: 24310

Ion	Ratio	Lower	Upper
276	100		
138	24.9	23.8	35.6
227	0.3	0.2	0.2#

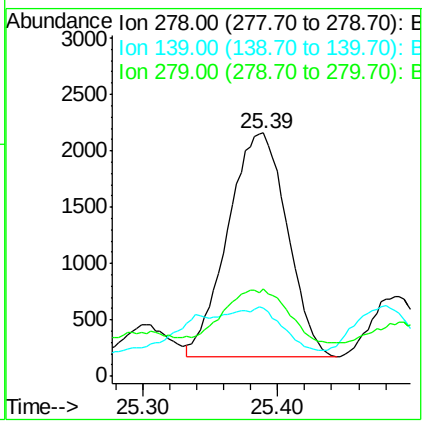




#25
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. -0.01 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:278 Resp: 6087

Ion	Ratio	Lower	Upper
278	100		
139	28.0	17.4	26.0#
279	35.8	20.5	30.7#



Instrument :
BNA_N
ClientSampleId :
C0BP9

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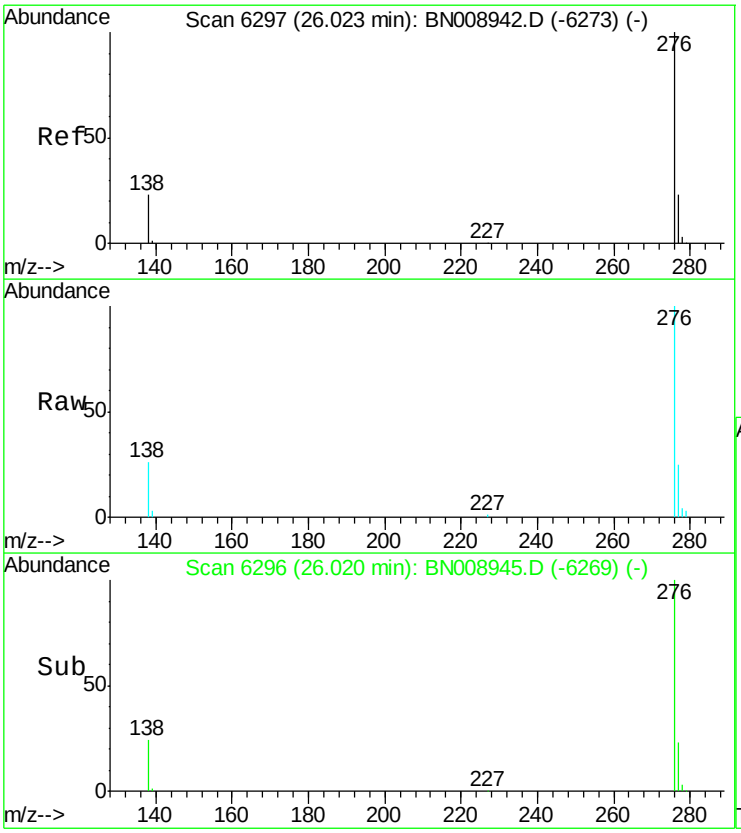

#26
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008945.D
Acq: 12 Dec 2019 14:53

Tgt Ion:276 Resp: 23538

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.9	32.9
277	24.7	19.9	29.9