Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
Data File : BN008949.D
Acq On : 12 Dec 2019 17:16
Operator : JU
Sample : K6089-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BQ4

Manual Integrations APPROVED
mohammad
12/13/2019 9:07:47 AM

Quant Time: Dec 13 01:21:30 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2826	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	12267	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	7769	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17538	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14787	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14608	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3347	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9254	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	2555	0.069	ng/ul#	92
5) 2-Methylnaphthalene	11.98	142	3118	0.121	ng/ul	99
7) Acenaphthylene	13.90	152	971	0.023	ng/ul#	73
12) Phenanthrene	16.97	178	21057	0.356	ng/ul	100
15) Fluoranthene	18.99	202	11652	0.160	ng/ul	96
17) Pyrene	19.36	202	10104m	0.170	ng/ul	
18) Benzo(a)anthracene	21.11	228	4942	0.083	ng/ul#	80
19) Chrysene	21.17	228	15524	0.266	ng/ul#	93
21) Benzo(b)fluoranthene	22.64	252	9618m	0.160	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	2344m	0.039	ng/ul	
23) Benzo(a)pyrene	23.18	252	3962	0.070	ng/ul#	57
24) Indeno(1,2,3-cd)pyrene	25.38	276	3092	0.047	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.39	278	1278	0.024	ng/ul#	15
26) Benzo(g,h,i)perylene	26.02	276	3852	0.070	ng/ul#	82

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121119\
Data File : BN008949.D
Acq On : 12 Dec 2019 17:16
Operator : JU
Sample : K6089-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 13 01:21:30 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 :
C0BQ4

Manual Integrations APPROVED
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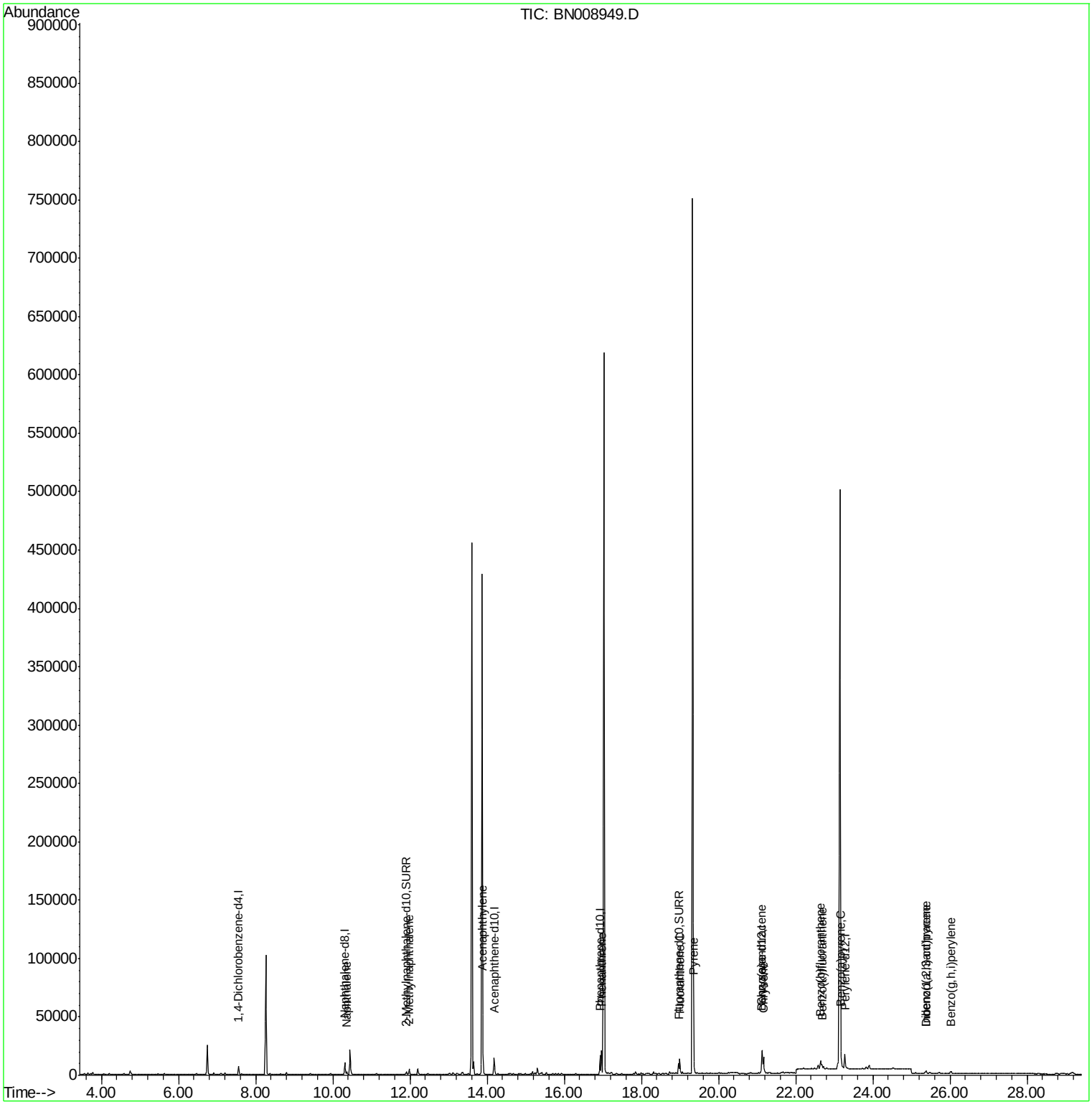
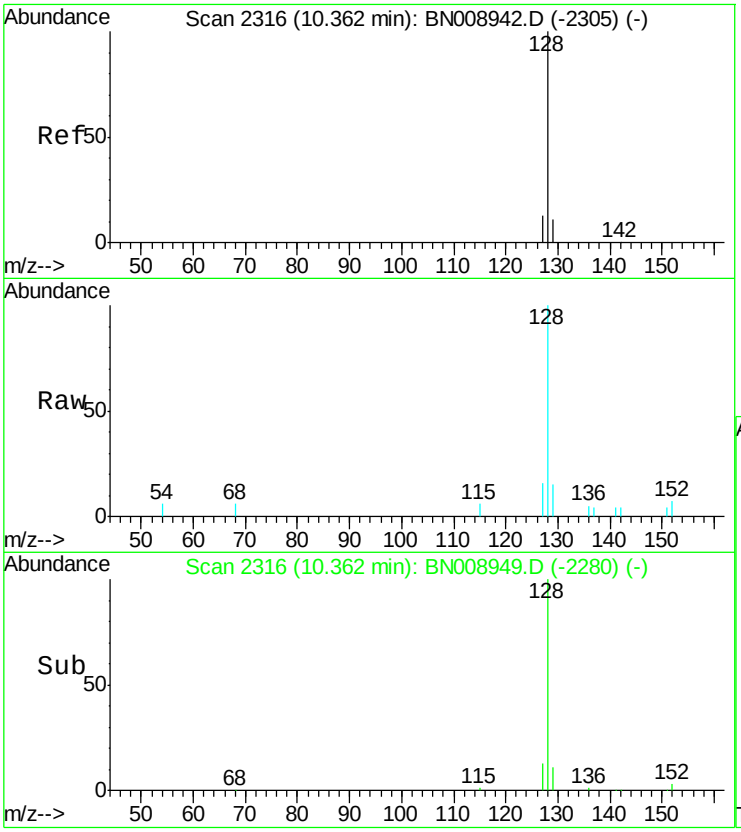
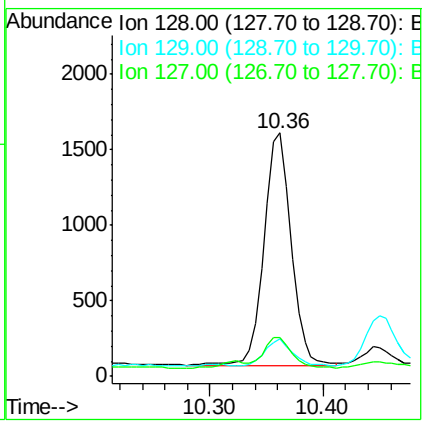




#3
Naphthalene
Concen: 0.069 ng/ul
RT: 10.36 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:128 Resp: 2555

Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.1	13.7#
127	15.8	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0BQ4

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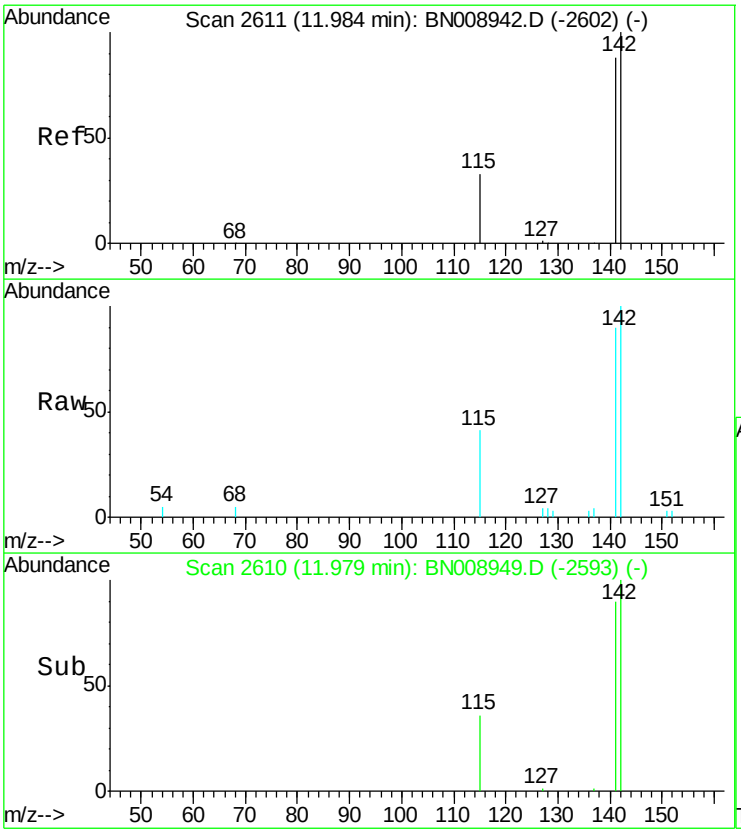
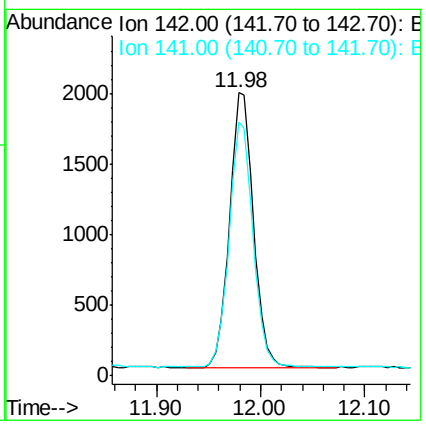
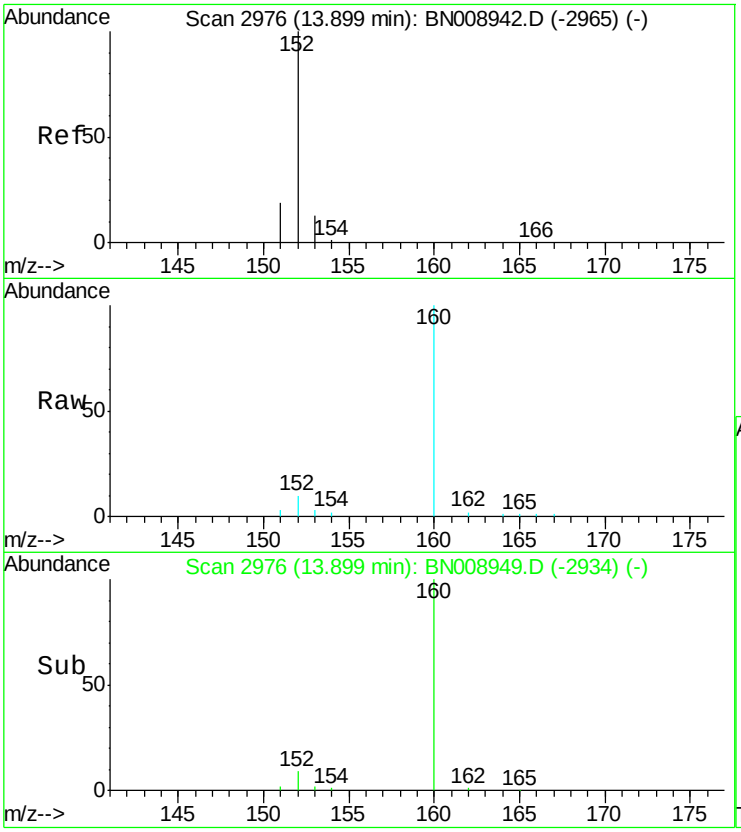


#5
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 11.98 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:142 Resp: 3118

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.1	105.1

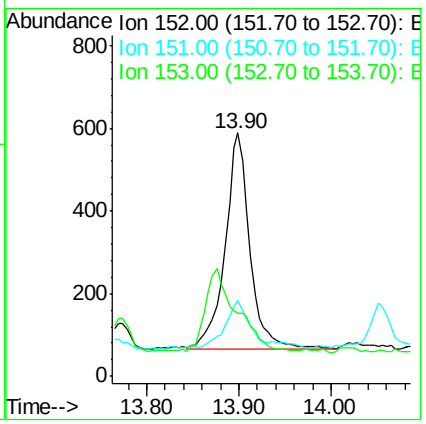




#7
Acenaphthylene
Concen: 0.023 ng/ul
RT: 13.90 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:152 Resp: 971

Ion	Ratio	Lower	Upper
152	100		
151	30.9	15.8	23.6#
153	25.8	10.6	15.8#



Instrument :
BNA_N
ClientSampleId :
C0BQ4

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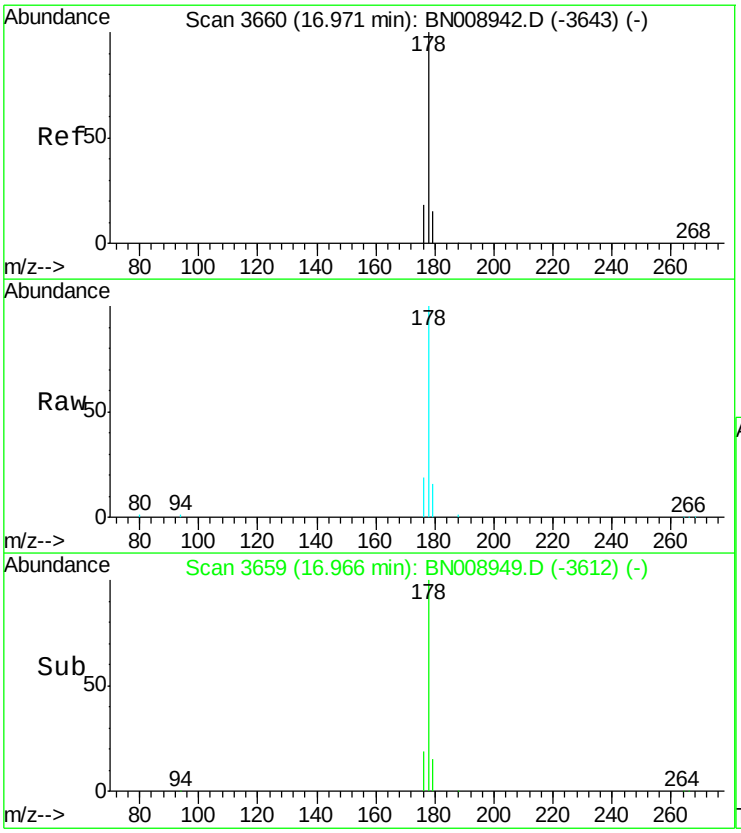
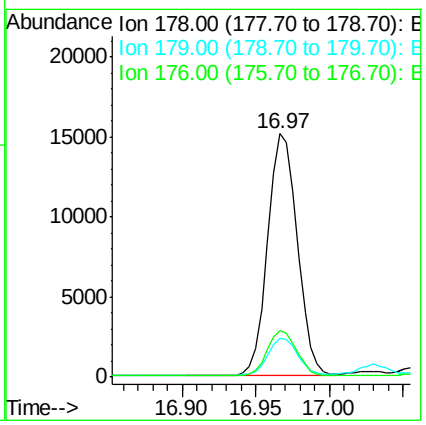
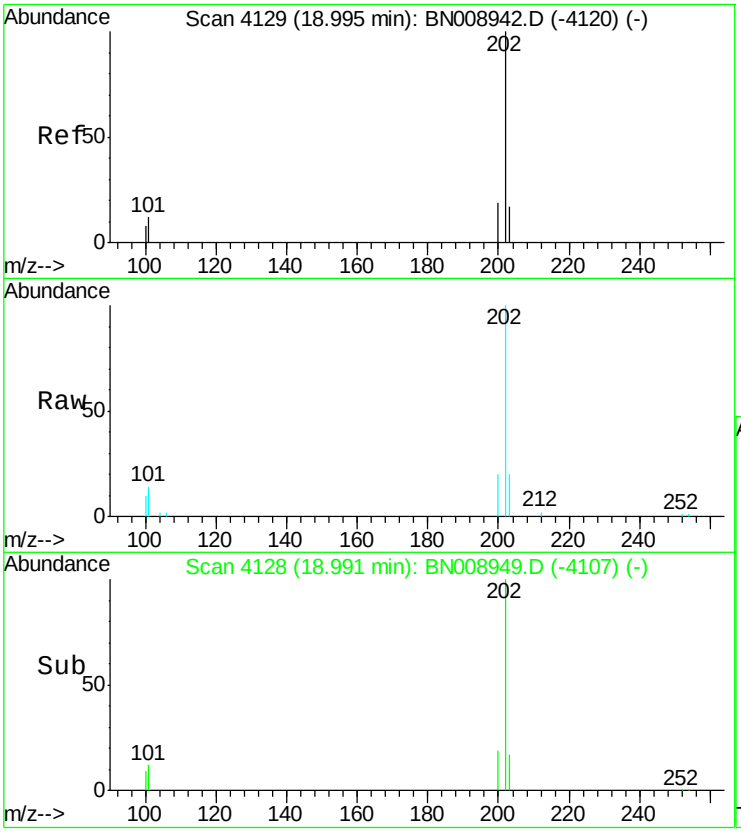


#12
Phenanthrene
Concen: 0.356 ng/ul
RT: 16.97 min Scan# 3659
Delta R.T. -0.00 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:178 Resp: 21057

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.0	15.3	22.9

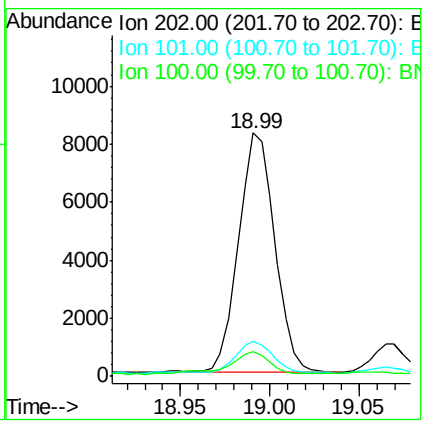




#15
Fluoranthene
Concen: 0.160 ng/ul
RT: 18.99 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:202 Resp: 11652

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	32.4
100	10.1	0.0	29.2



Instrument :
BNA_N
ClientSampleId :
C0BQ4

Manual Integrations APPROVED
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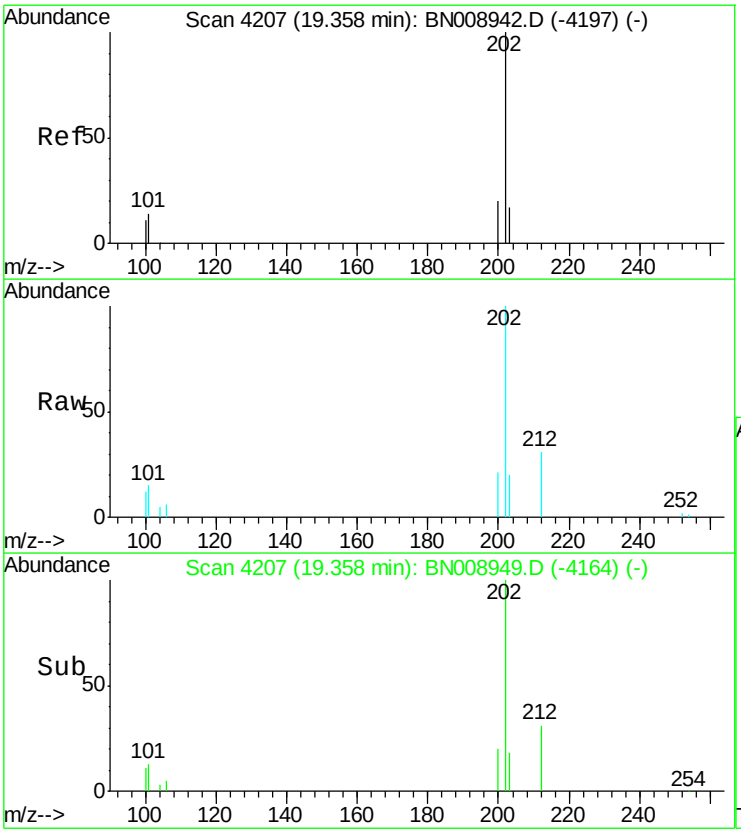
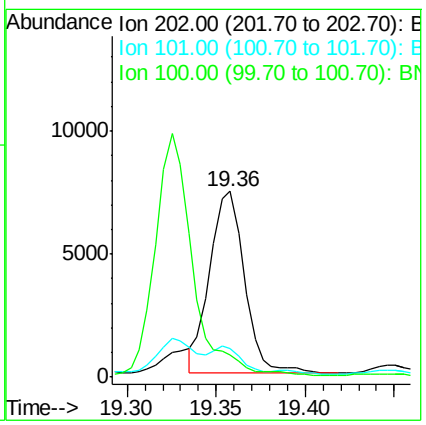
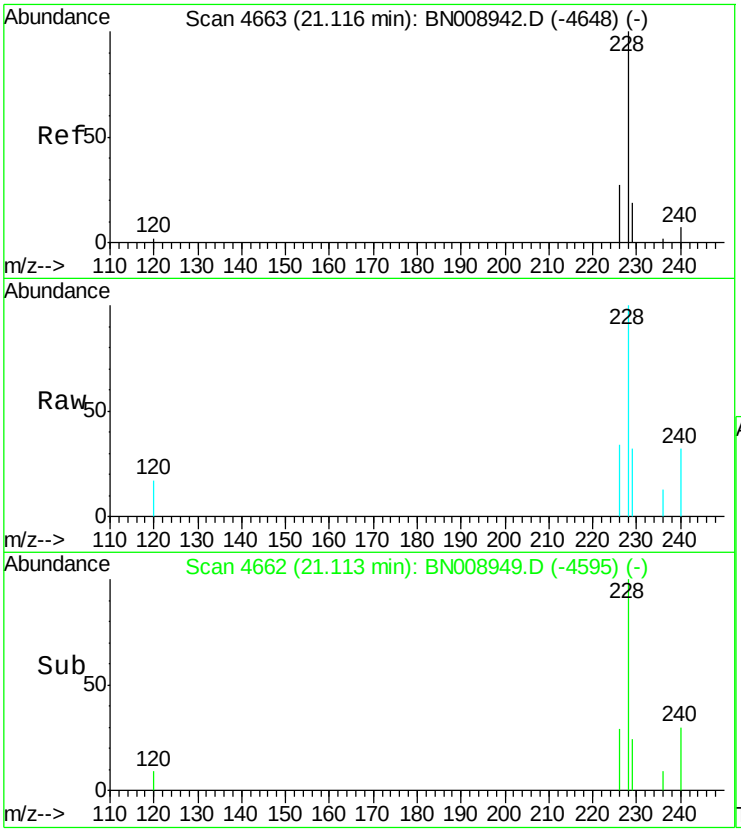


#17
Pyrene
Concen: 0.170 ng/ul m
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:202 Resp: 10104

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.4
100	12.3	9.5	14.3

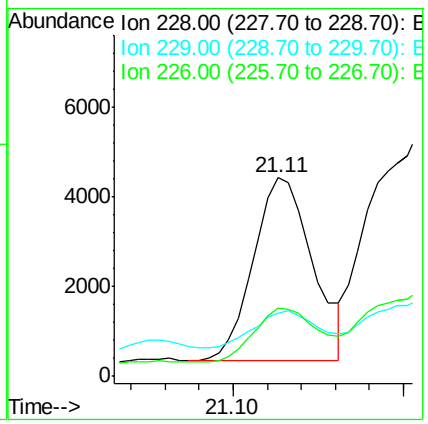




#18
Benzo(a)anthracene
Concen: 0.083 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.01 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:228 Resp: 4942

Ion	Ratio	Lower	Upper
228	100		
229	32.1	15.7	23.5#
226	34.2	21.5	32.3#



Instrument :
BNA_N
ClientSampleId :
C0BQ4

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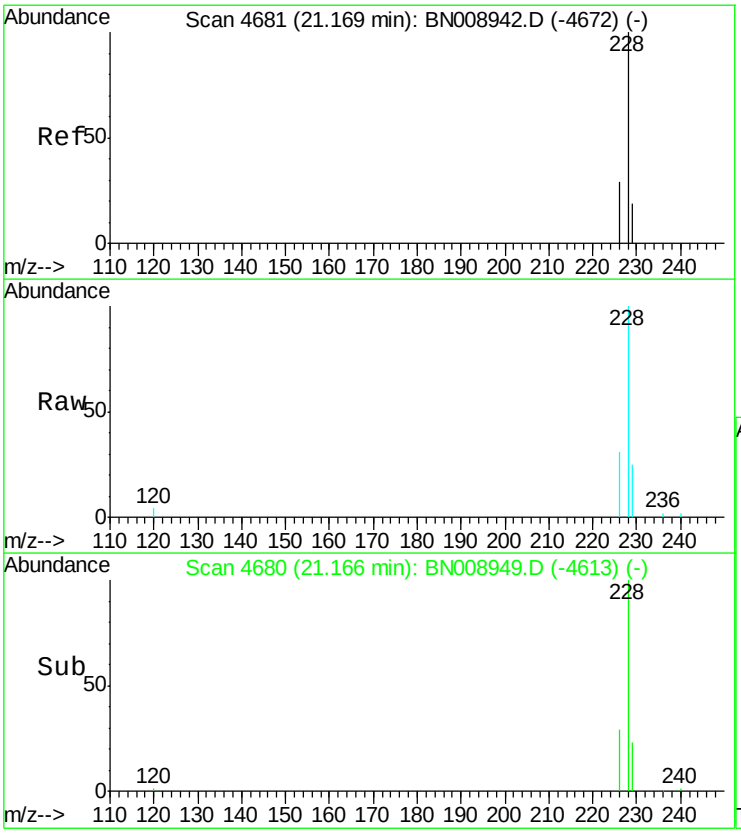
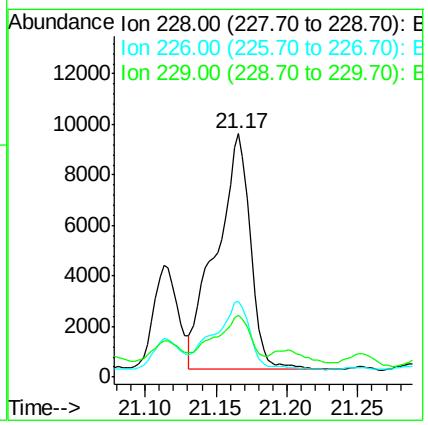
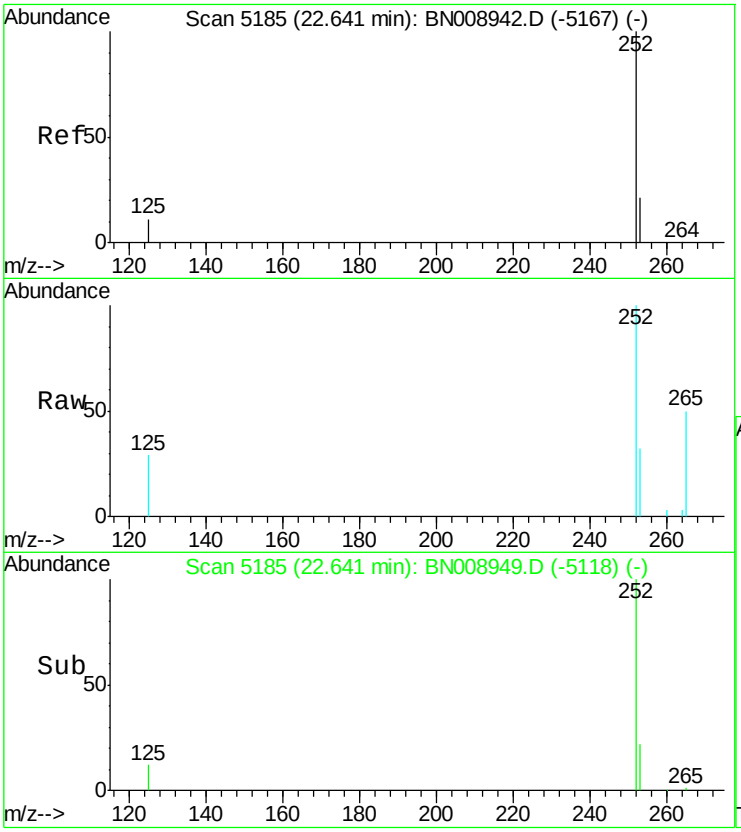


#19
Chrysene
Concen: 0.266 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.01 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:228 Resp: 15524

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.8	35.6
229	25.4	15.6	23.4#

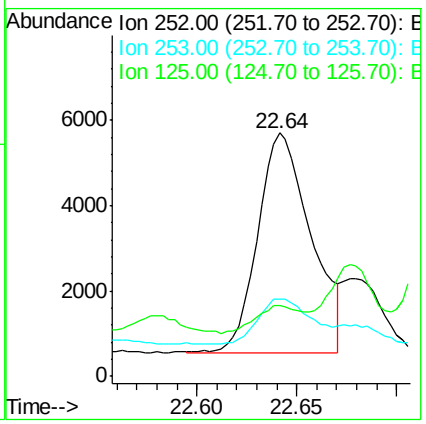




#21
Benzo(b)fluoranthene
Concen: 0.160 ng/ul m
RT: 22.64 min Scan# 5185
Delta R.T. -0.01 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:252 Resp: 9618

Ion	Ratio	Lower	Upper
252	100		
253	31.8	0.0	48.6
125	29.2	0.0	31.6



Instrument :
BNA_N
ClientSampleId :
C0BQ4

Manual Integrations APPROVED
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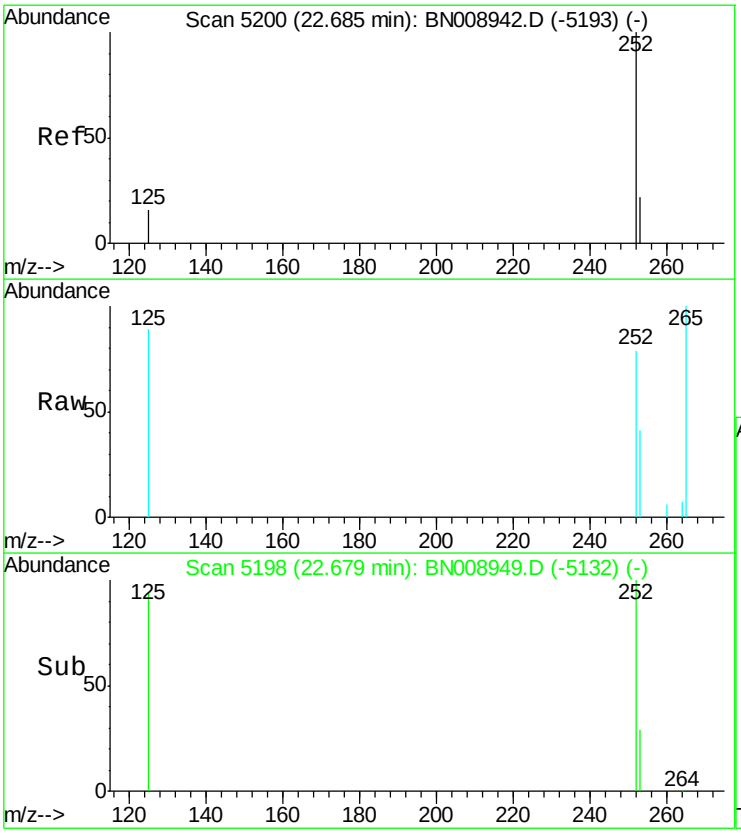
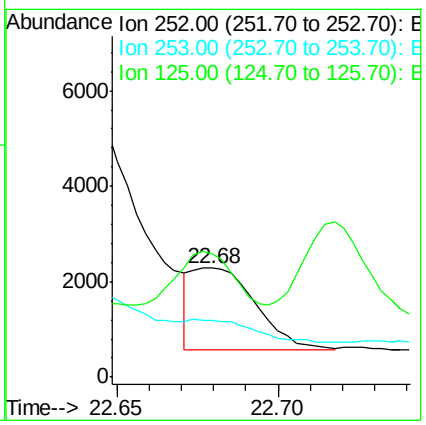
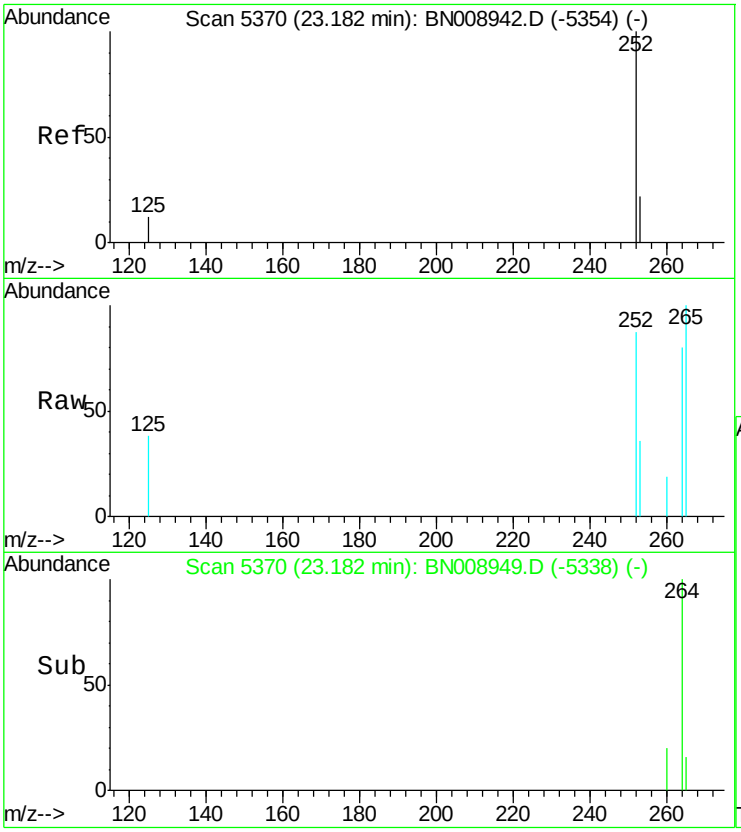


#22
Benzo(k)fluoranthene
Concen: 0.039 ng/ul m
RT: 22.68 min Scan# 5198
Delta R.T. -0.01 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:252 Resp: 2344

Ion	Ratio	Lower	Upper
252	100		
253	52.4	19.6	29.4#
125	112.9	13.8	20.6#





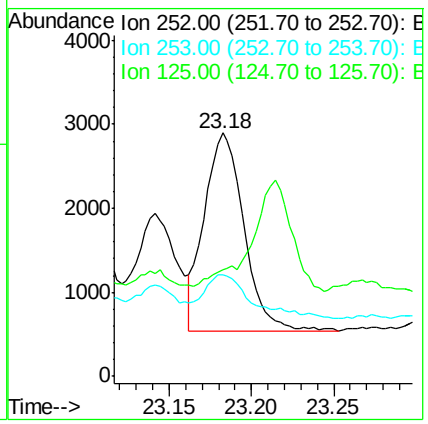
#23
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 23.18 min Scan# 5370
Delta R.T. -0.01 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

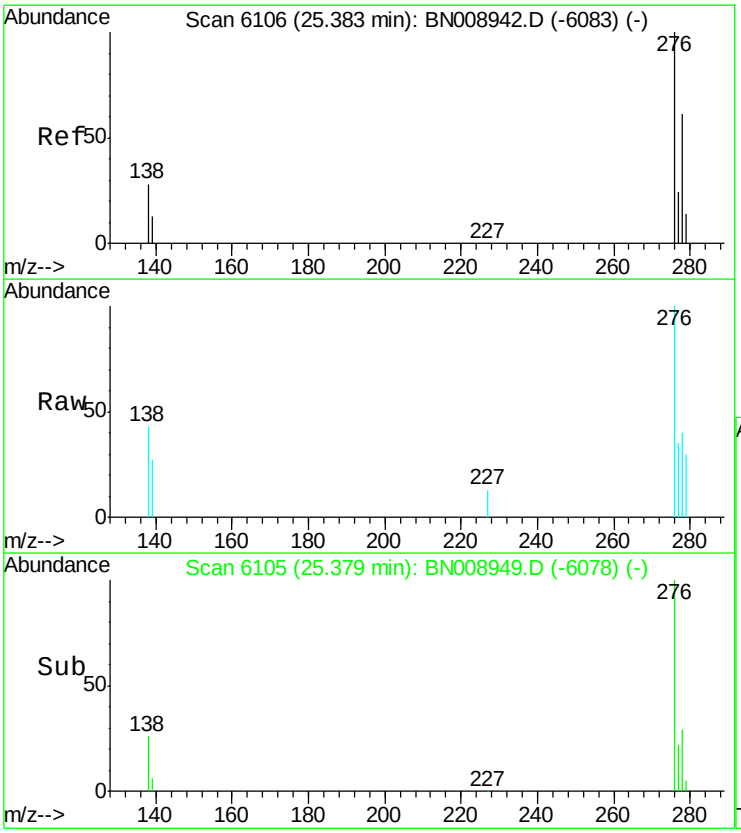
Tgt Ion:252 Resp: 3962

Ion	Ratio	Lower	Upper
252	100		
253	41.4	19.9	29.9#
125	43.7	14.6	22.0#

Instrument :
BNA_N
ClientSampleId :
C0BQ4

Manual Integrations APPROVED
mohammad
12/13/2019 9:07:47 AM

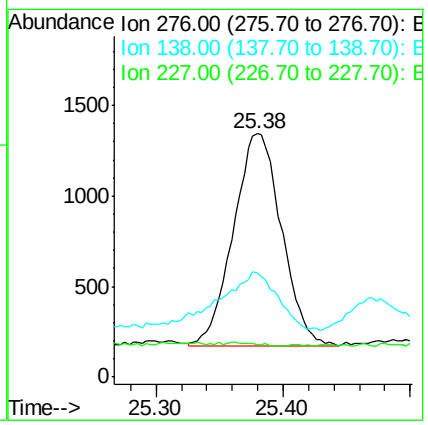


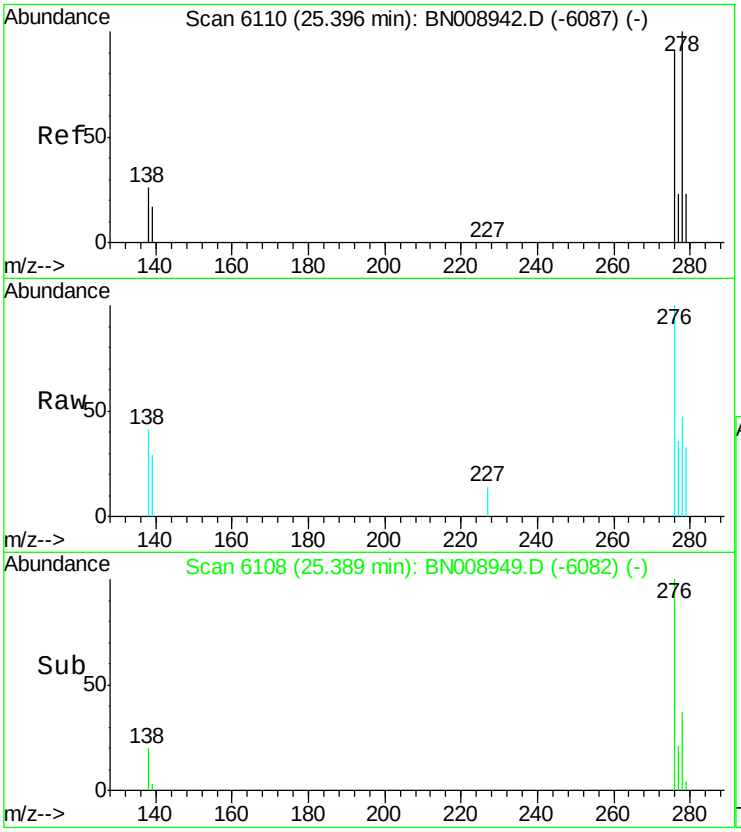


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:276 Resp: 3092

Ion	Ratio	Lower	Upper
276	100		
138	33.8	23.8	35.6
227	0.0	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. -0.01 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:278 Resp: 1278

Ion	Ratio	Lower	Upper
278	100		
139	60.9	17.4	26.0#
279	69.8	20.5	30.7#

Instrument :
BNA_N
ClientSampleId :
C0BQ4

Manual Integrations APPROVED
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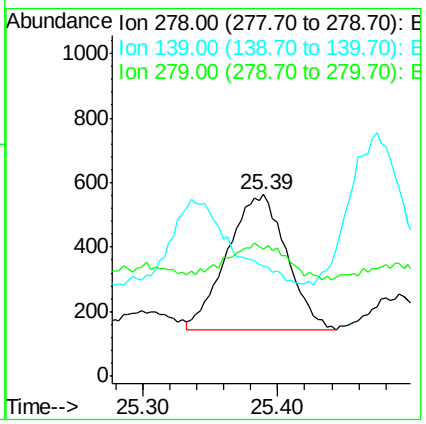

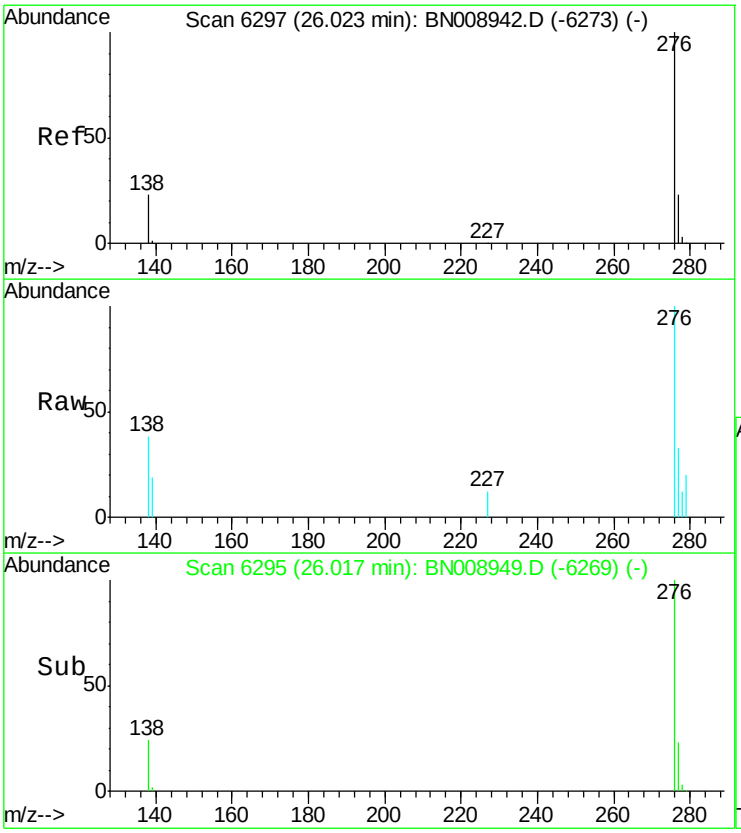

#26
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 26.02 min Scan# 6295
Delta R.T. -0.01 min
Lab File: BN008949.D
Acq: 12 Dec 2019 17:16

Tgt Ion:276 Resp: 3852

Ion	Ratio	Lower	Upper
276	100		
138	38.1	21.9	32.9#
277	32.9	19.9	29.9#