Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006528.D
Acq On : 24 Jun 2019 13:35
Operator : HP/JU
Sample : K3335-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4235DL

Manual Integrations APPROVED
mohammad
6/25/2019 6:16:54 PM

Quant Time: Jun 25 01:06:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4463	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	16731	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	8357	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	19758	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	9176	0.40	ng/ul	0.01
20) Perylene-d12	23.54	264	8730m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	890	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1635	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	2286	0.050	ng/ul#	91
5) 2-Methylnaphthalene	12.09	142	770	0.024	ng/ul	98
7) Acenaphthylene	14.00	152	11840	0.255	ng/ul	99
8) Acenaphthene	14.35	153	3512	0.109	ng/ul	99
9) Fluorene	15.34	166	6505	0.173	ng/ul	97
11) Pentachlorophenol	16.72	266	665	0.132	ng/ul	91
12) Phenanthrene	17.08	178	93596	1.476	ng/ul	99
13) Anthracene	17.17	178	22246	0.367	ng/ul	98
15) Fluoranthene	19.11	202	180267	2.574	ng/ul	98
17) Pyrene	19.48	202	158397	3.277	ng/ul	99
18) Benzo(a)anthracene	21.27	228	59968	1.478	ng/ul	99
19) Chrysene	21.32	228	58290	1.530	ng/ul	99
21) Benzo(b)fluoranthene	22.87	252	70281m	1.931	ng/ul	
22) Benzo(k)fluoranthene	22.91	252	24659m	0.695	ng/ul	
23) Benzo(a)pyrene	23.44	252	48927	1.443	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.79	276	30840	0.840	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.79	278	7756	0.264	ng/ul	97
26) Benzo(g,h,i)perylene	26.47	276	26890	0.875	ng/ul	95

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

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Manual Integrations APPROVED

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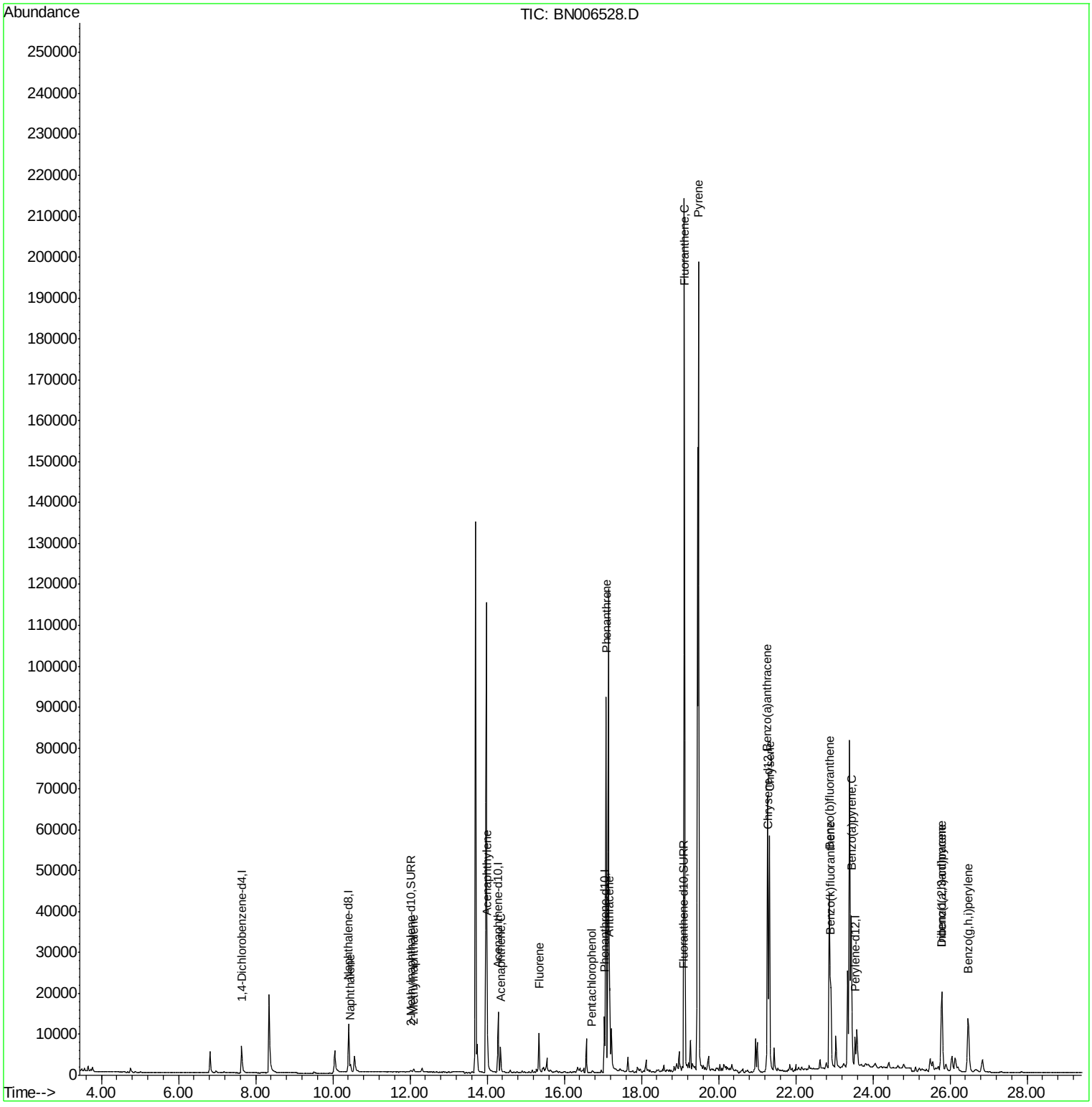

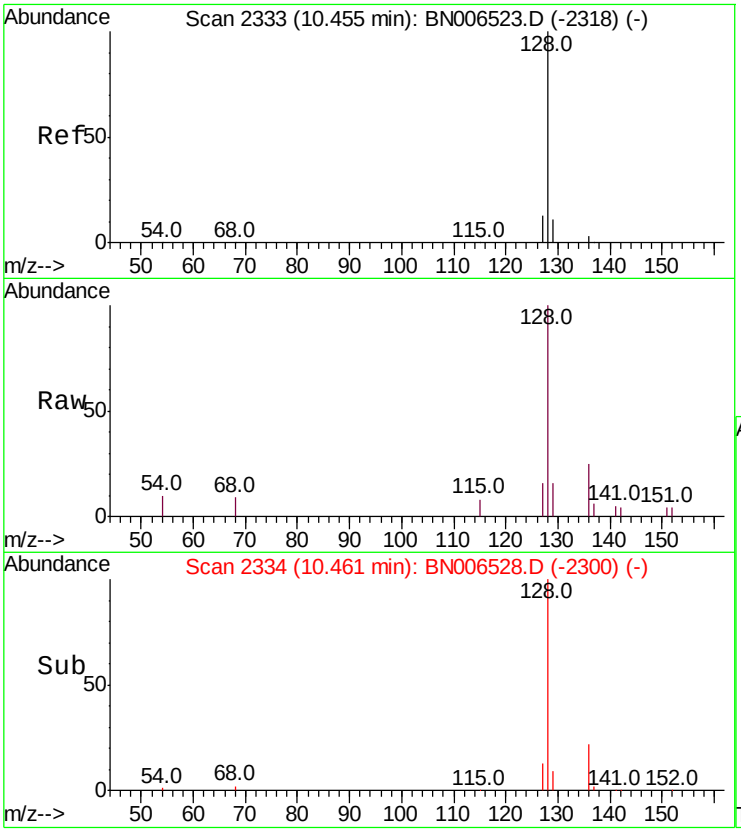

#3
Naphthalene
Concen: 0.050 ng/ul
RT: 10.46 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:128 Resp: 2286

Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.3	13.9#
127	16.4	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
A4235DL

Manual Integrations APPROVED
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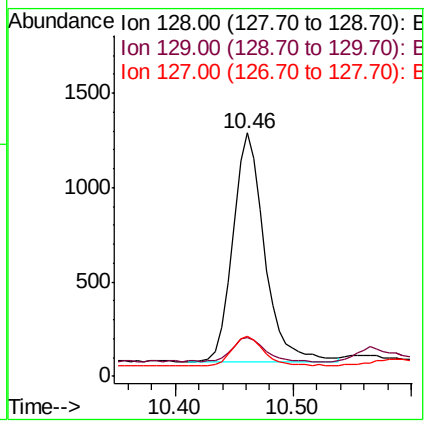
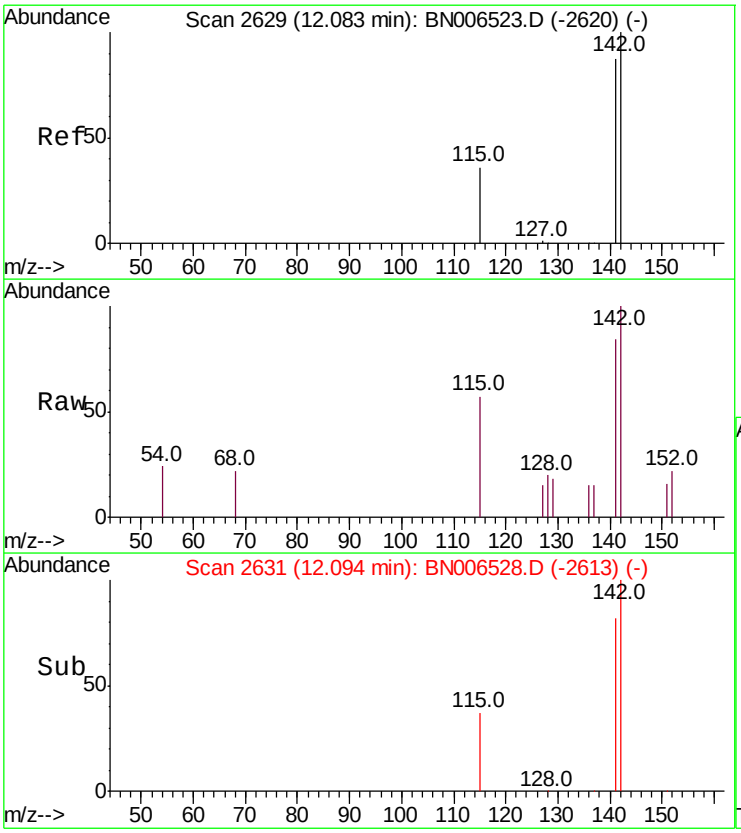
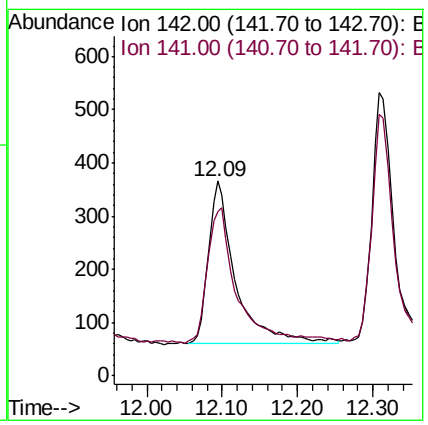


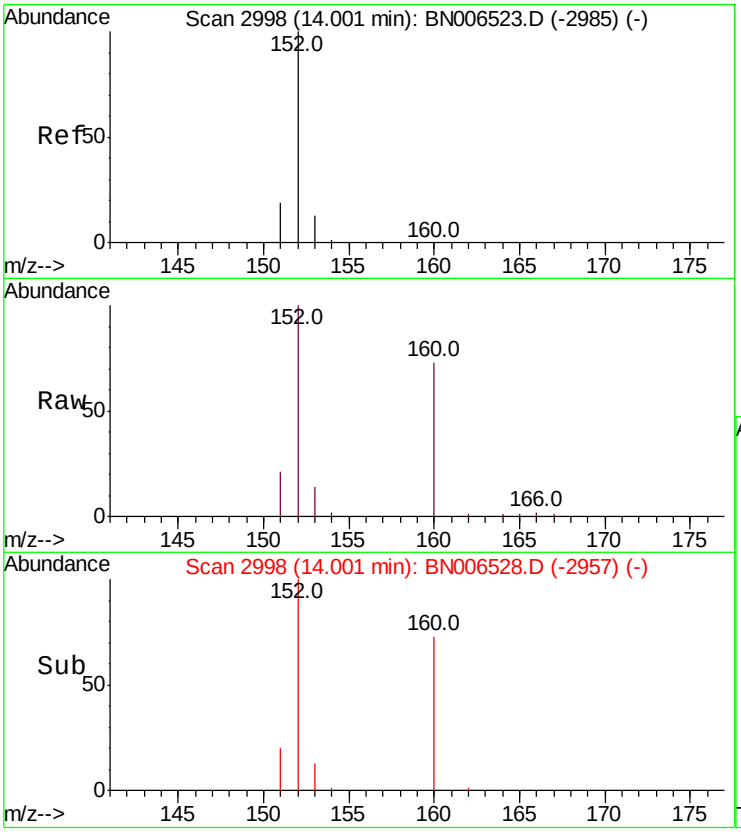


#5
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.09 min Scan# 2631
Delta R.T. 0.00 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:142 Resp: 770

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.3	105.5

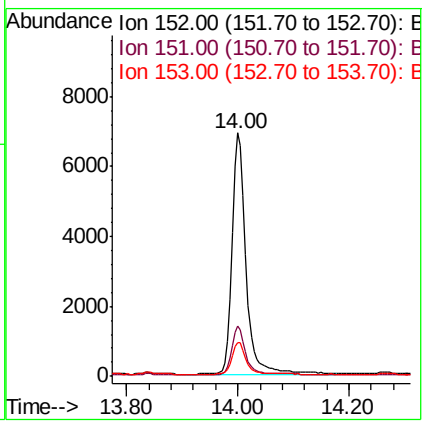




#7
Acenaphthylene
Concen: 0.255 ng/ul
RT: 14.00 min Scan# 2998
Delta R.T. -0.01 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:152 Resp: 11840

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	14.0	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
A4235DL

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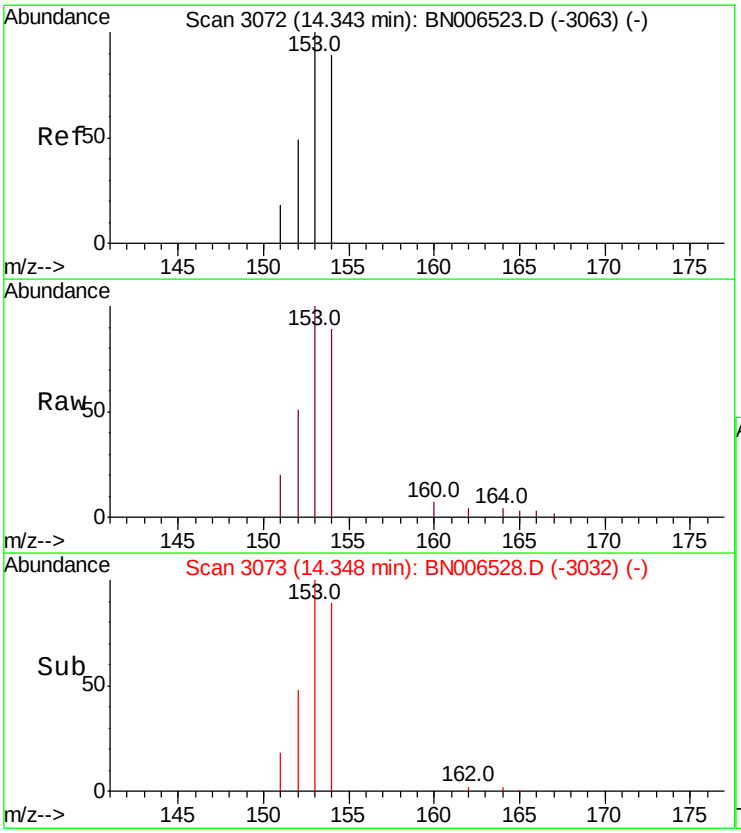
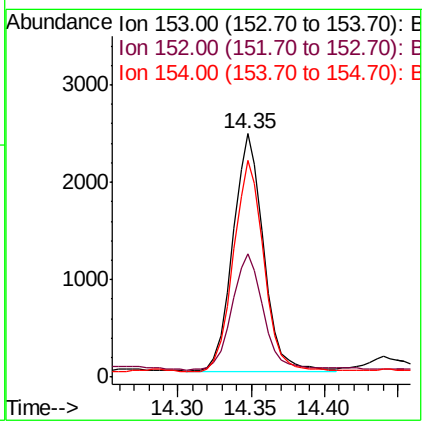
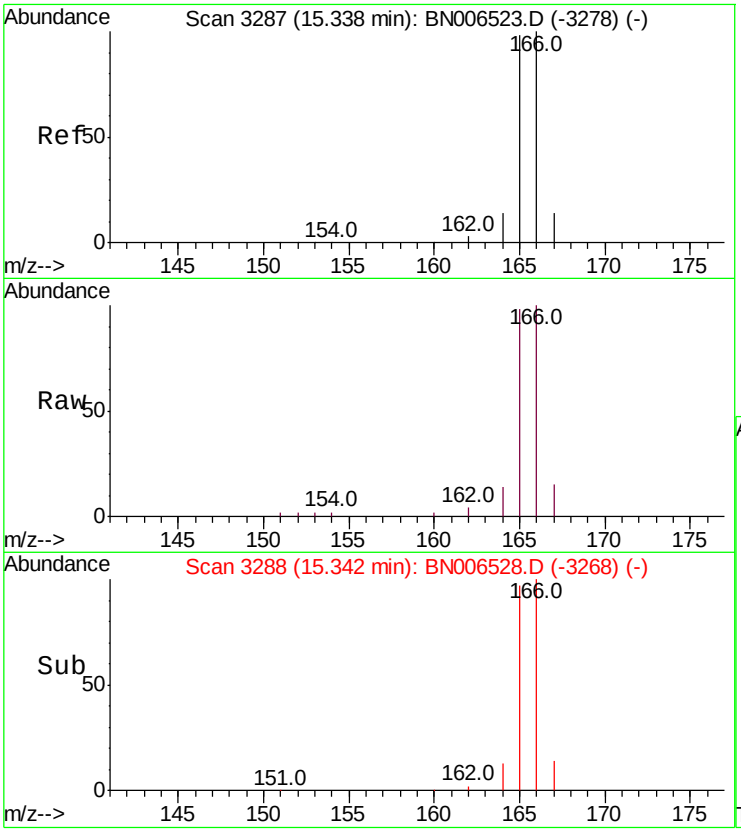


#8
Acenaphthene
Concen: 0.109 ng/ul
RT: 14.35 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:153 Resp: 3512

Ion	Ratio	Lower	Upper
153	100		
152	50.7	39.1	58.7
154	89.1	71.1	106.7

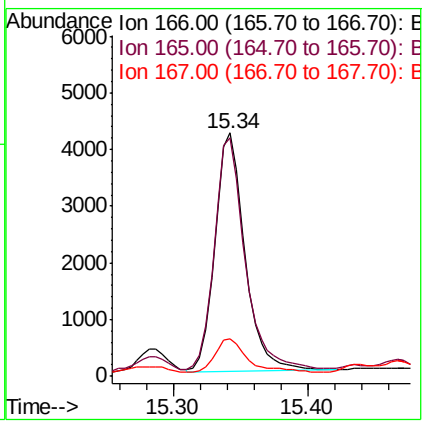




#9
Fluorene
Concen: 0.173 ng/ul
RT: 15.34 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:166 Resp: 6505

Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.4	114.6
167	15.5	11.0	16.6



Instrument :
BNA_N
ClientSampleId :
A4235DL

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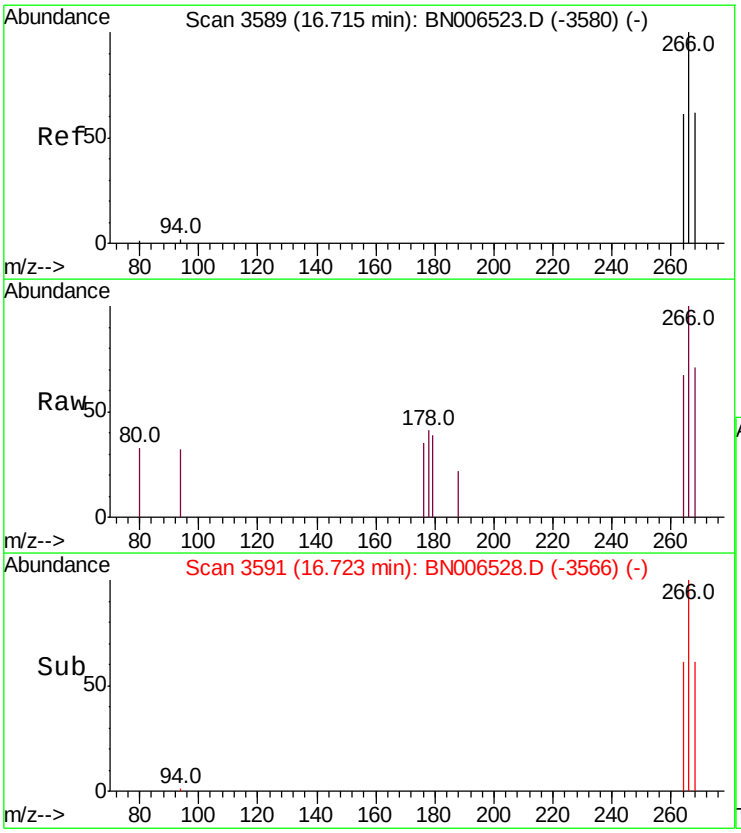
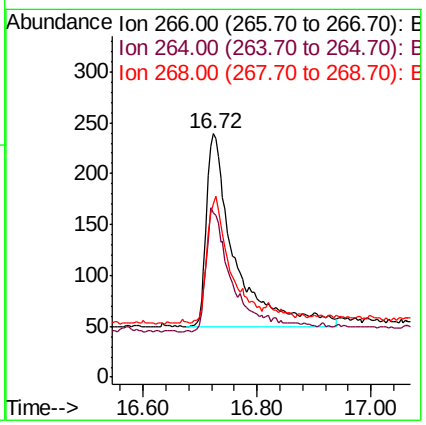
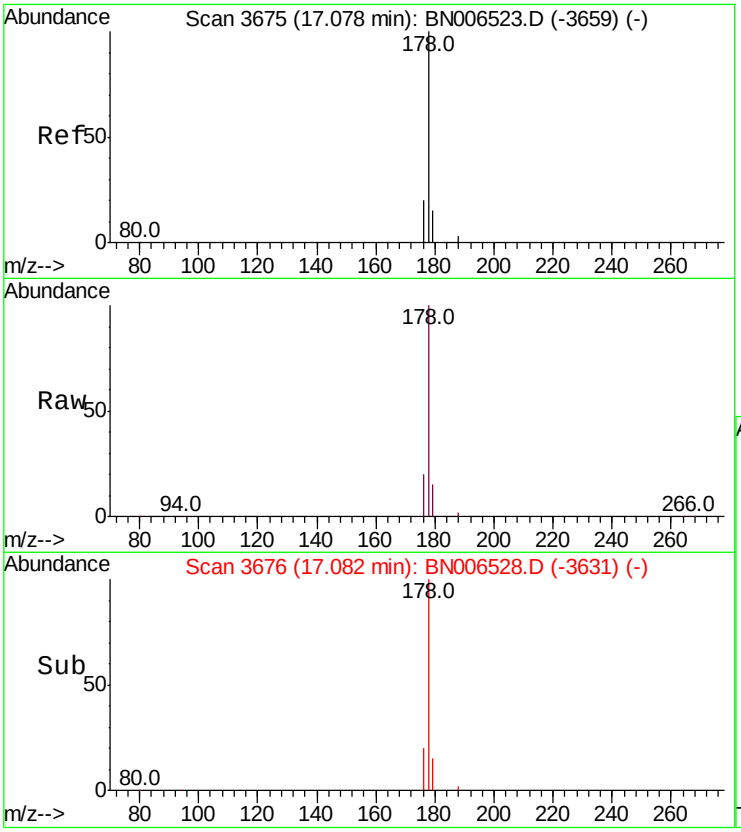


#11
Pentachlorophenol
Concen: 0.132 ng/ul
RT: 16.72 min Scan# 3591
Delta R.T. 0.00 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:266 Resp: 665

Ion	Ratio	Lower	Upper
266	100		
264	60.6	50.3	75.5
268	52.0	51.3	76.9

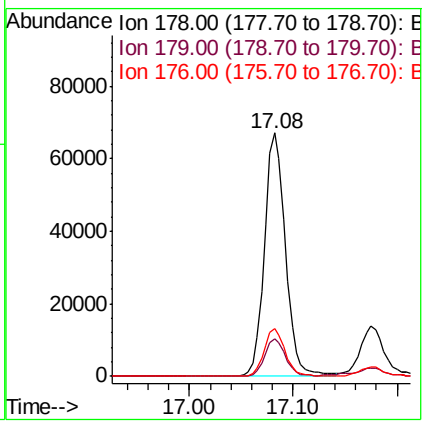




#12
Phenanthrene
Concen: 1.476 ng/ul
RT: 17.08 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:178 Resp: 93596

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.7	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A4235DL

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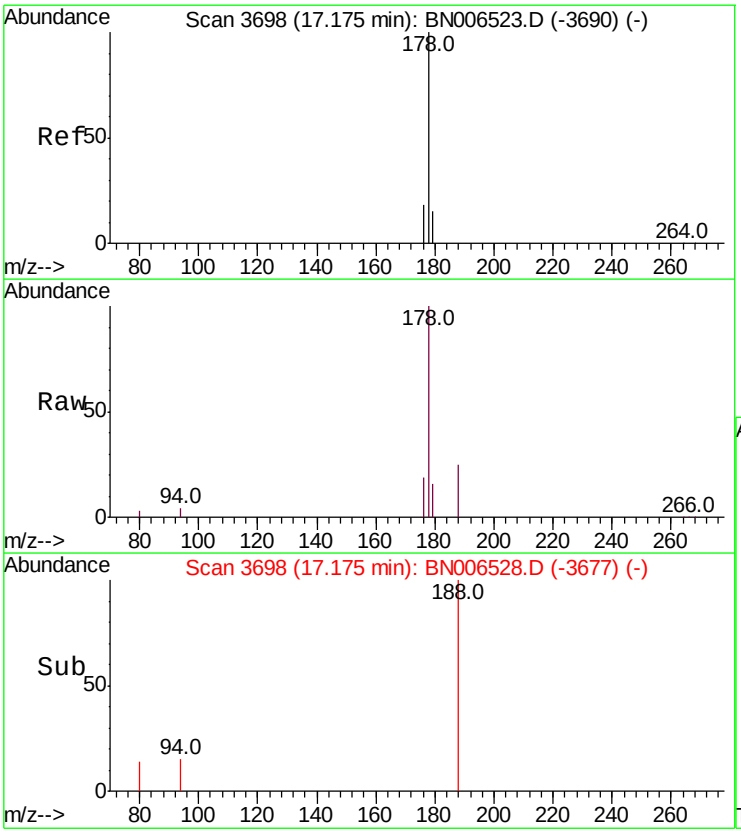
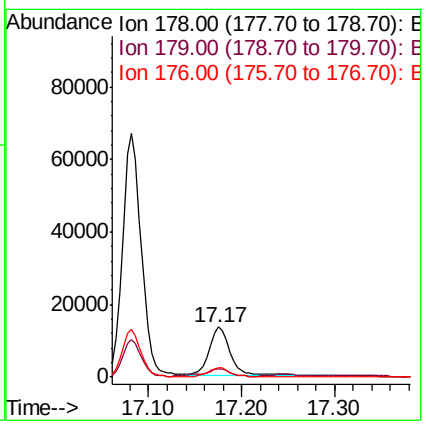
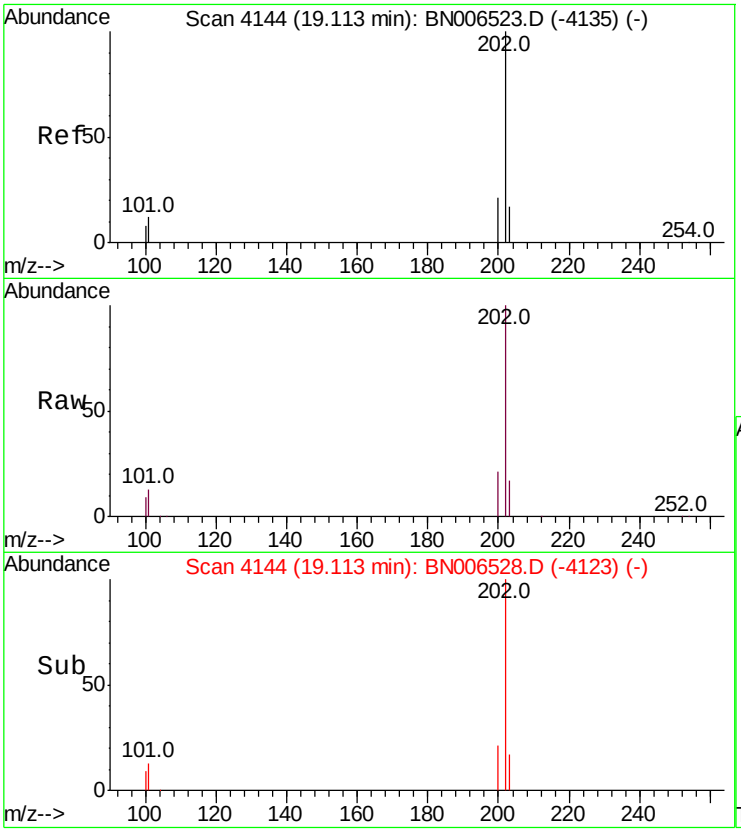


#13
Anthracene
Concen: 0.367 ng/ul
RT: 17.17 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:178 Resp: 22246

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	19.4	15.1	22.7

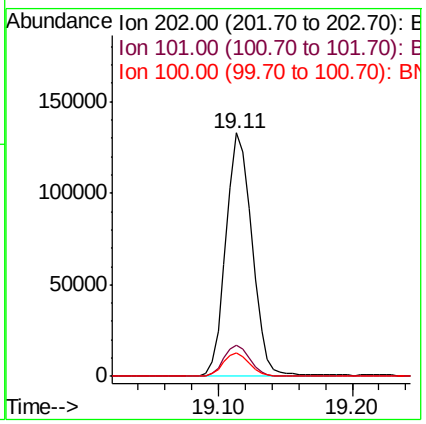




#15
Fluoranthene
Concen: 2.574 ng/ul
RT: 19.11 min Scan# 4144
Delta R.T. -0.00 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:202 Resp: 180267

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.1
100	9.4	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
A4235DL

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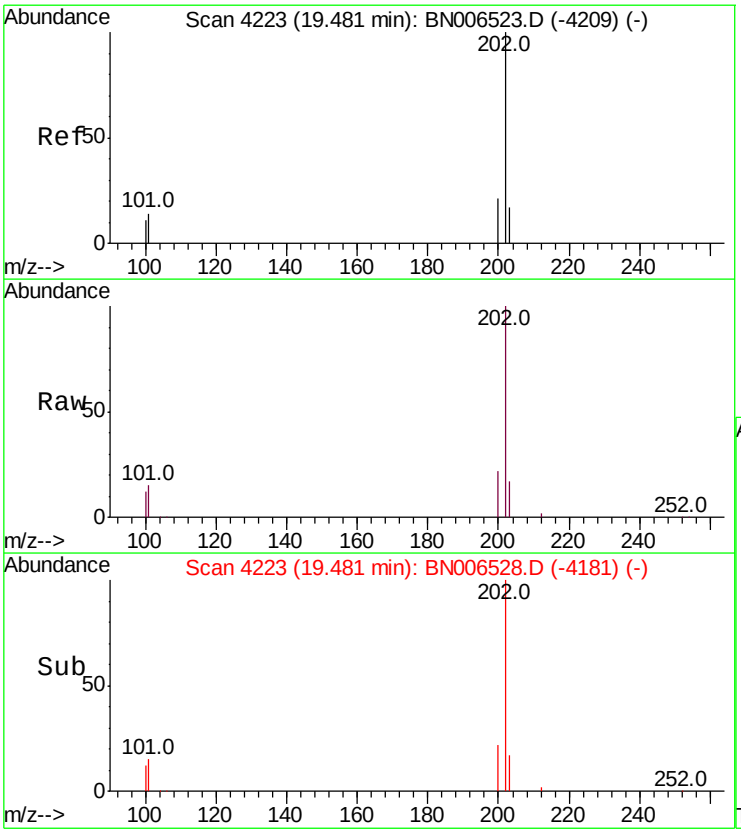
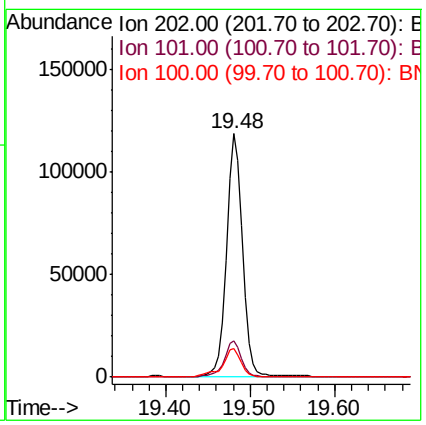
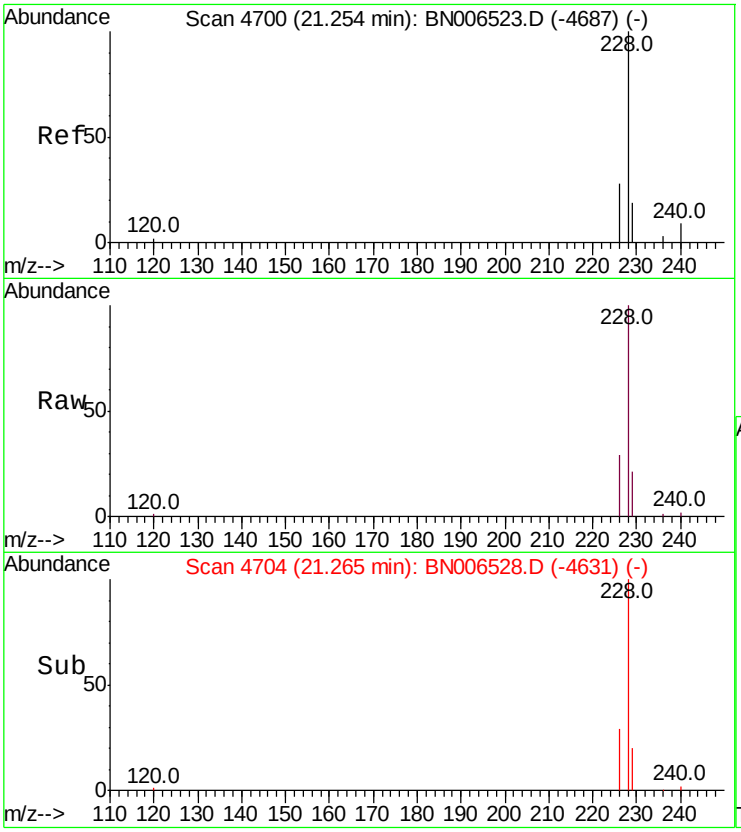


#17
Pyrene
Concen: 3.277 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. -0.00 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:202 Resp: 158397

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.2
100	11.6	9.8	14.6

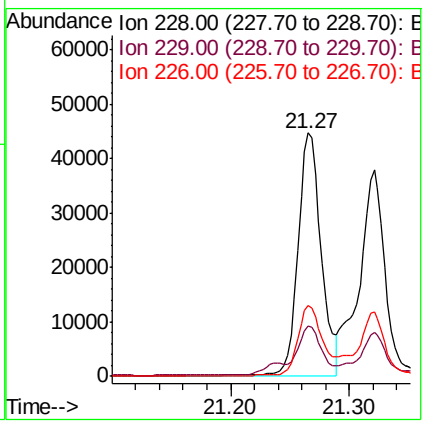




#18
Benzo(a)anthracene
Concen: 1.478 ng/ul
RT: 21.27 min Scan# 4704
Delta R.T. 0.01 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:228 Resp: 59968

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.5	24.7
226	28.9	22.8	34.2



Instrument :
BNA_N
ClientSampleId :
A4235DL

Manual Integrations APPROVED

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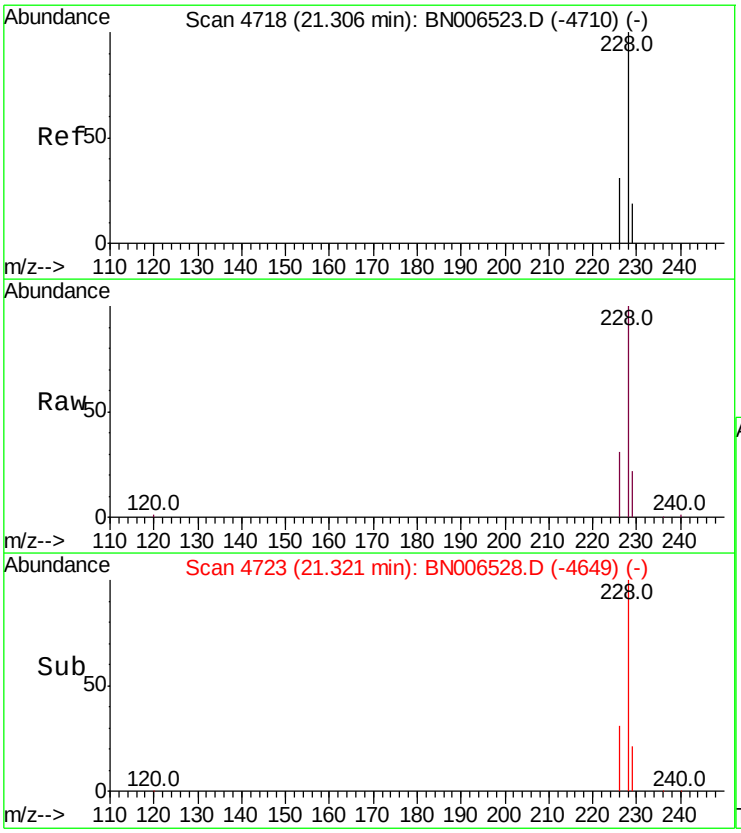
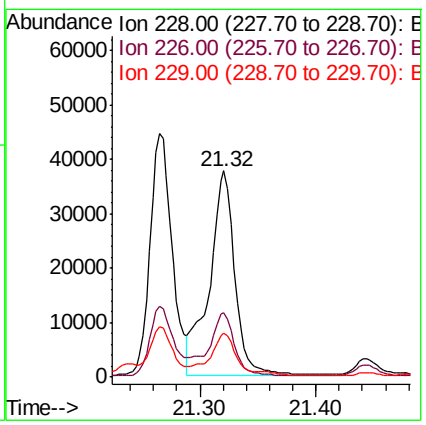
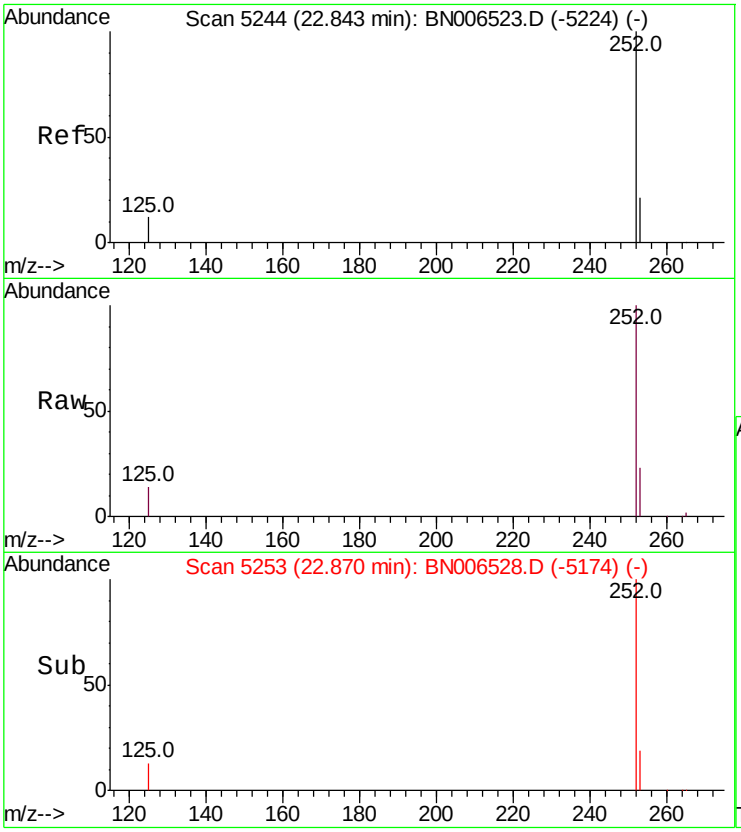


#19
Chrysene
Concen: 1.530 ng/ul
RT: 21.32 min Scan# 4723
Delta R.T. 0.01 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:228 Resp: 58290

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.6	16.3	24.5

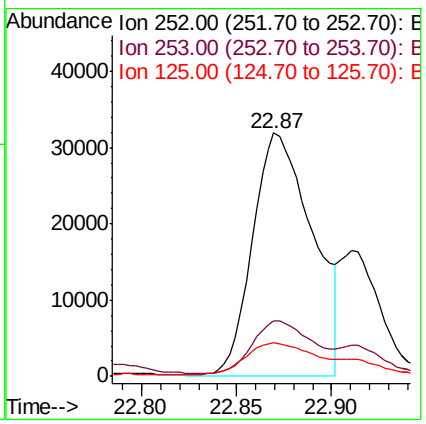




#21
Benzo(b)fluoranthene
Concen: 1.931 ng/ul m
RT: 22.87 min Scan# 5253
Delta R.T. 0.03 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:252 Resp: 70281

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	51.4
125	13.8	0.0	41.0



Instrument :
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ClientSampleId :
A4235DL

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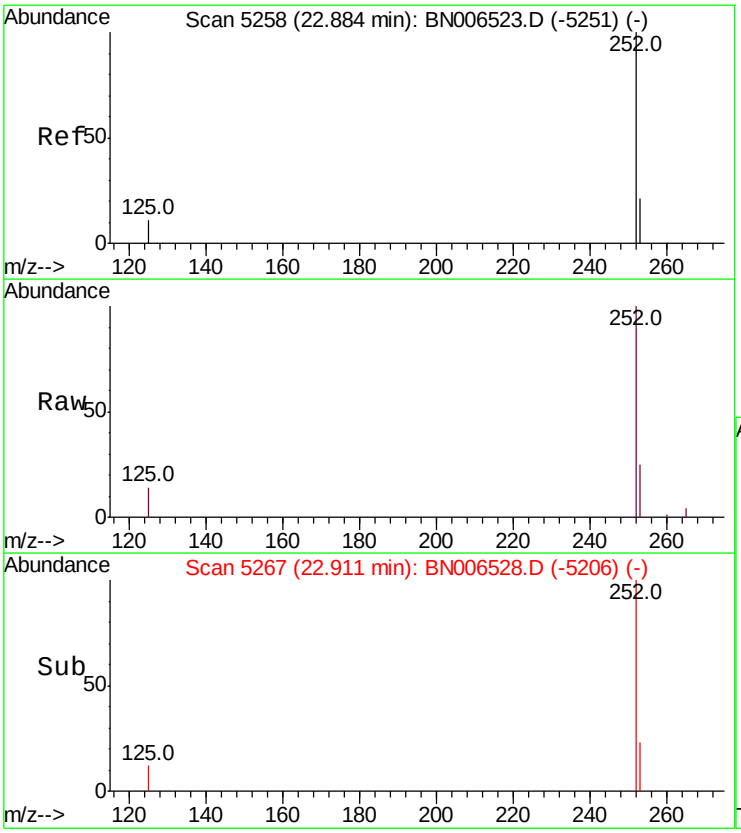
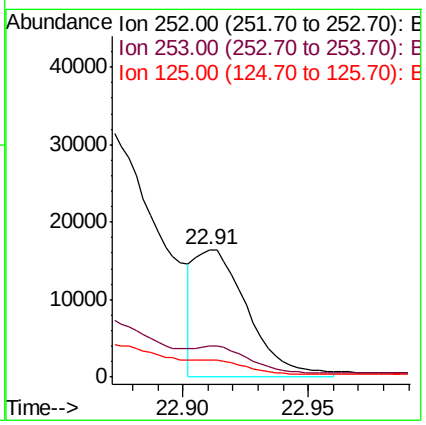
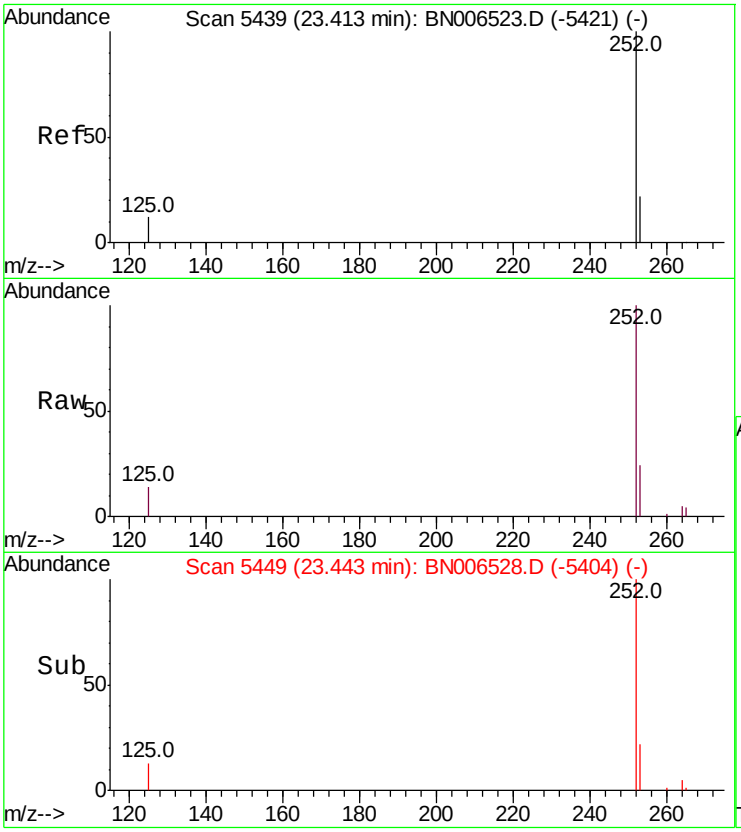


#22
Benzo(k)fluoranthene
Concen: 0.695 ng/ul m
RT: 22.91 min Scan# 5267
Delta R.T. 0.03 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:252 Resp: 24659

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.3	30.5
125	13.6	14.3	21.5#





#23
Benzo(a)pyrene
Concen: 1.443 ng/ul
RT: 23.44 min Scan# 5449
Delta R.T. 0.03 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:252 Resp: 48927

Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.1	31.7
125	13.9	20.3	30.5#

Instrument :
BNA_N
ClientSampleId :
A4235DL

Manual Integrations APPROVED
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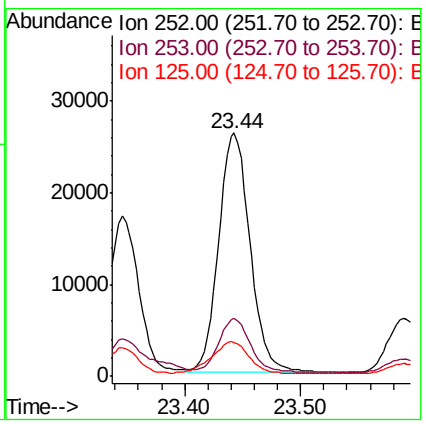
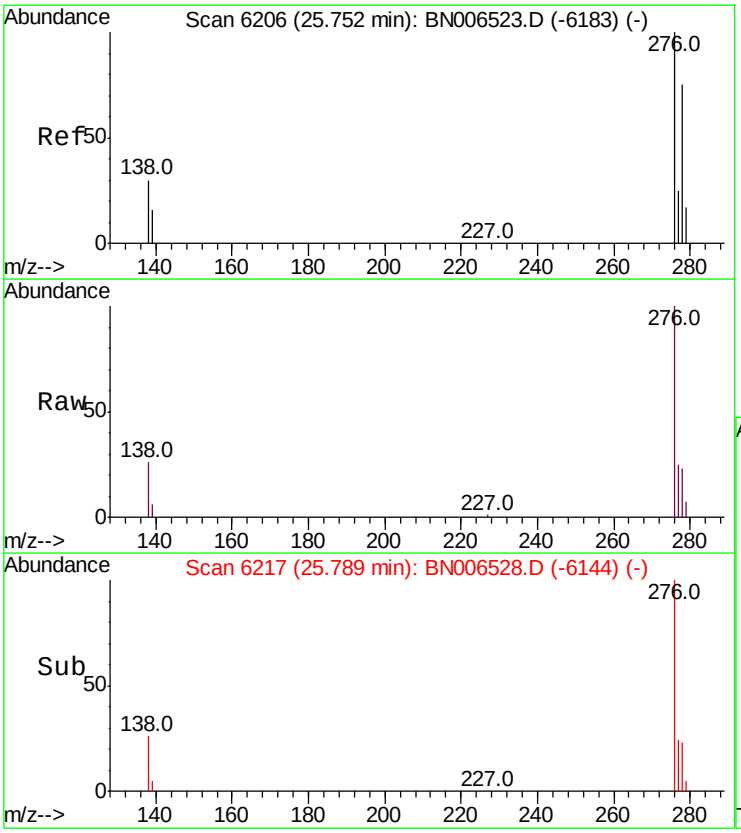
6/25/2019 6:16:54 PM

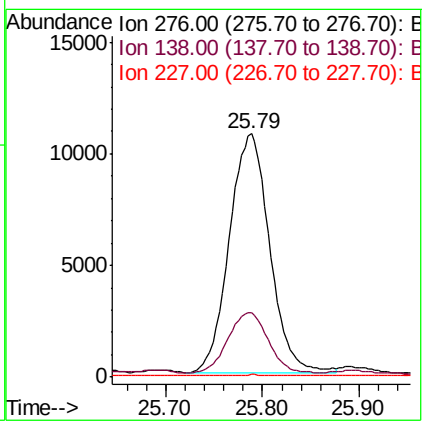


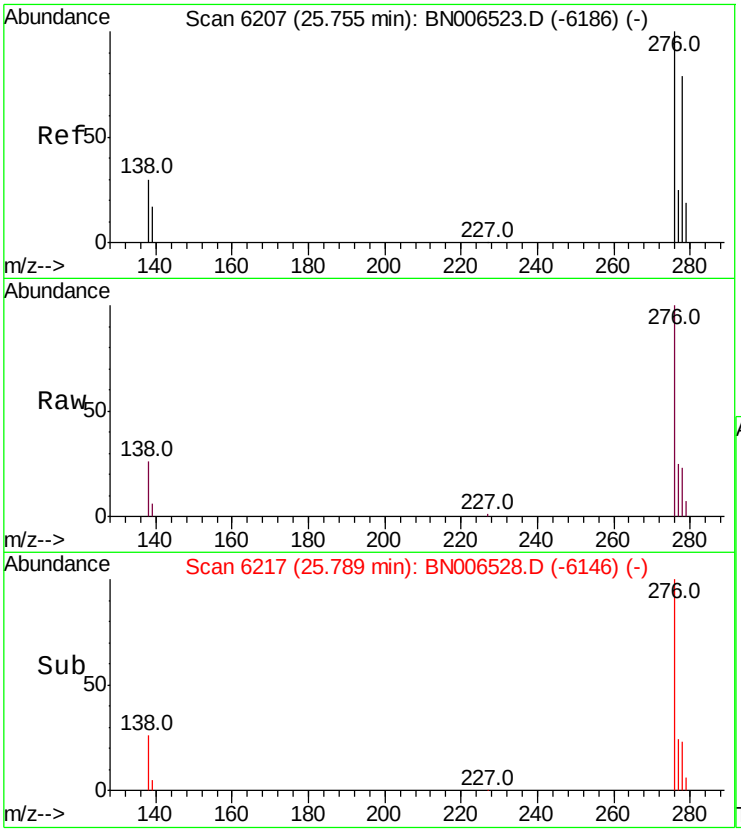


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.840 ng/ul
RT: 25.79 min Scan# 6217
Delta R.T. 0.04 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:276 Resp: 30840

Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.6	38.4
227	0.1	0.3	0.5#

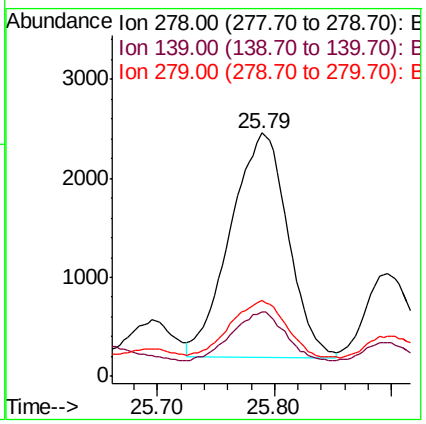




#25
Dibenzo(a,h)anthracene
Concen: 0.264 ng/ul
RT: 25.79 min Scan# 6217
Delta R.T. 0.04 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

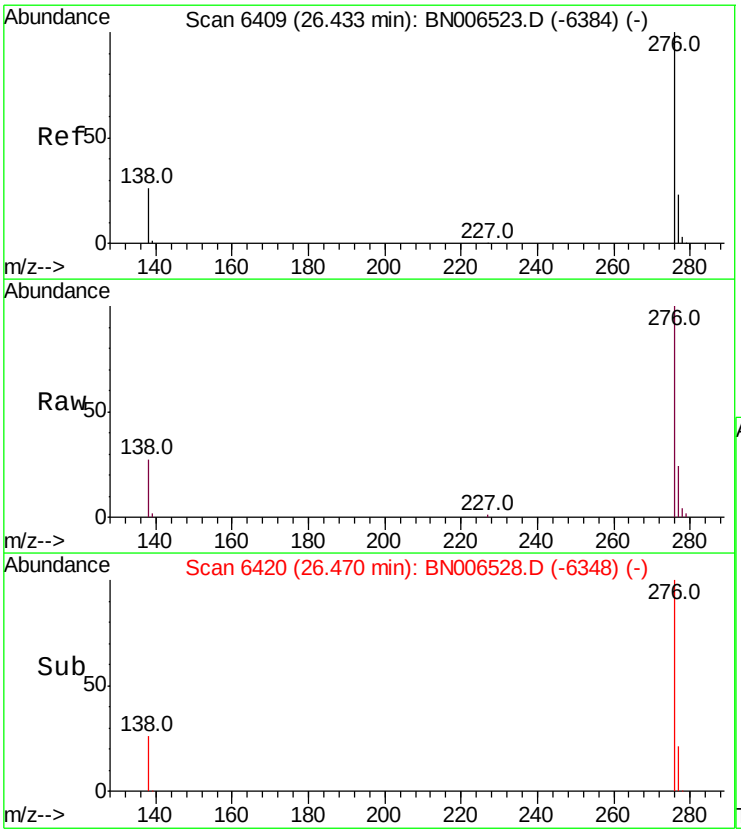
Tgt Ion:278 Resp: 7756

Ion	Ratio	Lower	Upper
278	100		
139	26.6	21.2	31.8
279	31.1	22.6	33.8



Instrument :
BNA_N
ClientSampleId :
A4235DL

Manual Integrations APPROVED
mohammad
6/25/2019 6:16:54 PM



#26
Benzo(g,h,i)perylene
Concen: 0.875 ng/ul
RT: 26.47 min Scan# 6420
Delta R.T. 0.04 min
Lab File: BN006528.D
Acq: 24 Jun 2019 13:35

Tgt Ion:276 Resp: 26890

Ion	Ratio	Lower	Upper
276	100		
138	27.1	24.2	36.4
277	24.4	21.5	32.3