Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012282.D
Acq On : 17 Oct 2020 00:18
Operator : CG/JU
Sample : L4201-17DL 5X
Misc :
ALS Vial : 94 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
mohammad
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Quant Time: Oct 17 04:28:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 23:42:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2079	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8771	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4930	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	9824	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7904	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7990	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	394	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	824	0.03	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.06	142	417	0.026	ng/ul	94
7) Acenaphthylene	13.98	152	1190	0.056	ng/ul#	86
8) Acenaphthene	14.32	153	1983	0.110	ng/ul	98
9) Fluorene	15.31	166	3676	0.183	ng/ul	98
12) Phenanthrene	17.05	178	51249	1.637	ng/ul	98
13) Anthracene	17.14	178	14989	0.558	ng/ul	99
15) Fluoranthene	19.07	202	67686	1.848	ng/ul	97
17) Pyrene	19.44	202	53492	1.501	ng/ul	100
18) Benzo(a)anthracene	21.19	228	29287	1.000	ng/ul	98
19) Chrysene	21.24	228	24838	0.696	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	28676m	0.889	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	11793m	0.330	ng/ul	
23) Benzo(a)pyrene	23.30	252	20087	0.640	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.58	276	12673	0.314	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	3729	0.116	ng/ul#	58
26) Benzo(g,h,i)perylene	26.25	276	9844	0.266	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
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Acq On : 17 Oct 2020 00:18
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Misc :
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Manual Integrations APPROVED
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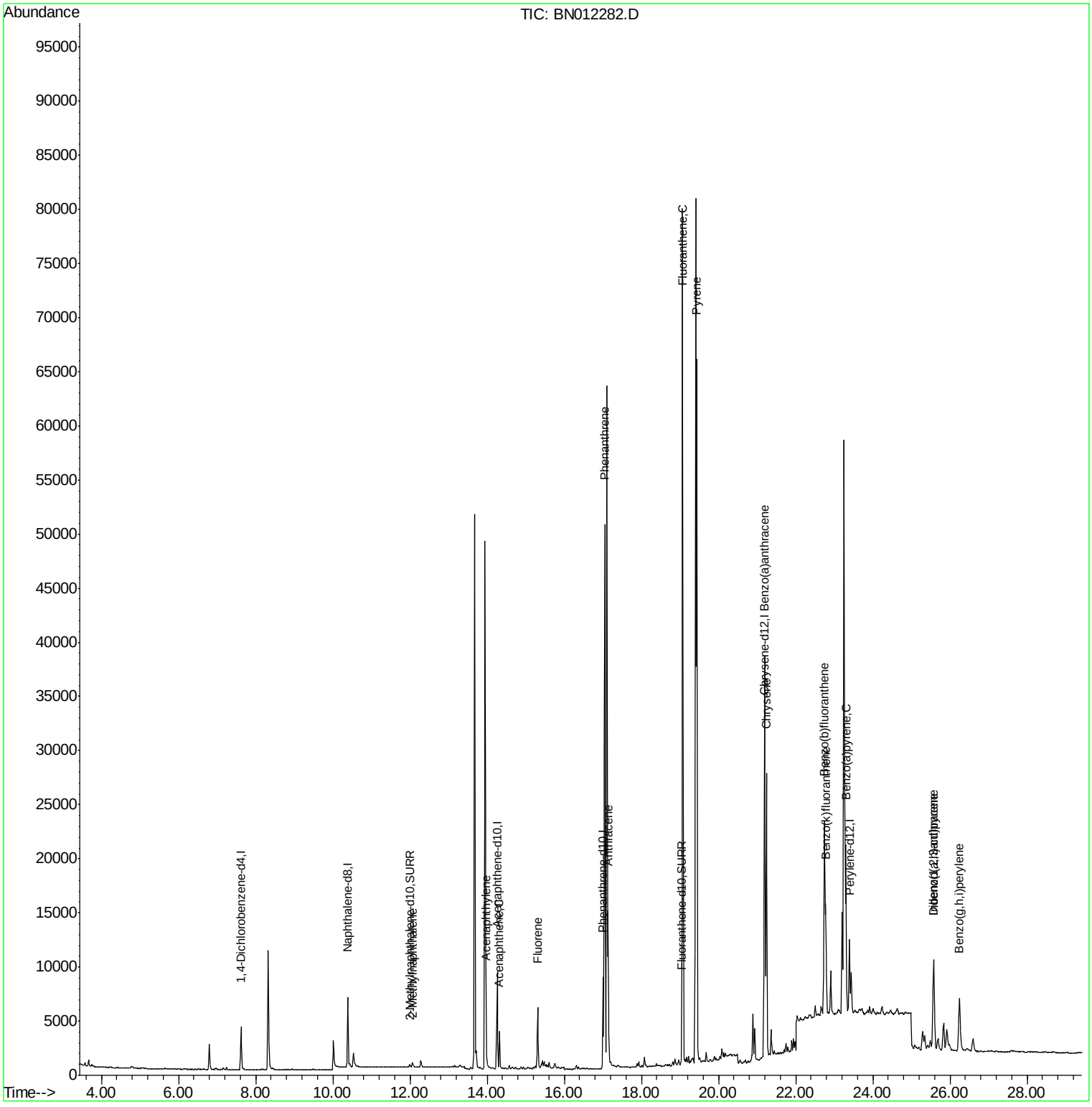

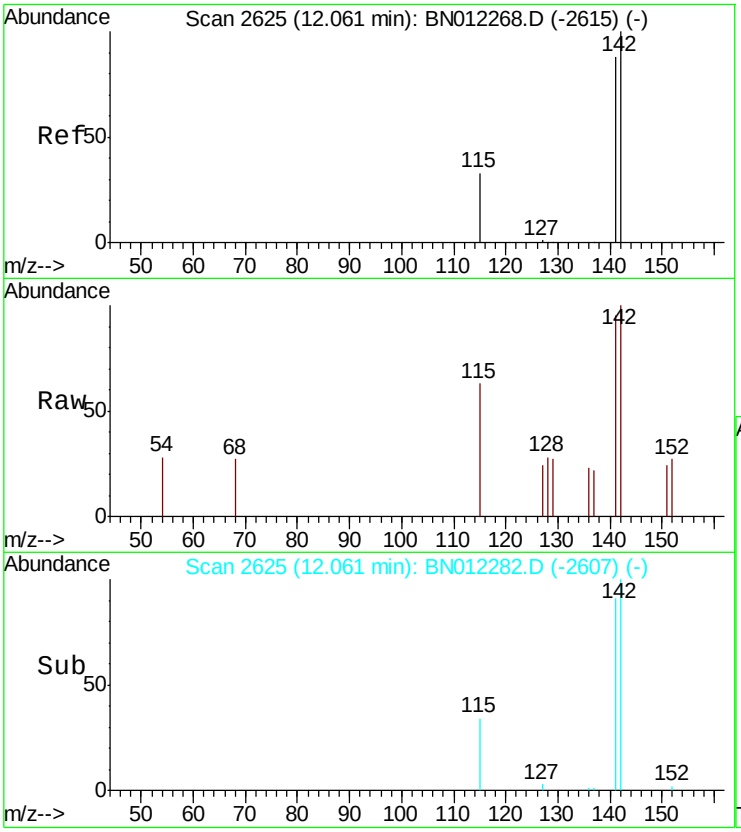

#5
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:142 Resp: 417

Ion	Ratio	Lower	Upper
142	100		
141	95.4	71.7	107.5

Instrument :
BNA_N
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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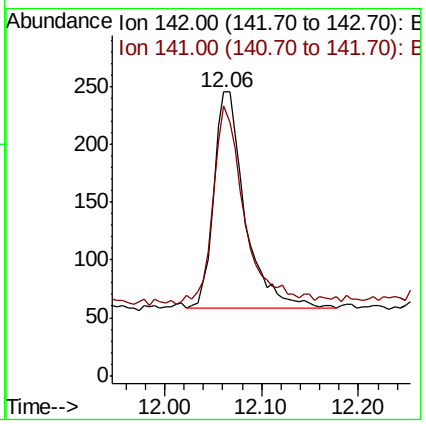
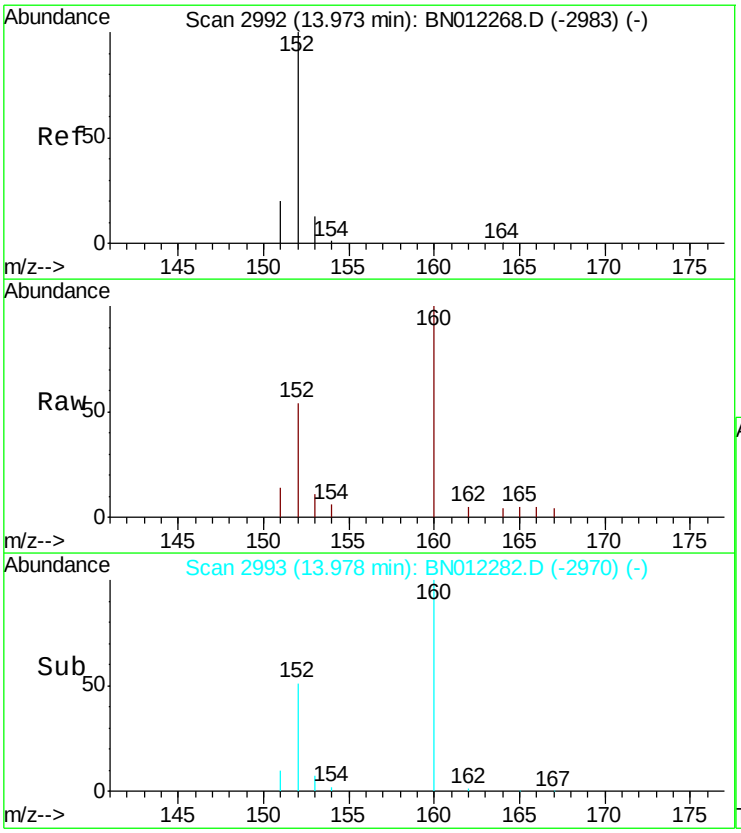
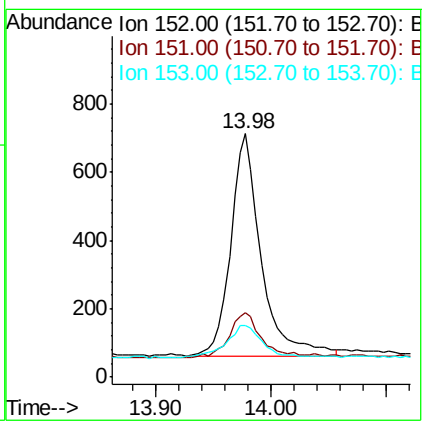


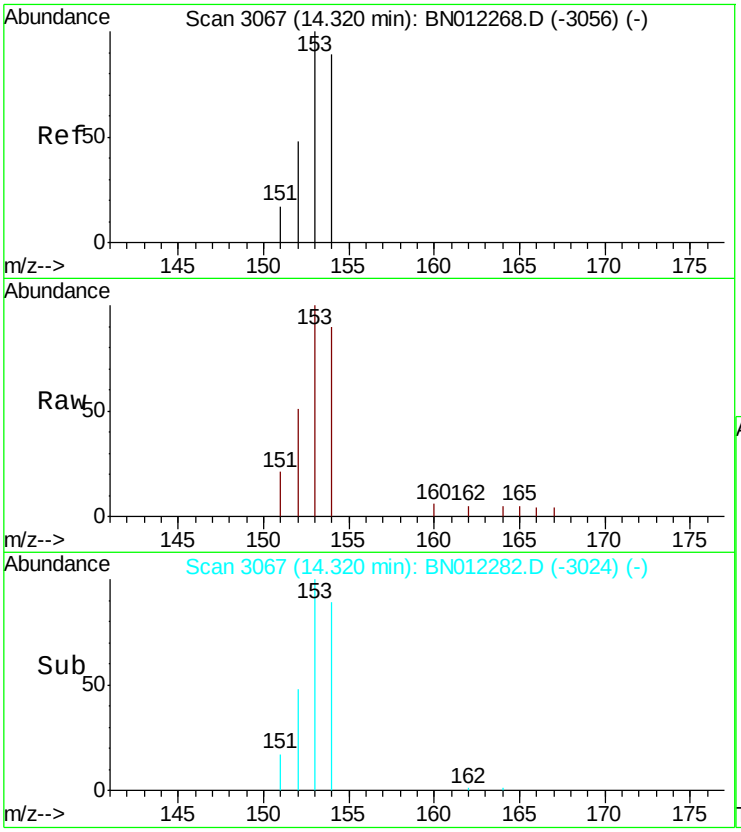


#7
Acenaphthylene
Concen: 0.056 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. 0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:152 Resp: 1190

Ion	Ratio	Lower	Upper
152	100		
151	26.6	16.7	25.1#
153	21.3	11.8	17.8#





#8
Acenaphthene
Concen: 0.110 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:153 Resp: 1983

Ion	Ratio	Lower	Upper
153	100		
152	50.7	38.2	57.2
154	89.7	71.1	106.7

Instrument :
BNA_N
ClientSampleId :
C0AK3DL

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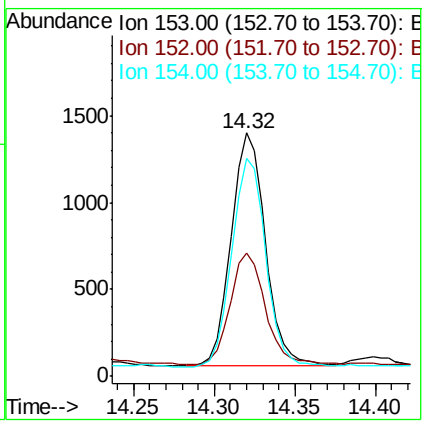
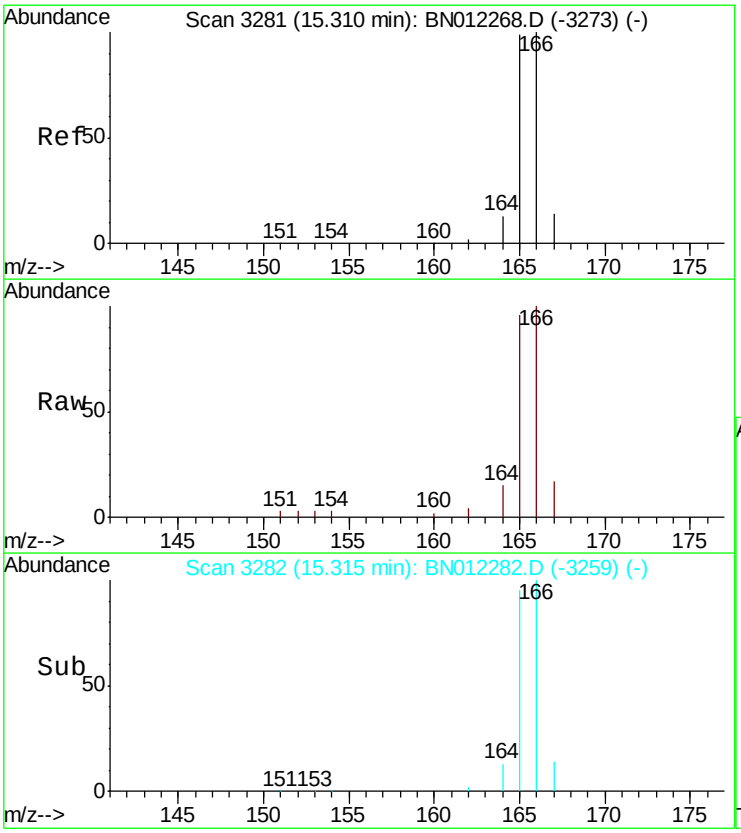
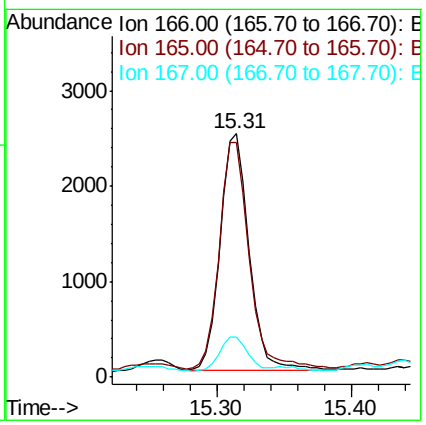


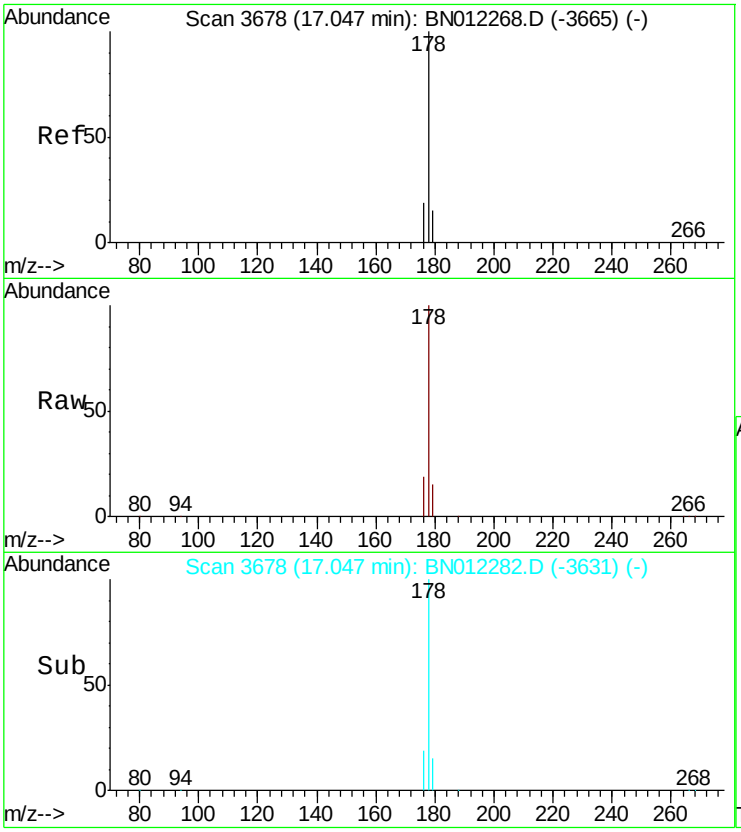


#9
Fluorene
Concen: 0.183 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. 0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:166 Resp: 3676

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.6	118.0
167	16.7	11.9	17.9

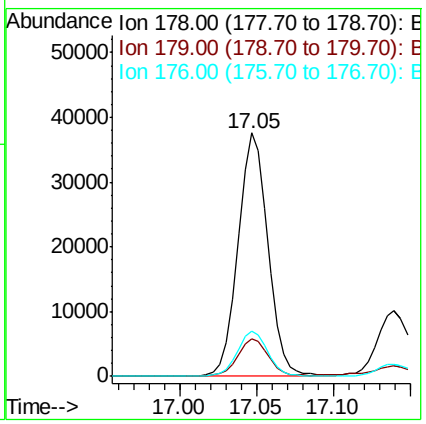




#12
Phenanthrene
Concen: 1.637 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:178 Resp: 51249

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	18.8	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
C0AK3DL

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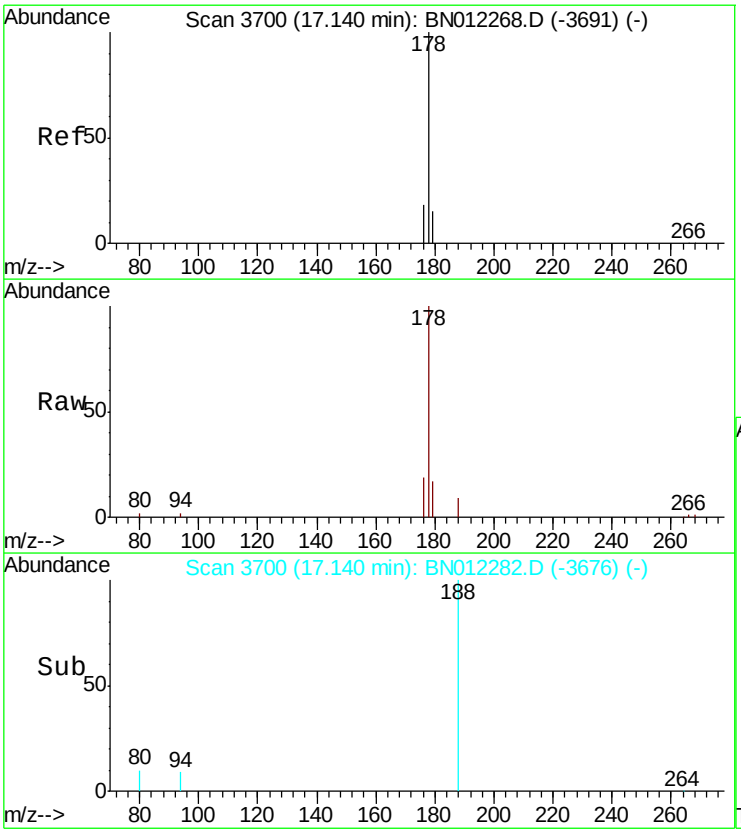
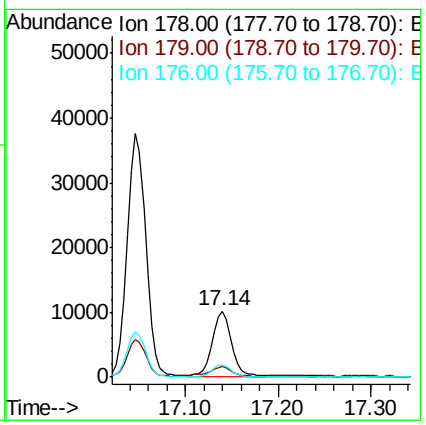
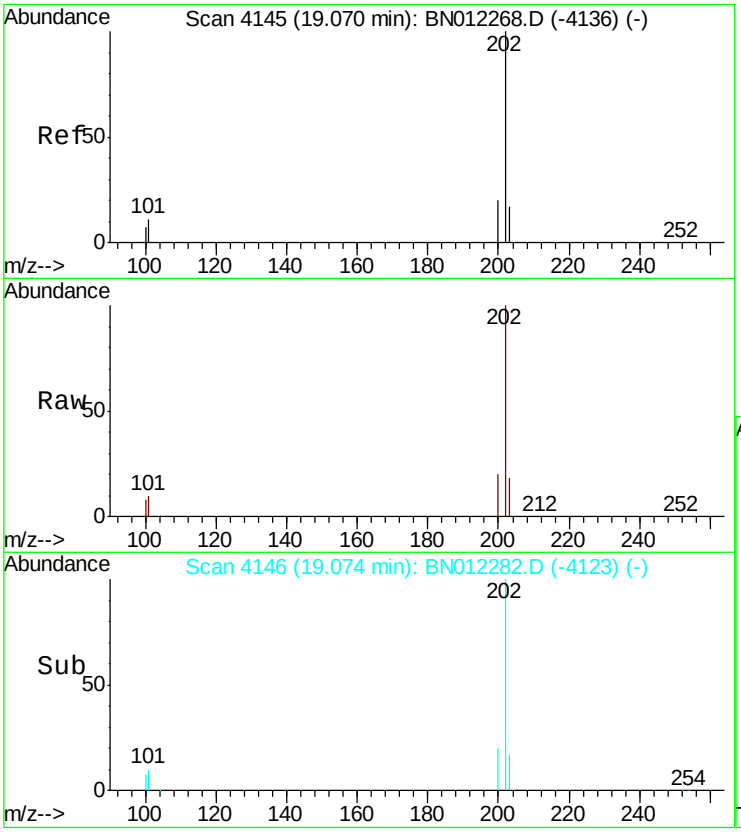


#13
Anthracene
Concen: 0.558 ng/ul
RT: 17.14 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:178 Resp: 14989

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.9	20.9
176	18.6	15.4	23.0

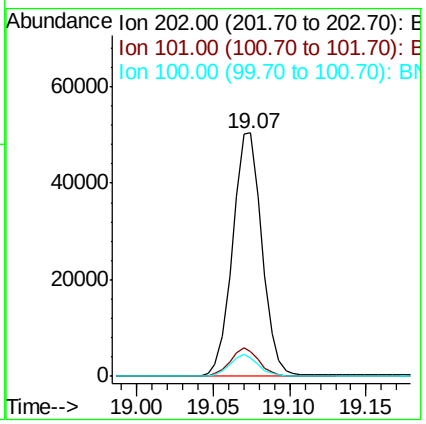




#15
Fluoranthene
Concen: 1.848 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:202 Resp: 67686

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.0
100	7.5	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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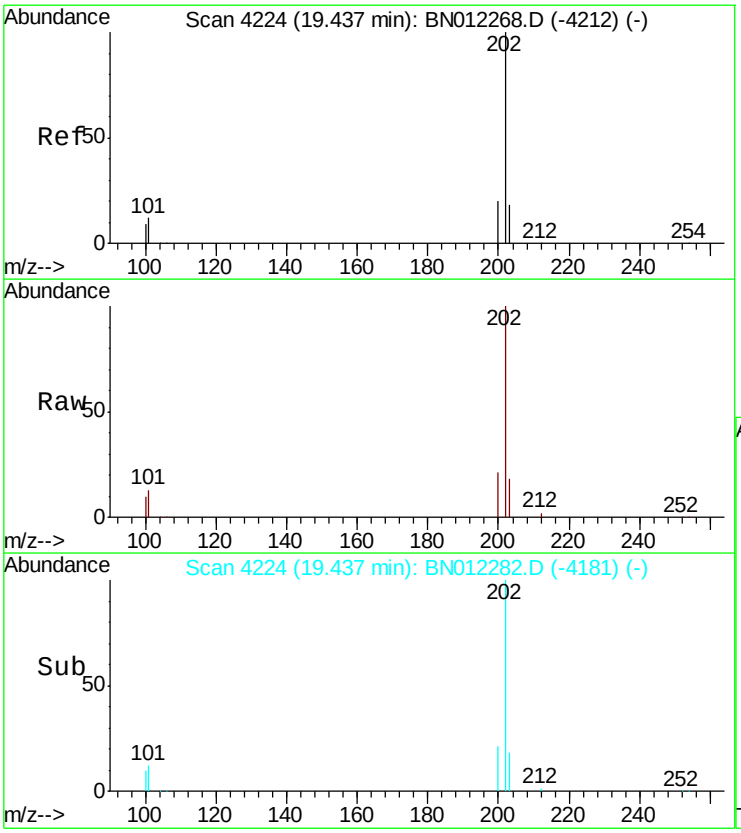
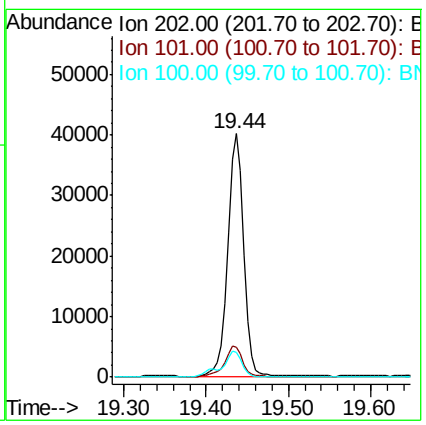
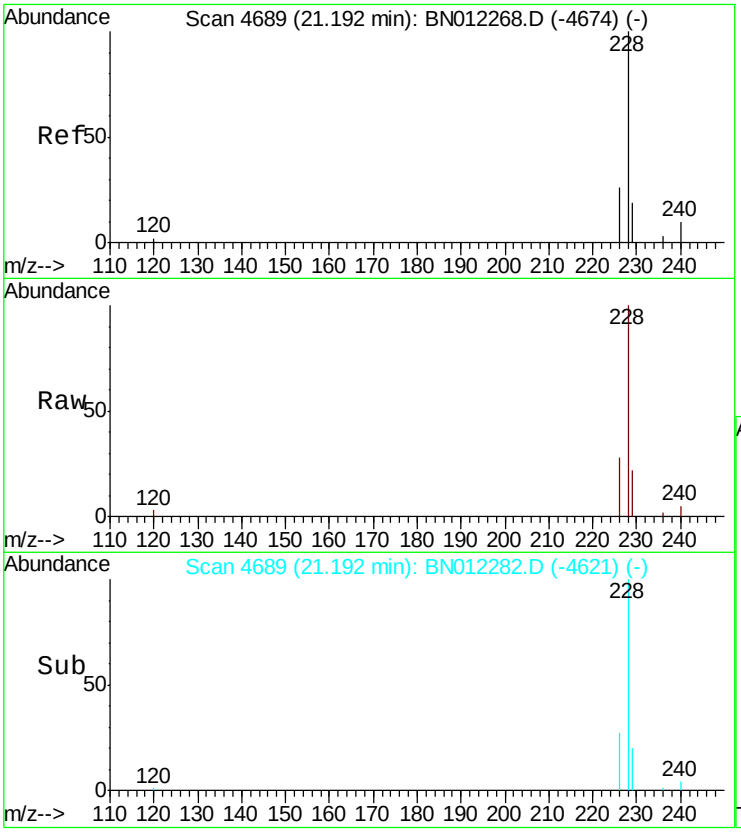


#17
Pyrene
Concen: 1.501 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:202 Resp: 53492

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.9	14.9
100	10.2	8.0	12.0

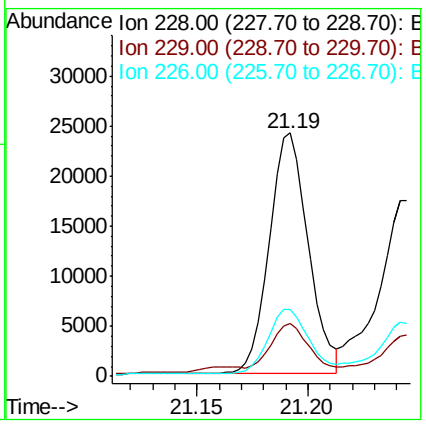




#18
Benzo(a)anthracene
Concen: 1.000 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:228 Resp: 29287

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.8
226	27.7	22.6	33.8



Instrument :
BNA_N
ClientSampleId :
C0AK3DL

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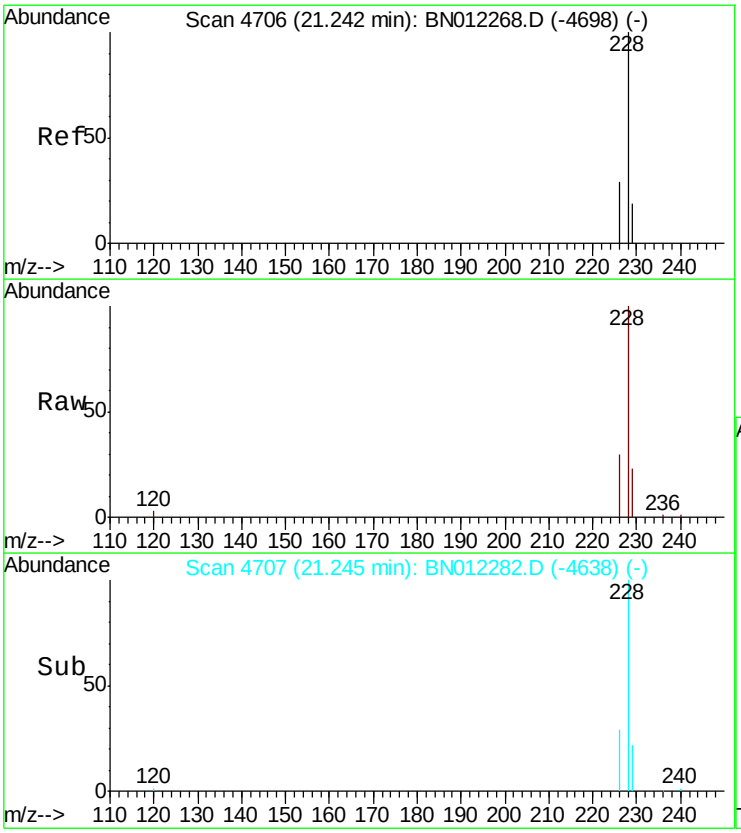
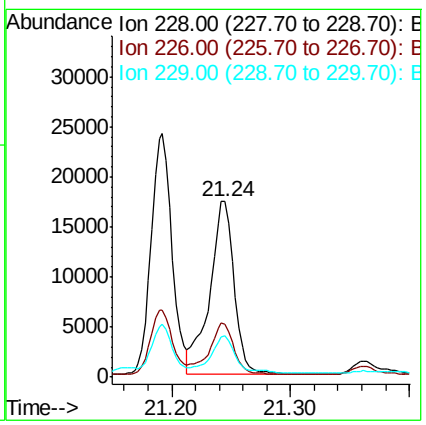
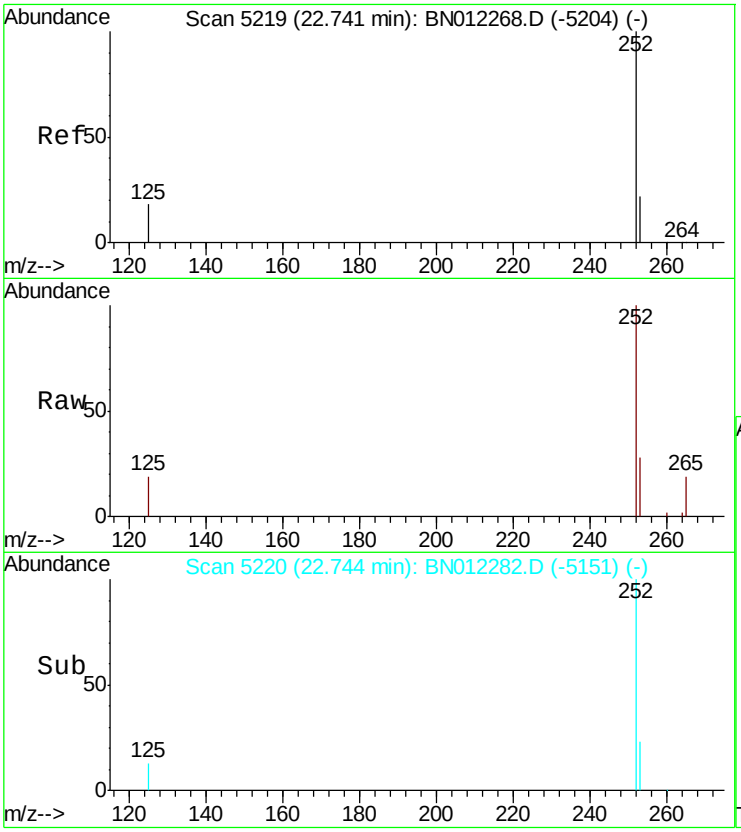


#19
Chrysene
Concen: 0.696 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:228 Resp: 24838

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	23.2	17.0	25.6

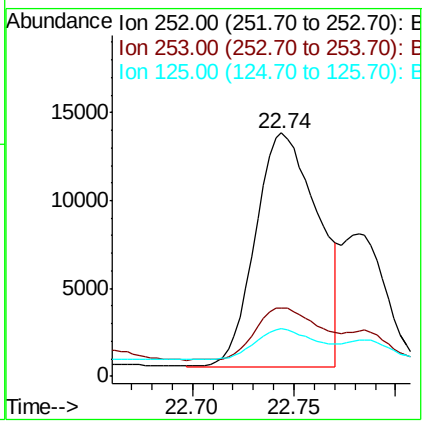




#21
Benzo(b)fluoranthene
Concen: 0.889 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. 0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:252 Resp: 28676

Ion	Ratio	Lower	Upper
252	100		
253	28.1	0.0	61.6
125	19.5	0.0	36.8



Instrument :
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ClientSampleId :
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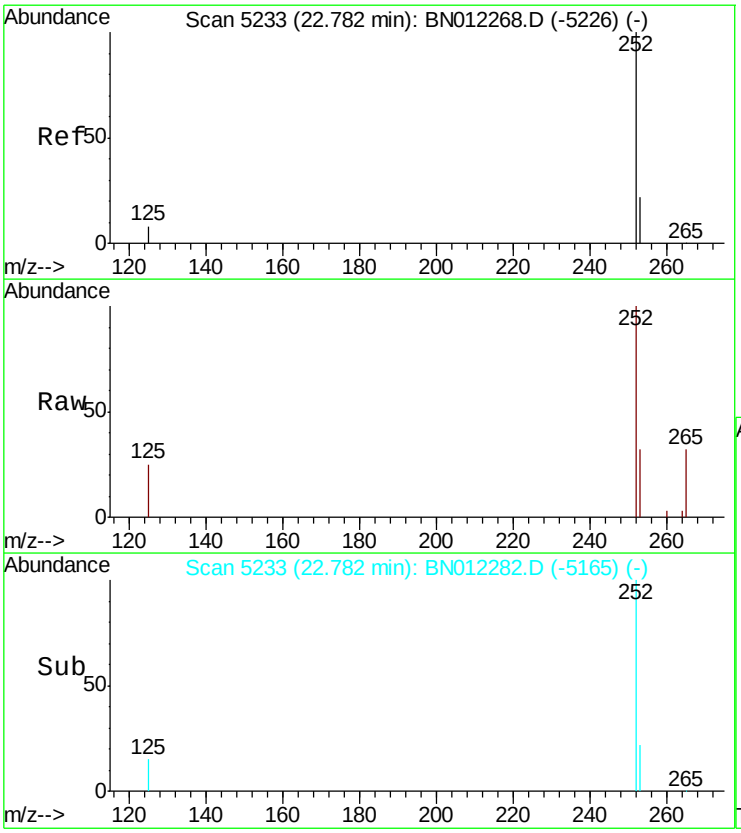
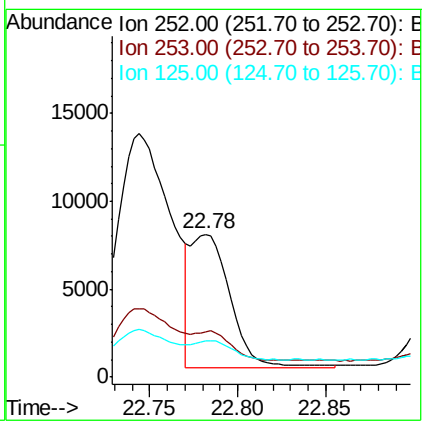
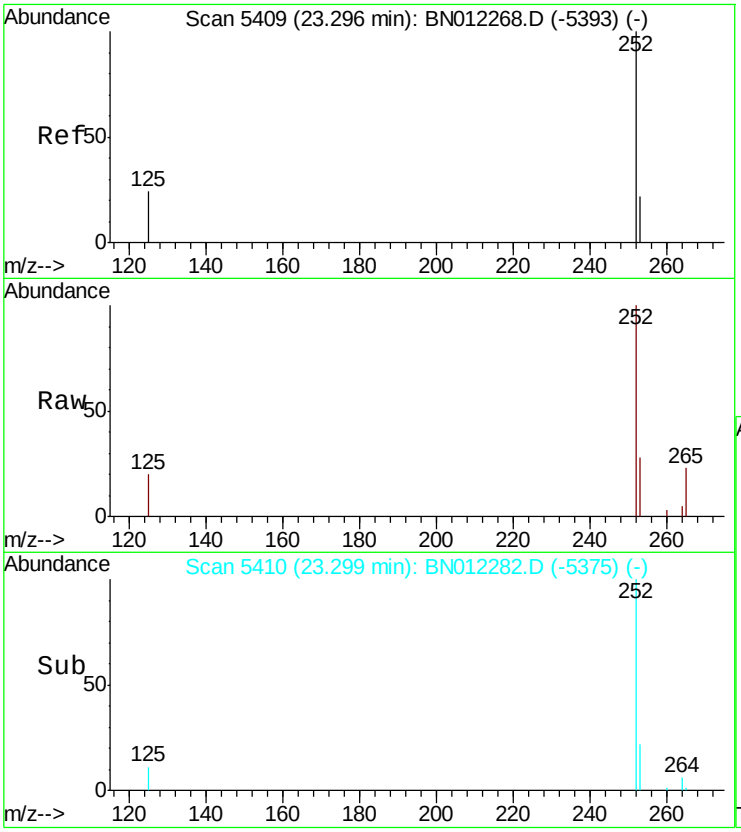


#22
Benzo(k)fluoranthene
Concen: 0.330 ng/ul m
RT: 22.78 min Scan# 5233
Delta R.T. -0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:252 Resp: 11793

Ion	Ratio	Lower	Upper
252	100		
253	31.9	24.4	36.6
125	25.4	12.9	19.3#





#23
Benzo(a)pyrene
Concen: 0.640 ng/ul
RT: 23.30 min Scan# 5410
Delta R.T. 0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:252 Resp: 20087

Ion	Ratio	Lower	Upper
252	100		
253	28.3	27.0	40.4
125	20.1	18.8	28.2

Instrument :
BNA_N
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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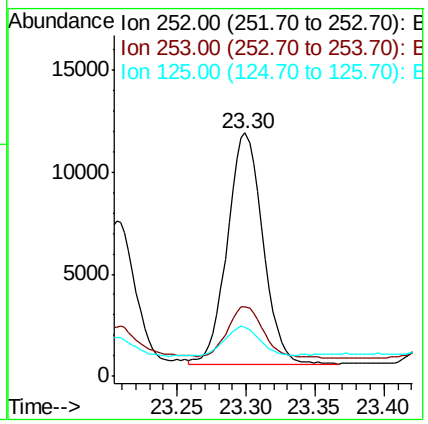
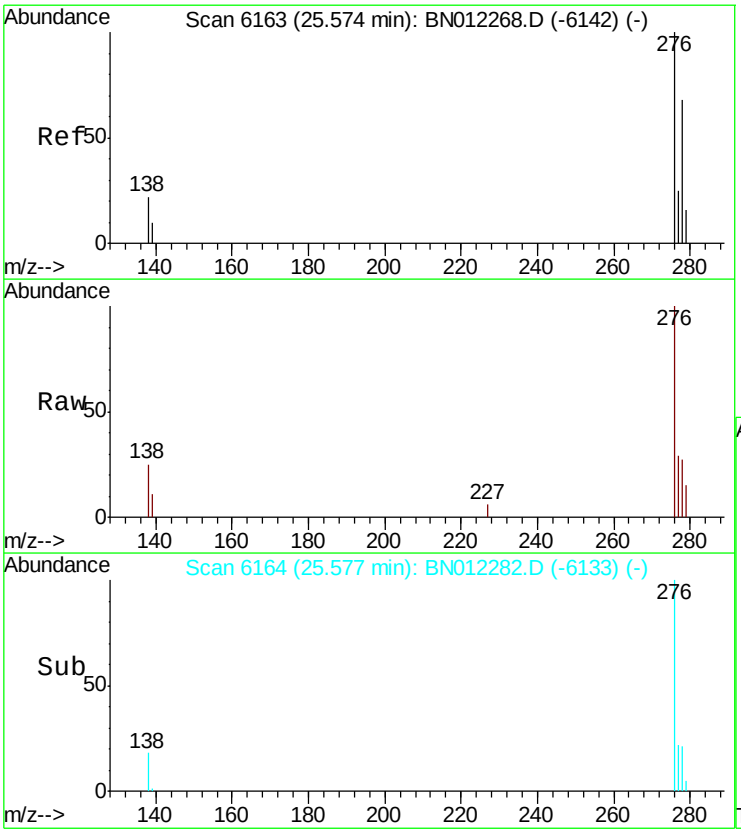
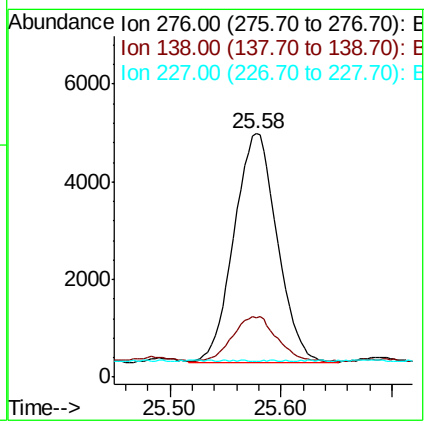


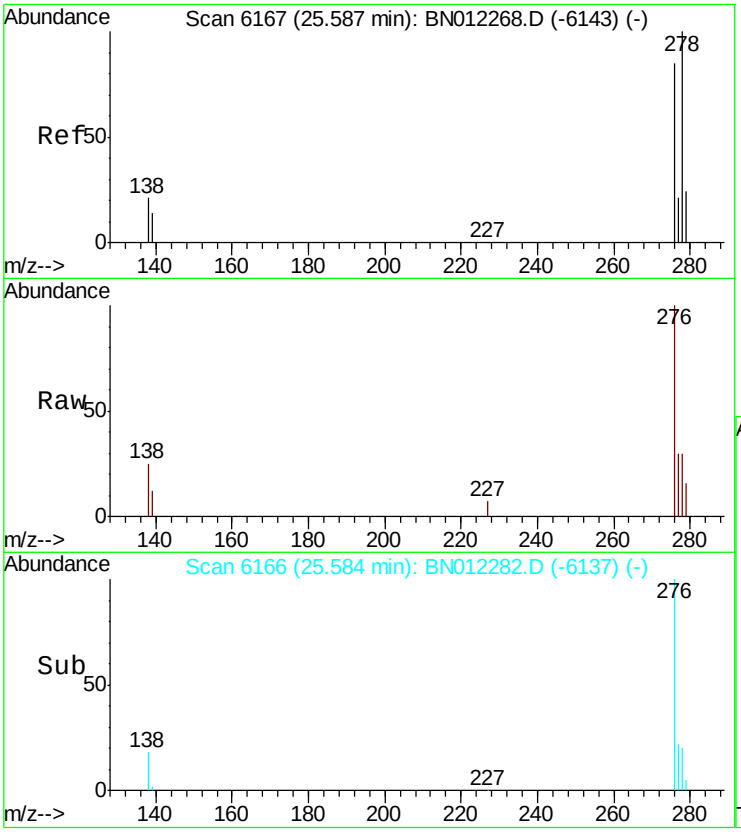


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. 0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:276 Resp: 12673

Ion	Ratio	Lower	Upper
276	100		
138	20.2	0.0	0.0#
227	0.0	0.0	0.0

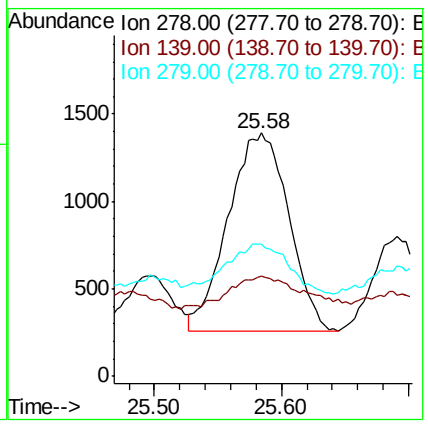




#25
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.00 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:278 Resp: 3729

Ion	Ratio	Lower	Upper
278	100		
139	41.1	15.7	23.5#
279	54.4	26.0	39.0#



Instrument :
BNA_N
ClientSampleId :
C0AK3DL

Manual Integrations APPROVED
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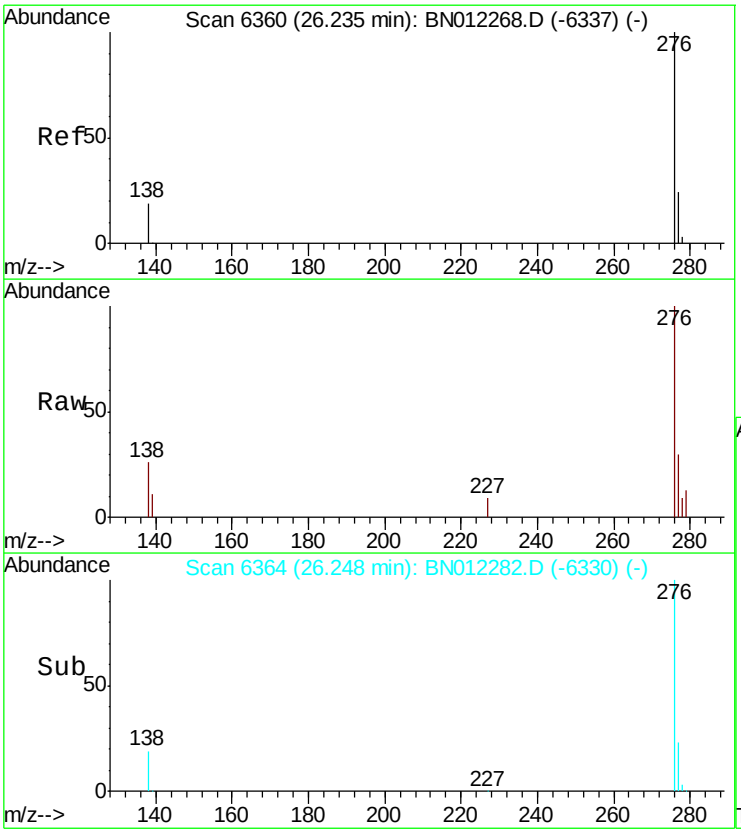

#26
Benzo(g,h,i)perylene
Concen: 0.266 ng/ul
RT: 26.25 min Scan# 6364
Delta R.T. 0.01 min
Lab File: BN012282.D
Acq: 17 Oct 2020 00:18

Tgt Ion:276 Resp: 9844

Ion	Ratio	Lower	Upper
276	100		
138	26.1	17.1	25.7#
277	30.1	21.1	31.7