Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\
Data File : BN011378.D
Acq On : 06 Aug 2020 14:26
Operator : CG/JU
Sample : L3487-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F4L02

Manual Integrations APPROVED
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Quant Time: Aug 06 14:59:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1227	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	4075	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2699	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	5707m	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	5626	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	6071	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.80	152	2764	0.27	ng/ul	-0.01
14) Fluoranthene-d10	18.88	212	8094	0.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.25	128	321166	26.494	ng/ul	98
5) 2-Methylnaphthalene	11.87	142	27049	3.327	ng/ul	98
7) Acenaphthylene	13.80	152	2838	0.220	ng/ul#	71
8) Acenaphthene	14.15	153	38978	3.805	ng/ul	98
9) Fluorene	15.15	166	18823	1.563	ng/ul	99
11) Pentachlorophenol	16.50	266	279586	199.830	ng/ul	100
12) Phenanthrene	16.88	178	8988	0.475	ng/ul	96
13) Anthracene	16.97	178	1325	0.080	ng/ul#	69
15) Fluoranthene	18.91	202	586	0.025	ng/ul	58
17) Pyrene	19.28	202	1386	0.054	ng/ul#	79

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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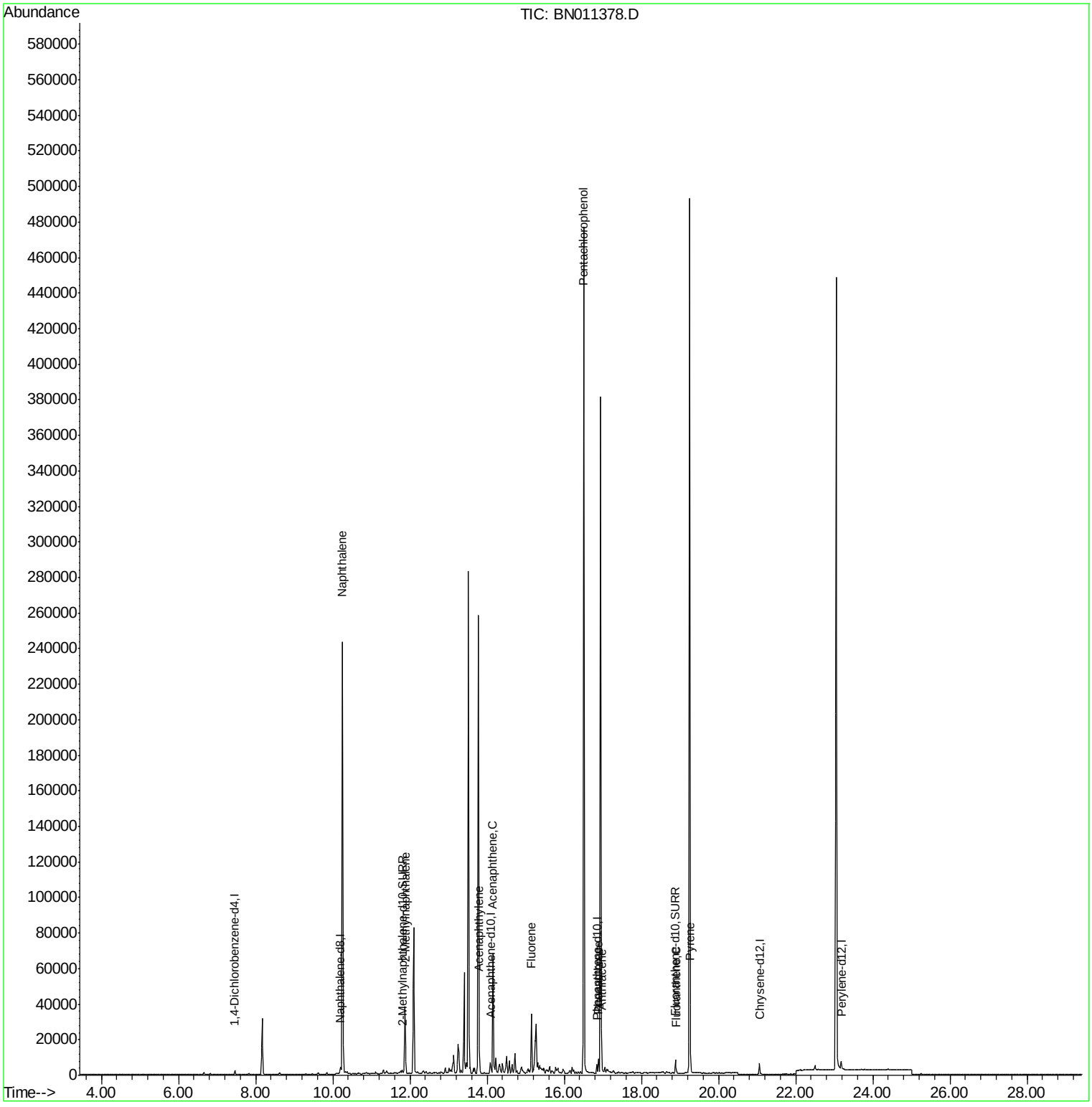

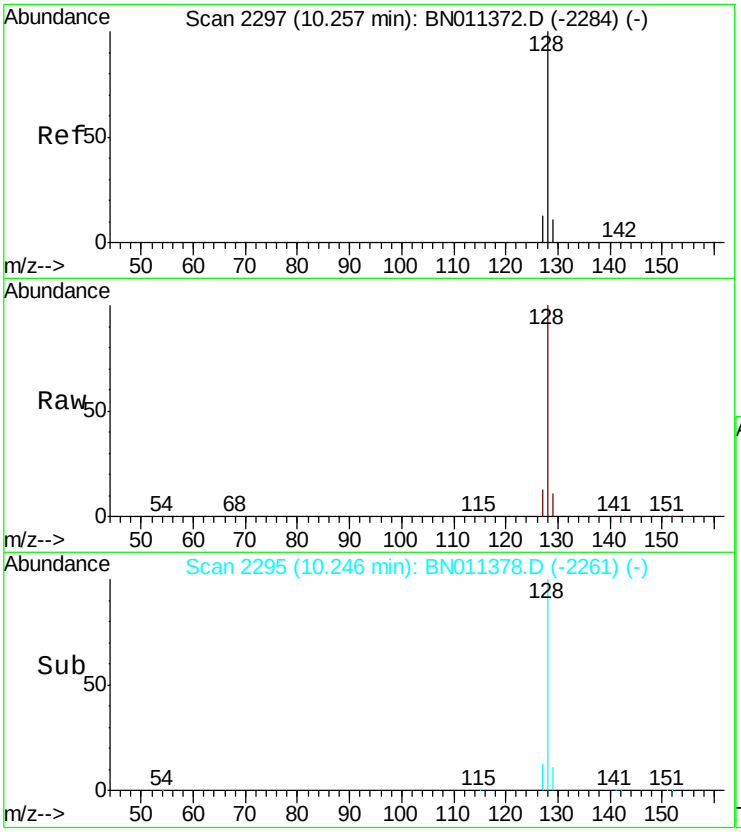

#3
Naphthalene
Concen: 26.494 ng/ul
RT: 10.25 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BN011378.D
Acq: 06 Aug 2020 14:26

Tgt Ion:128 Resp: 321166

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.6	14.4
127	13.3	11.2	16.8

Instrument :
BNA_N
ClientSampleId :
F4L02

Manual Integrations APPROVED
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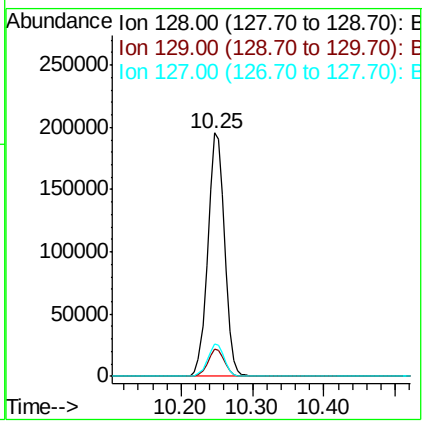
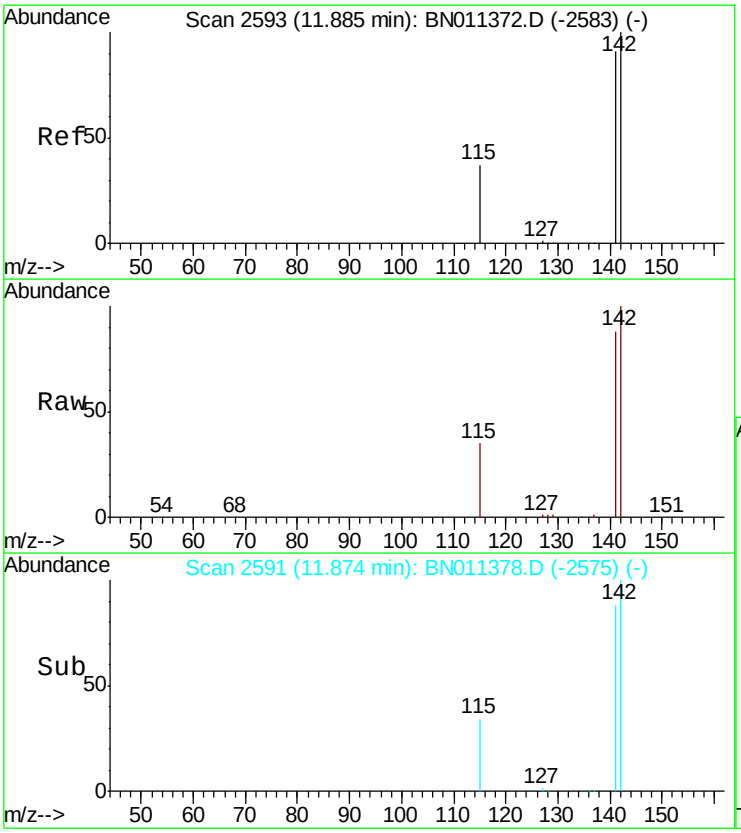
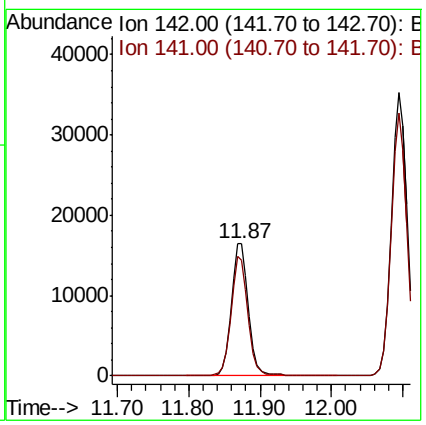


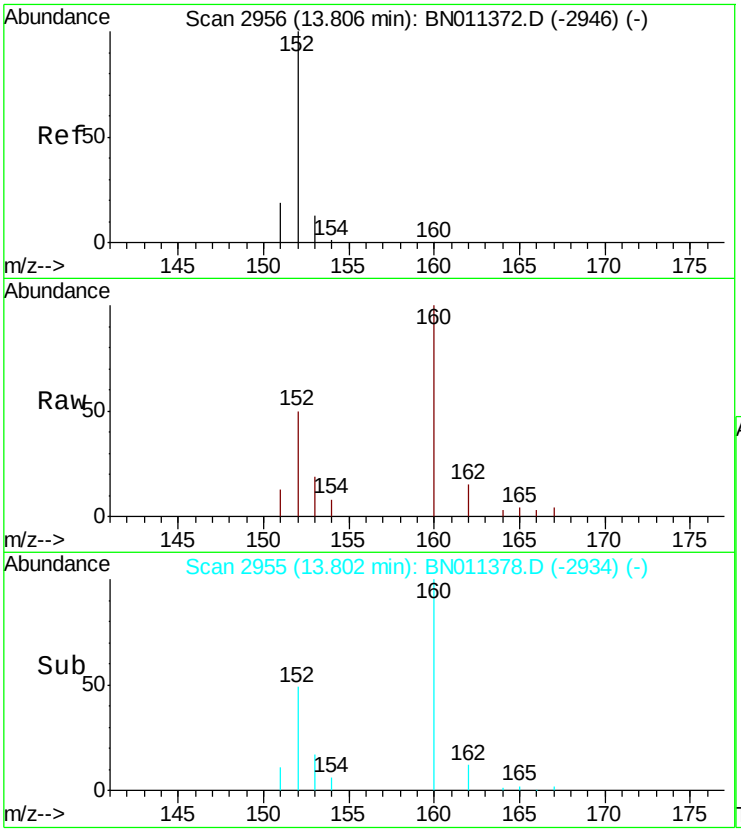


#5
2-Methylnaphthalene
Concen: 3.327 ng/ul
RT: 11.87 min Scan# 2591
Delta R.T. -0.01 min
Lab File: BN011378.D
Acq: 06 Aug 2020 14:26

Tgt Ion:142 Resp: 27049

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.8	109.2





#7
Acenaphthylene
Concen: 0.220 ng/ul
RT: 13.80 min Scan# 2955
Delta R.T. -0.00 min
Lab File: BN011378.D
Acq: 06 Aug 2020 14:26

Tgt Ion:152 Resp: 2838

Ion	Ratio	Lower	Upper
152	100		
151	26.4	17.1	25.7#
153	37.0	11.4	17.0#

Instrument :
BNA_N
ClientSampleId :
F4L02

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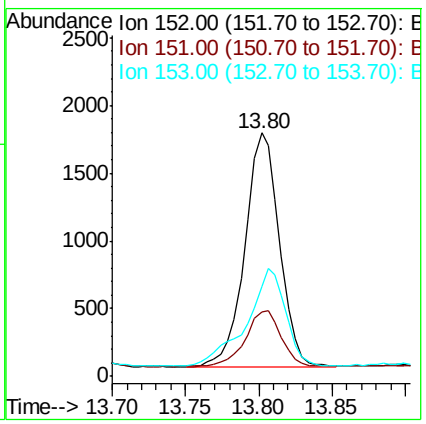
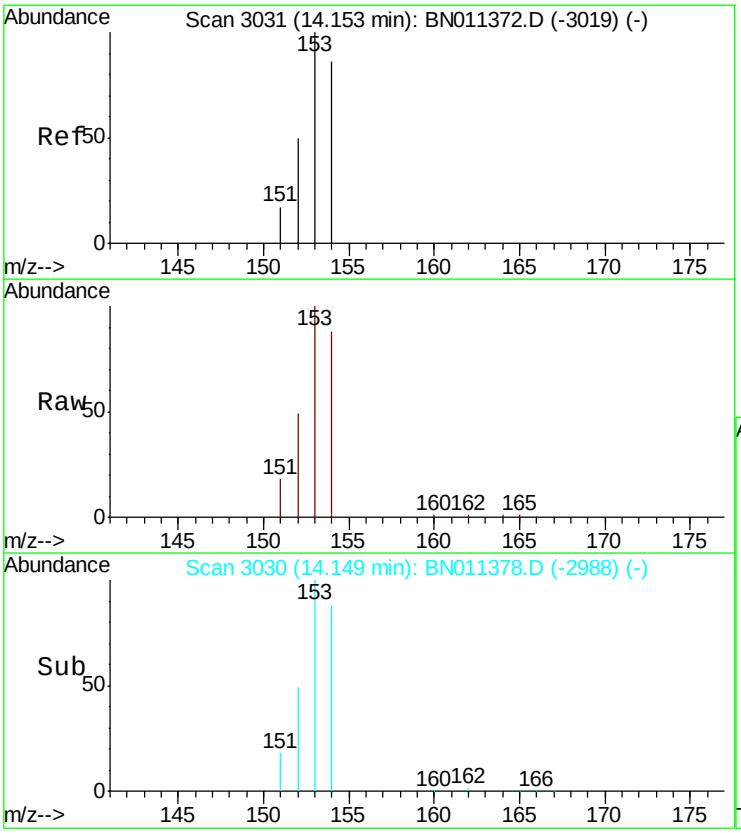
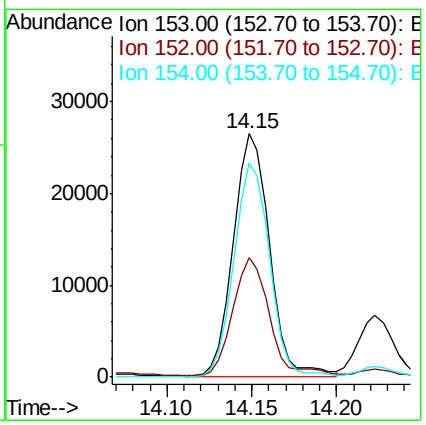


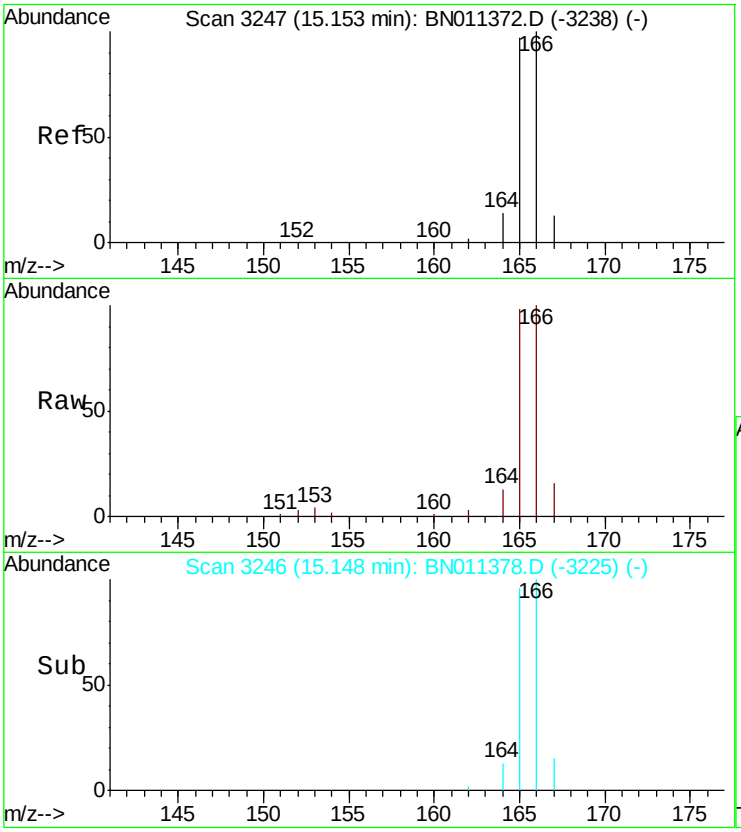


#8
Acenaphthene
Concen: 3.805 ng/ul
RT: 14.15 min Scan# 3030
Delta R.T. -0.00 min
Lab File: BN011378.D
Acq: 06 Aug 2020 14:26

Tgt Ion:153 Resp: 38978

Ion	Ratio	Lower	Upper
153	100		
152	48.9	40.5	60.7
154	88.0	69.5	104.3

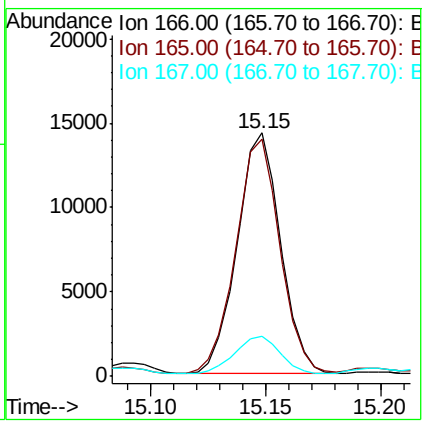




#9
Fluorene
Concen: 1.563 ng/ul
RT: 15.15 min Scan# 3246
Delta R.T. -0.00 min
Lab File: BN011378.D
Acq: 06 Aug 2020 14:26

Tgt Ion:166 Resp: 18823

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.8	118.2
167	16.4	12.1	18.1



Instrument :
BNA_N
ClientSampleId :
F4L02

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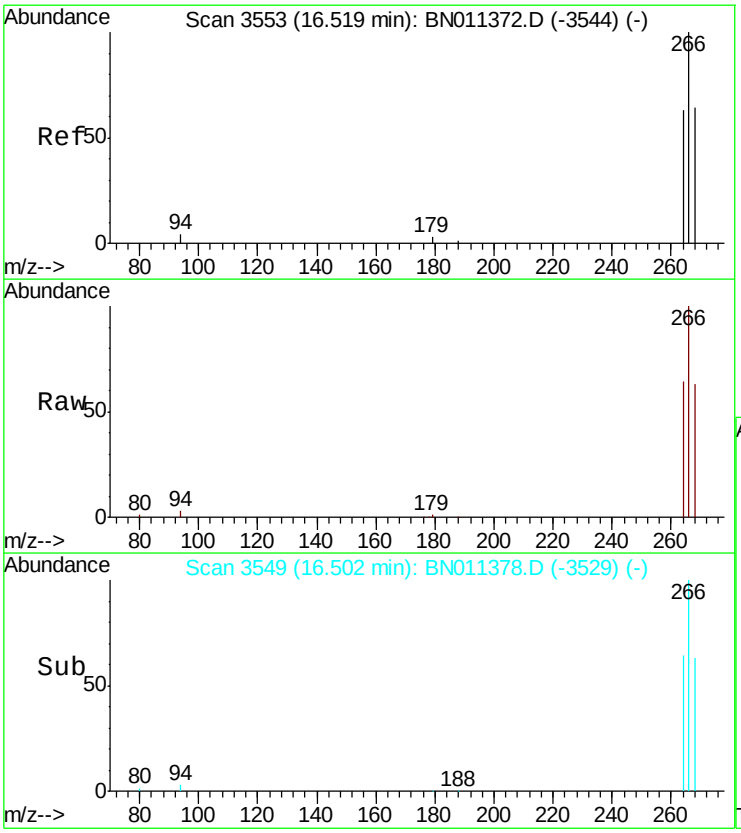
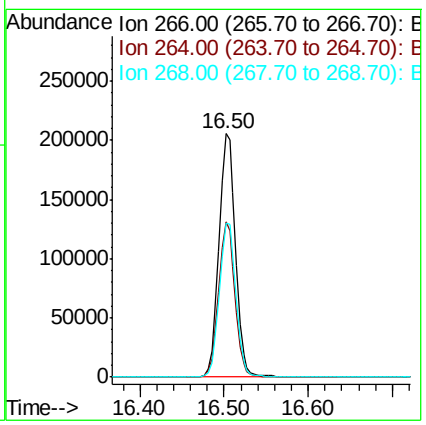
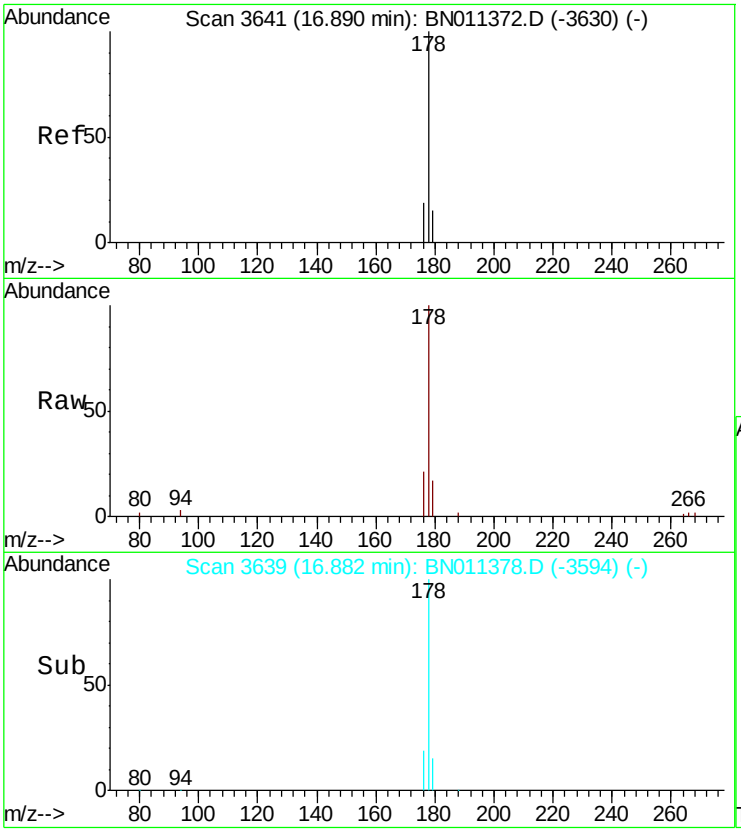


#11
Pentachlorophenol
Concen: 199.830 ng/ul
RT: 16.50 min Scan# 3549
Delta R.T. -0.02 min
Lab File: BN011378.D
Acq: 06 Aug 2020 14:26

Tgt Ion:266 Resp: 279586

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.7	76.1
268	63.7	51.3	76.9

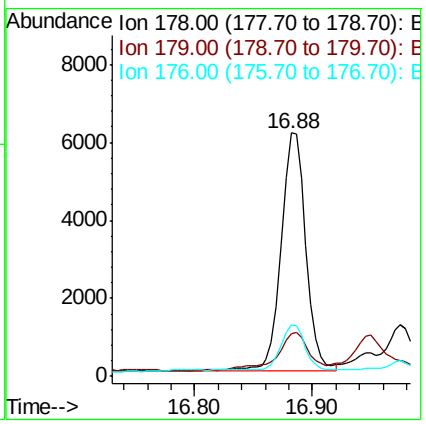




#12
Phenanthrene
Concen: 0.475 ng/ul
RT: 16.88 min Scan# 3639
Delta R.T. -0.01 min
Lab File: BN011378.D
Acq: 06 Aug 2020 14:26

Tgt Ion:178 Resp: 8988

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.6	18.8
176	21.4	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
F4L02

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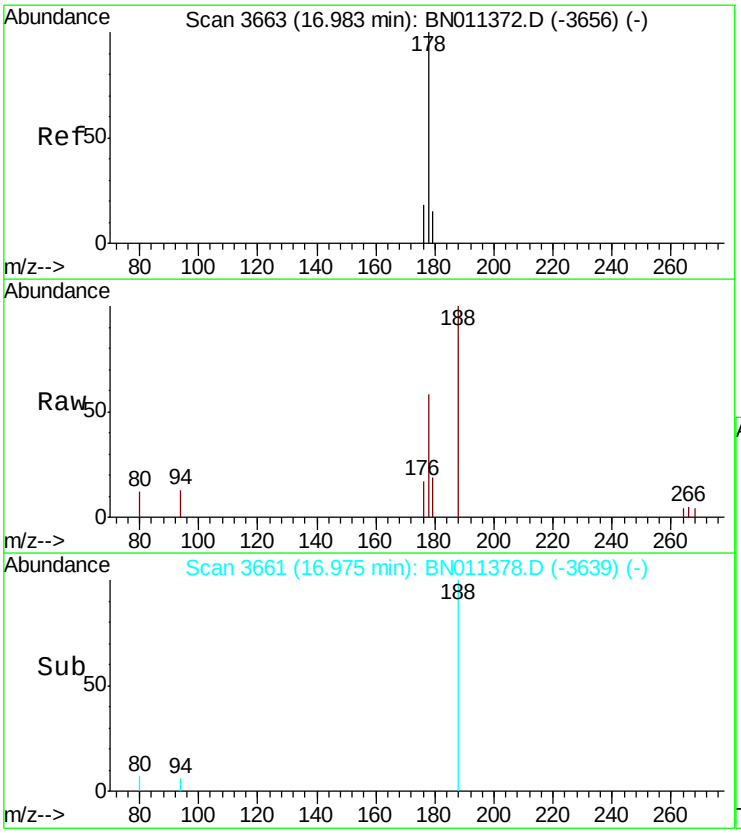
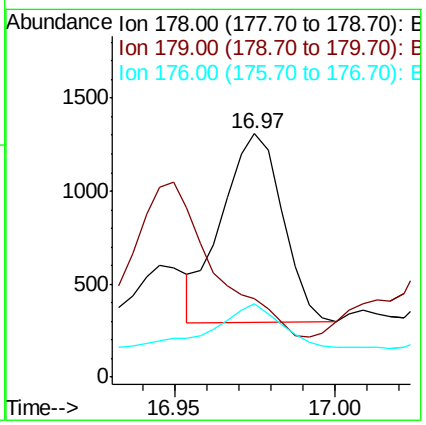
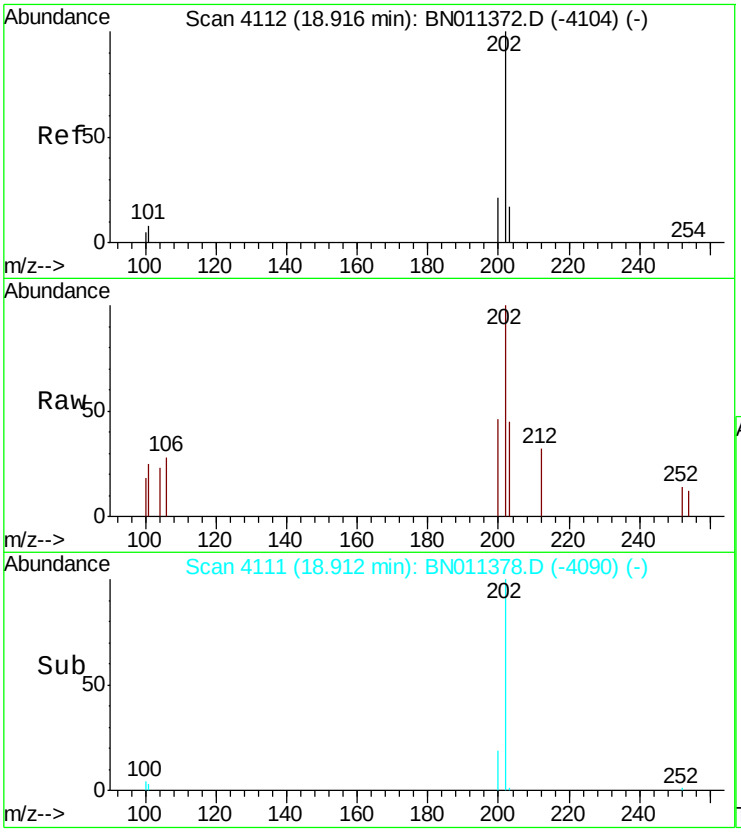


#13
Anthracene
Concen: 0.080 ng/ul
RT: 16.97 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BN011378.D
Acq: 06 Aug 2020 14:26

Tgt Ion:178 Resp: 1325

Ion	Ratio	Lower	Upper
178	100		
179	32.1	13.1	19.7#
176	29.9	14.8	22.2#

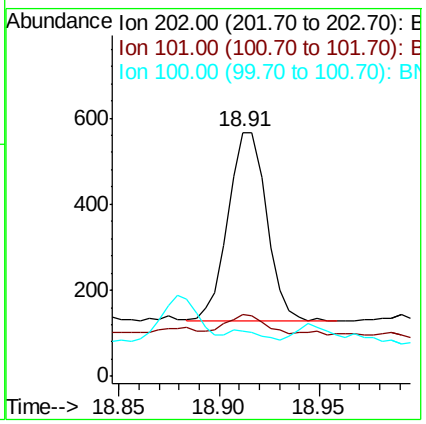




#15
Fluoranthene
Concen: 0.025 ng/ul
RT: 18.91 min Scan# 4111
Delta R.T. -0.00 min
Lab File: BN011378.D
Acq: 06 Aug 2020 14:26

Tgt Ion:202 Resp: 586

Ion	Ratio	Lower	Upper
202	100		
101	25.3	0.0	28.2
100	18.4	0.0	26.8



Instrument :
BNA_N
ClientSampleId :
F4L02

Manual Integrations APPROVED
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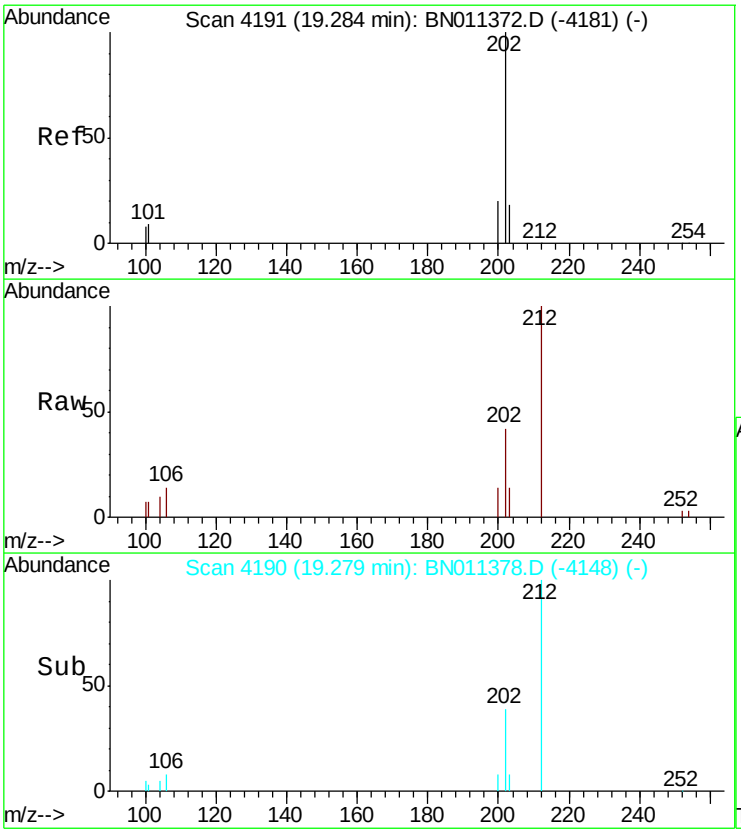

#17
Pyrene
Concen: 0.054 ng/ul
RT: 19.28 min Scan# 4190
Delta R.T. -0.00 min
Lab File: BN011378.D
Acq: 06 Aug 2020 14:26

Tgt Ion:202 Resp: 1386

Ion	Ratio	Lower	Upper
202	100		
101	17.4	8.5	12.7#
100	17.6	7.1	10.7#