Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008344.D
Acq On : 23 Oct 2019 09:18
Operator : JU
Sample : K5223-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPH7

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:25 AM

Quant Time: Oct 23 09:51:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1849	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	9137	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	5767	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12640m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10741	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9624	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4113	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	11253	0.26	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.00	178	2206	0.060	ng/ul#	93
15) Fluoranthene	19.03	202	5544	0.113	ng/ul	95
17) Pyrene	19.39	202	4778m	0.112	ng/ul	
18) Benzo(a)anthracene	21.16	228	2635	0.067	ng/ul#	91
19) Chrysene	21.21	228	2720	0.057	ng/ul#	92
21) Benzo(b)fluoranthene	22.70	252	3416m	0.109	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	1123m	0.032	ng/ul	
23) Benzo(a)pyrene	23.25	252	2140	0.065	ng/ul#	25
24) Indeno(1,2,3-cd)pyrene	25.50	276	1430	0.037	ng/ul#	96
26) Benzo(g,h,i)perylene	26.15	276	1408	0.040	ng/ul#	69

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

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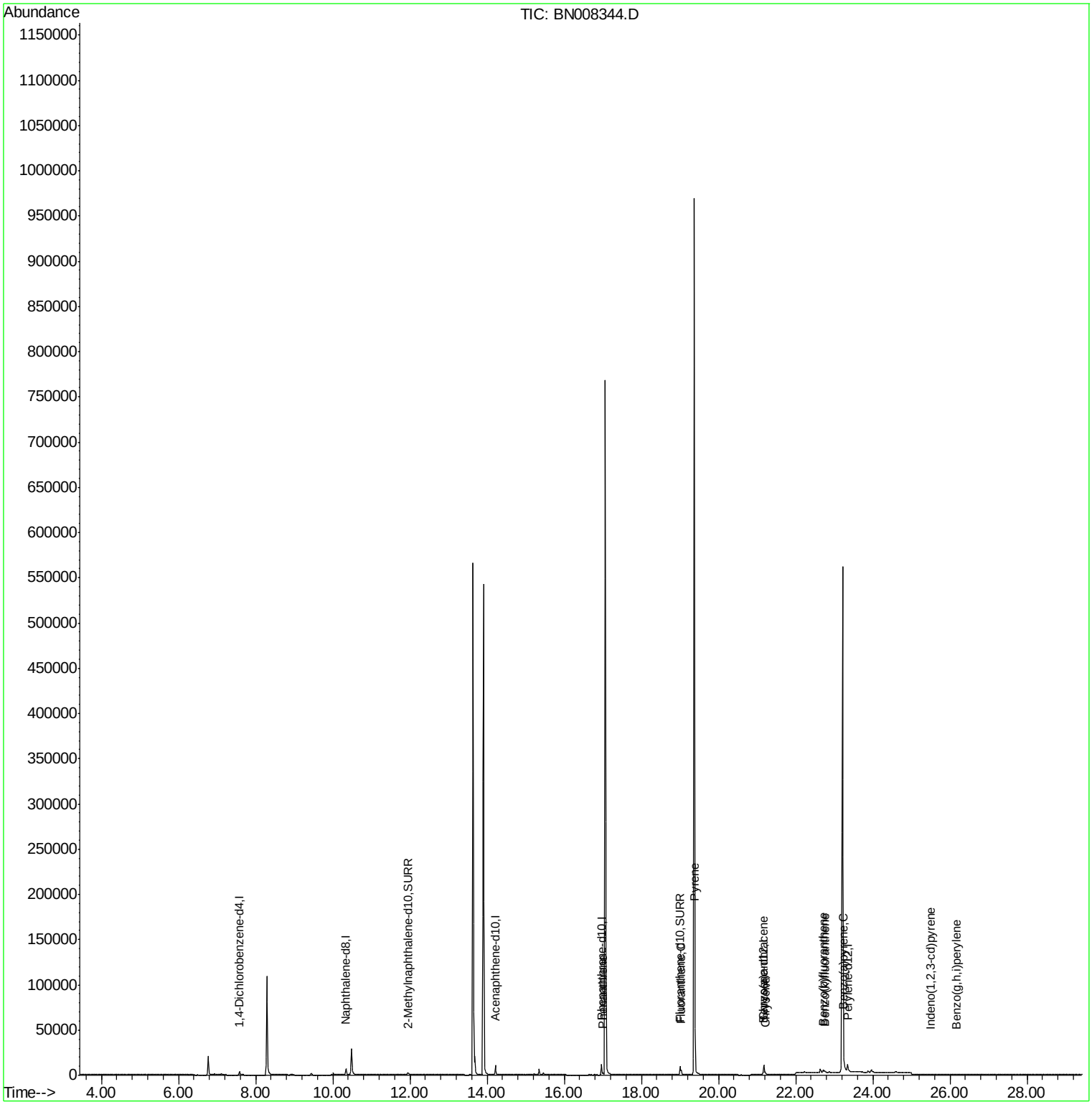

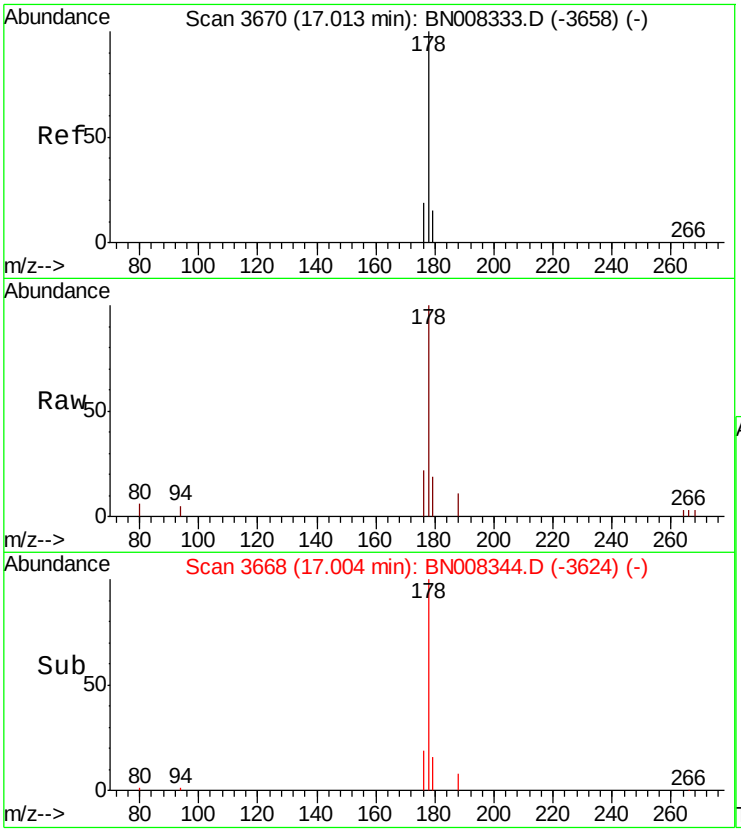

#12
Phenanthrene
Concen: 0.060 ng/ul
RT: 17.00 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BN008344.D
Acq: 23 Oct 2019 09:18

Tgt Ion:178 Resp: 2206

Ion	Ratio	Lower	Upper
178	100		
179	19.5	12.8	19.2#
176	22.1	15.4	23.2

Instrument :
BNA_N
ClientSampleId :
BEPH7

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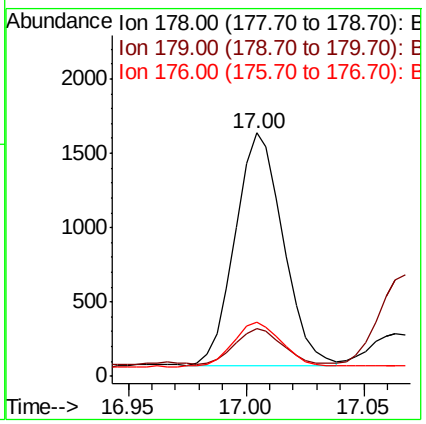
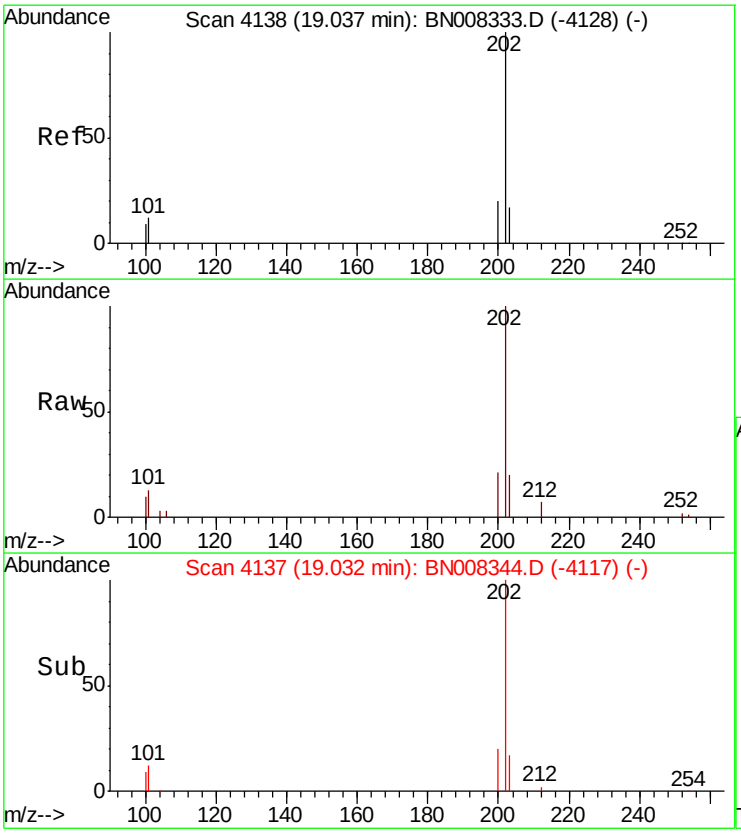
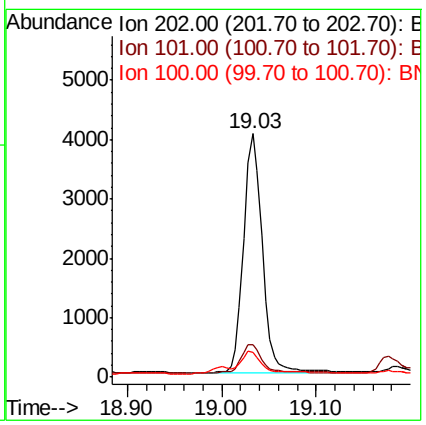


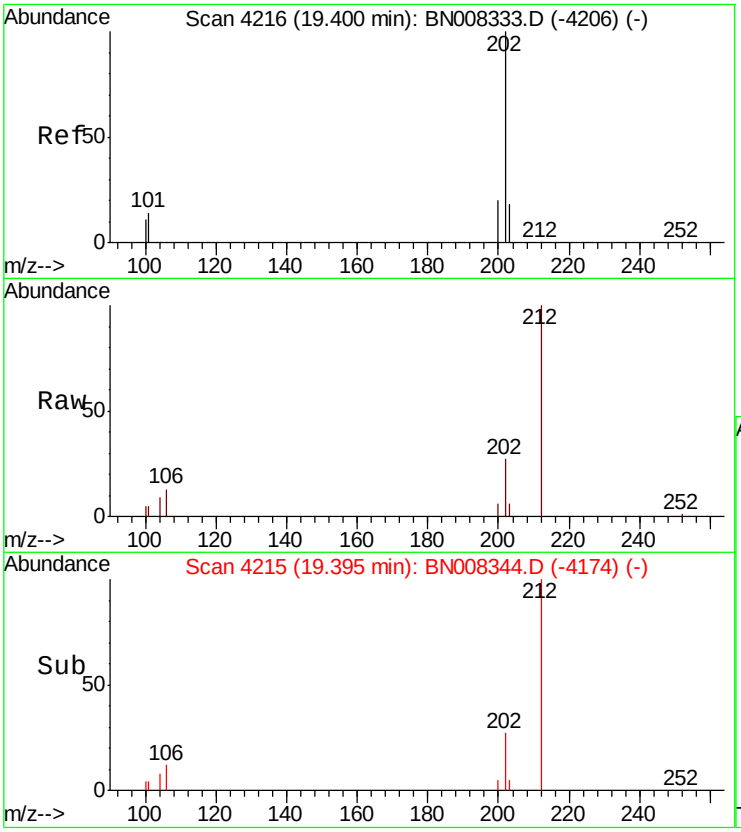


#15
Fluoranthene
Concen: 0.113 ng/ul
RT: 19.03 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN008344.D
Acq: 23 Oct 2019 09:18

Tgt Ion:202 Resp: 5544

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.2
100	10.2	0.0	28.5





#17
Pyrene
Concen: 0.112 ng/ul m
RT: 19.39 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN008344.D
Acq: 23 Oct 2019 09:18

Tgt Ion:202 Resp: 4778

Ion	Ratio	Lower	Upper
202	100		
101	17.1	10.9	16.3#
100	17.6	8.7	13.1#

Instrument :
BNA_N
ClientSampleId :
BEPH7

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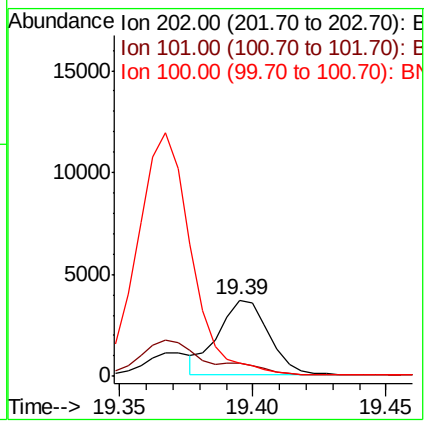
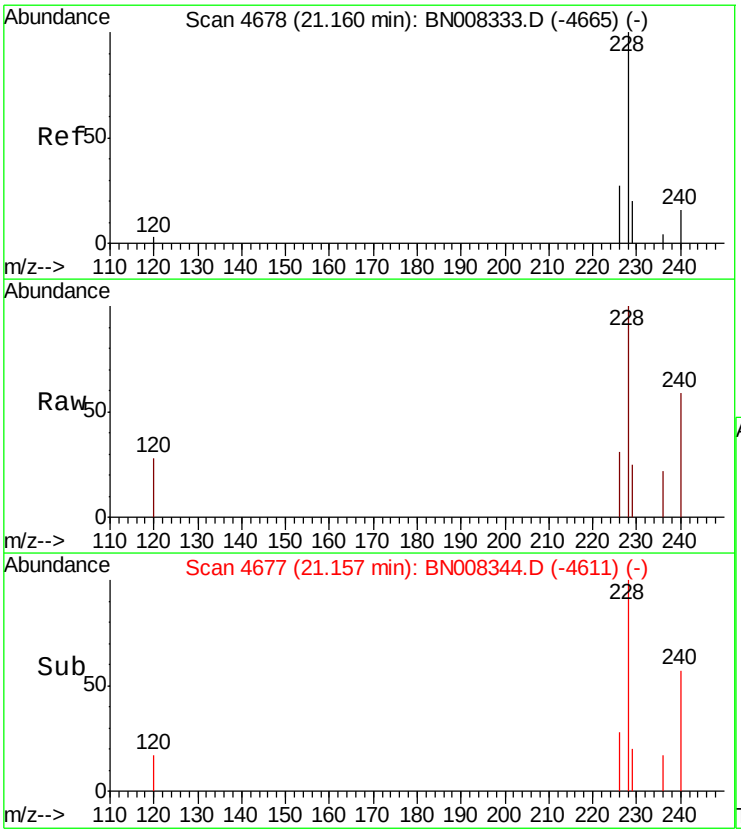
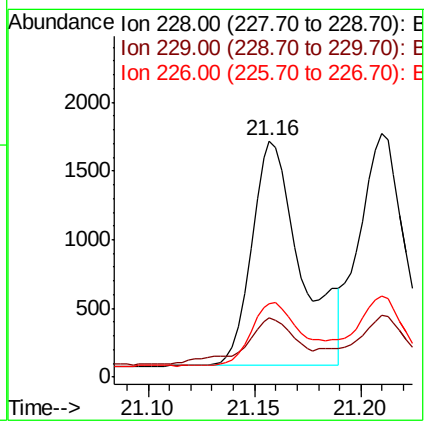


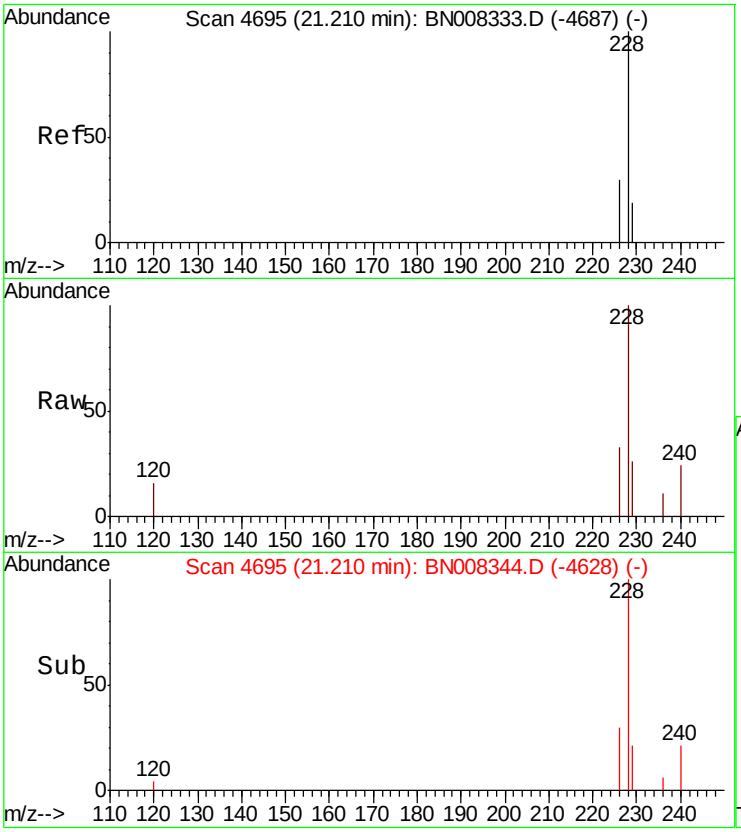


#18
Benzo(a)anthracene
Concen: 0.067 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. -0.01 min
Lab File: BN008344.D
Acq: 23 Oct 2019 09:18

Tgt Ion:228 Resp: 2635

Ion	Ratio	Lower	Upper
228	100		
229	24.9	16.2	24.2#
226	31.3	21.4	32.0





#19
Chrysene
Concen: 0.057 ng/ul
RT: 21.21 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BN008344.D
Acq: 23 Oct 2019 09:18

Tgt Ion:228 Resp: 2720

Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.1	36.1
229	25.6	16.2	24.2#

Instrument :
BNA_N
ClientSampleId :
BEPH7

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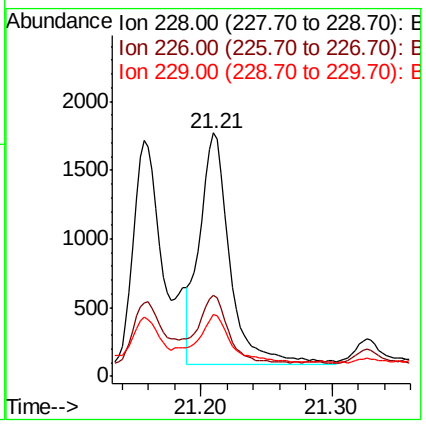
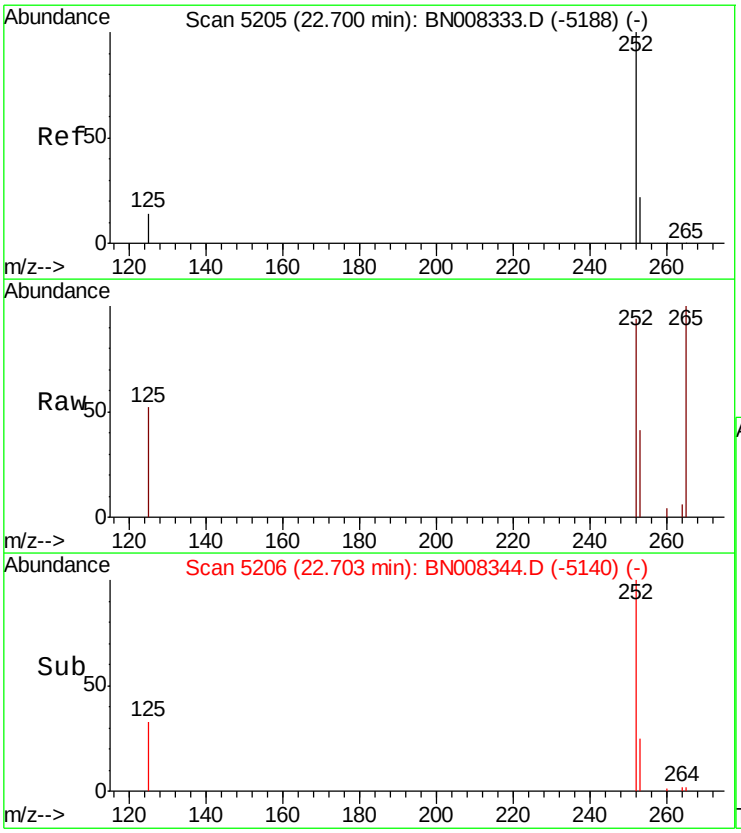
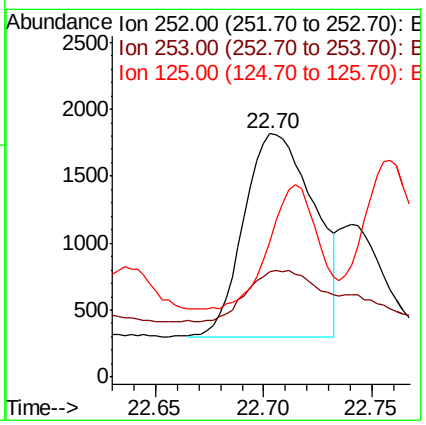


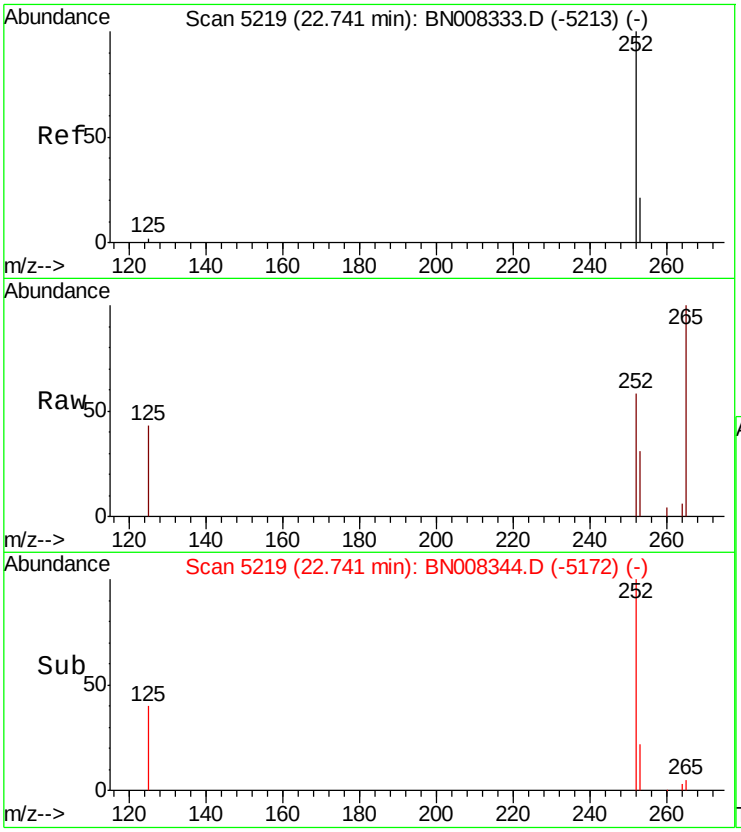


#21
Benzo(b)fluoranthene
Concen: 0.109 ng/ul m
RT: 22.70 min Scan# 5206
Delta R.T. -0.01 min
Lab File: BN008344.D
Acq: 23 Oct 2019 09:18

Tgt Ion:252 Resp: 3416

Ion	Ratio	Lower	Upper
252	100		
253	43.1	0.0	53.4
125	55.2	0.0	32.4#





#22
Benzo(k)fluoranthene
Concen: 0.032 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN008344.D
Acq: 23 Oct 2019 09:18

Tgt Ion:252 Resp: 1123

Ion	Ratio	Lower	Upper
252	100		
253	53.7	21.3	31.9#
125	73.4	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
BEPH7

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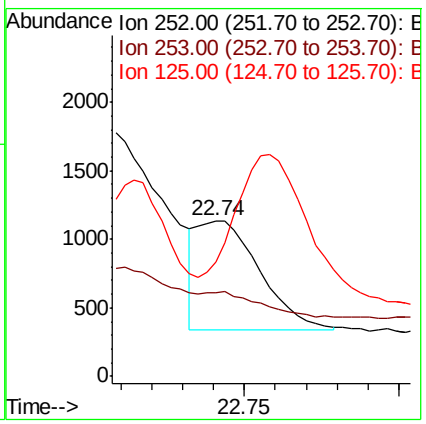
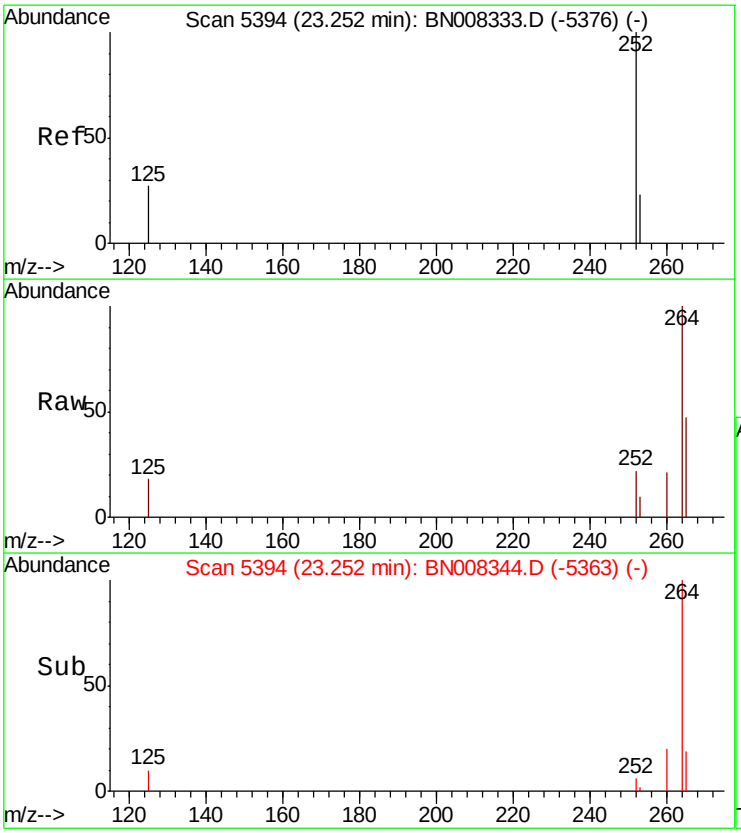
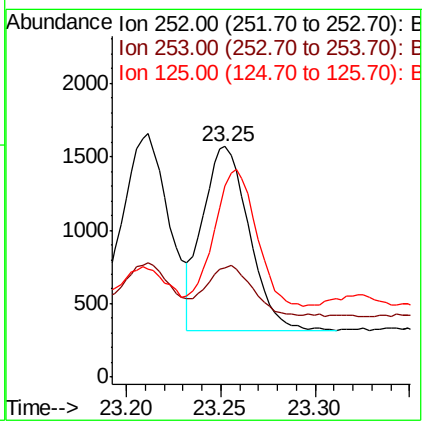


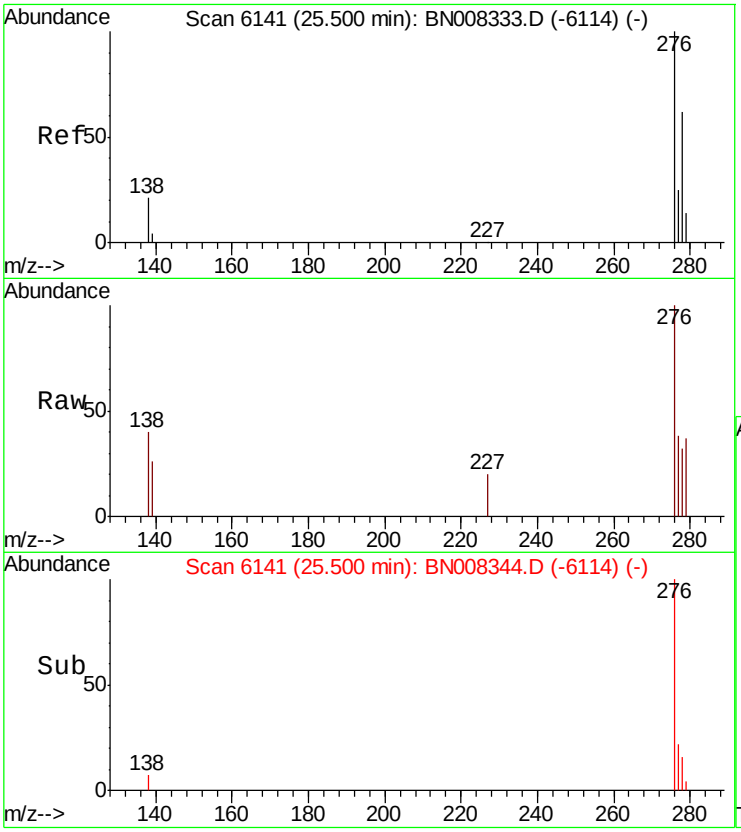


#23
Benzo(a)pyrene
Concen: 0.065 ng/ul
RT: 23.25 min Scan# 5394
Delta R.T. -0.01 min
Lab File: BN008344.D
Acq: 23 Oct 2019 09:18

Tgt Ion:252 Resp: 2140

Ion	Ratio	Lower	Upper
252	100		
253	47.5	22.8	34.2#
125	82.9	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.01 min
Lab File: BN008344.D
Acq: 23 Oct 2019 09:18

Tgt Ion:276 Resp: 1430

Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.1	24.1
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEPH7

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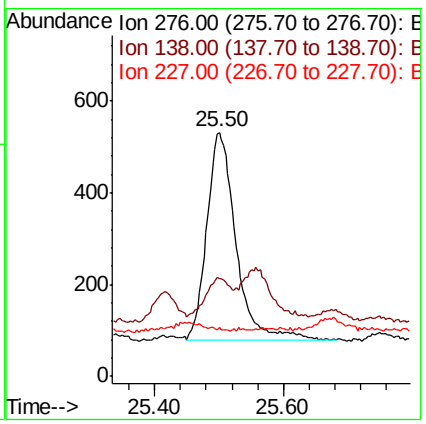

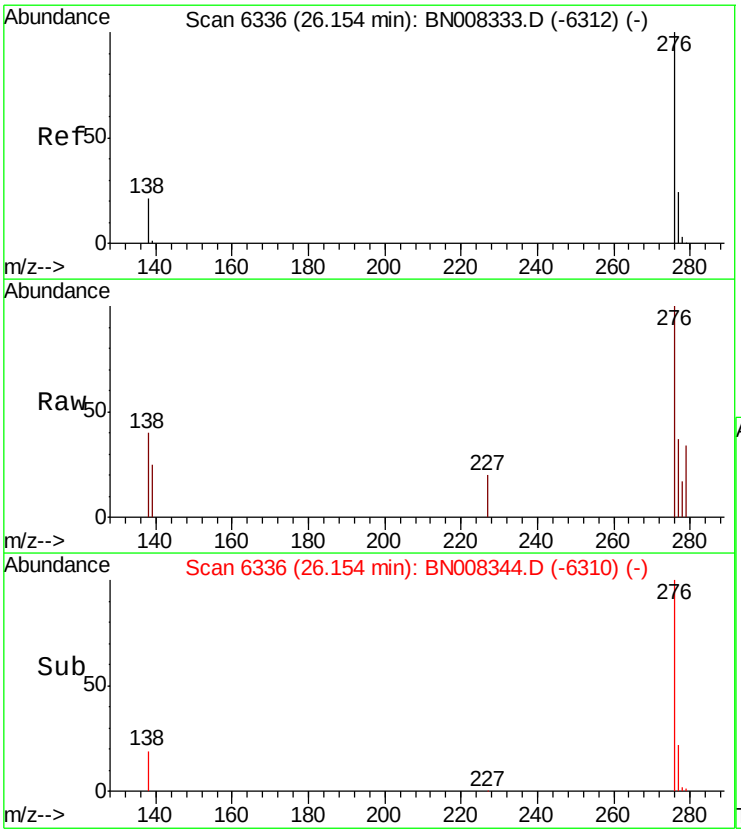

#26
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 26.15 min Scan# 6336
Delta R.T. -0.01 min
Lab File: BN008344.D
Acq: 23 Oct 2019 09:18

Tgt Ion:276 Resp: 1408

Ion	Ratio	Lower	Upper
276	100		
138	40.0	17.0	25.4#
277	37.1	20.4	30.6#