Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008282.D
Acq On : 21 Oct 2019 14:36
Operator : JU
Sample : K5199-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP81

Manual Integrations APPROVED
mohammad
10/22/2019 3:27:15 PM

Quant Time: Oct 21 16:05:19 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 15:18:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1895	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9052	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5613	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12463m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12008	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	14100	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4024	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	11637	0.27	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.94	152	544	0.020	ng/ul#	66
12) Phenanthrene	17.01	178	5205	0.143	ng/ul	98
13) Anthracene	17.10	178	1037	0.032	ng/ul#	82
15) Fluoranthene	19.04	202	11834	0.246	ng/ul	95
17) Pyrene	19.40	202	11040	0.231	ng/ul#	91
18) Benzo(a)anthracene	21.16	228	4689	0.107	ng/ul	95
19) Chrysene	21.22	228	5973	0.111	ng/ul	96
21) Benzo(b)fluoranthene	22.71	252	7391m	0.161	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	2843m	0.055	ng/ul	
23) Benzo(a)pyrene	23.26	252	4651	0.096	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.51	276	2788	0.049	ng/ul#	83
26) Benzo(g,h,i)perylene	26.16	276	2513	0.048	ng/ul#	80

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

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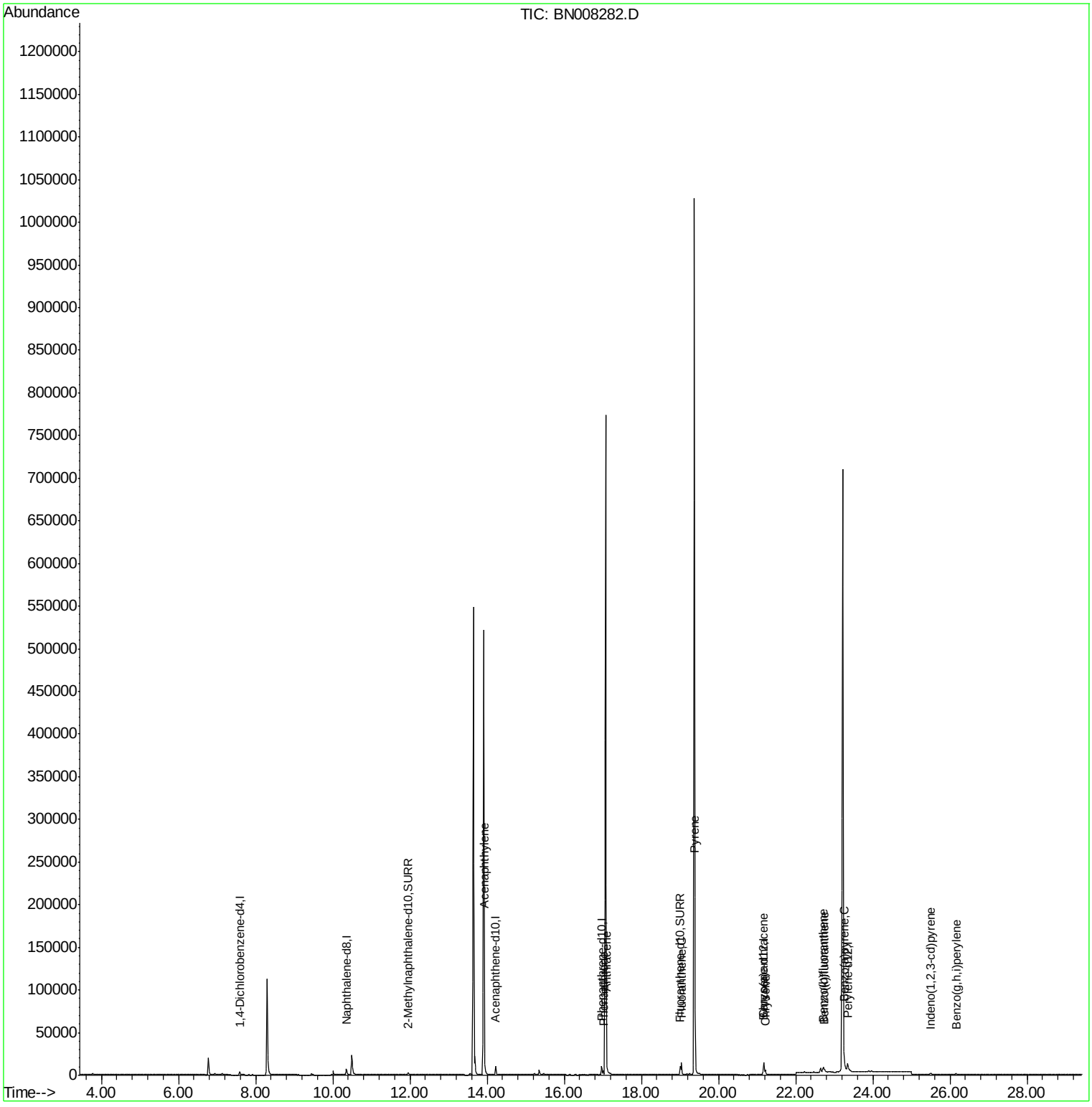

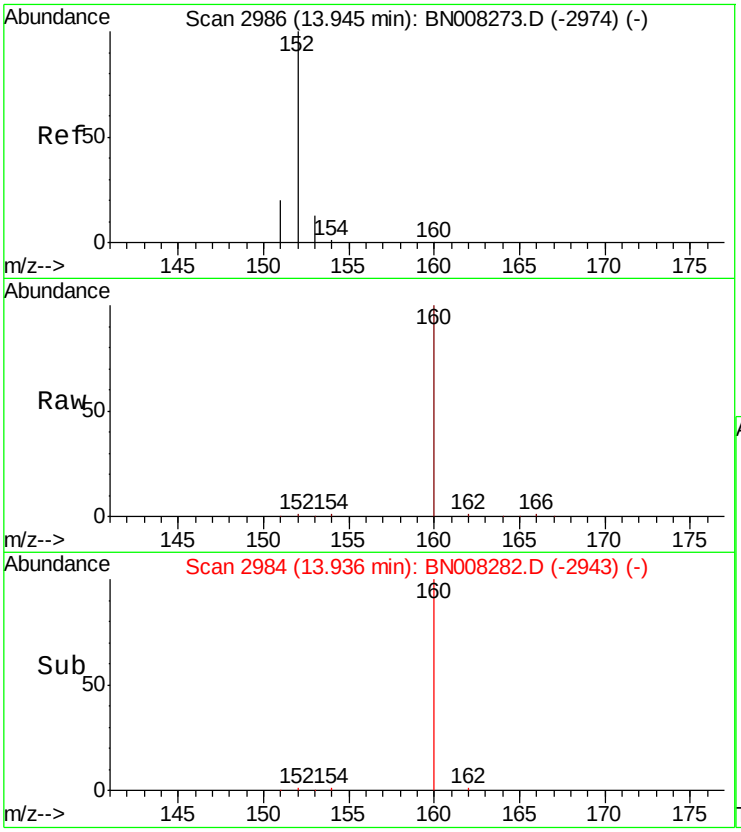

#7
Acenaphthylene
Concen: 0.020 ng/ul
RT: 13.94 min Scan# 2984
Delta R.T. -0.01 min
Lab File: BN008282.D
Acq: 21 Oct 2019 14:36

Tgt Ion:152 Resp: 544

Ion	Ratio	Lower	Upper
152	100		
151	32.1	16.2	24.4#
153	32.7	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
BEP81

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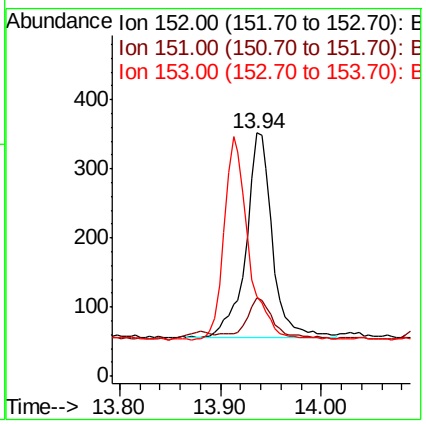
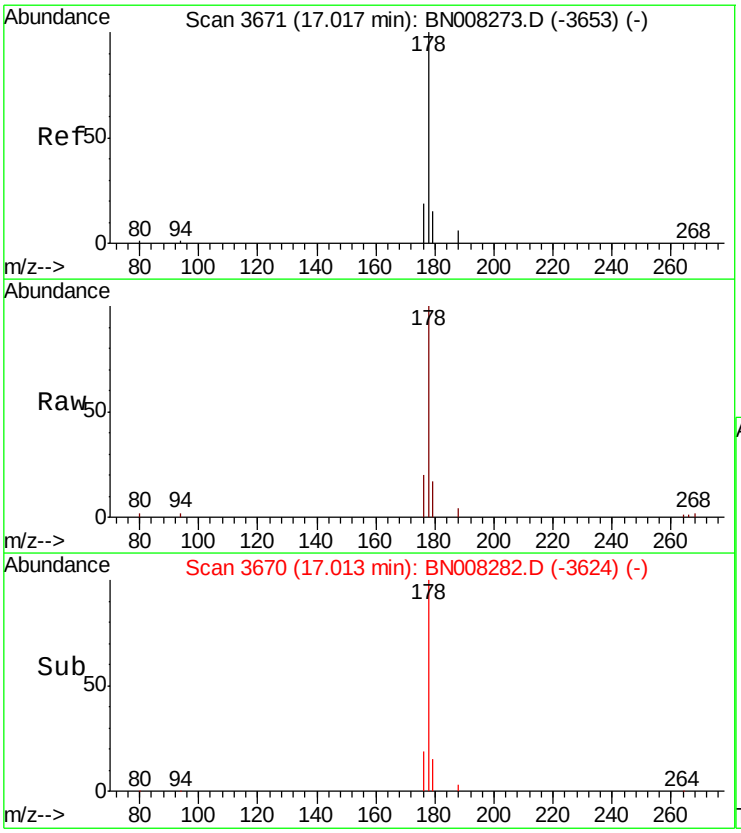
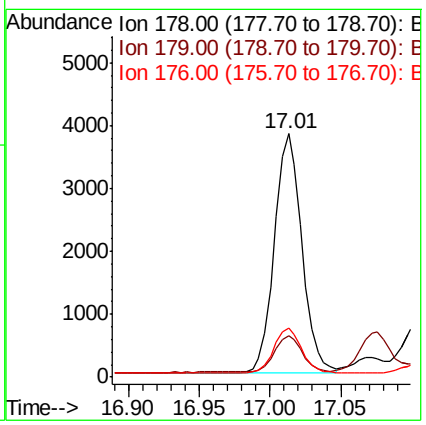


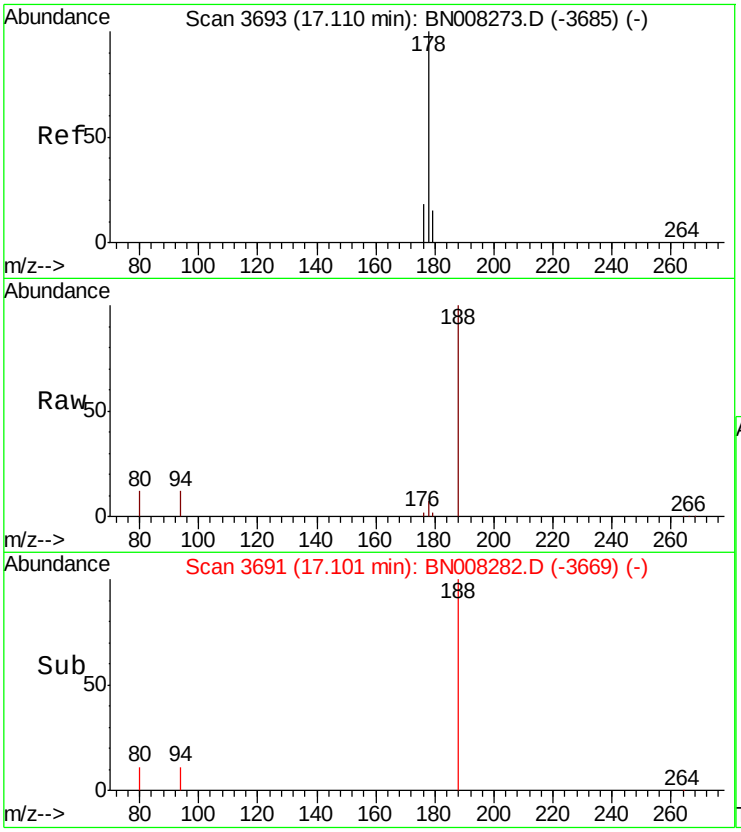


#12
Phenanthrene
Concen: 0.143 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008282.D
Acq: 21 Oct 2019 14:36

Tgt Ion:178 Resp: 5205

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	20.0	15.4	23.2





#13
Anthracene
Concen: 0.032 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BN008282.D
Acq: 21 Oct 2019 14:36

Tgt Ion:178 Resp: 1037

Ion	Ratio	Lower	Upper
178	100		
179	26.1	13.0	19.6#
176	24.7	15.0	22.6#

Instrument :
BNA_N
ClientSampleId :
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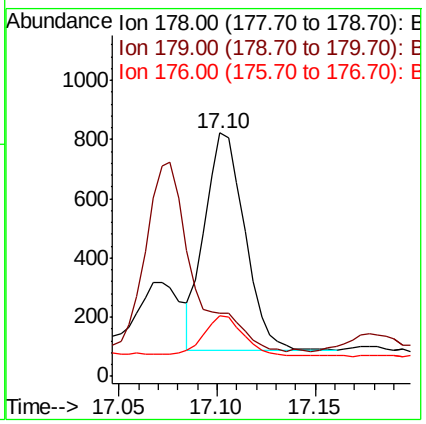
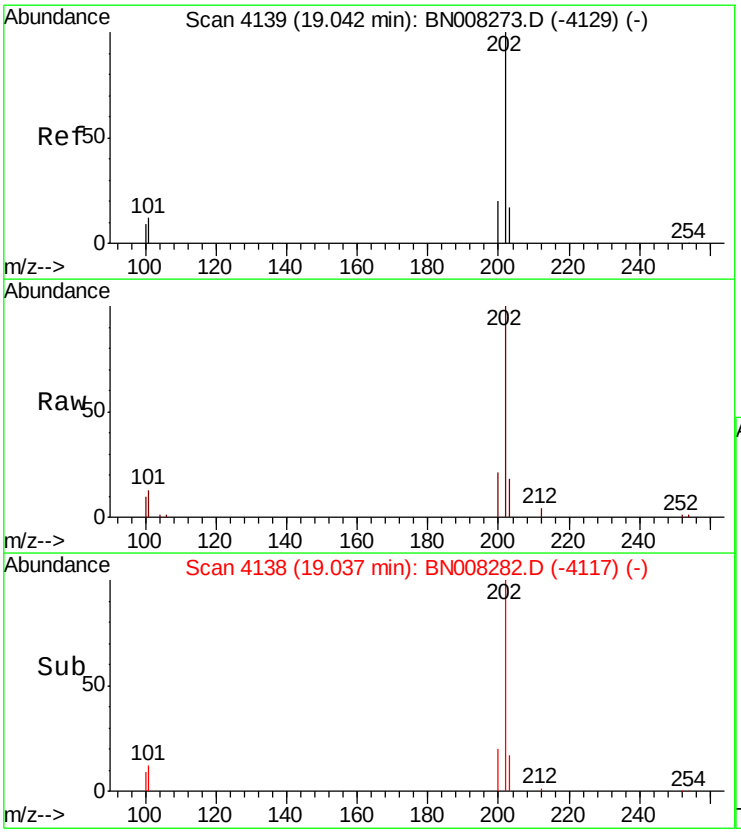
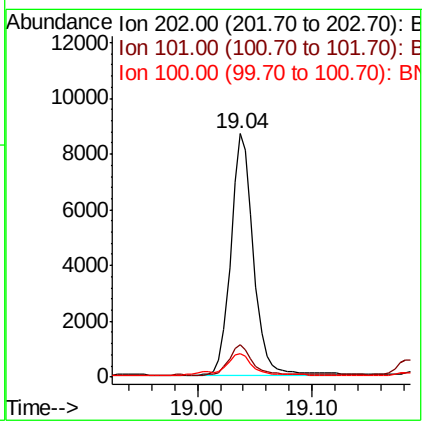


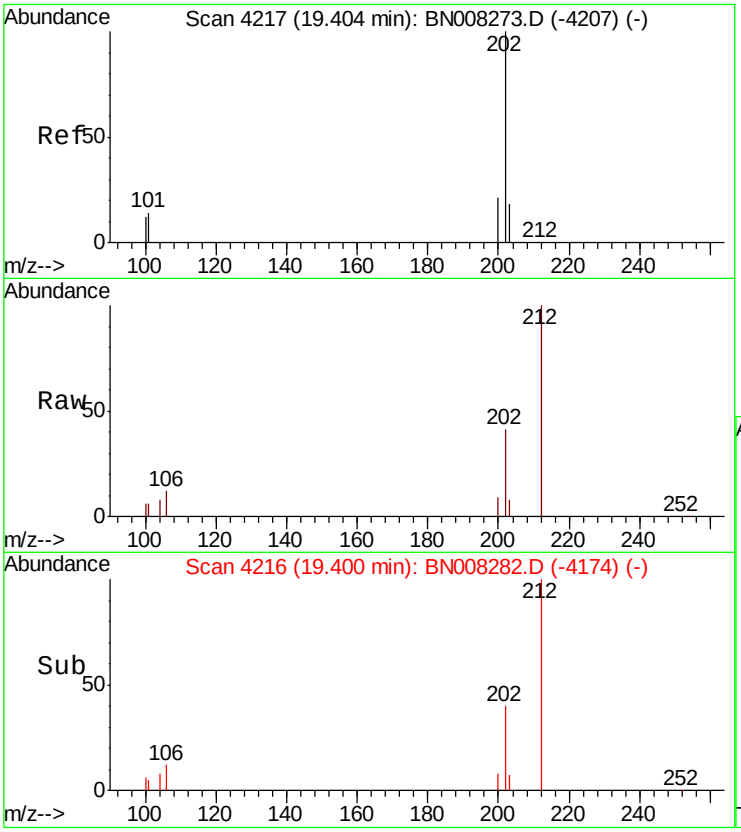


#15
Fluoranthene
Concen: 0.246 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008282.D
Acq: 21 Oct 2019 14:36

Tgt Ion:202 Resp: 11834

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.2
100	9.9	0.0	28.5





#17
Pyrene
Concen: 0.231 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008282.D
Acq: 21 Oct 2019 14:36

Tgt Ion:202 Resp: 11040

Ion	Ratio	Lower	Upper
202	100		
101	16.0	10.9	16.3
100	15.5	8.7	13.1#

Instrument :
BNA_N
ClientSampleId :
BEP81

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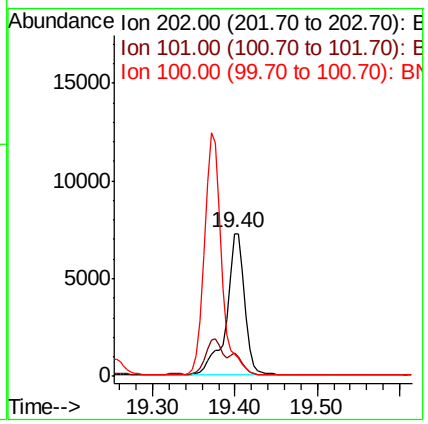
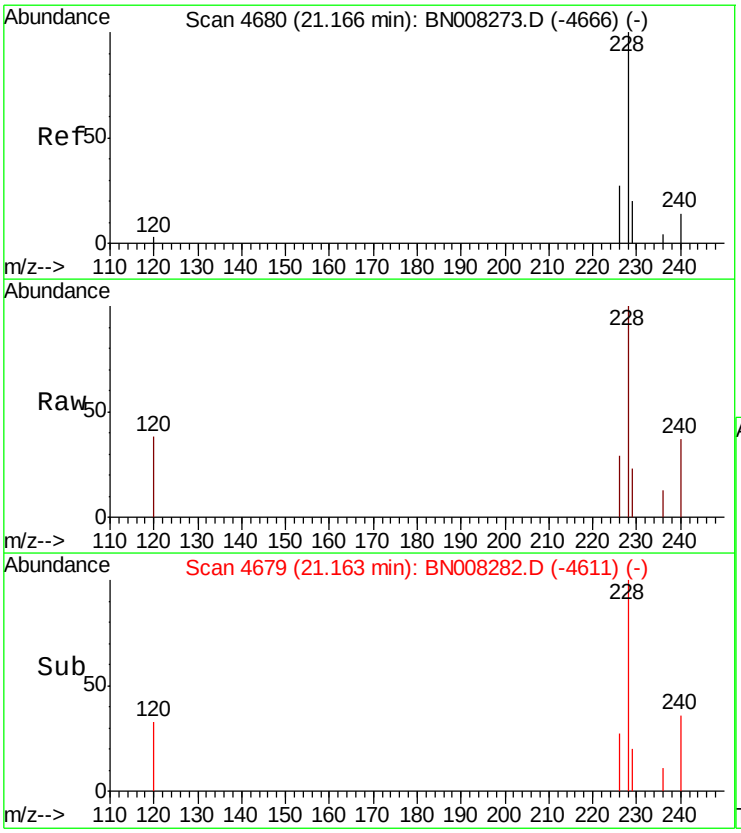
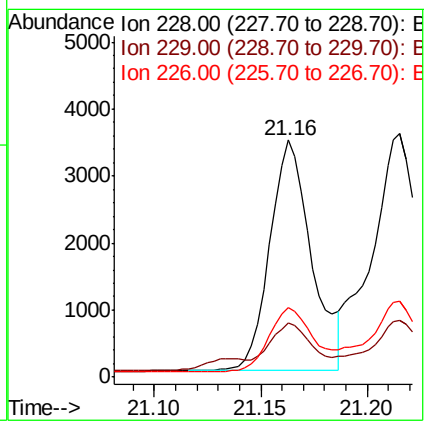


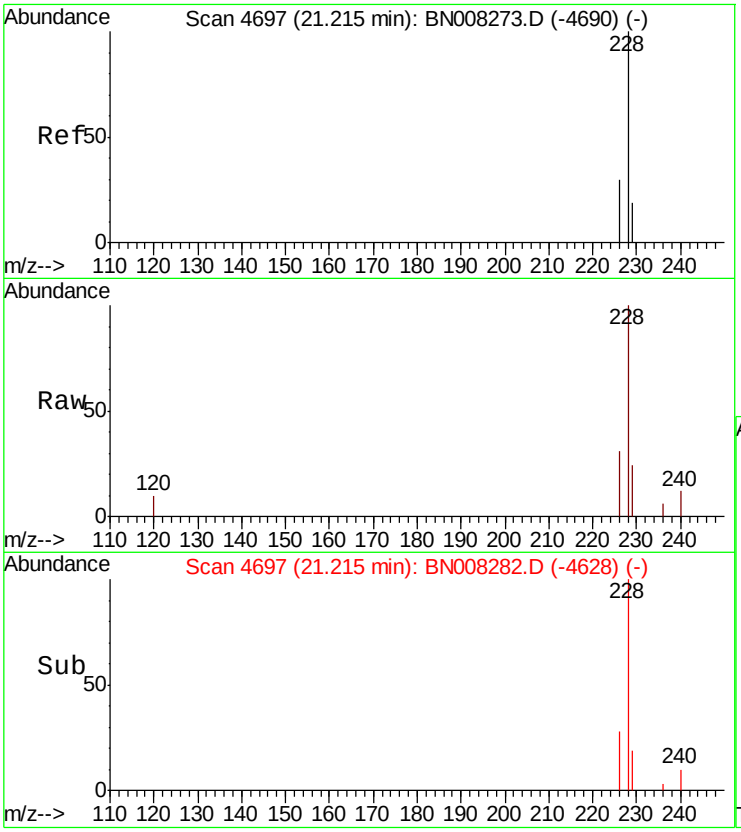


#18
Benzo(a)anthracene
Concen: 0.107 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008282.D
Acq: 21 Oct 2019 14:36

Tgt Ion:228 Resp: 4689

Ion	Ratio	Lower	Upper
228	100		
229	22.8	16.2	24.2
226	29.2	21.4	32.0





#19
Chrysene
Concen: 0.111 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BN008282.D
Acq: 21 Oct 2019 14:36

Tgt Ion:228 Resp: 5973

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	23.6	16.2	24.2

Instrument :
BNA_N
ClientSampleId :
BEP81

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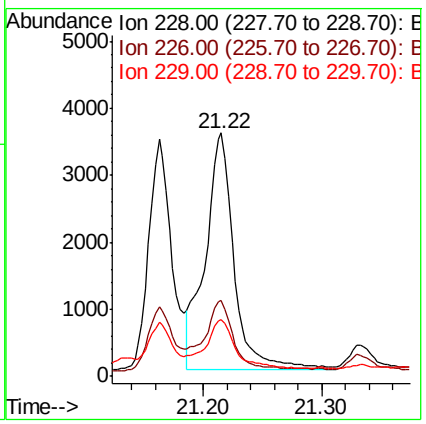
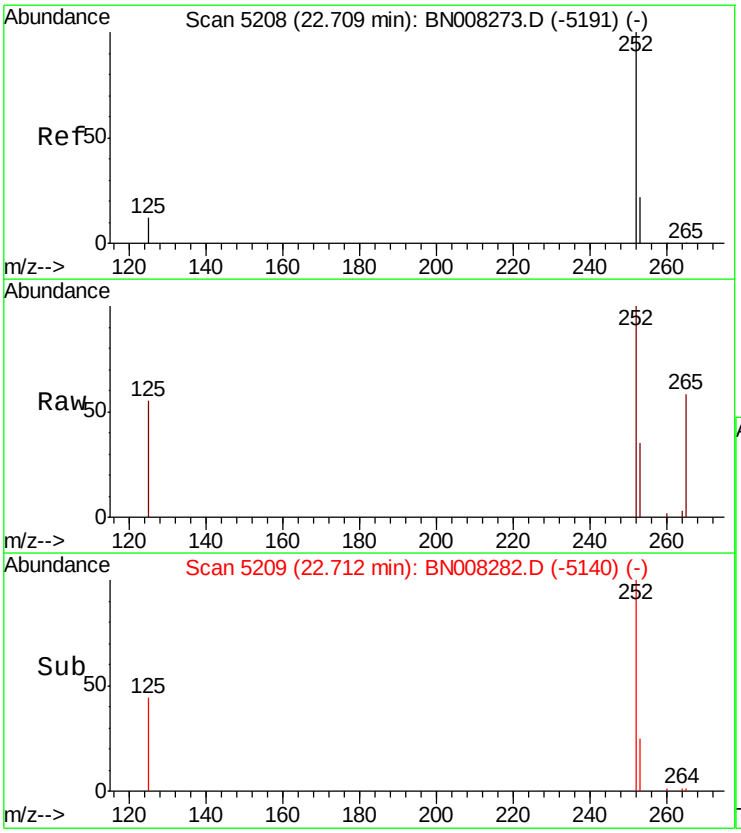
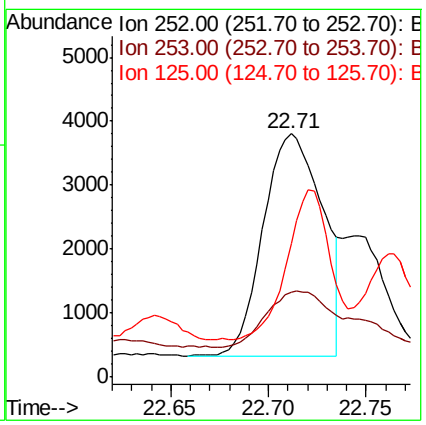


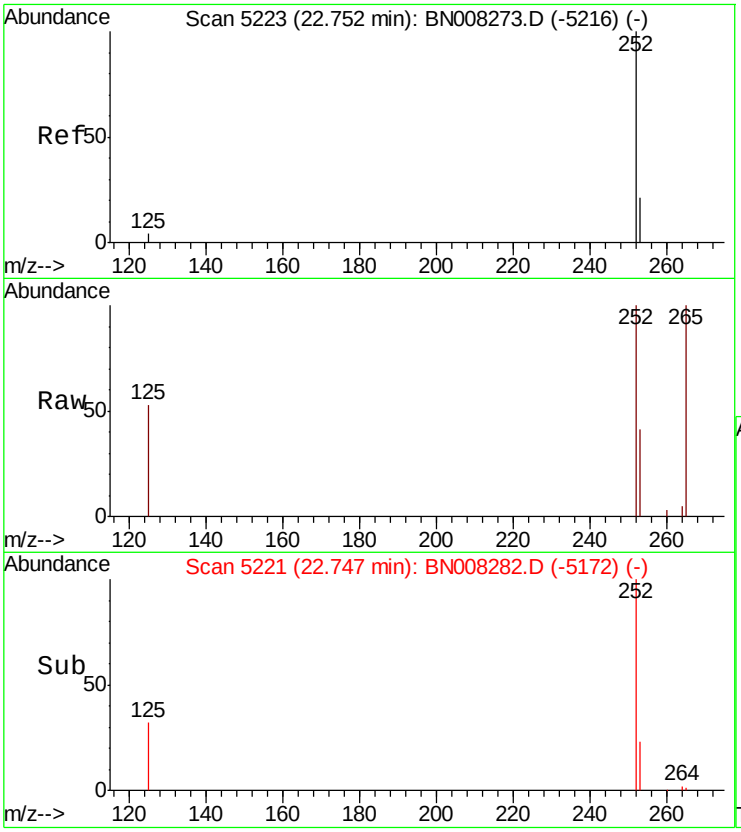


#21
Benzo(b)fluoranthene
Concen: 0.161 ng/ul m
RT: 22.71 min Scan# 5209
Delta R.T. 0.00 min
Lab File: BN008282.D
Acq: 21 Oct 2019 14:36

Tgt Ion:252 Resp: 7391

Ion	Ratio	Lower	Upper
252	100		
253	35.1	0.0	53.4
125	55.1	0.0	32.4#

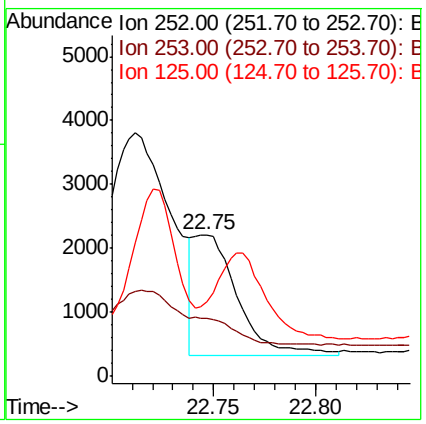




#22
Benzo(k)fluoranthene
Concen: 0.055 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008282.D
Acq: 21 Oct 2019 14:36

Tgt Ion:252 Resp: 2843

Ion	Ratio	Lower	Upper
252	100		
253	40.8	21.3	31.9#
125	53.0	12.3	18.5#



Instrument :
BNA_N
ClientSampleId :
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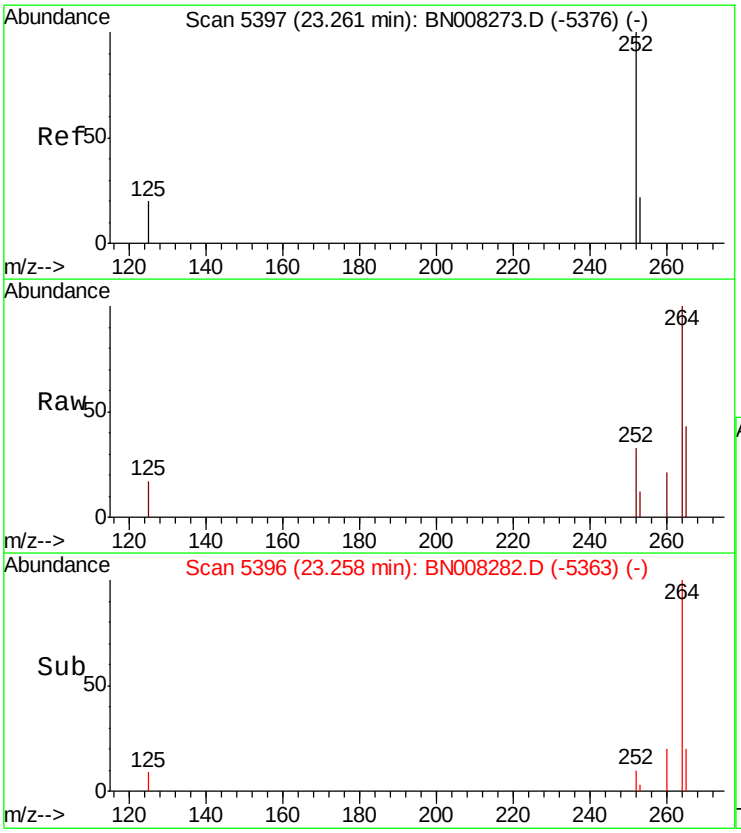
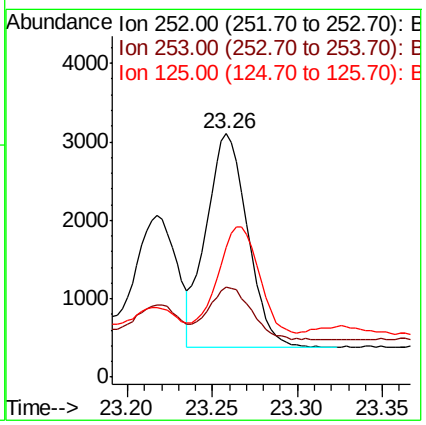
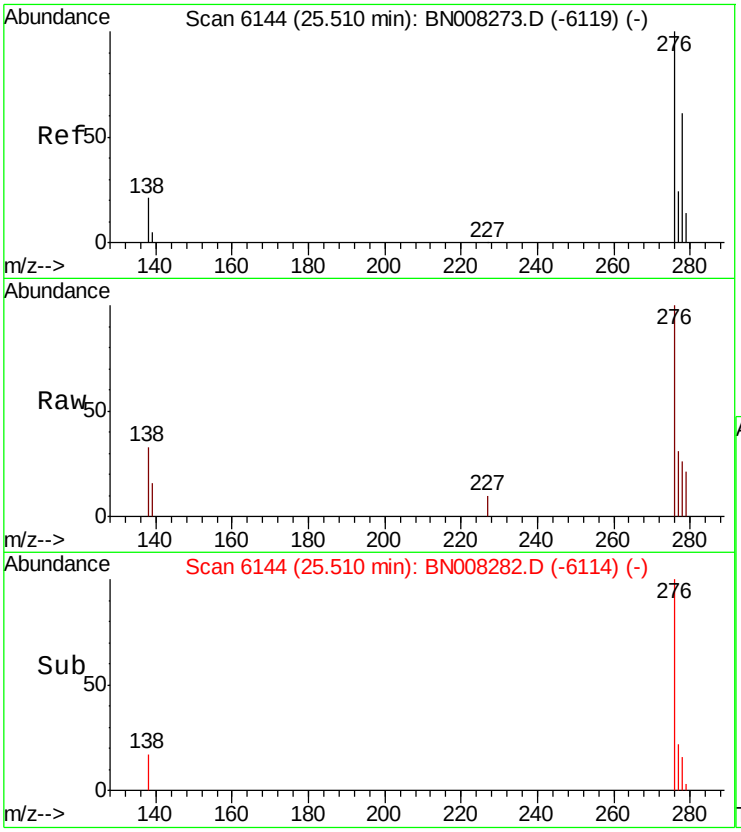


#23
Benzo(a)pyrene
Concen: 0.096 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008282.D
Acq: 21 Oct 2019 14:36

Tgt Ion:252 Resp: 4651

Ion	Ratio	Lower	Upper
252	100		
253	36.7	22.8	34.2#
125	53.1	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. 0.00 min
Lab File: BN008282.D
Acq: 21 Oct 2019 14:36

Tgt Ion:276 Resp: 2788

Ion	Ratio	Lower	Upper
276	100		
138	27.8	16.1	24.1#
227	0.4	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEP81

Manual Integrations APPROVED
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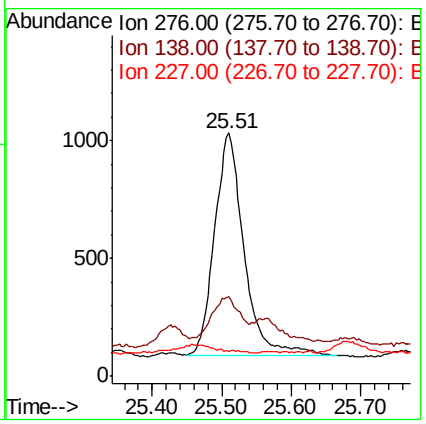

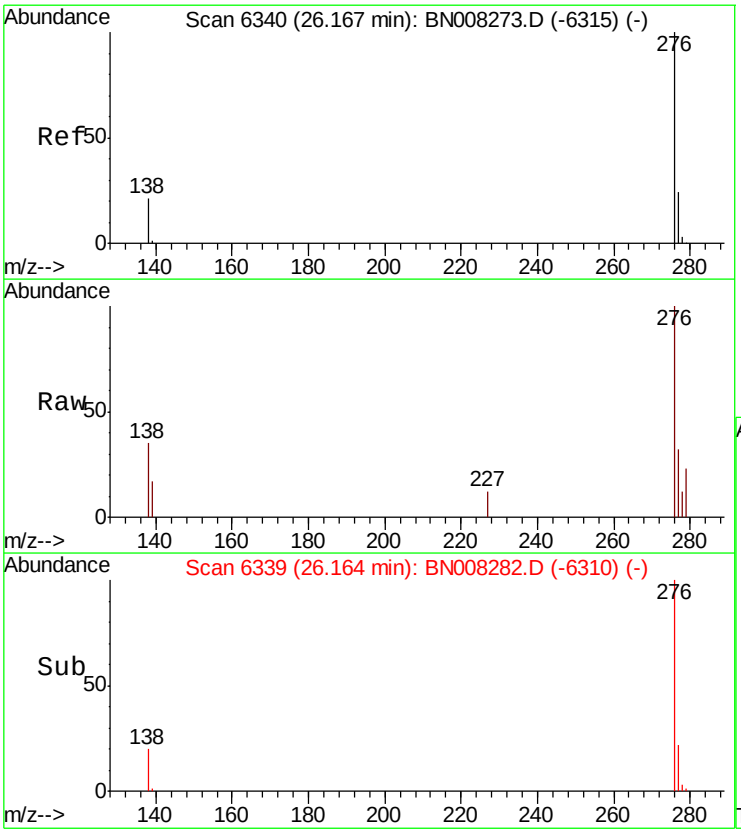

#26
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008282.D
Acq: 21 Oct 2019 14:36

Tgt Ion:276 Resp: 2513

Ion	Ratio	Lower	Upper
276	100		
138	34.7	17.0	25.4#
277	31.8	20.4	30.6#