Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008336.D
Acq On : 23 Oct 2019 04:32
Operator : JU
Sample : K5223-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEPH4

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:01 AM

Quant Time: Oct 23 05:39:05 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	1676	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8129	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5065	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11117m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	9871	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	8895	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3135	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	8727	0.23	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.01	178	964	0.030	ng/ul#	85
15) Fluoranthene	19.03	202	2150	0.050	ng/ul	88
17) Pyrene	19.39	202	1894	0.048	ng/ul#	75
18) Benzo(a)anthracene	21.16	228	1022	0.028	ng/ul#	82
19) Chrysene	21.21	228	1089	0.025	ng/ul#	84
21) Benzo(b)fluoranthene	22.70	252	1484m	0.051	ng/ul	
23) Benzo(a)pyrene	23.25	252	927	0.030	ng/ul#	1
26) Benzo(g,h,i)perylene	26.15	276	689	0.021	ng/ul#	47

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

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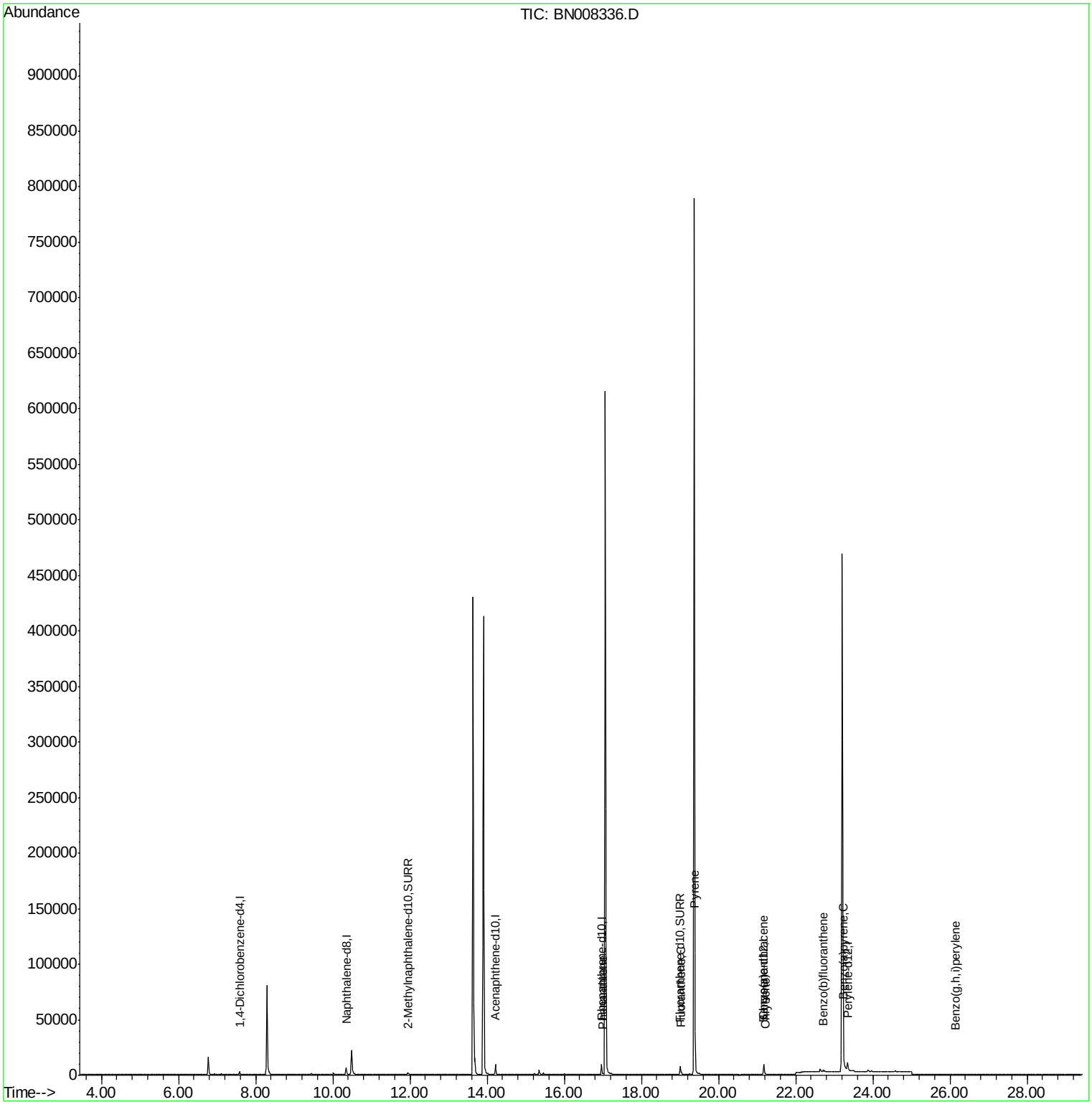

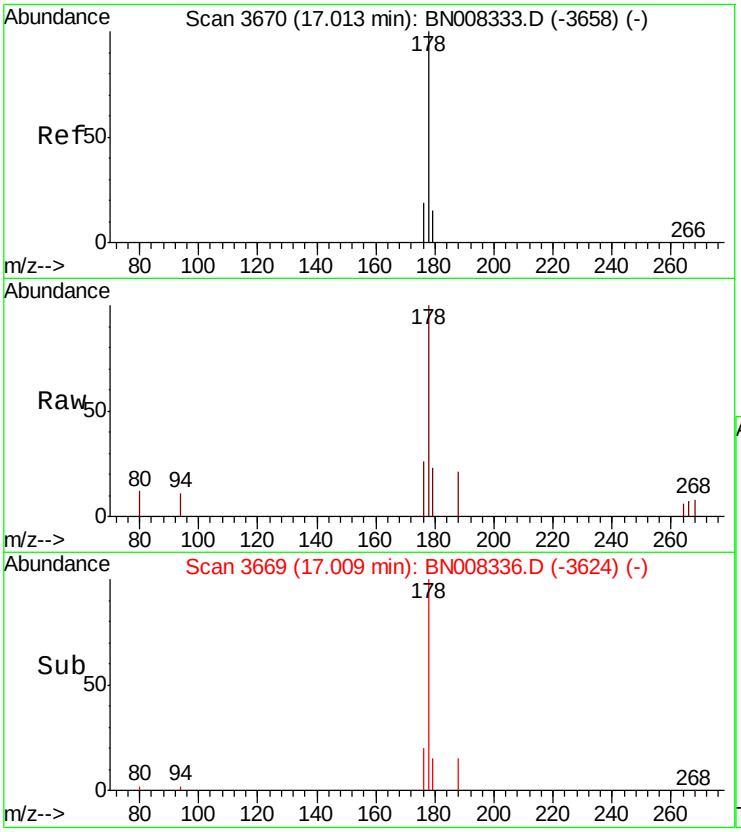

#12
Phenanthrene
Concen: 0.030 ng/ul
RT: 17.01 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BN008336.D
Acq: 23 Oct 2019 04:32

Tgt Ion:178 Resp: 964

Ion	Ratio	Lower	Upper
178	100		
179	22.7	12.8	19.2#
176	26.2	15.4	23.2#

Instrument :
BNA_N
ClientSampleId :
BEPH4

Manual Integrations APPROVED
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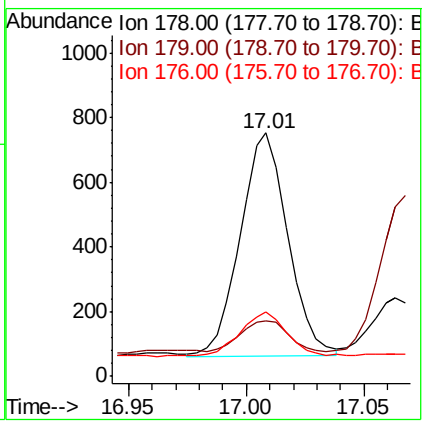
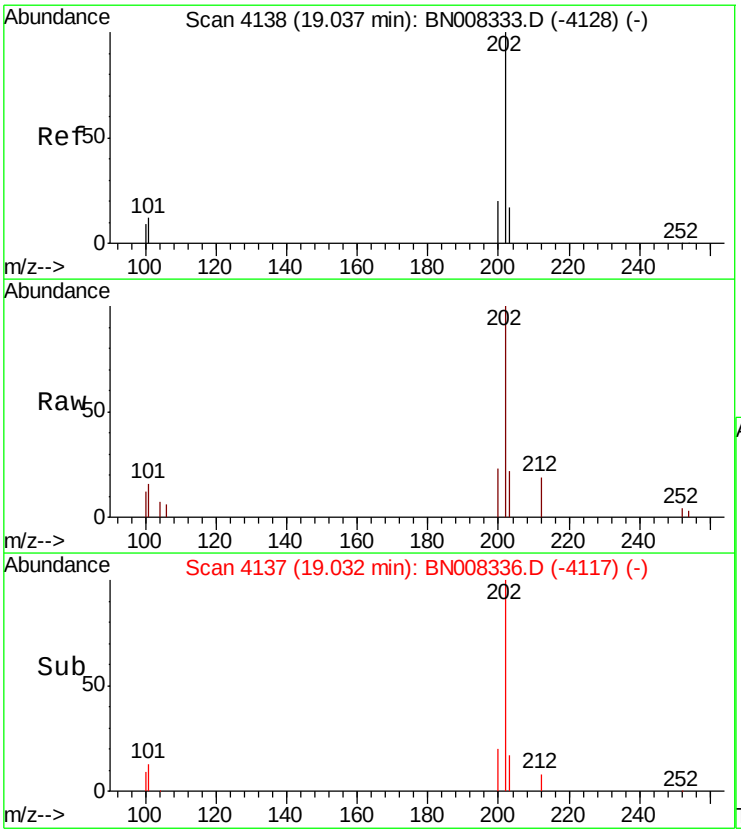
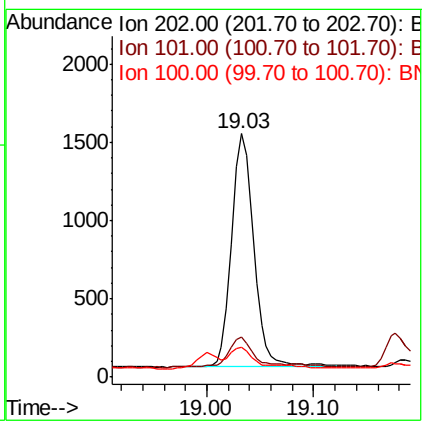


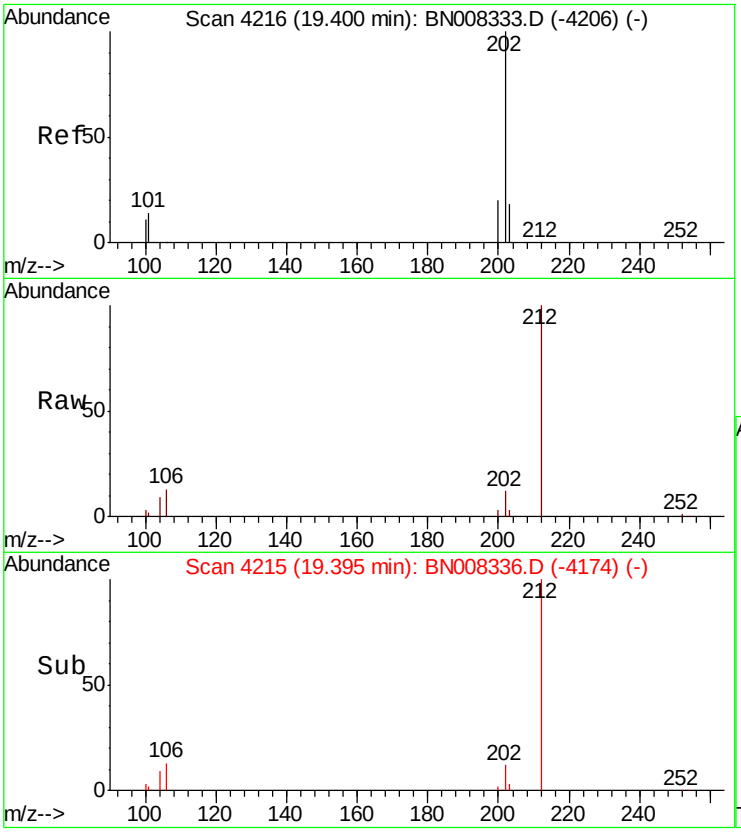


#15
Fluoranthene
Concen: 0.050 ng/ul
RT: 19.03 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN008336.D
Acq: 23 Oct 2019 04:32

Tgt Ion:202 Resp: 2150

Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	31.2
100	12.4	0.0	28.5





#17
Pyrene
Concen: 0.048 ng/ul
RT: 19.39 min Scan# 4215
Delta R.T. -0.01 min
Lab File: BN008336.D
Acq: 23 Oct 2019 04:32

Tgt Ion:202 Resp: 1894

Ion	Ratio	Lower	Upper
202	100		
101	20.3	10.9	16.3#
100	24.7	8.7	13.1#

Instrument :
BNA_N
ClientSampleId :
BEPH4

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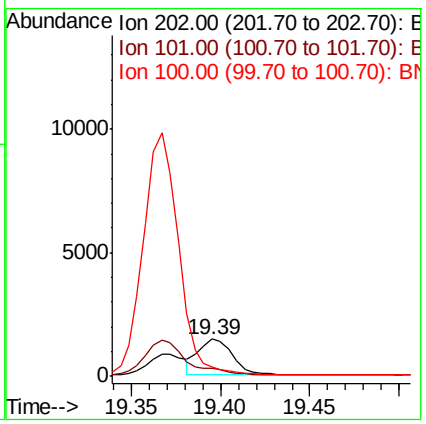
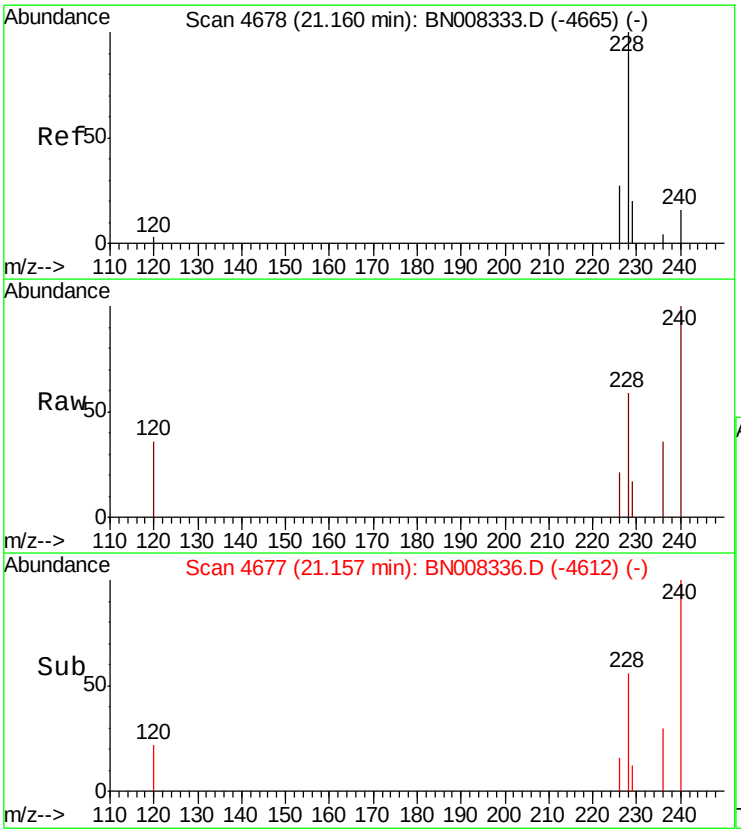
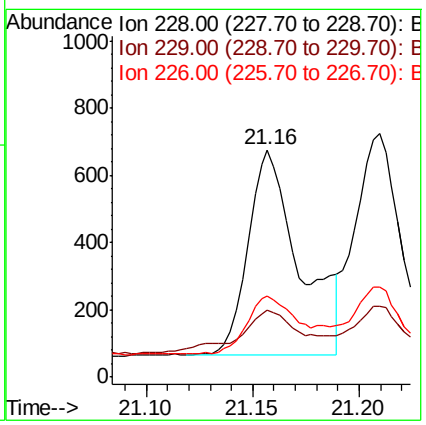


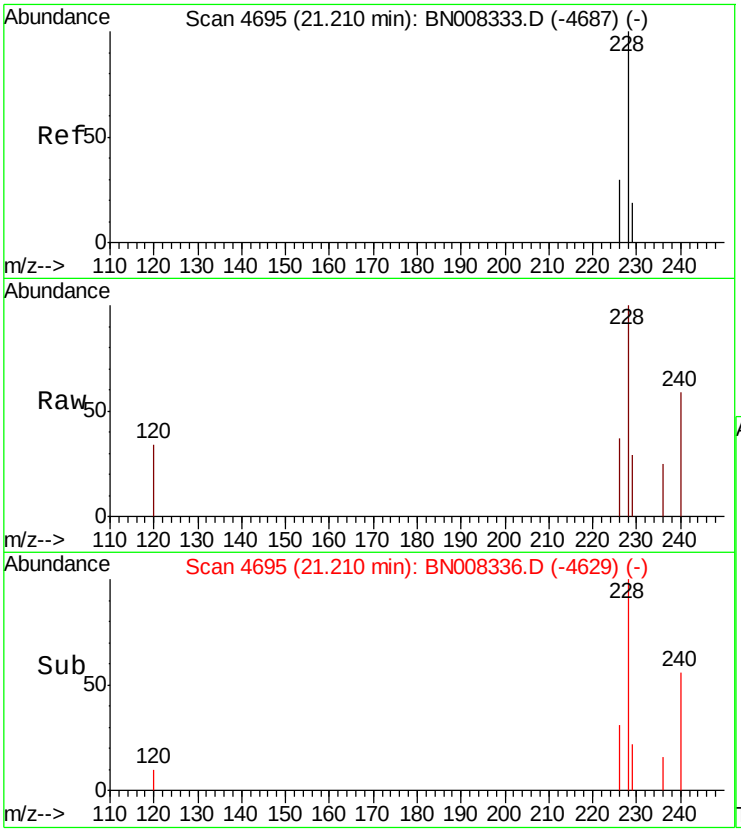


#18
Benzo(a)anthracene
Concen: 0.028 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. -0.01 min
Lab File: BN008336.D
Acq: 23 Oct 2019 04:32

Tgt Ion:228 Resp: 1022

Ion	Ratio	Lower	Upper
228	100		
229	29.3	16.2	24.2#
226	35.5	21.4	32.0#

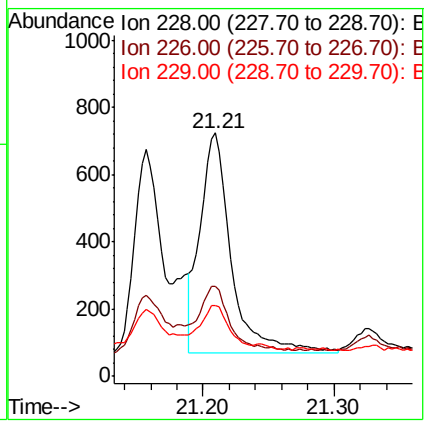




#19
Chrysene
Concen: 0.025 ng/ul
RT: 21.21 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BN008336.D
Acq: 23 Oct 2019 04:32

Tgt Ion:228 Resp: 1089

Ion	Ratio	Lower	Upper
228	100		
226	37.2	24.1	36.1#
229	29.3	16.2	24.2#



Instrument :
BNA_N
ClientSampleId :
BEPH4

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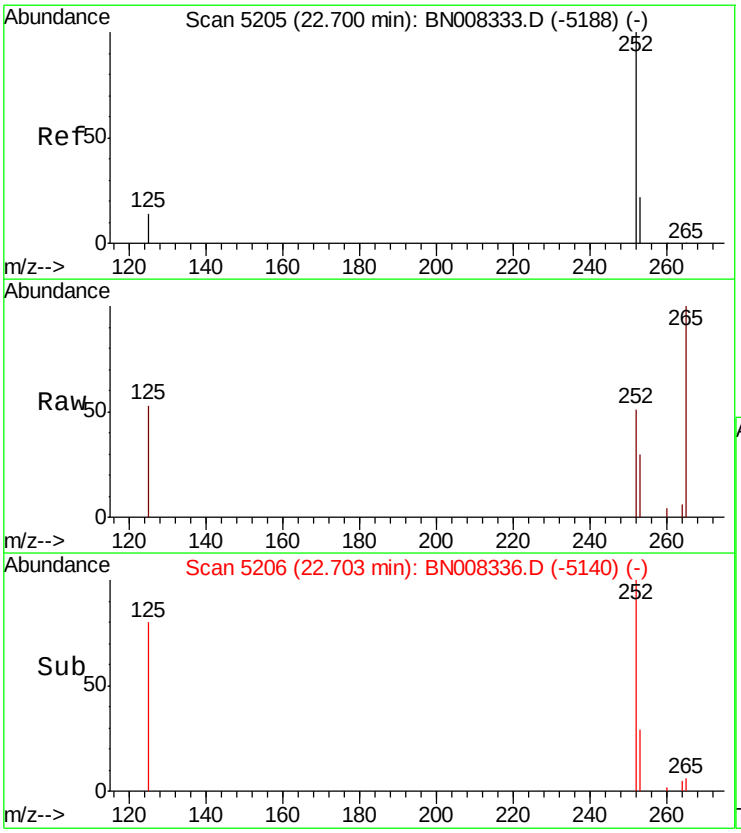
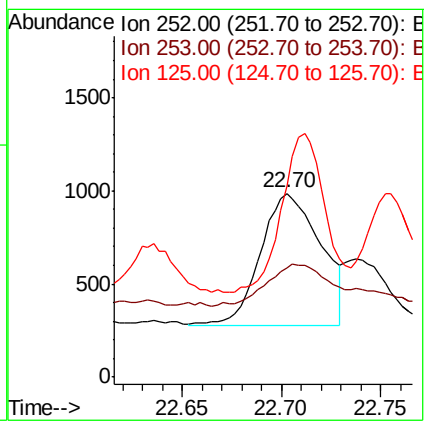
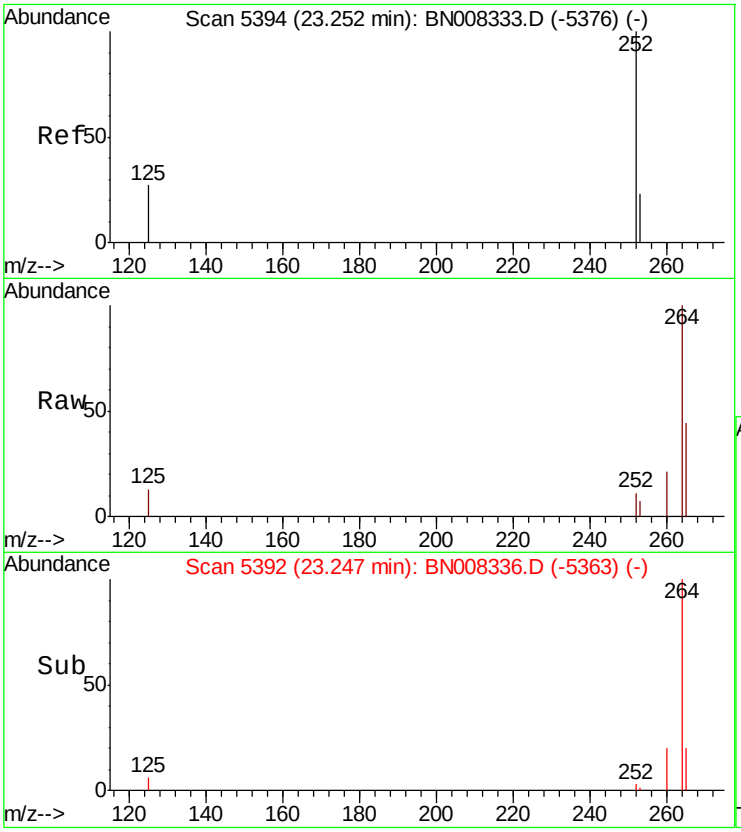


#21
Benzo(b)fluoranthene
Concen: 0.051 ng/ul m
RT: 22.70 min Scan# 5206
Delta R.T. -0.01 min
Lab File: BN008336.D
Acq: 23 Oct 2019 04:32

Tgt Ion:252 Resp: 1484

Ion	Ratio	Lower	Upper
252	100		
253	59.3	0.0	53.4#
125	103.8	0.0	32.4#





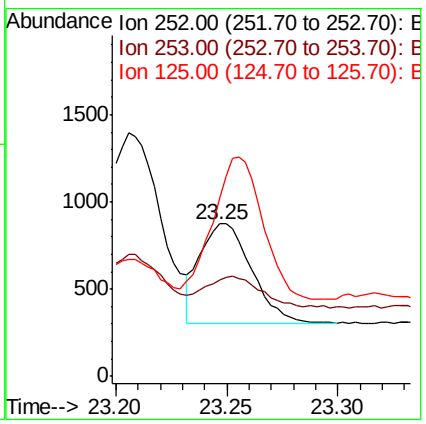
#23
Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 23.25 min Scan# 5392
Delta R.T. -0.01 min
Lab File: BN008336.D
Acq: 23 Oct 2019 04:32

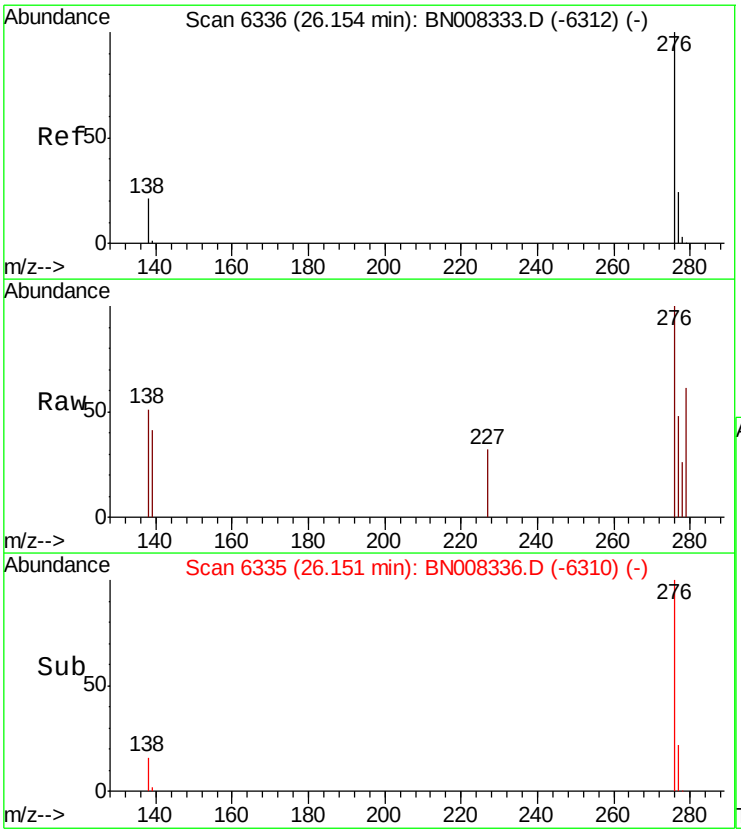
Instrument :
BNA_N
ClientSampleId :
BEPH4

Manual Integrations APPROVED
mohammad
10/24/2019 8:06:01 AM

Tgt Ion:252 Resp: 927

Ion	Ratio	Lower	Upper
252	100		
253	63.5	22.8	34.2#
125	116.7	18.4	27.6#





#26
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 26.15 min Scan# 6335
Delta R.T. -0.02 min
Lab File: BN008336.D
Acq: 23 Oct 2019 04:32

Tgt Ion:276 Resp: 689

Ion	Ratio	Lower	Upper
276	100		
138	50.9	17.0	25.4#
277	48.0	20.4	30.6#