Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094635.D
Acq On : 28 Oct 2017 22:39
Operator : SJ/JU
Sample : I5842-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA8

Manual Integrations APPROVED
Sohil
10/30/2017 6:40:22 PM

Quant Time: Oct 30 04:53:01 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 04:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1780	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10235	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5701	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12063	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12319	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10988m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2351	0.14	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	6866	0.19	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.29	178	3274	0.103	ng/ul#	91
15) Fluoranthene	19.31	202	7829	0.213	ng/ul	83
17) Pyrene	19.67	202	8058	0.212	ng/ul#	89
18) Benzo(a)anthracene	21.41	228	3789	0.108	ng/ul#	77
19) Chrysene	21.46	228	4929	0.135	ng/ul#	82
21) Benzo(b)fluoranthene	23.19	252	6876m	0.222	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	2490m	0.075	ng/ul	
23) Benzo(a)pyrene	23.85	252	4007m	0.130	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.69	276	2604m	0.081	ng/ul	
26) Benzo(g,h,i)perylene	27.53	276	2196m	0.086	ng/ul	

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

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BNA_E
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Manual Integrations APPROVED
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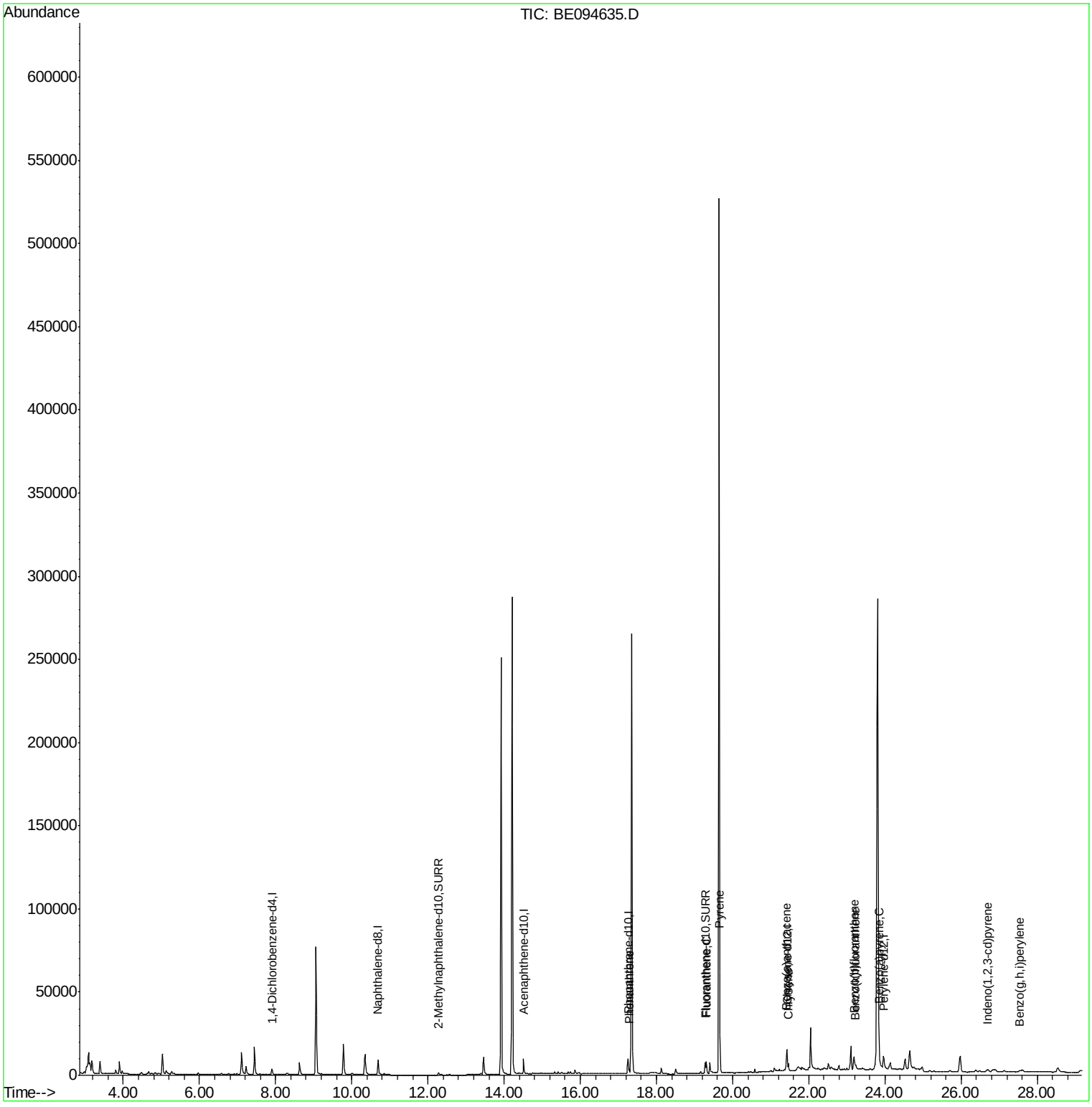
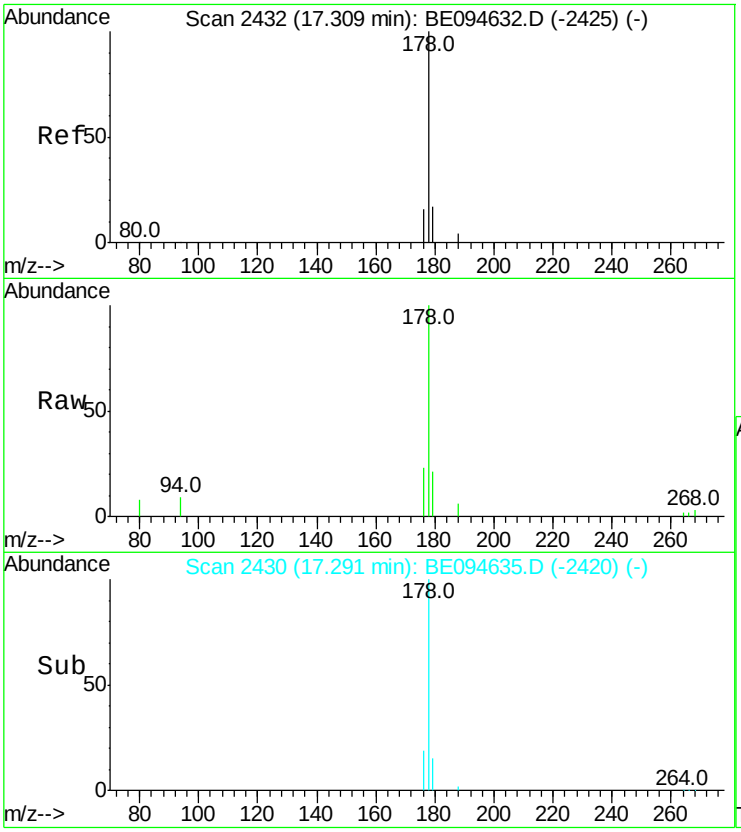
10/30/2017 6:40:22 PM





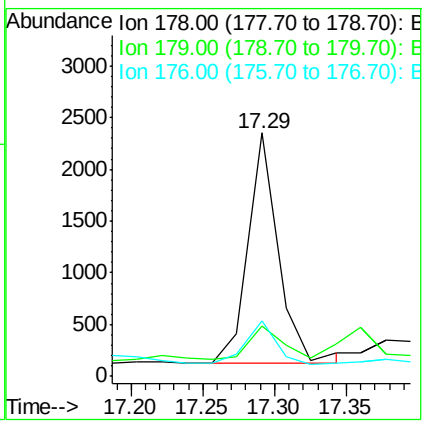
#12
Phenanthrene
Concen: 0.103 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094635.D
Acq: 28 Oct 2017 22:39

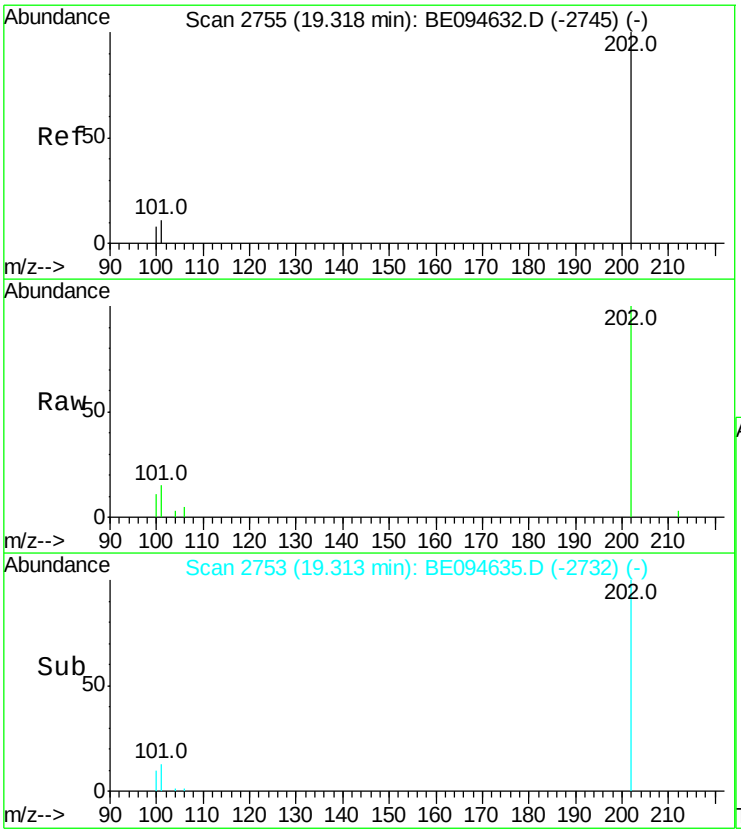
Tgt Ion:178 Resp: 3274

Ion	Ratio	Lower	Upper
178	100		
179	20.5	18.4	27.6
176	22.7	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
C0AA8

Manual Integrations APPROVED
Sohil
10/30/2017 6:40:22 PM

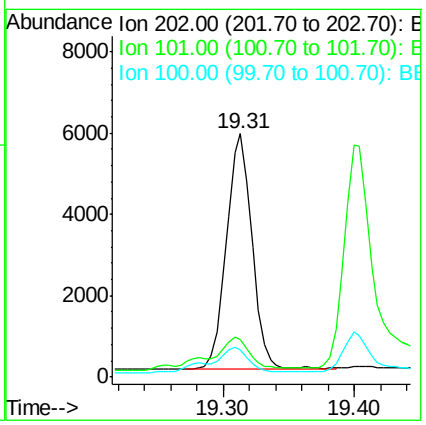


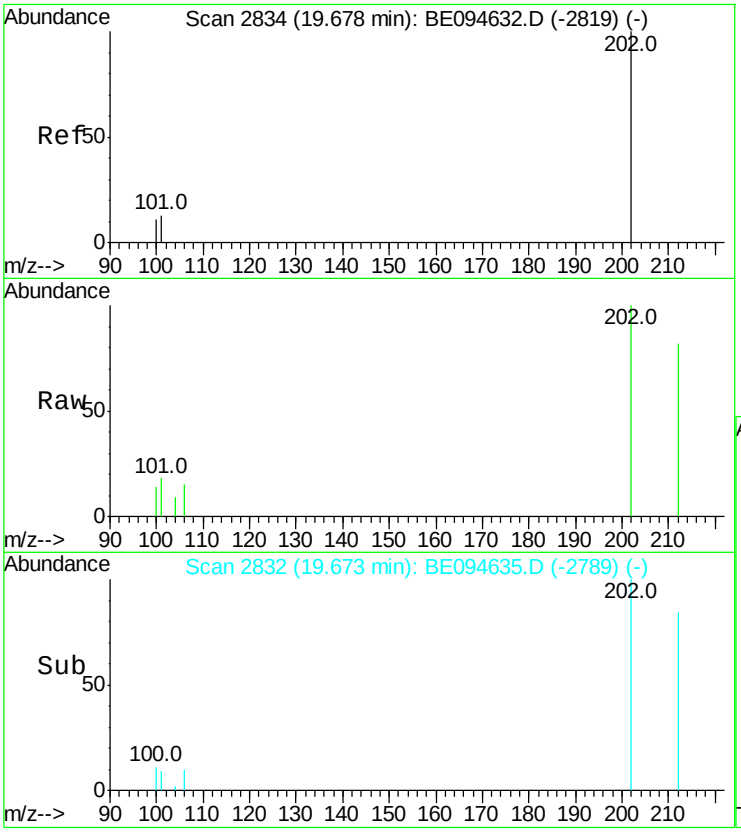


#15
Fluoranthene
Concen: 0.213 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE094635.D
Acq: 28 Oct 2017 22:39

Tgt Ion:202 Resp: 7829

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	30.3
100	11.1	0.0	39.5





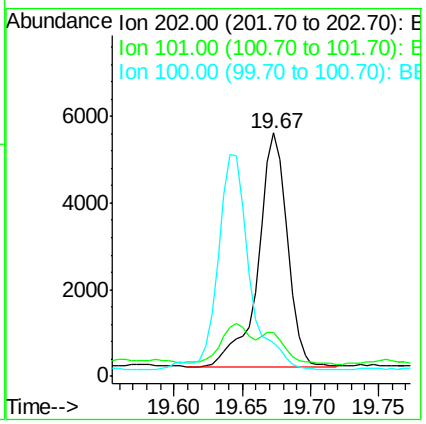
#17
Pyrene
Concen: 0.212 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BE094635.D
Acq: 28 Oct 2017 22:39

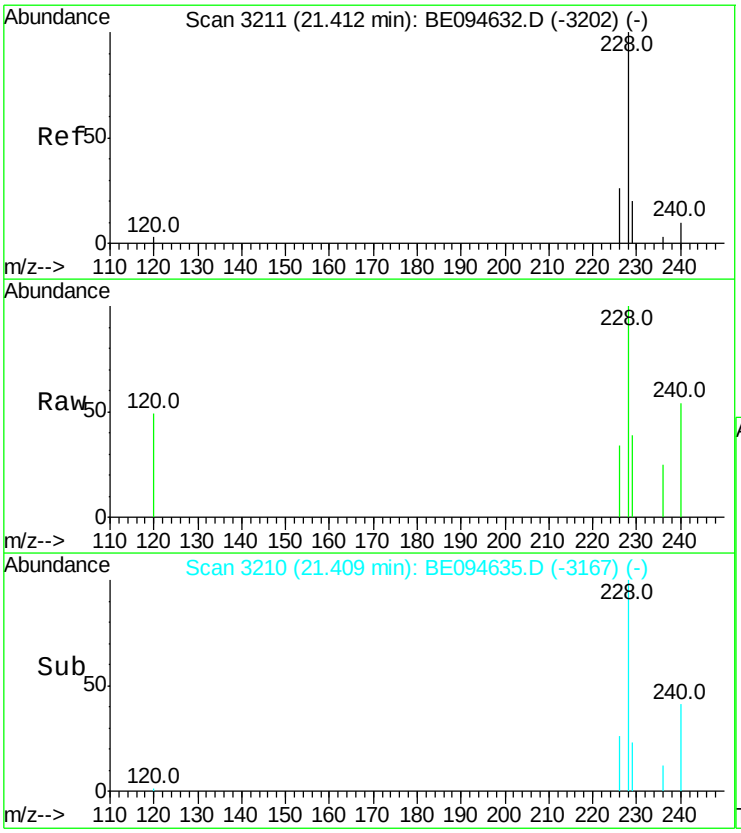
Tgt Ion:202 Resp: 8058

Ion	Ratio	Lower	Upper
202	100		
101	17.9	18.2	27.4#
100	14.0	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AA8

Manual Integrations APPROVED
Sohil
10/30/2017 6:40:22 PM

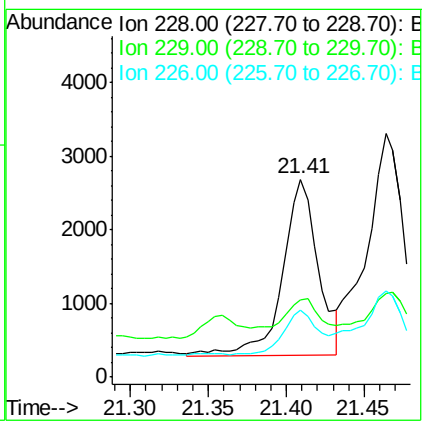


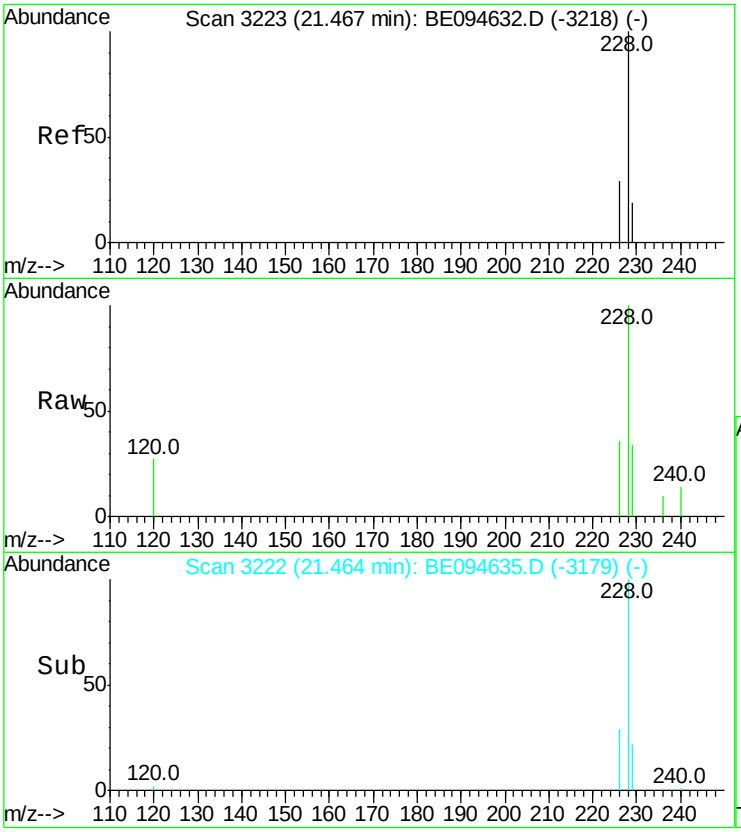


#18
Benzo(a)anthracene
Concen: 0.108 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094635.D
Acq: 28 Oct 2017 22:39

Tgt Ion:228 Resp: 3789

Ion	Ratio	Lower	Upper
228	100		
229	39.1	22.8	34.2#
226	34.0	17.0	25.6#





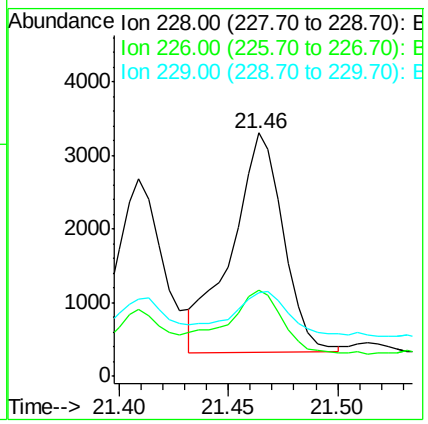
#19
Chrysene
Concen: 0.135 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094635.D
Acq: 28 Oct 2017 22:39

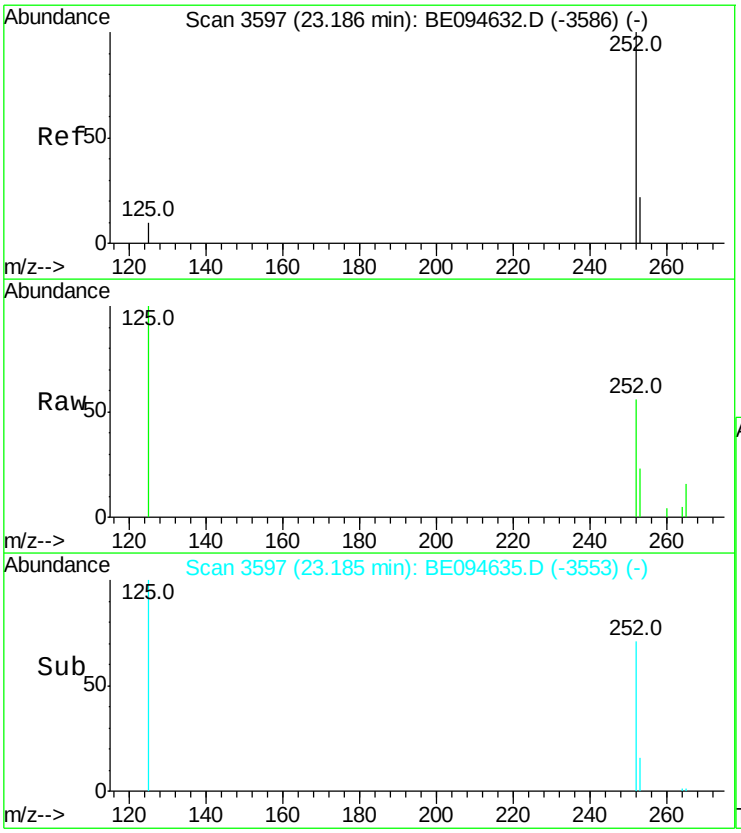
Tgt Ion:228 Resp: 4929

Ion	Ratio	Lower	Upper
228	100		
226	35.6	23.4	35.0#
229	34.2	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
C0AA8

Manual Integrations APPROVED
Sohil
10/30/2017 6:40:22 PM

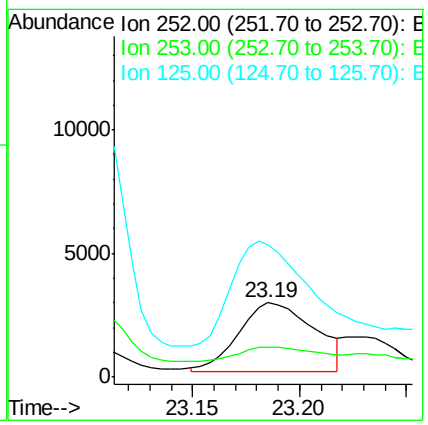


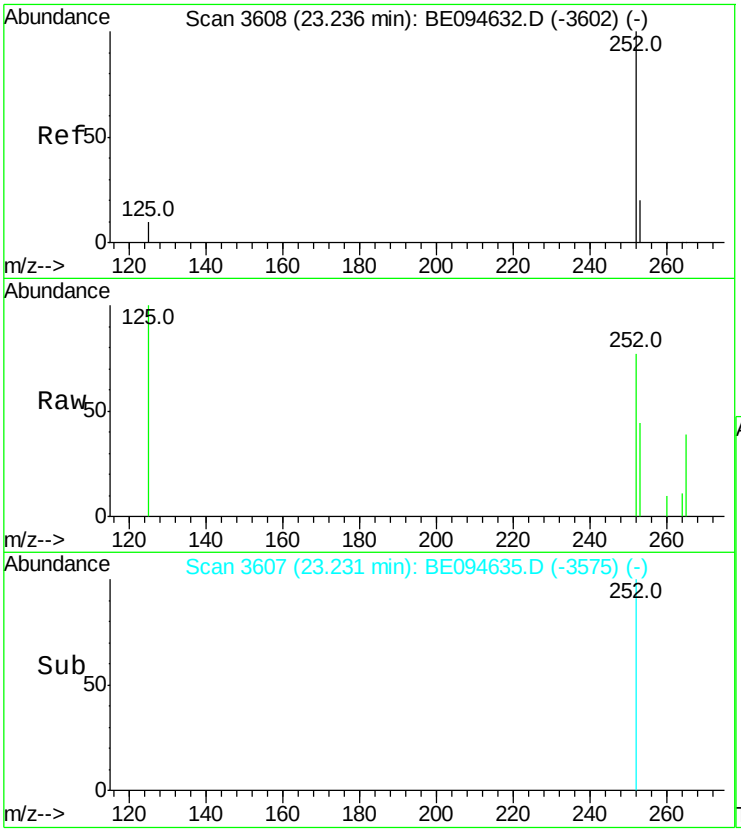


#21
Benzo(b)fluoranthene
Concen: 0.222 ng/ul m
RT: 23.19 min Scan# 3597
Delta R.T. -0.00 min
Lab File: BE094635.D
Acq: 28 Oct 2017 22:39

Tgt Ion:252 Resp: 6876

Ion	Ratio	Lower	Upper
252	100		
253	41.2	0.0	64.2
125	179.0	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.075 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. -0.01 min
Lab File: BE094635.D
Acq: 28 Oct 2017 22:39

Tgt Ion:252 Resp: 2490

Ion	Ratio	Lower	Upper
252	100		
253	57.3	24.5	36.7#
125	130.4	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AA8

Manual Integrations APPROVED
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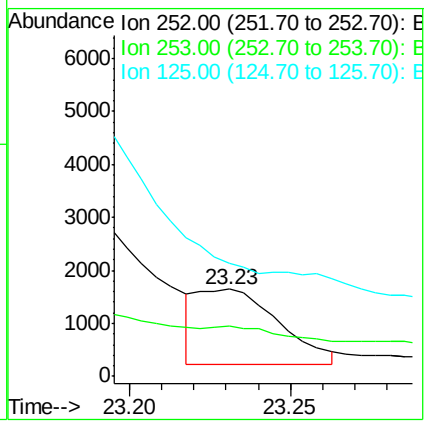
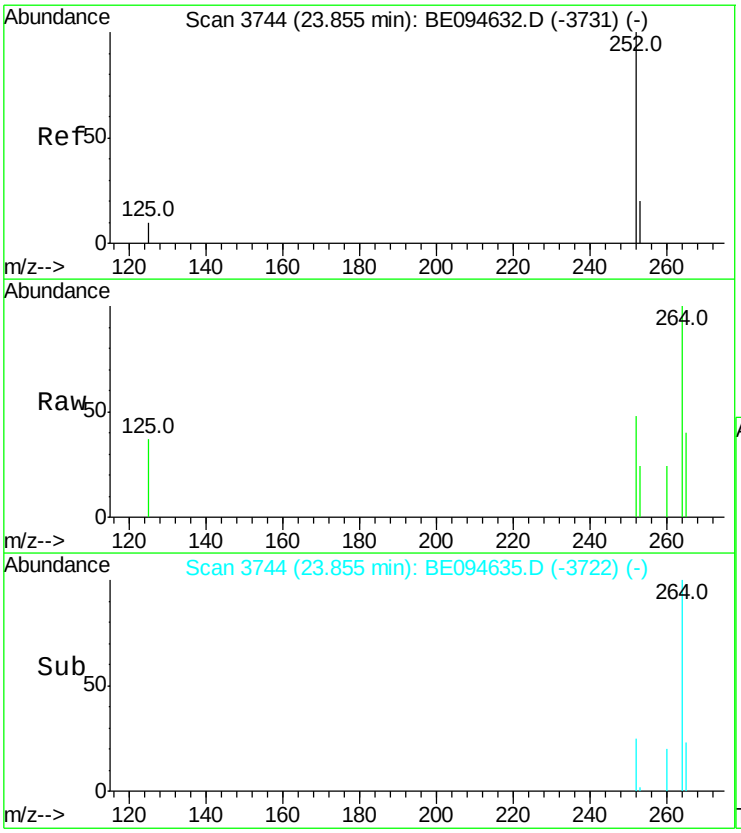
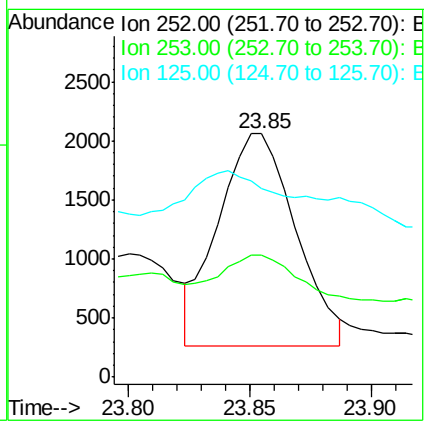


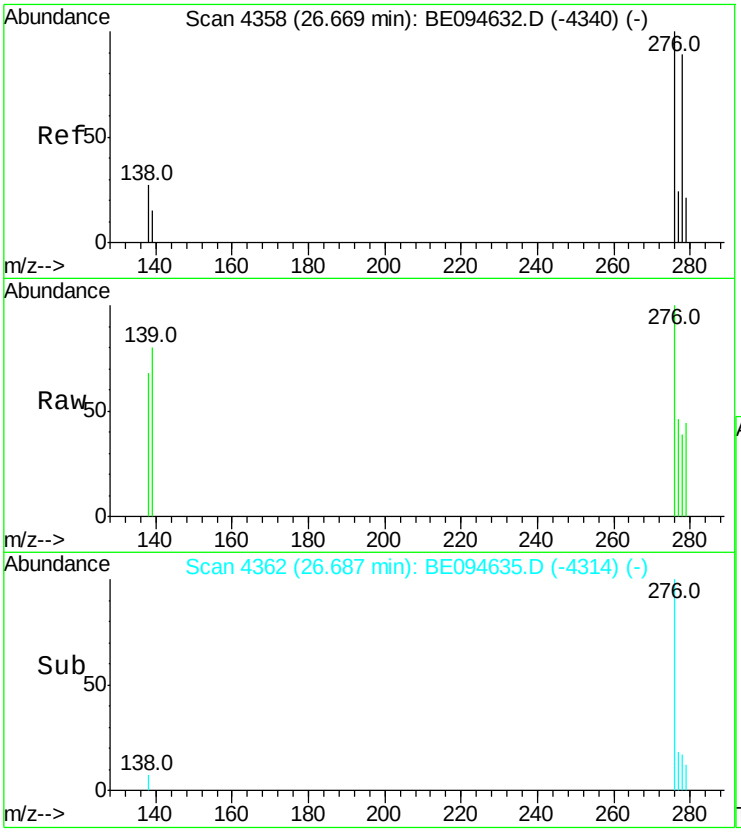


#23
Benzo(a)pyrene
Concen: 0.130 ng/ul m
RT: 23.85 min Scan# 3744
Delta R.T. -0.00 min
Lab File: BE094635.D
Acq: 28 Oct 2017 22:39

Tgt Ion:252 Resp: 4007

Ion	Ratio	Lower	Upper
252	100		
253	50.0	28.5	42.7#
125	77.3	18.1	27.1#





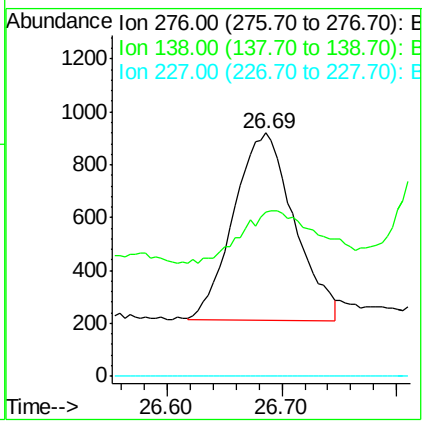
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng/ul m
RT: 26.69 min Scan# 4362
Delta R.T. 0.02 min
Lab File: BE094635.D
Acq: 28 Oct 2017 22:39

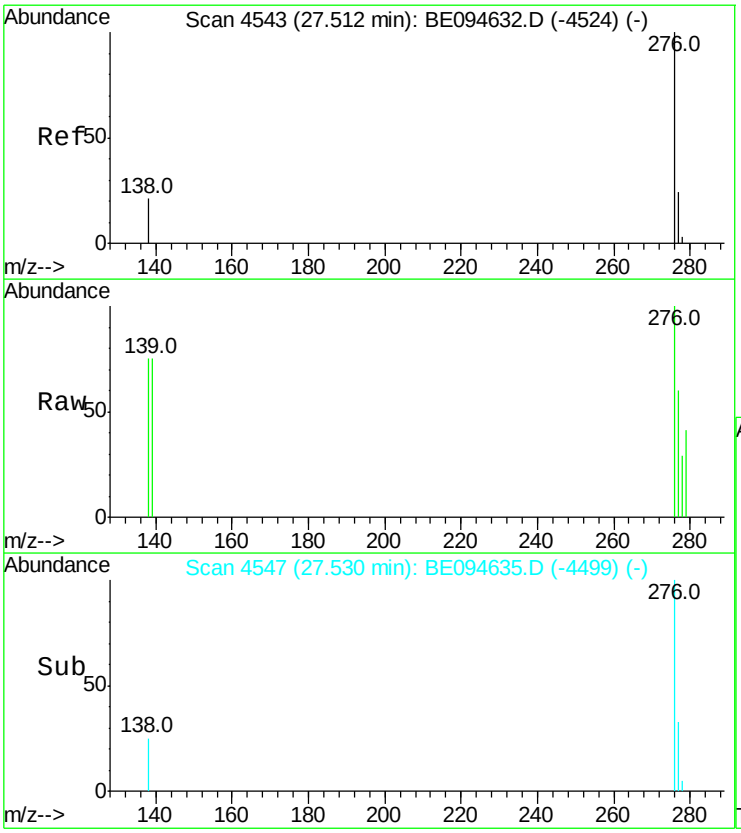
Tgt Ion:276 Resp: 2604

Ion	Ratio	Lower	Upper
276	100		
138	19.4	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AA8

Manual Integrations APPROVED
Sohil
10/30/2017 6:40:22 PM





#26
Benzo(g,h,i)perylene
Concen: 0.086 ng/ul m
RT: 27.53 min Scan# 4547
Delta R.T. 0.02 min
Lab File: BE094635.D
Acq: 28 Oct 2017 22:39

Tgt Ion:276 Resp: 2196

Ion	Ratio	Lower	Upper
276	100		
138	75.4	21.8	32.8#
277	60.4	20.5	30.7#