Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111517\
Data File : BE094811.D
Acq On : 15 Nov 2017 11:53
Operator : SJ/JU
Sample : I6260-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X2B43

Manual Integrations APPROVED
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11/16/2017 6:17:10 PM

Quant Time: Nov 16 11:39:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 00:58:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	899	0.40	ng/ul	0.00
2) Naphthalene-d8	10.73	136	4884	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.54	164	2933	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.27	188	8209	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9833	0.40	ng/ul	0.00
20) Perylene-d12	23.98	264	9579	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.33	152	2383	0.30	ng/ul	0.02
14) Fluoranthene-d10	19.29	212	9019	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.78	128	7493	0.644	ng/ul#	95
5) 2-Methylnaphthalene	12.41	142	3372	0.417	ng/ul	98
9) Fluorene	15.60	166	6814	0.594	ng/ul	94
11) Pentachlorophenol	17.00	266	1782m	4.117	ng/ul	
13) Anthracene	17.39	178	18016	0.802	ng/ul#	89
15) Fluoranthene	19.32	202	19914	0.688	ng/ul	84
17) Pyrene	19.69	202	23695	0.770	ng/ul#	80
19) Chrysene	21.48	228	18393	0.616	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	14756	0.517	ng/ul	86
23) Benzo(a)pyrene	23.86	252	19511	0.688	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.68	278	37696	1.446	ng/ul#	88

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

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Manual Integrations APPROVED
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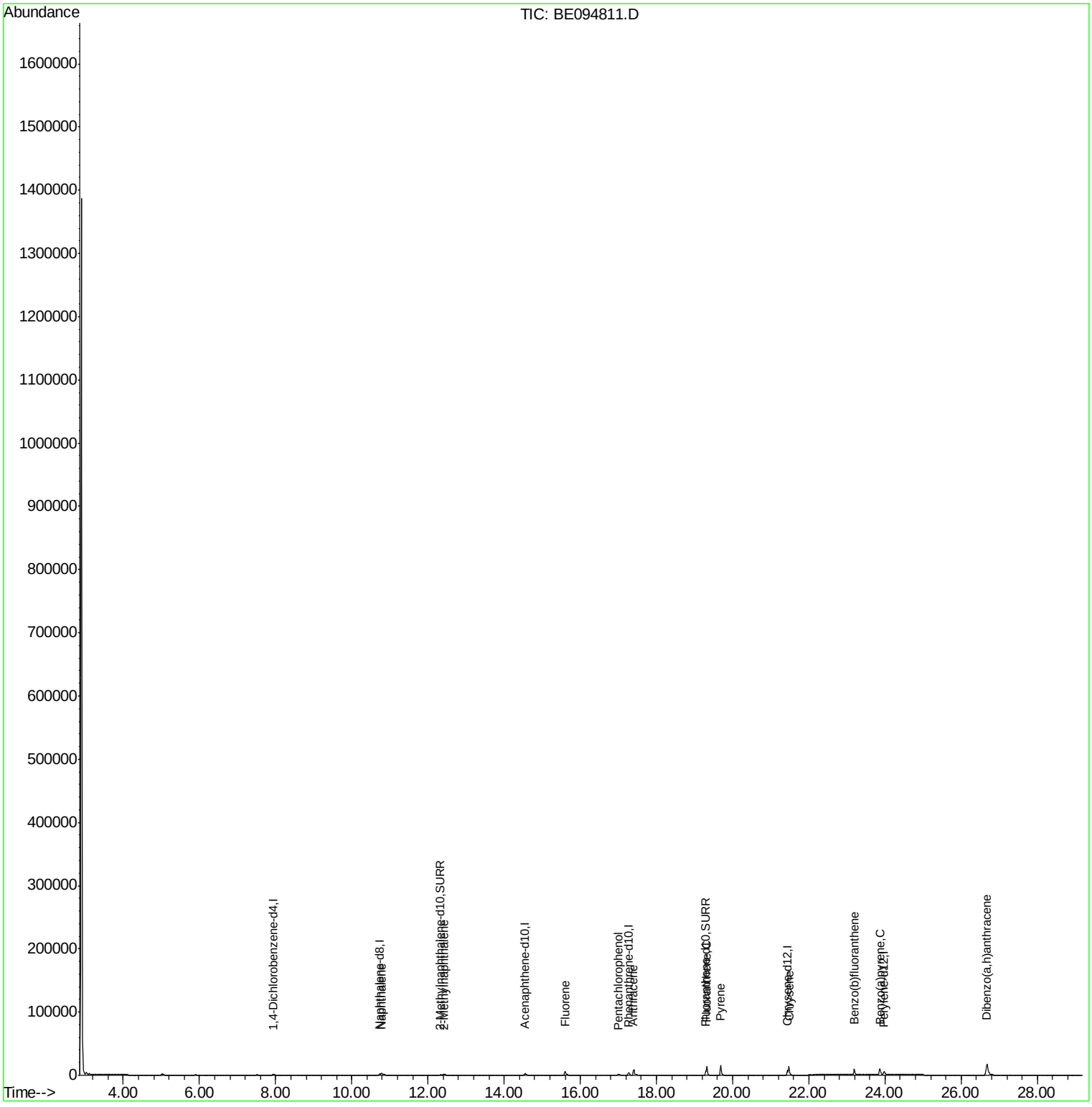
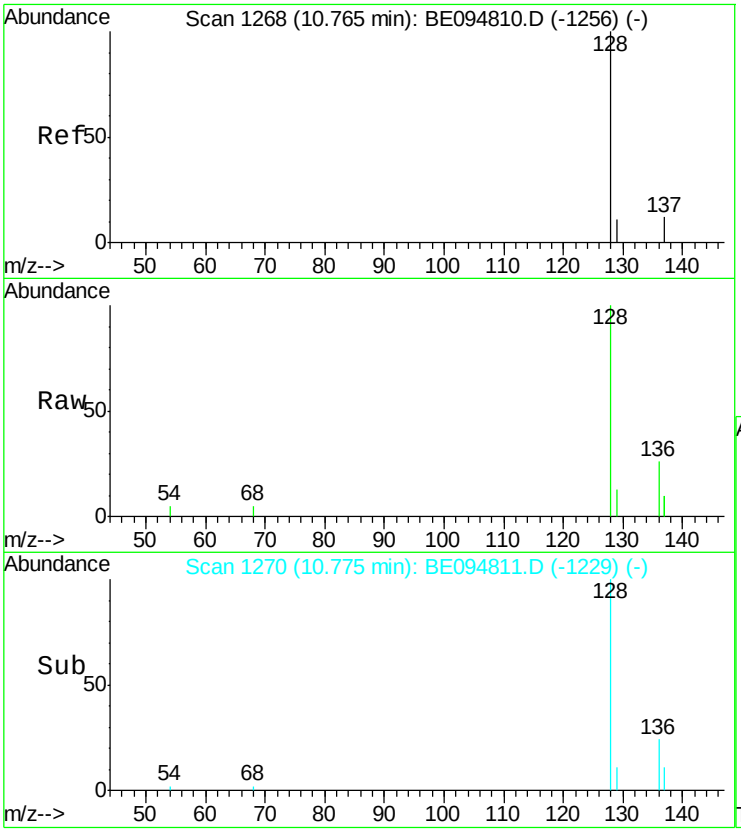
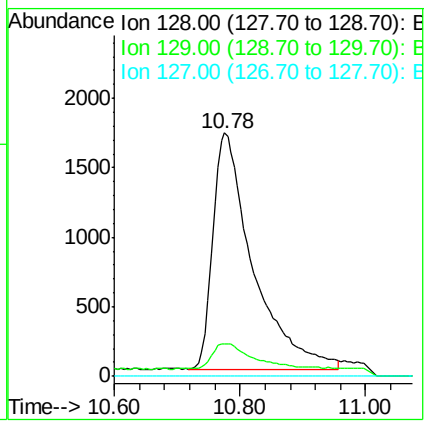




#3
Naphthalene
Concen: 0.644 ng/ul
RT: 10.78 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BE094811.D
Acq: 15 Nov 2017 11:53

Tgt Ion:128 Resp: 7493

Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
X2B43

Manual Integrations APPROVED
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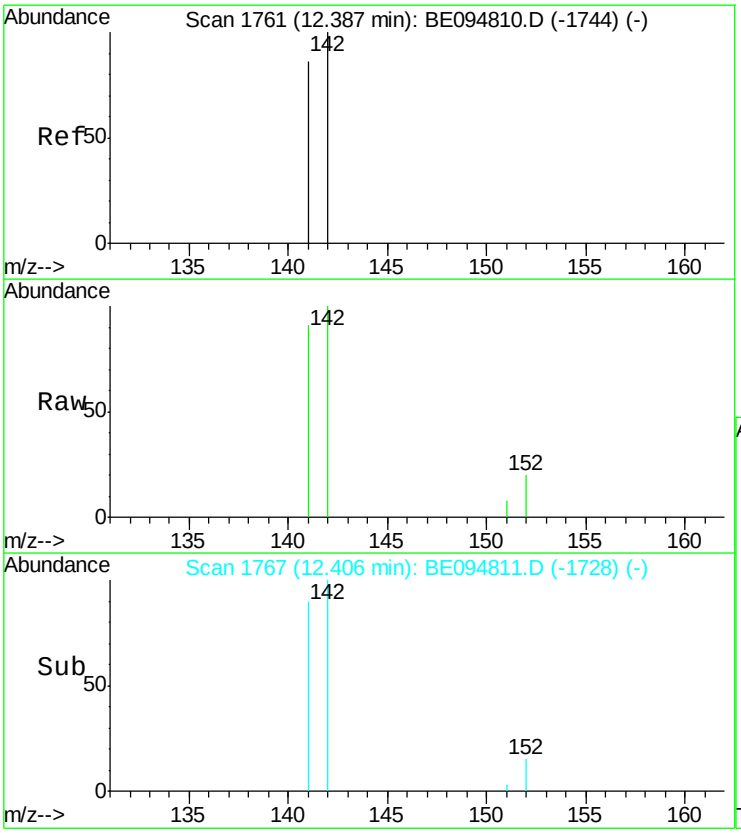
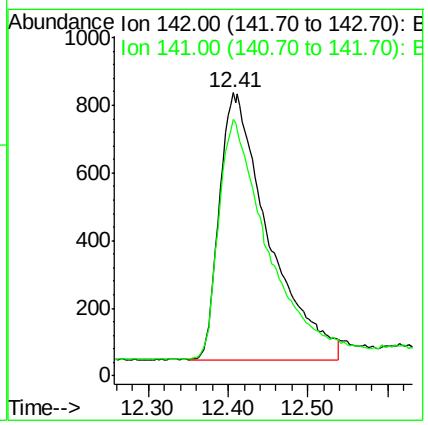
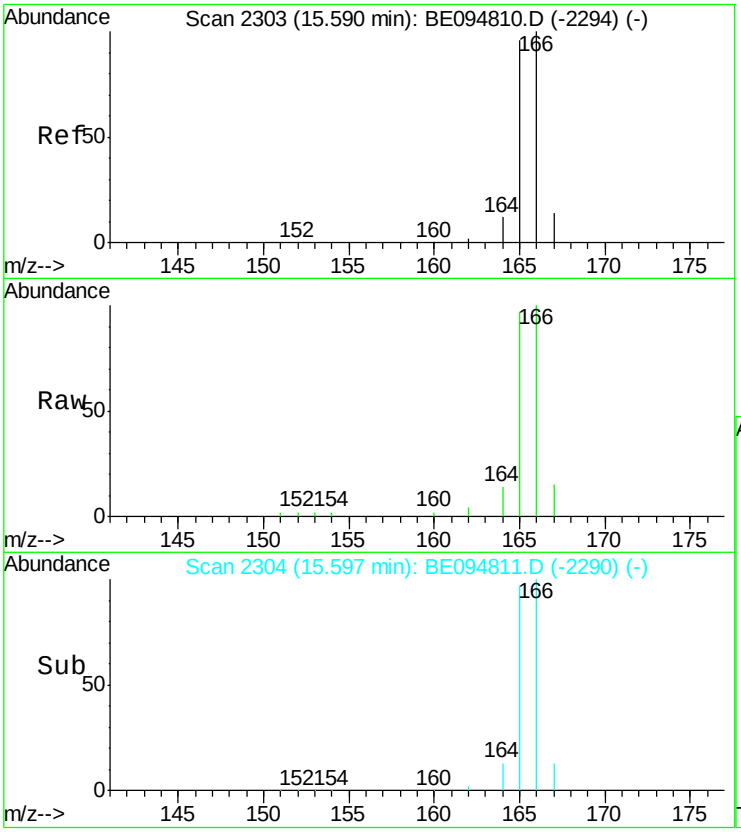


#5
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.41 min Scan# 1767
Delta R.T. 0.02 min
Lab File: BE094811.D
Acq: 15 Nov 2017 11:53

Tgt Ion:142 Resp: 3372

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8

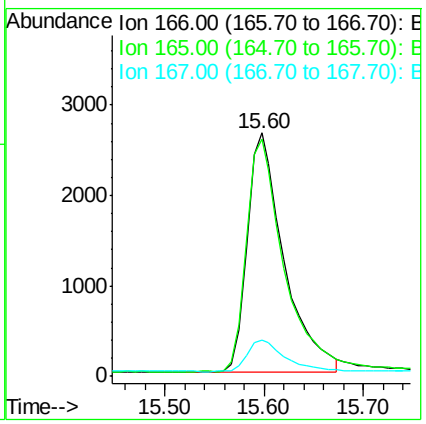




#9
Fluorene
Concen: 0.594 ng/ul
RT: 15.60 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BE094811.D
Acq: 15 Nov 2017 11:53

Tgt Ion:166 Resp: 6814

Ion	Ratio	Lower	Upper
166	100		
165	97.2	73.4	110.2
167	15.0	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
X2B43

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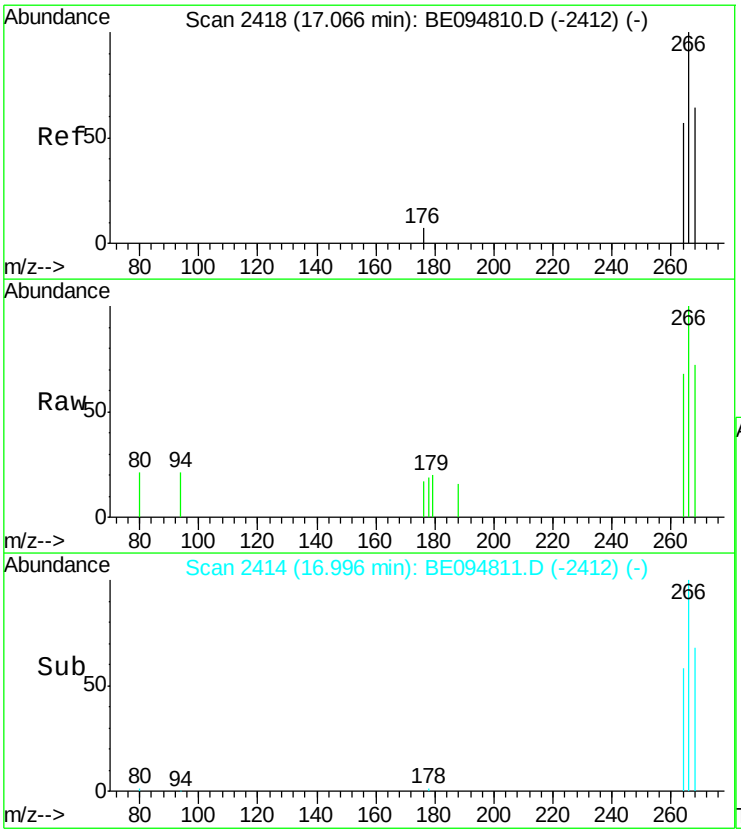
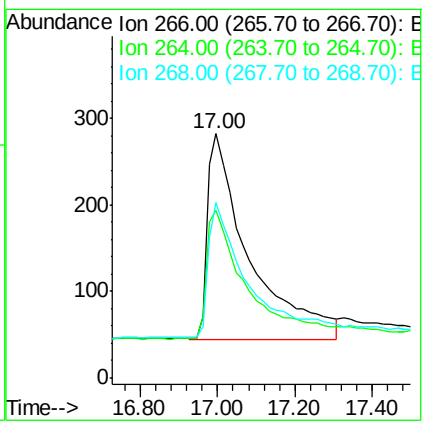
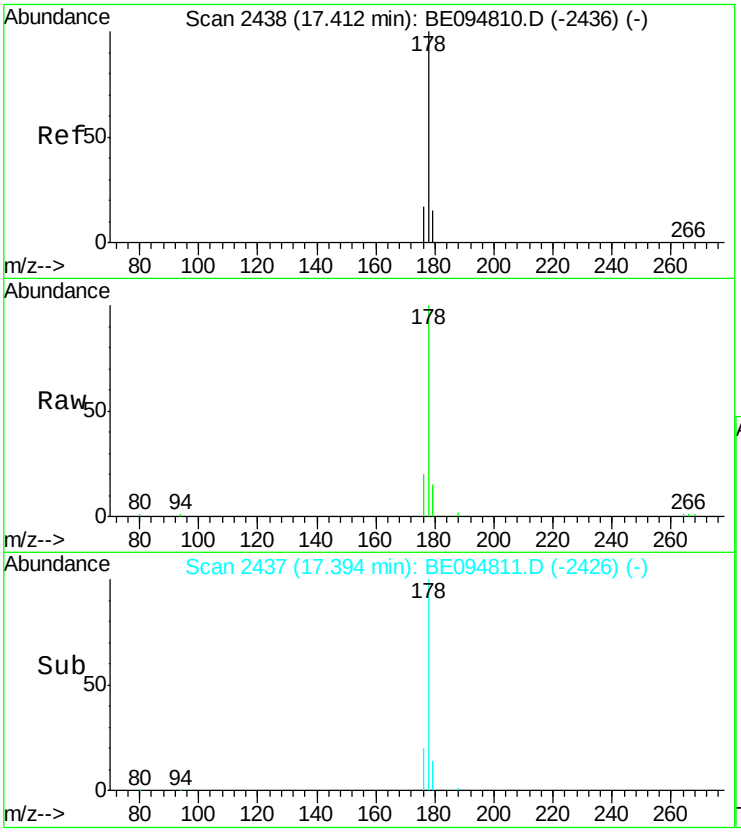


#11
Pentachlorophenol
Concen: 4.117 ng/ul m
RT: 17.00 min Scan# 2414
Delta R.T. -0.07 min
Lab File: BE094811.D
Acq: 15 Nov 2017 11:53

Tgt Ion:266 Resp: 1782

Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	0.0	49.8	74.8#





#13
Anthracene
Concen: 0.802 ng/ul
RT: 17.39 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BE094811.D
Acq: 15 Nov 2017 11:53

Tgt Ion:178 Resp: 18016

Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.1	27.1#
176	20.2	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
X2B43

Manual Integrations APPROVED
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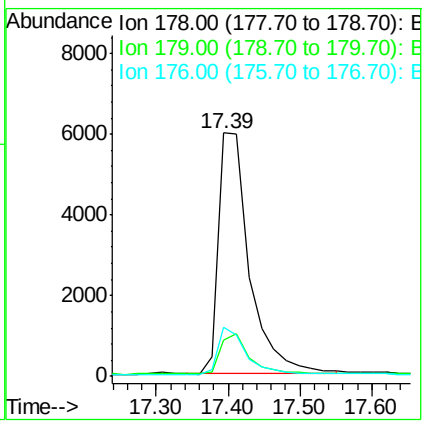
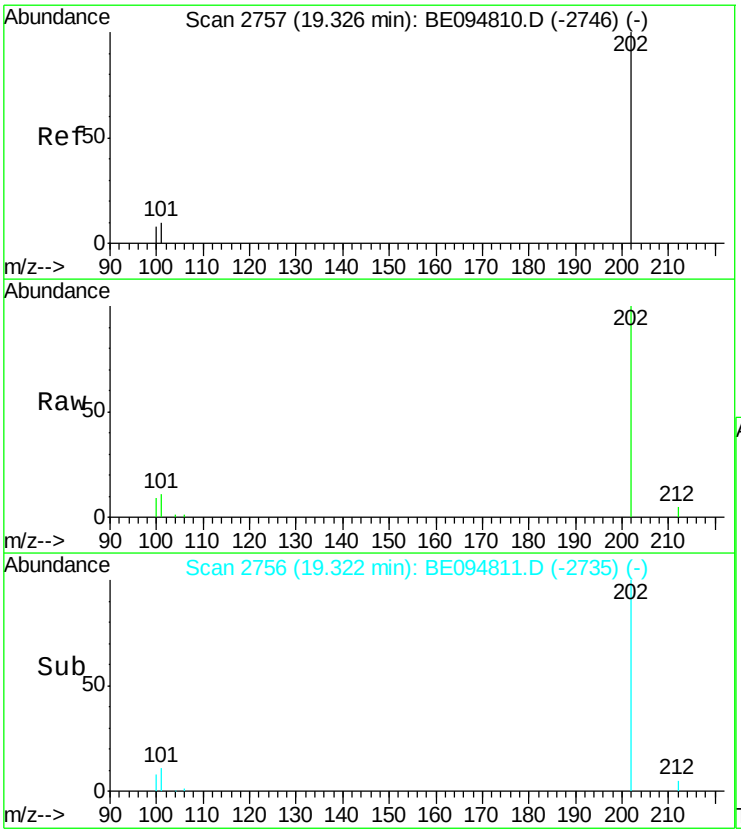
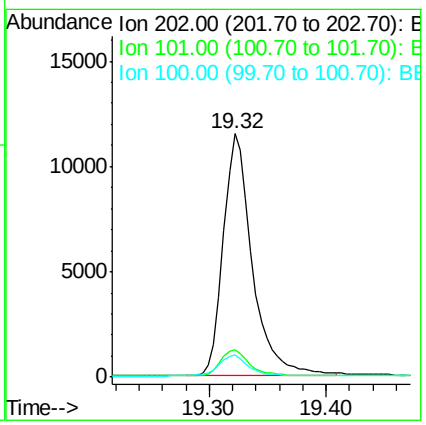


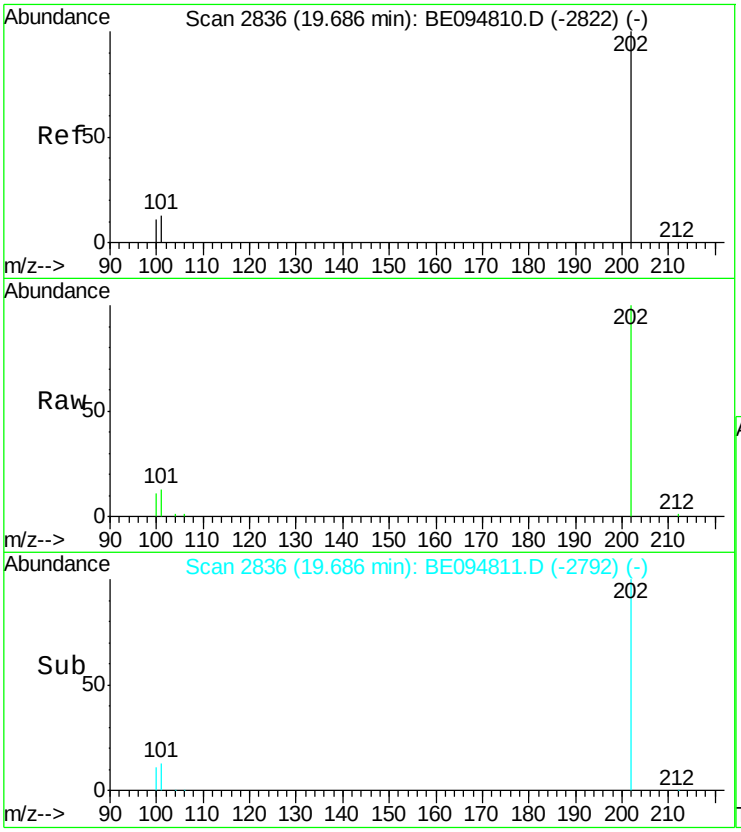


#15
Fluoranthene
Concen: 0.688 ng/ul
RT: 19.32 min Scan# 2756
Delta R.T. -0.00 min
Lab File: BE094811.D
Acq: 15 Nov 2017 11:53

Tgt Ion:202 Resp: 19914

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
100	8.8	0.0	39.5





#17
Pyrene
Concen: 0.770 ng/ul
RT: 19.69 min Scan# 2836
Delta R.T. -0.00 min
Lab File: BE094811.D
Acq: 15 Nov 2017 11:53

Tgt Ion:202 Resp: 23695

Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	10.9	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
X2B43

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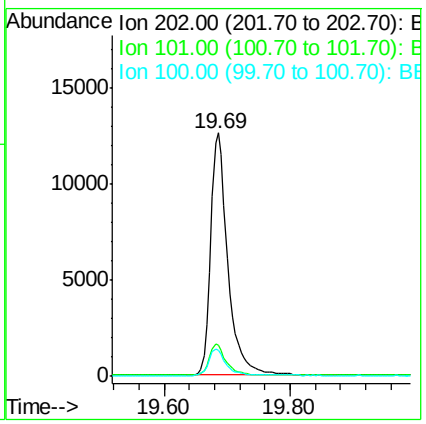
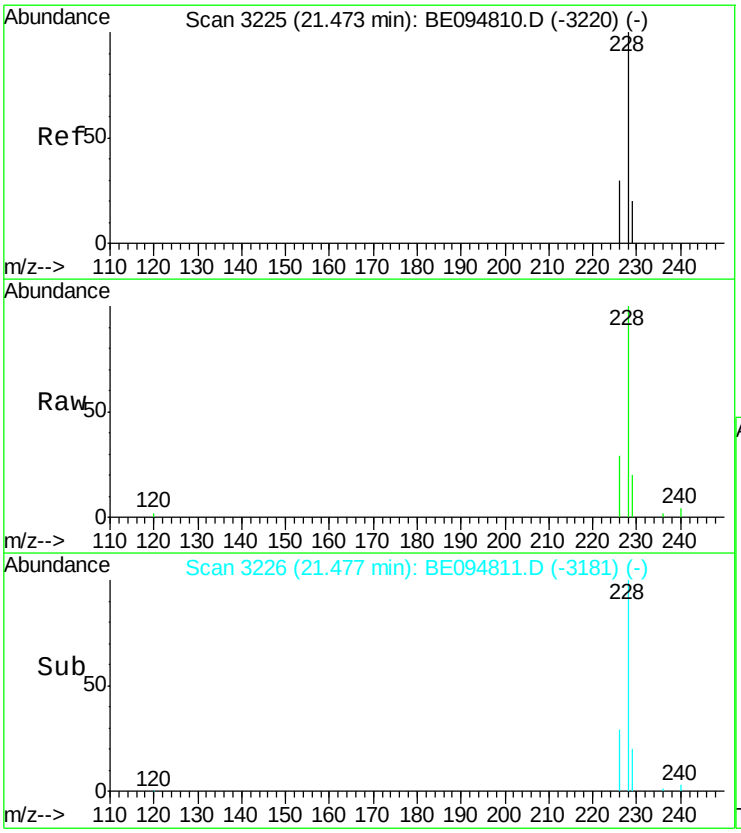
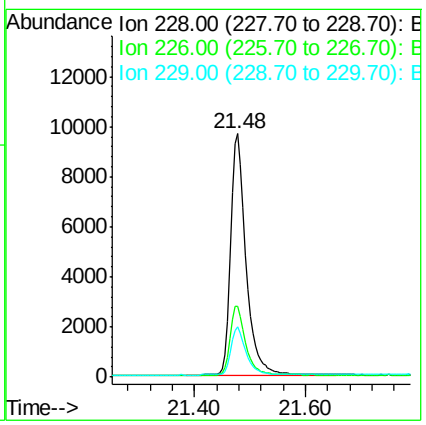


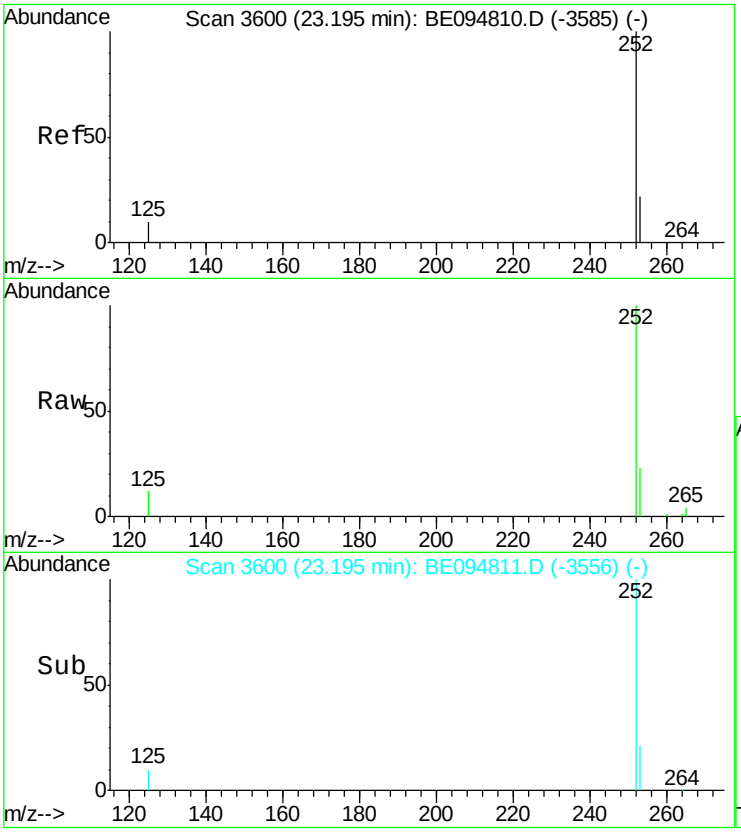


#19
Chrysene
Concen: 0.616 ng/ul
RT: 21.48 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BE094811.D
Acq: 15 Nov 2017 11:53

Tgt Ion:228 Resp: 18393

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	20.4	17.7	26.5

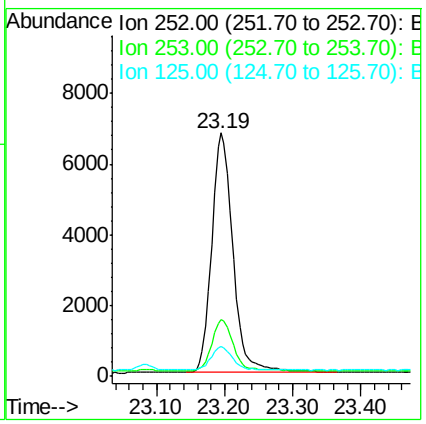




#21
Benzo(b)fluoranthene
Concen: 0.517 ng/ul
RT: 23.19 min Scan# 3600
Delta R.T. -0.00 min
Lab File: BE094811.D
Acq: 15 Nov 2017 11:53

Tgt Ion:252 Resp: 14756

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	64.2
125	12.1	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
X2B43

Manual Integrations APPROVED
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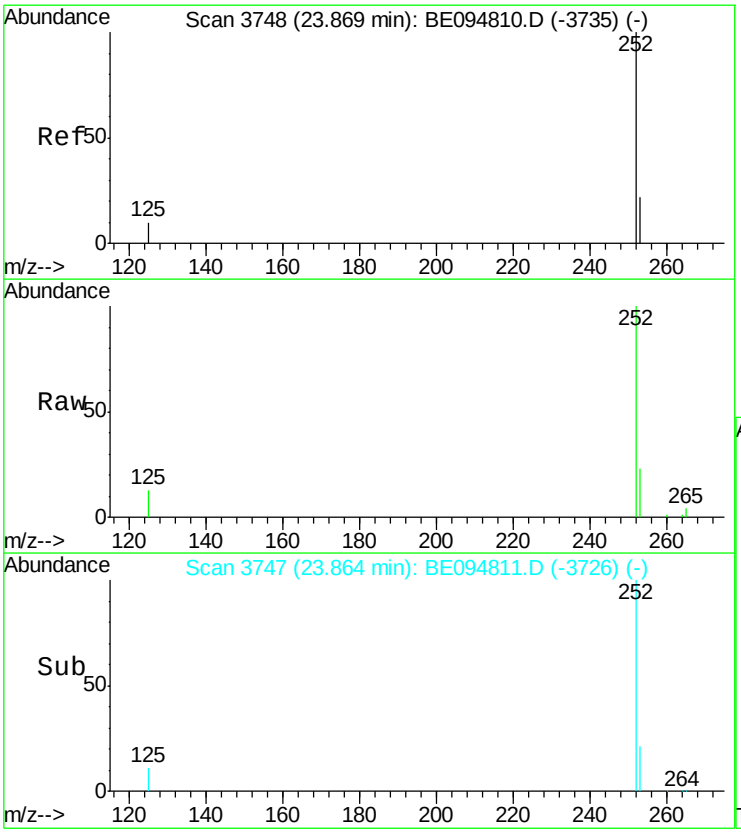
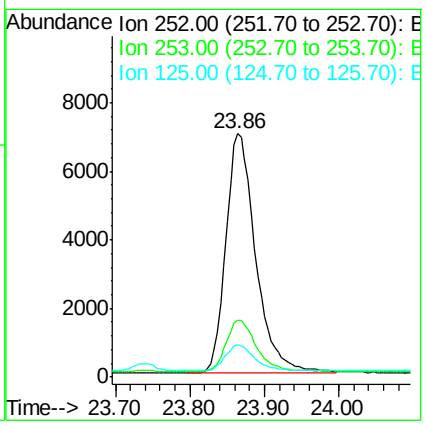
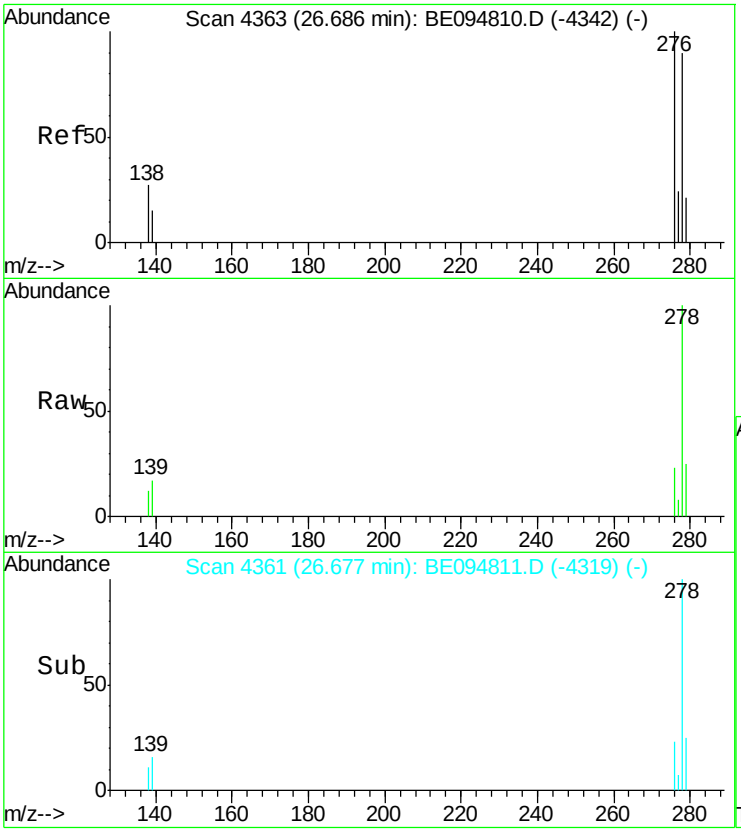


#23
Benzo(a)pyrene
Concen: 0.688 ng/ul
RT: 23.86 min Scan# 3747
Delta R.T. -0.00 min
Lab File: BE094811.D
Acq: 15 Nov 2017 11:53

Tgt Ion:252 Resp: 19511

Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	13.3	18.1	27.1#

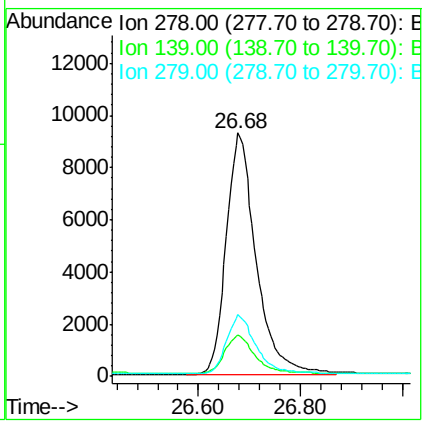




#25
Dibenzo(a,h)anthracene
Concen: 1.446 ng/ul
RT: 26.68 min Scan# 4361
Delta R.T. -0.01 min
Lab File: BE094811.D
Acq: 15 Nov 2017 11:53

Tgt Ion:278 Resp: 37696

Ion	Ratio	Lower	Upper
278	100		
139	16.7	17.4	26.0#
279	25.4	25.9	38.9#



Instrument :
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ClientSampleId :
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