Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095916.D
Acq On : 29 Mar 2018 15:34
Operator : SJ/JU
Sample : J2060-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AT2DL

Manual Integrations APPROVED
Sohil
3/29/2018 6:45:13 PM

Quant Time: Mar 29 18:02:46 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 16:32:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1690	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5029	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3056	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6761	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6932	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	6699	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	524	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	1424	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.29	128	1772	0.126	ng/ul#	90
5) 2-Methylnaphthalene	12.87	142	760	0.078	ng/ul	99
8) Acenaphthene	15.06	153	3180	0.274	ng/ul	93
9) Fluorene	16.03	166	2965	0.235	ng/ul	92
12) Phenanthrene	17.75	178	52895	2.612	ng/ul#	88
13) Anthracene	17.84	178	14816	0.783	ng/ul#	91
15) Fluoranthene	19.71	202	142886	5.826	ng/ul	83
17) Pyrene	20.07	202	146263	5.557	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	105266	4.706	ng/ul#	85
19) Chrysene	21.83	228	84219	3.698	ng/ul	98
21) Benzo(b)fluoranthene	23.61	252	120092m	5.175	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	39545m	1.793	ng/ul	
23) Benzo(a)pyrene	24.30	252	82489	3.894	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.23	276	53636	2.283	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.24	278	14063	0.749	ng/ul	94
26) Benzo(g,h,i)perylene	28.11	276	53302	2.641	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095916.D
Acq On : 29 Mar 2018 15:34
Operator : SJ/JU
Sample : J2060-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 29 18:02:46 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 16:32:29 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AT2DL

Manual Integrations APPROVED
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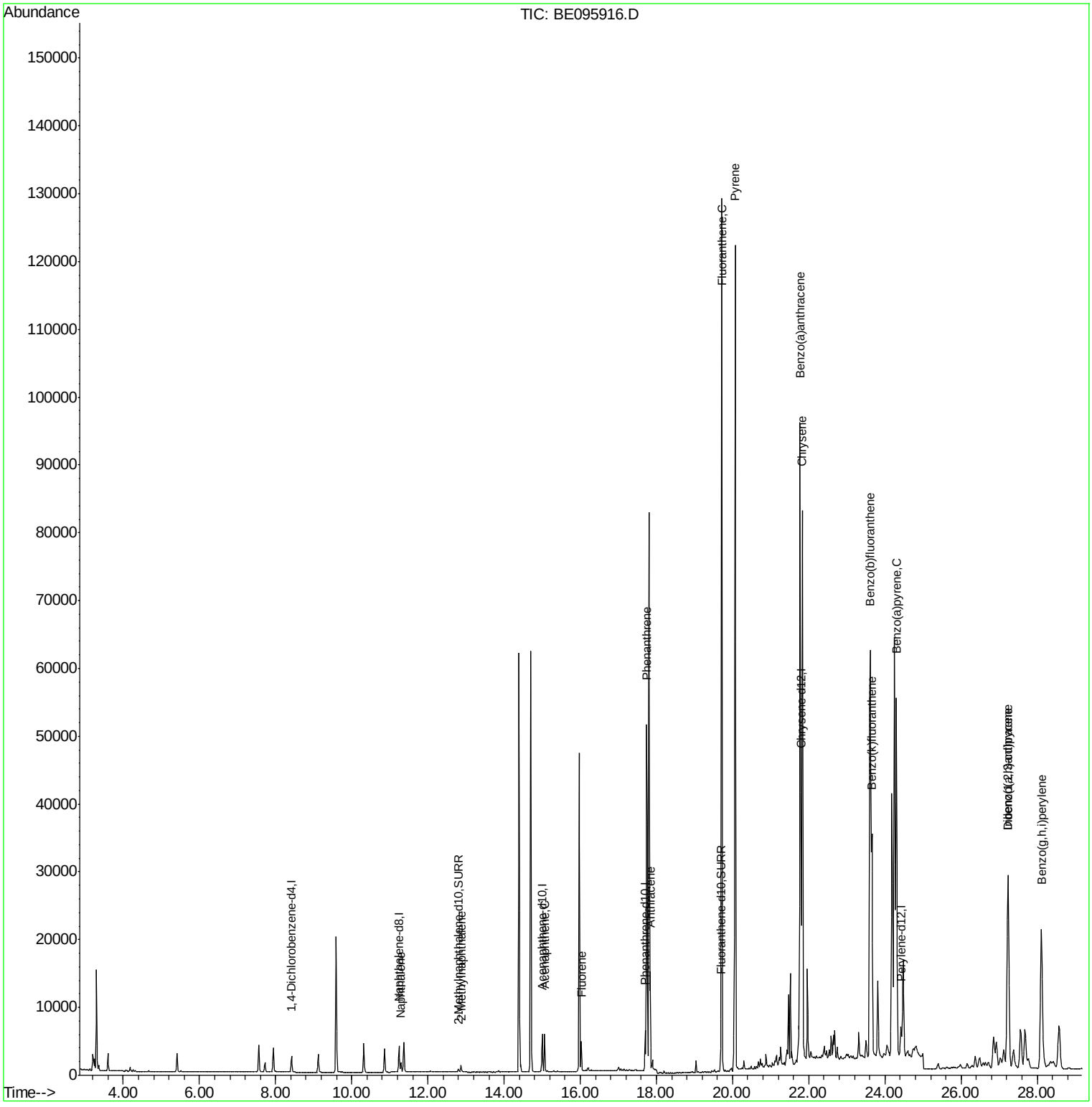

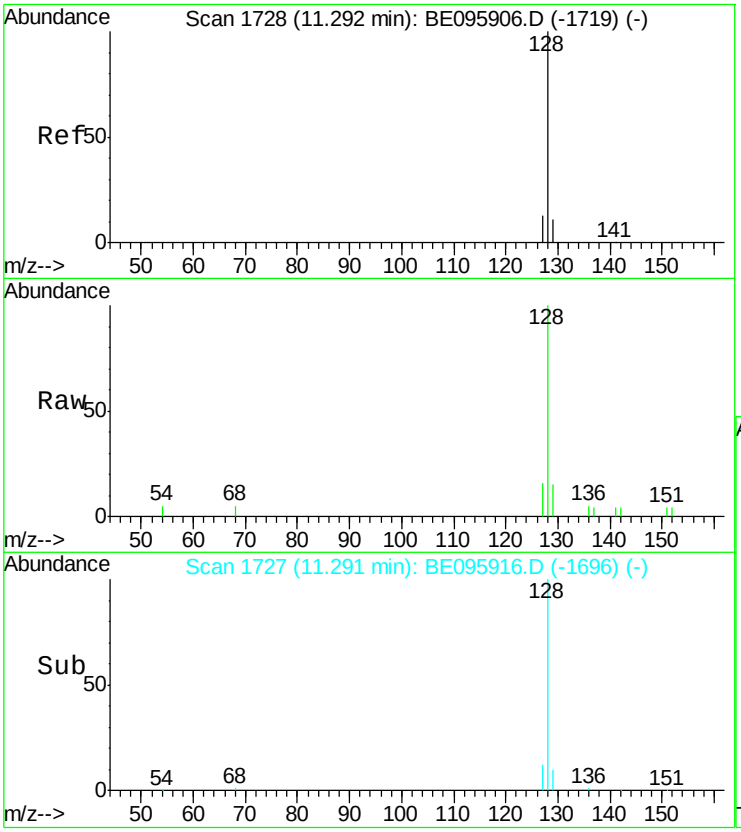

#3
Naphthalene
Concen: 0.126 ng/ul
RT: 11.29 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:128 Resp: 1772

Ion	Ratio	Lower	Upper
128	100		
129	14.7	11.3	16.9
127	15.8	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AT2DL

Manual Integrations APPROVED
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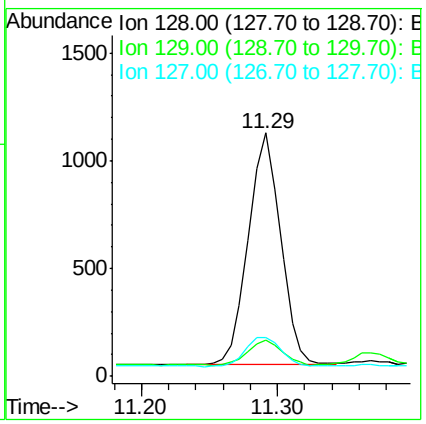
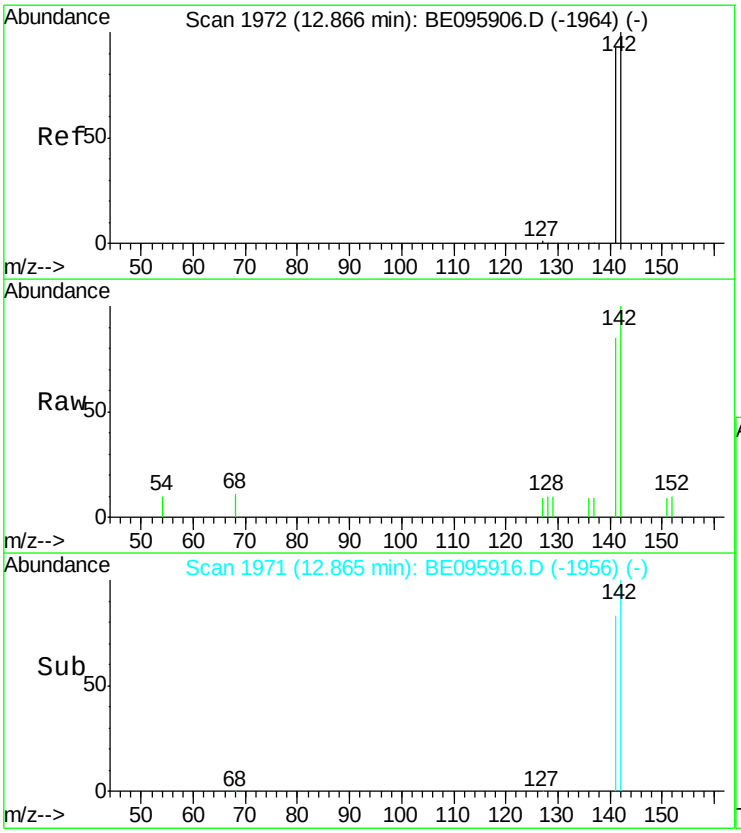
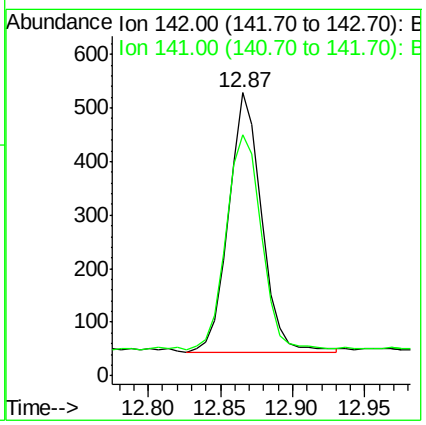


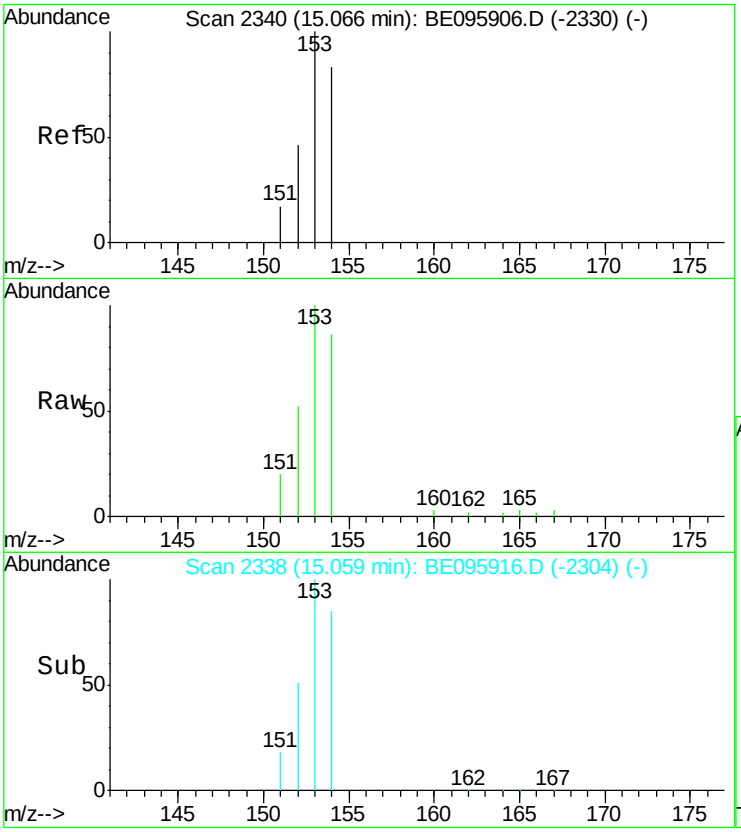


#5
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.87 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:142 Resp: 760

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	108.8

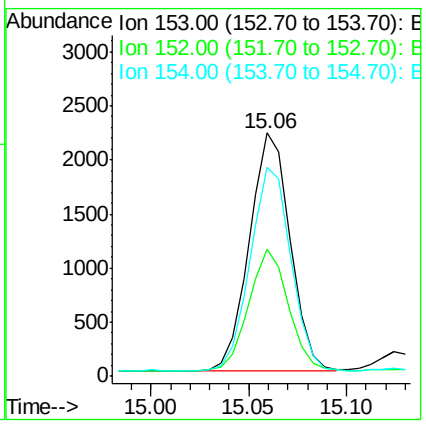




#8
Acenaphthene
Concen: 0.274 ng/ul
RT: 15.06 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:153 Resp: 3180

Ion	Ratio	Lower	Upper
153	100		
152	52.0	36.0	54.0
154	85.7	72.0	108.0



Instrument :
BNA_E
ClientSampleId :
C0AT2DL

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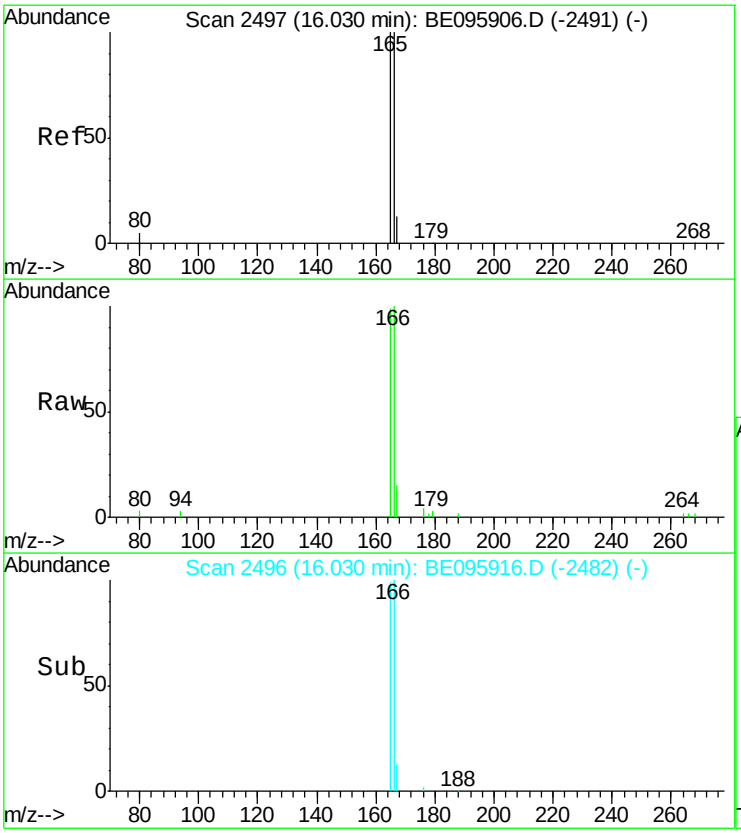
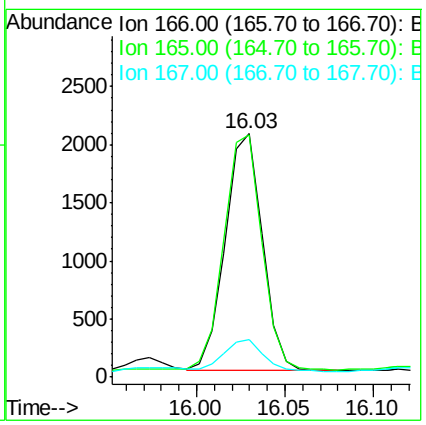
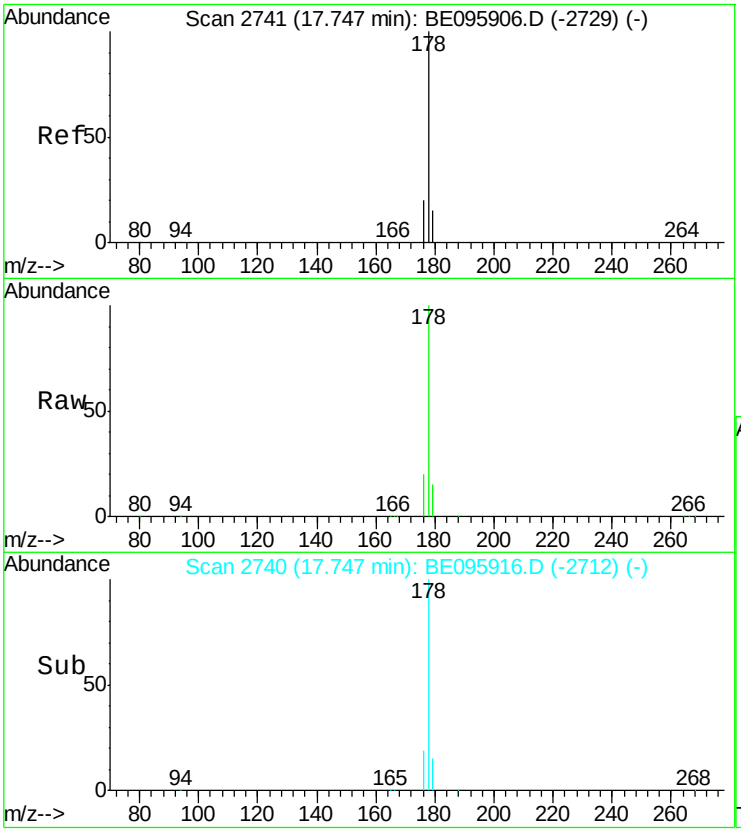


#9
Fluorene
Concen: 0.235 ng/ul
RT: 16.03 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:166 Resp: 2965

Ion	Ratio	Lower	Upper
166	100		
165	99.3	73.4	110.2
167	15.5	14.6	22.0





#12
Phenanthrene
Concen: 2.612 ng/ul
RT: 17.75 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:178 Resp: 52895

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.5	13.6	20.4

Instrument :
BNA_E
ClientSampleId :
C0AT2DL

Manual Integrations APPROVED
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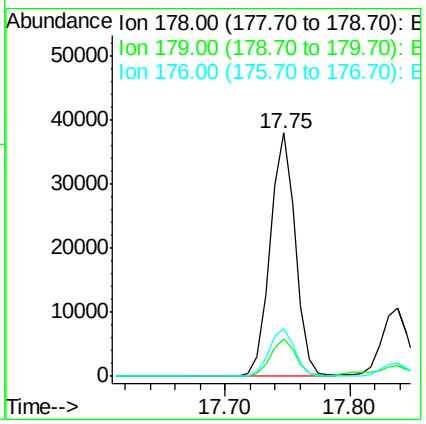
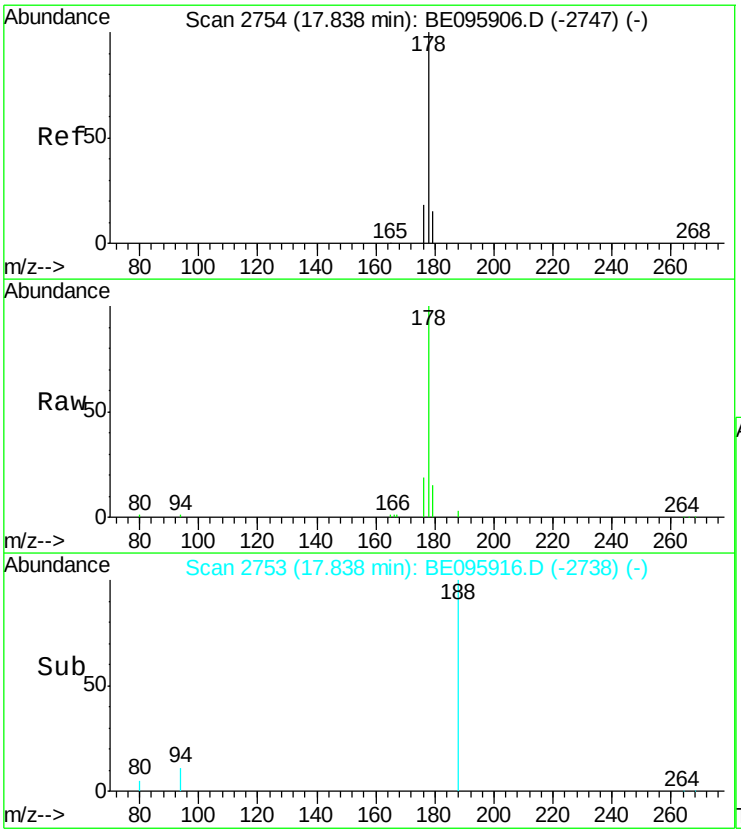
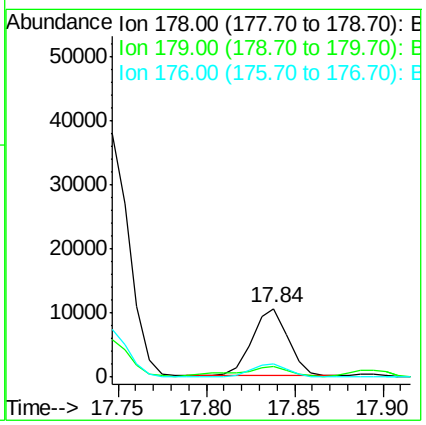


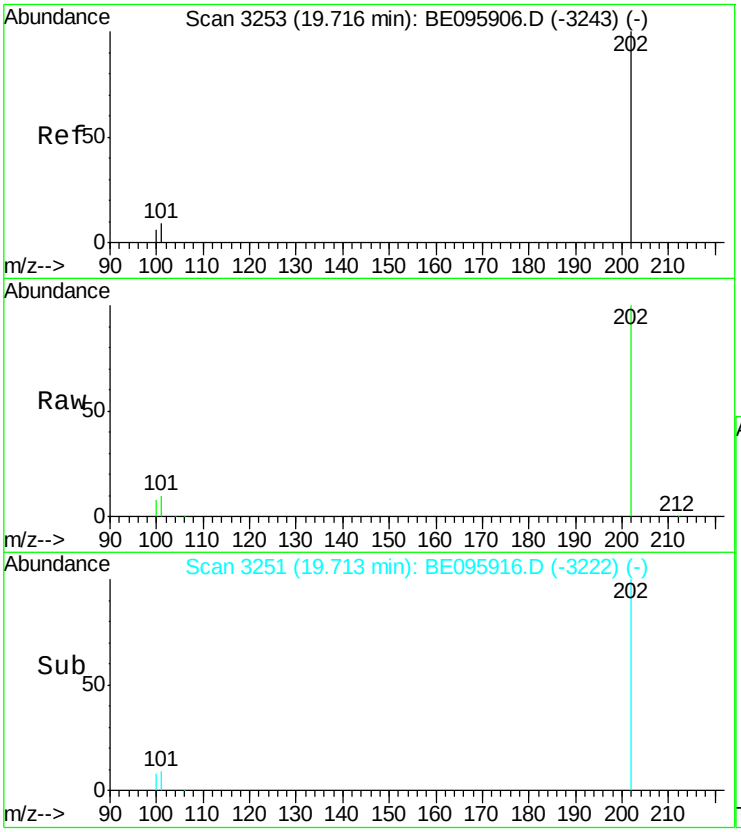


#13
Anthracene
Concen: 0.783 ng/ul
RT: 17.84 min Scan# 2753
Delta R.T. 0.01 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:178 Resp: 14816

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	19.4	14.7	22.1

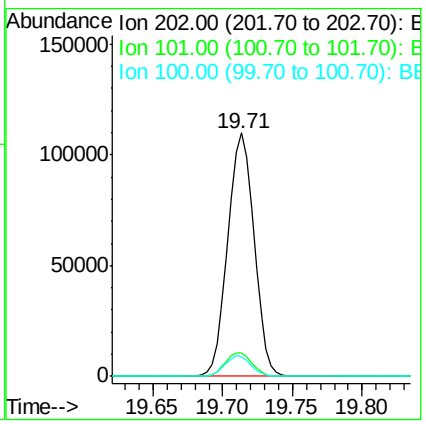




#15
Fluoranthene
Concen: 5.826 ng/ul
RT: 19.71 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:202 Resp: 142886

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.3
100	7.9	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AT2DL

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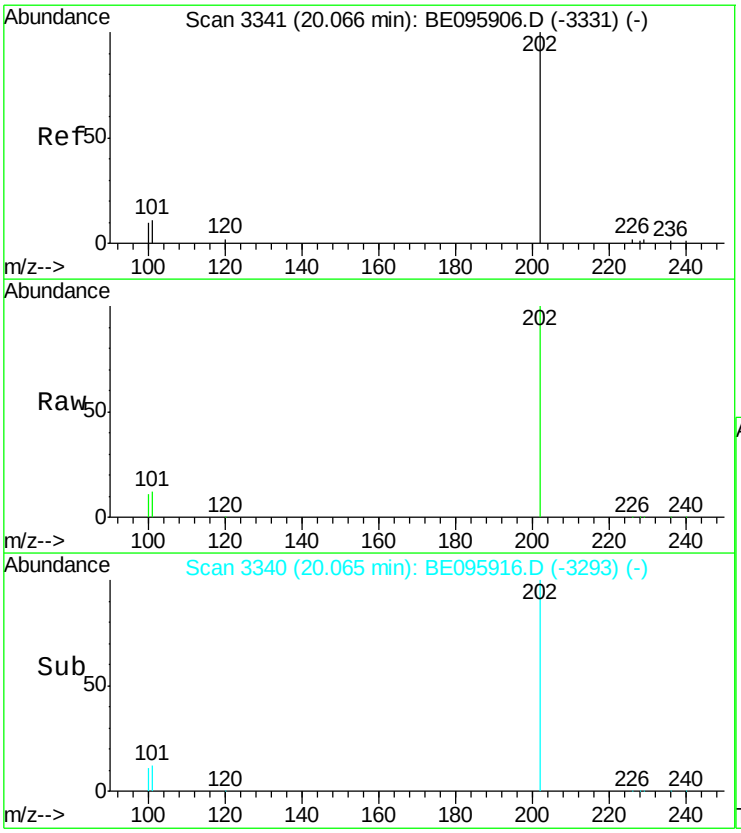
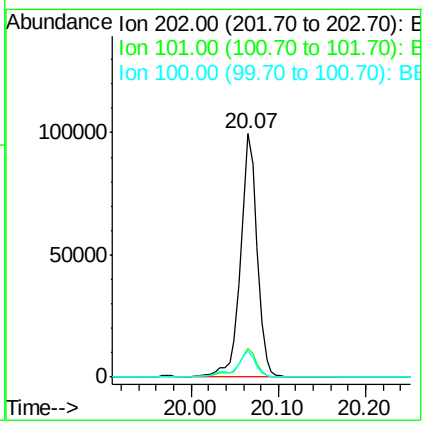
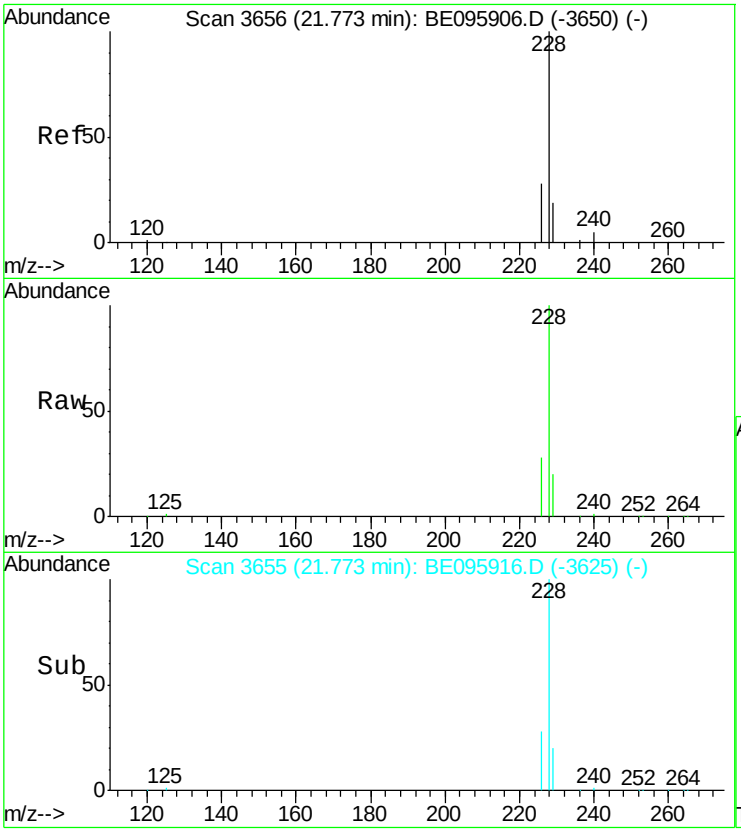


#17
Pyrene
Concen: 5.557 ng/ul
RT: 20.07 min Scan# 3340
Delta R.T. 0.00 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:202 Resp: 146263

Ion	Ratio	Lower	Upper
202	100		
101	11.7	18.2	27.4#
100	10.6	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 4.706 ng/ul
RT: 21.77 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:228 Resp: 105266

Ion	Ratio	Lower	Upper
228	100		
229	20.5	22.8	34.2#
226	28.1	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0AT2DL

Manual Integrations APPROVED
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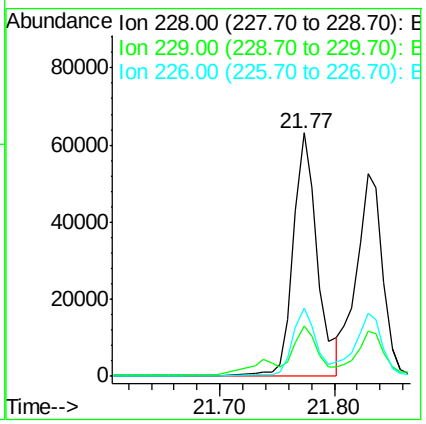
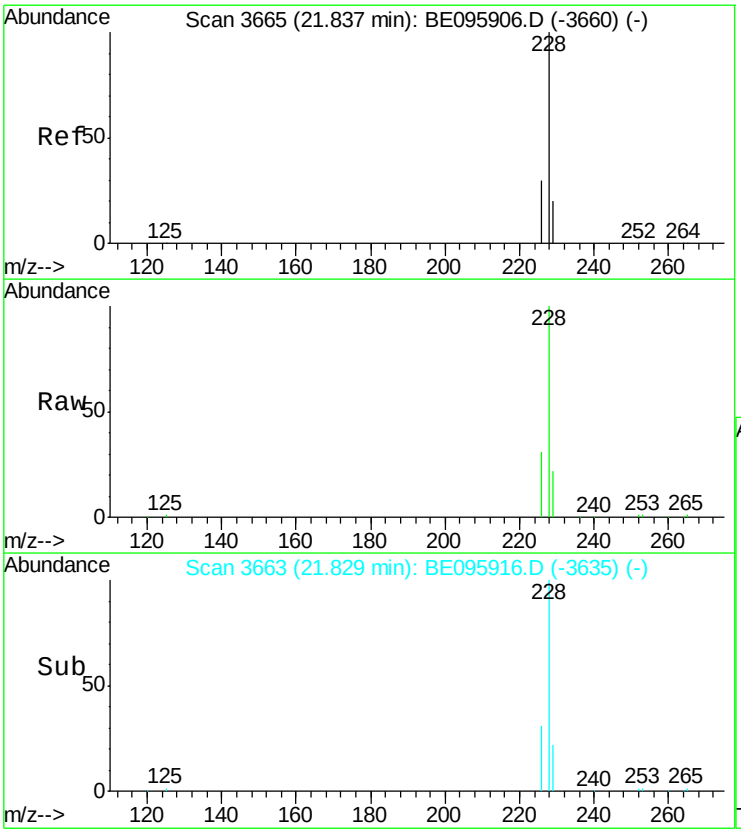
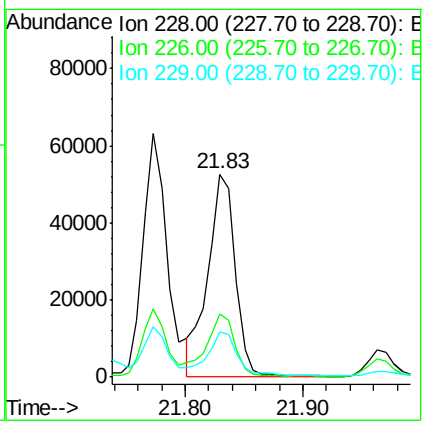


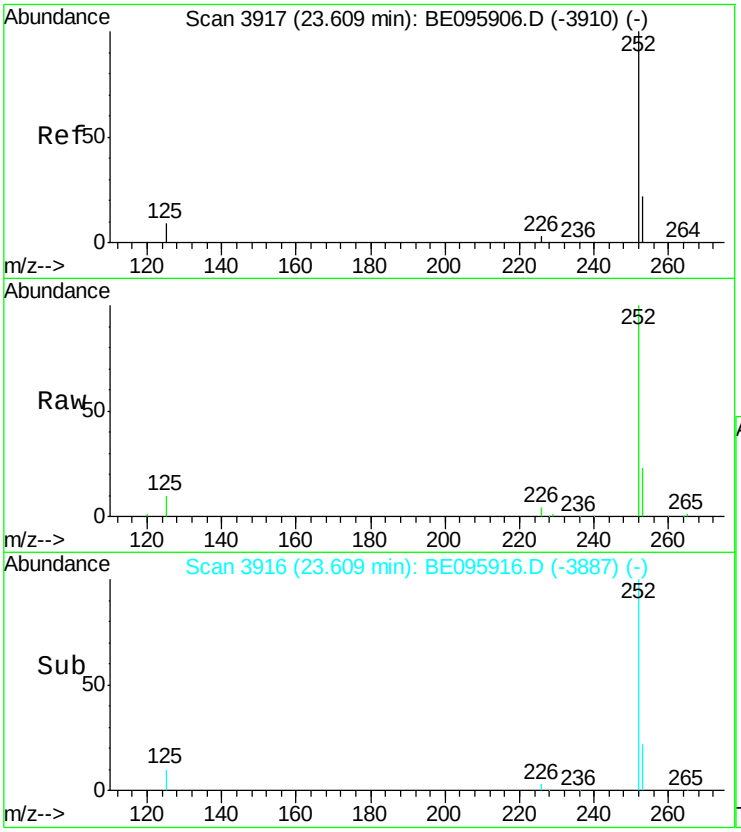


#19
Chrysene
Concen: 3.698 ng/ul
RT: 21.83 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:228 Resp: 84219

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	22.1	17.7	26.5

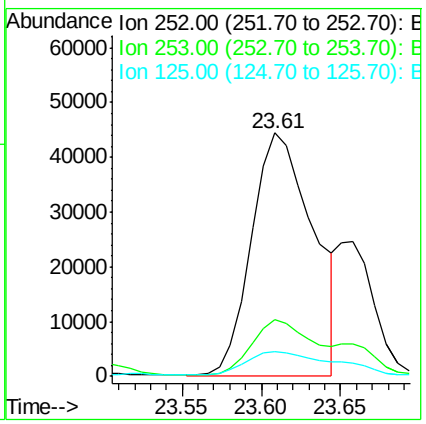




#21
Benzo(b)fluoranthene
Concen: 5.175 ng/ul m
RT: 23.61 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:252 Resp: 120092

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	10.3	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0AT2DL

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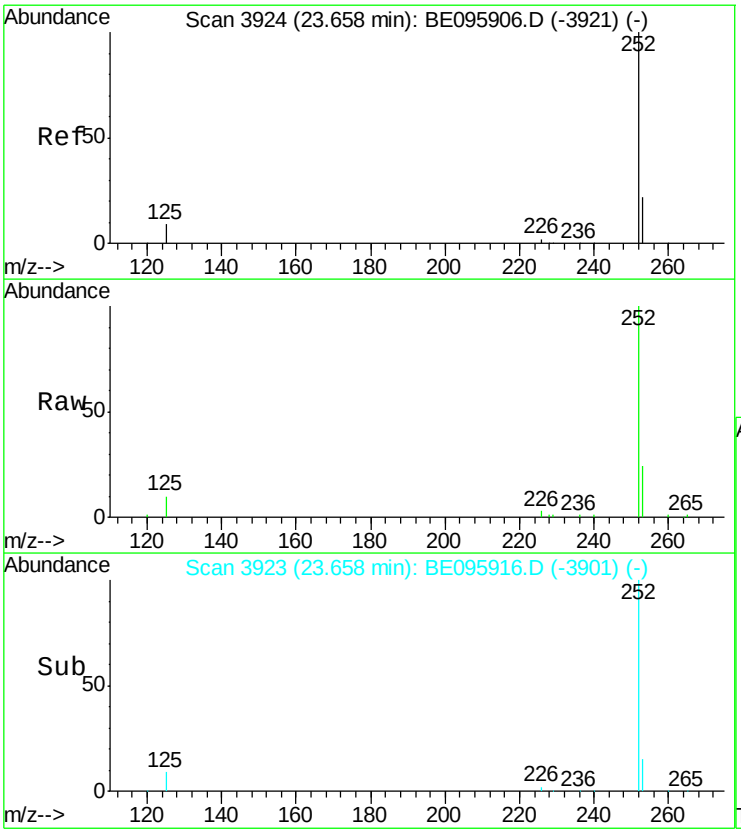
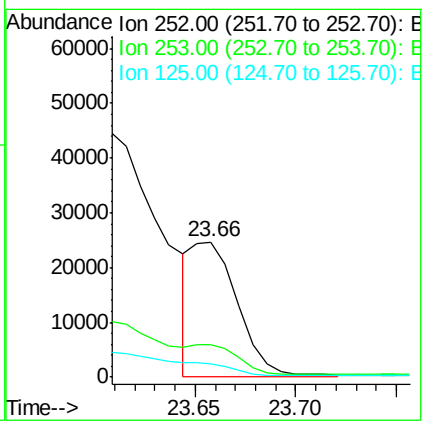
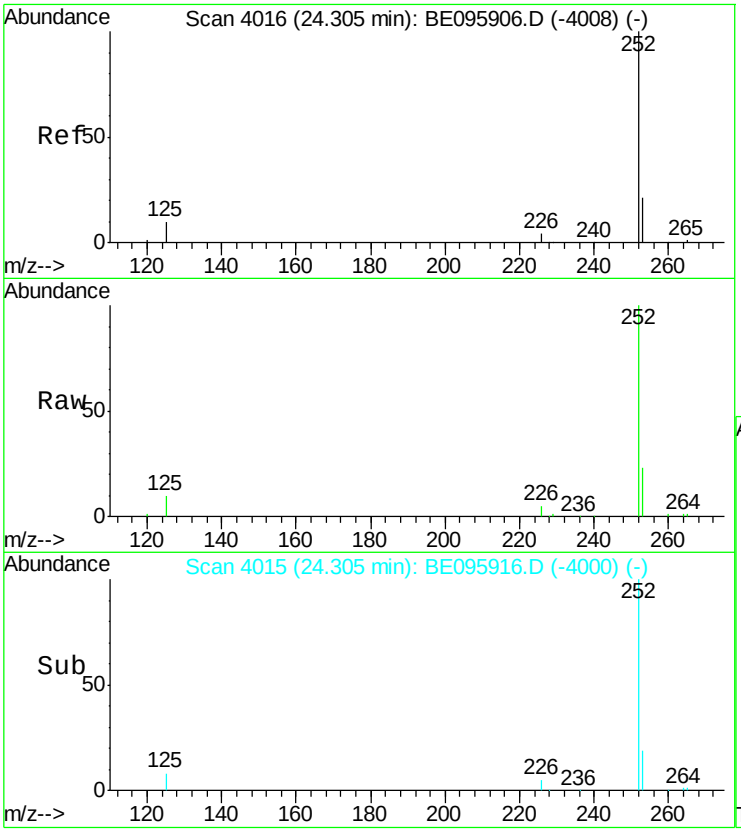


#22
Benzo(k)fluoranthene
Concen: 1.793 ng/ul m
RT: 23.66 min Scan# 3923
Delta R.T. 0.01 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:252 Resp: 39545

Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	10.1	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 3.894 ng/ul
RT: 24.30 min Scan# 4015
Delta R.T. 0.01 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:252 Resp: 82489

Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	10.1	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
C0AT2DL

Manual Integrations APPROVED
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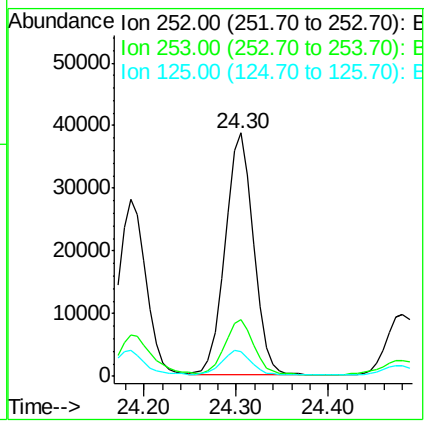
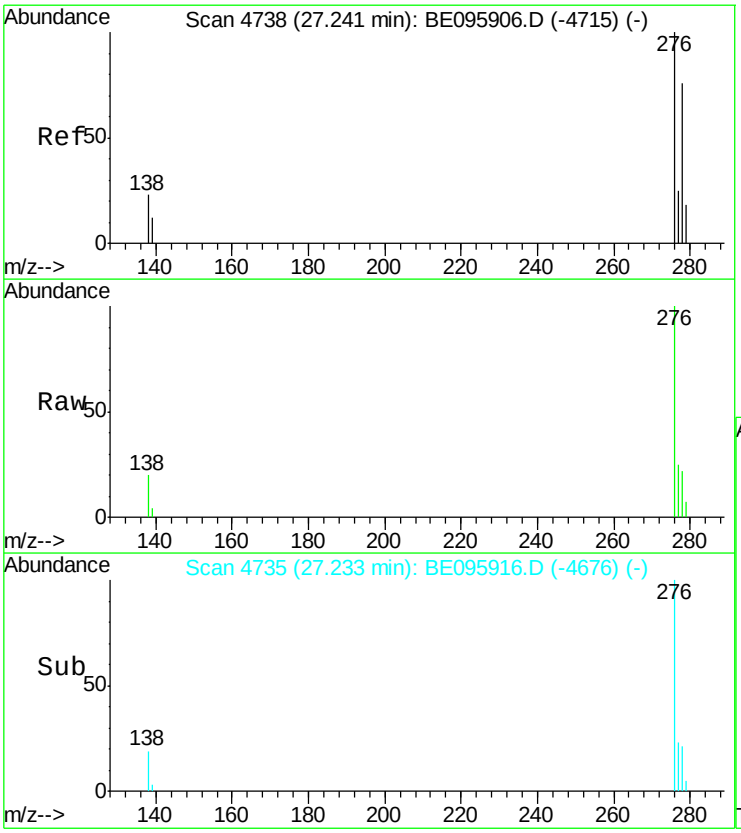
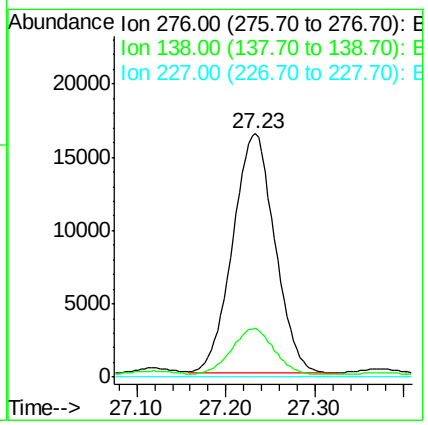


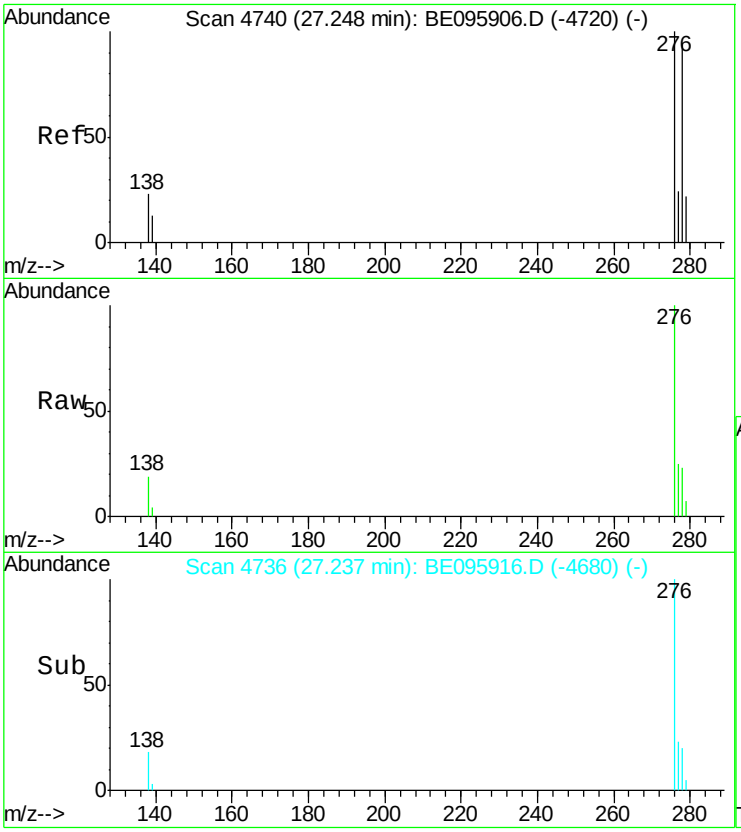


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.283 ng/ul
RT: 27.23 min Scan# 4735
Delta R.T. 0.01 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:276 Resp: 53636

Ion	Ratio	Lower	Upper
276	100		
138	19.5	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.749 ng/ul
RT: 27.24 min Scan# 4736
Delta R.T. -0.00 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:278 Resp: 14063

Ion	Ratio	Lower	Upper
278	100		
139	18.5	17.4	26.0
279	29.1	25.9	38.9

Instrument :
BNA_E
ClientSampleId :
C0AT2DL

Manual Integrations APPROVED
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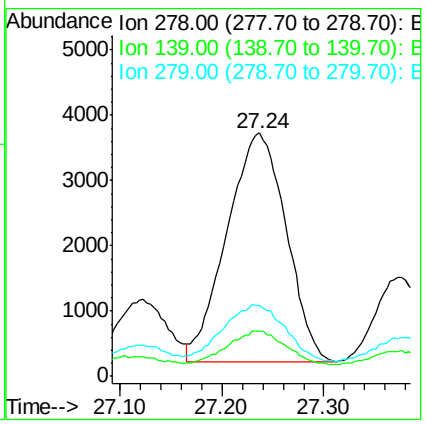

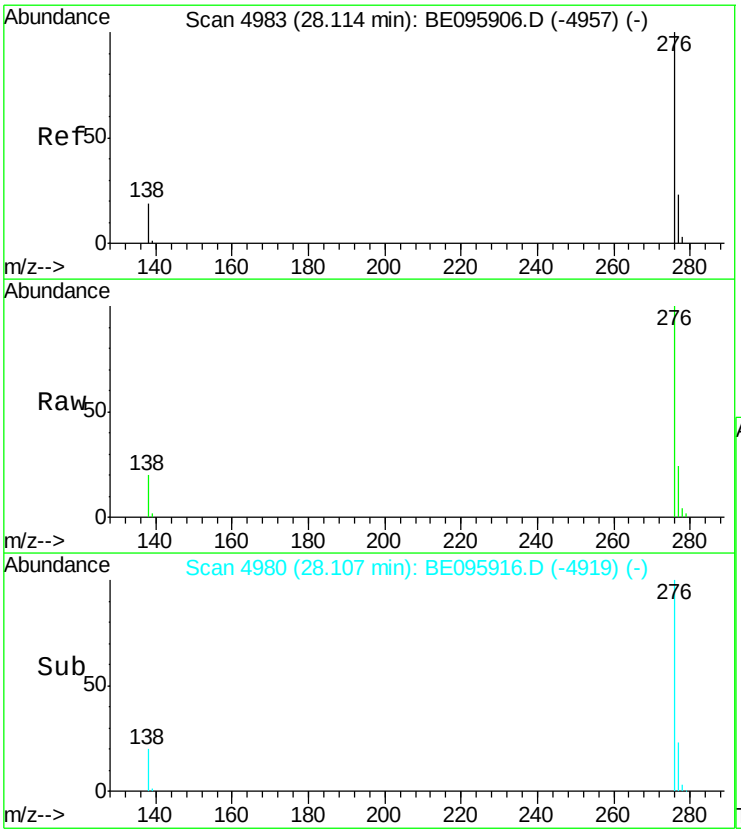

#26
Benzo(g,h,i)perylene
Concen: 2.641 ng/ul
RT: 28.11 min Scan# 4980
Delta R.T. 0.02 min
Lab File: BE095916.D
Acq: 29 Mar 2018 15:34

Tgt Ion:276 Resp: 53302

Ion	Ratio	Lower	Upper
276	100		
138	20.5	21.8	32.8#
277	24.3	20.5	30.7