Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095220.D
Acq On : 28 Jan 2018 23:07
Operator : SJ/JU
Sample : J1221-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6A65

Manual Integrations APPROVED
Sohil
1/29/2018 6:25:43 PM

Quant Time: Jan 29 08:01:16 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 06:58:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2987	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	9764	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6407	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	12918m	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	12727	0.40	ng/ul	0.00
20) Perylene-d12	24.45	264	11418m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	5425	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	13782	0.28	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.89	142	531	0.029	ng/ul	98
7) Acenaphthylene	14.75	152	3275	0.106	ng/ul#	92
8) Acenaphthene	15.08	153	547	0.023	ng/ul#	86
11) Pentachlorophenol	17.36	266	91025	36.380	ng/ul	96
12) Phenanthrene	17.75	178	32098	0.739	ng/ul#	86
13) Anthracene	17.85	178	11529	0.290	ng/ul#	93
15) Fluoranthene	19.73	202	141634	2.518	ng/ul	82
17) Pyrene	20.08	202	120844	2.830	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	36627	0.920	ng/ul#	90
19) Chrysene	21.84	228	49539	1.199	ng/ul#	91
21) Benzo(b)fluoranthene	23.63	252	76946m	1.910	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	21744m	0.590	ng/ul	
23) Benzo(a)pyrene	24.33	252	17946m	0.499	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	18516m	0.469	ng/ul	
25) Dibenzo(a,h)anthracene	27.27	278	4057m	0.126	ng/ul	
26) Benzo(g,h,i)perylene	28.14	276	14658m	0.439	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
Data File : BE095220.D
Acq On : 28 Jan 2018 23:07
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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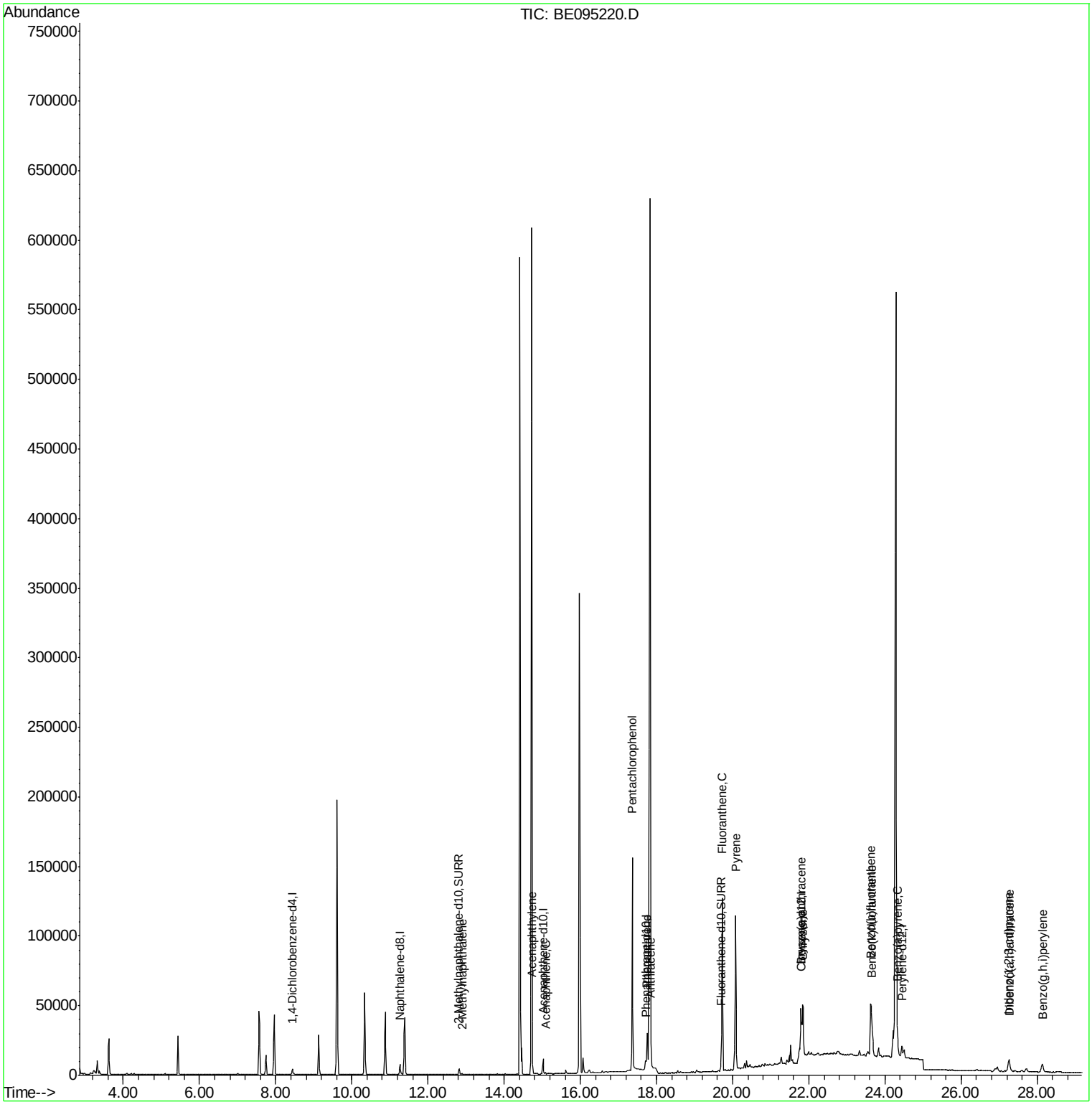

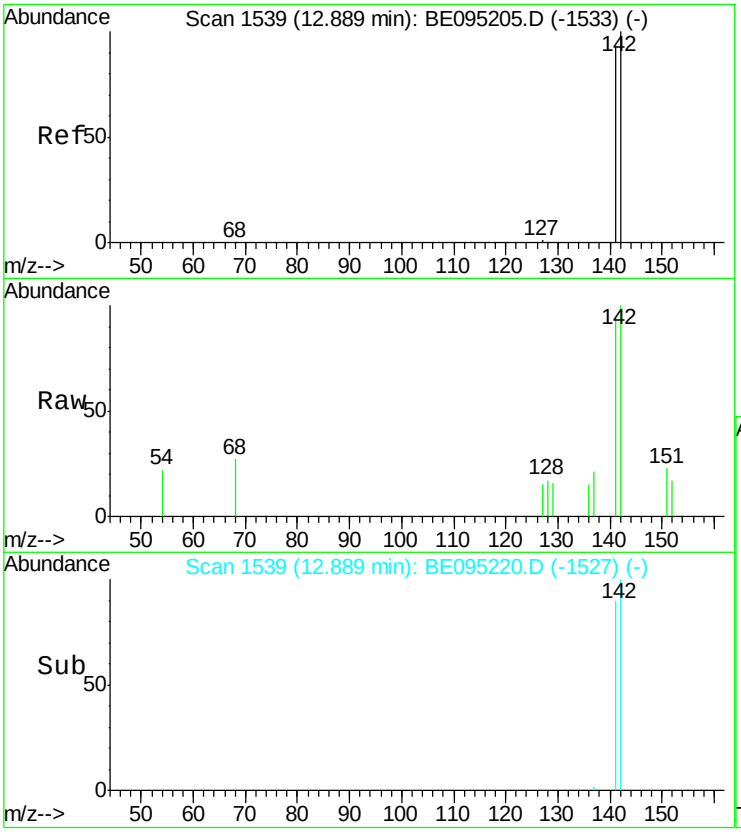

#5
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:142 Resp: 531

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8

Instrument :
BNA_E
ClientSampleId :
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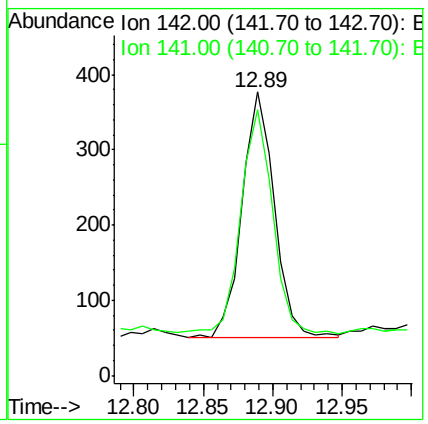
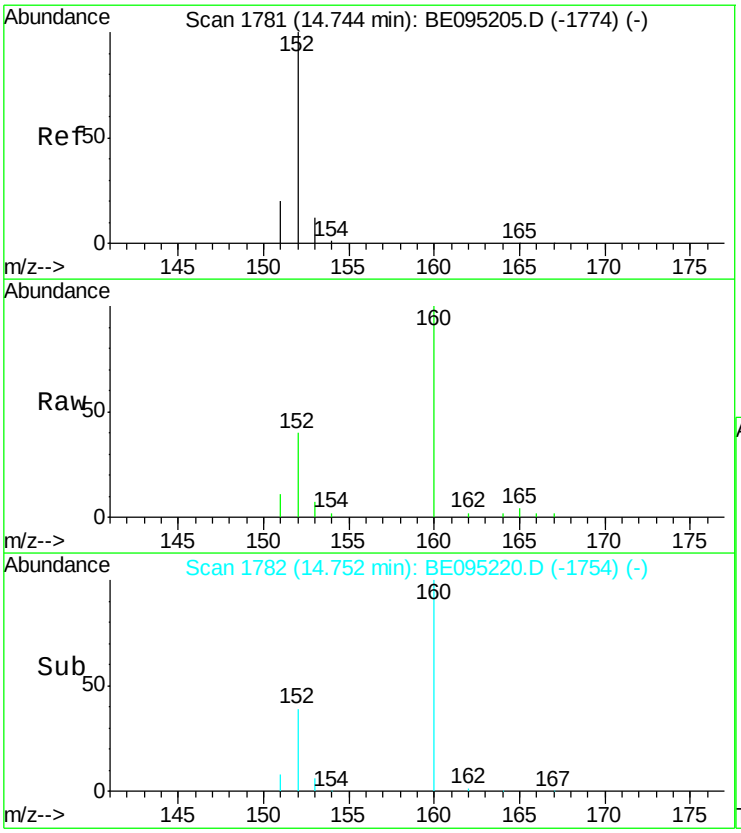
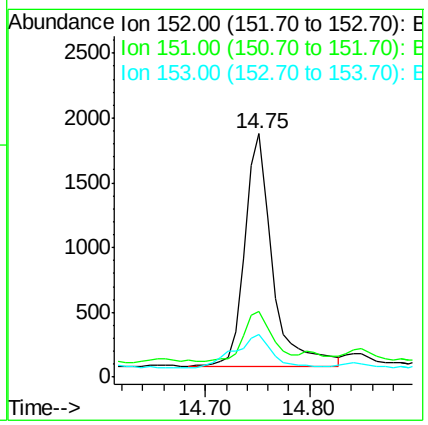


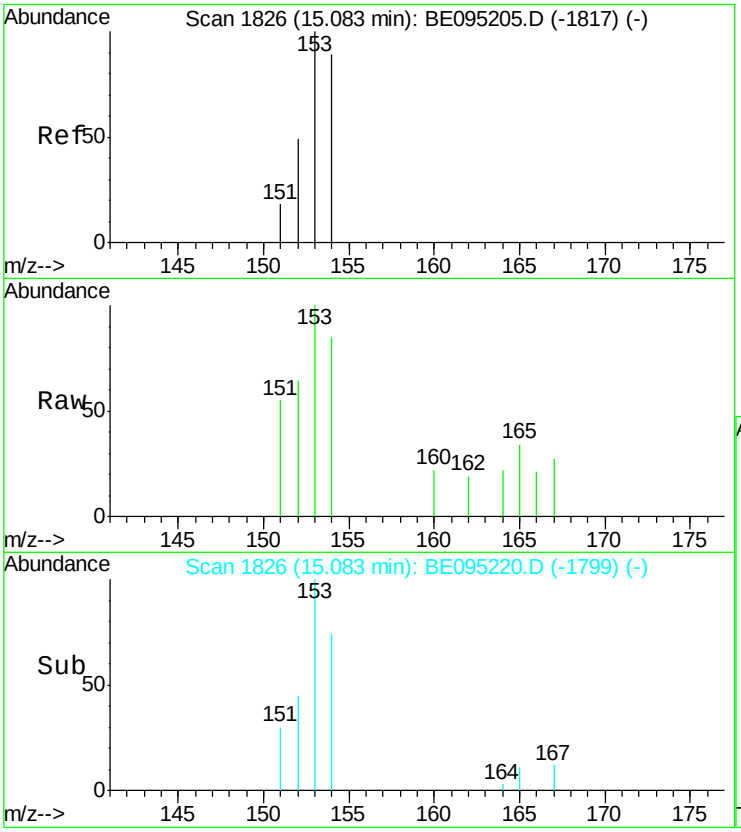


#7
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.75 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:152 Resp: 3275

Ion	Ratio	Lower	Upper
152	100		
151	26.8	17.1	25.7#
153	17.5	12.8	19.2

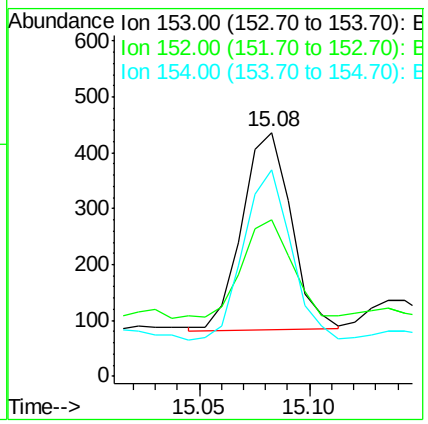




#8
Acenaphthene
Concen: 0.023 ng/ul
RT: 15.08 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:153 Resp: 547

Ion	Ratio	Lower	Upper
153	100		
152	64.4	36.0	54.0#
154	84.6	72.0	108.0



Instrument :
BNA_E
ClientSampleId :
F6A65

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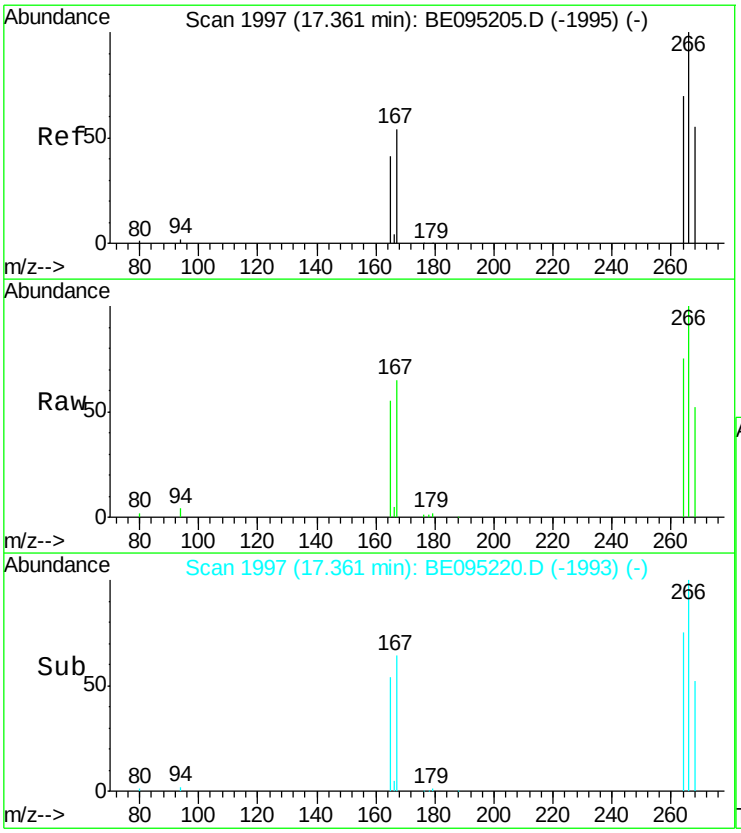
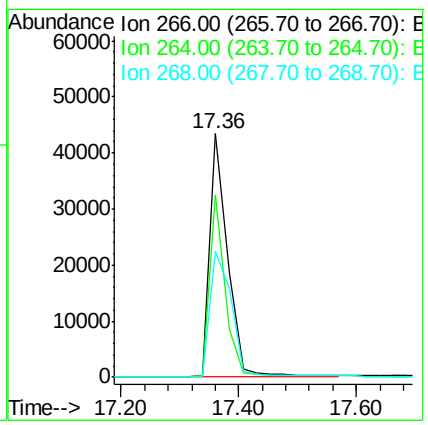
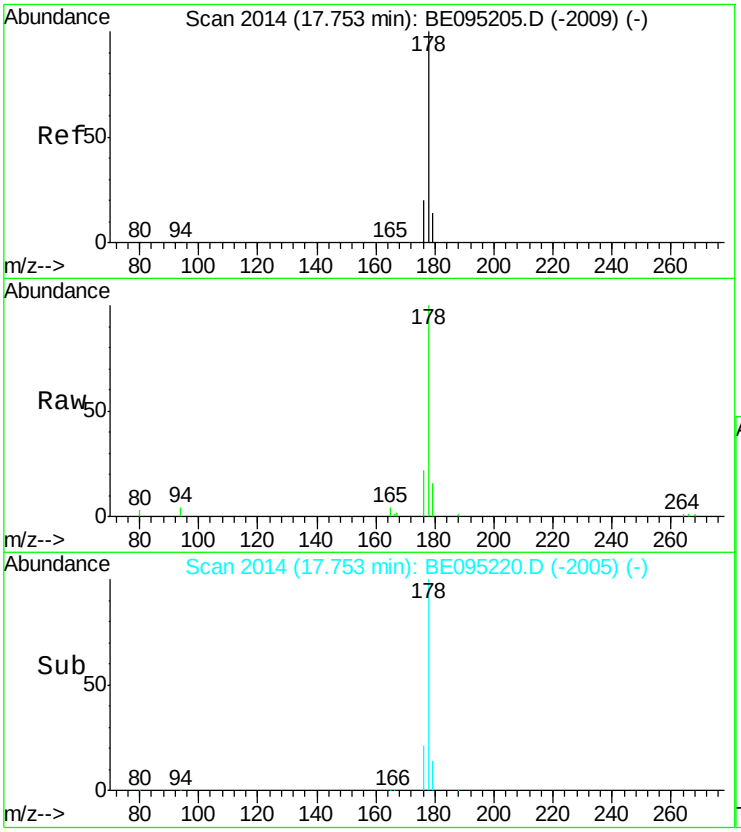


#11
Pentachlorophenol
Concen: 36.380 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:266 Resp: 91025

Ion	Ratio	Lower	Upper
266	100		
264	66.1	47.9	71.9
268	61.8	49.8	74.8





#12
Phenanthrene
Concen: 0.739 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:178 Resp: 32098

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	22.3	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
F6A65

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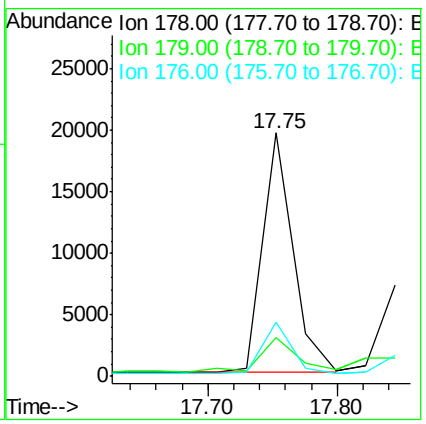
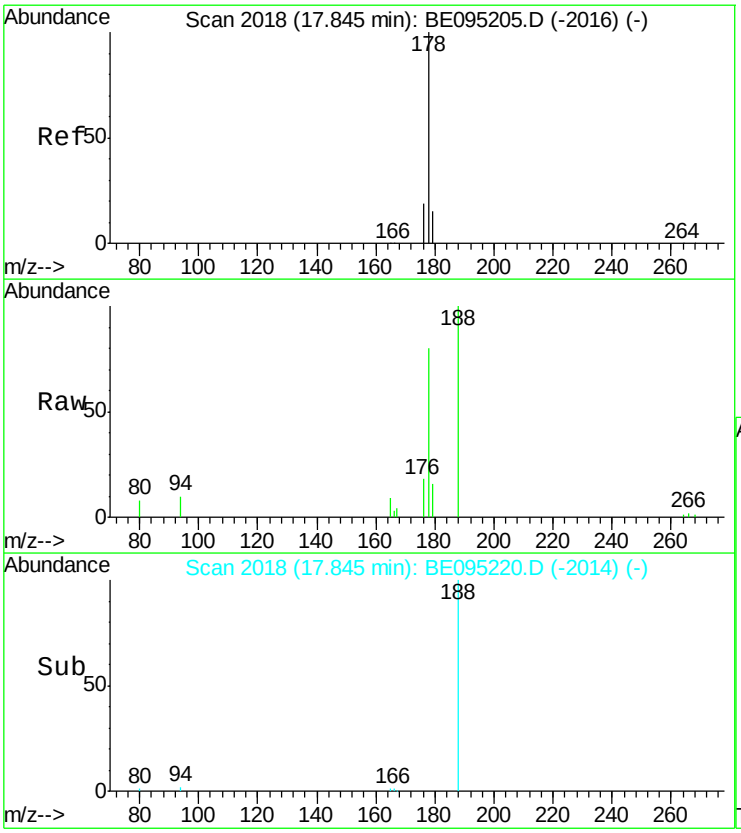
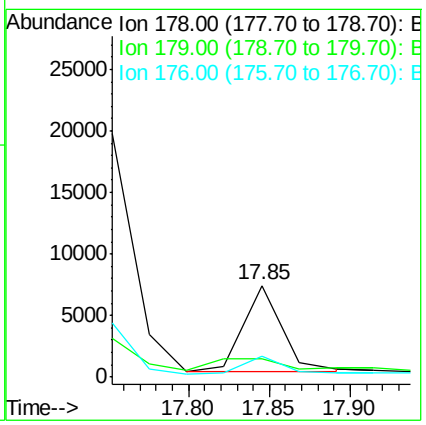


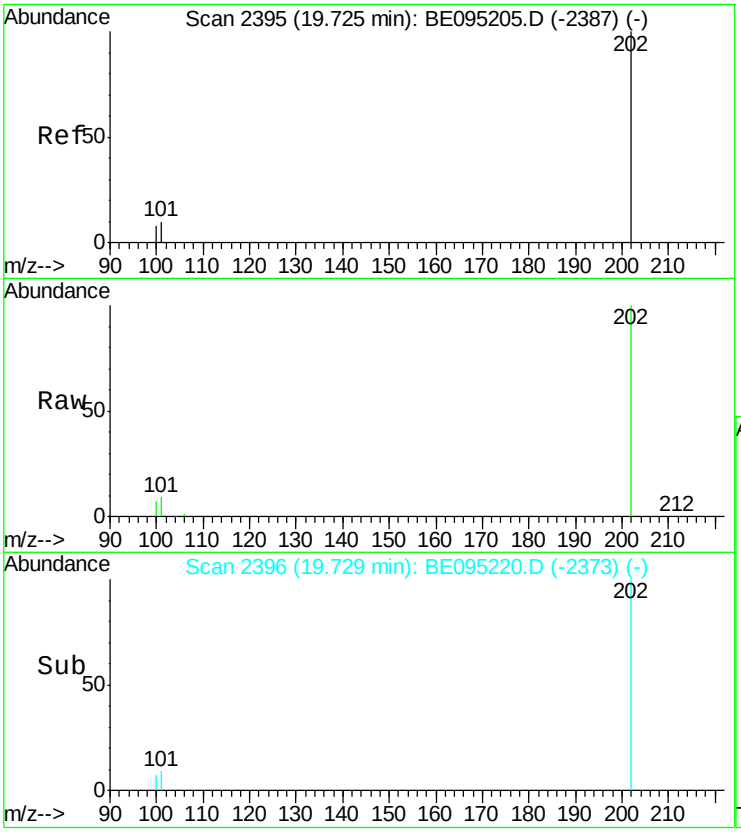


#13
Anthracene
Concen: 0.290 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:178 Resp: 11529

Ion	Ratio	Lower	Upper
178	100		
179	19.6	18.1	27.1
176	22.4	14.7	22.1#

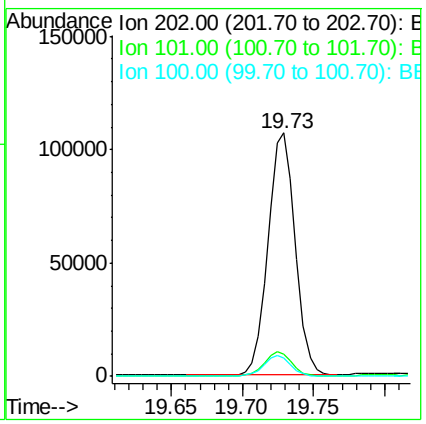




#15
Fluoranthene
Concen: 2.518 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:202 Resp: 141634

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.3
100	7.5	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F6A65

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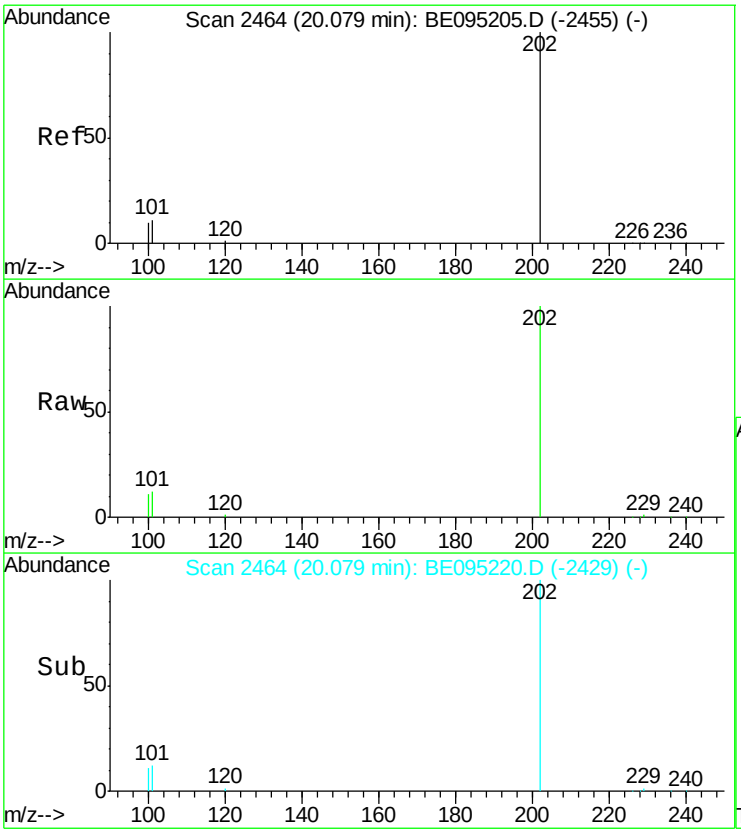
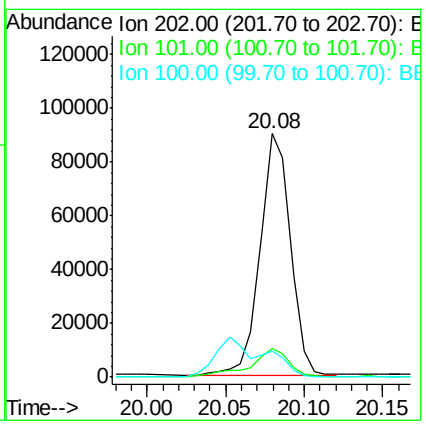
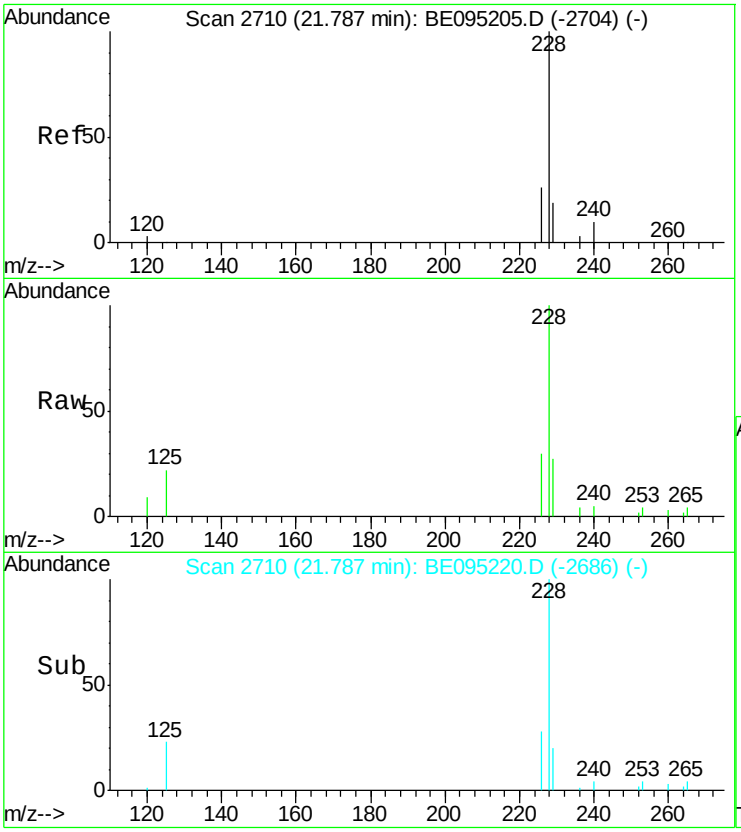


#17
Pyrene
Concen: 2.830 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:202 Resp: 120844

Ion	Ratio	Lower	Upper
202	100		
101	12.0	18.2	27.4#
100	10.9	15.6	23.4#

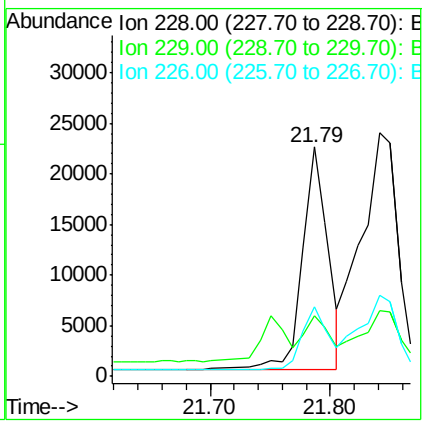




#18
Benzo(a)anthracene
Concen: 0.920 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:228 Resp: 36627

Ion	Ratio	Lower	Upper
228	100		
229	26.6	22.8	34.2
226	30.1	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
F6A65

Manual Integrations APPROVED
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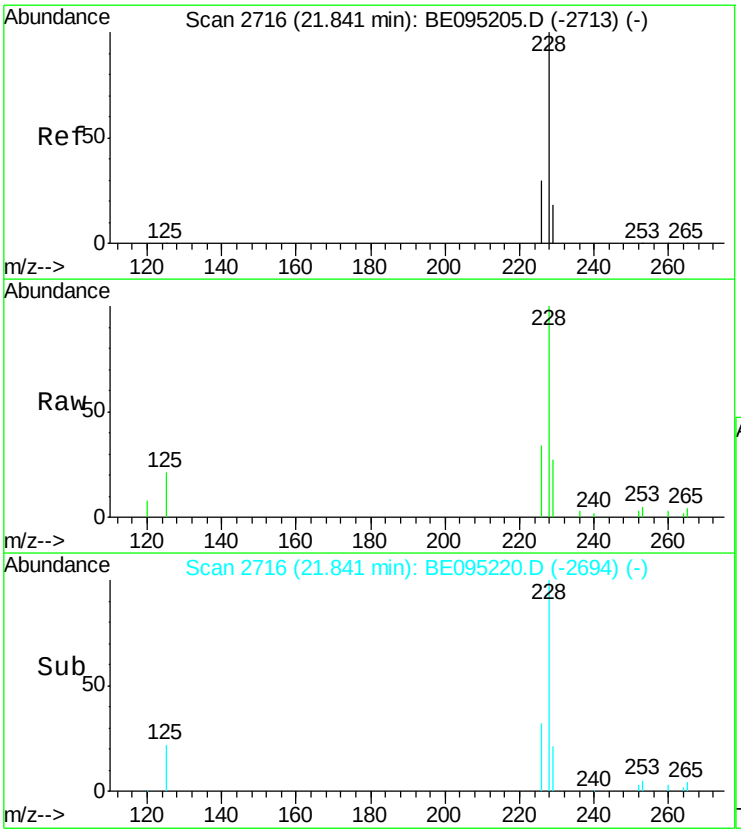
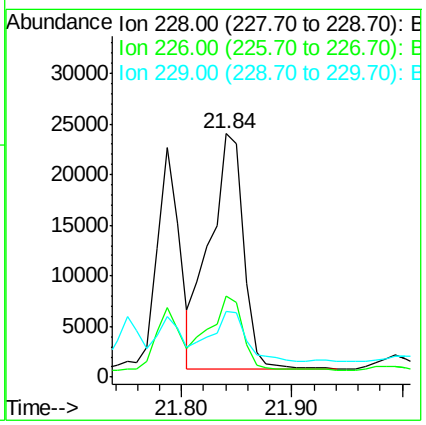
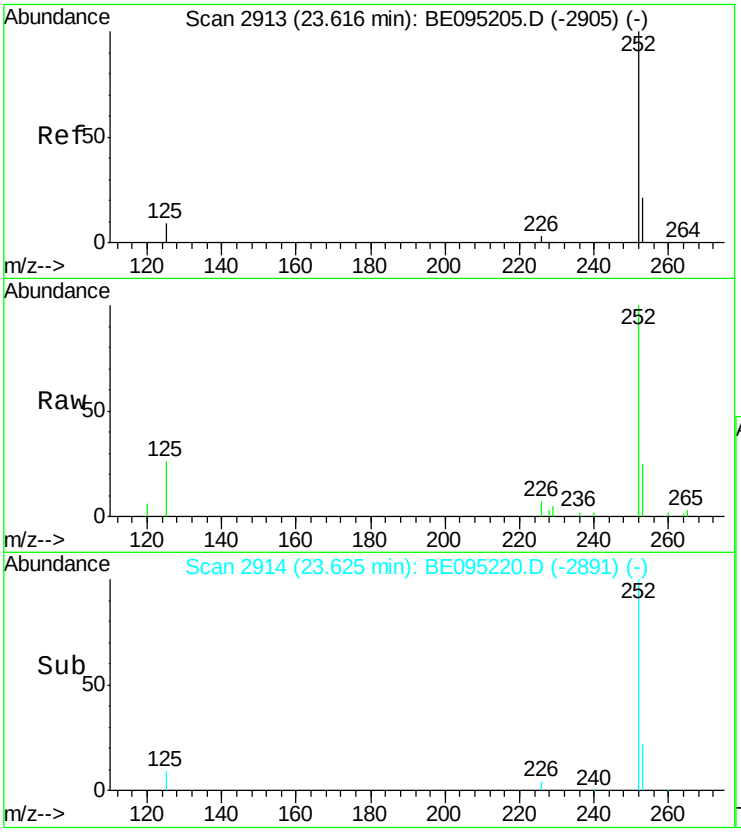


#19
Chrysene
Concen: 1.199 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:228 Resp: 49539

Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.0
229	26.7	17.7	26.5#

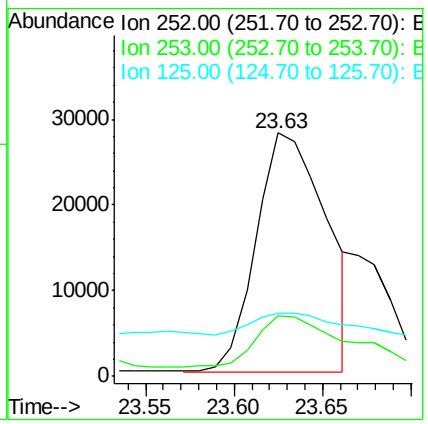




#21
Benzo(b)fluoranthene
Concen: 1.910 ng/ul m
RT: 23.63 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:252 Resp: 76946

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	64.2
125	25.9	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
F6A65

Manual Integrations APPROVED
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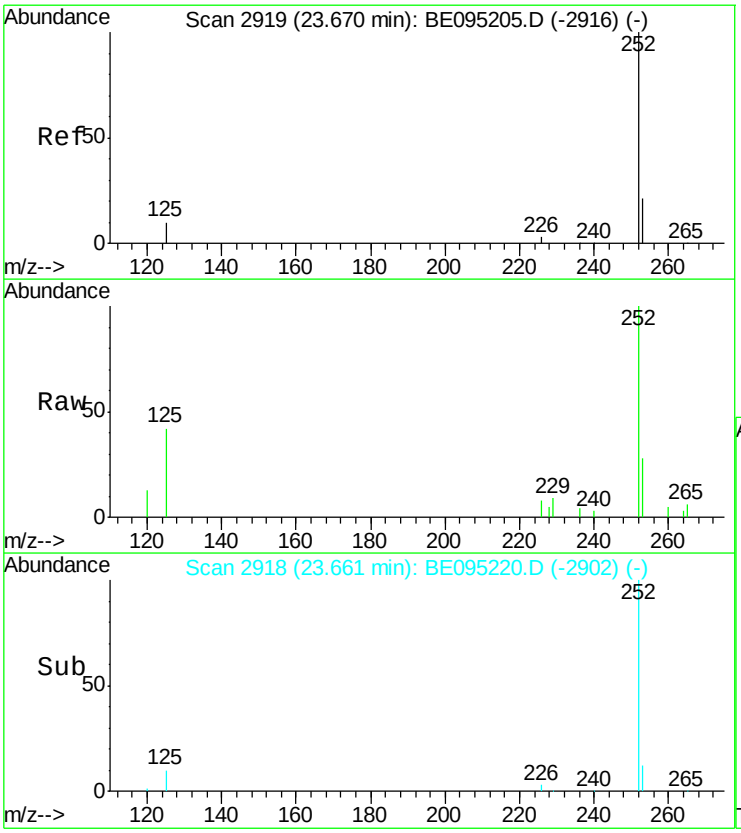
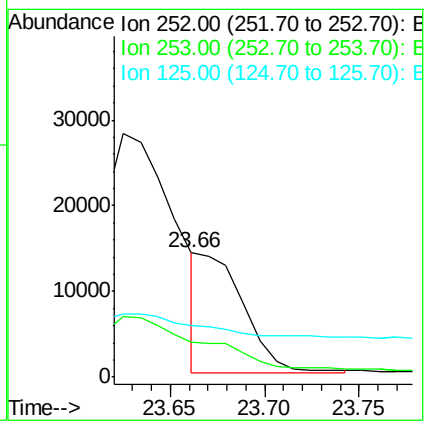
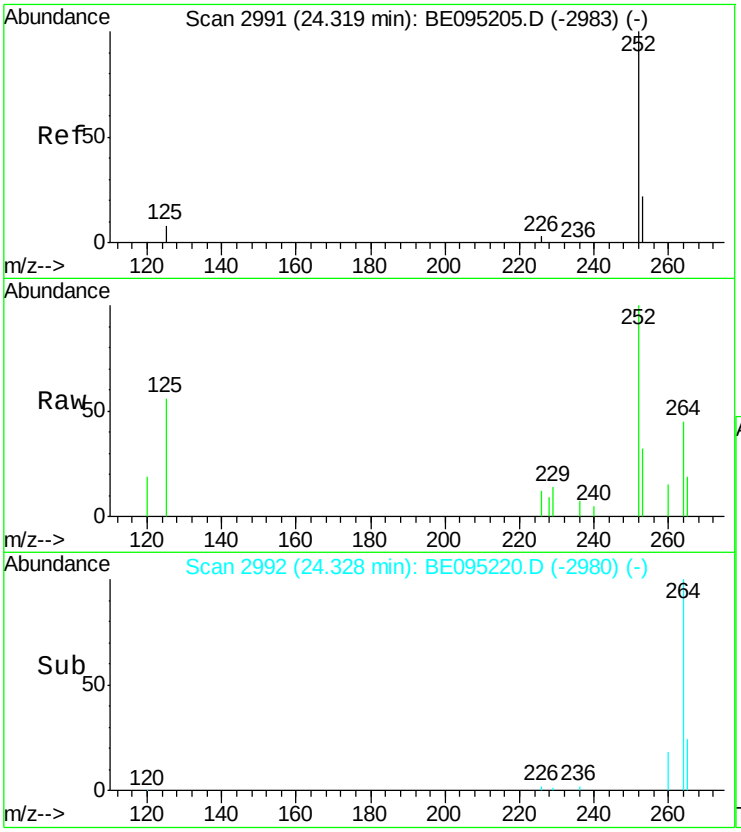


#22
Benzo(k)fluoranthene
Concen: 0.590 ng/ul m
RT: 23.66 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:252 Resp: 21744

Ion	Ratio	Lower	Upper
252	100		
253	28.5	24.5	36.7
125	41.8	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.499 ng/ul m
RT: 24.33 min Scan# 2992
Delta R.T. 0.01 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:252 Resp: 17946

Ion	Ratio	Lower	Upper
252	100		
253	31.5	28.5	42.7
125	55.6	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
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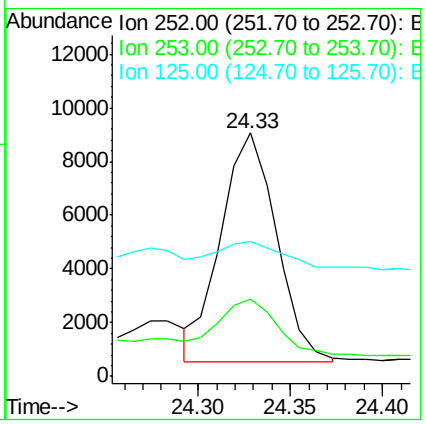
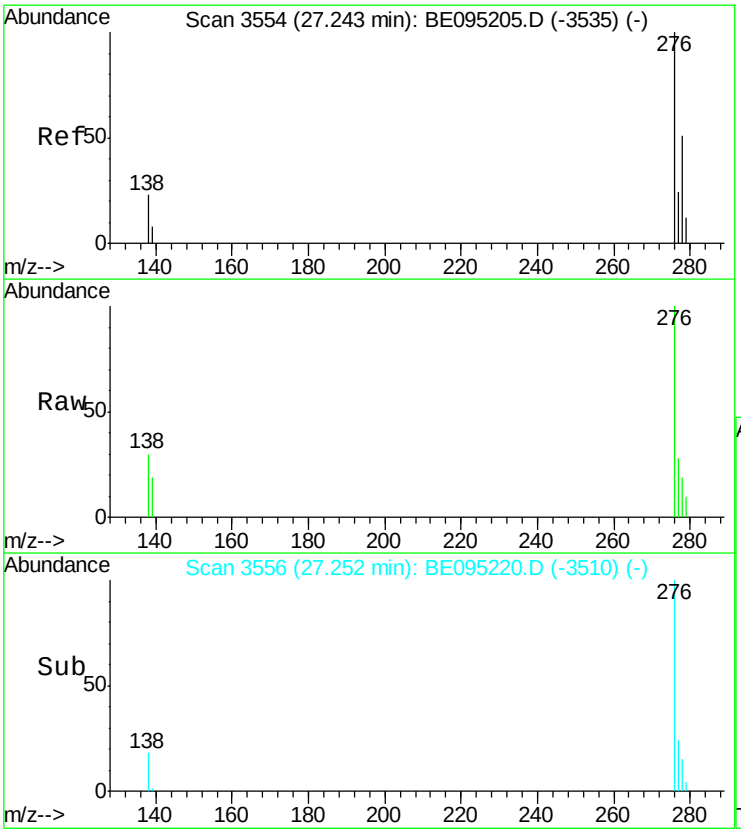
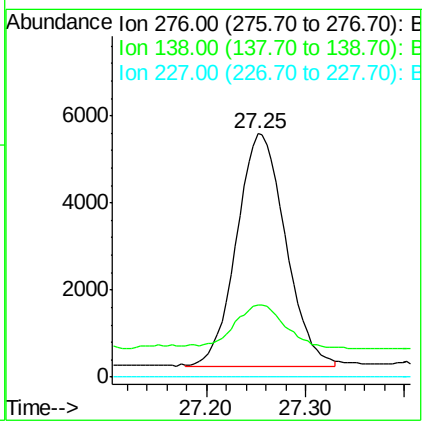


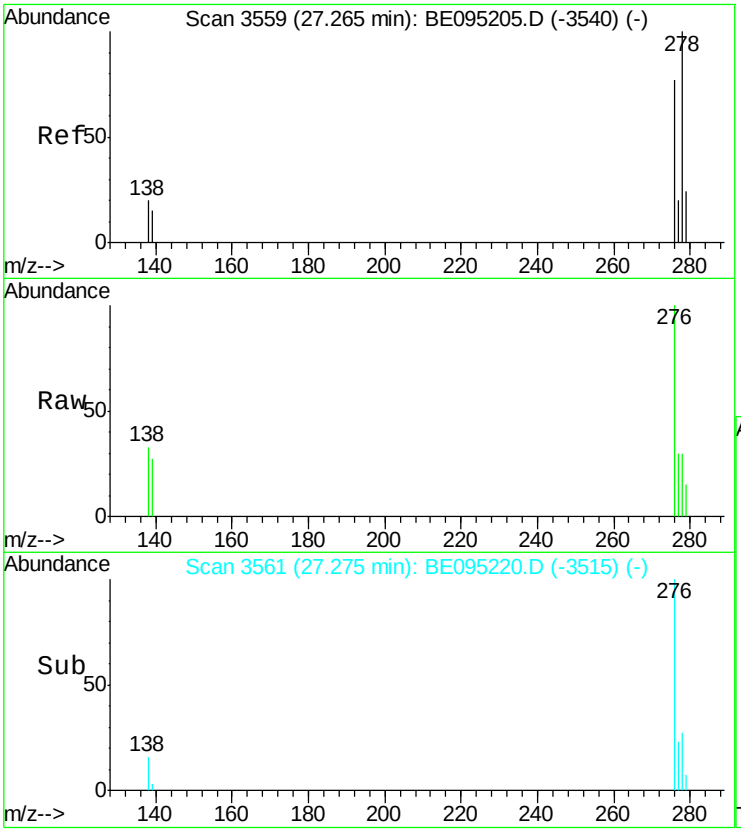


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.469 ng/ul m
RT: 27.25 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:276 Resp: 18516

Ion	Ratio	Lower	Upper
276	100		
138	0.3	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.126 ng/ul m
RT: 27.27 min Scan# 3561
Delta R.T. 0.01 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:278 Resp: 4057

Ion	Ratio	Lower	Upper
278	100		
139	89.4	17.4	26.0#
279	48.5	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
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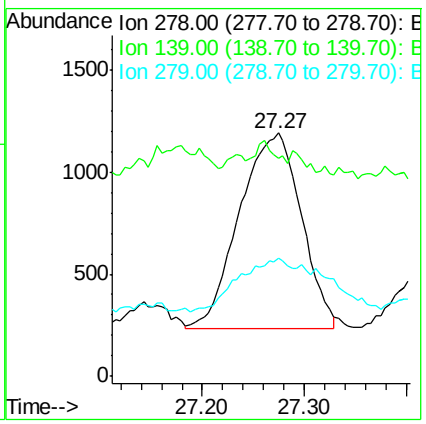

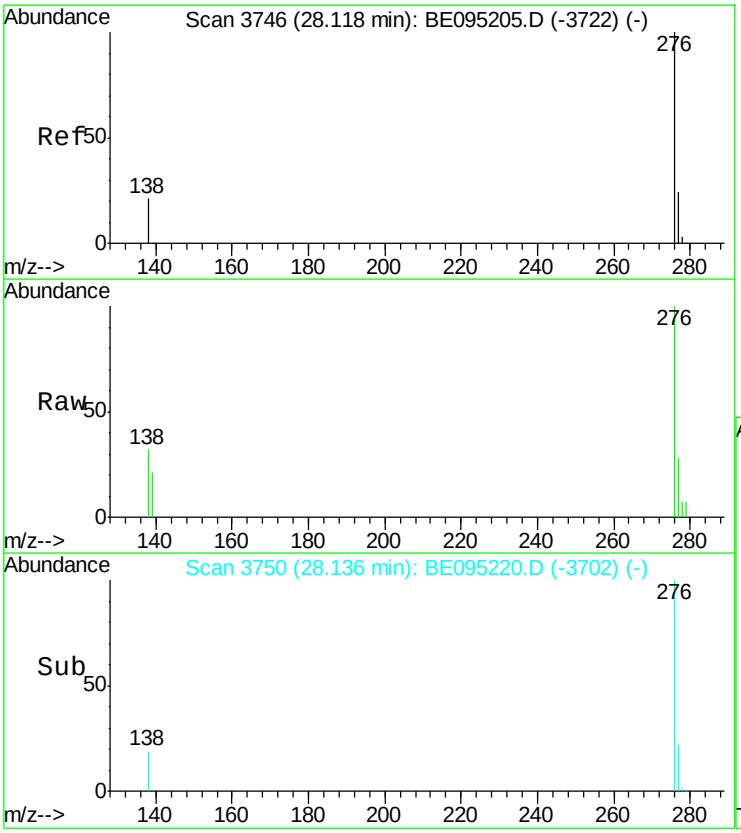

#26
Benzo(g,h,i)perylene
Concen: 0.439 ng/ul m
RT: 28.14 min Scan# 3750
Delta R.T. 0.02 min
Lab File: BE095220.D
Acq: 28 Jan 2018 23:07

Tgt Ion:276 Resp: 14658

Ion	Ratio	Lower	Upper
276	100		
138	31.7	21.8	32.8
277	28.2	20.5	30.7