Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082918\
Data File : BE097394.D
Acq On : 29 Aug 2018 18:00
Operator : SJ/JU
Sample : J4596-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z29MSD

Manual Integrations APPROVED
Sohil
8/30/2018 5:36:48 PM

Quant Time: Aug 29 18:46:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 29 13:18:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	927	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4743	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2941	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8262	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10235	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10167	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1292	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	5029	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	291	0.025	ng/ul#	64
8) Acenaphthene	14.07	153	1460	0.158	ng/ul	95
11) Pentachlorophenol	16.44	266	62	0.076	ng/ul	98
12) Phenanthrene	16.80	178	1540	0.072	ng/ul#	92
13) Anthracene	16.90	178	599	0.033	ng/ul#	81
15) Fluoranthene	18.83	202	2483	0.091	ng/ul	84
17) Pyrene	19.20	202	7664	0.278	ng/ul#	81
18) Benzo(a)anthracene	20.95	228	1631	0.062	ng/ul#	77
19) Chrysene	21.01	228	3201	0.106	ng/ul#	81
21) Benzo(b)fluoranthene	22.53	252	3301m	0.121	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	1733m	0.057	ng/ul	
23) Benzo(a)pyrene	23.10	252	1353	0.054	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.49	276	1561	0.048	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.51	278	821	0.030	ng/ul#	41
26) Benzo(g,h,i)perylene	26.19	276	1638	0.059	ng/ul#	84

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082918\
Data File : BE097394.D
Acq On : 29 Aug 2018 18:00
Operator : SJ/JU
Sample : J4596-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 29 18:46:41 2018
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Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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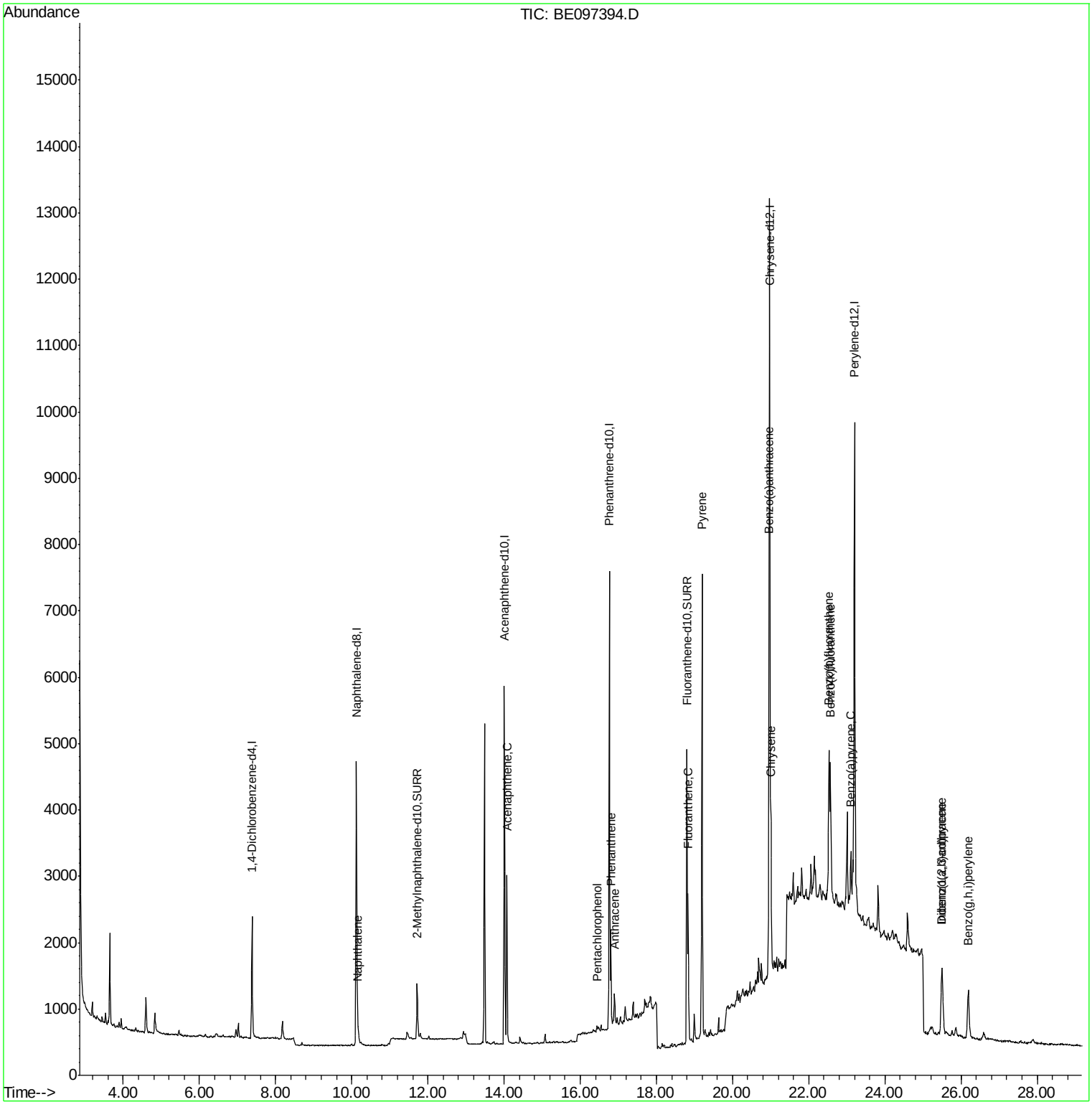
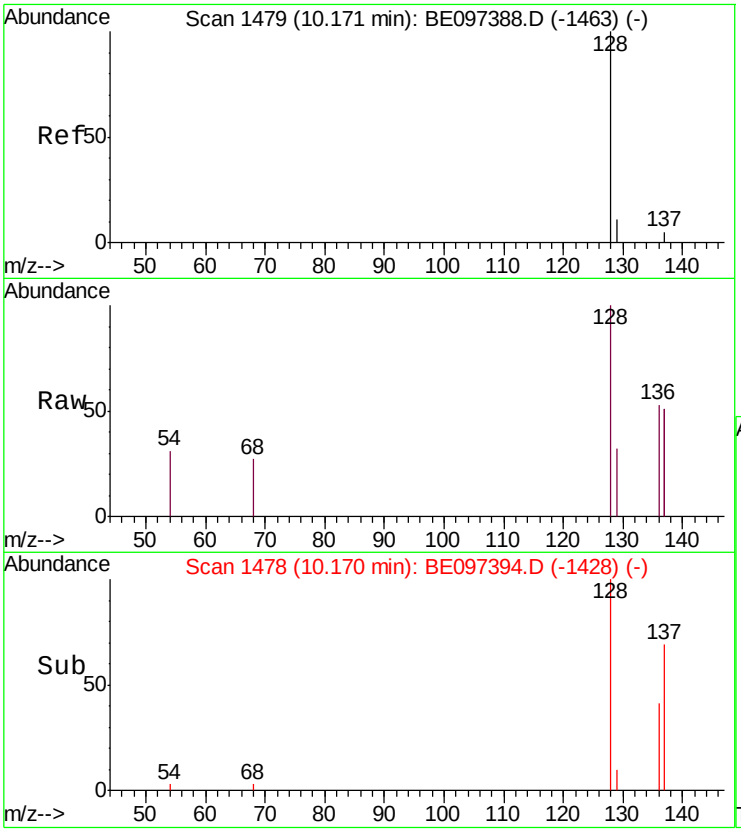
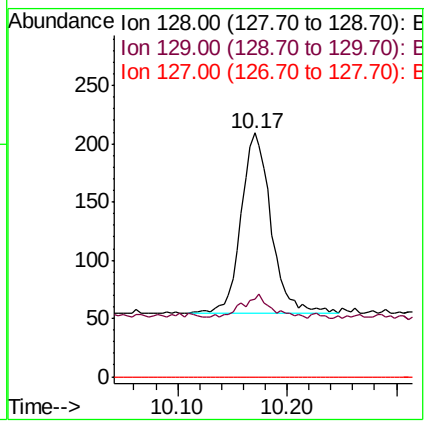




#3
Naphthalene
Concen: 0.025 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:128 Resp: 291

Ion	Ratio	Lower	Upper
128	100		
129	32.1	11.3	16.9#
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
A3Z29MSD

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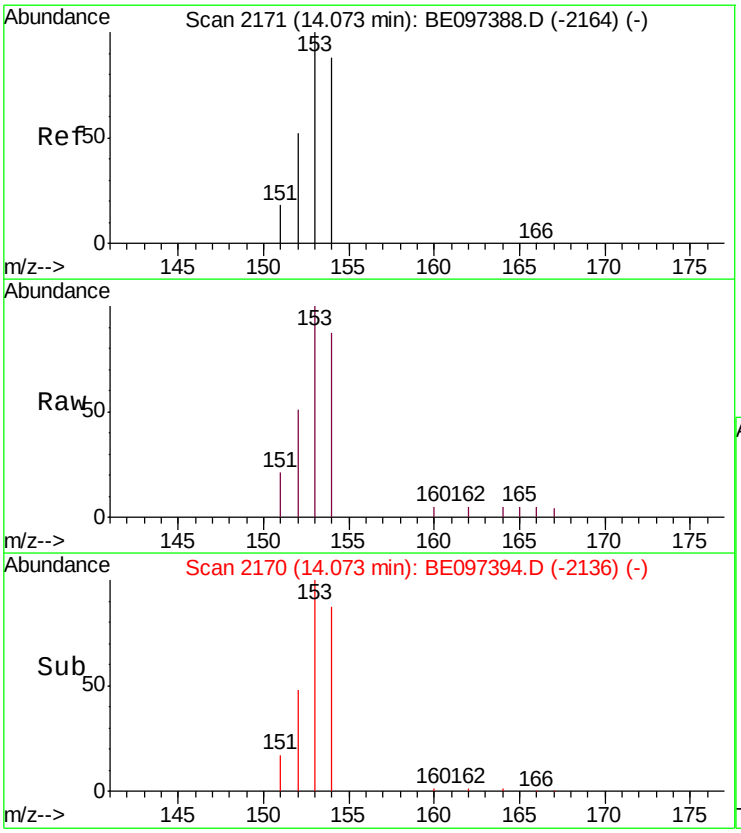
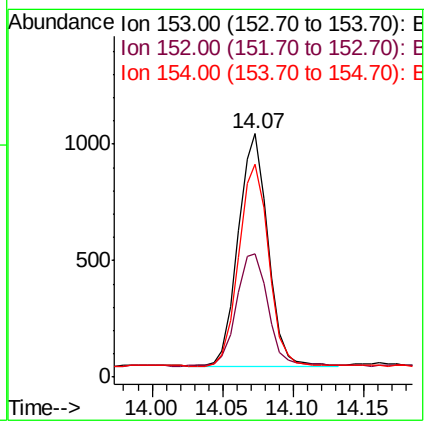
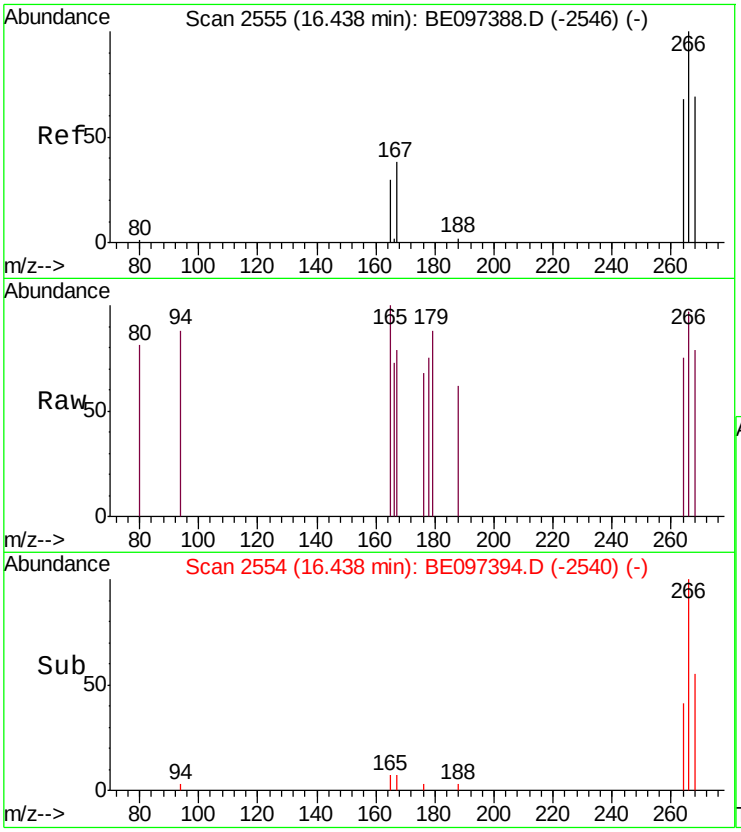


#8
Acenaphthene
Concen: 0.158 ng/ul
RT: 14.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:153 Resp: 1460

Ion	Ratio	Lower	Upper
153	100		
152	50.6	36.0	54.0
154	87.4	72.0	108.0

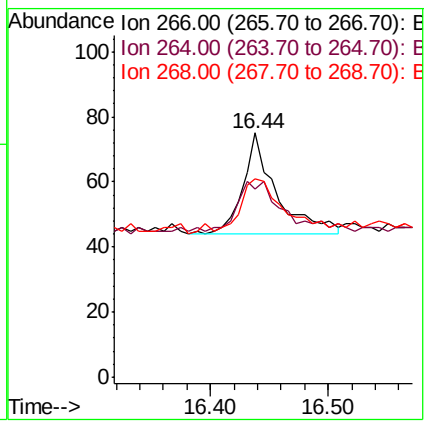




#11
Pentachlorophenol
Concen: 0.076 ng/ul
RT: 16.44 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:266 Resp: 62

Ion	Ratio	Lower	Upper
266	100		
264	61.3	47.9	71.9
268	61.3	49.8	74.8



Instrument :
BNA_E
ClientSampleId :
A3Z29MSD

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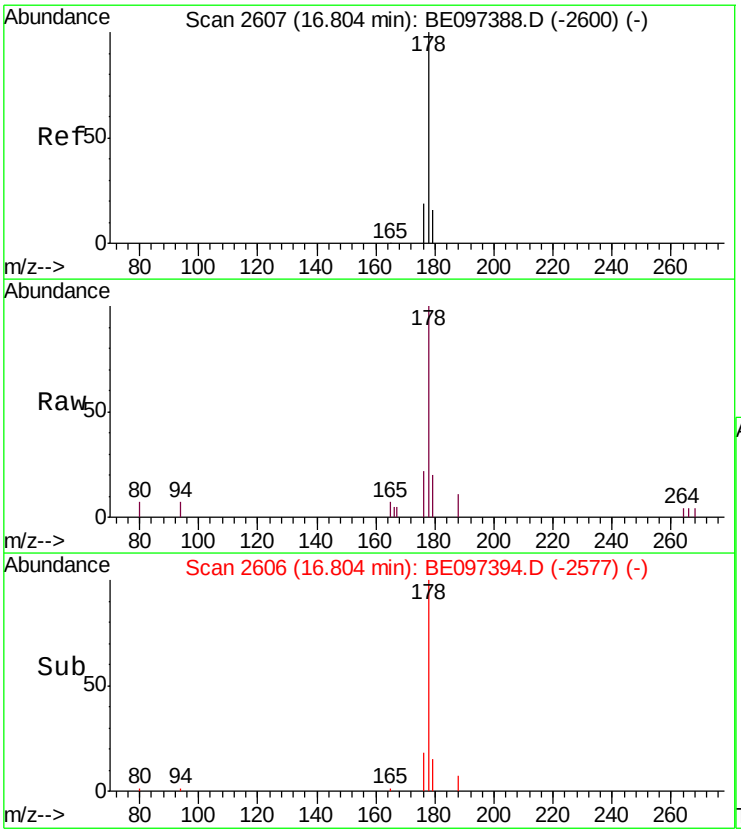
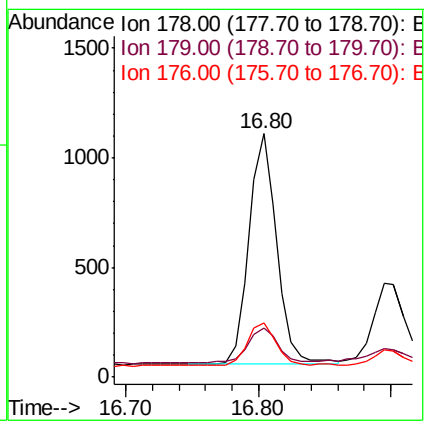
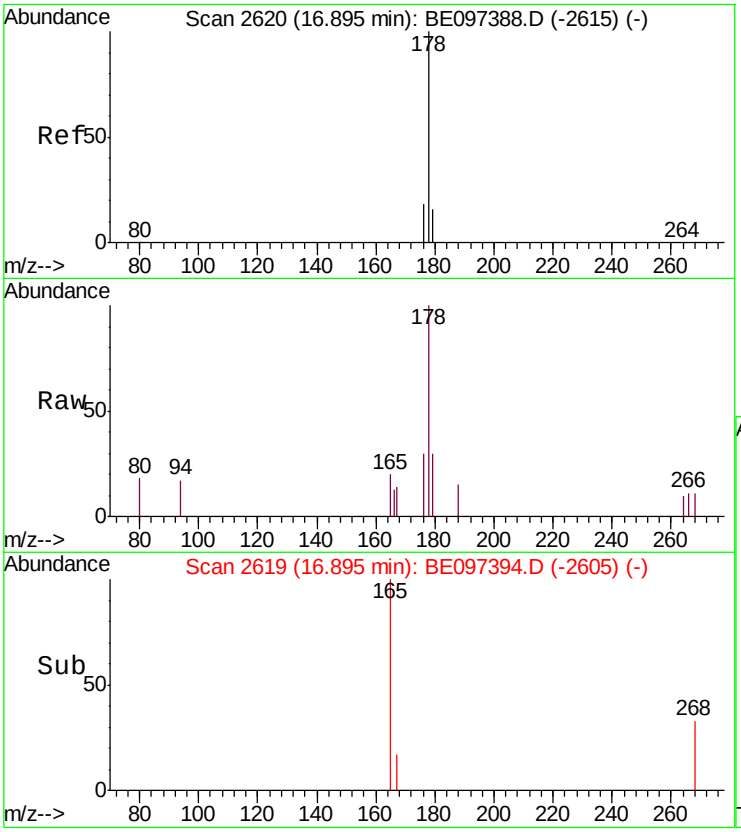


#12
Phenanthrene
Concen: 0.072 ng/ul
RT: 16.80 min Scan# 2606
Delta R.T. 0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:178 Resp: 1540

Ion	Ratio	Lower	Upper
178	100		
179	20.3	18.4	27.6
176	22.2	13.6	20.4#





#13
Anthracene
Concen: 0.033 ng/ul
RT: 16.90 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:178 Resp: 599

Ion	Ratio	Lower	Upper
178	100		
179	29.8	18.1	27.1#
176	29.5	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
A3Z29MSD

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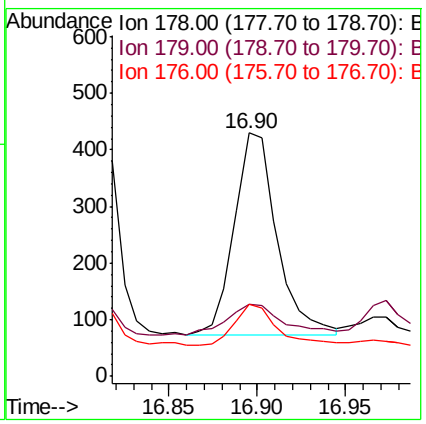
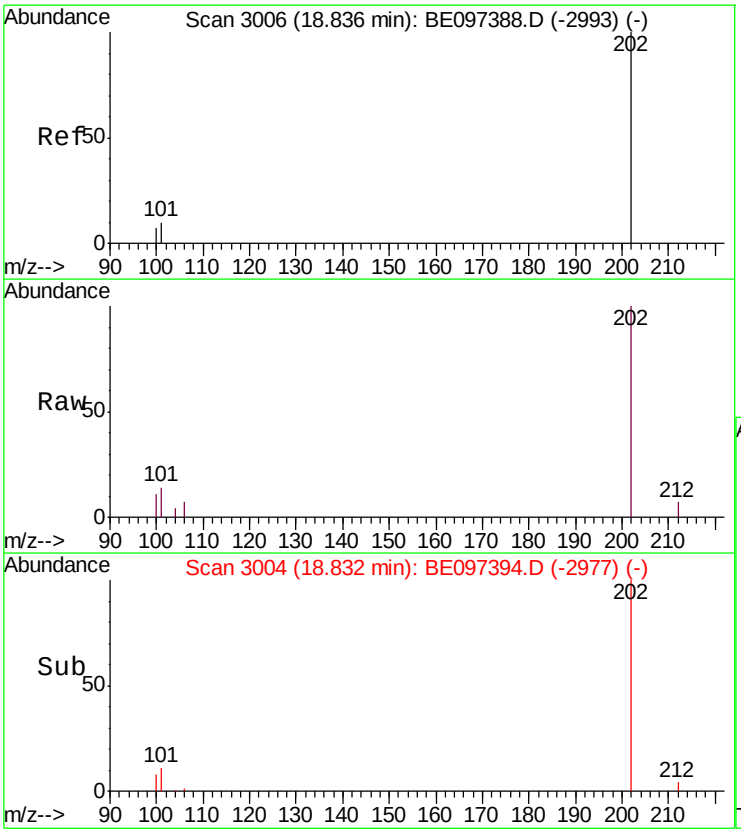
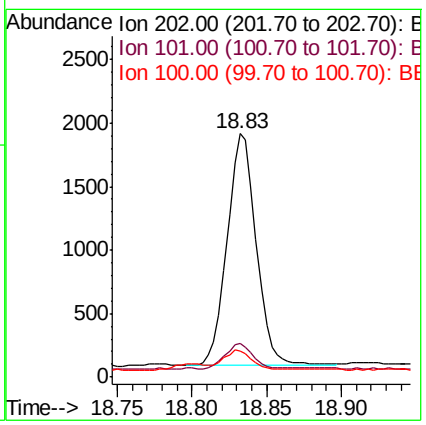


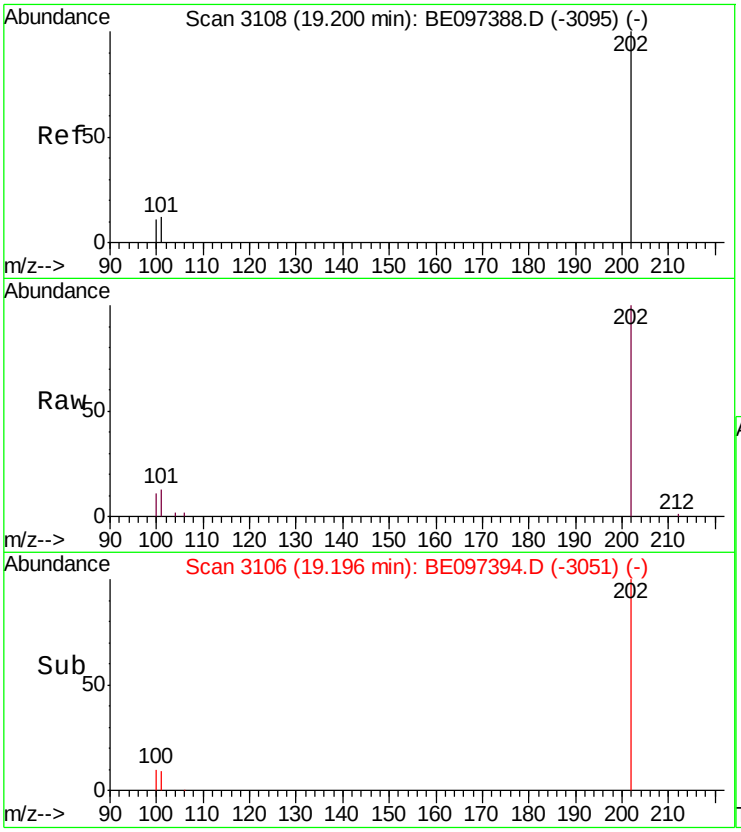


#15
Fluoranthene
Concen: 0.091 ng/ul
RT: 18.83 min Scan# 3004
Delta R.T. -0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:202 Resp: 2483

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	30.3
100	10.7	0.0	39.5





#17
Pyrene
Concen: 0.278 ng/ul
RT: 19.20 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:202 Resp: 7664

Ion	Ratio	Lower	Upper
202	100		
101	13.4	18.2	27.4#
100	11.3	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3Z29MSD

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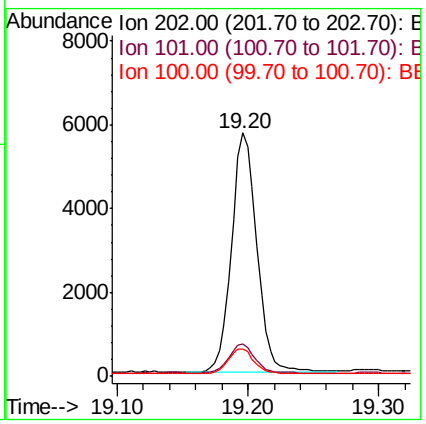
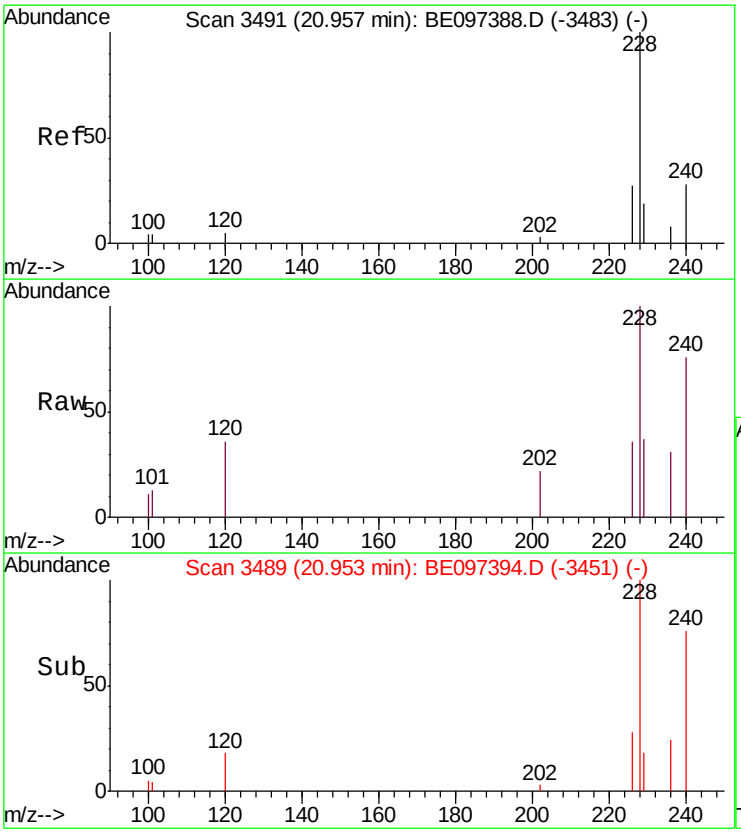
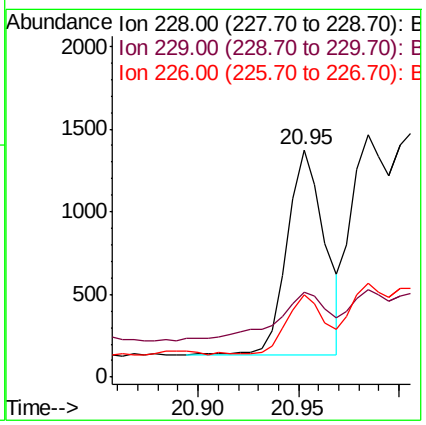


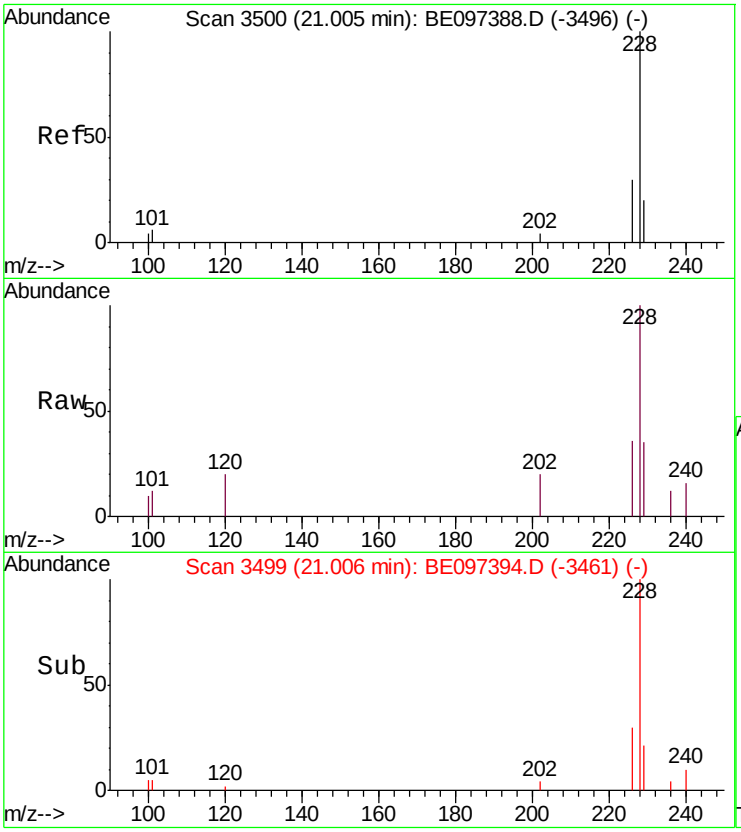


#18
Benzo(a)anthracene
Concen: 0.062 ng/ul
RT: 20.95 min Scan# 3489
Delta R.T. 0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:228 Resp: 1631

Ion	Ratio	Lower	Upper
228	100		
229	37.4	22.8	34.2#
226	36.2	17.0	25.6#





#19
Chrysene
Concen: 0.106 ng/ul
RT: 21.01 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:228 Resp: 3201

Ion	Ratio	Lower	Upper
228	100		
226	36.3	23.4	35.0#
229	34.5	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
A3Z29MSD

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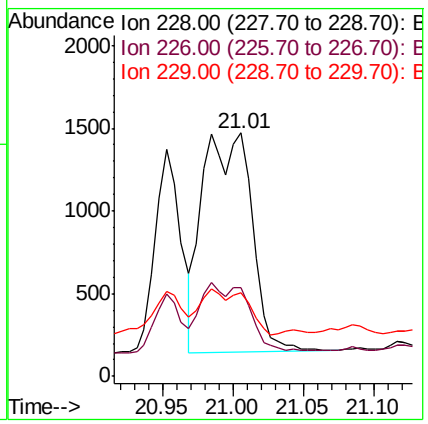
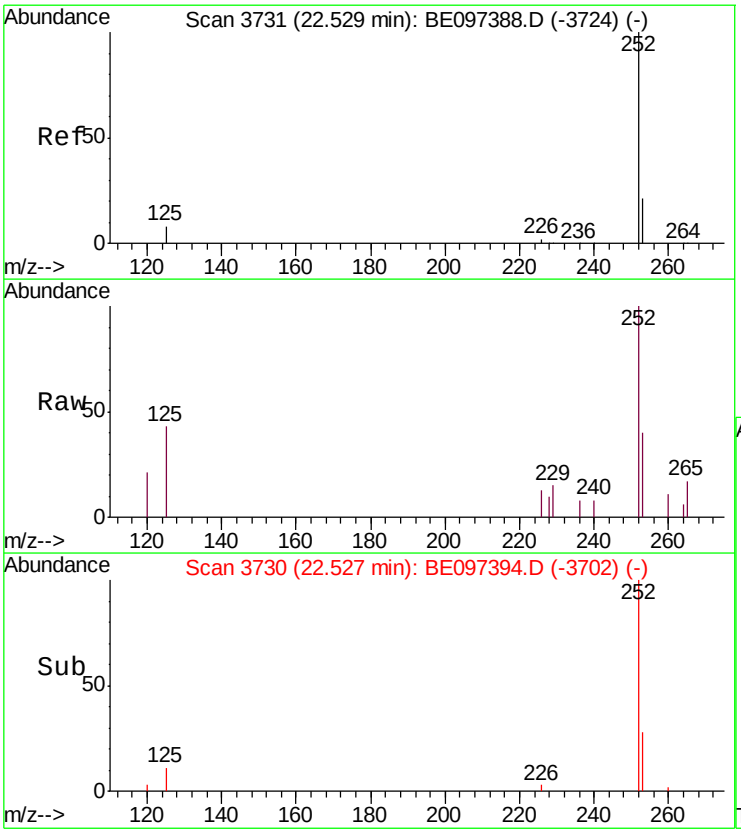
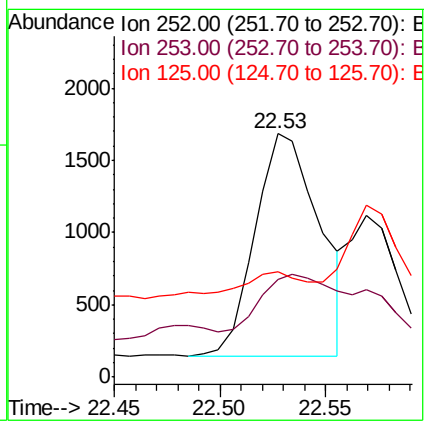


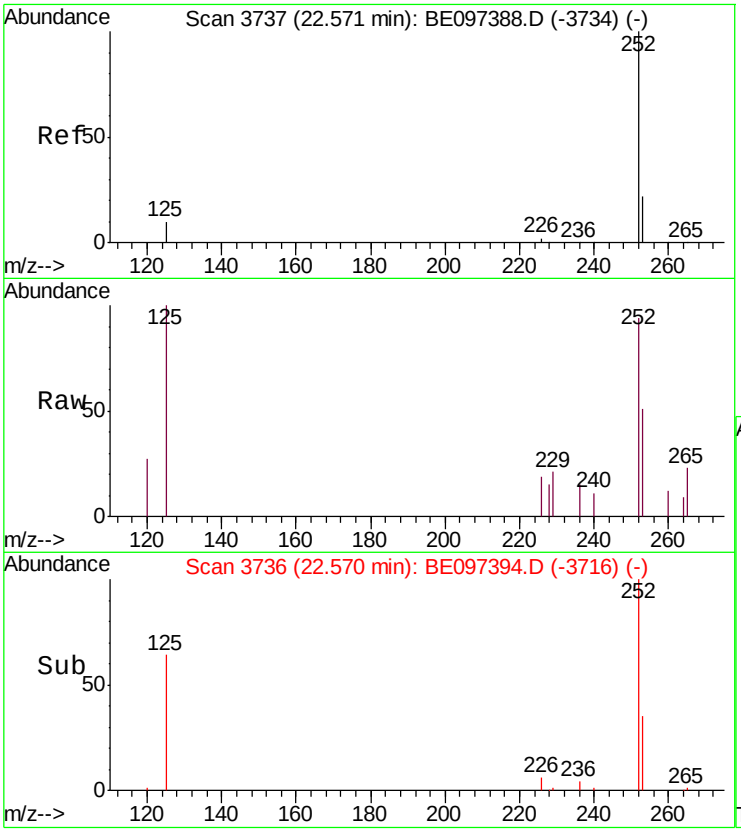


#21
Benzo(b)fluoranthene
Concen: 0.121 ng/ul m
RT: 22.53 min Scan# 3730
Delta R.T. -0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:252 Resp: 3301

Ion	Ratio	Lower	Upper
252	100		
253	40.1	0.0	64.2
125	43.3	0.0	35.0#

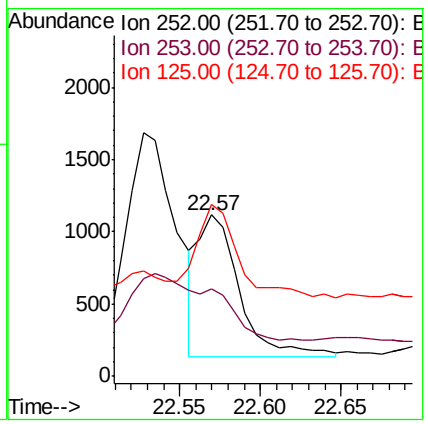




#22
Benzo(k)fluoranthene
Concen: 0.057 ng/ul m
RT: 22.57 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:252 Resp: 1733

Ion	Ratio	Lower	Upper
252	100		
253	54.3	24.5	36.7#
125	106.9	13.7	20.5#



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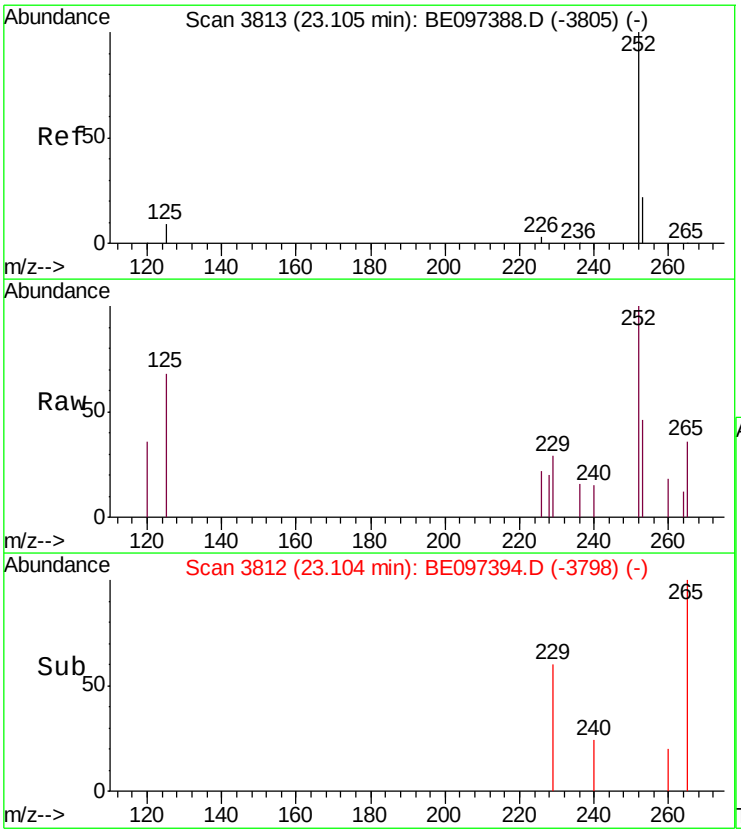
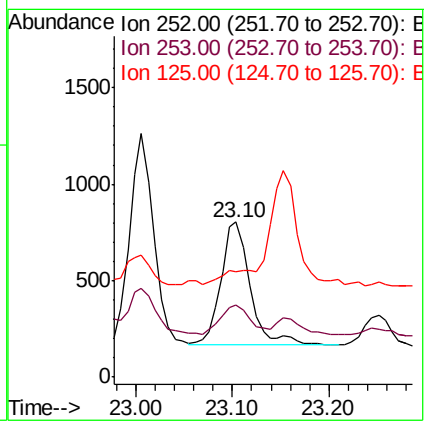
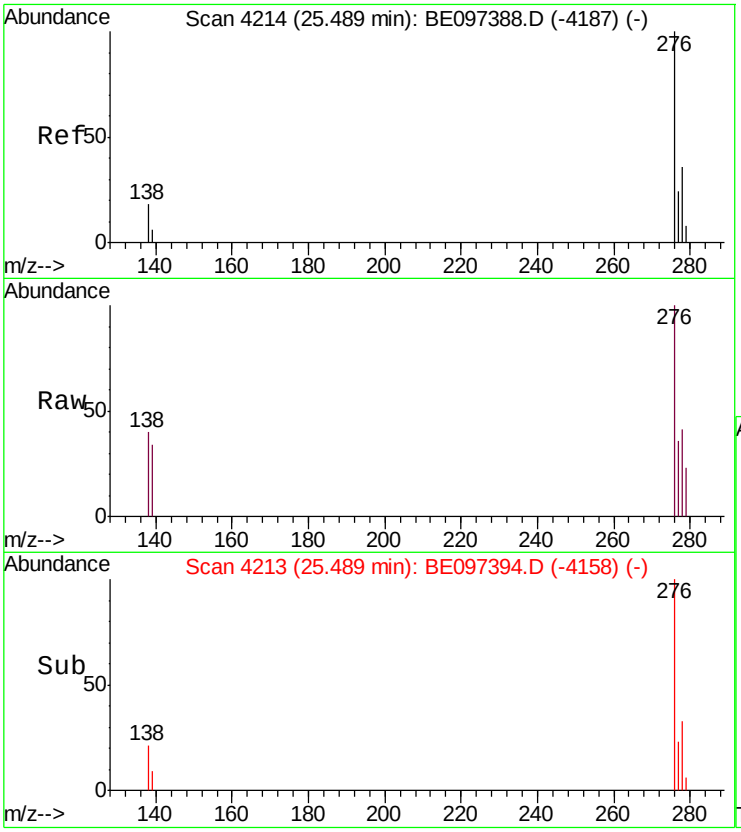


#23
Benzo(a)pyrene
Concen: 0.054 ng/ul
RT: 23.10 min Scan# 3812
Delta R.T. -0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:252 Resp: 1353

Ion	Ratio	Lower	Upper
252	100		
253	46.4	28.5	42.7#
125	68.3	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.048 ng/ul
RT: 25.49 min Scan# 4213
Delta R.T. -0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:276 Resp: 1561

Ion	Ratio	Lower	Upper
276	100		
138	29.9	28.0	42.0
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3Z29MSD

Manual Integrations APPROVED
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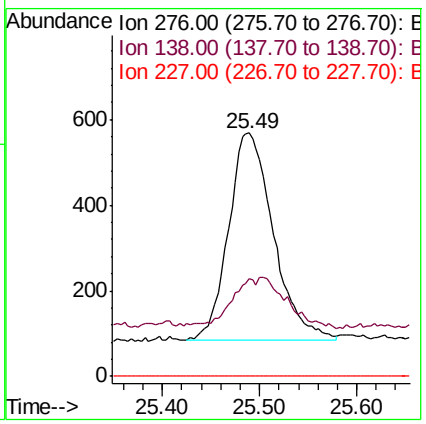
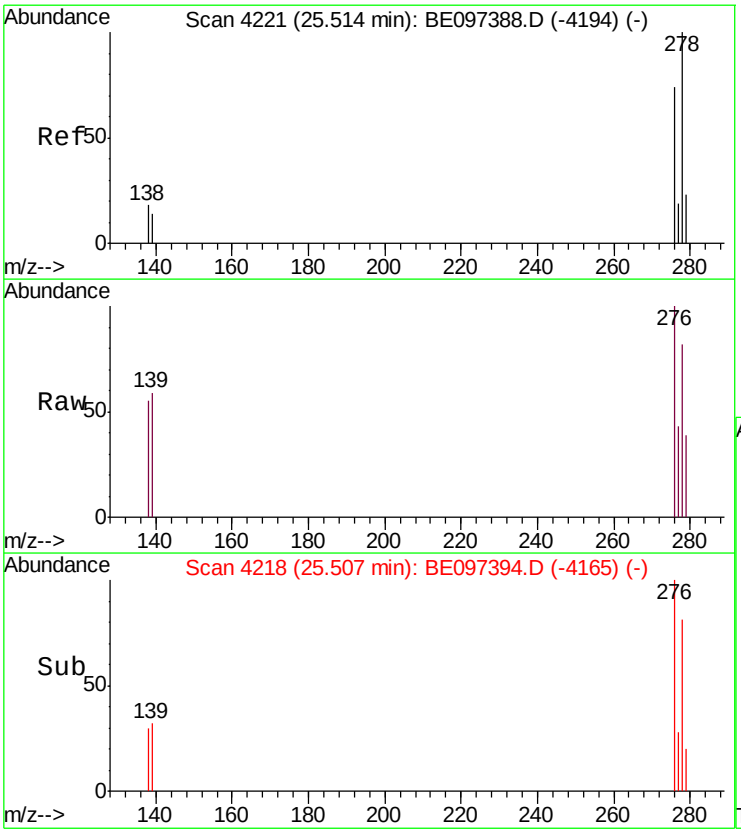
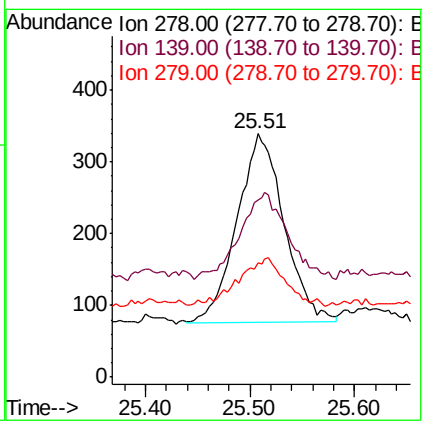


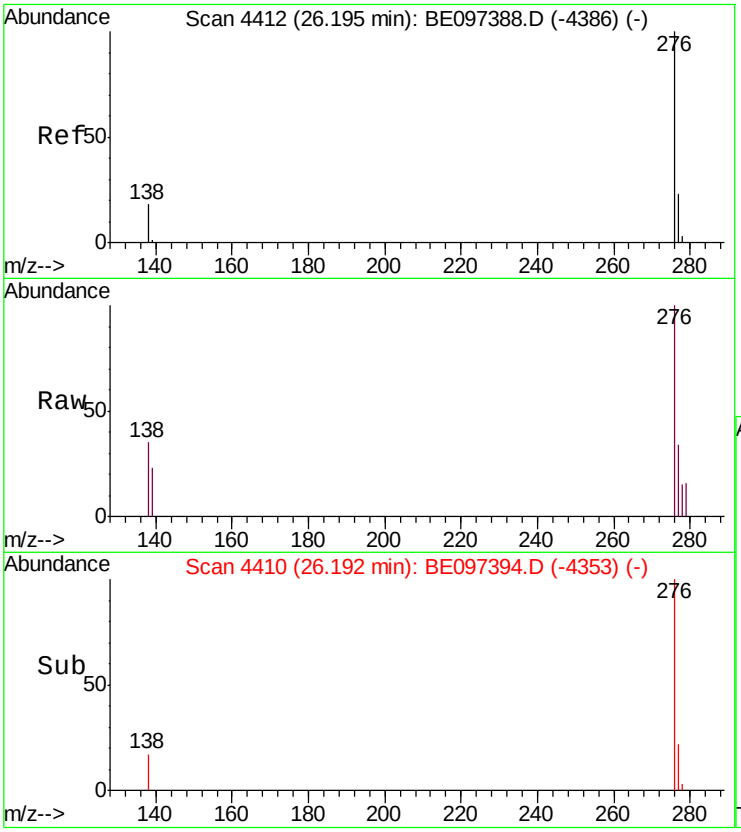


#25
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 25.51 min Scan# 4218
Delta R.T. -0.01 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:278 Resp: 821

Ion	Ratio	Lower	Upper
278	100		
139	72.6	17.4	26.0#
279	47.2	25.9	38.9#

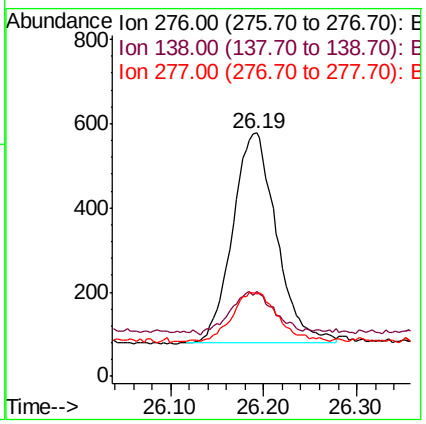




#26
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 26.19 min Scan# 4410
Delta R.T. 0.00 min
Lab File: BE097394.D
Acq: 29 Aug 2018 18:00

Tgt Ion:276 Resp: 1638

Ion	Ratio	Lower	Upper
276	100		
138	34.8	21.8	32.8#
277	34.1	20.5	30.7#



Instrument :
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ClientSampleId :
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