Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070918\
Data File : BE096887.D
Acq On : 9 Jul 2018 18:48
Operator : SJ/JU
Sample : J3765-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 10 03:42:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 10 02:37:30 2018
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : F1H11DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3371	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	18727	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	11116	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	26902	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	26220	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	26389m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	1189	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	3001	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	1248	0.028	ng/ul#	90
7) Acenaphthylene	13.74	152	4128	0.091	ng/ul	99
12) Phenanthrene	16.82	178	7231	0.104	ng/ul#	90
13) Anthracene	16.90	178	28594	0.485	ng/ul#	91
15) Fluoranthene	18.85	202	57363	0.776	ng/ul	84
17) Pyrene	19.21	202	70445	0.818	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	40252	0.651	ng/ul#	84
19) Chrysene	21.02	228	49805	0.622	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	82576m	1.147	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	20177m	0.257	ng/ul	
23) Benzo(a)pyrene	23.11	252	28050	0.460	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	20975	0.332	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.52	278	5387	0.107	ng/ul	91
26) Benzo(g,h,i)perylene	26.20	276	13754	0.224	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070918\
Data File : BE096887.D
Acq On : 9 Jul 2018 18:48
Operator : SJ/JU
Sample : J3765-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 10 03:42:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 10 02:37:30 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F1H11DL

Manual Integrations APPROVED
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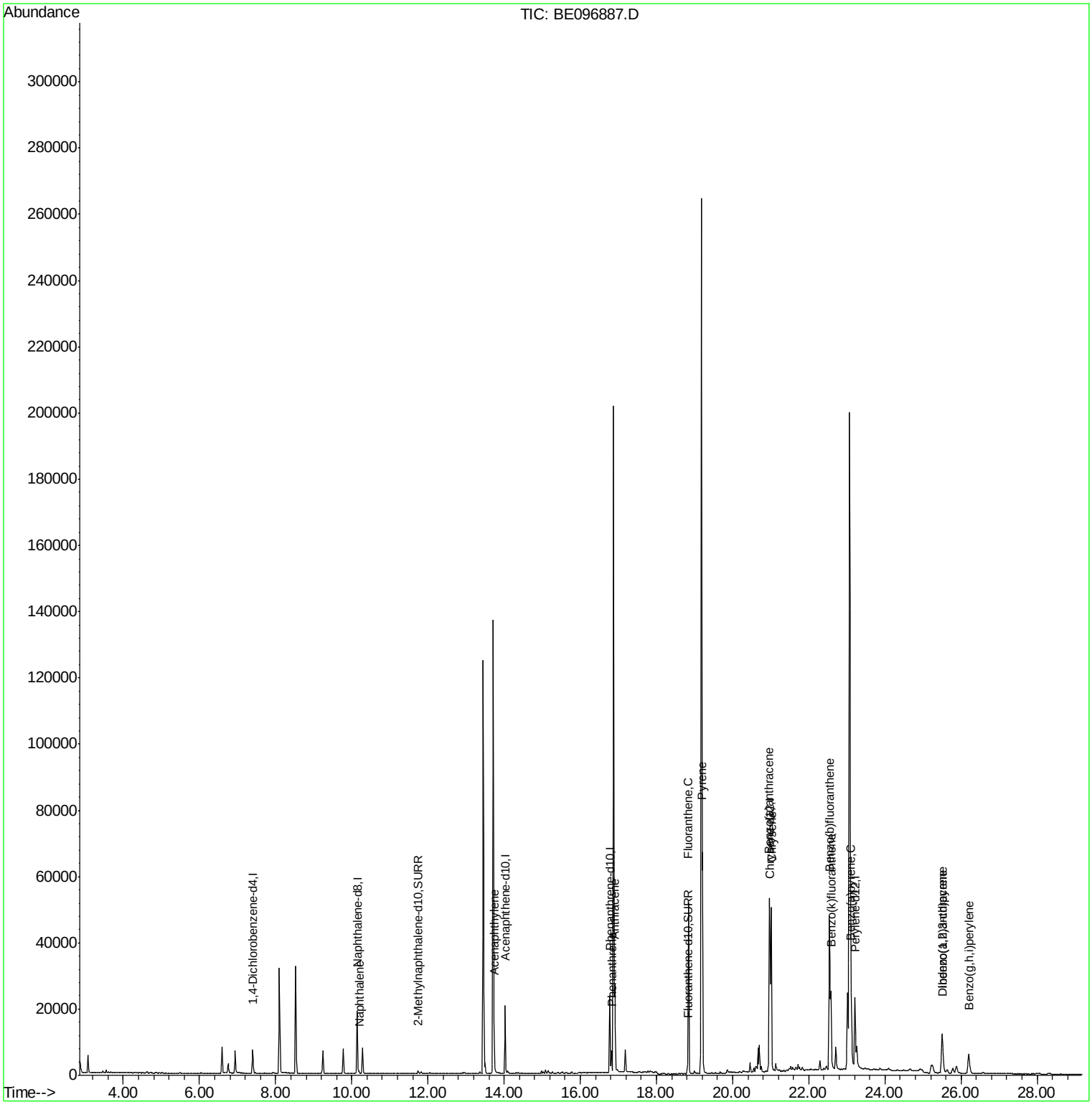

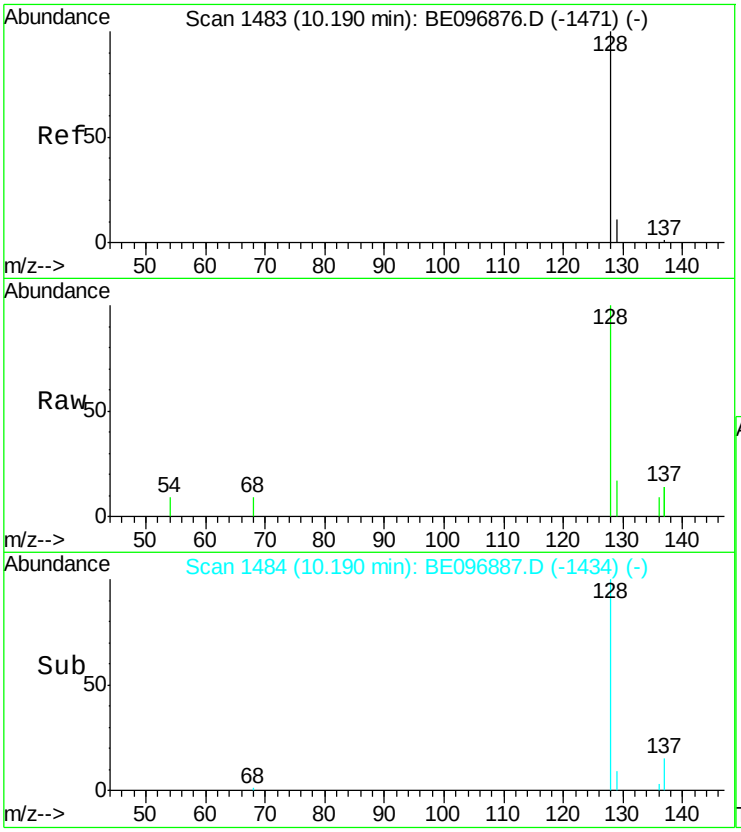

#3
Naphthalene
Concen: 0.028 ng/ul
RT: 10.19 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:128 Resp: 1248

Ion	Ratio	Lower	Upper
128	100		
129	17.4	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F1H11DL

Manual Integrations APPROVED
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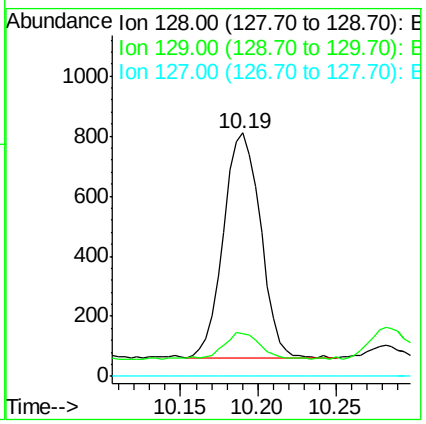
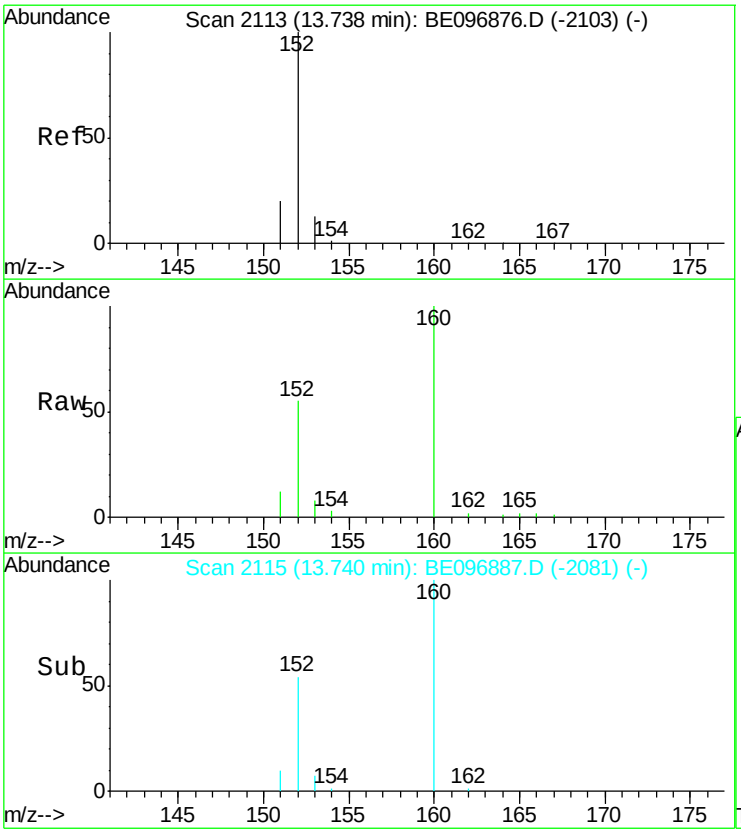
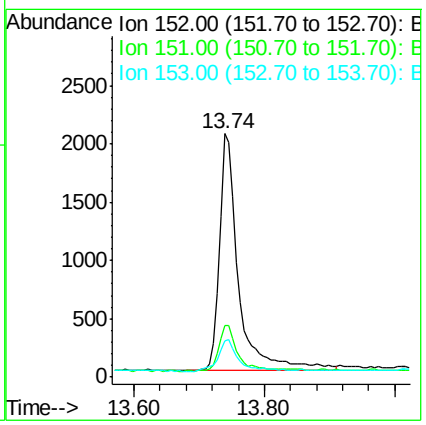


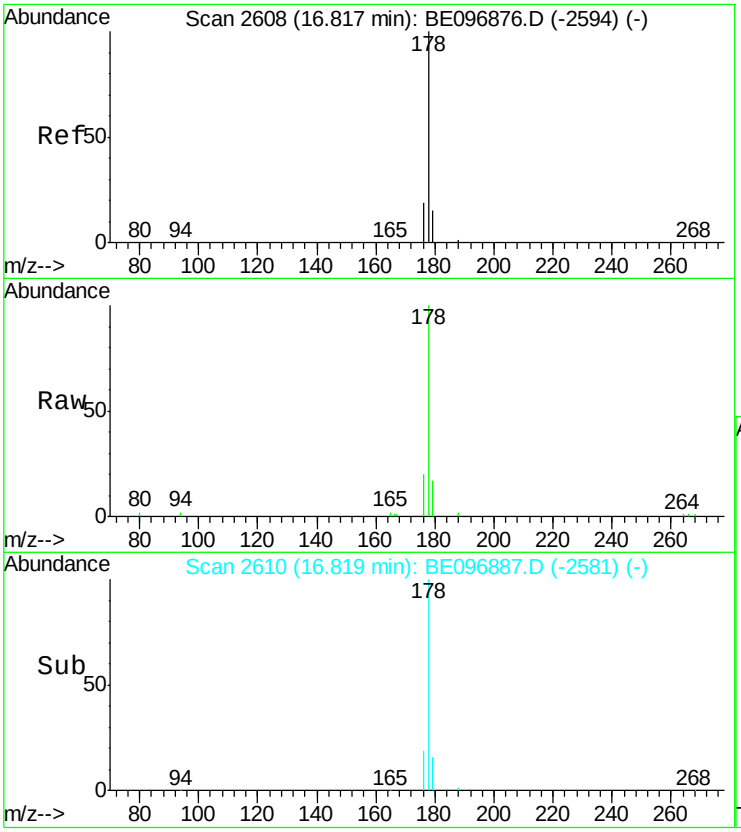


#7
Acenaphthylene
Concen: 0.091 ng/ul
RT: 13.74 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:152 Resp: 4128

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.1	25.7
153	15.0	12.8	19.2





#12
Phenanthrene
Concen: 0.104 ng/ul
RT: 16.82 min Scan# 2610
Delta R.T. 0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:178 Resp: 7231

Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.4	27.6#
176	19.6	13.6	20.4

Instrument :
BNA_E
ClientSampleId :
F1H11DL

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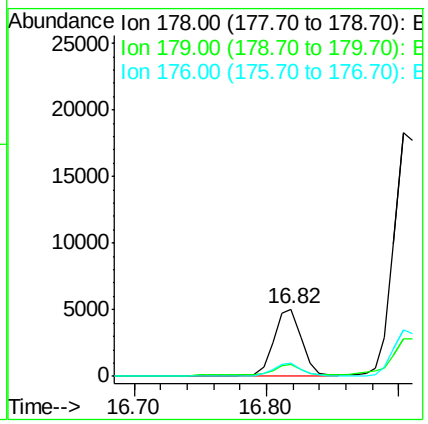
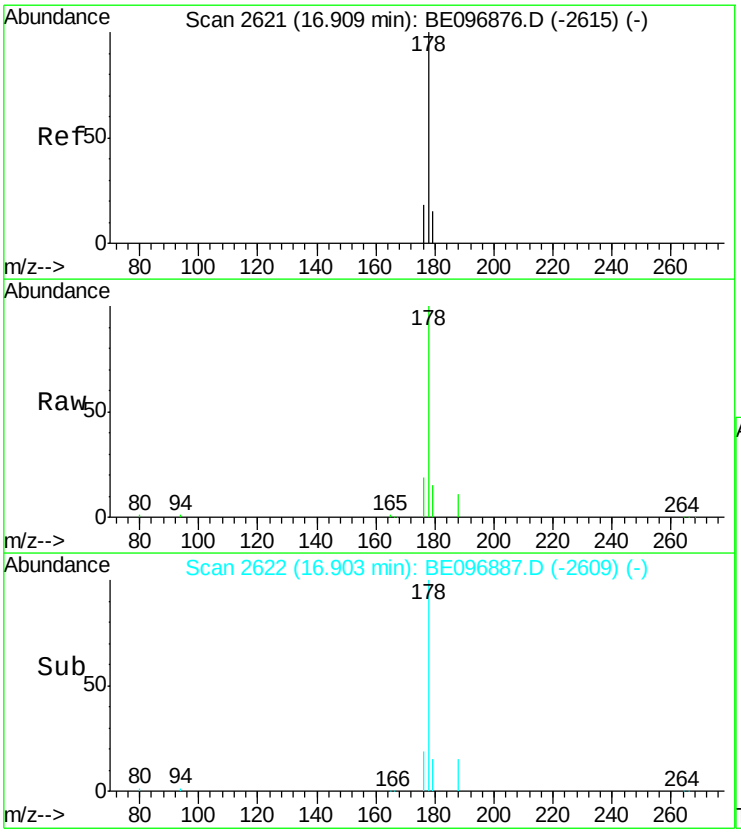
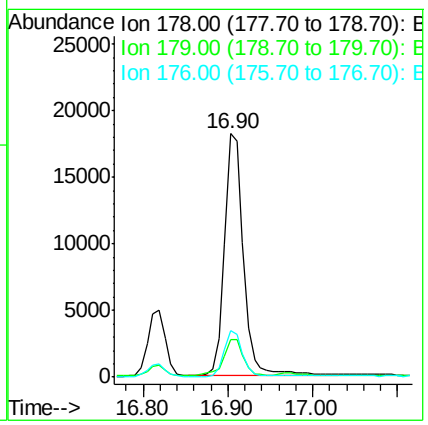


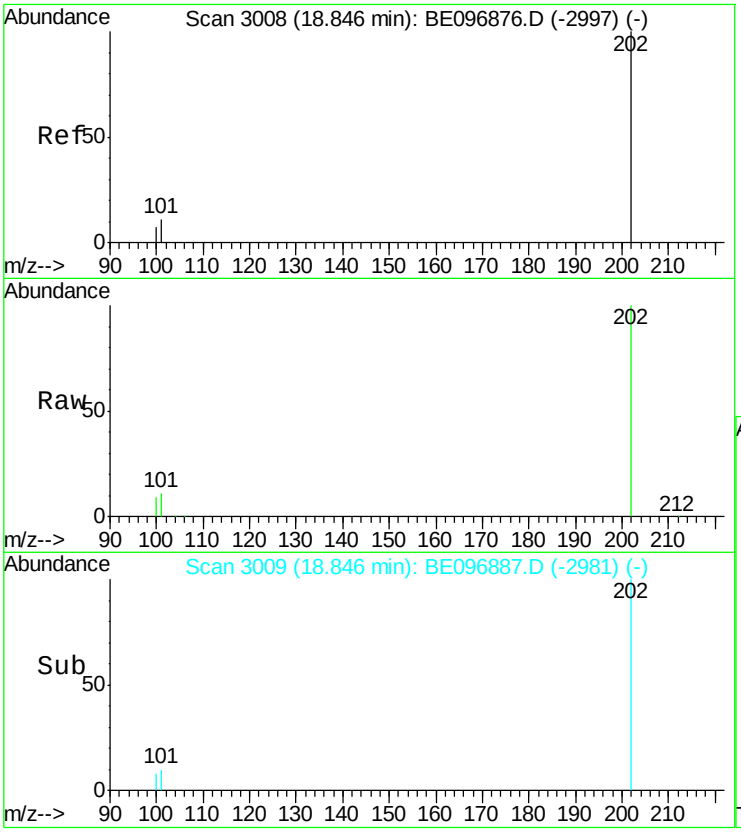


#13
Anthracene
Concen: 0.485 ng/ul
RT: 16.90 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:178 Resp: 28594

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.1	27.1#
176	19.2	14.7	22.1

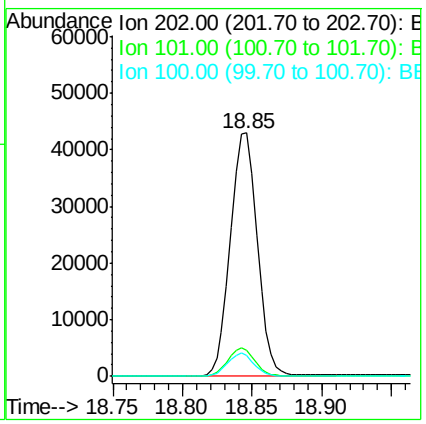




#15
Fluoranthene
Concen: 0.776 ng/ul
RT: 18.85 min Scan# 3009
Delta R.T. -0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:202 Resp: 57363

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.6	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F1H11DL

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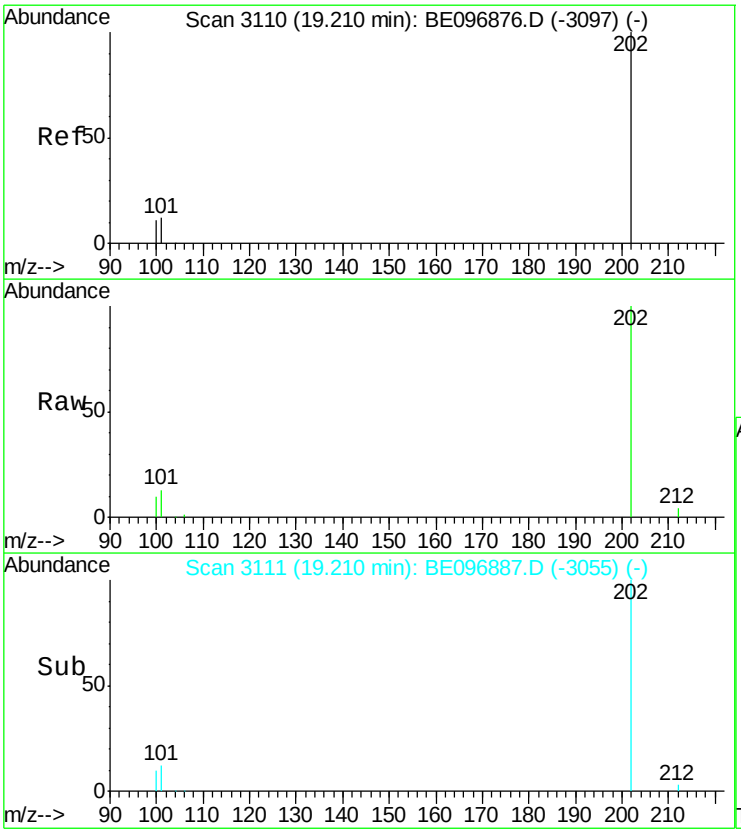
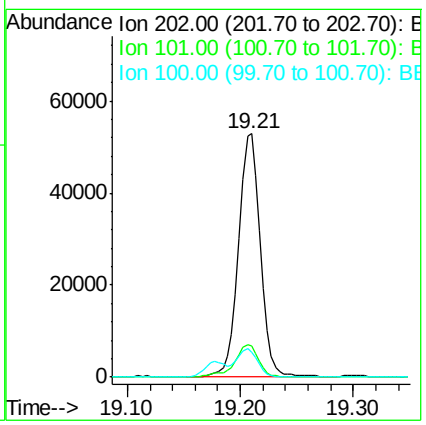
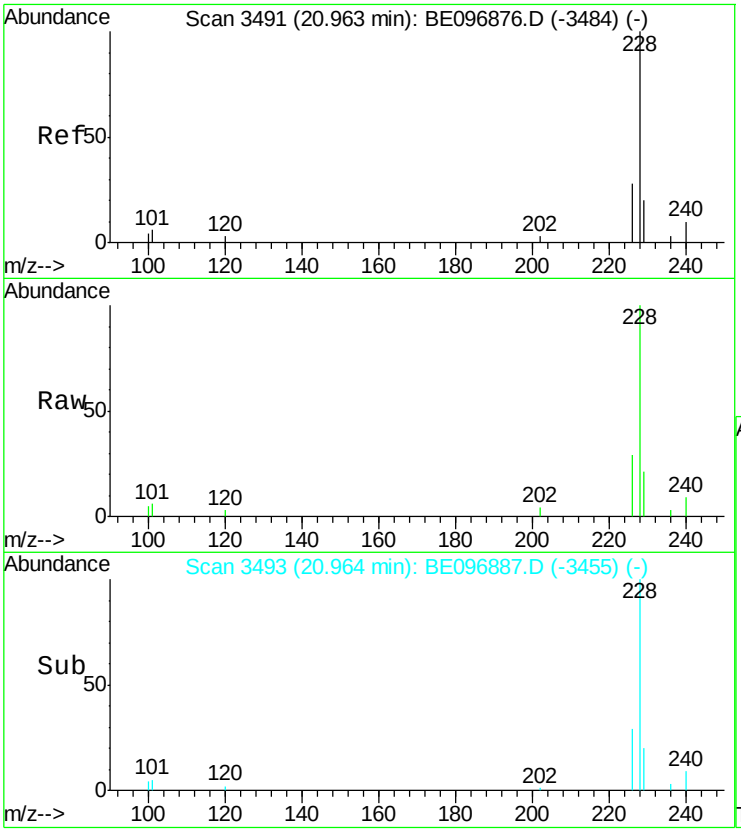


#17
Pyrene
Concen: 0.818 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:202 Resp: 70445

Ion	Ratio	Lower	Upper
202	100		
101	12.5	18.2	27.4#
100	10.4	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.651 ng/ul
RT: 20.96 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:228 Resp: 40252

Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	29.4	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
F1H11DL

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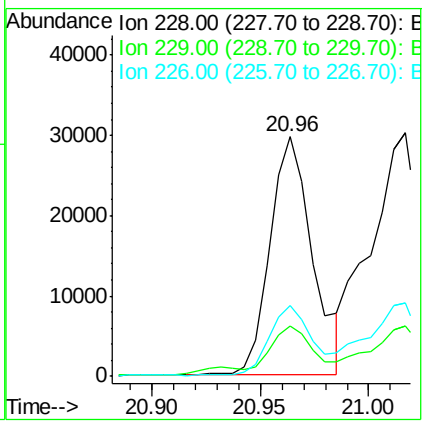
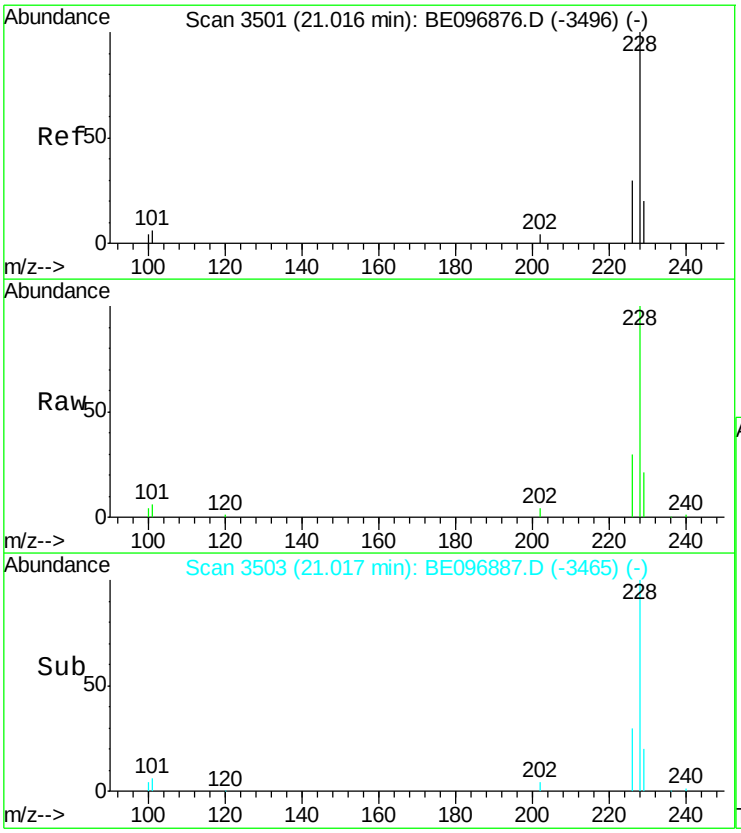
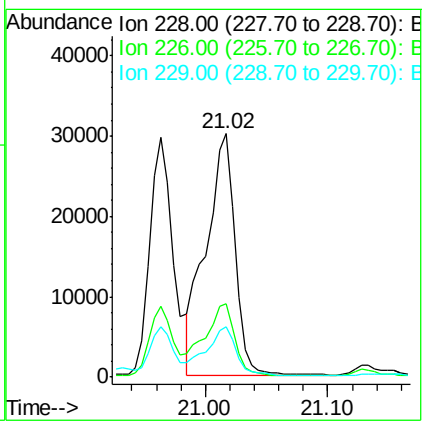


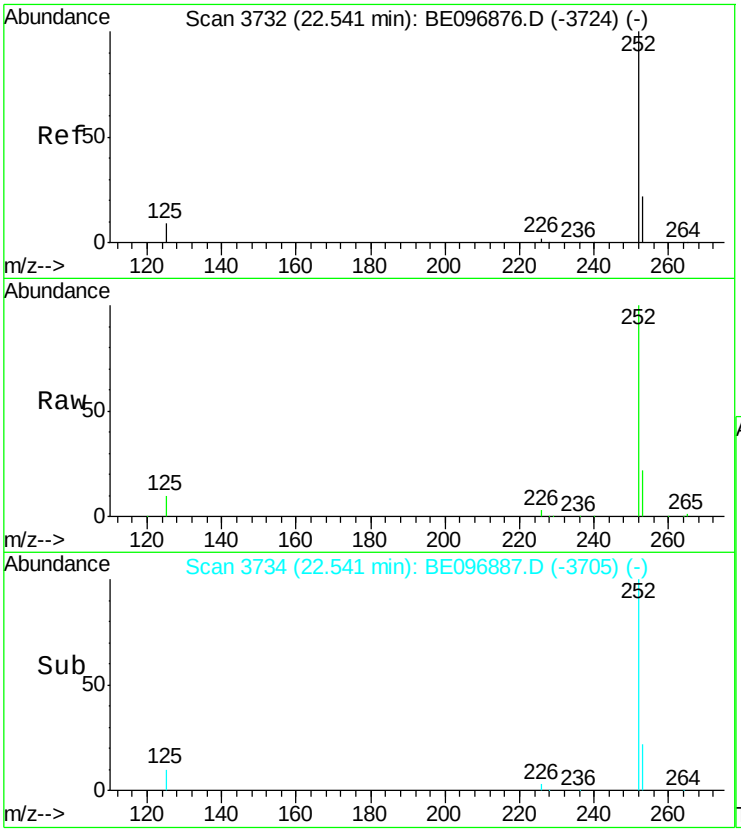


#19
Chrysene
Concen: 0.622 ng/ul
RT: 21.02 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:228 Resp: 49805

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	20.9	17.7	26.5





#21
Benzo(b)fluoranthene
Concen: 1.147 ng/ul m
RT: 22.54 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:252 Resp: 82576

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	64.2
125	10.1	0.0	35.0

Instrument :
BNA_E
ClientSampleId :
F1H11DL

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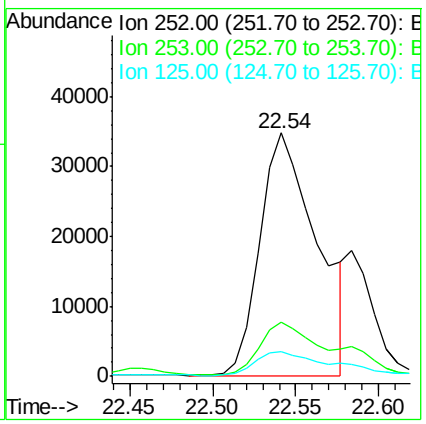
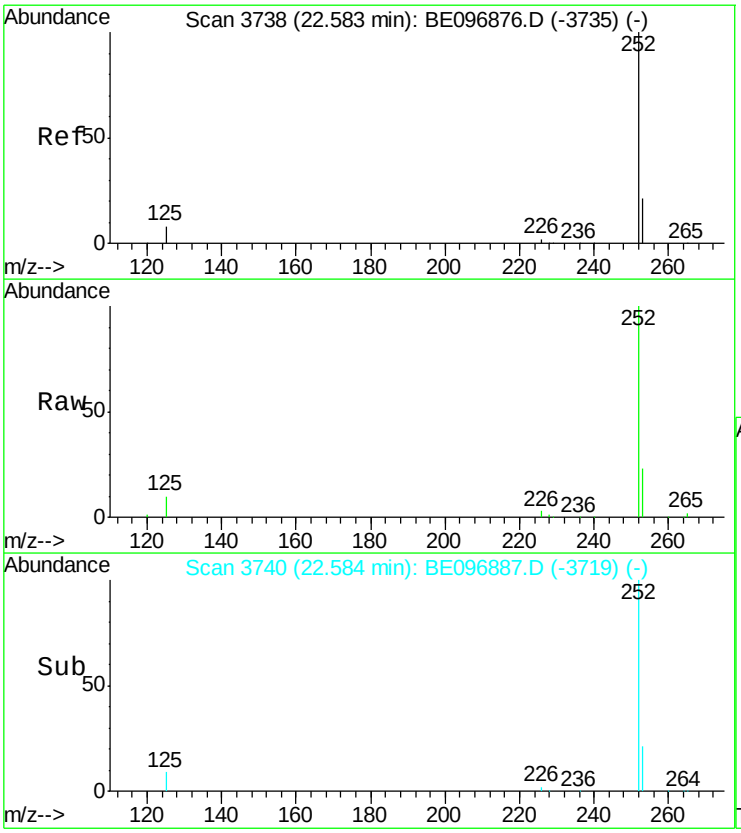
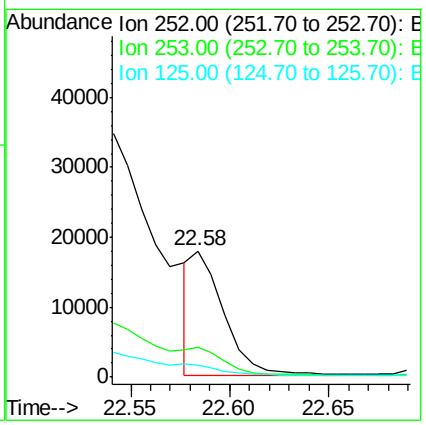


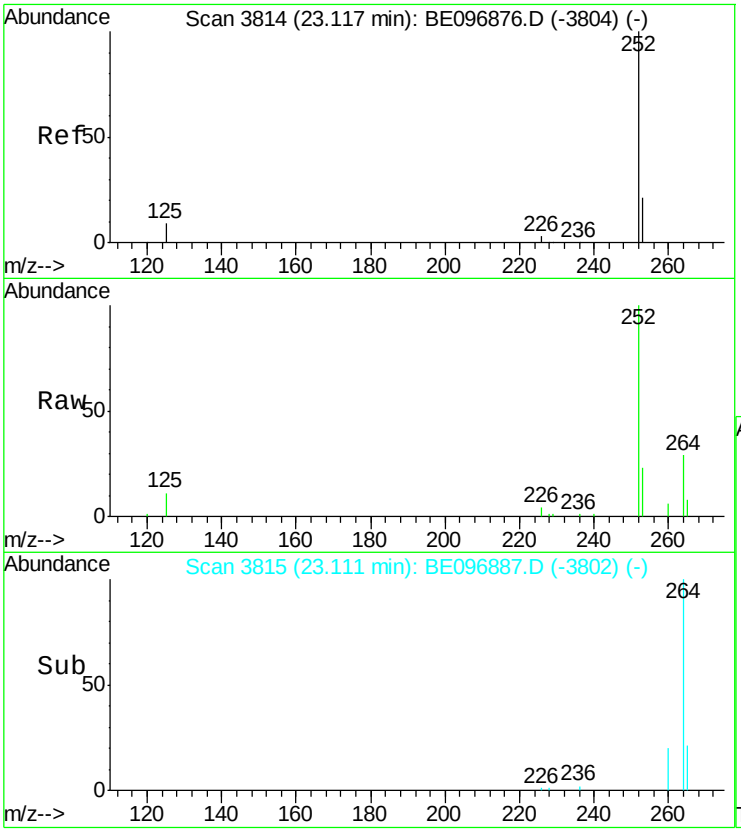


#22
Benzo(k)fluoranthene
Concen: 0.257 ng/ul m
RT: 22.58 min Scan# 3740
Delta R.T. 0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:252 Resp: 20177

Ion	Ratio	Lower	Upper
252	100		
253	23.4	24.5	36.7#
125	9.8	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.460 ng/ul
RT: 23.11 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:252 Resp: 28050

Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	11.4	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F1H11DL

Manual Integrations APPROVED
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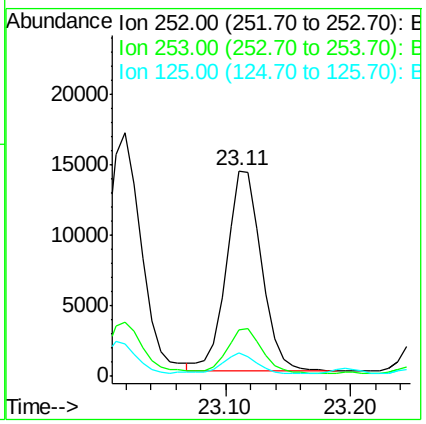
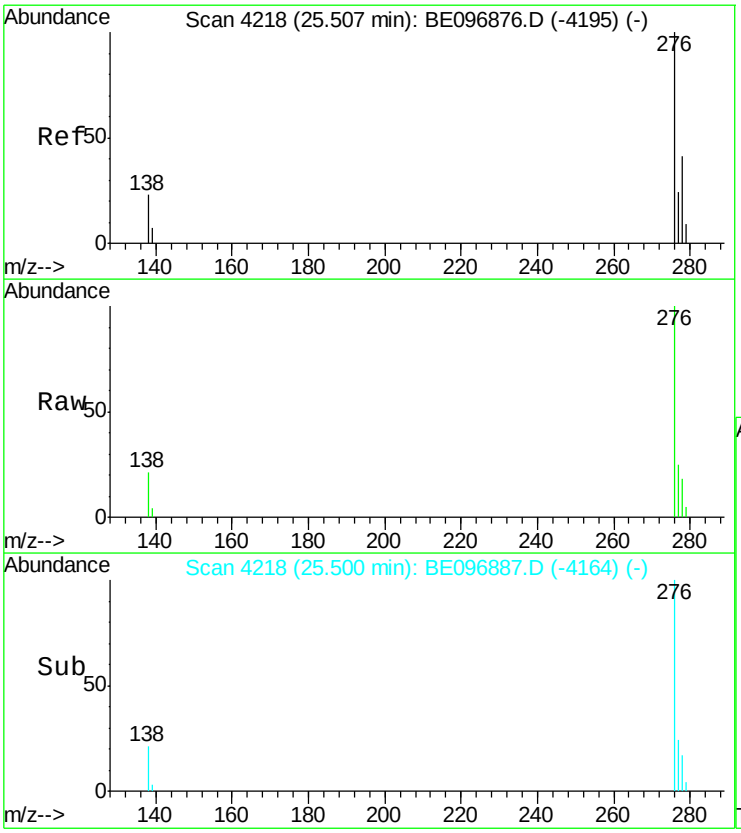
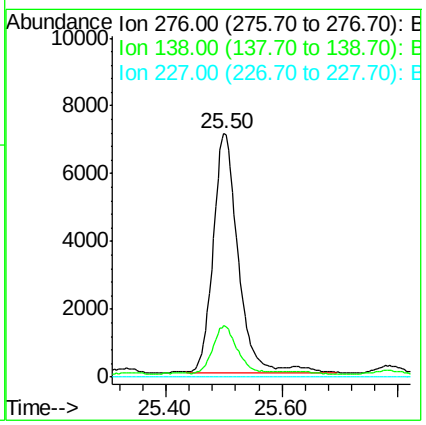


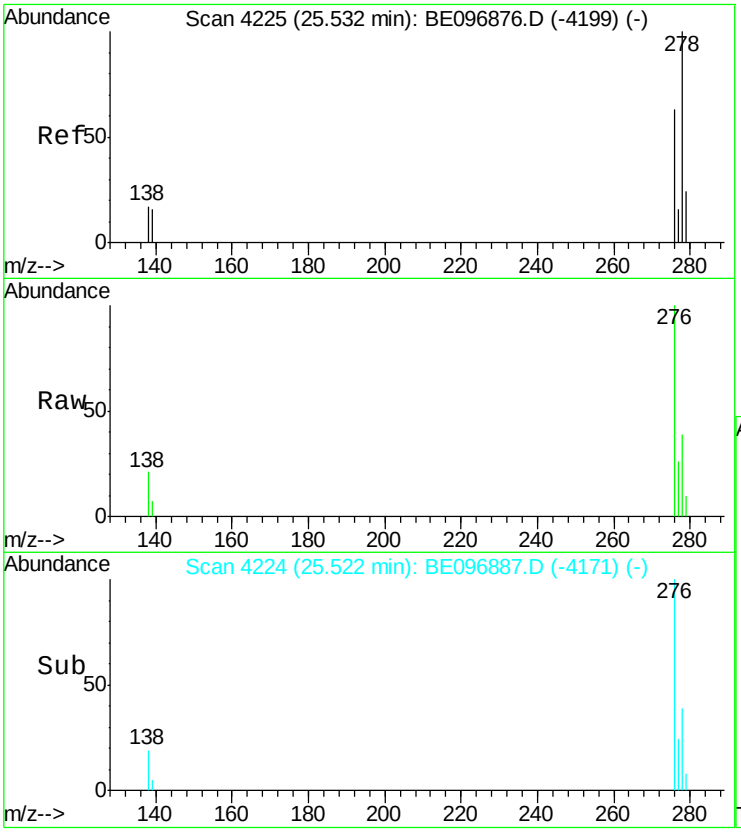


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 25.50 min Scan# 4218
Delta R.T. -0.01 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:276 Resp: 20975

Ion	Ratio	Lower	Upper
276	100		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#

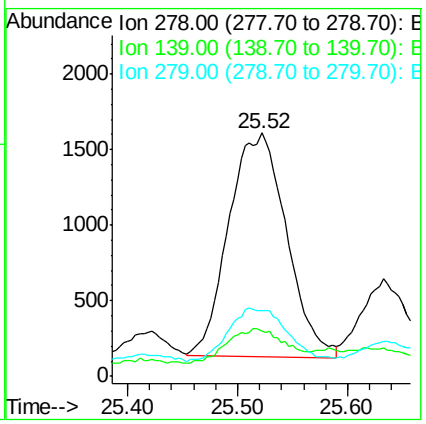




#25
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 25.52 min Scan# 4224
Delta R.T. -0.01 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:278 Resp: 5387

Ion	Ratio	Lower	Upper
278	100		
139	18.7	17.4	26.0
279	26.8	25.9	38.9



Instrument :
BNA_E
ClientSampleId :
F1H11DL

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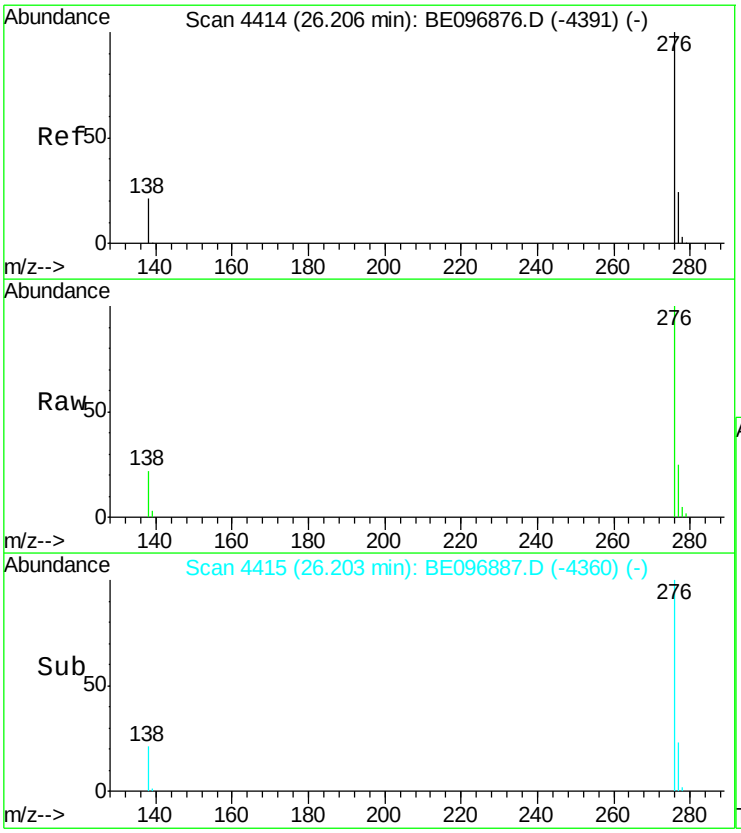

#26
Benzo(g,h,i)perylene
Concen: 0.224 ng/ul
RT: 26.20 min Scan# 4415
Delta R.T. -0.00 min
Lab File: BE096887.D
Acq: 9 Jul 2018 18:48

Tgt Ion:276 Resp: 13754

Ion	Ratio	Lower	Upper
276	100		
138	22.3	21.8	32.8
277	24.6	20.5	30.7