Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096185.D
Acq On : 26 Apr 2018 18:44
Operator : SJ/JU
Sample : J2431-14RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DASP5RE

Manual Integrations APPROVED
Sohil
4/27/2018 7:29:22 PM

Quant Time: Apr 27 05:24:35 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 04:45:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	1033	0.40	ng/ul	0.00
2) Naphthalene-d8	11.19	136	3850	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	11680	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.67	188	4639	0.40	ng/ul	0.01
16) Chrysene-d12	21.78	240	5504m	0.40	ng/ul	0.04
20) Perylene-d12	24.38	264	5283	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1309	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	3263m	0.15	ng/ul	0.05
Target Compounds						Qvalue
3) Naphthalene	11.25	128	2565011	239.272	ng/ul#	87
5) 2-Methylnaphthalene	12.84	142	2964507	412.746	ng/ul	99
7) Acenaphthylene	14.68	152	145530	2.417	ng/ul#	93
8) Acenaphthene	15.05	153	4835892	111.392	ng/ul	96
9) Fluorene	16.02	166	4500106	78.342	ng/ul#	90
11) Pentachlorophenol	17.36	266	845	0.757	ng/ul	89
12) Phenanthrene	17.75	178	14435003	1056.874	ng/ul#	88
13) Anthracene	17.85	178	3767087m	274.916	ng/ul	
15) Fluoranthene	19.72	202	12037483	576.589	ng/ul	84
17) Pyrene	20.08	202	10587400	958.840	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	3955838	237.397	ng/ul#	84
19) Chrysene	21.82	228	2207089	144.141	ng/ul	93
21) Benzo(b)fluoranthene	23.59	252	1786142m	89.289	ng/ul	
22) Benzo(k)fluoranthene	23.64	252	547224m	28.615	ng/ul	
23) Benzo(a)pyrene	24.28	252	1136870	65.417	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.18	276	412194	17.603	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.17	278	119649m	6.102	ng/ul	
26) Benzo(g,h,i)perylene	28.05	276	335001	16.435	ng/ul#	90

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

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BNA_E
ClientSampleId :
DASP5RE

Manual Integrations APPROVED
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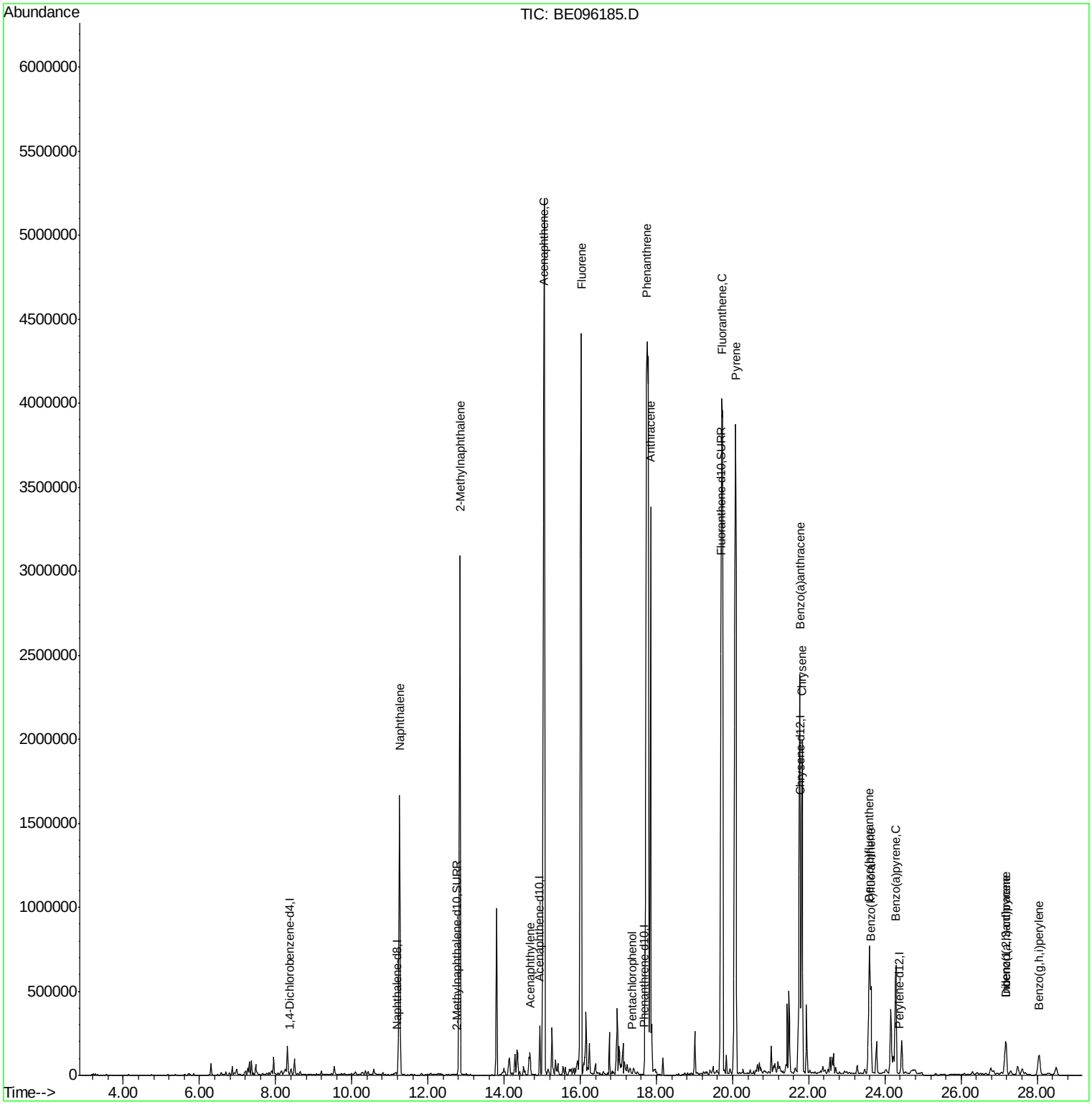
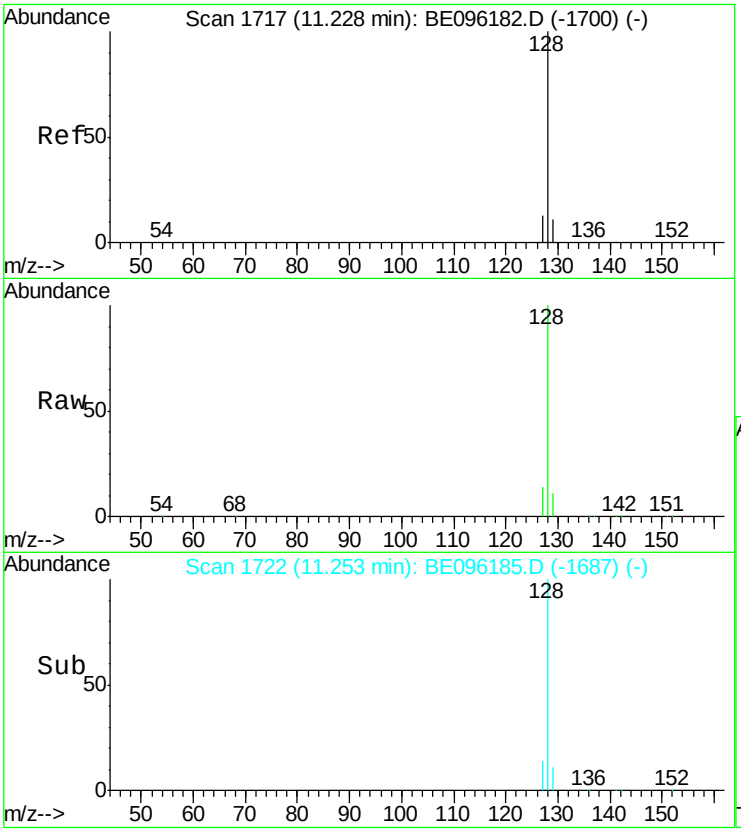
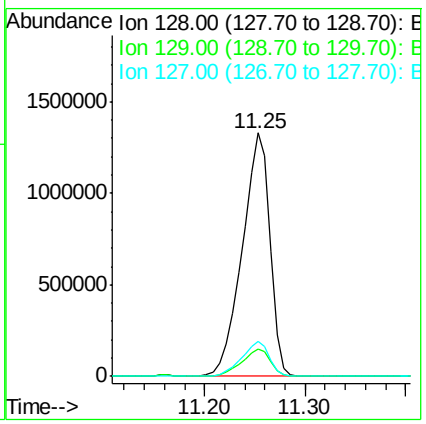




#3
Naphthalene
Concen: 239.272 ng/ul
RT: 11.25 min Scan# 1722
Delta R.T. 0.03 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:128 Resp: 2565011

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.3	16.9#
127	14.2	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
DASP5RE

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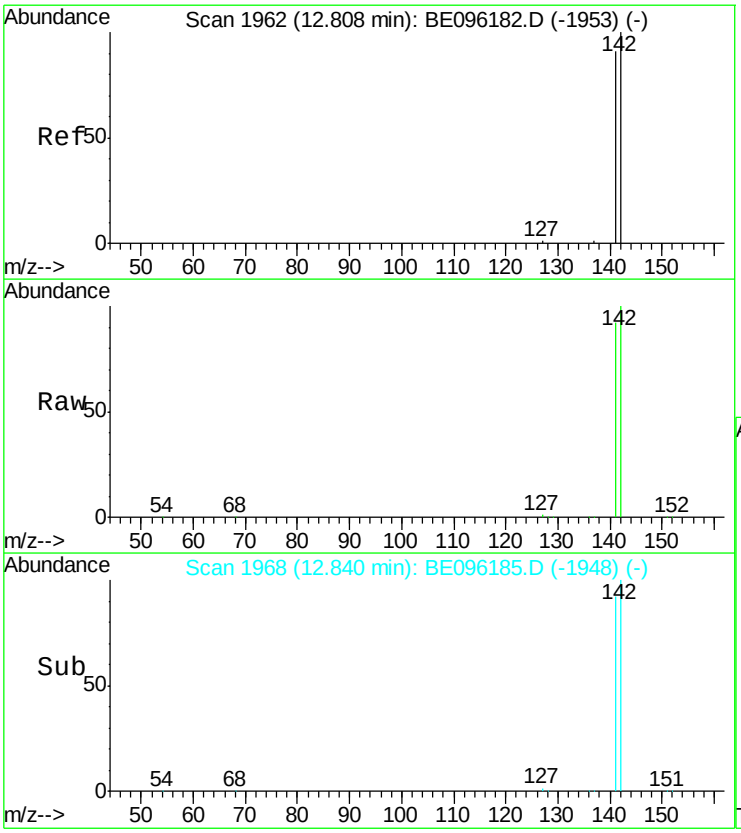
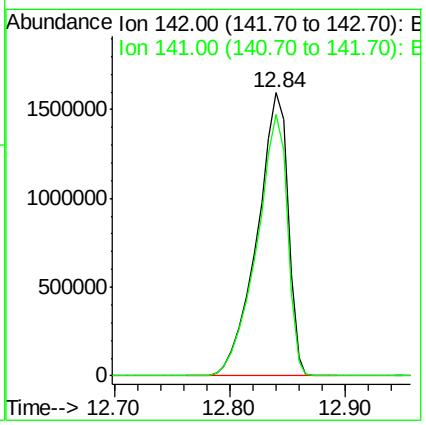
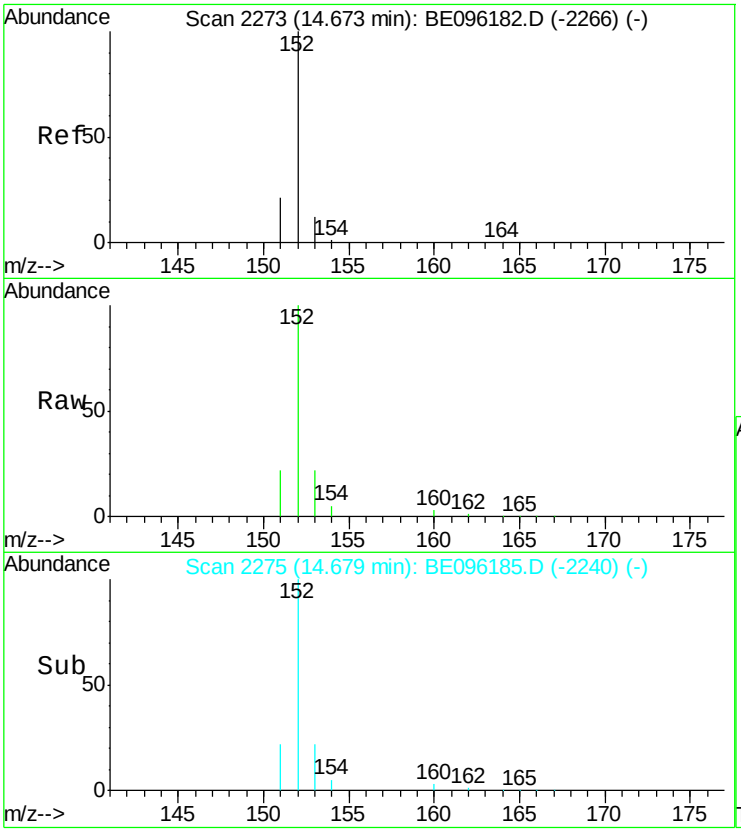


#5
2-Methylnaphthalene
Concen: 412.746 ng/ul
RT: 12.84 min Scan# 1968
Delta R.T. 0.03 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:142 Resp: 2964507

Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.6	108.8





#7
Acenaphthylene
Concen: 2.417 ng/ul
RT: 14.68 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:152 Resp: 145530

Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.1	25.7
153	22.2	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
DASP5RE

Manual Integrations APPROVED
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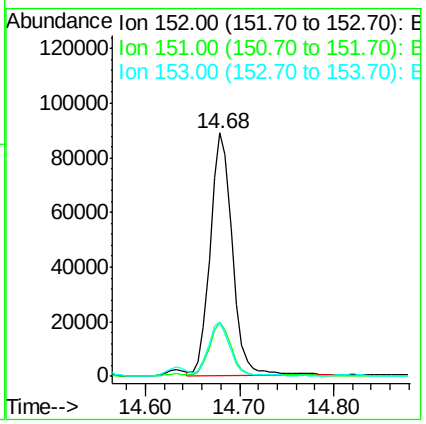
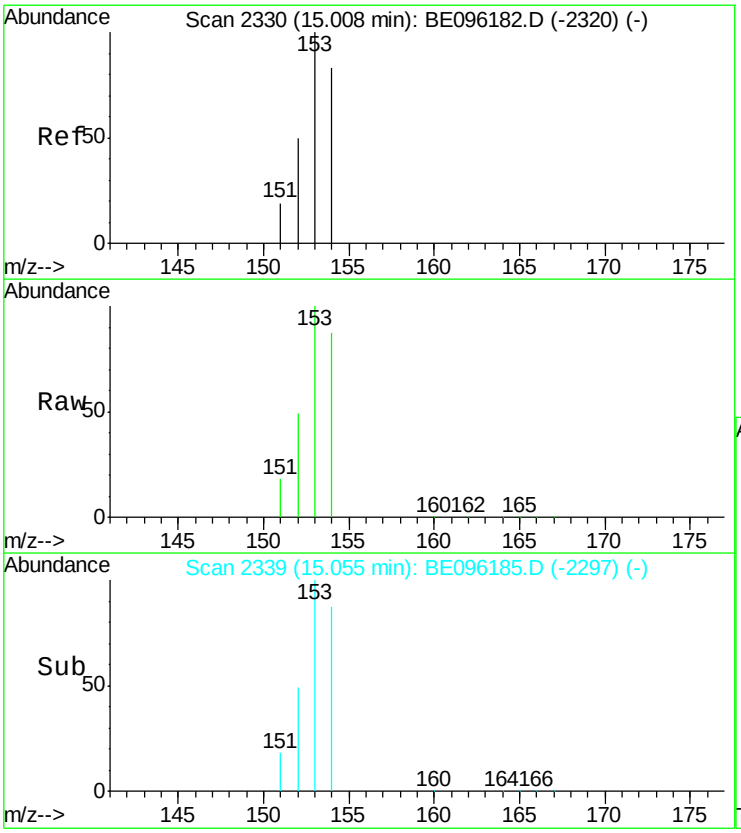
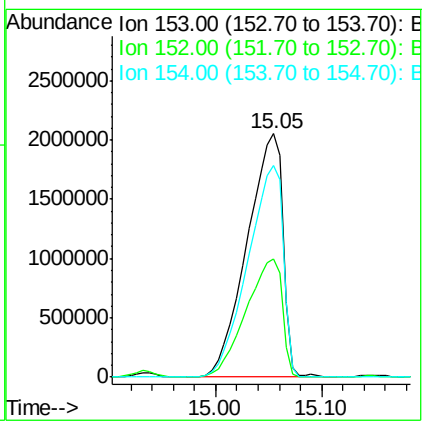


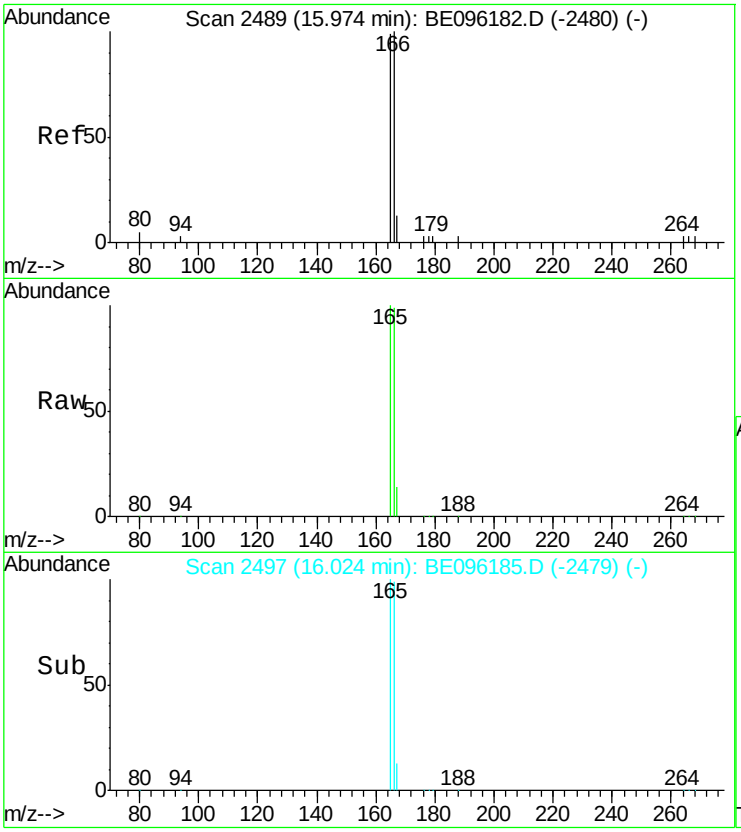


#8
Acenaphthene
Concen: 111.392 ng/ul
RT: 15.05 min Scan# 2339
Delta R.T. 0.05 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:153 Resp: 4835892

Ion	Ratio	Lower	Upper
153	100		
152	48.7	36.0	54.0
154	86.9	72.0	108.0

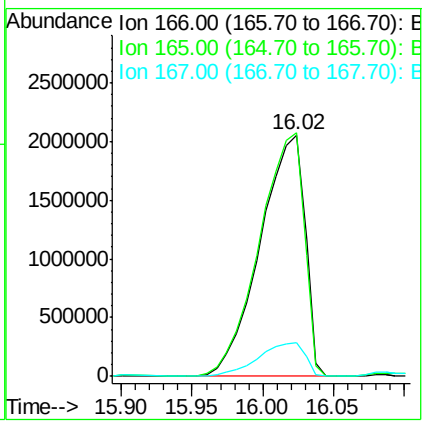




#9
Fluorene
Concen: 78.342 ng/ul
RT: 16.02 min Scan# 2497
Delta R.T. 0.05 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:166 Resp: 4500106

Ion	Ratio	Lower	Upper
166	100		
165	100.9	73.4	110.2
167	13.8	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
DASP5RE

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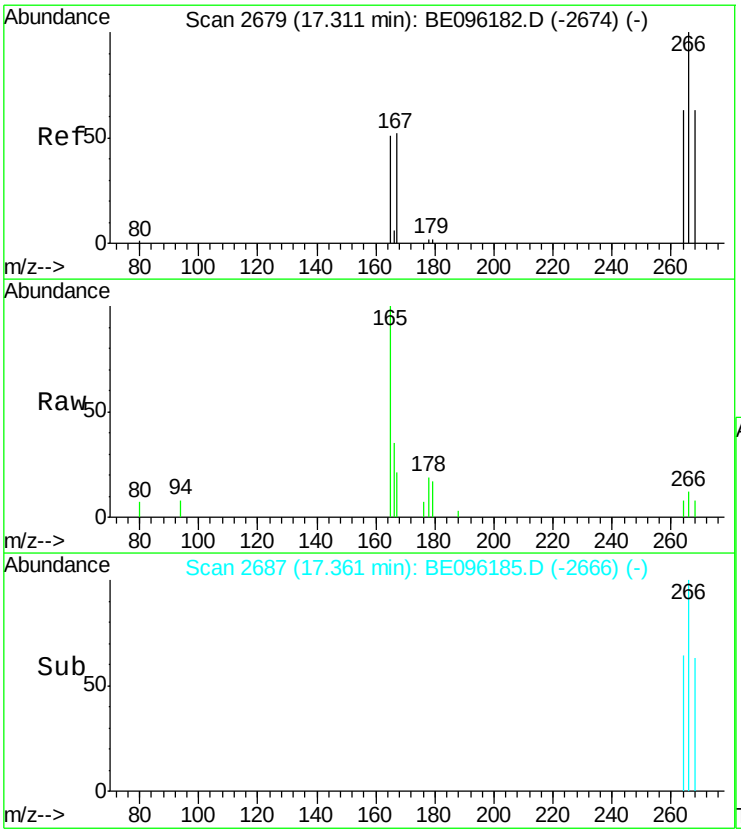
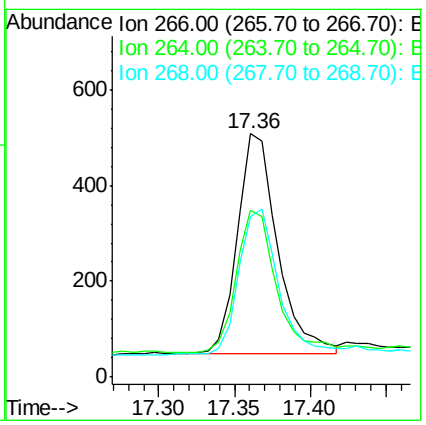
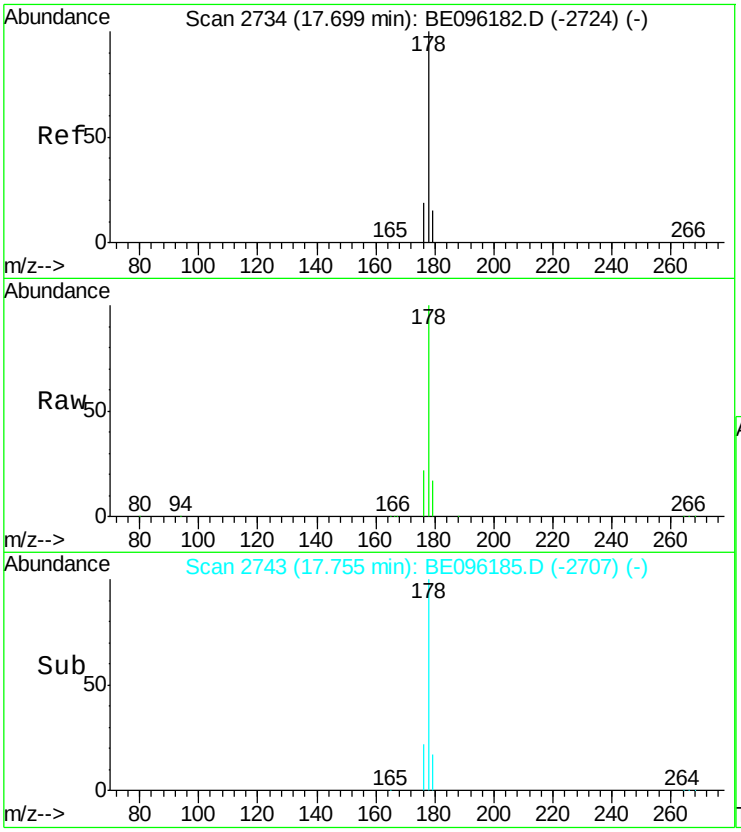


#11
Pentachlorophenol
Concen: 0.757 ng/ul
RT: 17.36 min Scan# 2687
Delta R.T. 0.05 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:266 Resp: 845

Ion	Ratio	Lower	Upper
266	100		
264	66.2	47.9	71.9
268	73.1	49.8	74.8

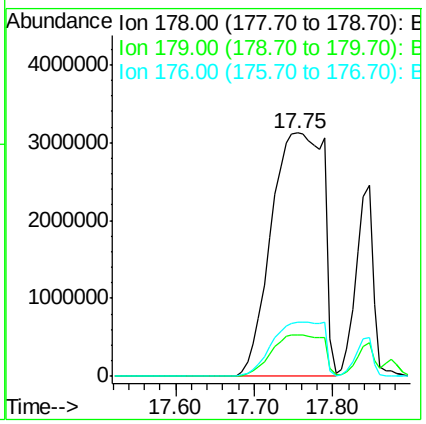




#12
Phenanthrene
Concen: 1056.874 ng/ul
RT: 17.75 min Scan# 2743
Delta R.T. 0.06 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:178 Resp:14435003

Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.4	27.6#
176	22.2	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
DASP5RE

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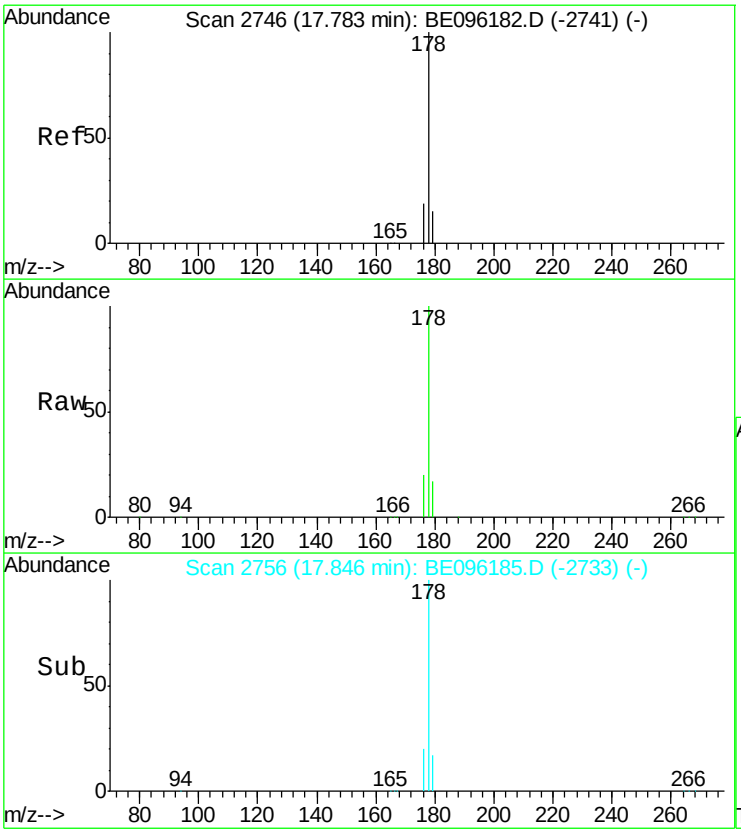
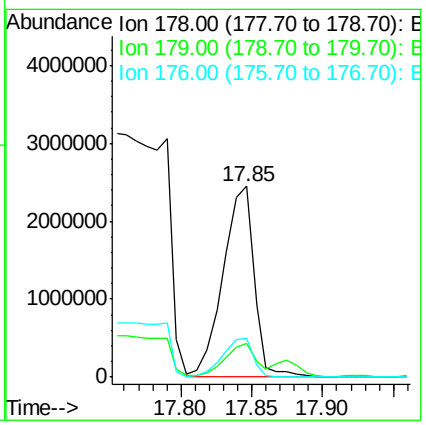
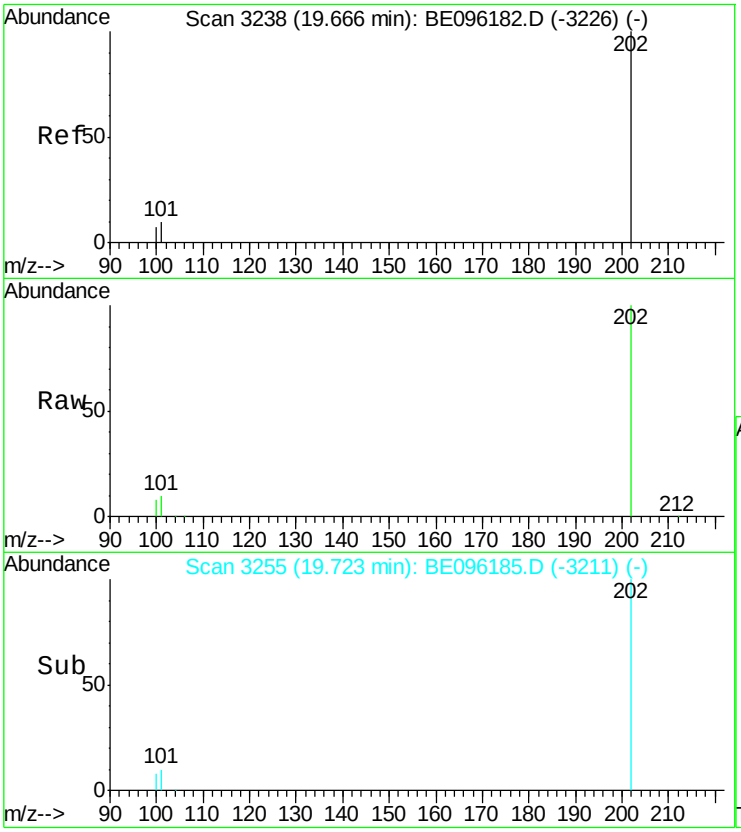


#13
Anthracene
Concen: 274.916 ng/ul m
RT: 17.85 min Scan# 2756
Delta R.T. 0.06 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:178 Resp: 3767087

Ion	Ratio	Lower	Upper
178	100		
179	17.4	18.1	27.1#
176	20.3	14.7	22.1

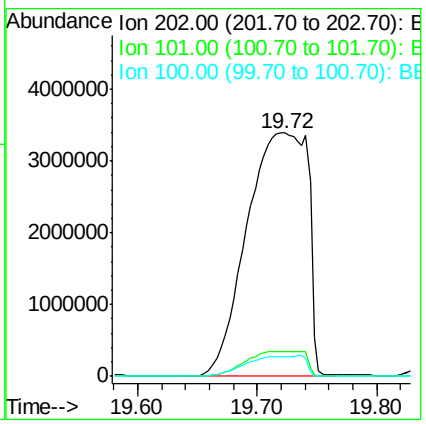




#15
Fluoranthene
Concen: 576.589 ng/ul
RT: 19.72 min Scan# 3255
Delta R.T. 0.06 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:202 Resp:12037483

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
100	8.3	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
DASP5RE

Manual Integrations APPROVED
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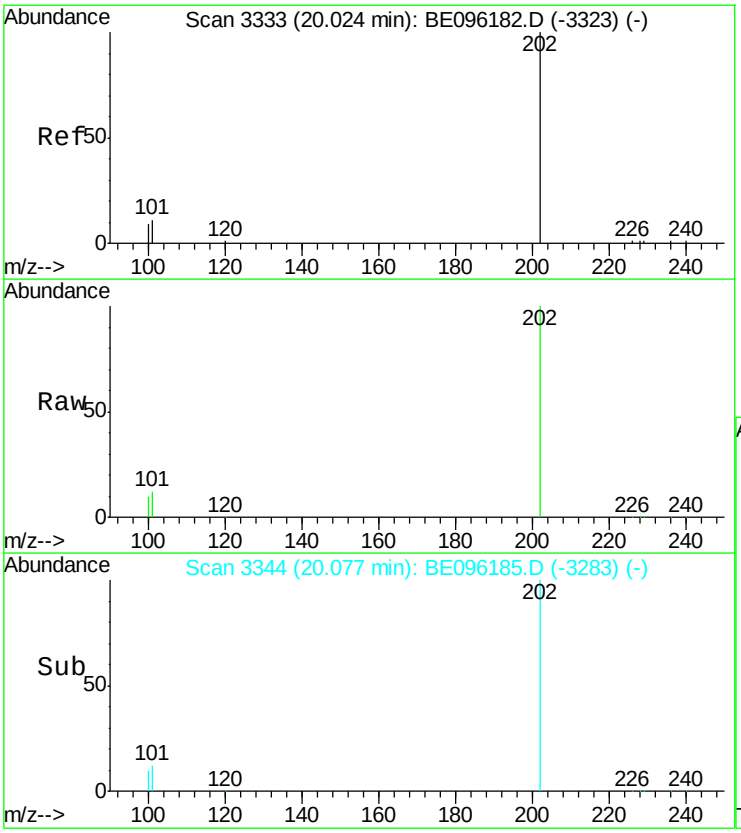
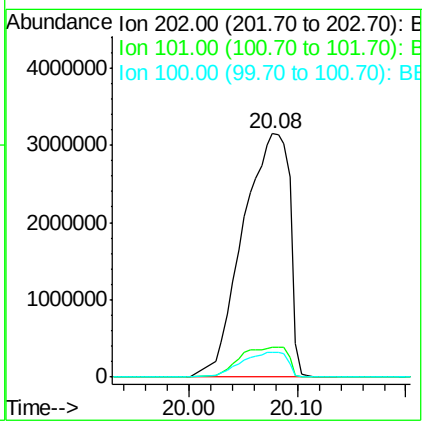
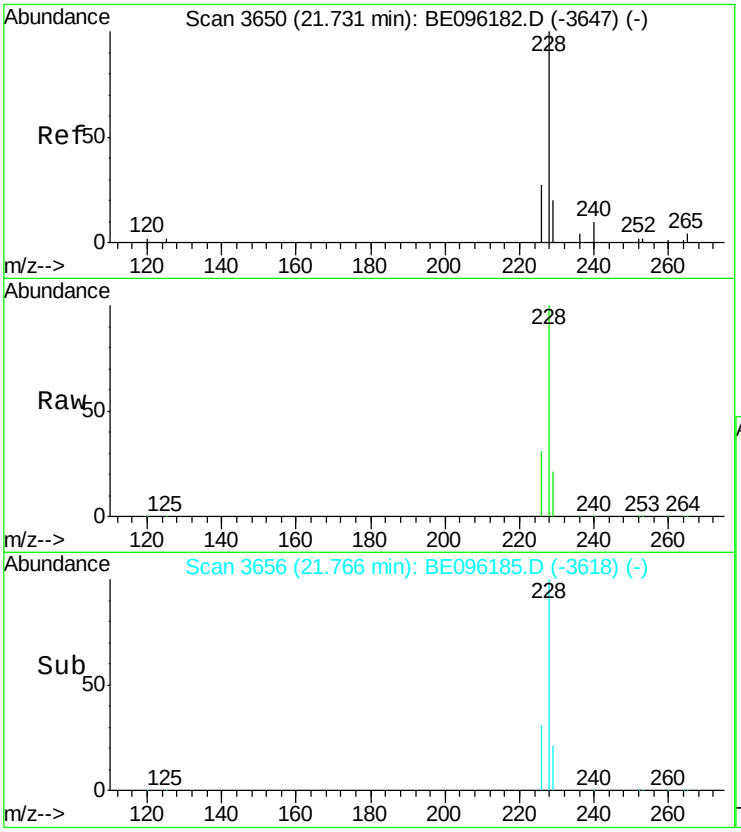


#17
Pyrene
Concen: 958.840 ng/ul
RT: 20.08 min Scan# 3344
Delta R.T. 0.05 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:202 Resp:10587400

Ion	Ratio	Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	10.4	15.6	23.4#

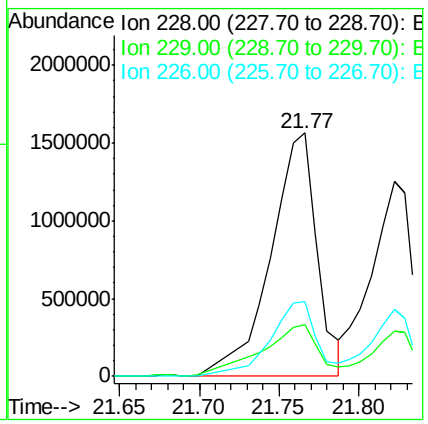




#18
Benzo(a)anthracene
Concen: 237.397 ng/ul
RT: 21.77 min Scan# 3656
Delta R.T. 0.04 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:228 Resp: 3955838

Ion	Ratio	Lower	Upper
228	100		
229	21.2	22.8	34.2#
226	30.8	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
DASP5RE

Manual Integrations APPROVED
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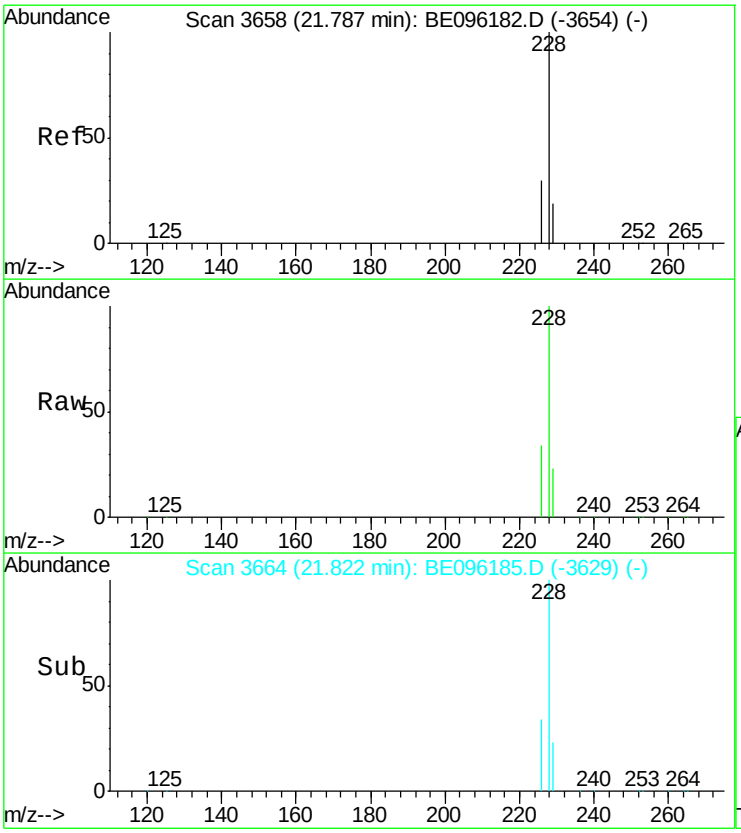
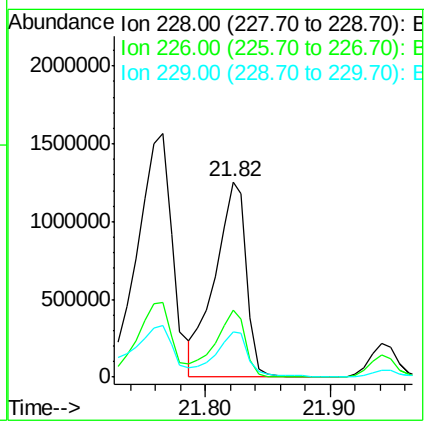
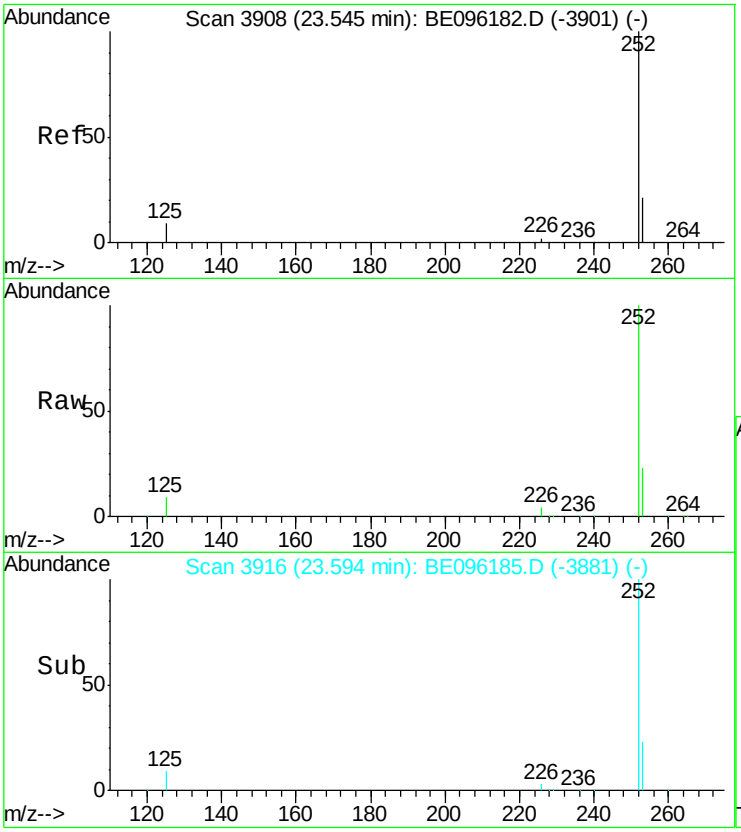


#19
Chrysene
Concen: 144.141 ng/ul
RT: 21.82 min Scan# 3664
Delta R.T. 0.04 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:228 Resp: 2207089

Ion	Ratio	Lower	Upper
228	100		
226	34.3	23.4	35.0
229	23.4	17.7	26.5

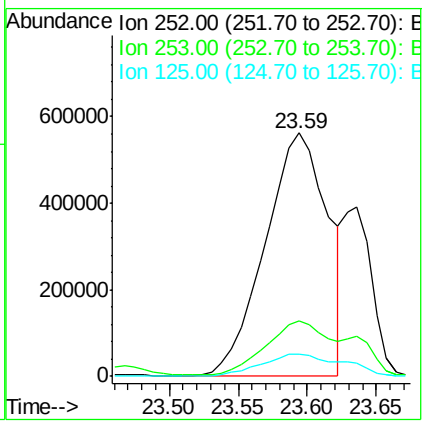




#21
Benzo(b)fluoranthene
Concen: 89.289 ng/ul m
RT: 23.59 min Scan# 3916
Delta R.T. 0.05 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:252 Resp: 1786142

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	64.2
125	9.2	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
DASP5RE

Manual Integrations APPROVED
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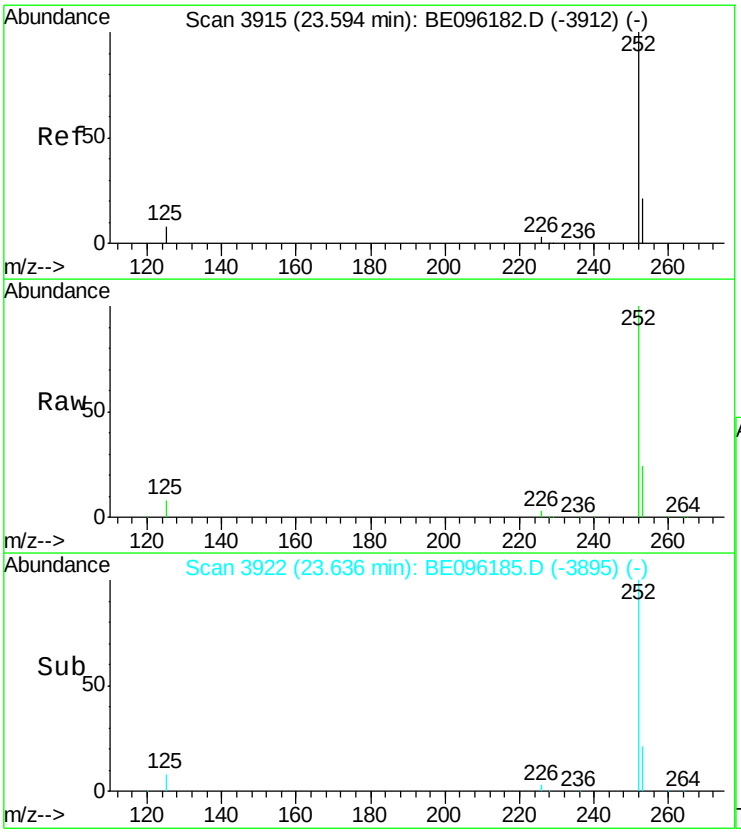
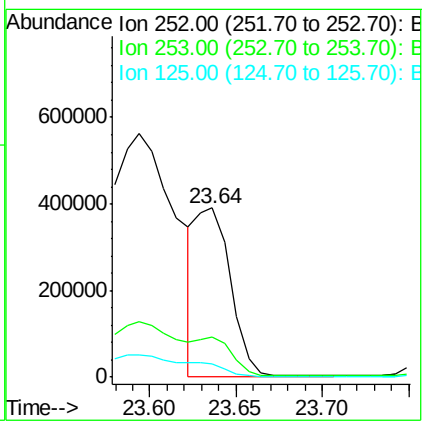
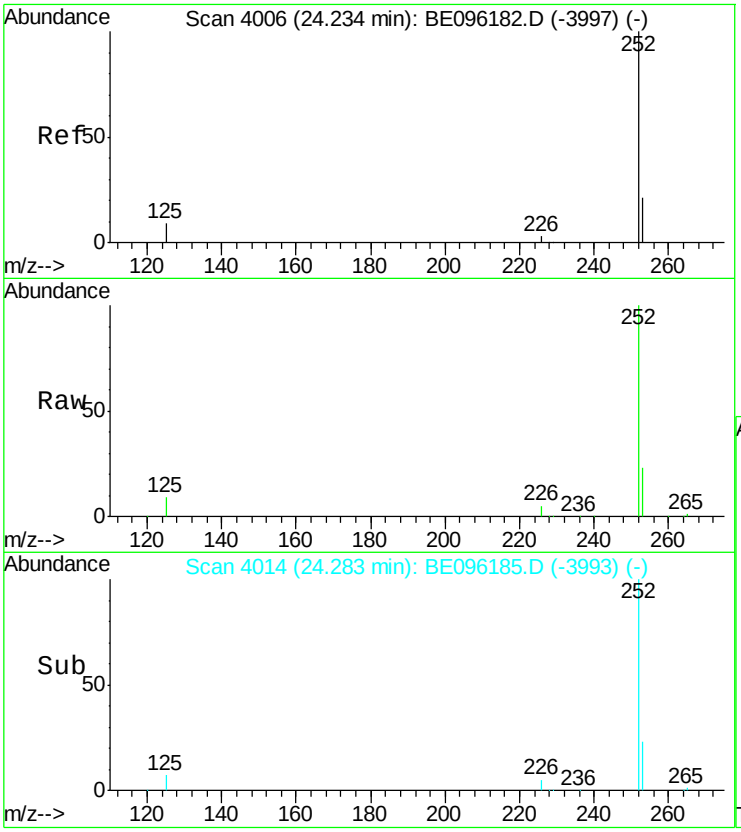


#22
Benzo(k)fluoranthene
Concen: 28.615 ng/ul m
RT: 23.64 min Scan# 3922
Delta R.T. 0.04 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:252 Resp: 547224

Ion	Ratio	Lower	Upper
252	100		
253	23.7	24.5	36.7#
125	8.1	13.7	20.5#





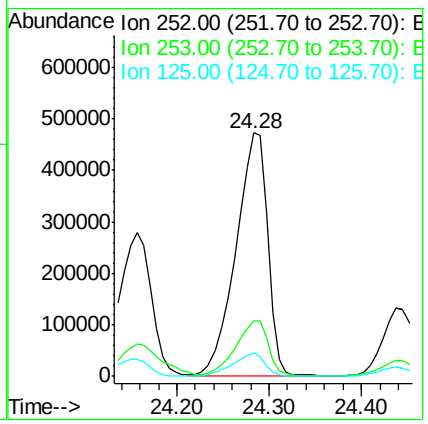
#23
Benzo(a)pyrene
Concen: 65.417 ng/ul
RT: 24.28 min Scan# 4014
Delta R.T. 0.05 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

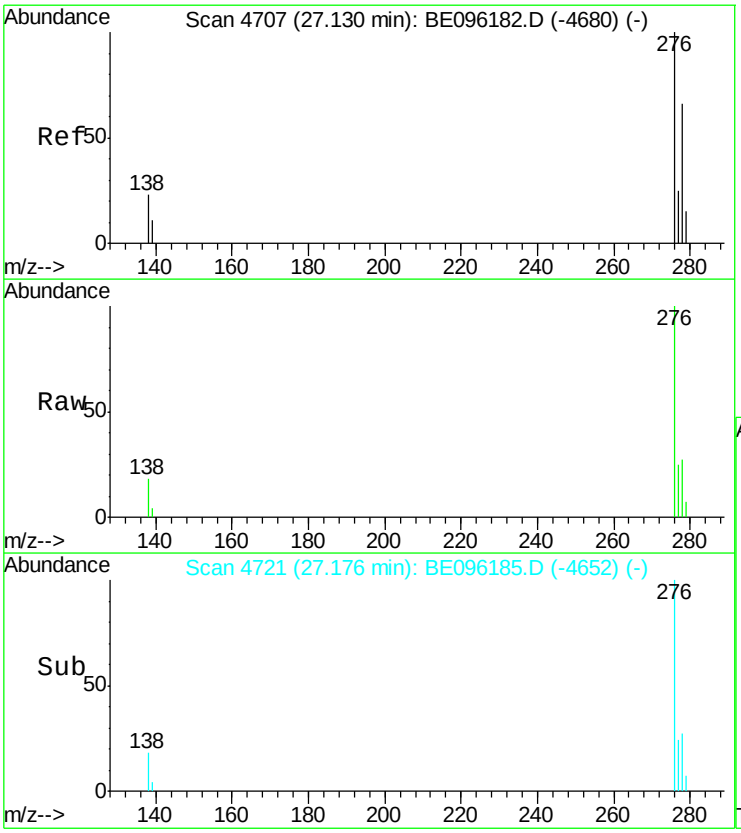
Tgt Ion:252 Resp: 1136870

Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	9.5	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
DASP5RE

Manual Integrations APPROVED
Sohil
4/27/2018 7:29:22 PM

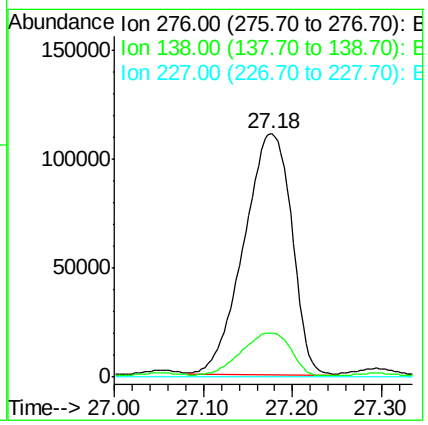


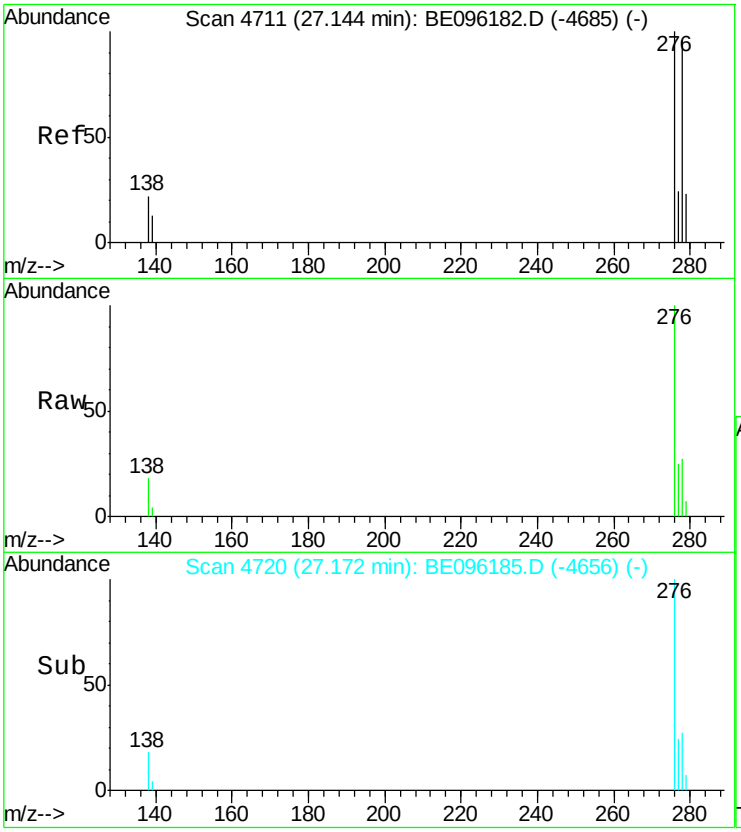


#24
Indeno(1,2,3-cd)pyrene
Concen: 17.603 ng/ul
RT: 27.18 min Scan# 4721
Delta R.T. 0.05 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:276 Resp: 412194

Ion	Ratio	Lower	Upper
276	100		
138	18.4	28.0	42.0#
227	0.0	8.0	12.0#





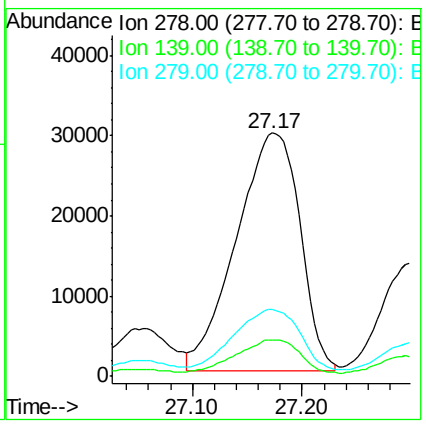
#25
Dibenzo(a,h)anthracene
Concen: 6.102 ng/ul m
RT: 27.17 min Scan# 4720
Delta R.T. 0.03 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

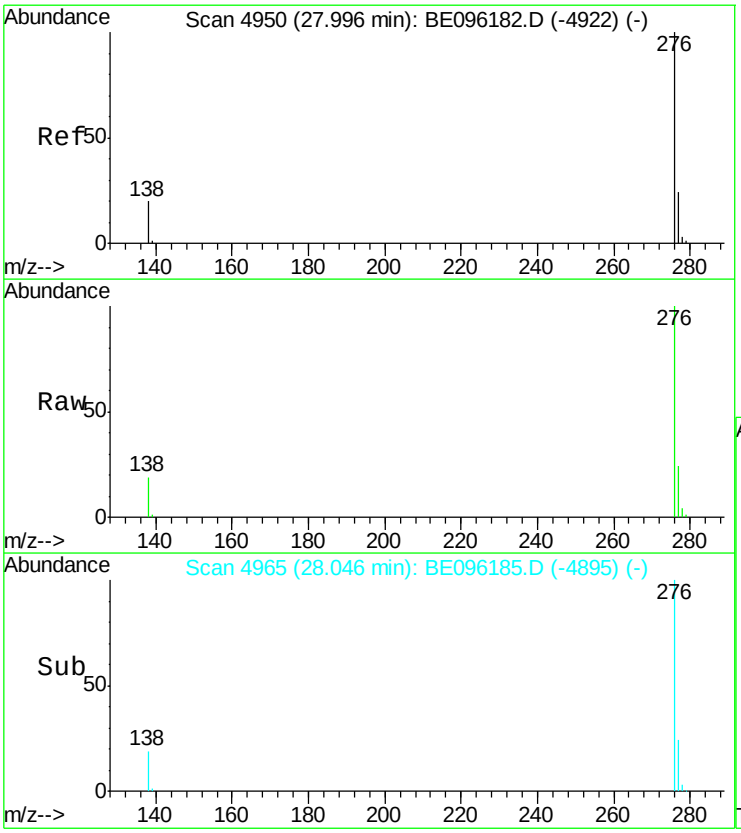
Tgt Ion:278 Resp: 119649

Ion	Ratio	Lower	Upper
278	100		
139	14.8	17.4	26.0#
279	27.4	25.9	38.9

Instrument :
BNA_E
ClientSampleId :
DASP5RE

Manual Integrations APPROVED
Sohil
4/27/2018 7:29:22 PM





#26
Benzo(g,h,i)perylene
Concen: 16.435 ng/ul
RT: 28.05 min Scan# 4965
Delta R.T. 0.05 min
Lab File: BE096185.D
Acq: 26 Apr 2018 18:44

Tgt Ion:276 Resp: 335001

Ion	Ratio	Lower	Upper
276	100		
138	18.9	21.8	32.8#
277	24.3	20.5	30.7