Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093785.D
Acq On : 14 Aug 2017 11:57
Operator : SJ/JU
Sample : I4455-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD6

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:12 PM

Quant Time: Aug 14 18:30:09 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2504	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12751	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7659	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17889	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19099	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	21116	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4976	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	15784	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	8263	0.266	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	6247	0.276	ng/ul	99
9) Fluorene	15.57	166	874	0.027	ng/ul	91
12) Phenanthrene	17.29	178	1744	0.036	ng/ul#	88
15) Fluoranthene	19.30	202	14829	0.243	ng/ul	84
17) Pyrene	19.66	202	15507	0.278	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	10290	0.186	ng/ul#	87
19) Chrysene	21.44	228	9642	0.182	ng/ul	97
21) Benzo(b)fluoranthene	23.15	252	12038m	0.184	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	3687m	0.057	ng/ul	
23) Benzo(a)pyrene	23.80	252	8581	0.138	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.55	276	4744	0.069	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.56	278	1273	0.022	ng/ul#	59
26) Benzo(g,h,i)perylene	27.36	276	3896	0.067	ng/ul	92

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

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Manual Integrations APPROVED
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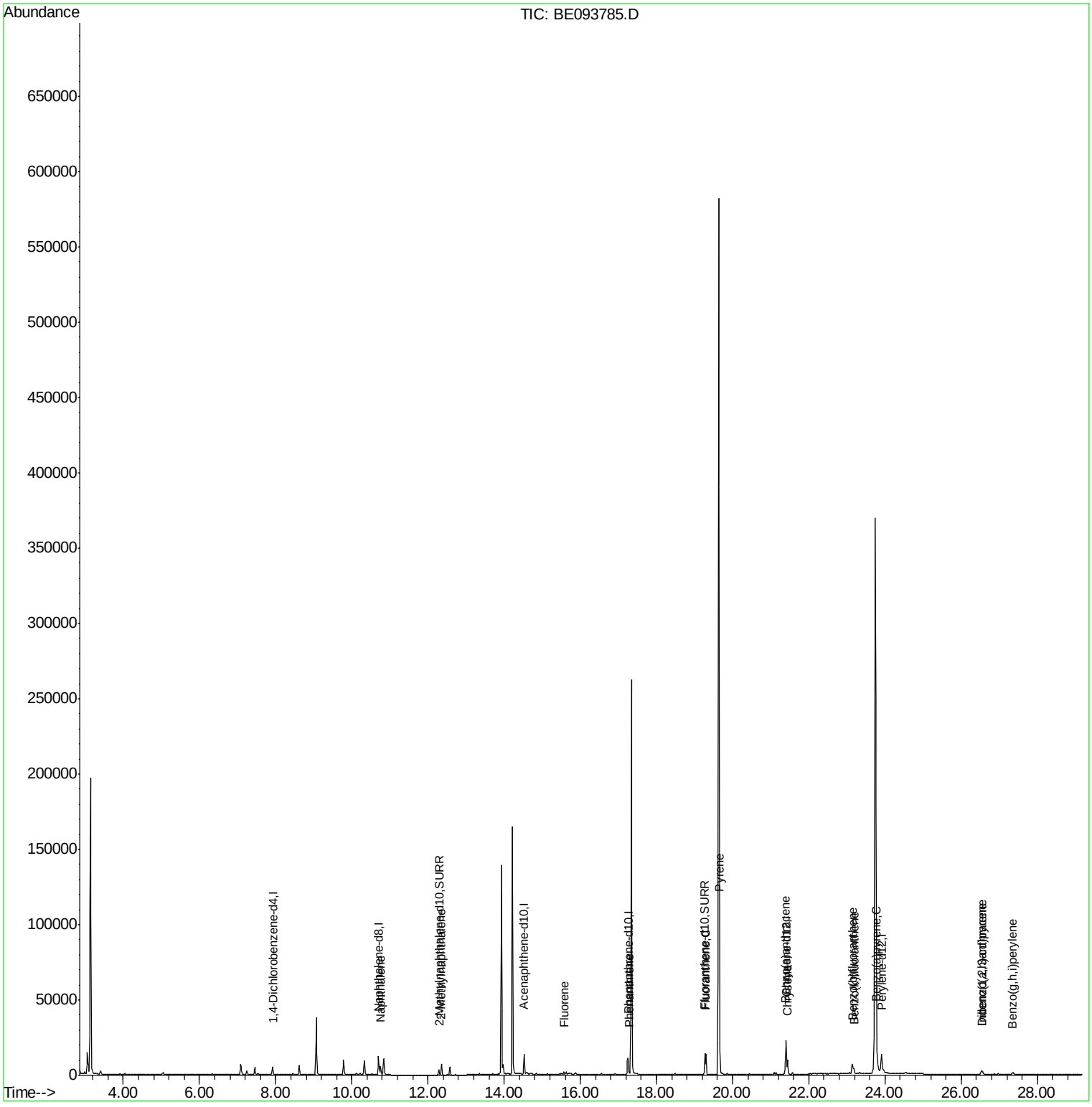

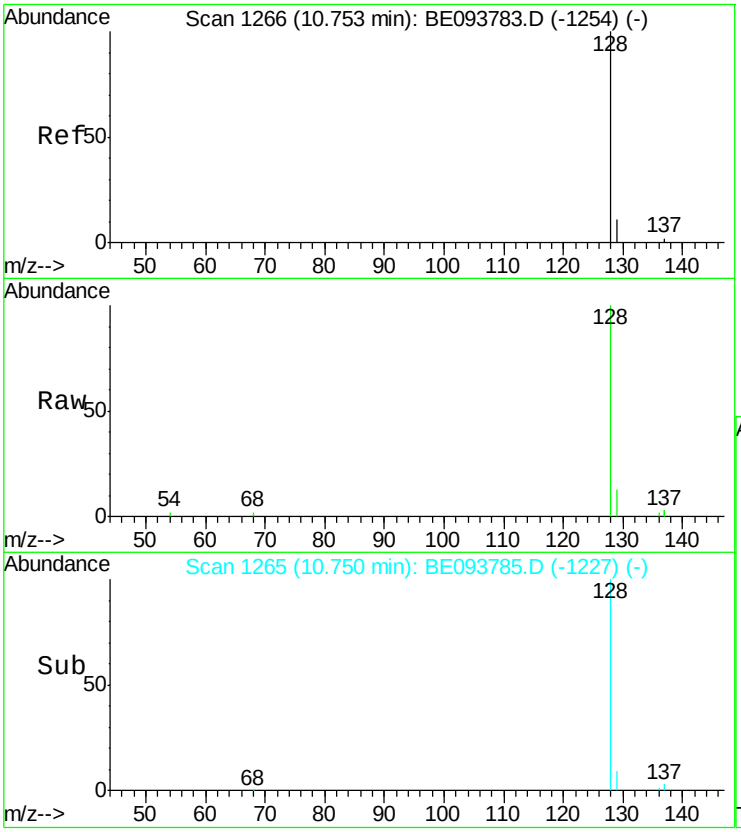

#3
Naphthalene
Concen: 0.266 ng/ul
RT: 10.75 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:128 Resp: 8263

Ion	Ratio	Lower	Upper
128	100		
129	12.7	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AD6

Manual Integrations APPROVED
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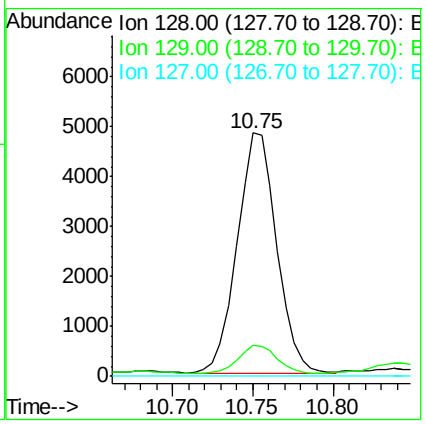
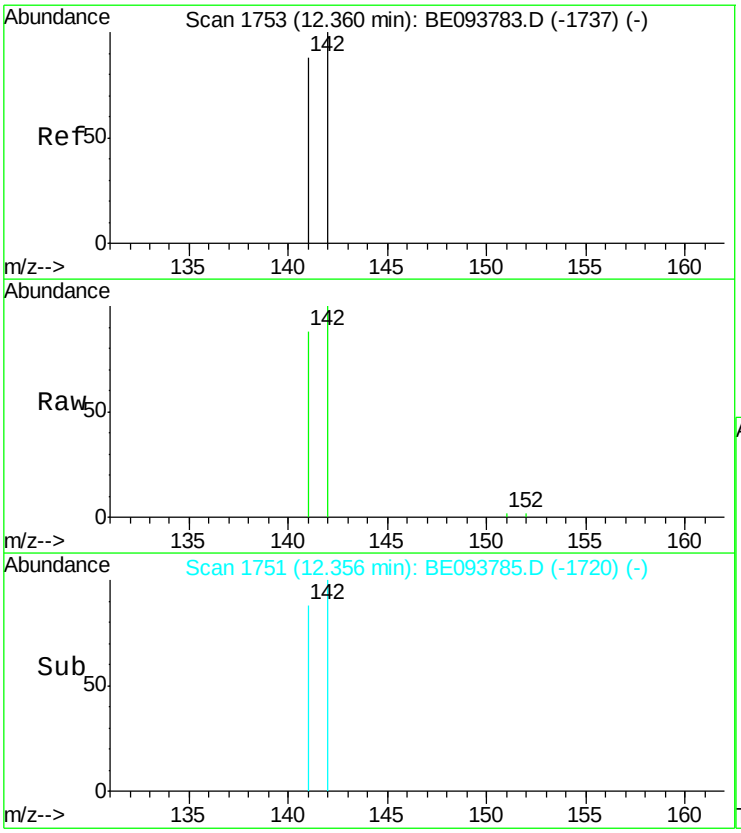
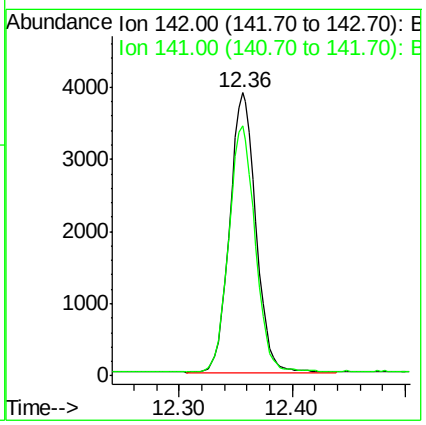


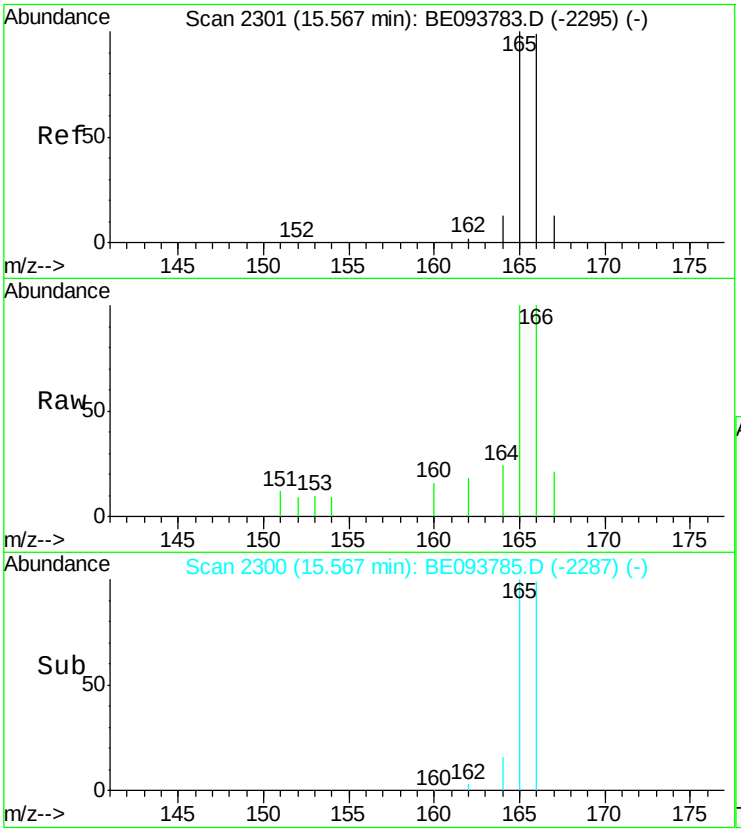


#5
2-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.36 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:142 Resp: 6247

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	108.8

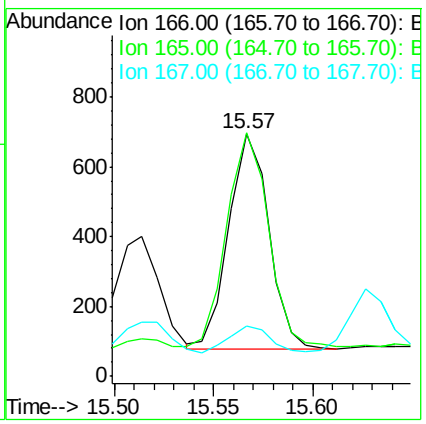




#9
Fluorene
Concen: 0.027 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:166 Resp: 874

Ion	Ratio	Lower	Upper
166	100		
165	100.4	73.4	110.2
167	20.9	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AD6

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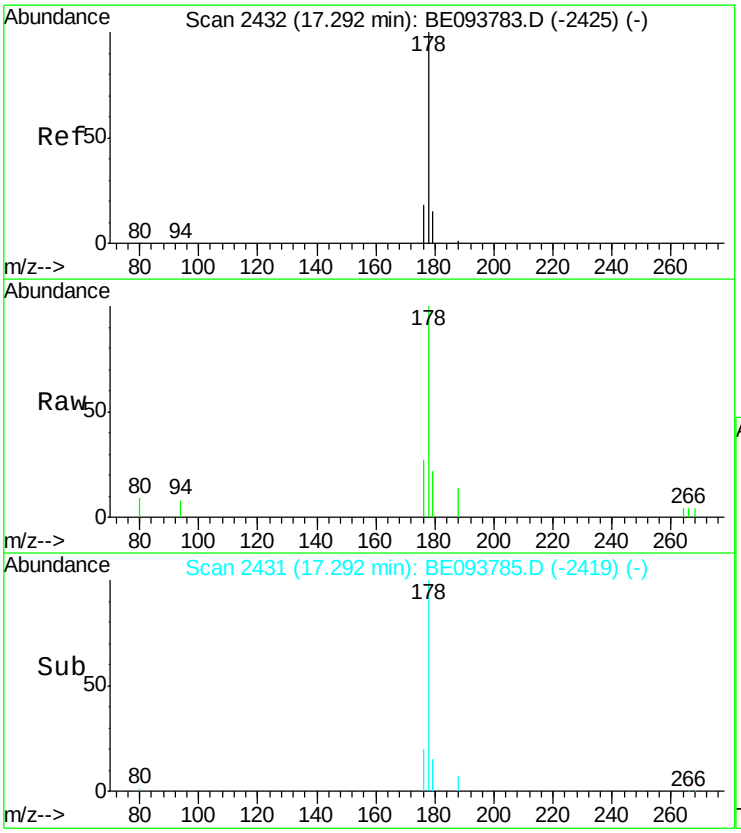
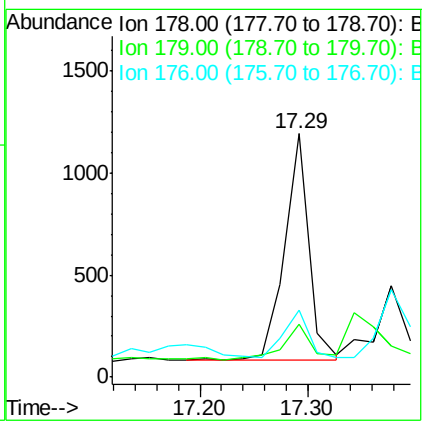
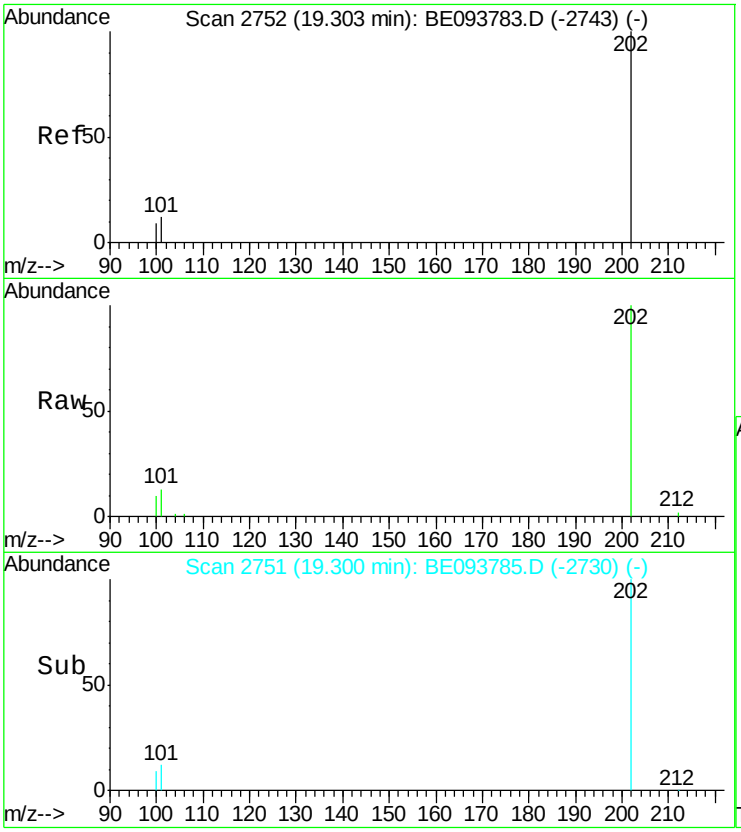


#12
Phenanthrene
Concen: 0.036 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:178 Resp: 1744

Ion	Ratio	Lower	Upper
178	100		
179	21.9	18.4	27.6
176	27.4	13.6	20.4#

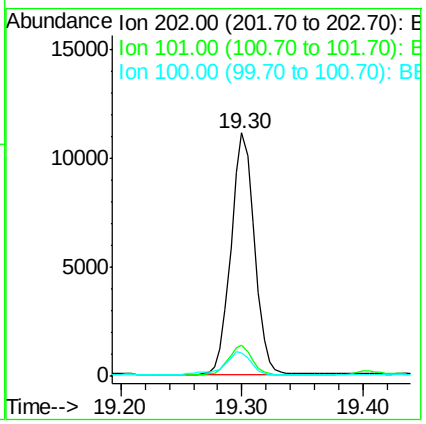




#15
Fluoranthene
Concen: 0.243 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:202 Resp: 14829

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.3
100	9.6	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AD6

Manual Integrations APPROVED
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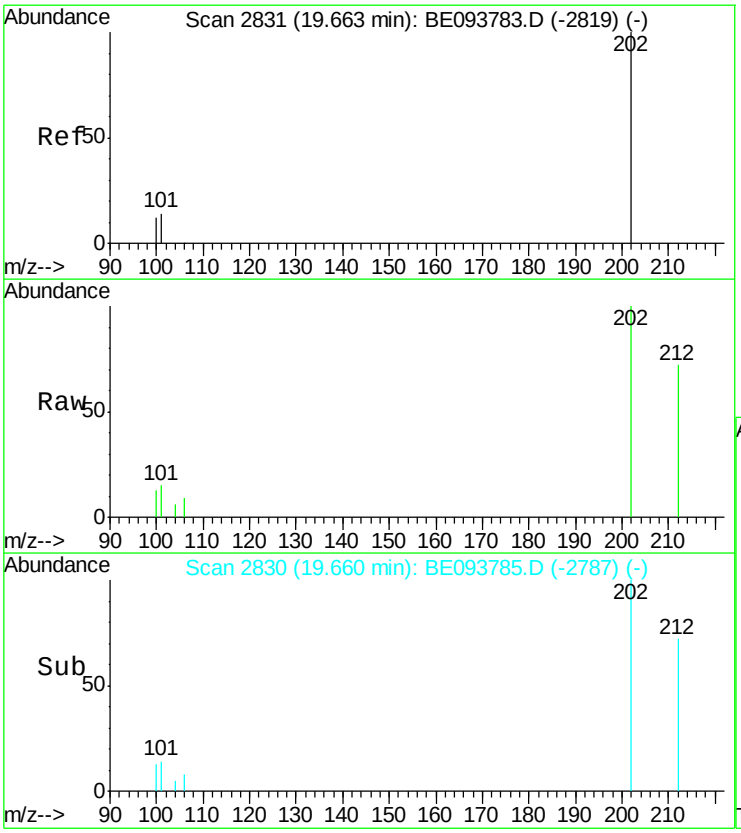
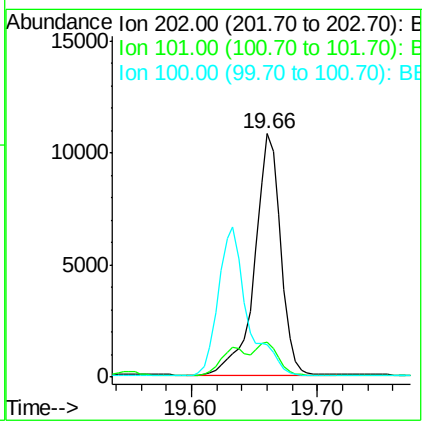
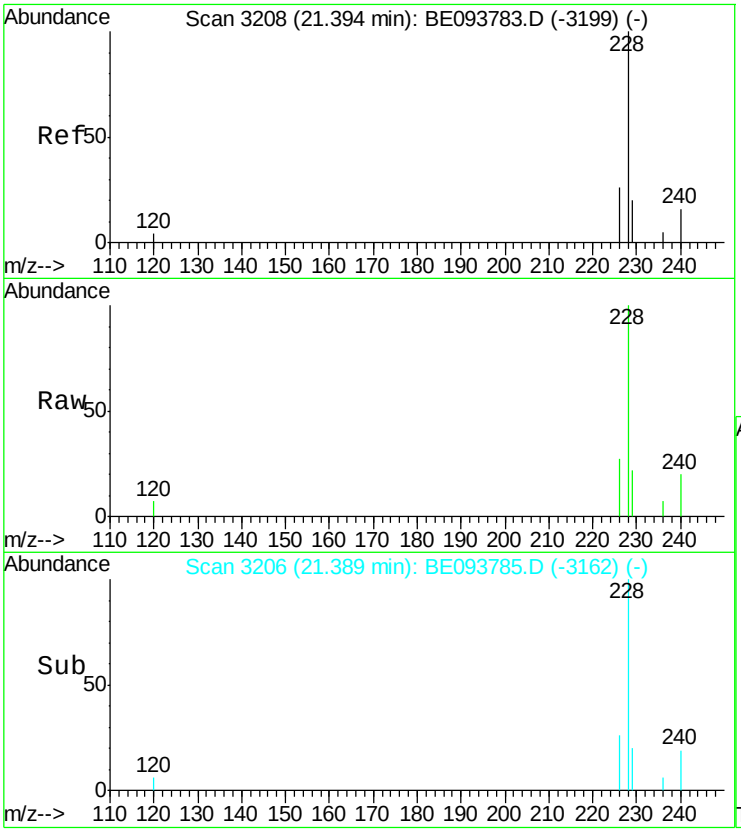


#17
Pyrene
Concen: 0.278 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:202 Resp: 15507

Ion	Ratio	Lower	Upper
202	100		
101	14.6	18.2	27.4#
100	13.4	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.186 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:228 Resp: 10290

Ion	Ratio	Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	27.3	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0AD6

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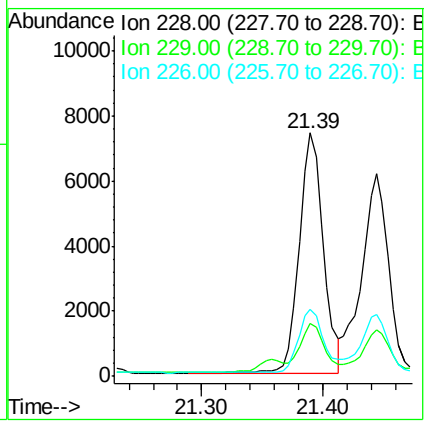
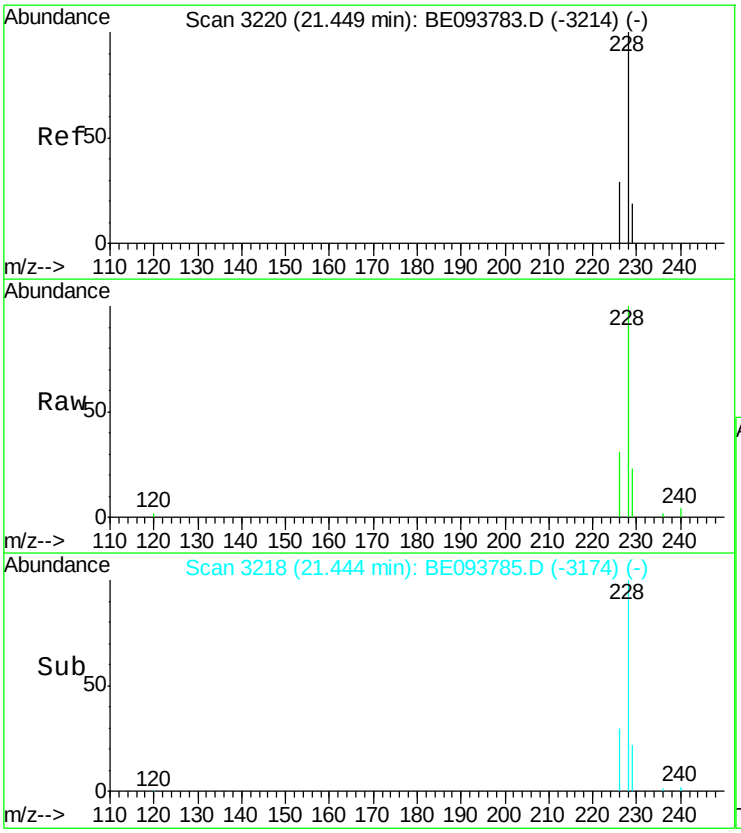
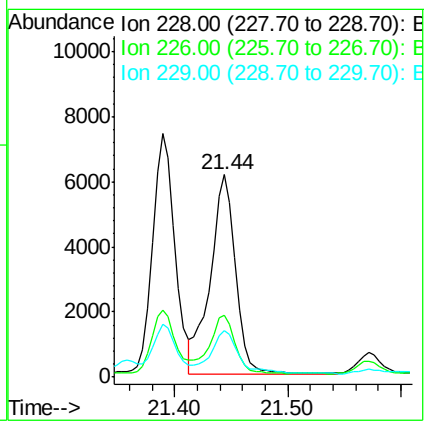


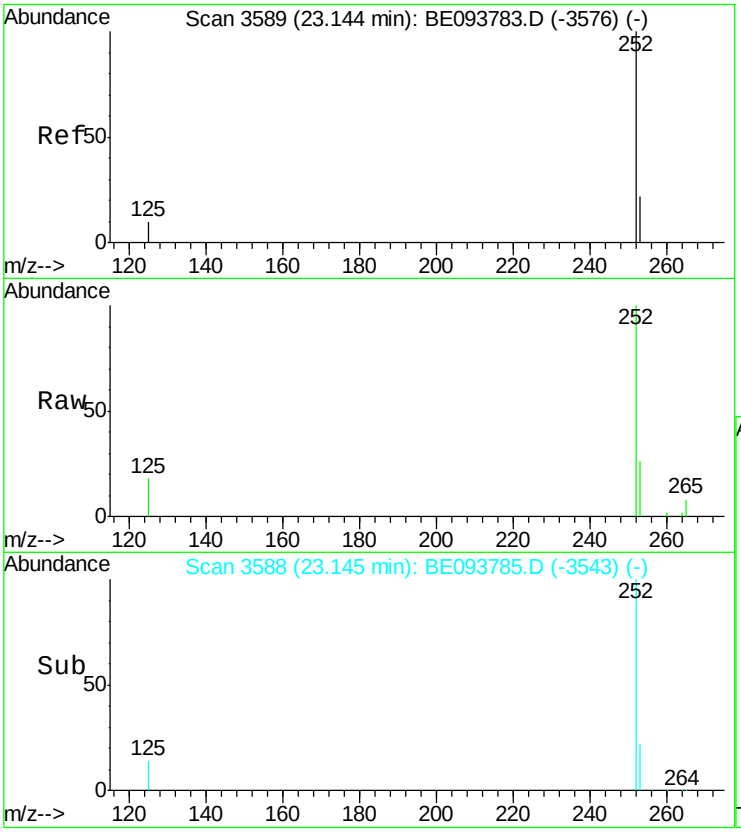


#19
Chrysene
Concen: 0.182 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:228 Resp: 9642

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	23.2	17.7	26.5

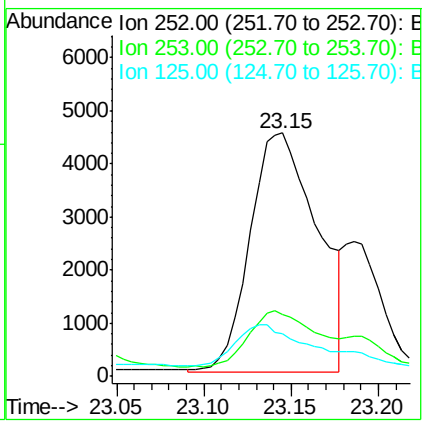




#21
Benzo(b)fluoranthene
Concen: 0.184 ng/ul m
RT: 23.15 min Scan# 3588
Delta R.T. 0.01 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:252 Resp: 12038

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	64.2
125	17.6	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0AD6

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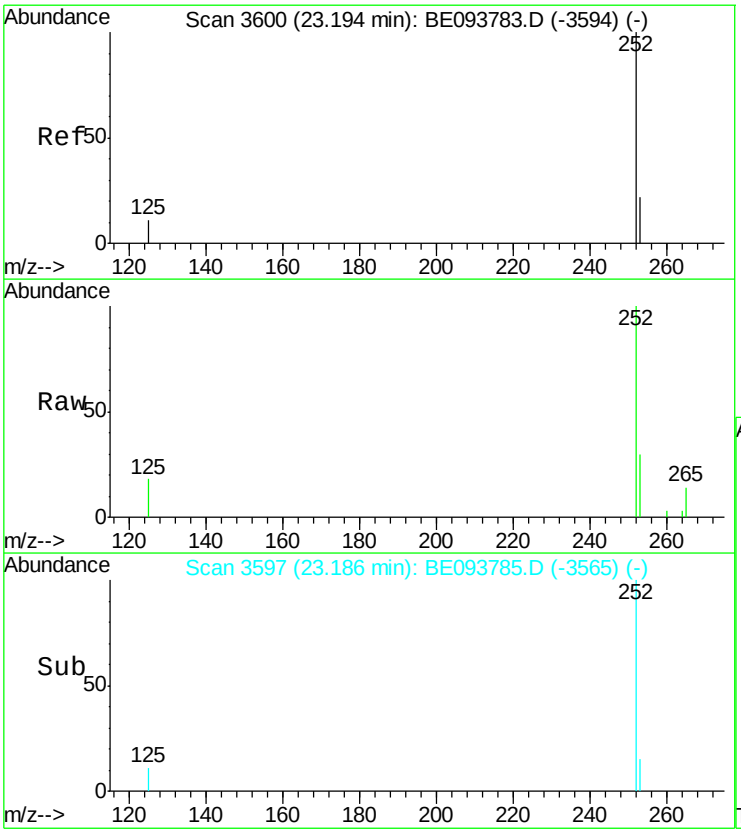
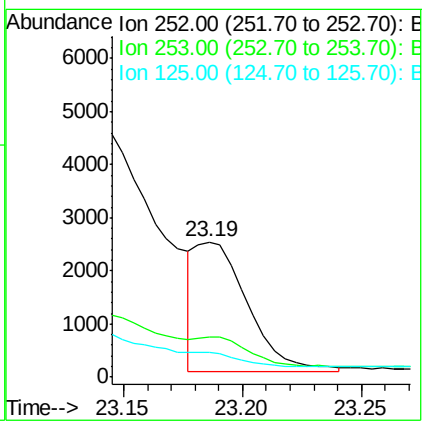
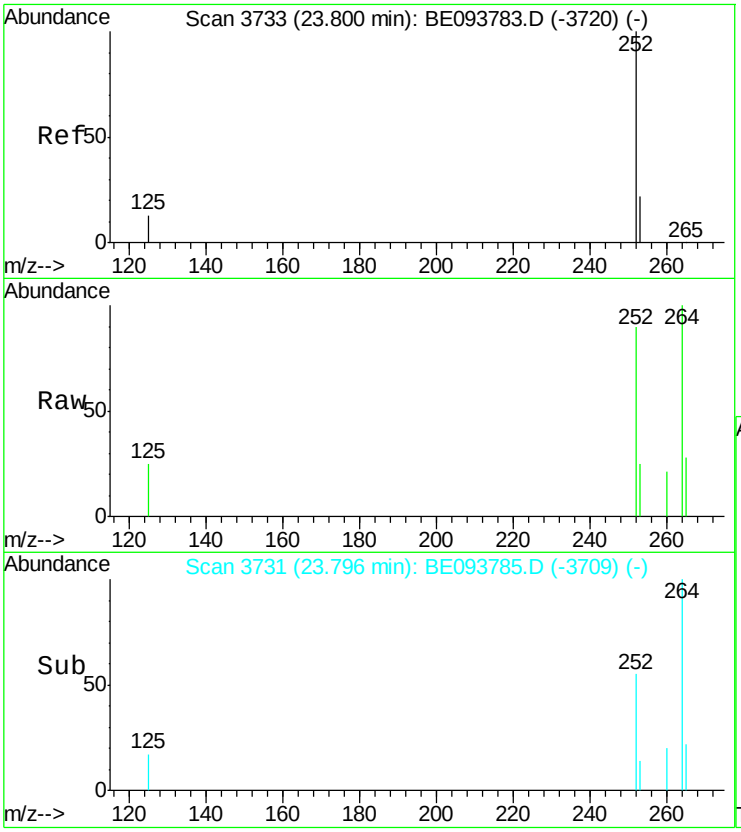


#22
Benzo(k)fluoranthene
Concen: 0.057 ng/ul m
RT: 23.19 min Scan# 3597
Delta R.T. -0.00 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:252 Resp: 3687

Ion	Ratio	Lower	Upper
252	100		
253	29.7	24.5	36.7
125	17.8	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.138 ng/ul
RT: 23.80 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:252 Resp: 8581

Ion	Ratio	Lower	Upper
252	100		
253	28.0	28.5	42.7#
125	27.6	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
C0AD6

Manual Integrations APPROVED
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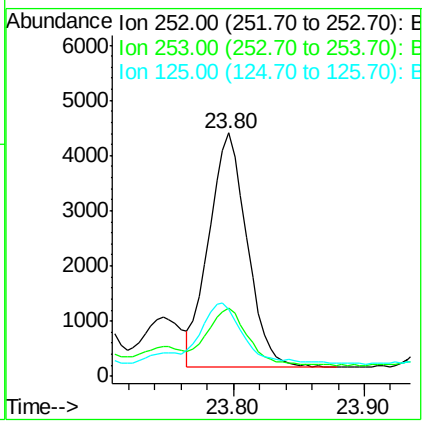
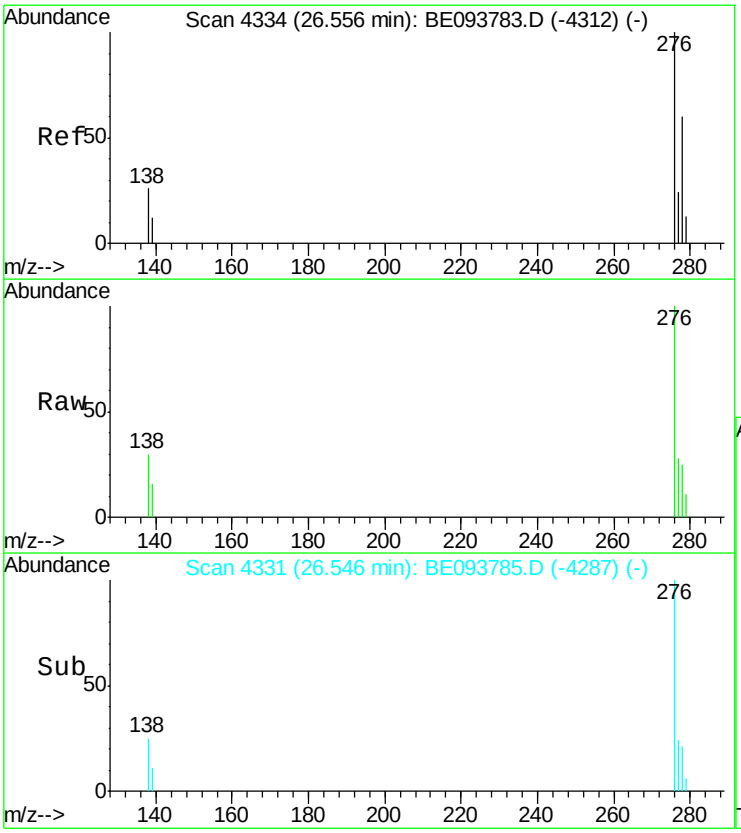
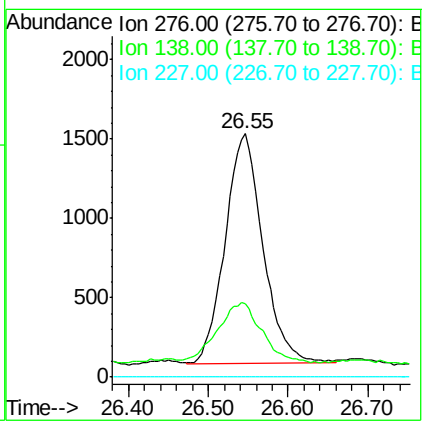


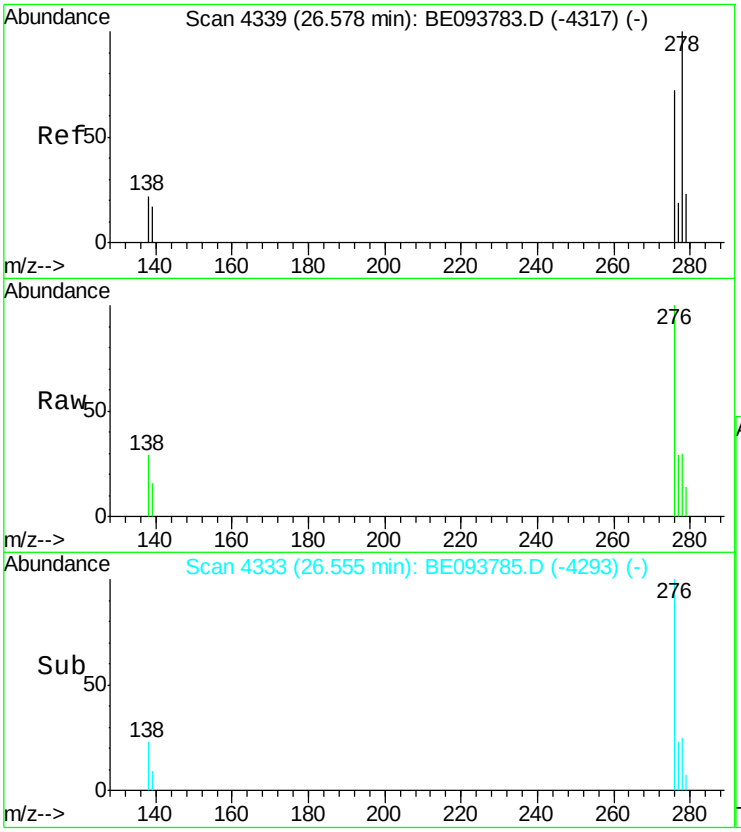


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul
RT: 26.55 min Scan# 4331
Delta R.T. -0.00 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:276 Resp: 4744

Ion	Ratio	Lower	Upper
276	100		
138	31.0	28.0	42.0
227	0.0	8.0	12.0#

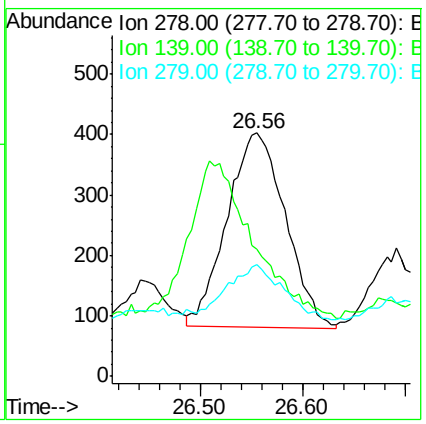




#25
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 26.56 min Scan# 4333
Delta R.T. -0.02 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:278 Resp: 1273

Ion	Ratio	Lower	Upper
278	100		
139	52.4	17.4	26.0#
279	46.2	25.9	38.9#



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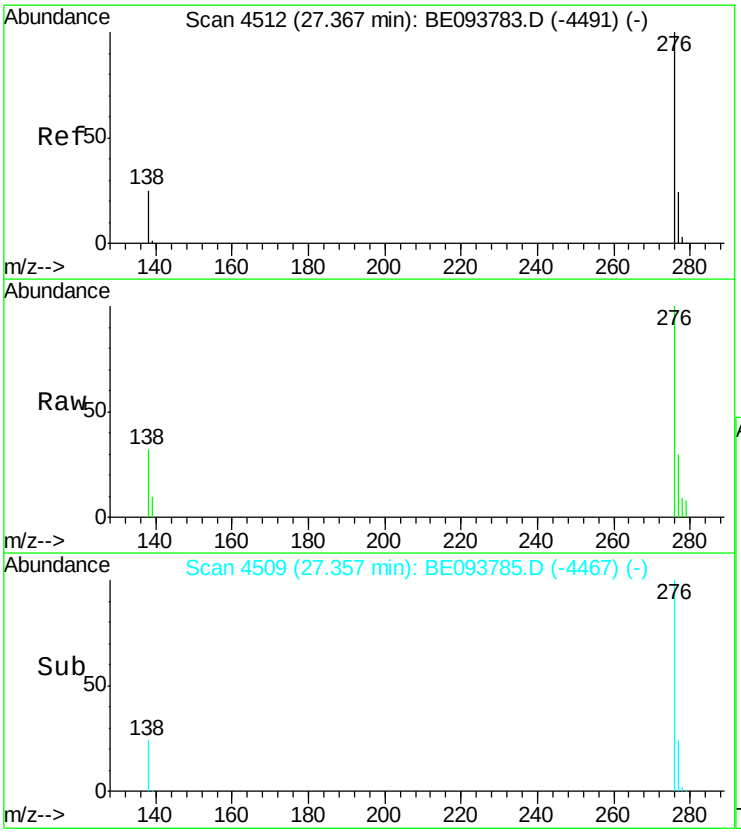

#26
Benzo(g,h,i)perylene
Concen: 0.067 ng/ul
RT: 27.36 min Scan# 4509
Delta R.T. -0.01 min
Lab File: BE093785.D
Acq: 14 Aug 2017 11:57

Tgt Ion:276 Resp: 3896

Ion	Ratio	Lower	Upper
276	100		
138	31.5	21.8	32.8
277	29.6	20.5	30.7