Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
Data File : BE093589.D
Acq On : 25 Jul 2017 22:21
Operator : SJ/JU
Sample : I4209-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B21

Manual Integrations APPROVED
Sohil
7/26/2017 5:56:07 PM

Quant Time: Jul 26 10:37:24 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2418	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12833	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8425	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19809m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	21081	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	18795m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6821	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	20775	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	3023	0.097	ng/ul#	96
5) 2-Methylnaphthalene	12.37	142	577	0.025	ng/ul	99
12) Phenanthrene	17.29	178	1869	0.035	ng/ul#	90
15) Fluoranthene	19.30	202	3916	0.058	ng/ul	86
17) Pyrene	19.67	202	4055	0.066	ng/ul#	88
18) Benzo(a)anthracene	21.39	228	2588	0.042	ng/ul#	88
19) Chrysene	21.45	228	2765	0.047	ng/ul	92
21) Benzo(b)fluoranthene	23.14	252	4359	0.075	ng/ul	87
23) Benzo(a)pyrene	23.80	252	3430m	0.062	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	2115m	0.041	ng/ul	

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

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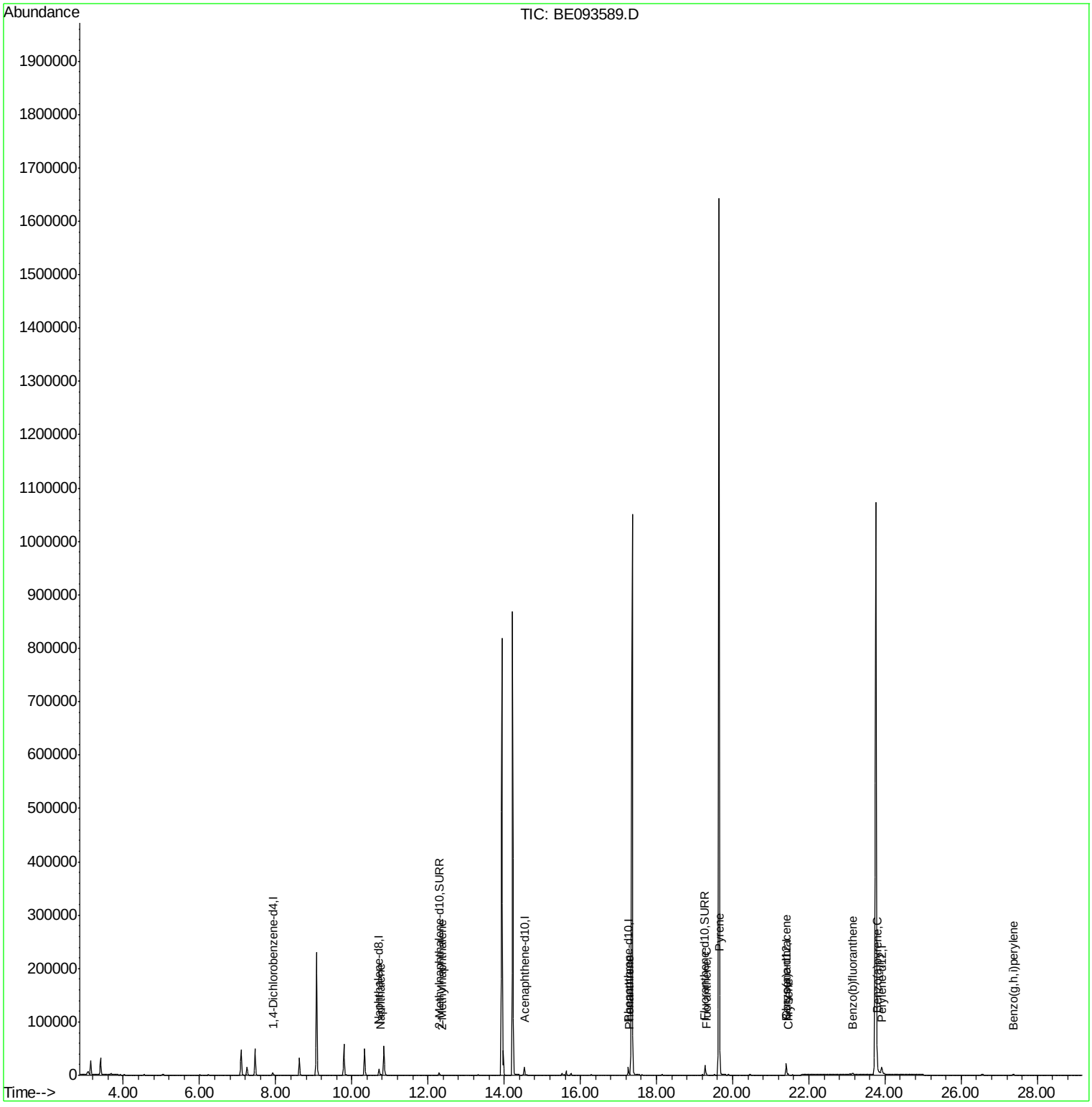

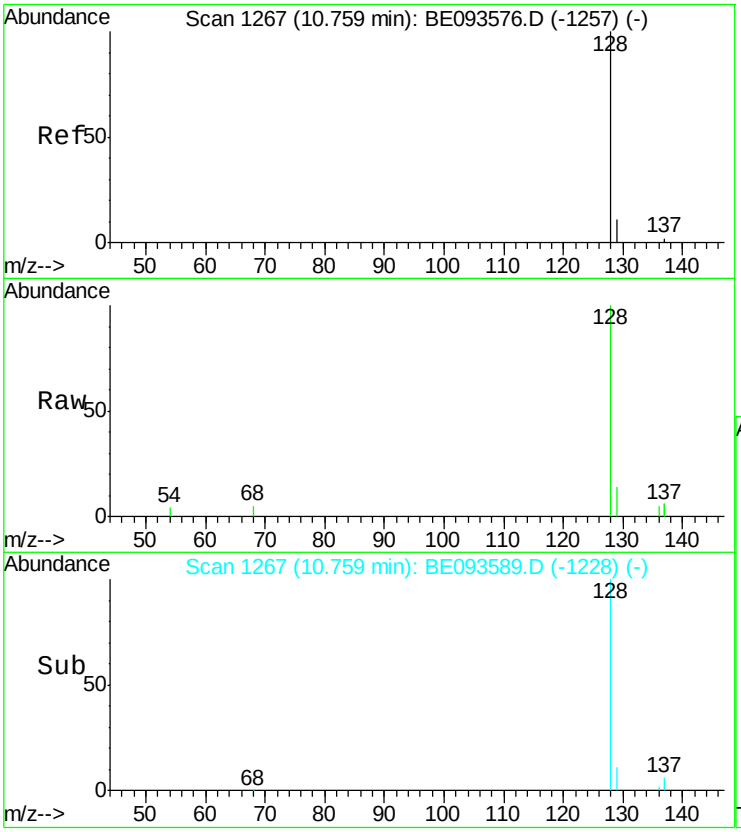

#3
Naphthalene
Concen: 0.097 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE093589.D
Acq: 25 Jul 2017 22:21

Tgt Ion:128 Resp: 3023

Ion	Ratio	Lower	Upper
128	100		
129	14.3	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0B21

Manual Integrations APPROVED
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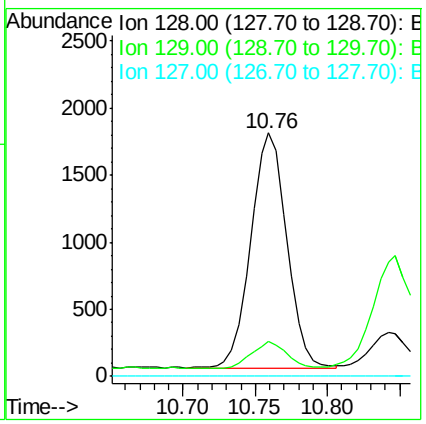
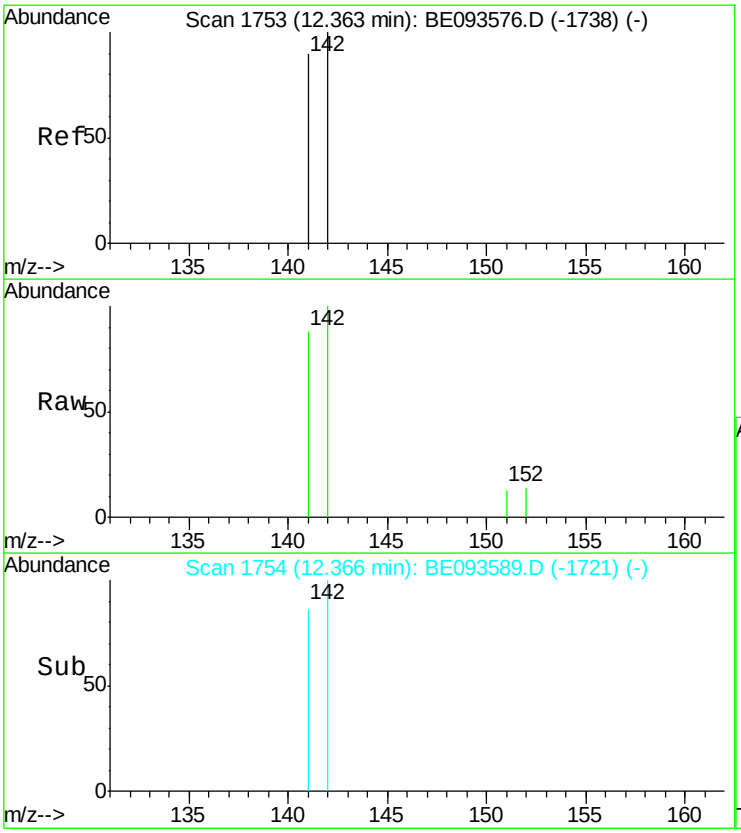
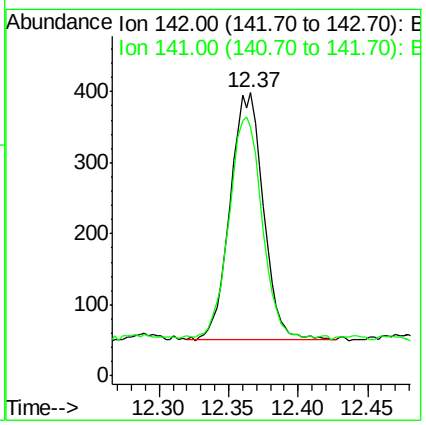


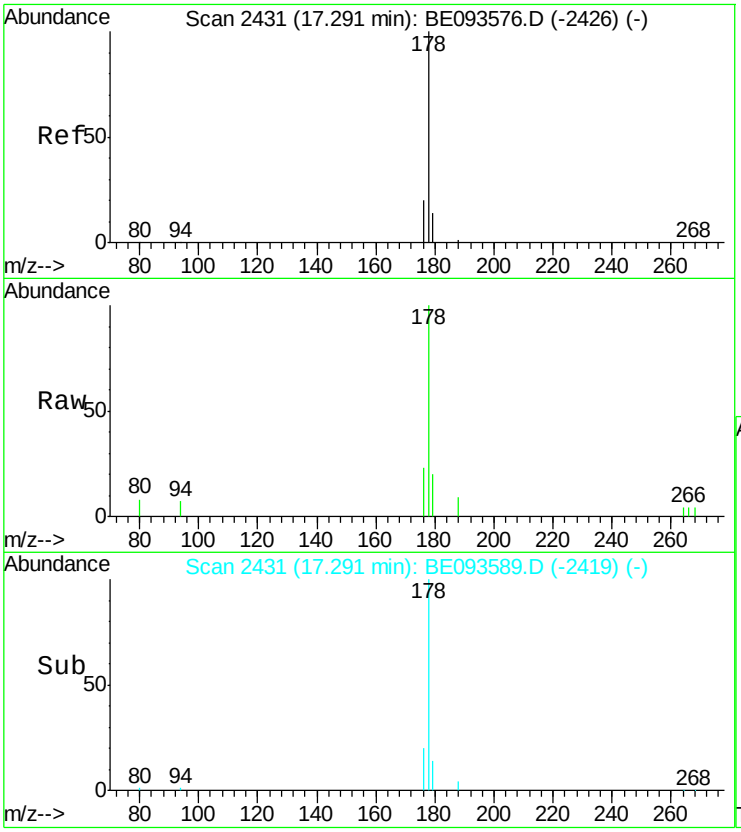


#5
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.37 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BE093589.D
Acq: 25 Jul 2017 22:21

Tgt Ion:142 Resp: 577

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	108.8

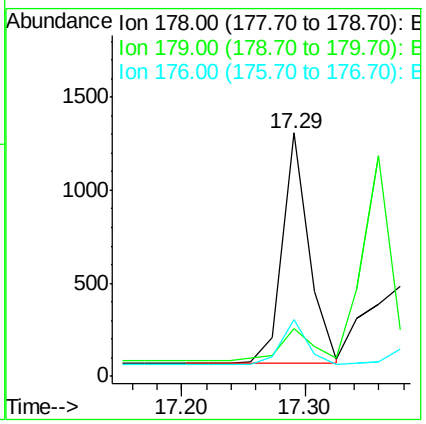




#12
Phenanthrene
Concen: 0.035 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093589.D
Acq: 25 Jul 2017 22:21

Tgt Ion:178 Resp: 1869

Ion	Ratio	Lower	Upper
178	100		
179	19.7	18.4	27.6
176	23.2	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
C0B21

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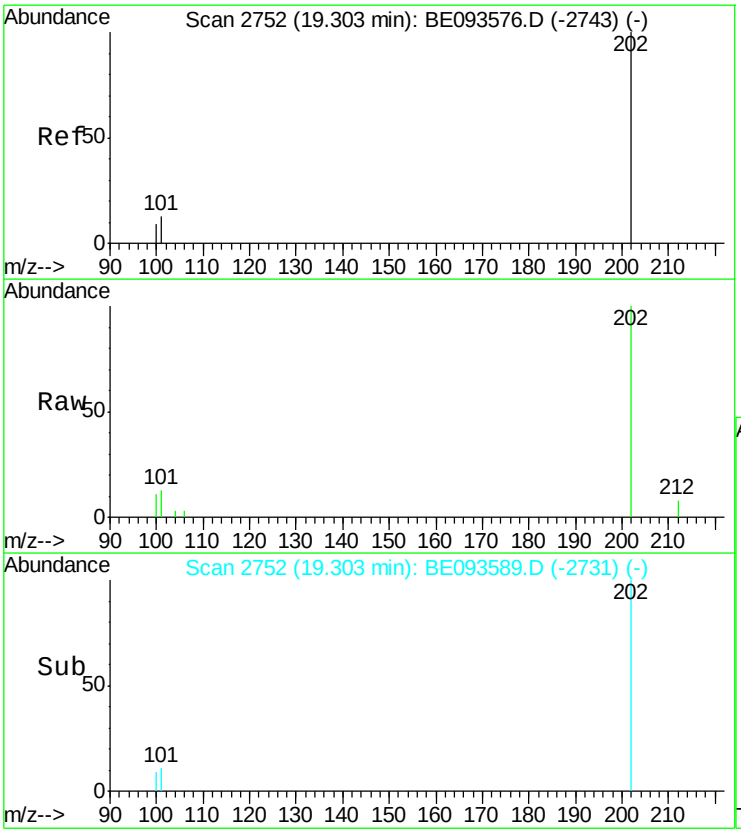
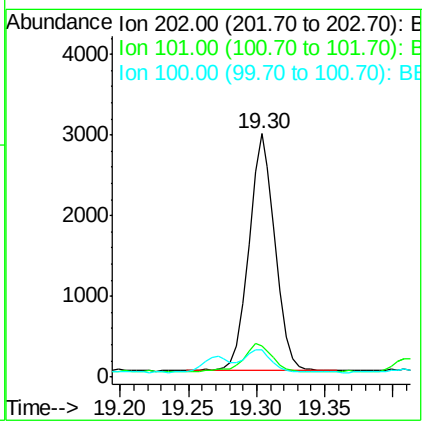
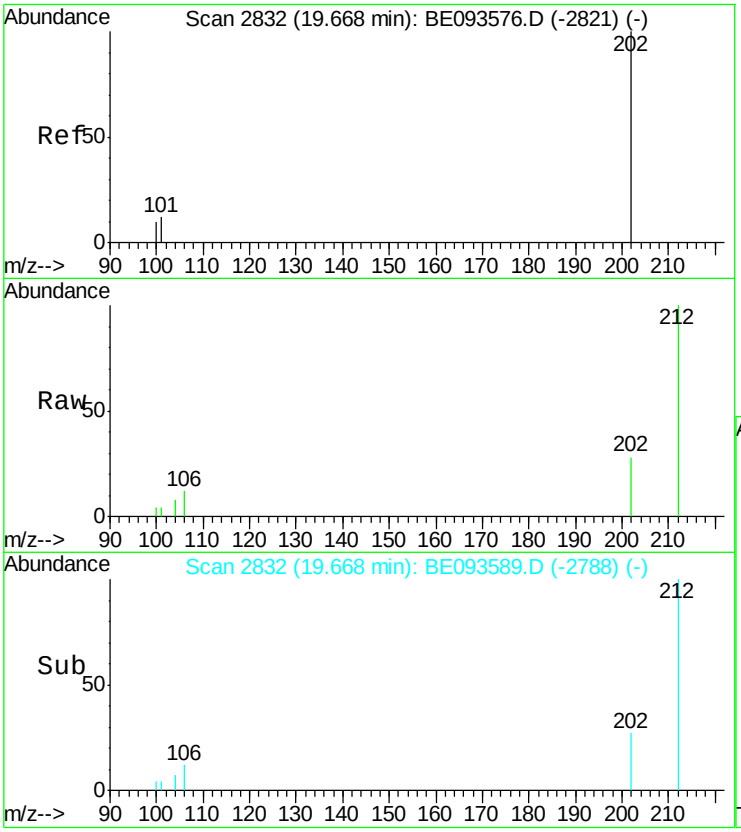


#15
Fluoranthene
Concen: 0.058 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BE093589.D
Acq: 25 Jul 2017 22:21

Tgt Ion:202 Resp: 3916

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.3
100	11.4	0.0	39.5





#17
Pyrene
Concen: 0.066 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE093589.D
Acq: 25 Jul 2017 22:21

Tgt Ion:202 Resp: 4055

Ion	Ratio	Lower	Upper
202	100		
101	15.6	18.2	27.4#
100	15.7	15.6	23.4

Instrument :
BNA_E
ClientSampleId :
C0B21

Manual Integrations APPROVED
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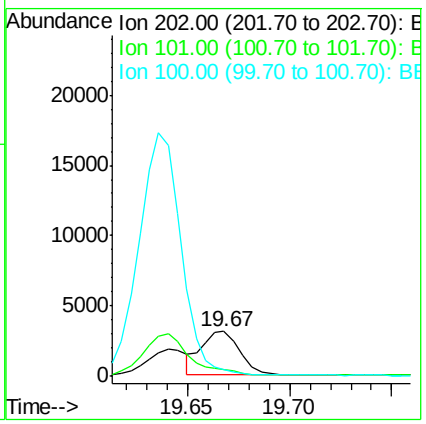
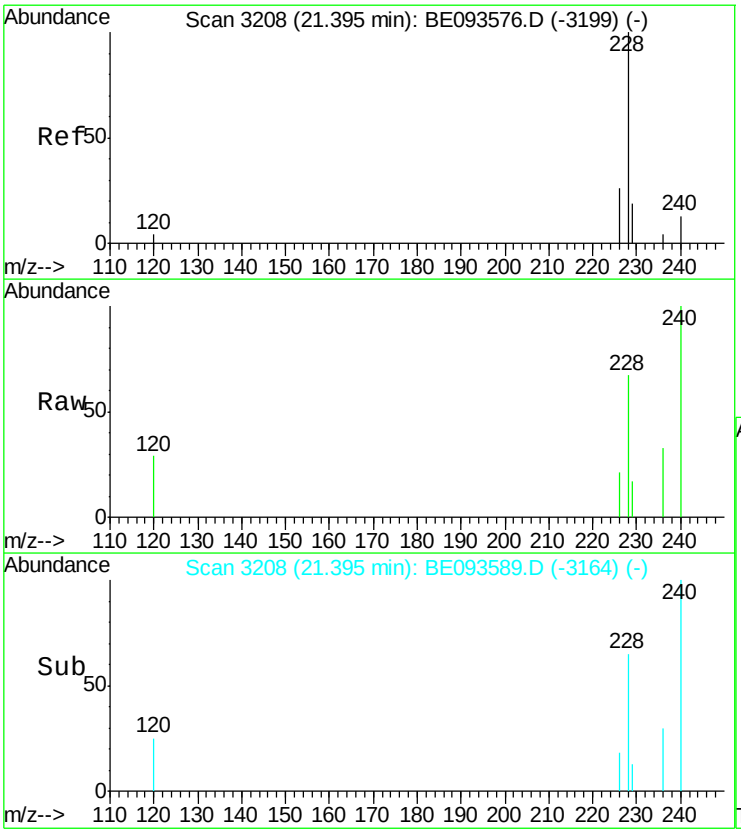
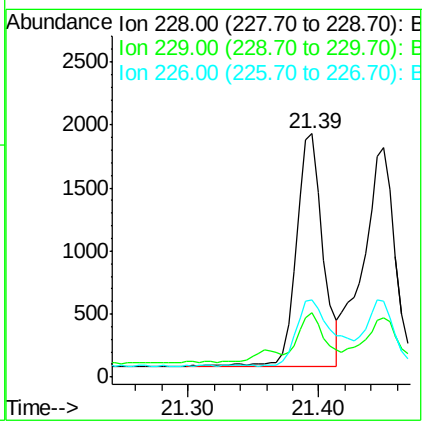


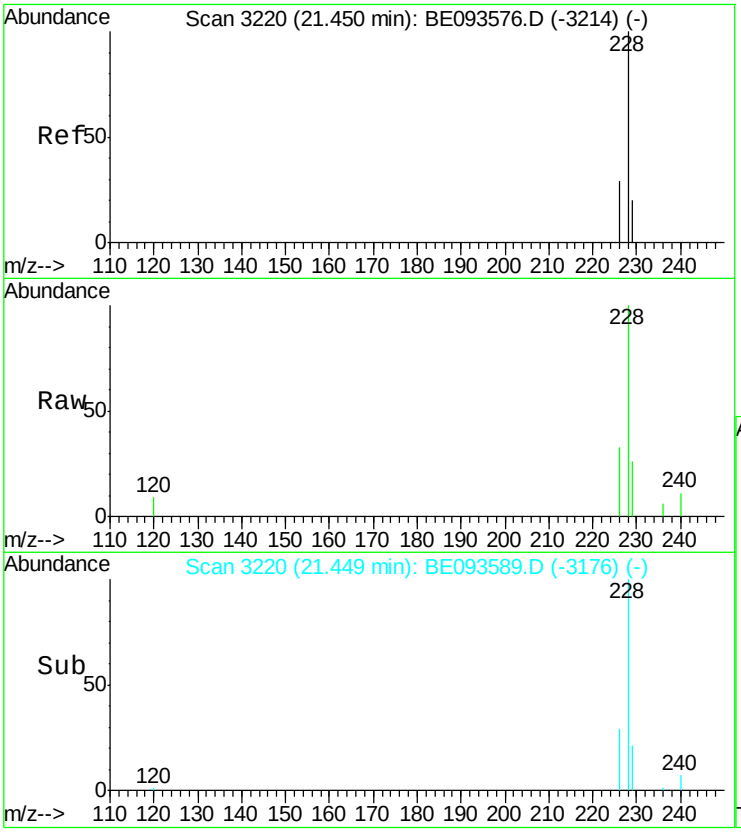


#18
Benzo(a)anthracene
Concen: 0.042 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE093589.D
Acq: 25 Jul 2017 22:21

Tgt Ion:228 Resp: 2588

Ion	Ratio	Lower	Upper
228	100		
229	26.3	22.8	34.2
226	31.5	17.0	25.6#





#19
Chrysene
Concen: 0.047 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BE093589.D
Acq: 25 Jul 2017 22:21

Tgt Ion:228 Resp: 2765

Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.4	35.0
229	26.1	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
C0B21

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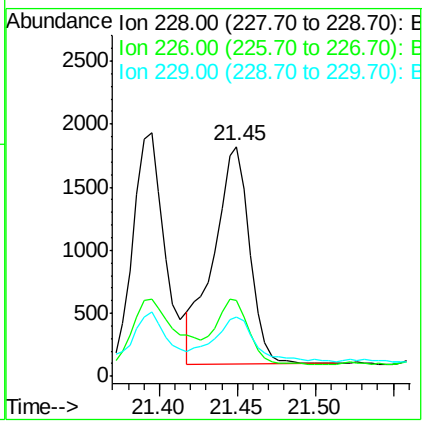
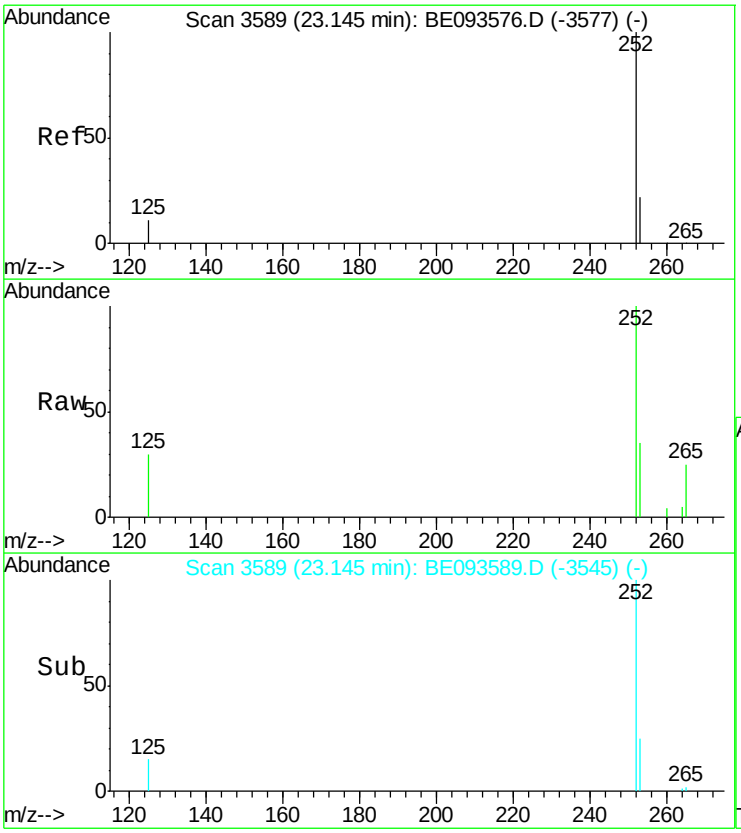
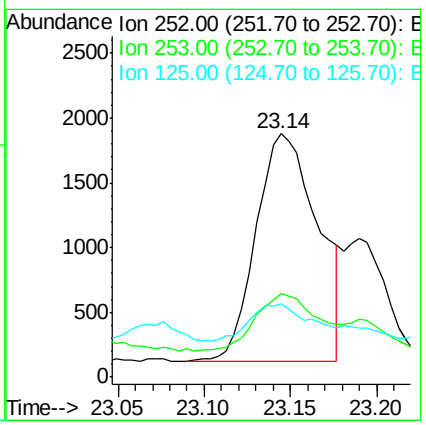


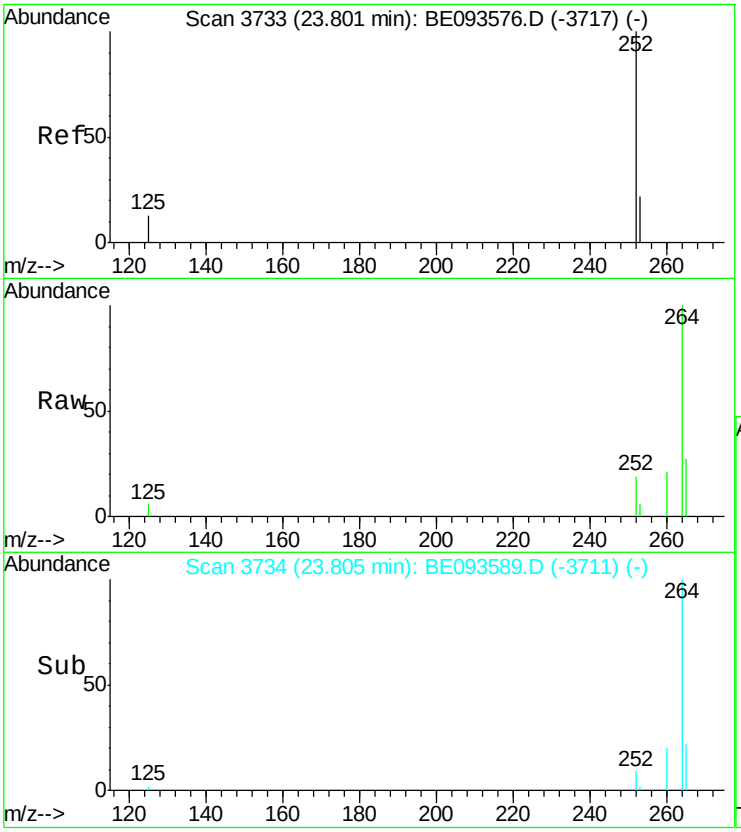


#21
Benzo(b)fluoranthene
Concen: 0.075 ng/ul
RT: 23.14 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BE093589.D
Acq: 25 Jul 2017 22:21

Tgt Ion:252 Resp: 4359

Ion	Ratio	Lower	Upper
252	100		
253	34.5	0.0	64.2
125	30.0	0.0	35.0





#23
Benzo(a)pyrene
Concen: 0.062 ng/ul m
RT: 23.80 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BE093589.D
Acq: 25 Jul 2017 22:21

Tgt Ion:252 Resp: 3430

Ion	Ratio	Lower	Upper
252	100		
253	32.9	28.5	42.7
125	33.8	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
C0B21

Manual Integrations APPROVED
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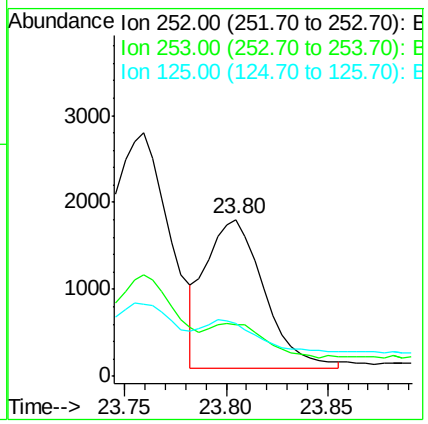

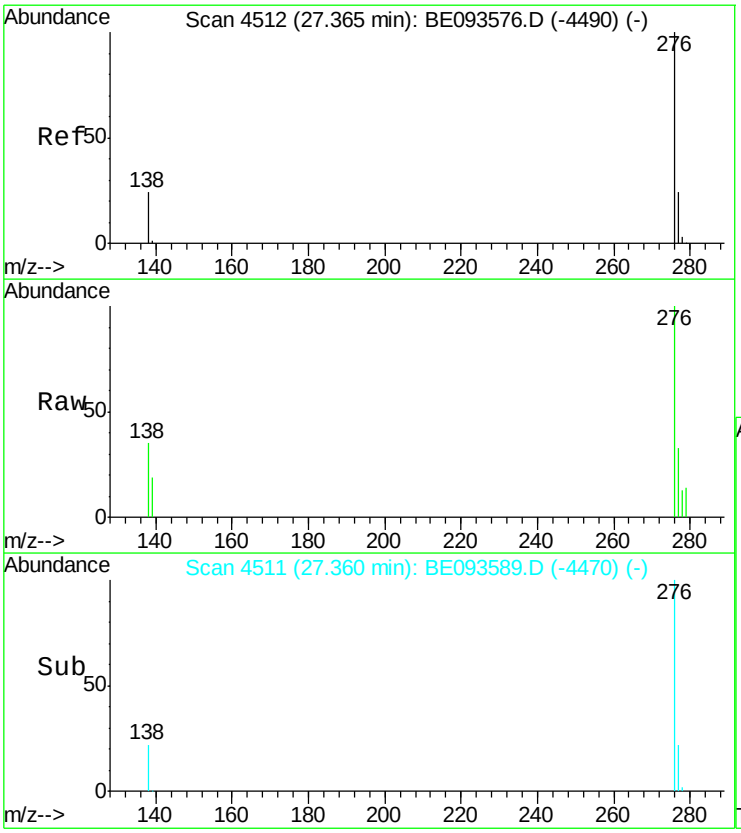

#26
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul m
RT: 27.36 min Scan# 4511
Delta R.T. -0.01 min
Lab File: BE093589.D
Acq: 25 Jul 2017 22:21

Tgt Ion:276 Resp: 2115

Ion	Ratio	Lower	Upper
276	100		
138	34.9	21.8	32.8#
277	32.8	20.5	30.7#