Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
Data File : BE093588.D
Acq On : 25 Jul 2017 21:45
Operator : SJ/JU
Sample : I4209-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B20

Manual Integrations APPROVED
Sohil
7/26/2017 5:56:05 PM

Quant Time: Jul 26 04:46:54 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	7.92	152	2462	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13277	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8777	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21785	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23587	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	20912m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3700	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	12014	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	1101	0.034	ng/ul#	89
12) Phenanthrene	17.29	178	3656	0.062	ng/ul#	89
15) Fluoranthene	19.30	202	9177	0.124	ng/ul	85
17) Pyrene	19.66	202	9994	0.145	ng/ul#	87
18) Benzo(a)anthracene	21.39	228	6482	0.095	ng/ul#	86
19) Chrysene	21.45	228	6293	0.096	ng/ul	96
21) Benzo(b)fluoranthene	23.14	252	8148	0.126	ng/ul	97
22) Benzo(k)fluoranthene	23.19	252	3801m	0.060	ng/ul	
23) Benzo(a)pyrene	23.80	252	6293m	0.102	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	3752m	0.055	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	2952m	0.052	ng/ul	

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

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Manual Integrations APPROVED
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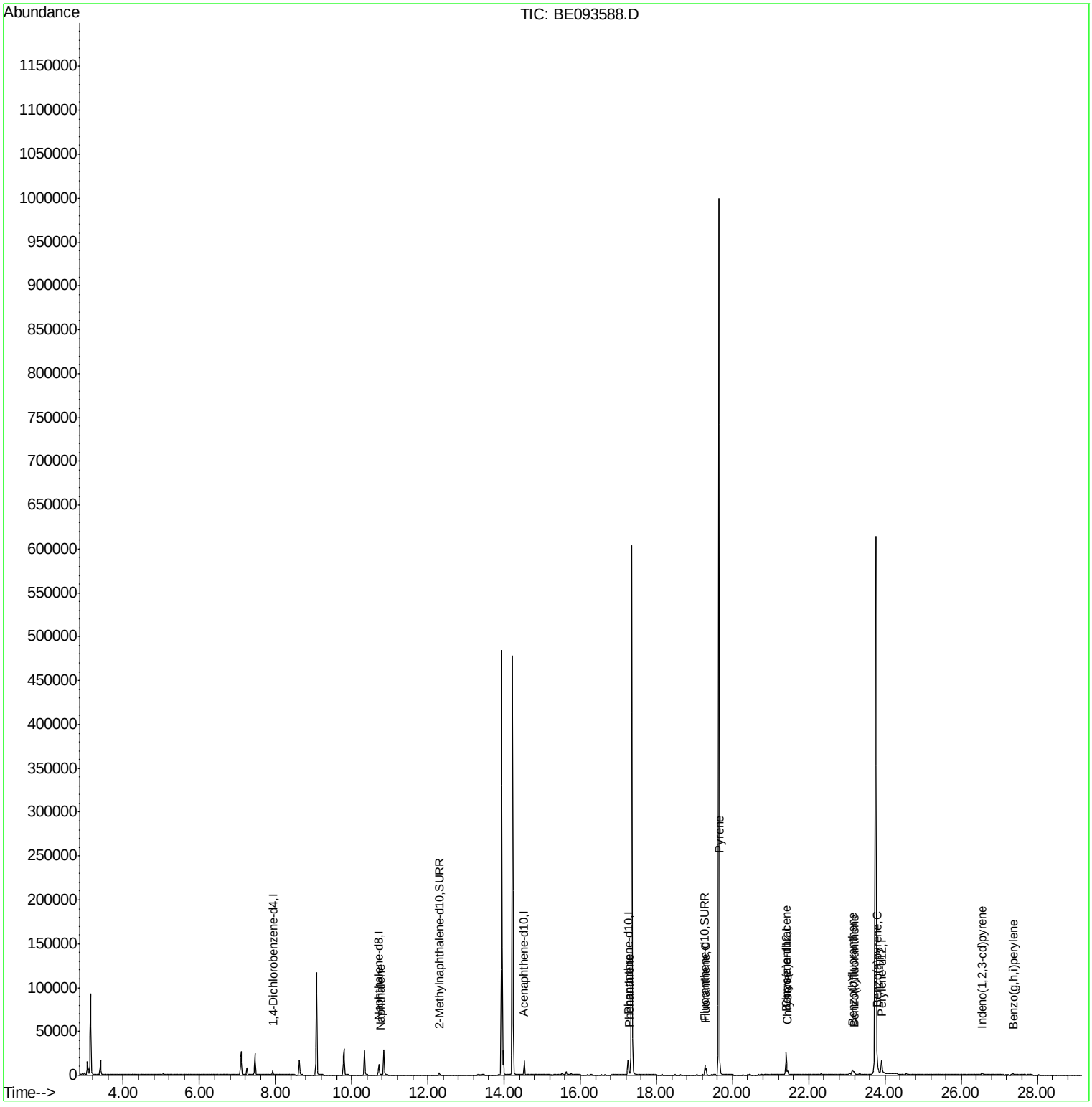

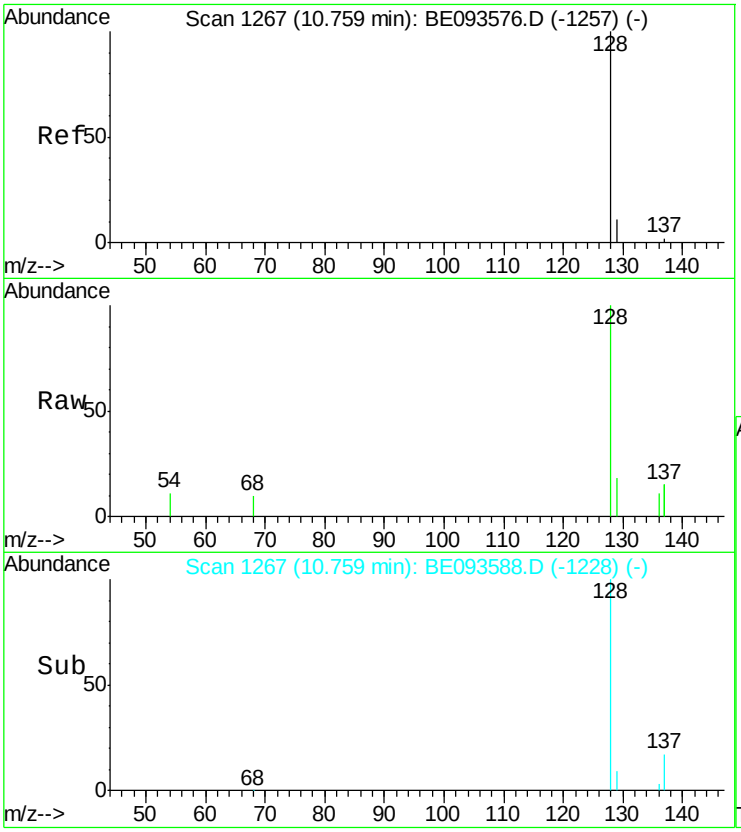

#3
Naphthalene
Concen: 0.034 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BE093588.D
Acq: 25 Jul 2017 21:45

Tgt Ion:128 Resp: 1101

Ion	Ratio	Lower	Upper
128	100		
129	18.2	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0B20

Manual Integrations APPROVED
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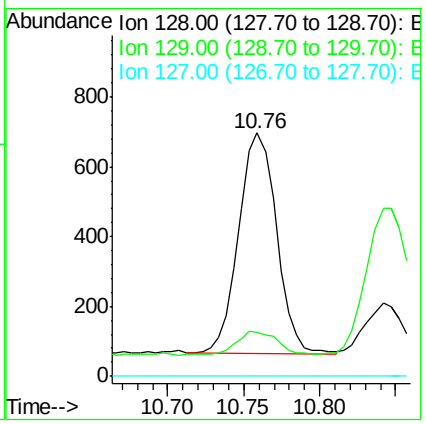
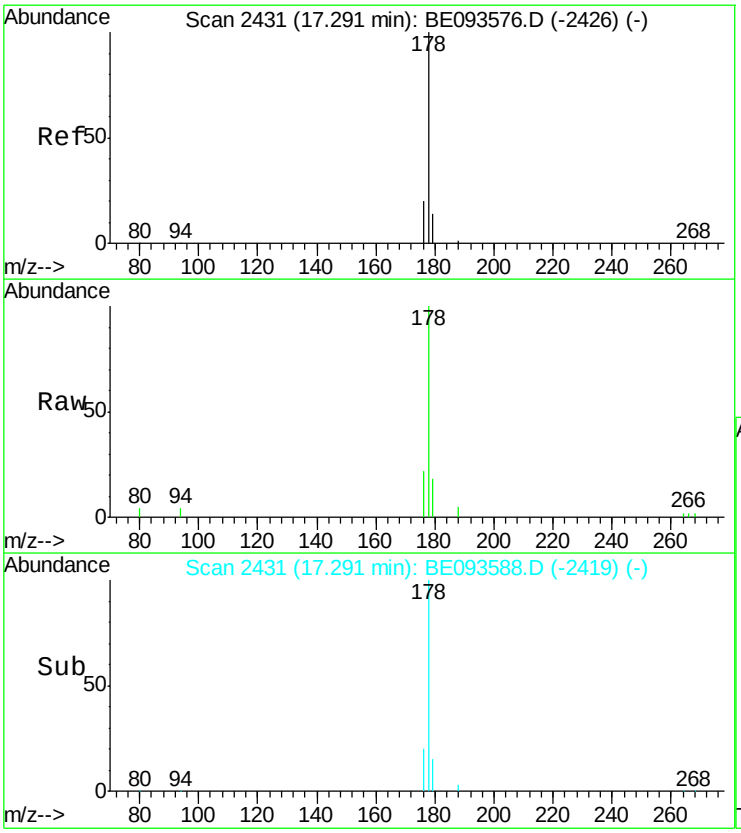
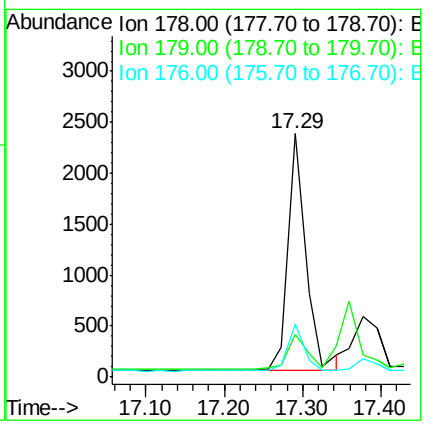


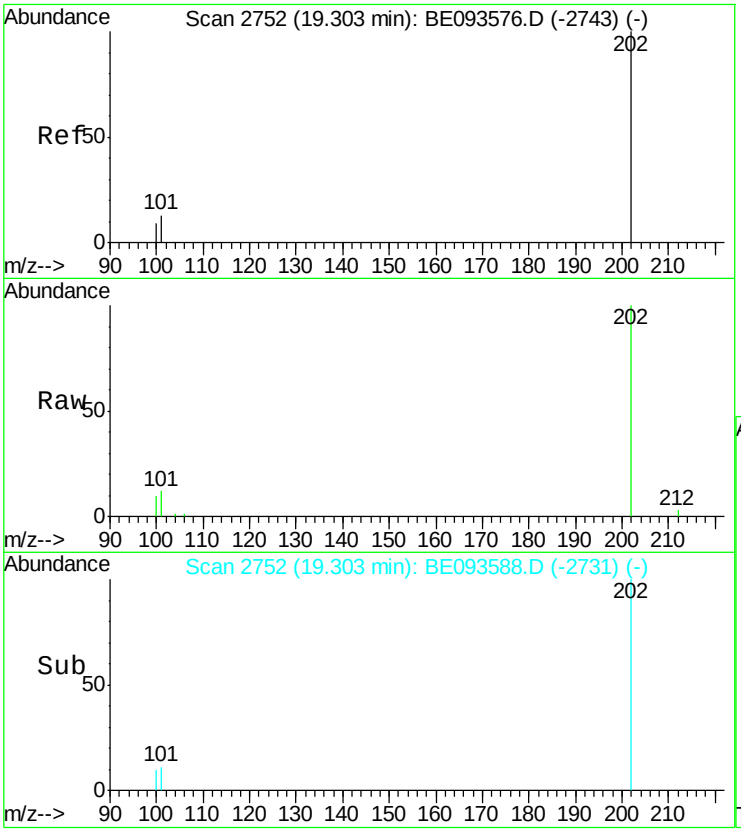


#12
Phenanthrene
Concen: 0.062 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093588.D
Acq: 25 Jul 2017 21:45

Tgt Ion:178 Resp: 3656

Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.4	27.6#
176	21.7	13.6	20.4#





#15
Fluoranthene
Concen: 0.124 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BE093588.D
Acq: 25 Jul 2017 21:45

Tgt Ion:202 Resp: 9177

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.3
100	10.4	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
C0B20

Manual Integrations APPROVED
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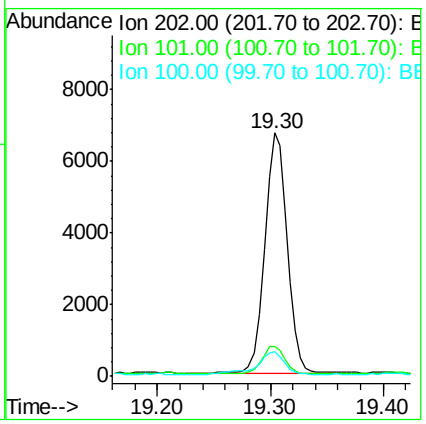
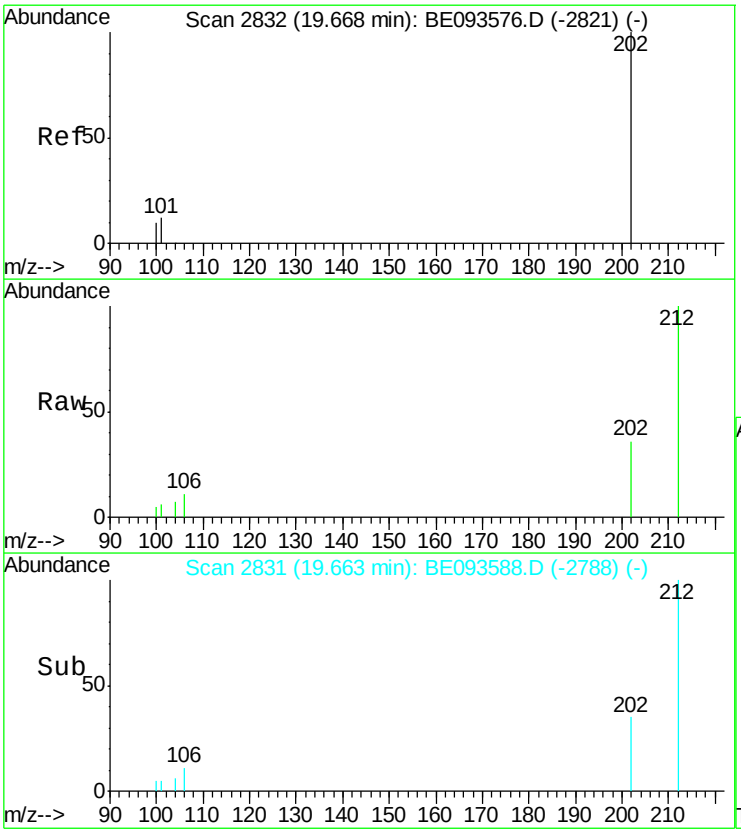
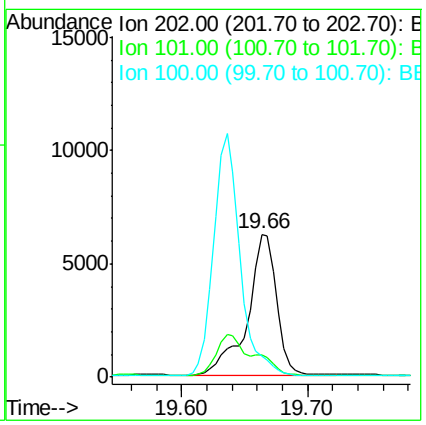


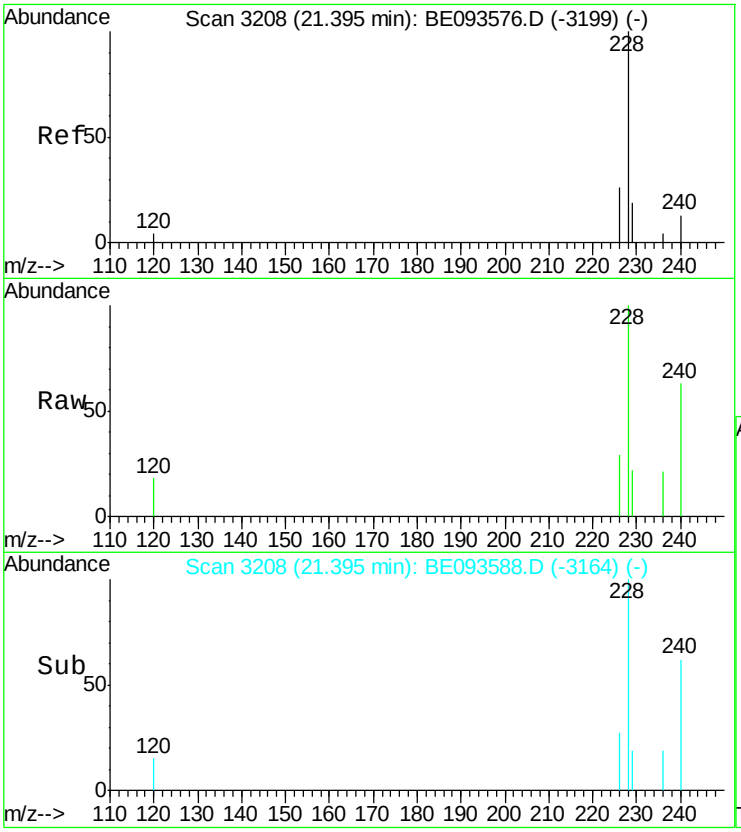


#17
Pyrene
Concen: 0.145 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE093588.D
Acq: 25 Jul 2017 21:45

Tgt Ion:202 Resp: 9994

Ion	Ratio	Lower	Upper
202	100		
101	15.7	18.2	27.4#
100	14.6	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.095 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE093588.D
Acq: 25 Jul 2017 21:45

Tgt Ion:228 Resp: 6482

Ion	Ratio	Lower	Upper
228	100		
229	22.2	22.8	34.2#
226	28.9	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0B20

Manual Integrations APPROVED
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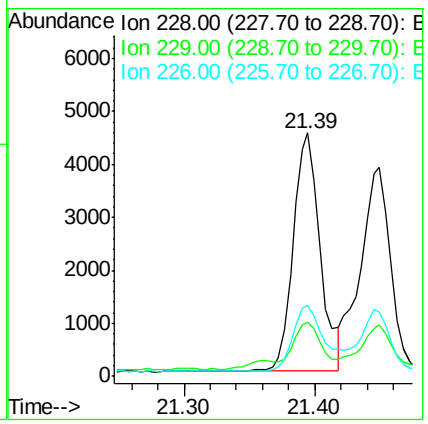
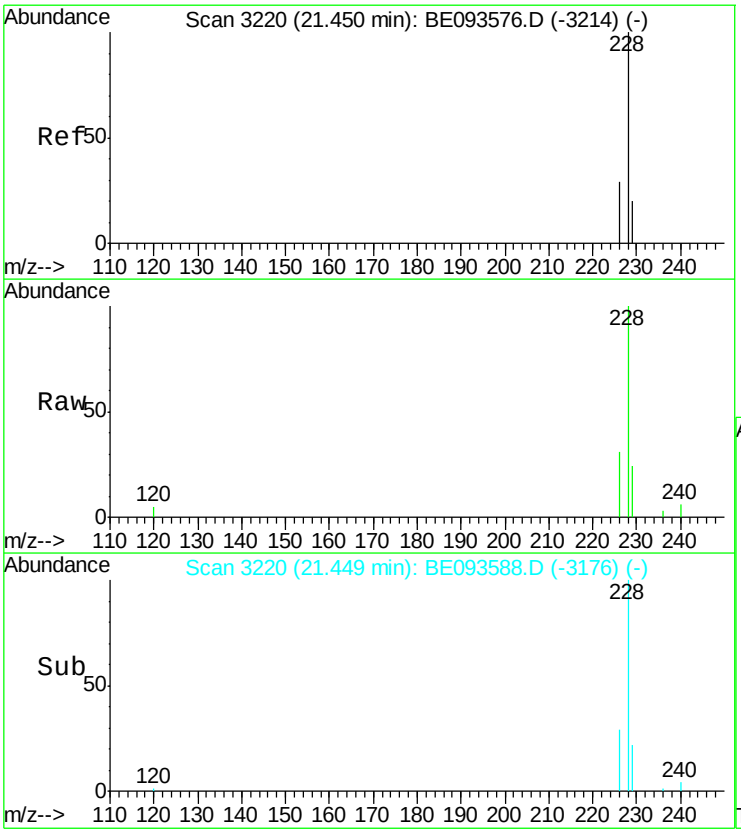
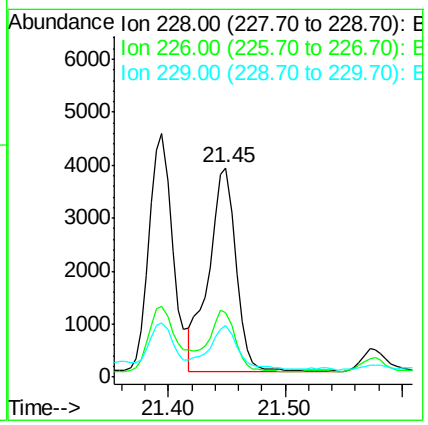


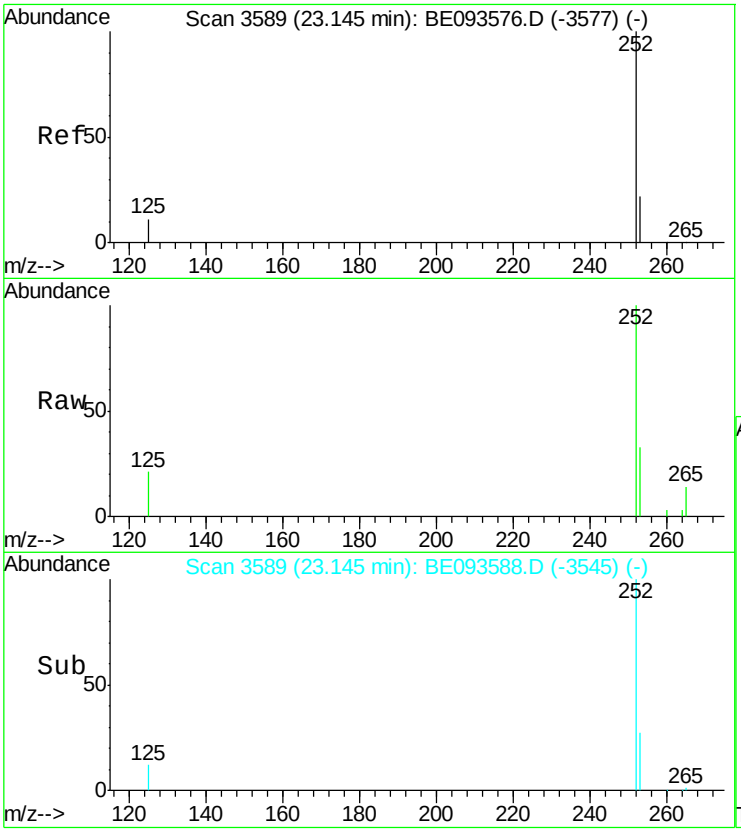


#19
Chrysene
Concen: 0.096 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BE093588.D
Acq: 25 Jul 2017 21:45

Tgt Ion:228 Resp: 6293

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	24.5	17.7	26.5

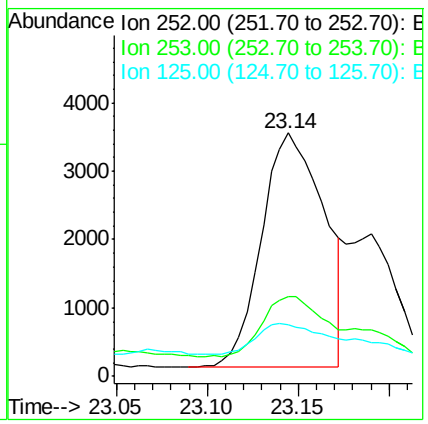




#21
Benzo(b)fluoranthene
Concen: 0.126 ng/ul
RT: 23.14 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BE093588.D
Acq: 25 Jul 2017 21:45

Tgt Ion:252 Resp: 8148

Ion	Ratio	Lower	Upper
252	100		
253	32.5	0.0	64.2
125	21.1	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0B20

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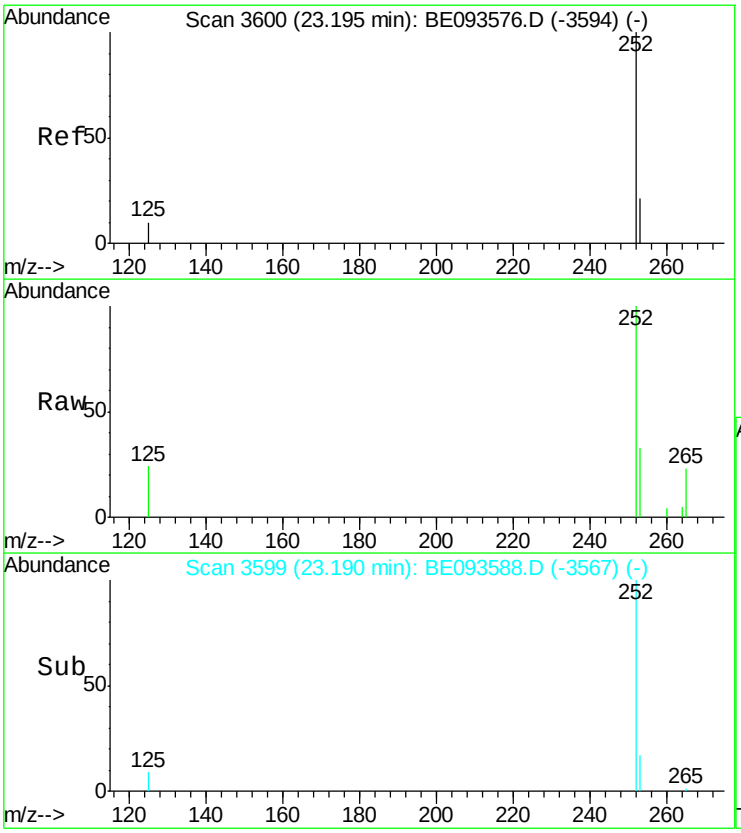
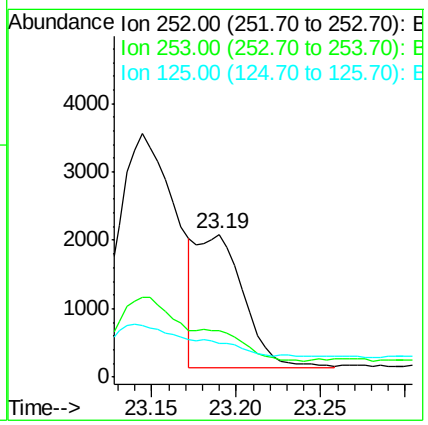
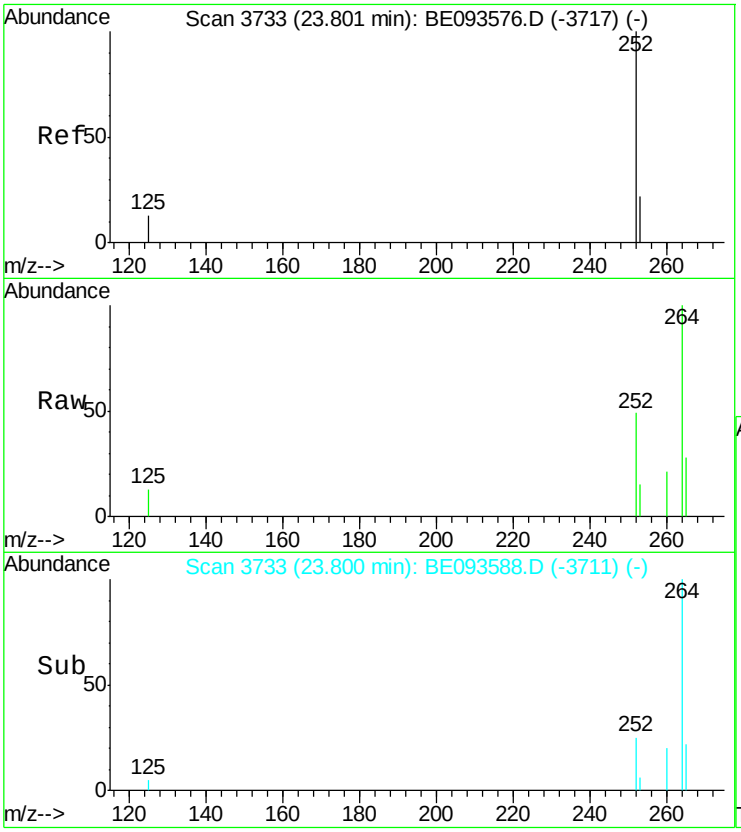


#22
Benzo(k)fluoranthene
Concen: 0.060 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BE093588.D
Acq: 25 Jul 2017 21:45

Tgt Ion:252 Resp: 3801

Ion	Ratio	Lower	Upper
252	100		
253	33.0	24.5	36.7
125	23.9	13.7	20.5#

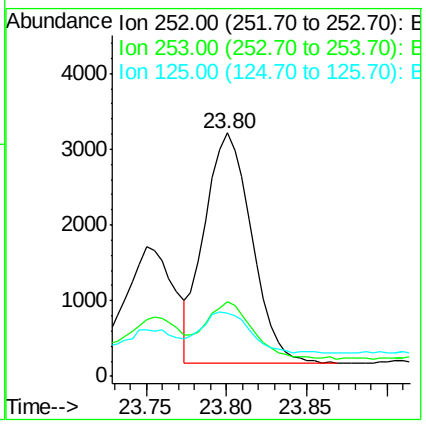




#23
Benzo(a)pyrene
Concen: 0.102 ng/ul m
RT: 23.80 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BE093588.D
Acq: 25 Jul 2017 21:45

Tgt Ion:252 Resp: 6293

Ion	Ratio	Lower	Upper
252	100		
253	30.8	28.5	42.7
125	25.9	18.1	27.1



Instrument :
BNA_E
ClientSampleId :
C0B20

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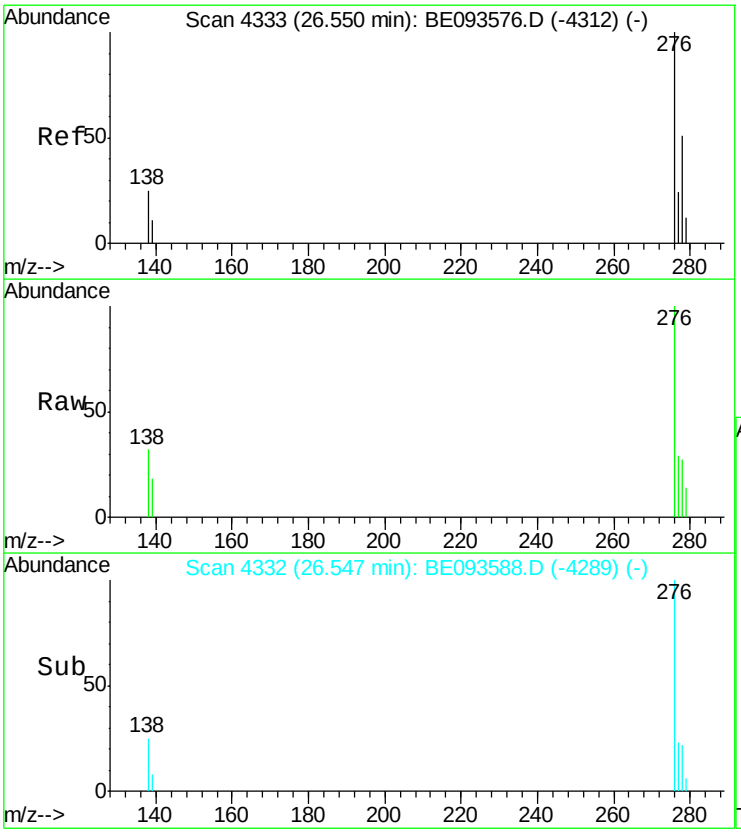
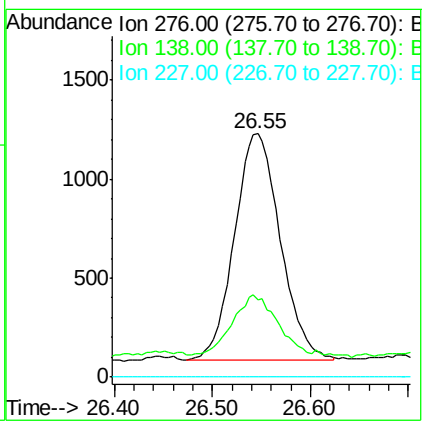
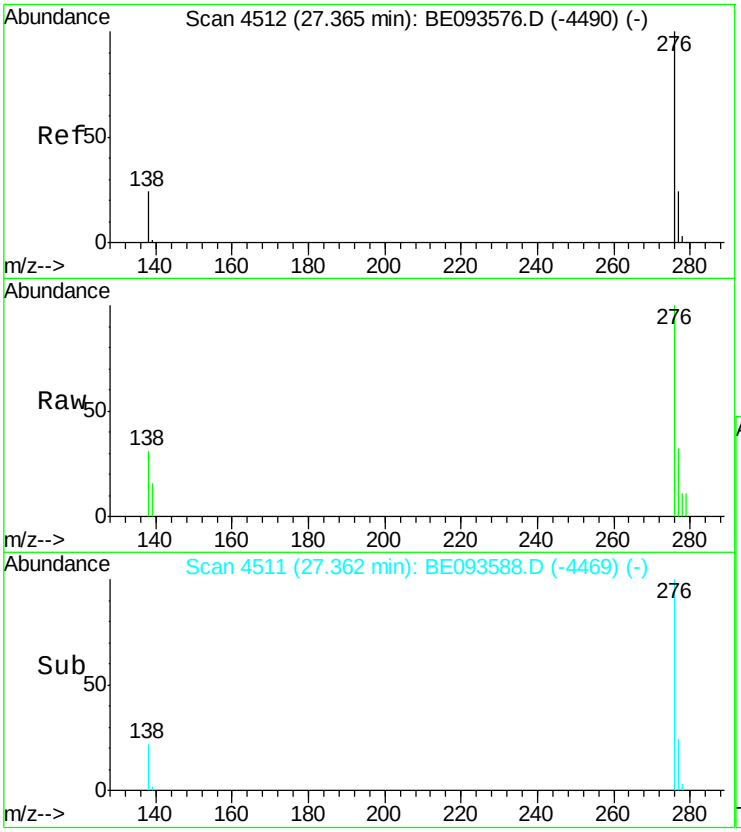


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng/ul m
RT: 26.55 min Scan# 4332
Delta R.T. -0.00 min
Lab File: BE093588.D
Acq: 25 Jul 2017 21:45

Tgt Ion:276 Resp: 3752

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

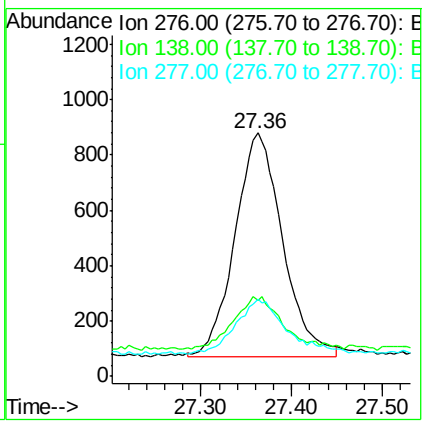




#26
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul m
RT: 27.36 min Scan# 4511
Delta R.T. -0.01 min
Lab File: BE093588.D
Acq: 25 Jul 2017 21:45

Tgt Ion:276 Resp: 2952

Ion	Ratio	Lower	Upper
276	100		
138	31.1	21.8	32.8
277	31.7	20.5	30.7#



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ClientSampleId :
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