Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093799.D
Acq On : 14 Aug 2017 22:35
Operator : SJ/JU
Sample : I4529-22DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC3DL

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

Quant Time: Aug 15 11:51:01 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 Aug 15 10:51:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2556	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13177	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8640	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17672	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18961	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	18845	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	717	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	1580m	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	22596	0.705	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	46216	1.977	ng/ul	99
7) Acenaphthylene	14.25	152	3175	0.088	ng/ul#	40
8) Acenaphthene	14.59	153	6963	0.245	ng/ul	95
9) Fluorene	15.57	166	40223	1.119	ng/ul	94
12) Phenanthrene	17.29	178	64970	1.350	ng/ul#	91
13) Anthracene	17.38	178	21774m	0.464	ng/ul	
15) Fluoranthene	19.30	202	23536	0.391	ng/ul	83
17) Pyrene	19.66	202	36196	0.654	ng/ul#	87
18) Benzo(a)anthracene	21.40	228	11038	0.201	ng/ul#	45
19) Chrysene	21.45	228	10536	0.200	ng/ul#	42
21) Benzo(b)fluoranthene	23.15	252	6644m	0.114	ng/ul	
23) Benzo(a)pyrene	23.81	252	6141	0.111	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	26.56	276	2762	0.045	ng/ul#	82
26) Benzo(g,h,i)perylene	27.38	276	3501	0.068	ng/ul#	40

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093799.D
Acq On : 14 Aug 2017 22:35
Operator : SJ/JU
Sample : I4529-22DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 15 11:51:01 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 Aug 15 10:51:12 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AC3DL

Manual Integrations APPROVED
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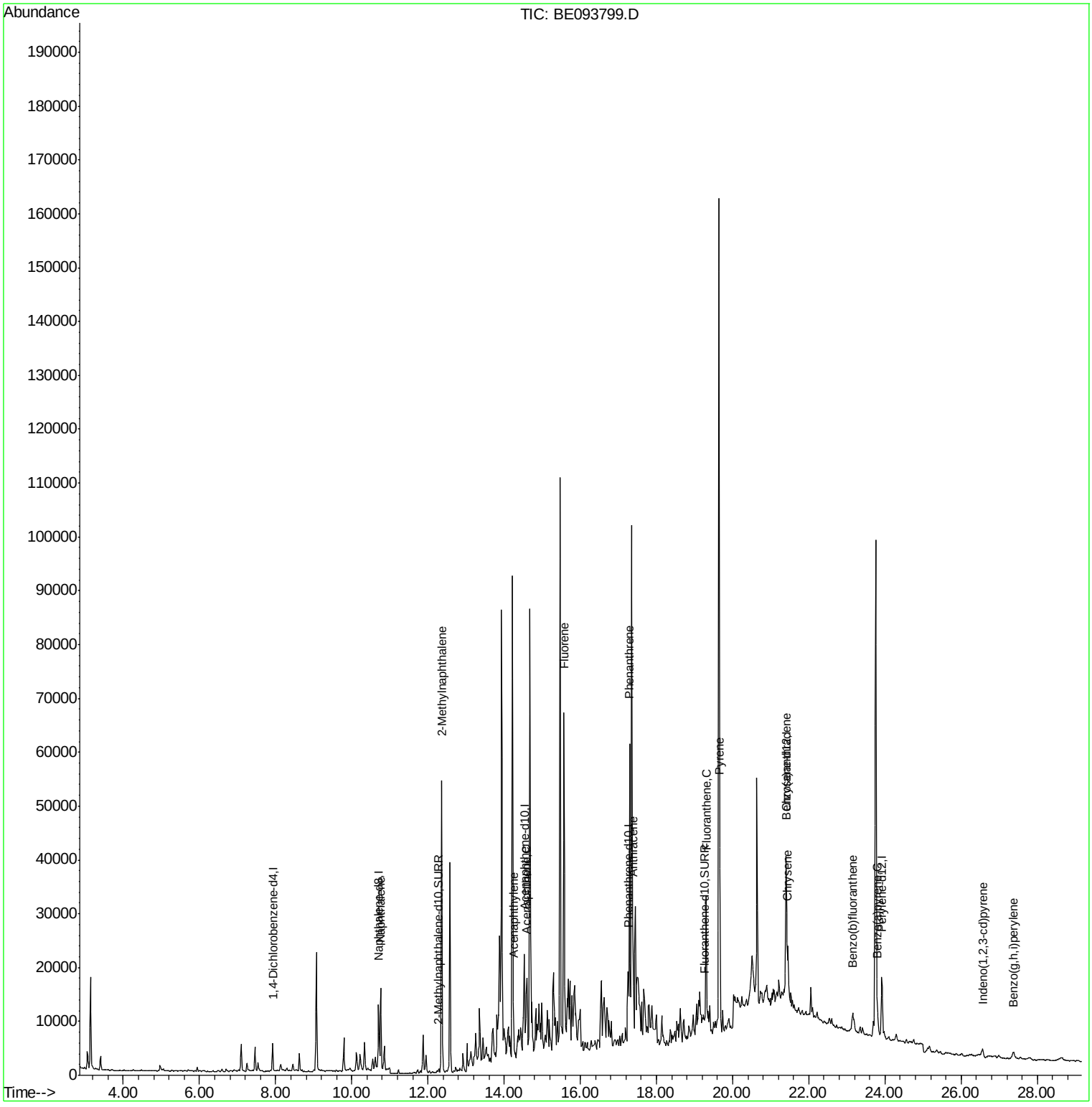
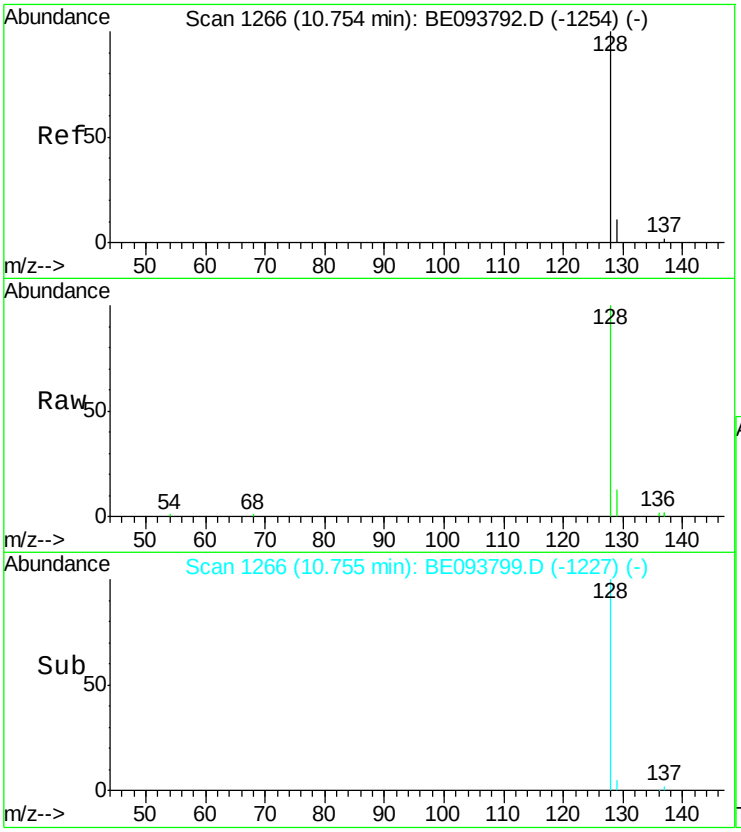
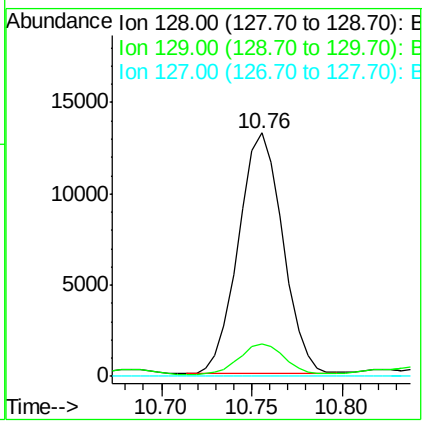




#3
Naphthalene
Concen: 0.705 ng/ul
RT: 10.76 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:128 Resp: 22596

Ion	Ratio	Lower	Upper
128	100		
129	13.4	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0AC3DL

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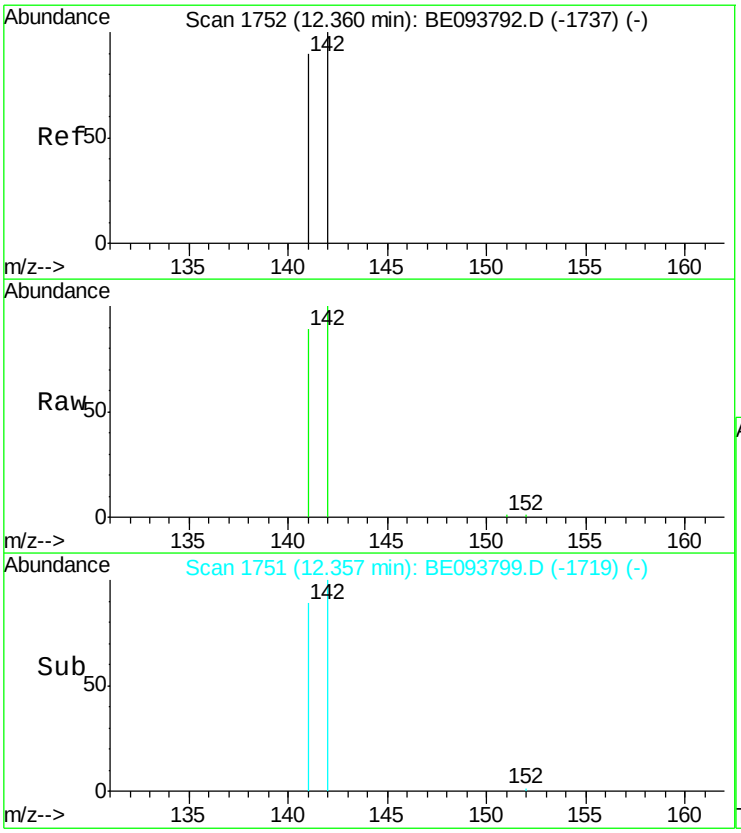
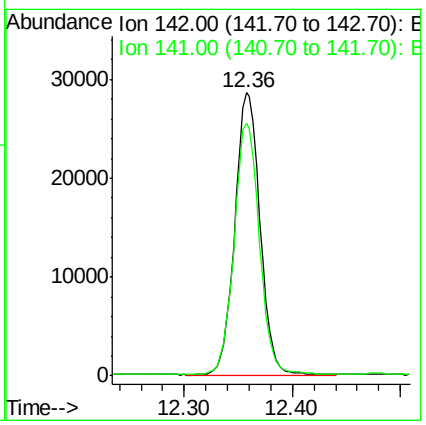
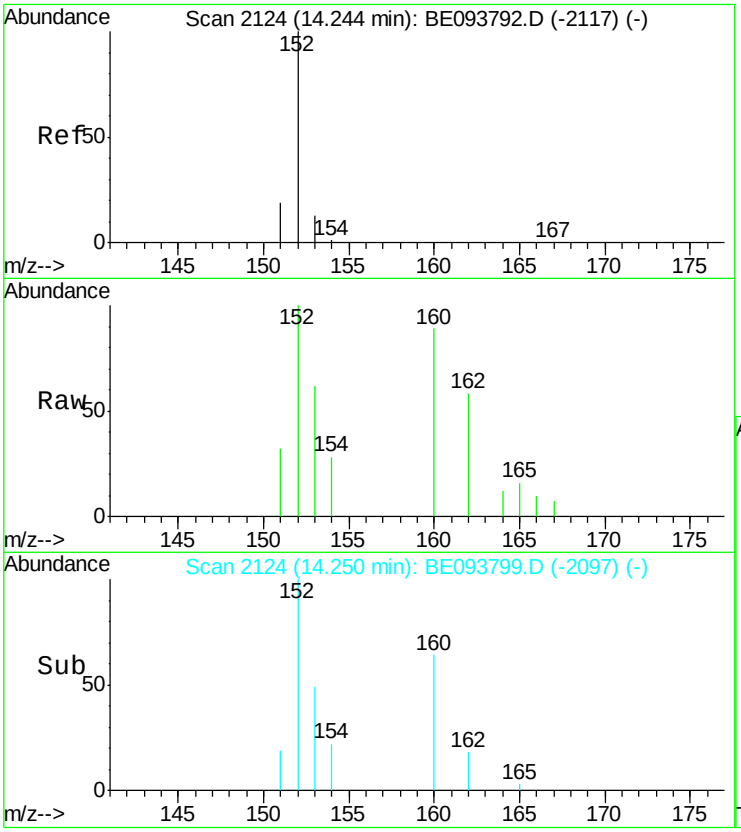


#5
2-Methylnaphthalene
Concen: 1.977 ng/ul
RT: 12.36 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:142 Resp: 46216

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8





#7
Acenaphthylene
Concen: 0.088 ng/ul
RT: 14.25 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:152 Resp: 3175

Ion	Ratio	Lower	Upper
152	100		
151	32.3	17.1	25.7#
153	62.5	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AC3DL

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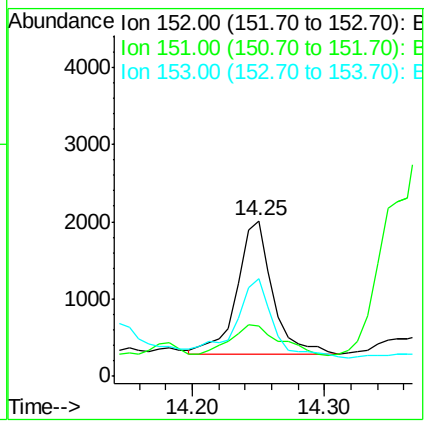
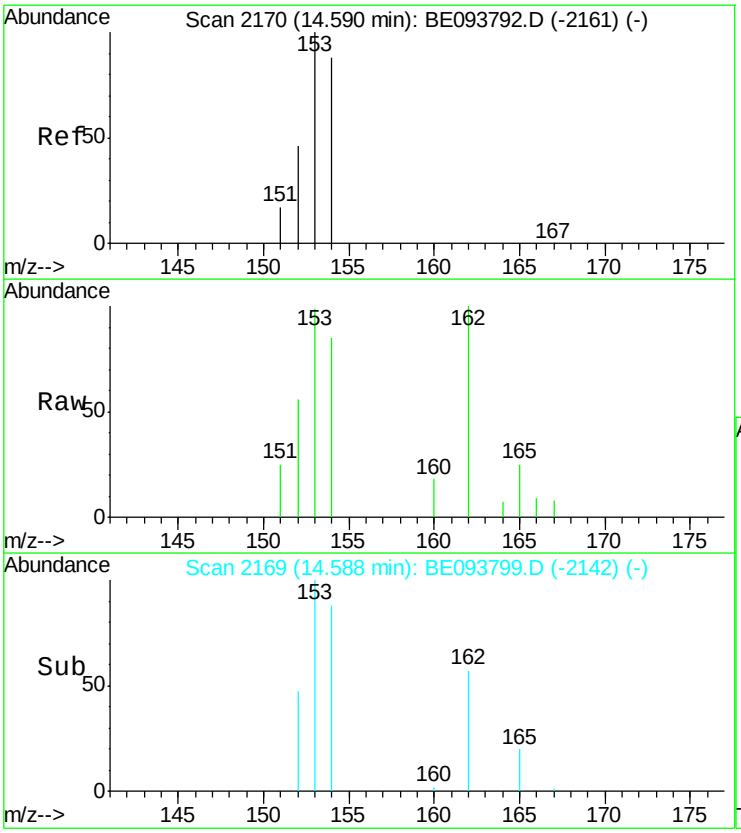
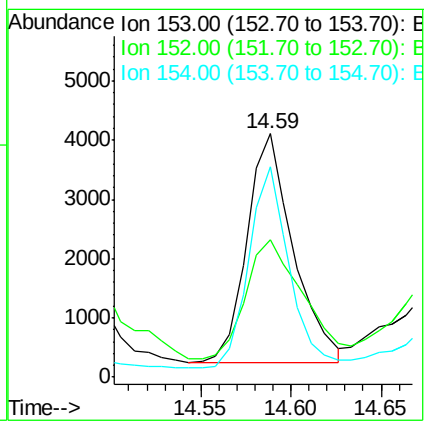


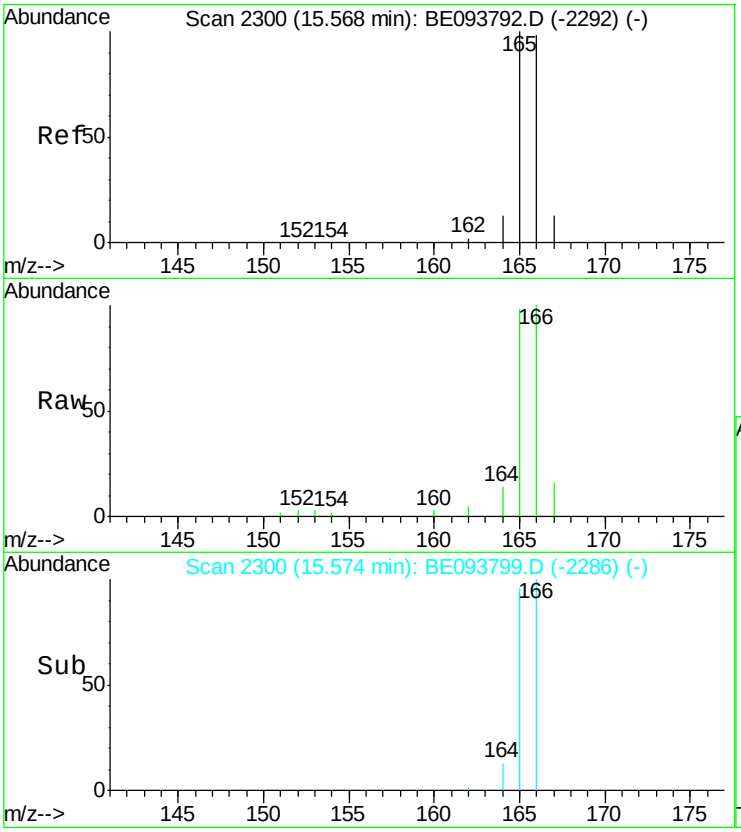


#8
Acenaphthene
Concen: 0.245 ng/ul
RT: 14.59 min Scan# 2169
Delta R.T. 0.01 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:153 Resp: 6963

Ion	Ratio	Lower	Upper
153	100		
152	56.4	40.3	60.5
154	86.3	71.4	107.2

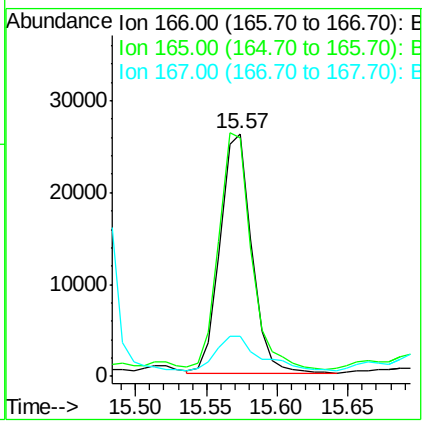




#9
Fluorene
Concen: 1.119 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. 0.01 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:166 Resp: 40223

Ion	Ratio	Lower	Upper
166	100		
165	98.0	73.4	110.2
167	16.3	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AC3DL

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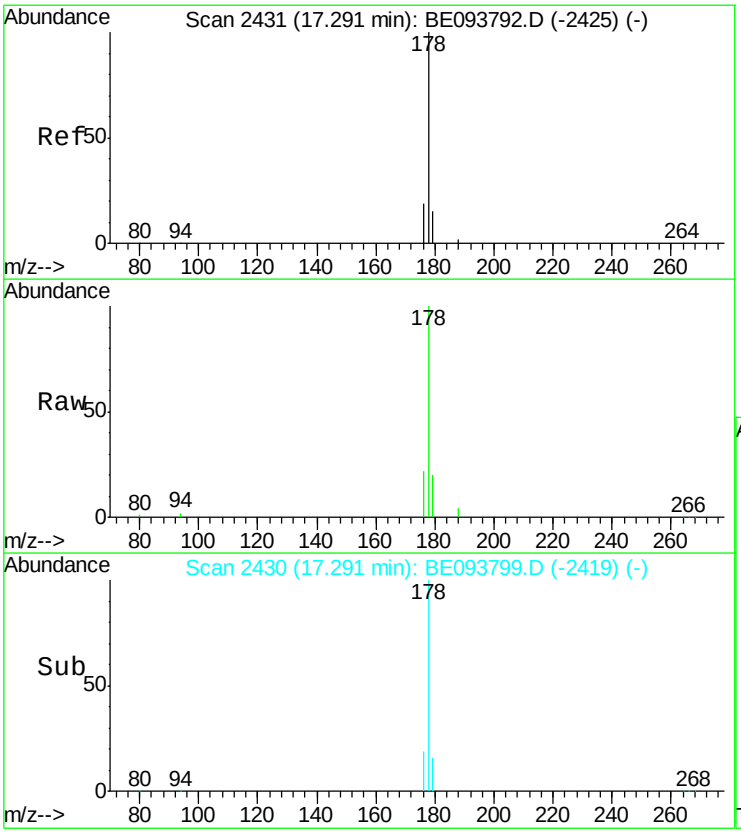
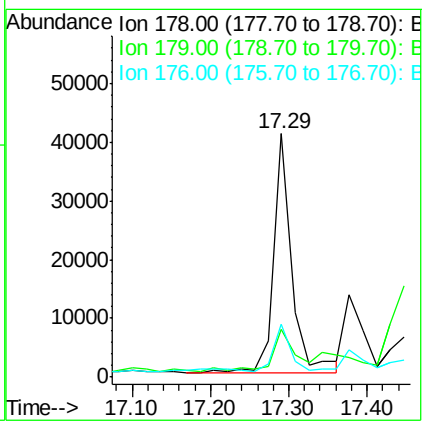
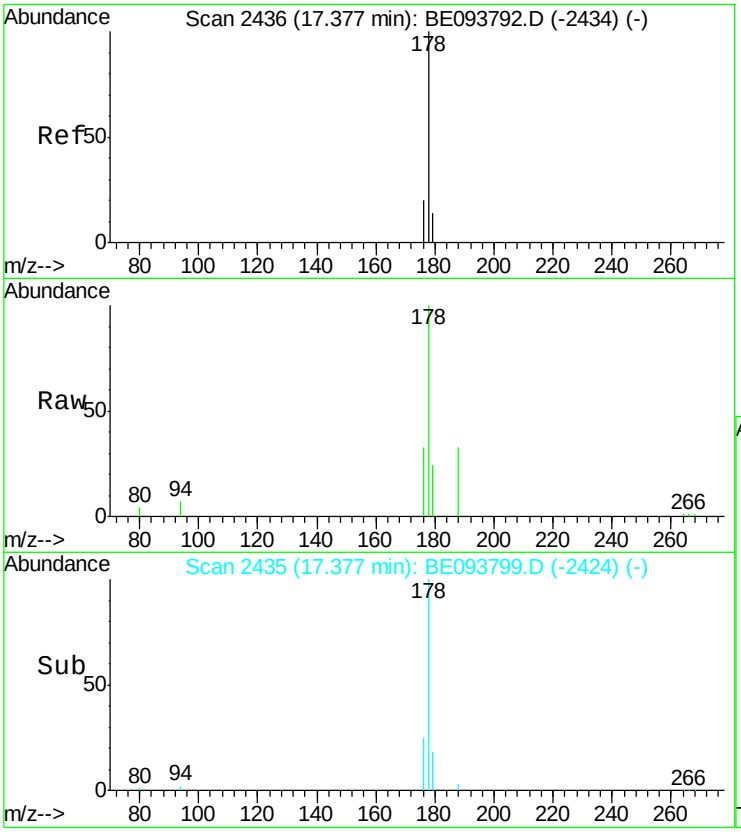


#12
Phenanthrene
Concen: 1.350 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:178 Resp: 64970

Ion	Ratio	Lower	Upper
178	100		
179	19.6	18.4	27.6
176	21.6	13.6	20.4#

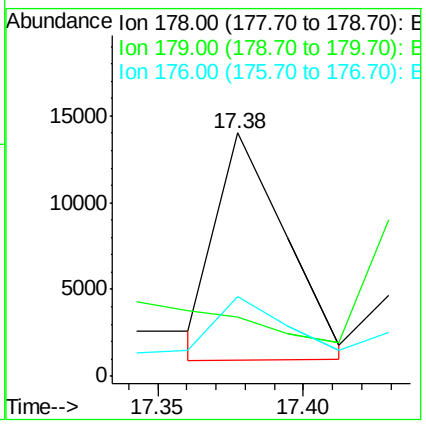




#13
Anthracene
Concen: 0.464 ng/ul m
RT: 17.38 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:178 Resp: 21774

Ion	Ratio	Lower	Upper
178	100		
179	24.5	18.1	27.1
176	32.7	14.7	22.1#



Instrument :
BNA_E
ClientSampleId :
C0AC3DL

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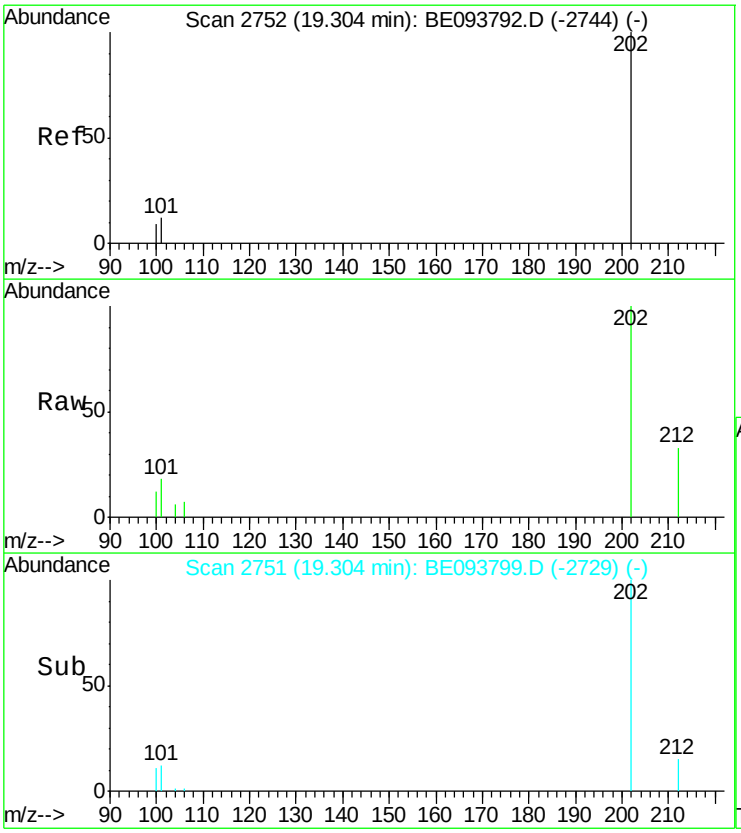
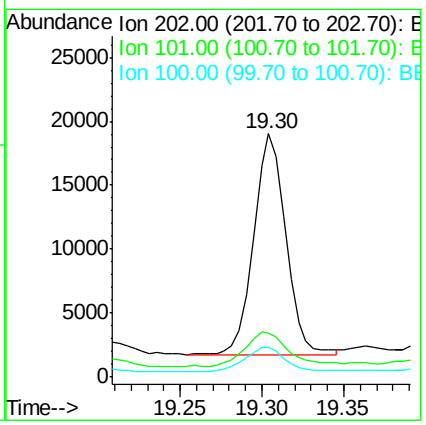
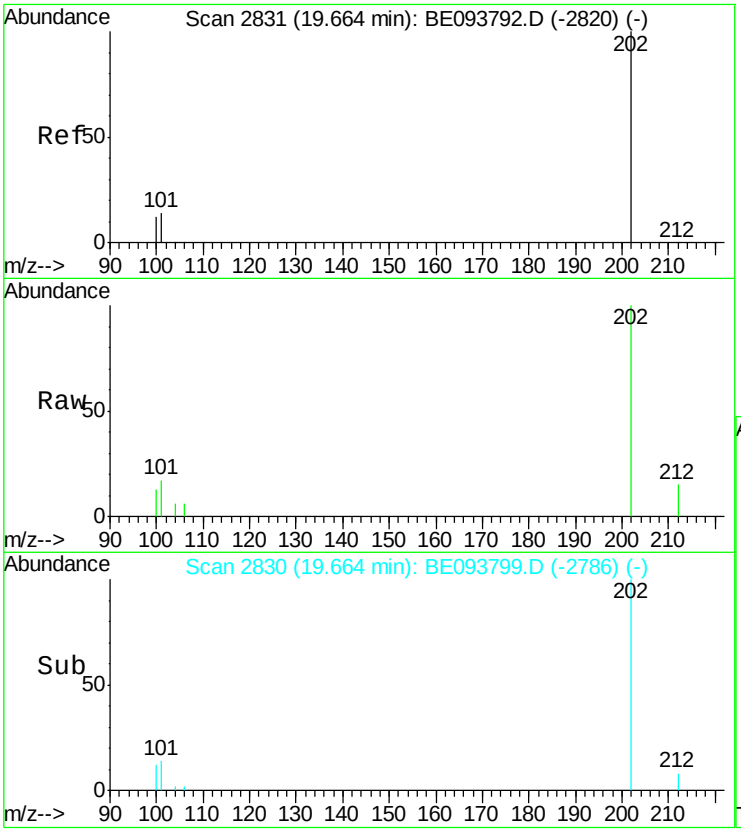


#15
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:202 Resp: 23536

Ion	Ratio	Lower	Upper
202	100		
101	18.0	0.0	30.3
100	12.4	0.0	39.5





#17
Pyrene
Concen: 0.654 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:202 Resp: 36196

Ion	Ratio	Lower	Upper
202	100		
101	16.8	18.2	27.4#
100	13.0	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AC3DL

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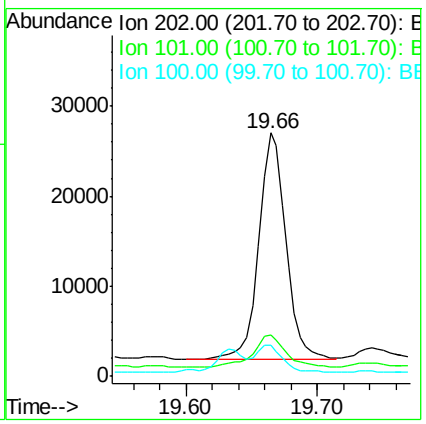
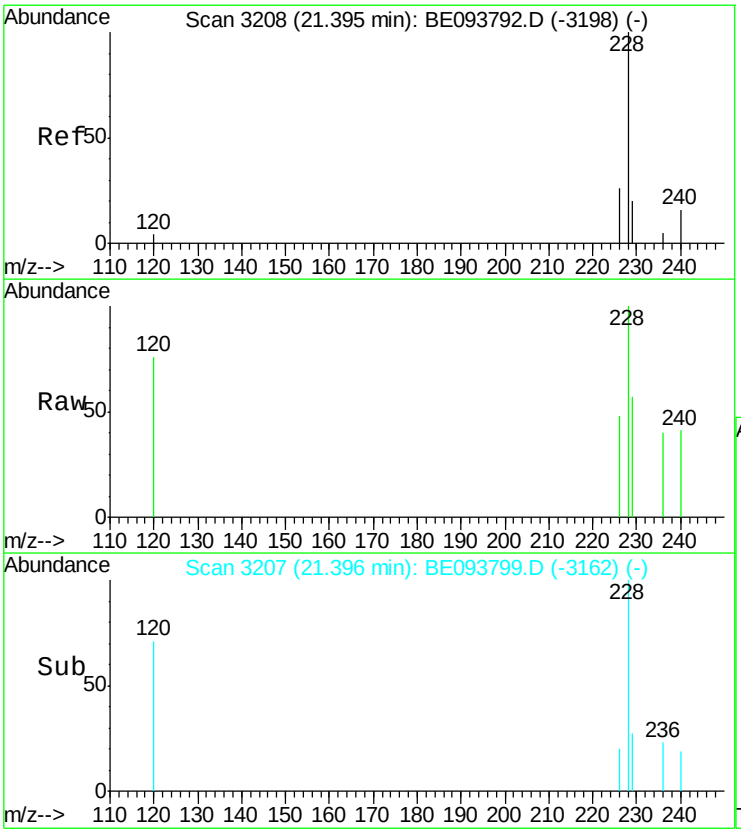
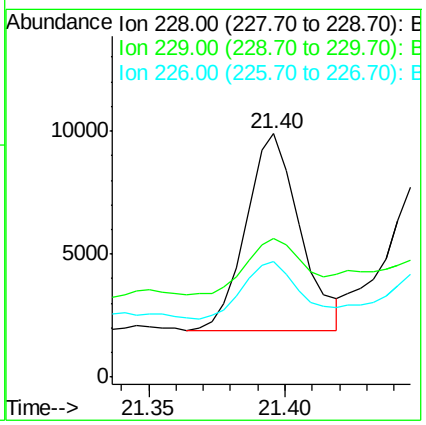


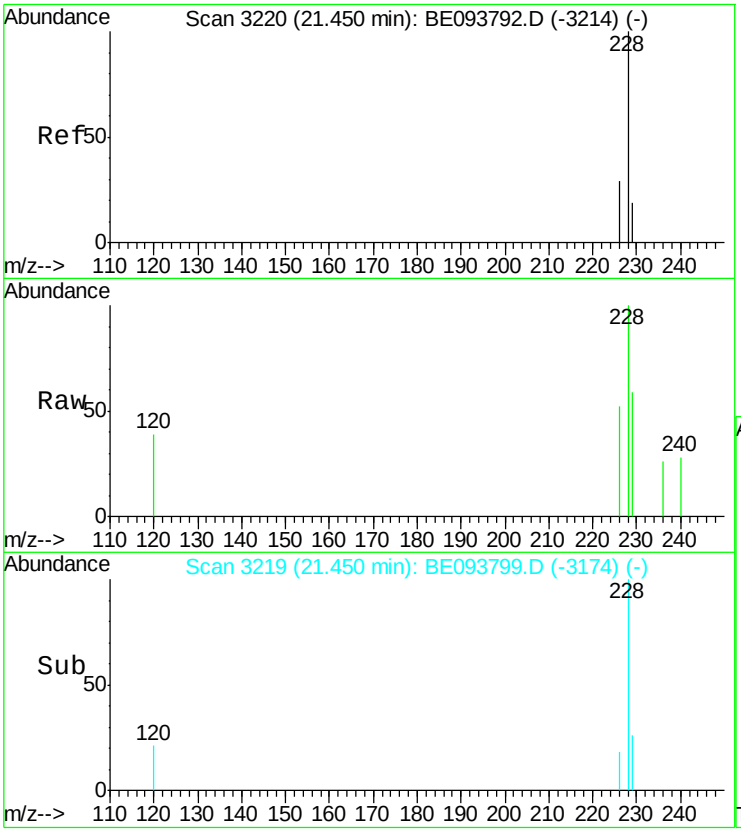


#18
Benzo(a)anthracene
Concen: 0.201 ng/ul
RT: 21.40 min Scan# 3207
Delta R.T. 0.01 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:228 Resp: 11038

Ion	Ratio	Lower	Upper
228	100		
229	57.0	22.8	34.2#
226	47.7	17.0	25.6#





#19
Chrysene
Concen: 0.200 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. 0.01 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:228 Resp: 10536

Ion	Ratio	Lower	Upper
228	100		
226	52.4	23.4	35.0#
229	58.5	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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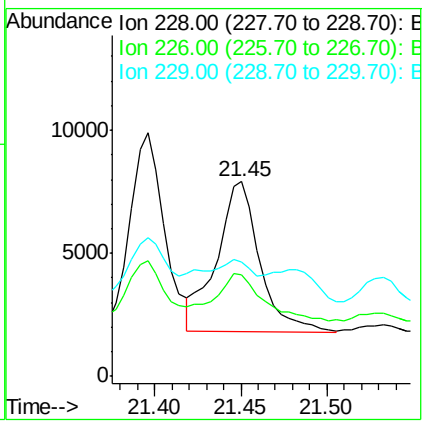
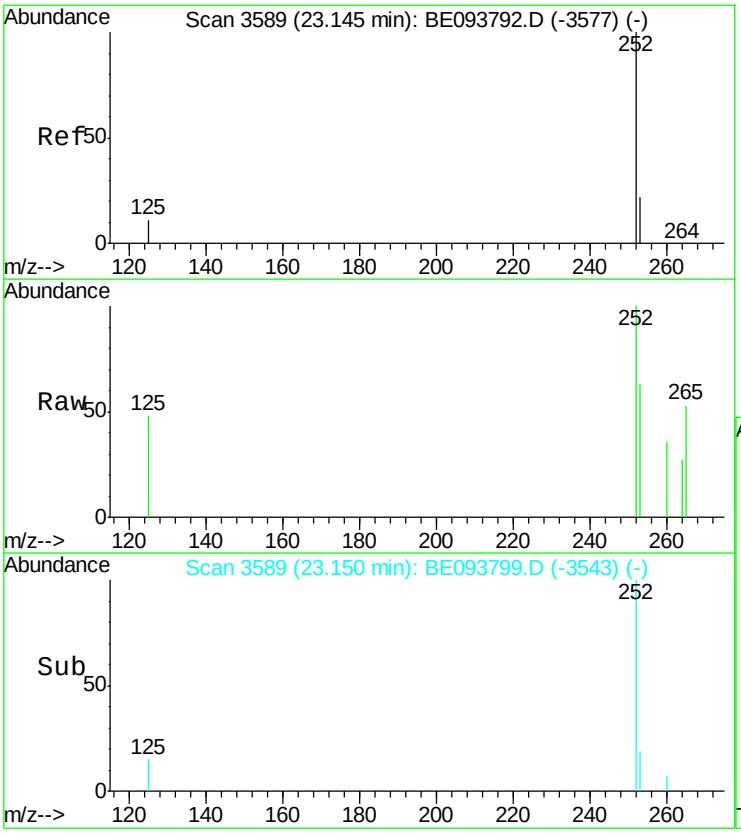
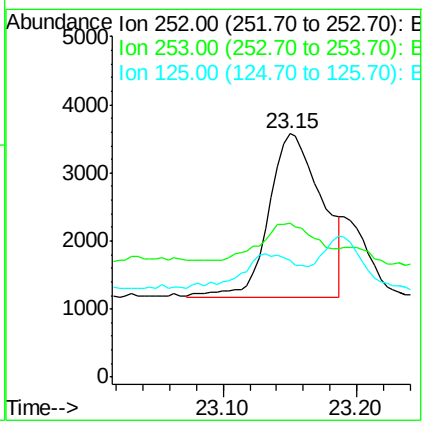


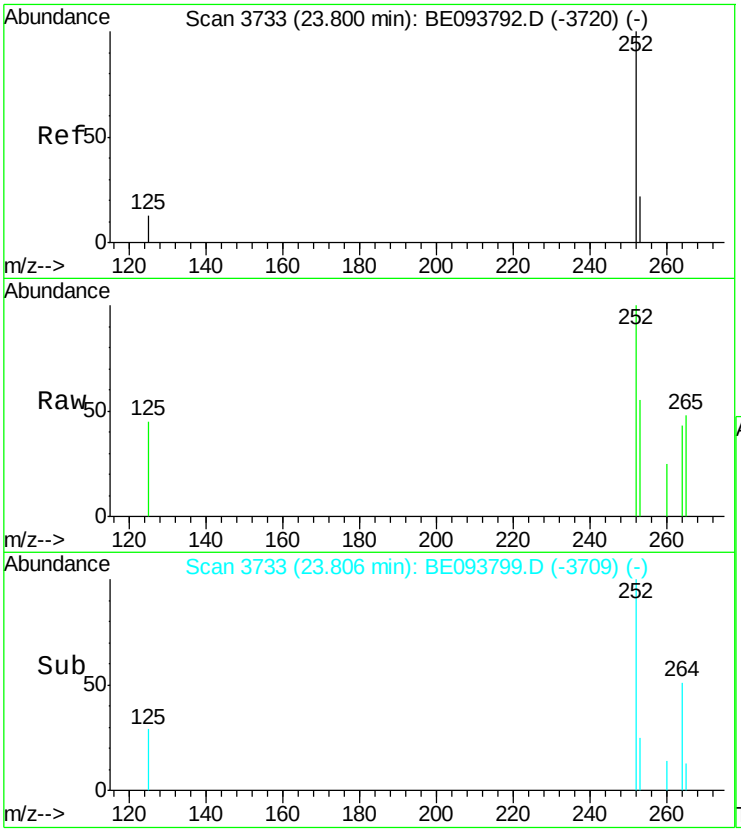


#21
Benzo(b)fluoranthene
Concen: 0.114 ng/ul m
RT: 23.15 min Scan# 3589
Delta R.T. 0.01 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:252 Resp: 6644

Ion	Ratio	Lower	Upper
252	100		
253	63.3	0.0	64.2
125	47.8	0.0	35.0#





#23
Benzo(a)pyrene
Concen: 0.111 ng/ul
RT: 23.81 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:252 Resp: 6141

Ion	Ratio	Lower	Upper
252	100		
253	55.3	28.5	42.7#
125	44.9	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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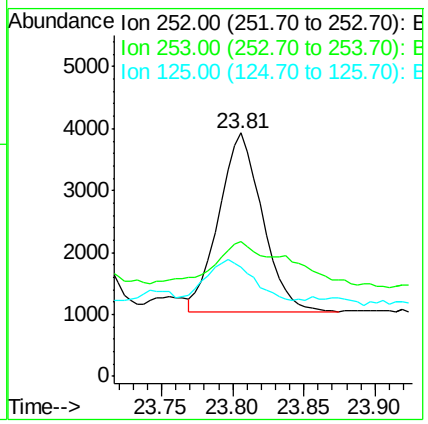
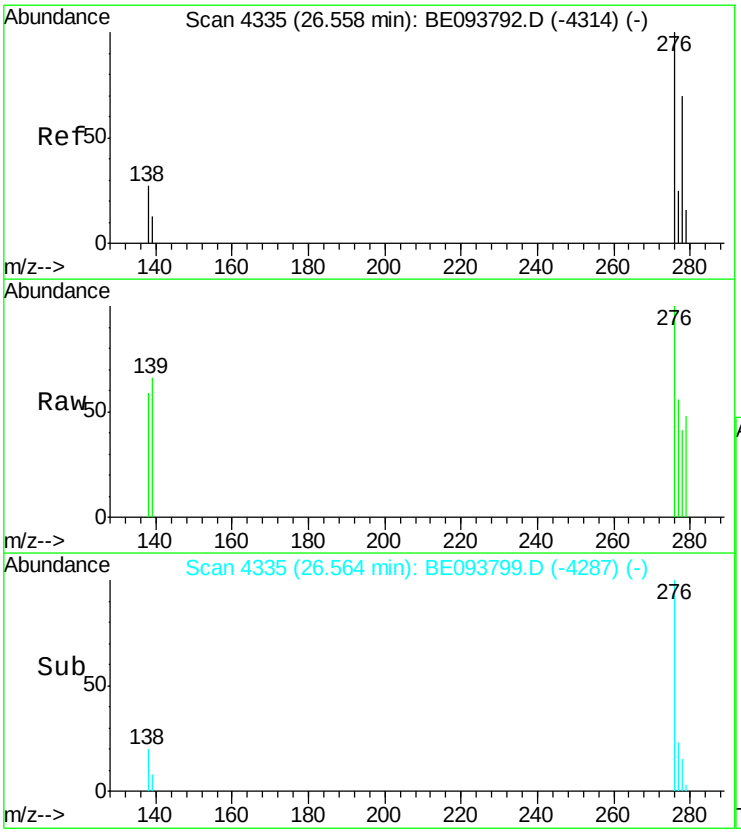
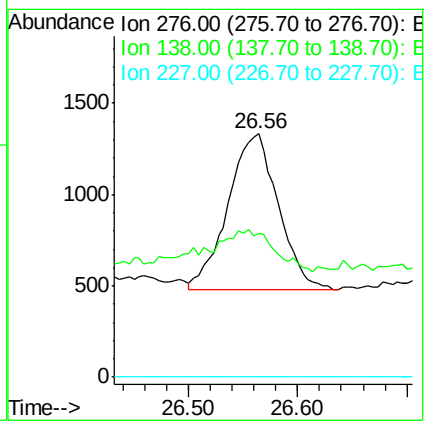


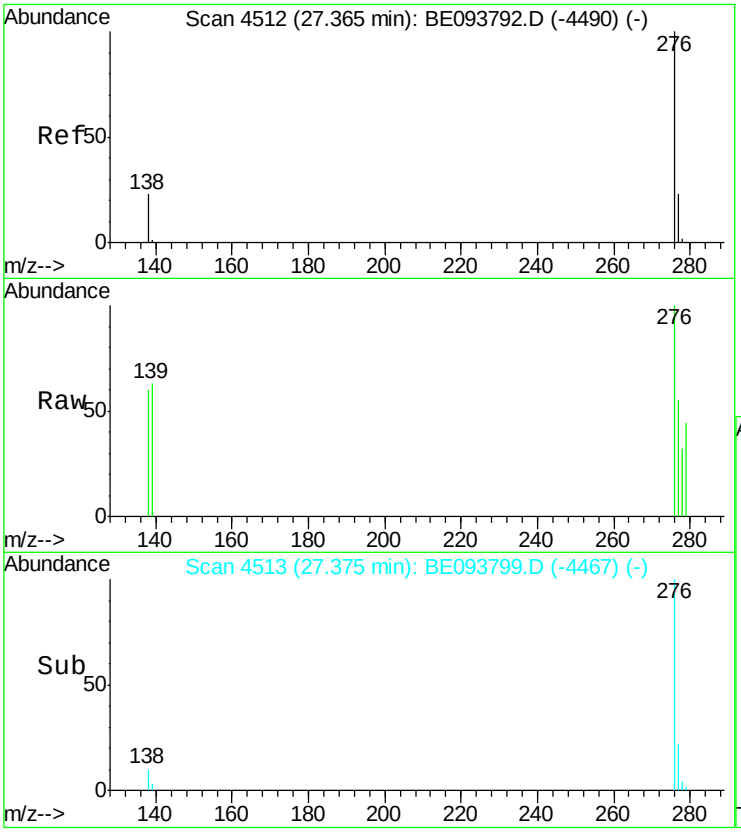


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 26.56 min Scan# 4335
Delta R.T. 0.02 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:276 Resp: 2762

Ion	Ratio	Lower	Upper
276	100		
138	26.2	28.0	42.0#
227	0.0	8.0	12.0#

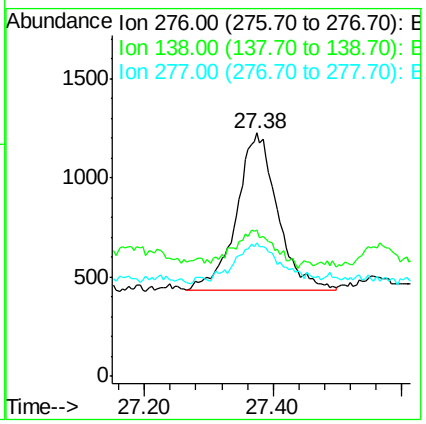




#26
Benzo(g,h,i)perylene
Concen: 0.068 ng/ul
RT: 27.38 min Scan# 4513
Delta R.T. 0.01 min
Lab File: BE093799.D
Acq: 14 Aug 2017 22:35

Tgt Ion:276 Resp: 3501

Ion	Ratio	Lower	Upper
276	100		
138	60.1	21.8	32.8#
277	54.8	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
C0AC3DL

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