Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\

Quantitation Report (QT Reviewed)

Data File : BE093238.D
Acq On : 16 Jun 2017 14:25
Operator : SJ/MA
Sample : I3521-06DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C54DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:46 AM

Quant Time: Jun 19 07:30:18 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2541	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12708	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7678	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	19236	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	18407	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	16905	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	792	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	2290	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1393	0.04	ng/ul#	82
7) Acenaphthylene	14.09	152	4813	0.15	ng/ul	97
12) Phenanthrene	17.13	178	43480	0.82	ng/ul#	86
13) Anthracene	17.24	178	9476	0.21	ng/ul#	86
15) Fluoranthene	19.16	202	78447	1.21	ng/ul	84
17) Pyrene	19.52	202	56728	1.05	ng/ul#	87
18) Benzo(a)anthracene	21.25	228	15295	0.31	ng/ul#	51
19) Chrysene	21.30	228	33777	0.66	ng/ul#	74
21) Benzo(b)fluoranthene	22.94	252	36600m	0.71	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	12560m	0.23	ng/ul	
23) Benzo(a)pyrene	23.56	252	11263	0.23	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	26.19	276	11717	0.21	ng/ul#	90
26) Benzo(g,h,i)perylene	26.97	276	9759	0.20	ng/ul#	45

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\

Quantitation Report (QT Reviewed)

Data File : BE093238.D
Acq On : 16 Jun 2017 14:25
Operator : SJ/MA
Sample : I3521-06DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Manual Integrations APPROVED
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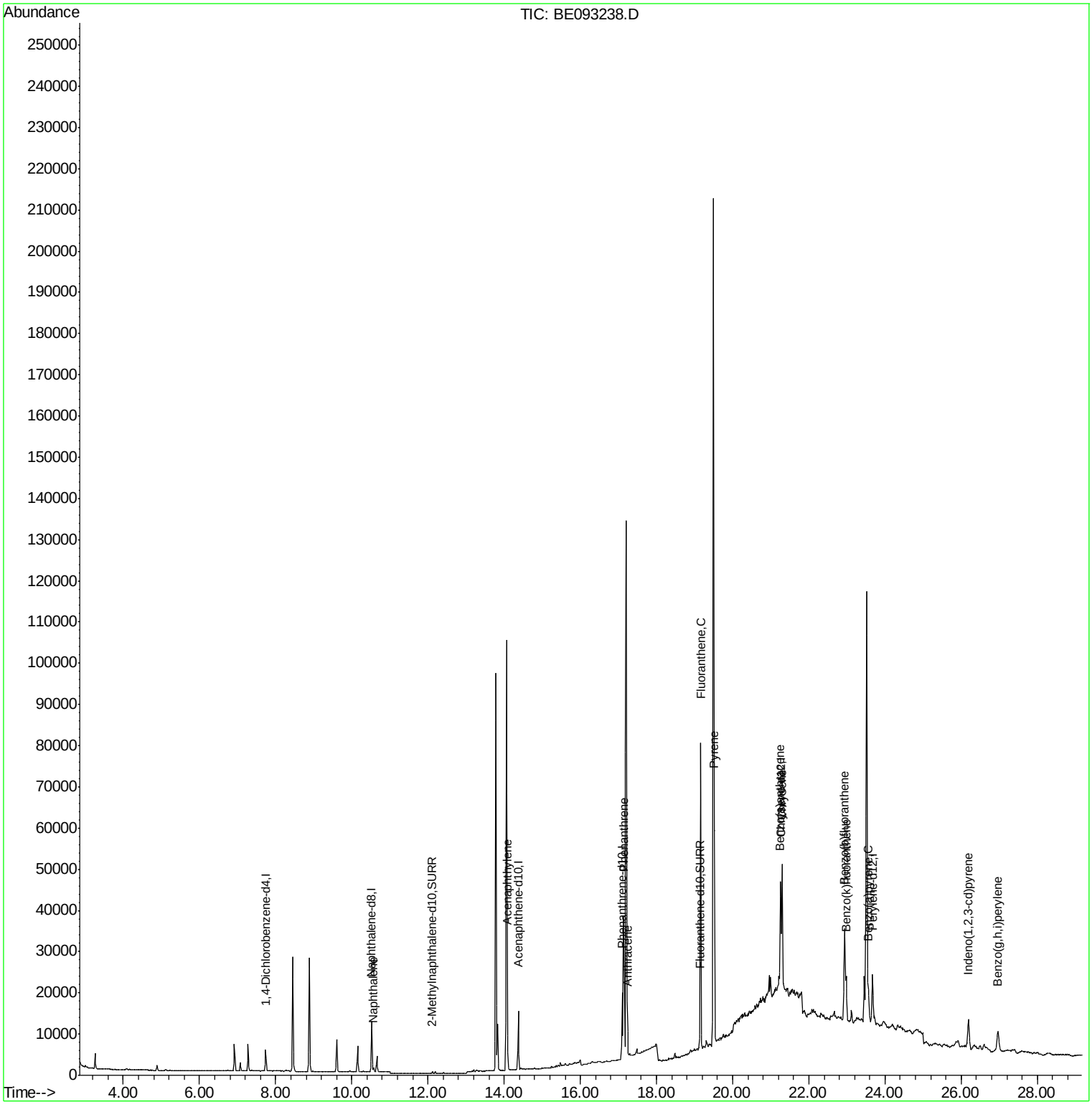
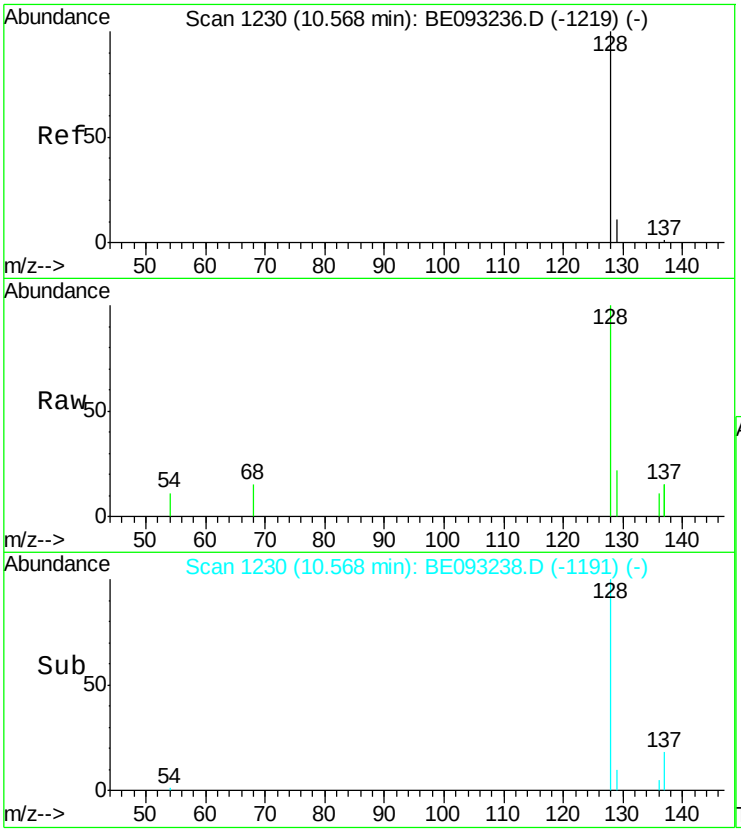
Quant Time: Jun 19 07:30:18 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration





#3
Naphthalene
Concen: 0.04 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Tgt Ion:128 Resp: 1393

Ion	Ratio	Lower	Upper
128	100		
129	22.0	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5C54DL

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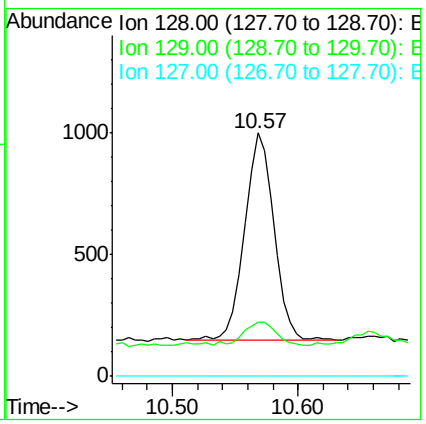
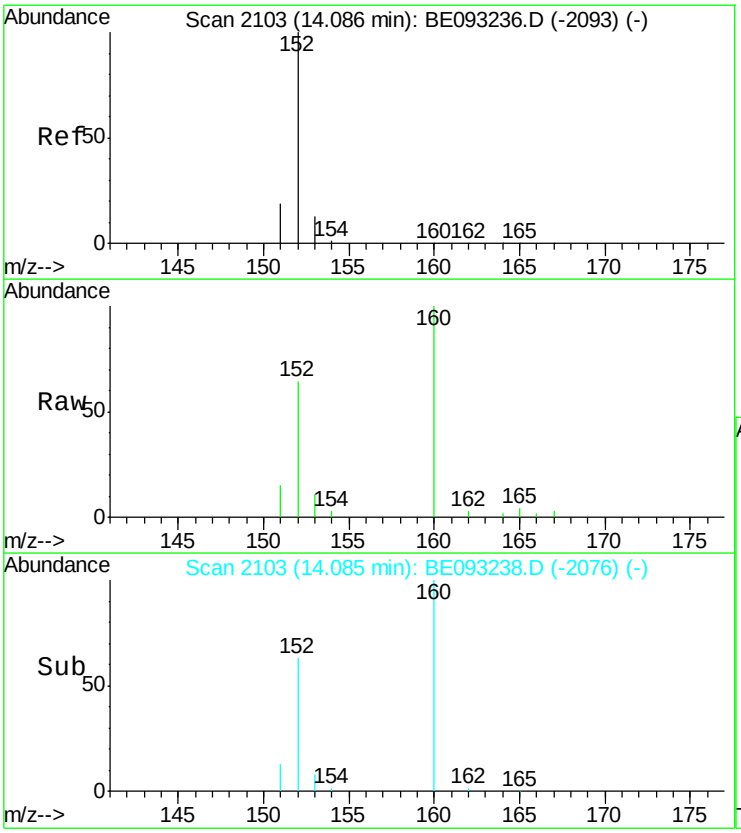
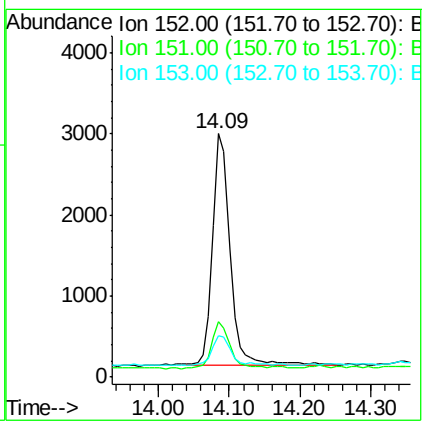


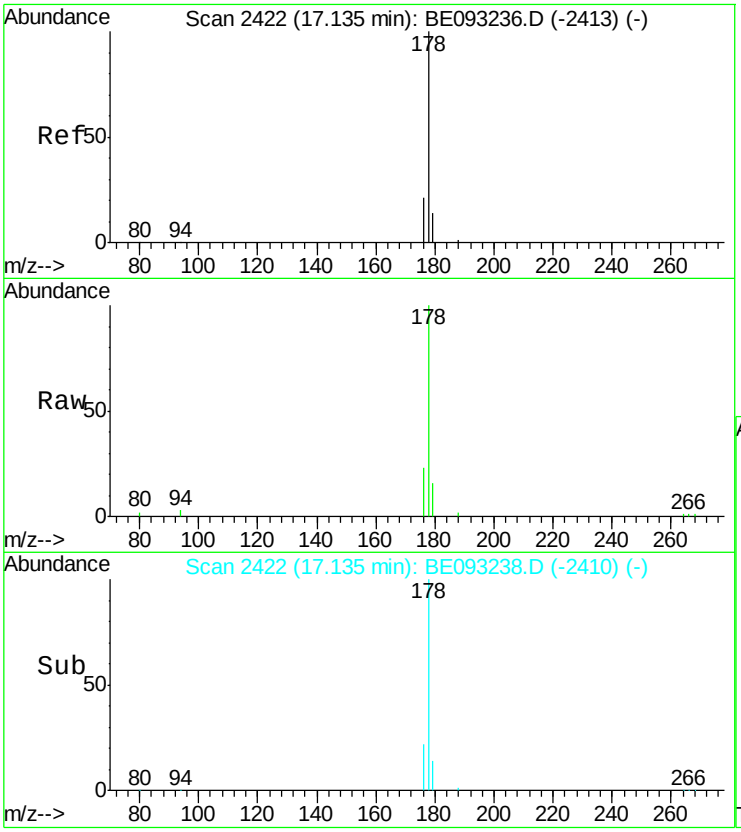


#7
Acenaphthylene
Concen: 0.15 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Tgt Ion:152 Resp: 4813

Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.1	25.7
153	17.0	12.8	19.2

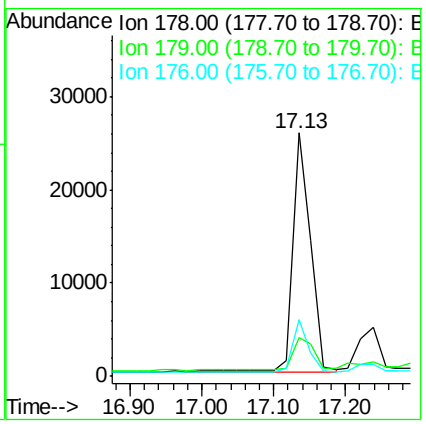




#12
Phenanthrene
Concen: 0.82 ng/ul
RT: 17.13 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Tgt Ion:178 Resp: 43480

Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6#
176	23.2	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
F5C54DL

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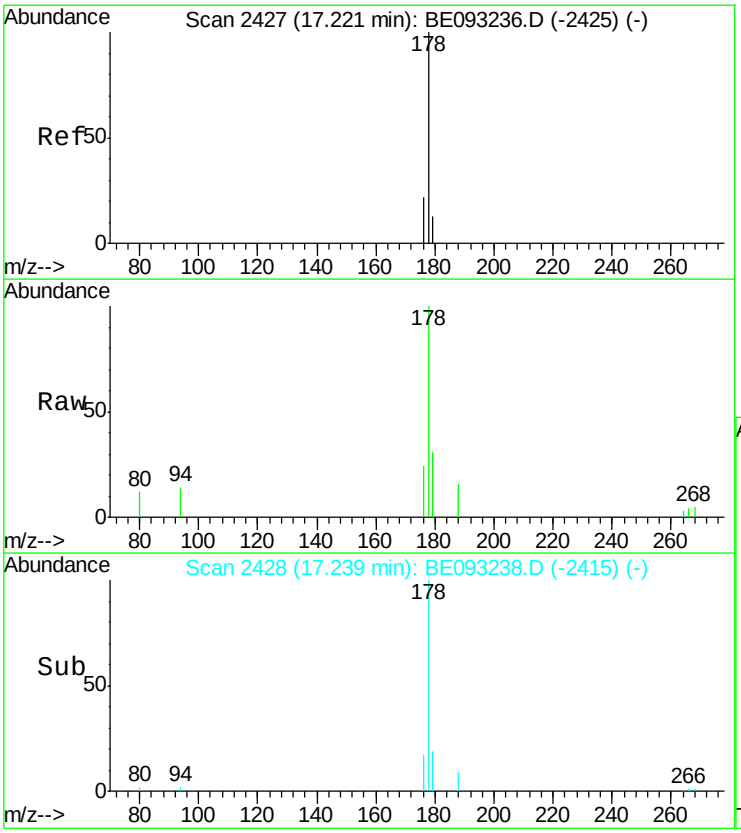
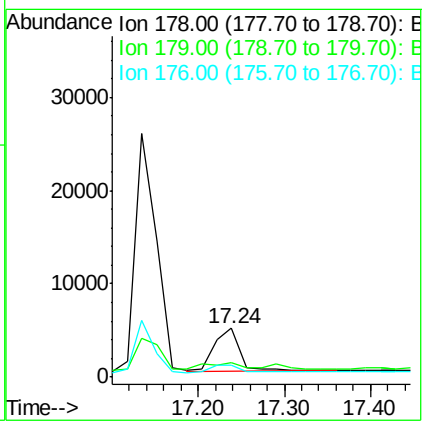
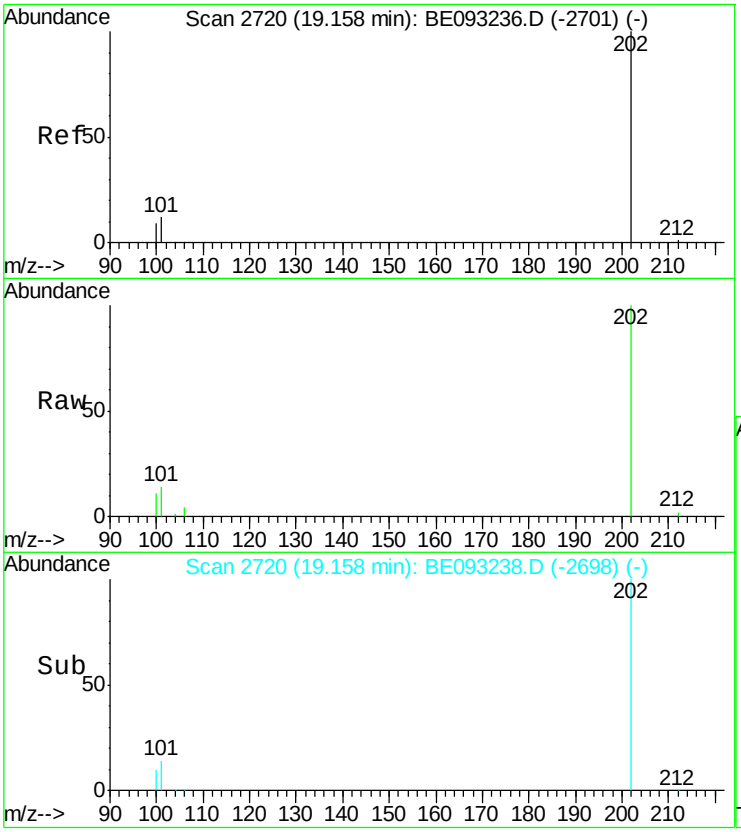


#13
Anthracene
Concen: 0.21 ng/ul
RT: 17.24 min Scan# 2428
Delta R.T. 0.02 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Tgt Ion:178 Resp: 9476

Ion	Ratio	Lower	Upper
178	100		
179	30.6	18.1	27.1#
176	23.7	14.7	22.1#

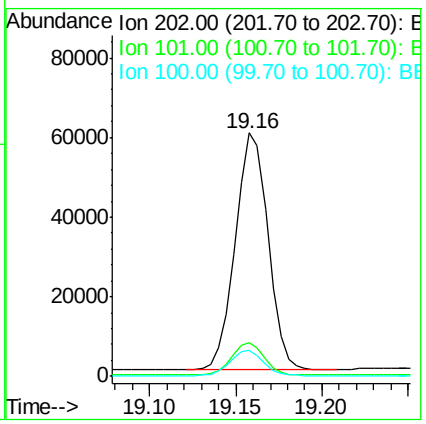




#15
Fluoranthene
Concen: 1.21 ng/ul
RT: 19.16 min Scan# 2720
Delta R.T. -0.00 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Tgt Ion:202 Resp: 78447

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	30.3
100	10.6	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F5C54DL

Manual Integrations APPROVED
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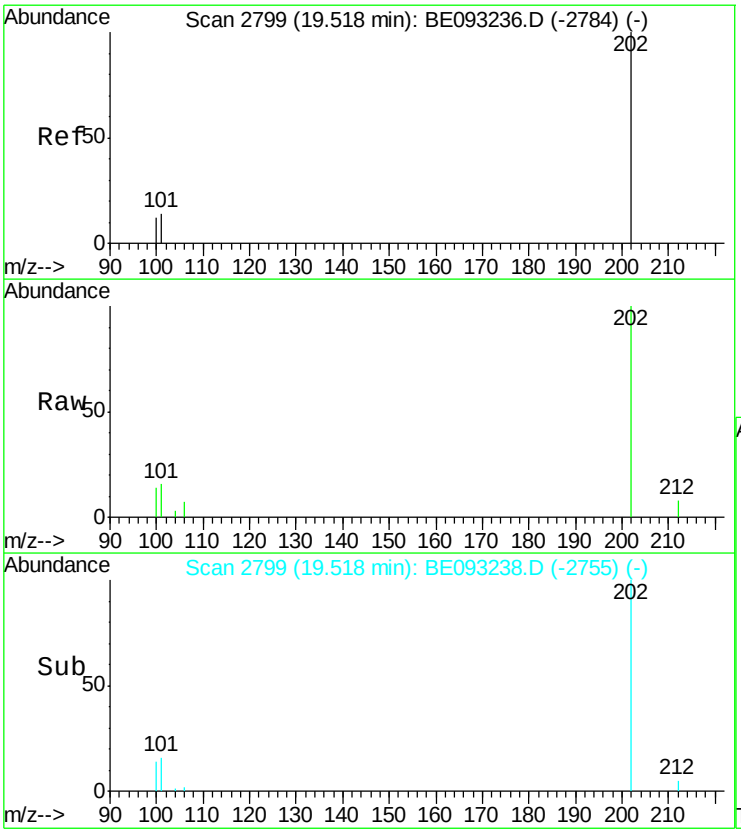
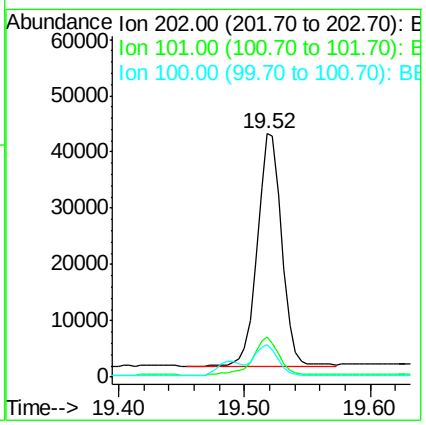
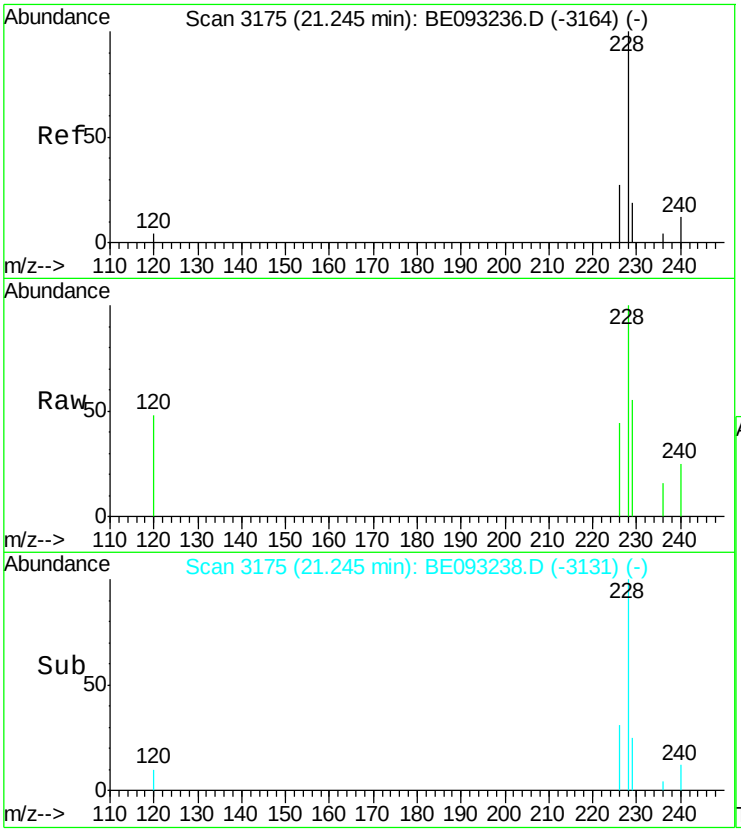


#17
Pyrene
Concen: 1.05 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Tgt Ion:202 Resp: 56728

Ion	Ratio	Lower	Upper
202	100		
101	16.4	18.2	27.4#
100	13.5	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.31 ng/ul
RT: 21.25 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Instrument :
BNA_E
ClientSampleId :
F5C54DL

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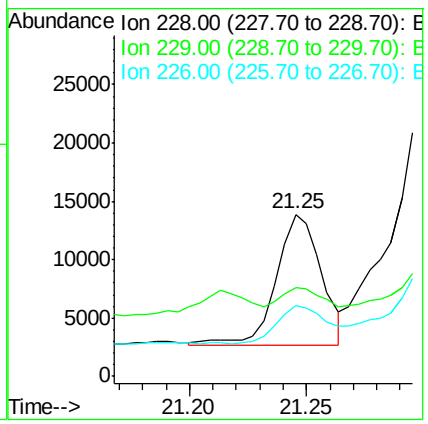
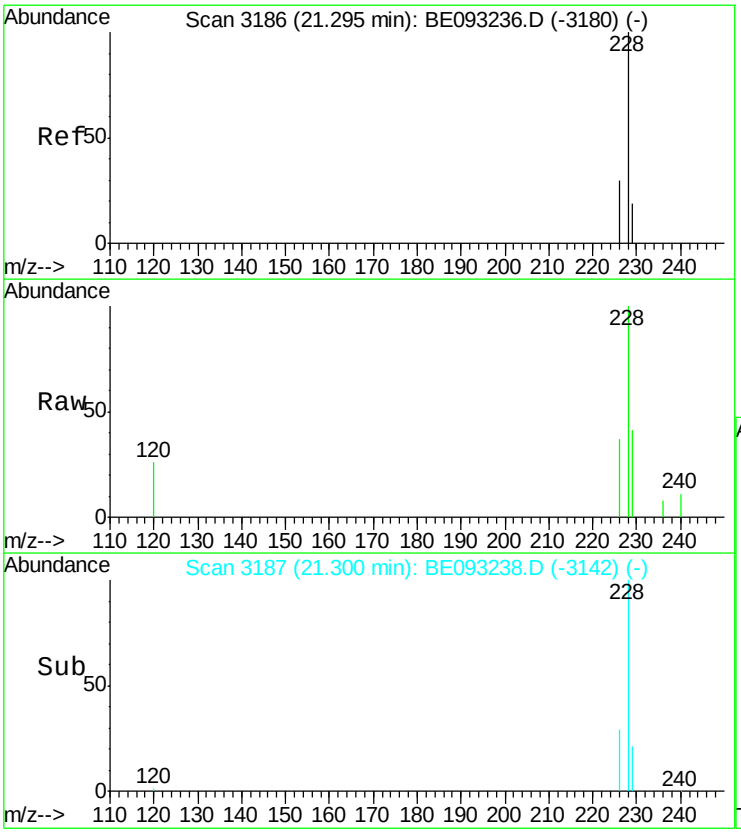
Tgt Ion:228 Resp: 15295

Ion	Ratio	Lower	Upper
228	100		
229	55.2	22.8	34.2#
226	43.7	17.0	25.6#

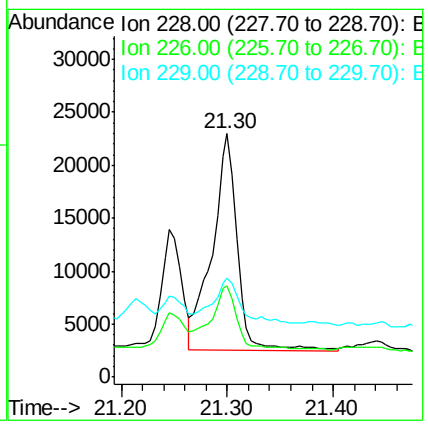


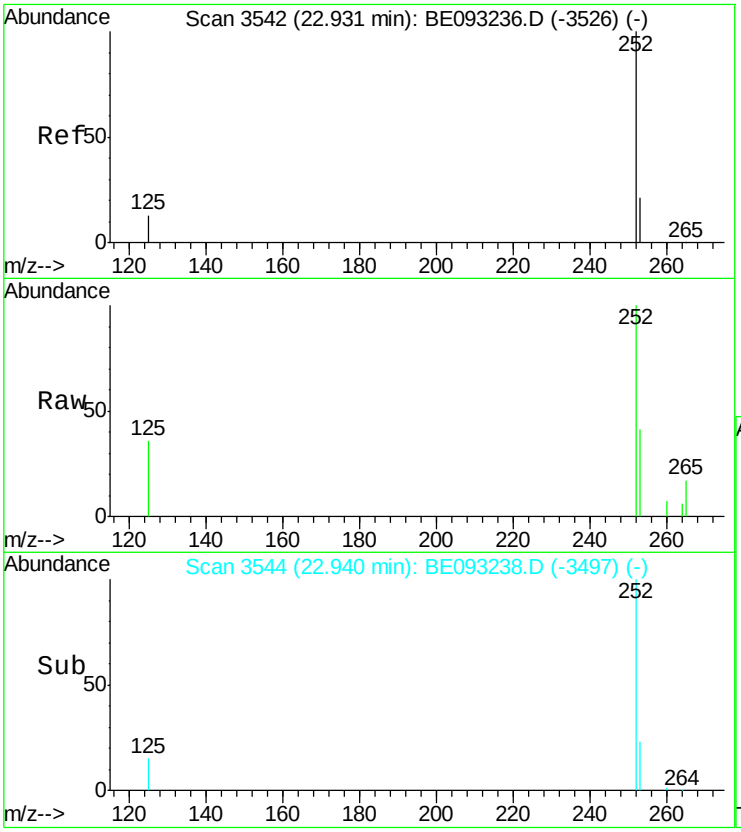


#19
Chrysene
Concen: 0.66 ng/ul
RT: 21.30 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Tgt Ion:228 Resp: 33777

Ion	Ratio	Lower	Upper
228	100		
226	37.5	23.4	35.0#
229	40.8	17.7	26.5#





#21
Benzo(b)fluoranthene
Concen: 0.71 ng/ul m
RT: 22.94 min Scan# 3544
Delta R.T. 0.01 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Tgt Ion:252 Resp: 36600

Ion	Ratio	Lower	Upper
252	100		
253	40.5	0.0	64.2
125	35.6	0.0	35.0#

Instrument :
BNA_E
ClientSampleId :
F5C54DL

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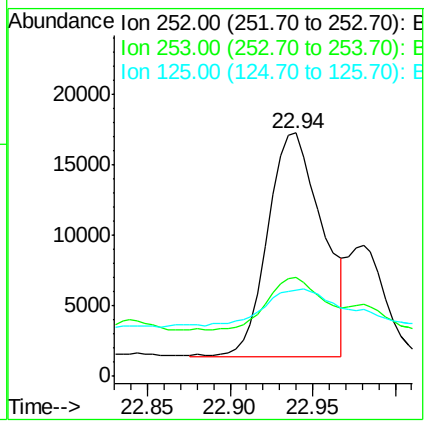
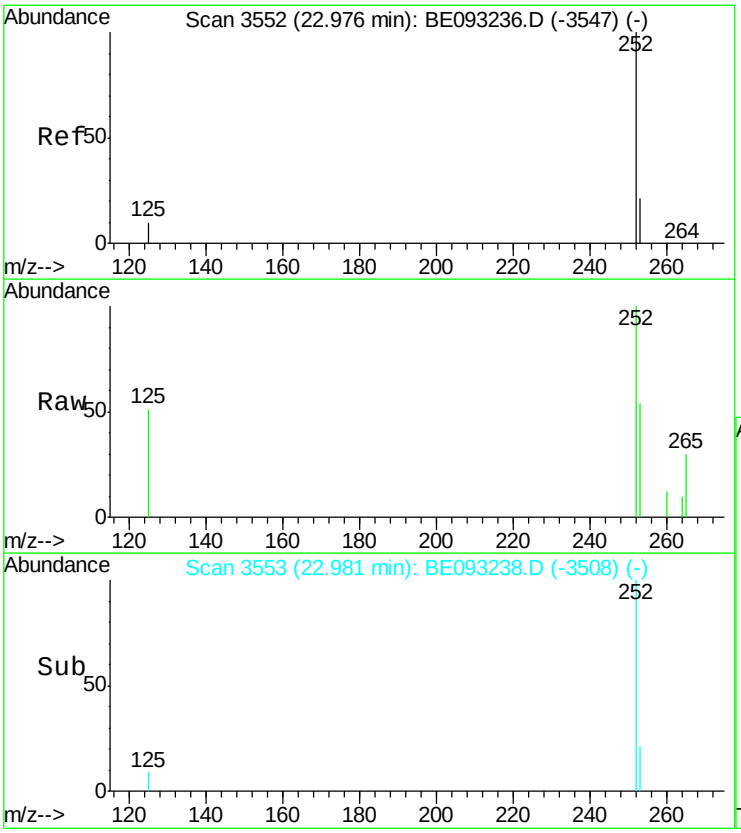
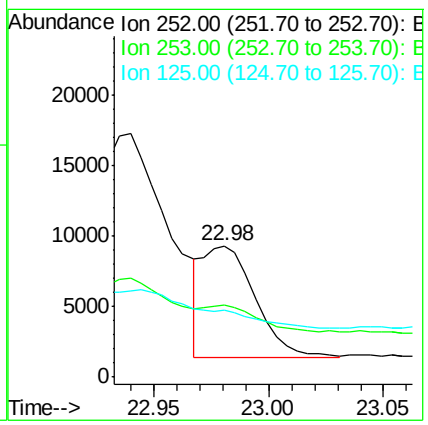


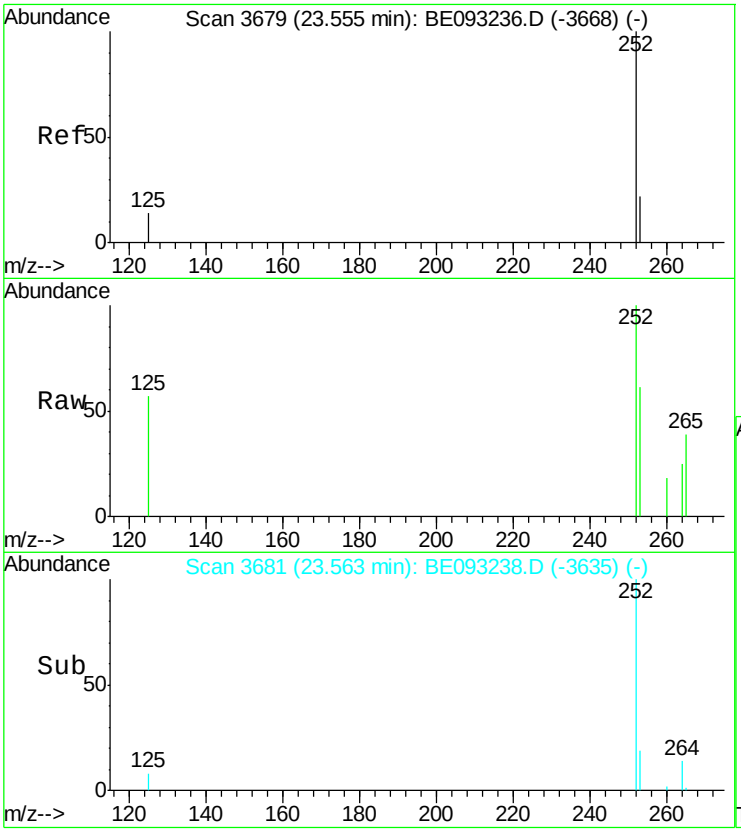


#22
Benzo(k)fluoranthene
Concen: 0.23 ng/ul m
RT: 22.98 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Tgt Ion:252 Resp: 12560

Ion	Ratio	Lower	Upper
252	100		
253	54.5	24.5	36.7#
125	50.7	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.23 ng/ul
RT: 23.56 min Scan# 3681
Delta R.T. 0.01 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Tgt Ion:252 Resp: 11263

Ion	Ratio	Lower	Upper
252	100		
253	61.0	28.5	42.7#
125	56.7	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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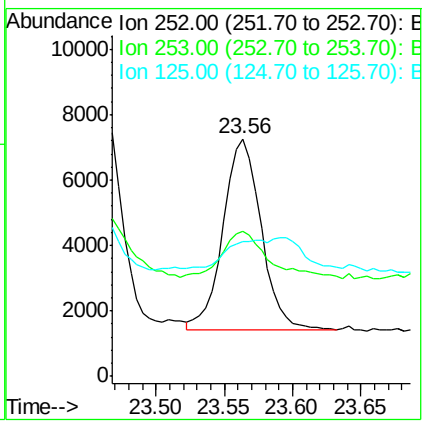
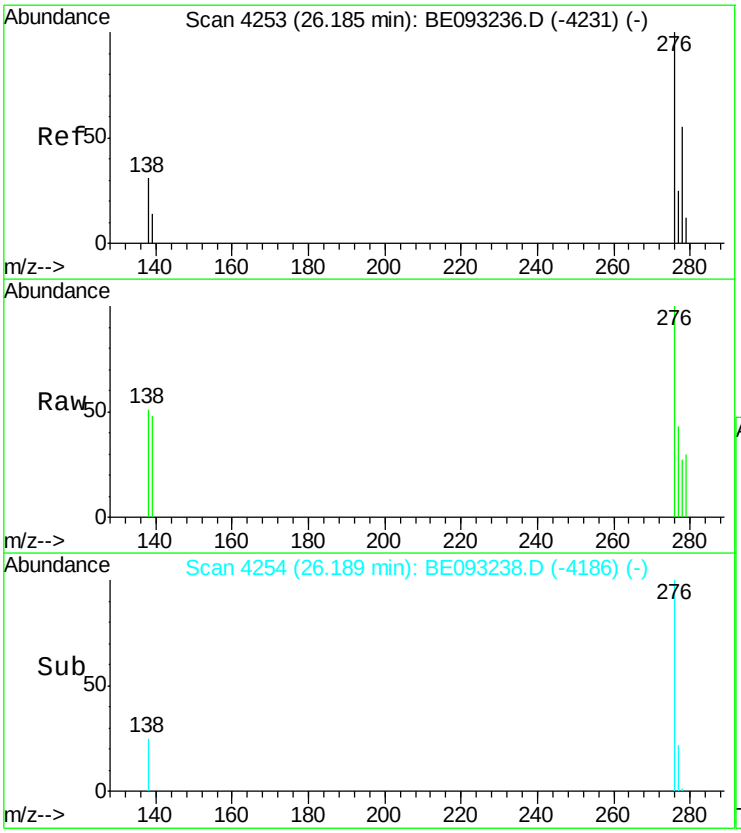
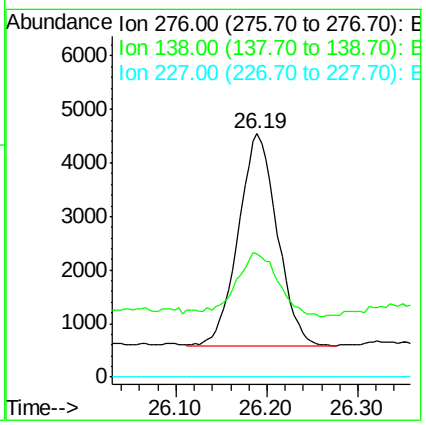


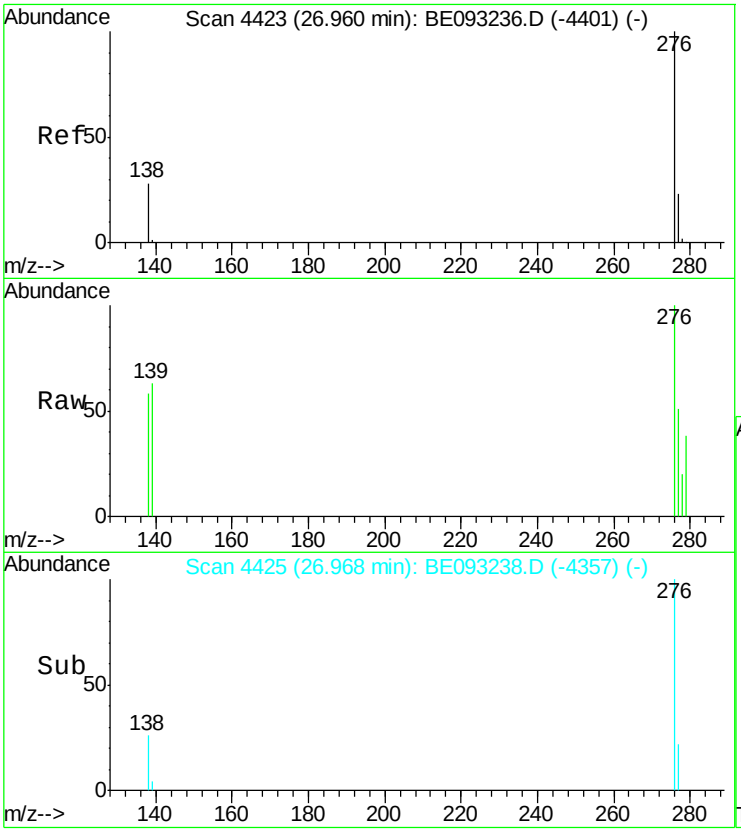


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng/ul
RT: 26.19 min Scan# 4254
Delta R.T. 0.01 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Tgt Ion:276 Resp: 11717

Ion	Ratio	Lower	Upper
276	100		
138	32.0	28.0	42.0
227	0.0	8.0	12.0#

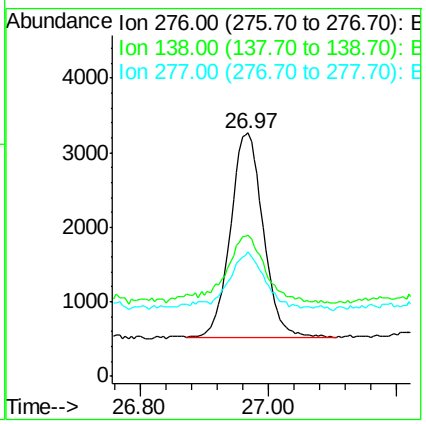




#26
Benzo(g,h,i)perylene
Concen: 0.20 ng/ul
RT: 26.97 min Scan# 4425
Delta R.T. 0.01 min
Lab File: BE093238.D
Acq: 16 Jun 2017 14:25

Tgt Ion:276 Resp: 9759

Ion	Ratio	Lower	Upper
276	100		
138	57.9	21.8	32.8#
277	51.3	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
F5C54DL

Manual Integrations APPROVED
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