

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093566.D
 Acq On : 25 Jul 2017 8:13
 Operator : SJ/JU
 Sample : I4209-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B08

Manual Integrations
 APPROVED

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Quant Time: Jul 25 12:03:48 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	2260	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12103	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8019	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20513m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23046	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19174m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4631	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	17302	0.27	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	1317	0.045	ng/ul#	89
12) Phenanthrene	17.29	178	4013	0.072	ng/ul#	89
15) Fluoranthene	19.31	202	11319	0.162	ng/ul	84
17) Pyrene	19.67	202	14116	0.210	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	10607	0.159	ng/ul#	91
19) Chrysene	21.45	228	11188	0.175	ng/ul#	93
21) Benzo(b)fluoranthene	23.15	252	17049	0.287	ng/ul	93
22) Benzo(k)fluoranthene	23.19	252	6685m	0.114	ng/ul	
23) Benzo(a)pyrene	23.81	252	14352m	0.254	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	8858m	0.142	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	8085m	0.154	ng/ul	

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

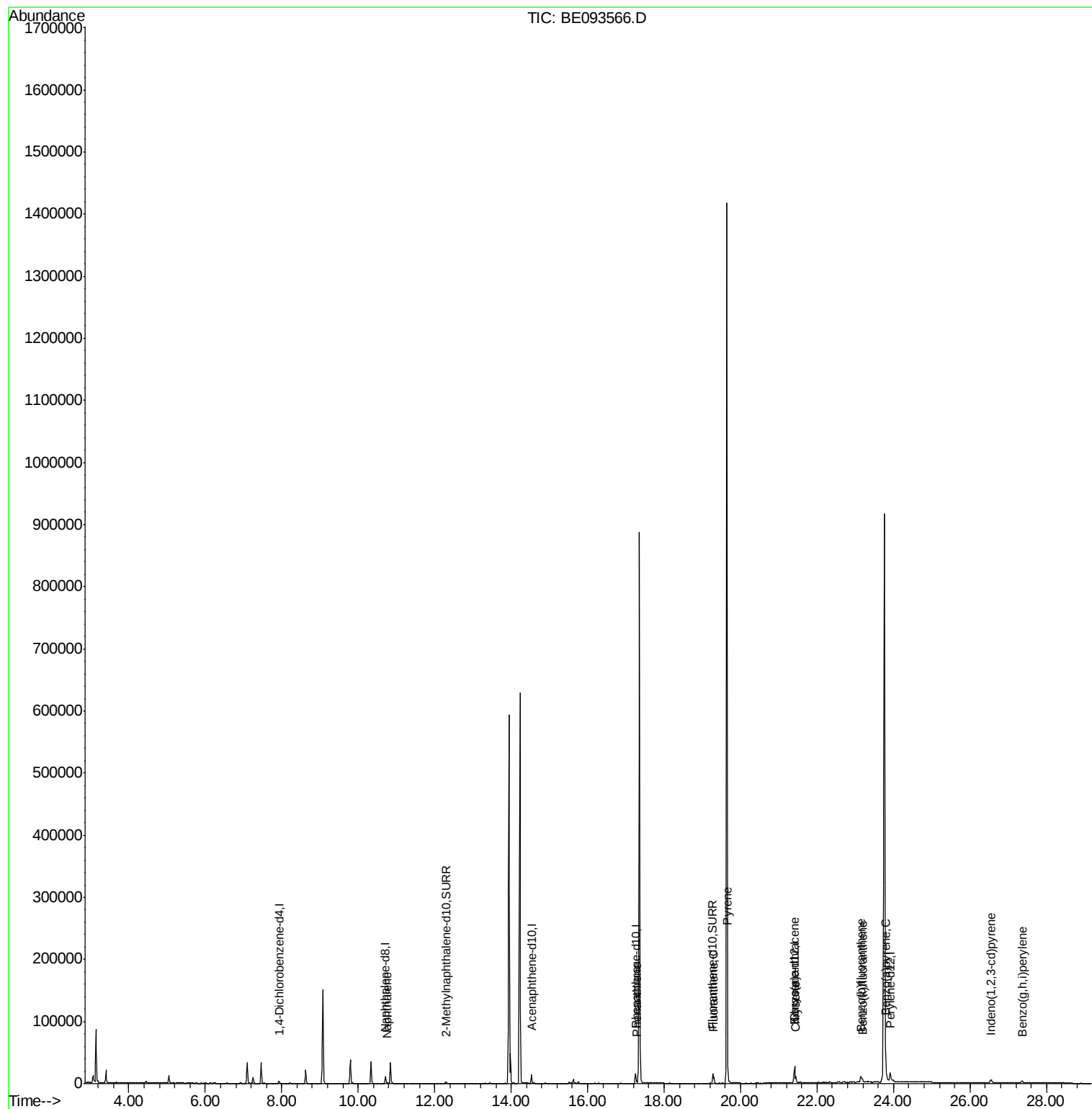
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093566.D
Acq On : 25 Jul 2017 8:13
Operator : SJ/JU
Sample : I4209-05
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ALS Vial : 37 Sample Multiplier: 1

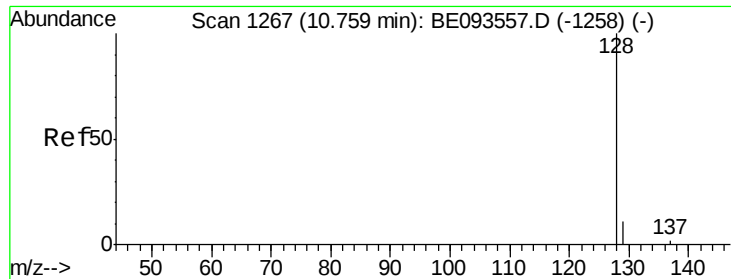
Instrument :
BNA_E
ClientSampleId :
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QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.045 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE093566.D

Acq: 25 Jul 2017 8:13

Instrument :

BNA_E

ClientSampled :

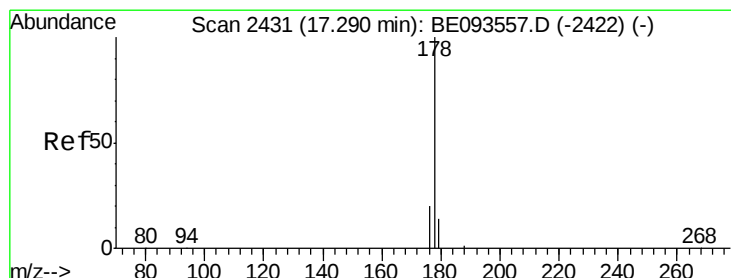
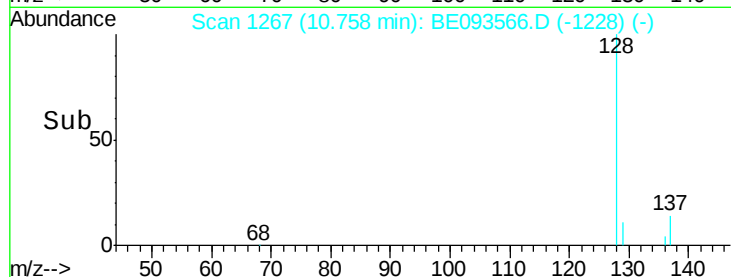
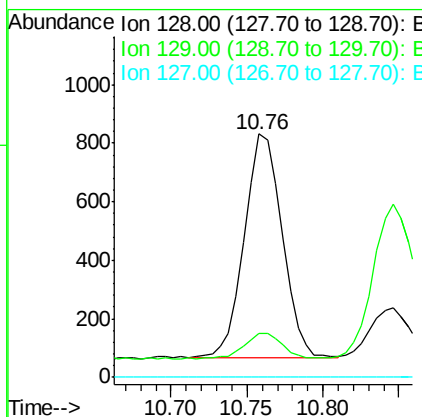
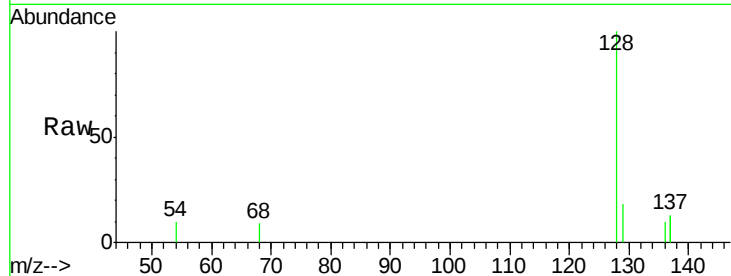
C0B08

Tgt Ion:	128	Resp:	1317
Ion Ratio	Lower	Upper	
128	100		
129	18.3	11.3	16.9#
127	0.0	4.0	6.0#

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#12

Phenanthrene

Concen: 0.072 ng/ul

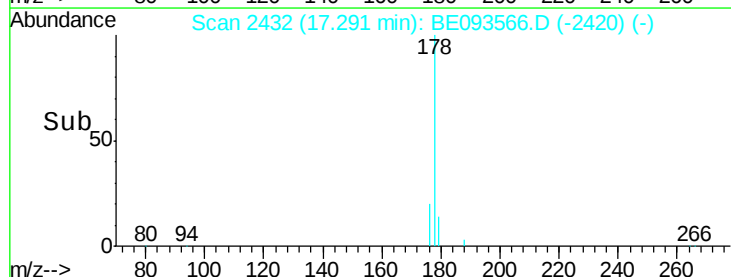
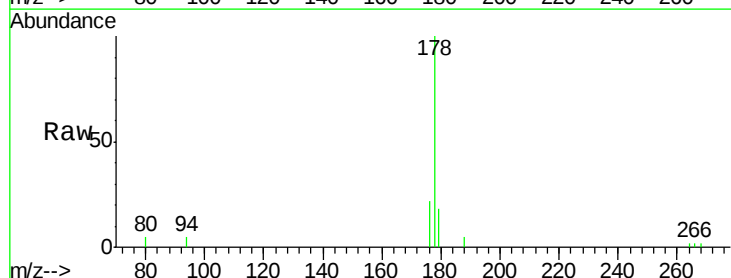
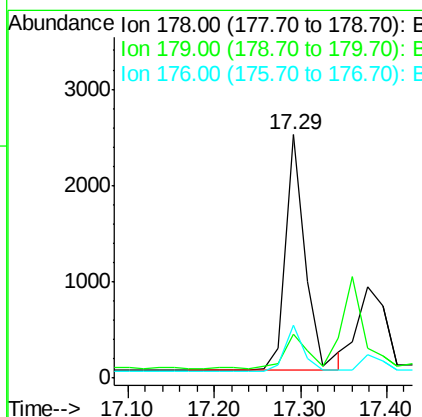
RT: 17.29 min Scan# 2432

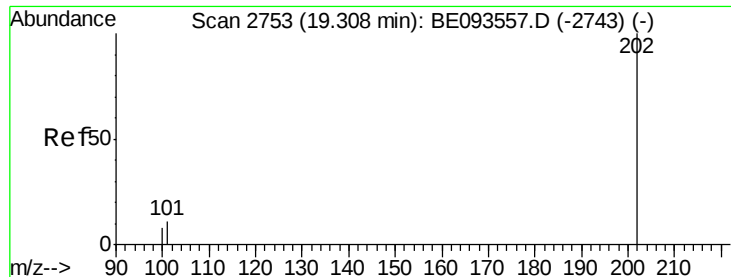
Delta R.T. 0.00 min

Lab File: BE093566.D

Acq: 25 Jul 2017 8:13

Tgt Ion:	178	Resp:	4013
Ion Ratio	Lower	Upper	
178	100		
179	17.8	18.4	27.6#
176	21.8	13.6	20.4#





#15

Fluoranthene

Concen: 0.162 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE093566.D

Acq: 25 Jul 2017 8:13

Instrument :

BNA_E

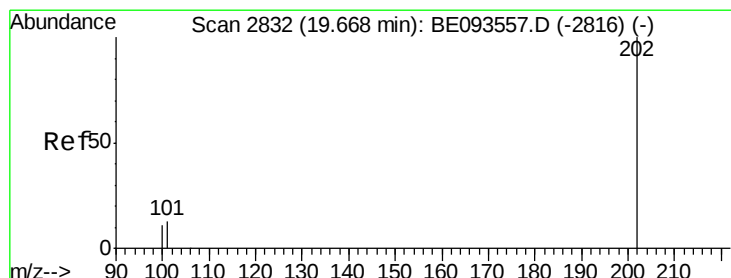
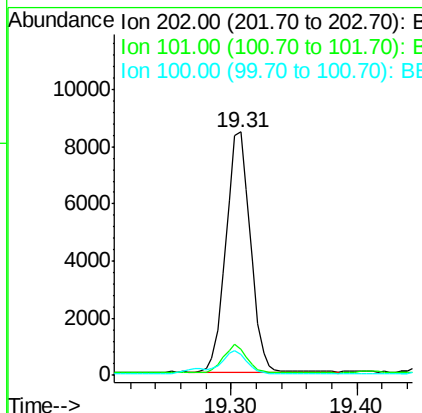
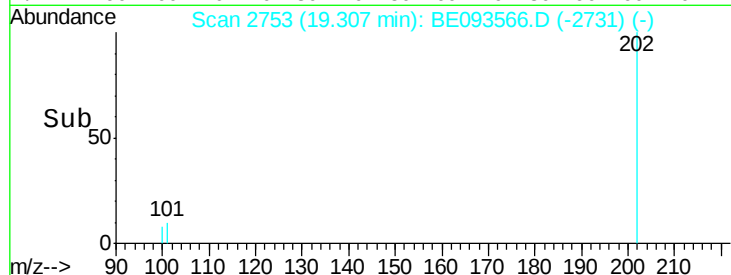
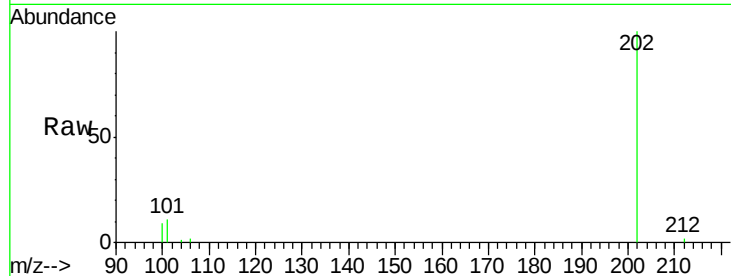
ClientSampled :

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Tgt Ion:	202	Resp:	11319
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.3
100	8.6	0.0	39.5

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#17

Pyrene

Concen: 0.210 ng/ul

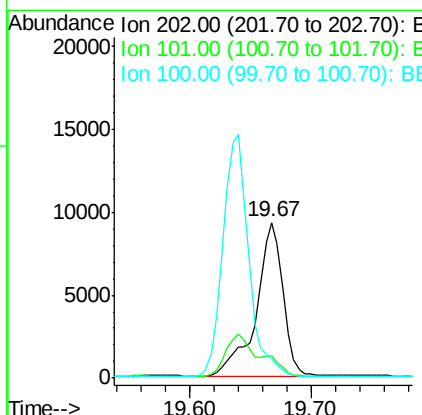
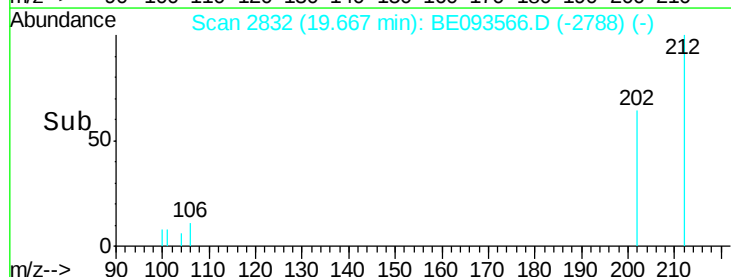
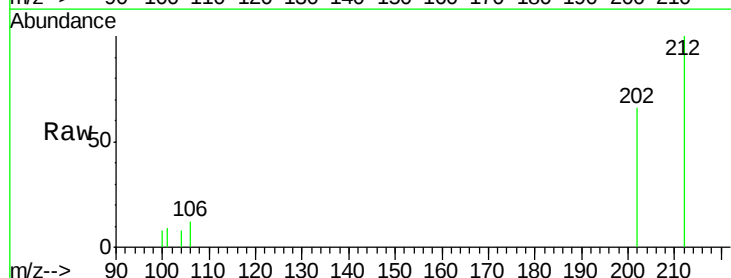
RT: 19.67 min Scan# 2832

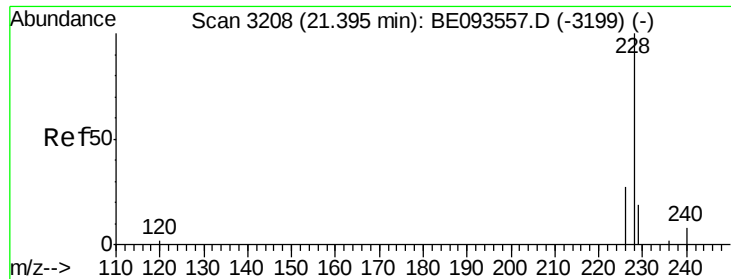
Delta R.T. -0.00 min

Lab File: BE093566.D

Acq: 25 Jul 2017 8:13

Tgt Ion:	202	Resp:	14116
Ion Ratio	Lower	Upper	
202	100		
101	13.8	18.2	27.4#
100	12.2	15.6	23.4#





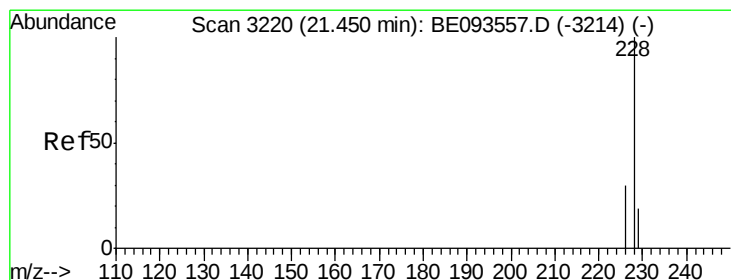
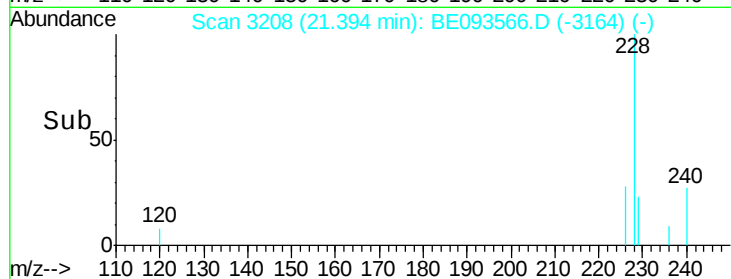
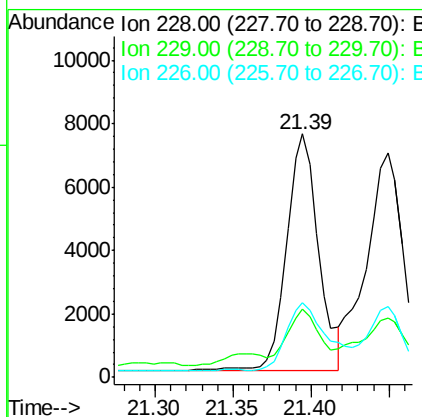
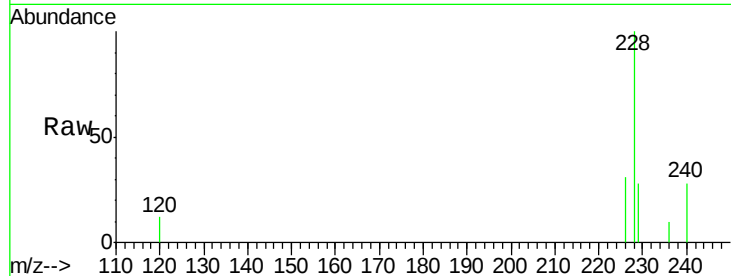
#18
Benzo(a)anthracene
Concen: 0.159 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE093566.D
Acq: 25 Jul 2017 8:13

Instrument :
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ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.8	22.8	34.2
226	30.7	17.0	25.6

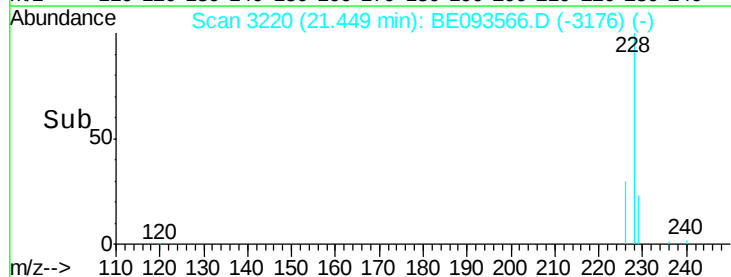
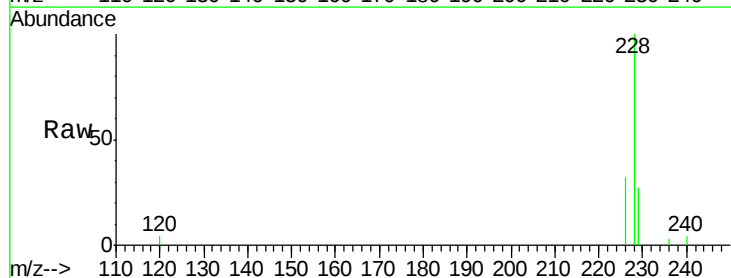
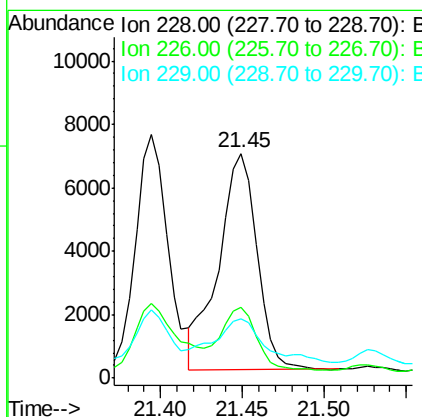
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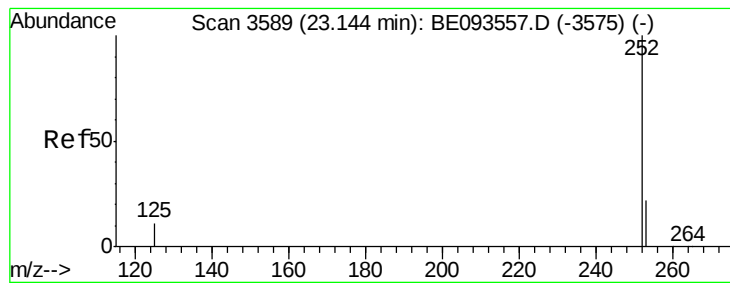
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#19
Chrysene
Concen: 0.175 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BE093566.D
Acq: 25 Jul 2017 8:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	26.5	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.287 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BE093566.D

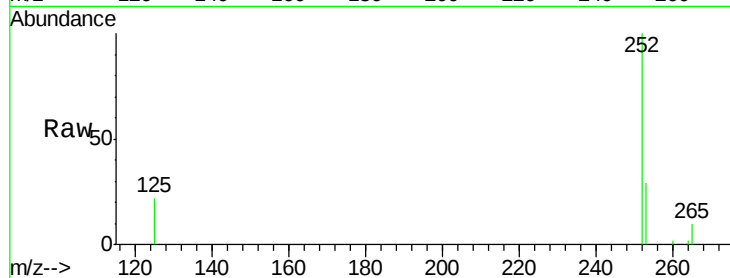
Acq: 25 Jul 2017 8:13

Instrument :

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ClientSampled :

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Tgt Ion: 252 Resp: 17049

Ion Ratio Lower Upper

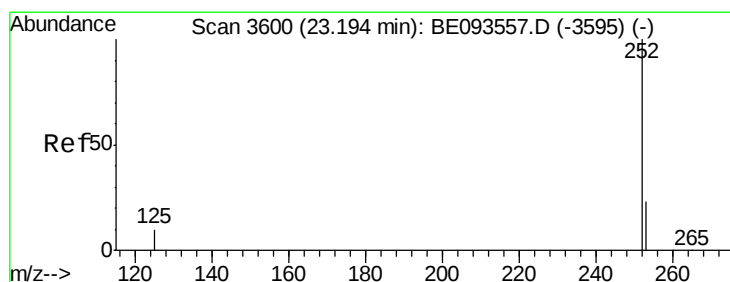
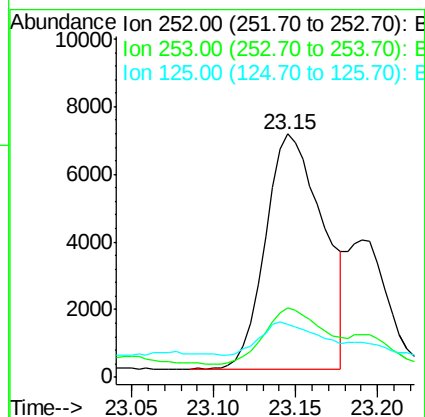
252 100

253 28.6 0.0 64.2

125 21.6 0.0 35.0

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#22

Benzo(k)fluoranthene

Concen: 0.114 ng/ul m

RT: 23.19 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE093566.D

Acq: 25 Jul 2017 8:13

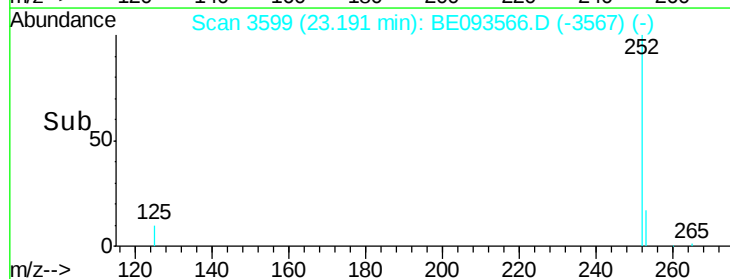
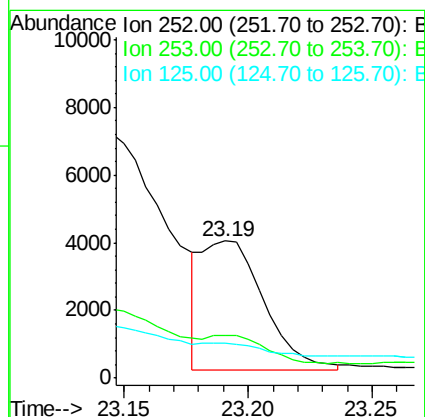
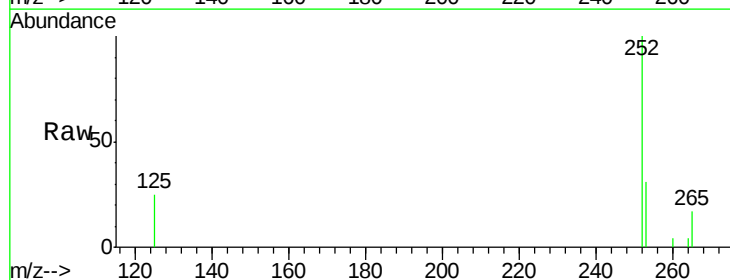
Tgt Ion: 252 Resp: 6685

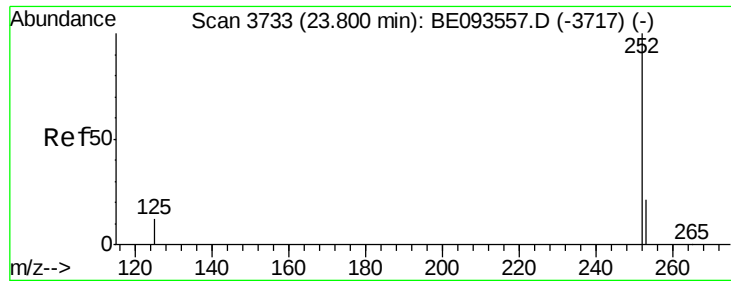
Ion Ratio Lower Upper

252 100

253 31.5 24.5 36.7

125 25.1 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.254 ng/ul m

RT: 23.81 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BE093566.D

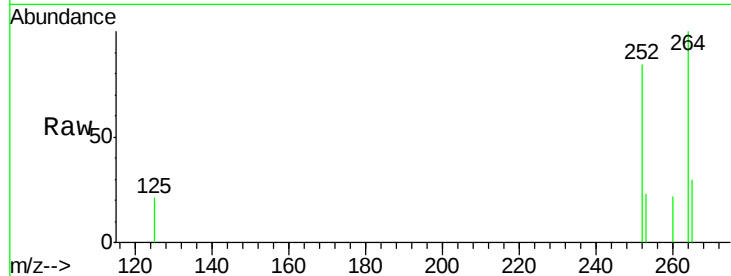
Acq: 25 Jul 2017 8:13

Instrument :

BNA_E

ClientSampled :

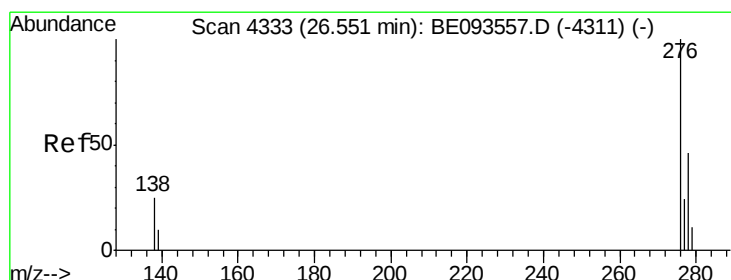
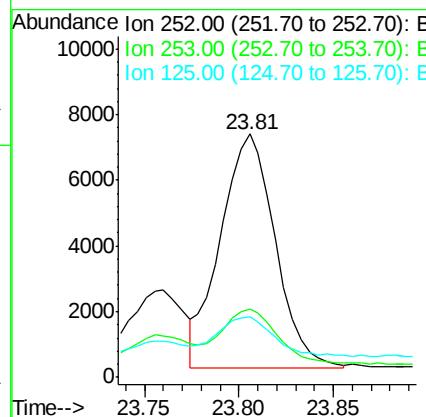
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	28.5	42.7#
125	24.9	18.1	27.1

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.142 ng/ul m

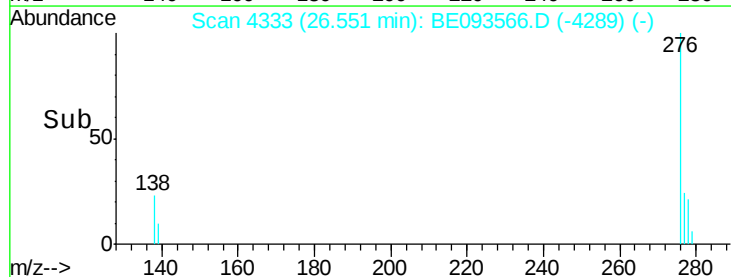
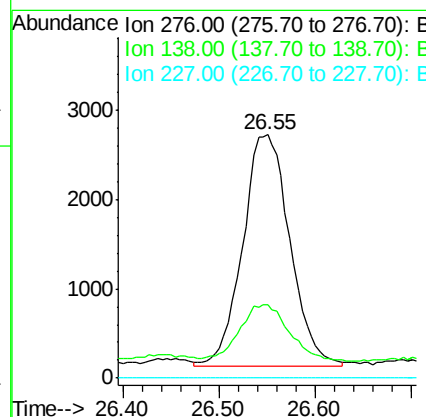
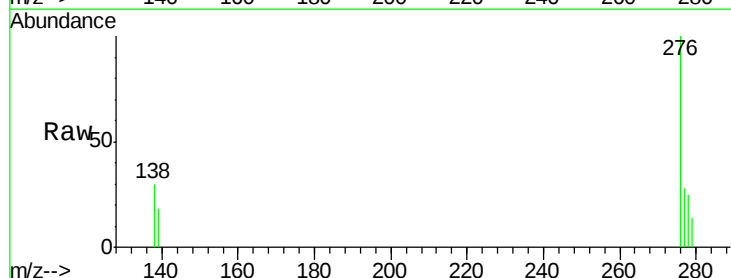
RT: 26.55 min Scan# 4333

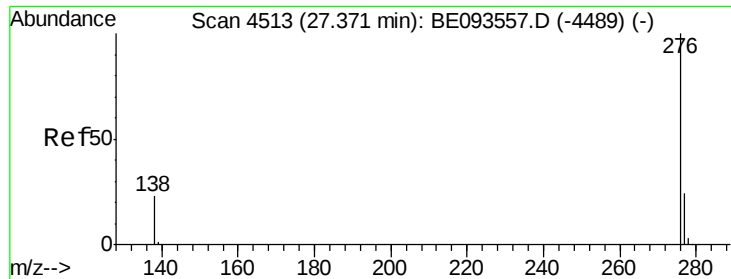
Delta R.T. -0.00 min

Lab File: BE093566.D

Acq: 25 Jul 2017 8:13

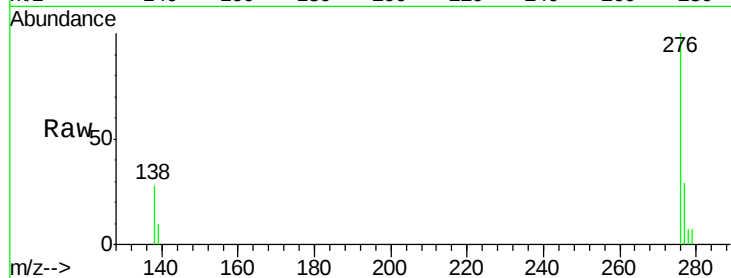
Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.0	28.0	42.0#
227	0.0	8.0	12.0#





#26
 Benzo(g,h,i)perylene
 Concen: 0.154 ng/ul m
 RT: 27.36 min Scan# 4511
 Delta R.T. -0.01 min
 Lab File: BE093566.D
 Acq: 25 Jul 2017 8:13

Instrument :
 BNA_E
 ClientSampleId :
 C0B08



Tgt Ion:	276	Resp:	8085
Ion Ratio	Lower	Upper	
276	100		
138	28.4	21.8	32.8
277	29.3	20.5	30.7

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