

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
 Data File : BE093582.D
 Acq On : 25 Jul 2017 18:04
 Operator : SJ/JU
 Sample : I4213-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B42

Manual Integrations
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Quant Time: Jul 25 18:56:24 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 18:00:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2326	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12530	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8217	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20769m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22638	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19051m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5353	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	18378	0.28	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.76	128	1374	0.045	ng/ul#	90
12) Phenanthrene	17.29	178	5526	0.098	ng/ul#	88
13) Anthracene	17.38	178	1939	0.035	ng/ul#	77
15) Fluoranthene	19.30	202	17161	0.243	ng/ul	84
17) Pyrene	19.67	202	19294	0.292	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	9166	0.140	ng/ul#	87
19) Chrysene	21.45	228	8815	0.140	ng/ul	97
21) Benzo(b)fluoranthene	23.14	252	12371m	0.210	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	4774m	0.082	ng/ul	
23) Benzo(a)pyrene	23.81	252	9457m	0.169	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.54	276	5987m	0.097	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	5450m	0.105	ng/ul	

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

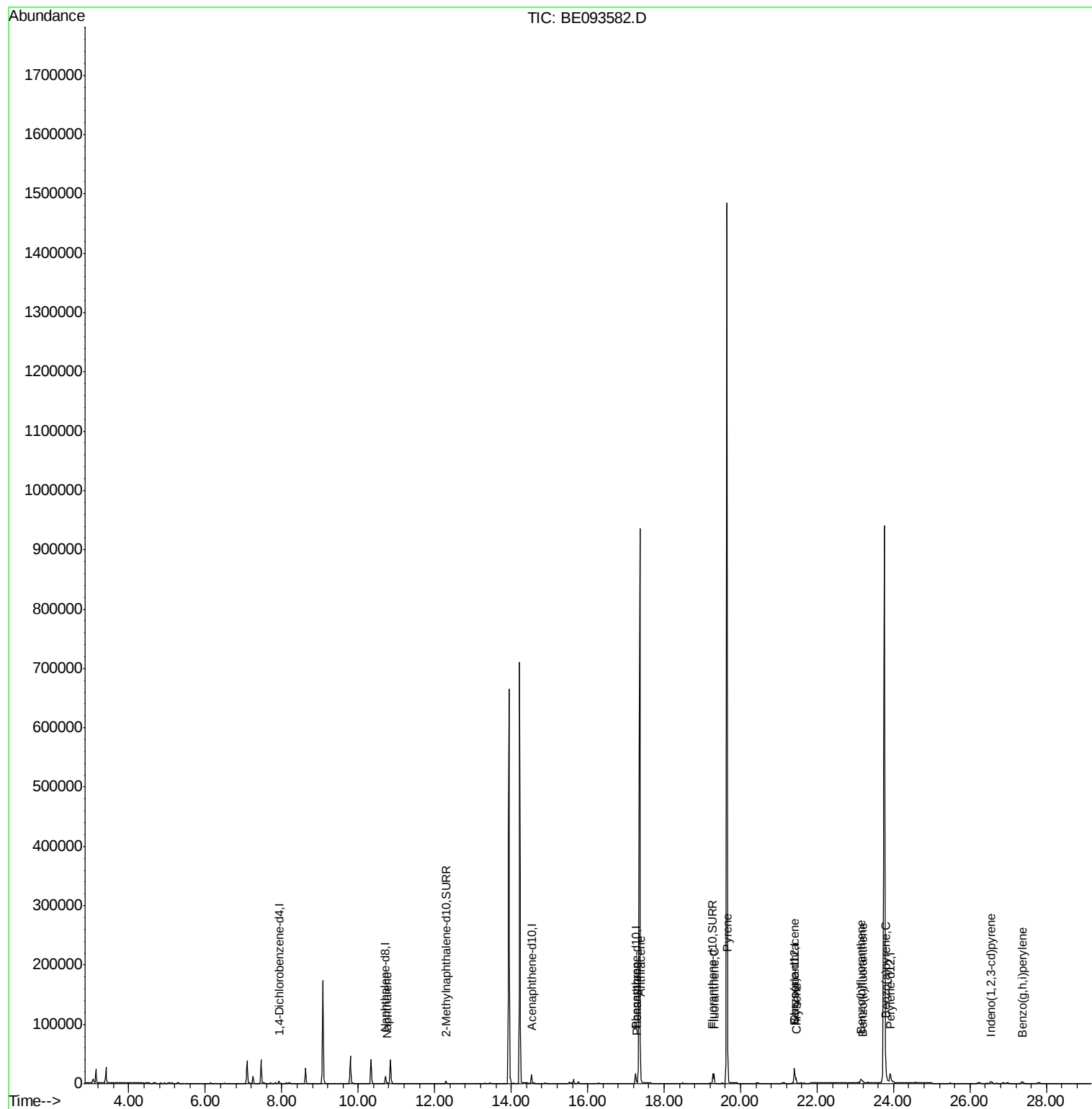
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
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Sample : I4213-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

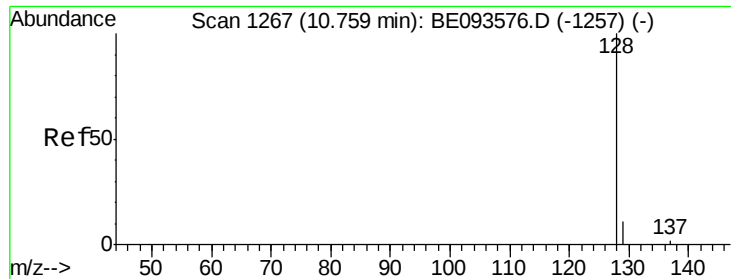
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#3

Naphthalene

Concen: 0.045 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE093582.D

Acq: 25 Jul 2017 18:04

Instrument :

BNA_E

ClientSampleId :

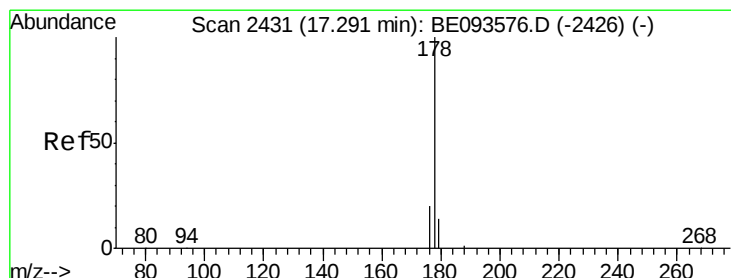
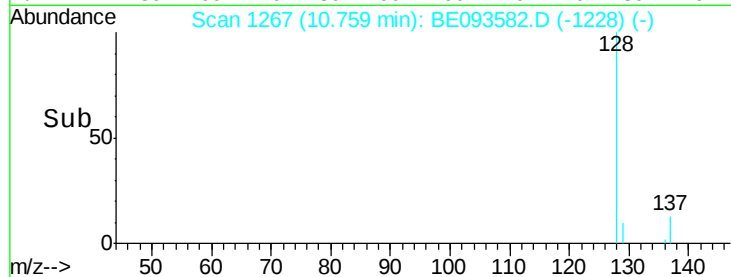
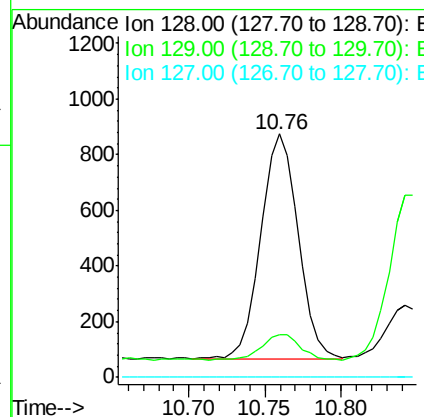
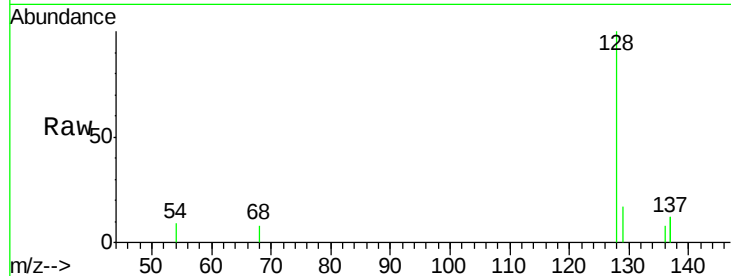
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Tgt Ion:	128	Resp:	1374
Ion Ratio	Lower	Upper	
128	100		
129	17.5	11.3	16.9#
127	0.0	4.0	6.0#

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#12

Phenanthrene

Concen: 0.098 ng/ul

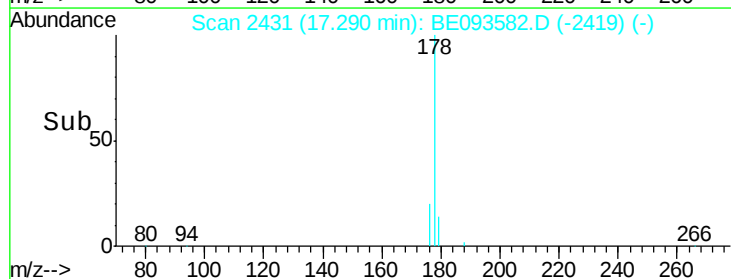
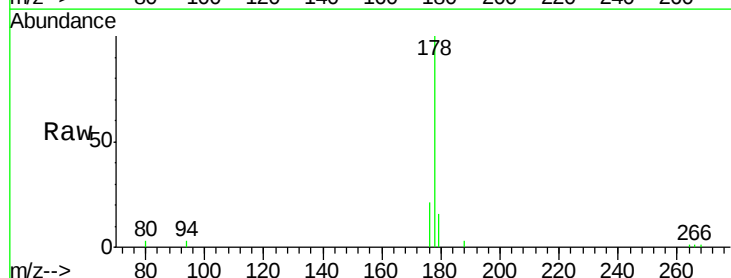
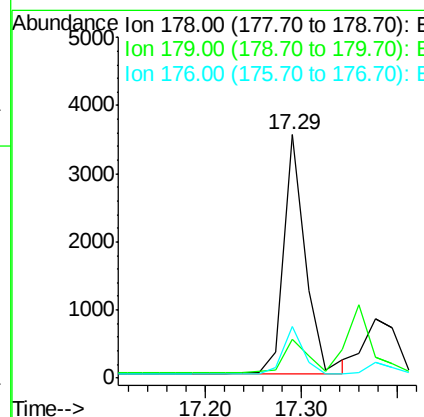
RT: 17.29 min Scan# 2431

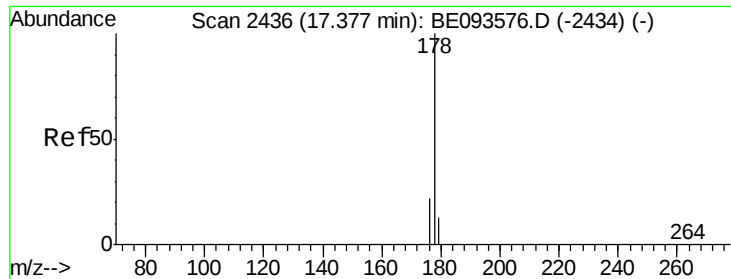
Delta R.T. 0.00 min

Lab File: BE093582.D

Acq: 25 Jul 2017 18:04

Tgt Ion:	178	Resp:	5526
Ion Ratio	Lower	Upper	
178	100		
179	15.9	18.4	27.6#
176	21.0	13.6	20.4#





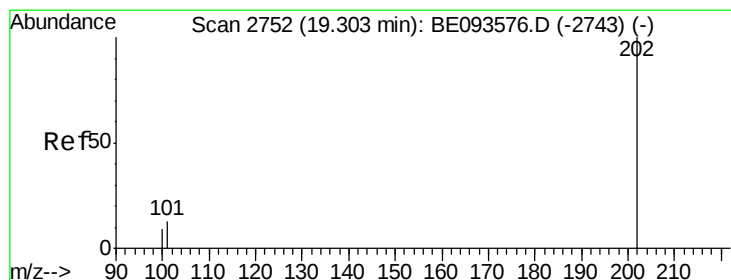
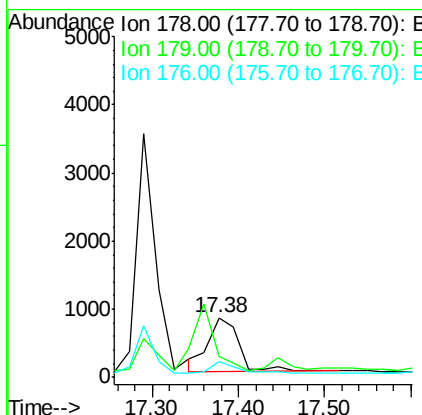
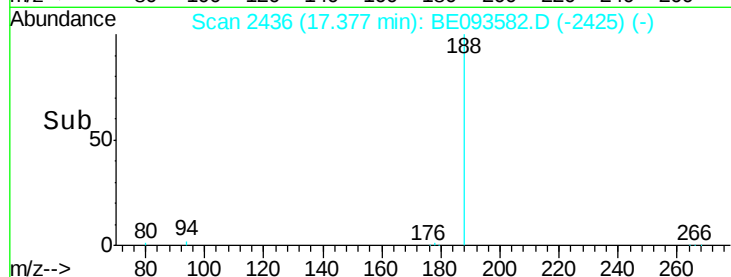
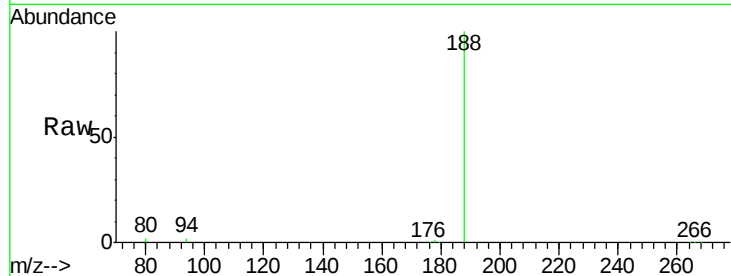
#13
 Anthracene
 Concen: 0.035 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE093582.D
 Acq: 25 Jul 2017 18:04

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	35.4	18.1	27.1#
176	26.5	14.7	22.1#

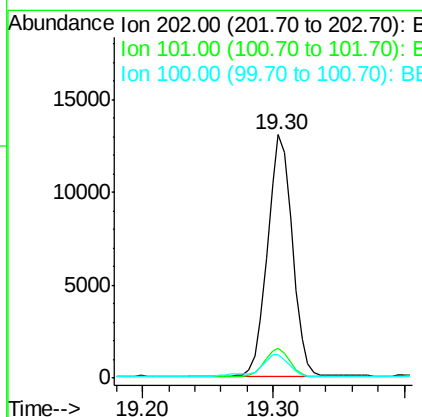
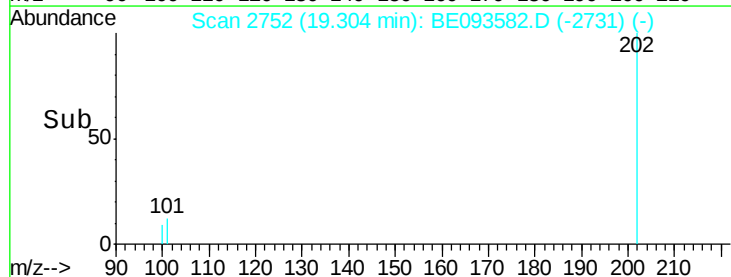
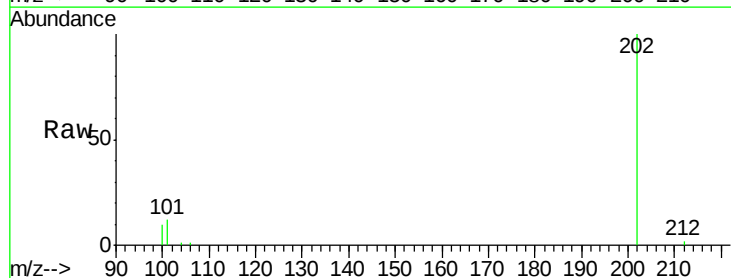
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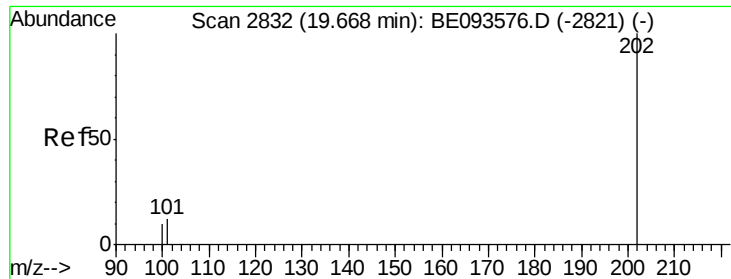
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#15
 Fluoranthene
 Concen: 0.243 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BE093582.D
 Acq: 25 Jul 2017 18:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.3
100	9.5	0.0	39.5





#17

Pyrene

Concen: 0.292 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BE093582.D

Acq: 25 Jul 2017 18:04

Instrument :

BNA_E

ClientSampleId :

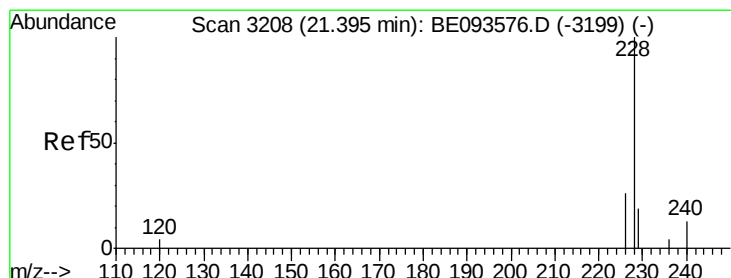
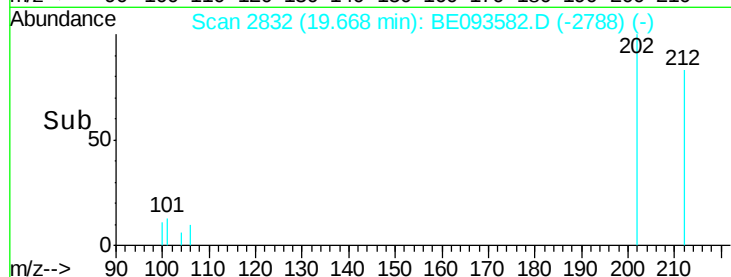
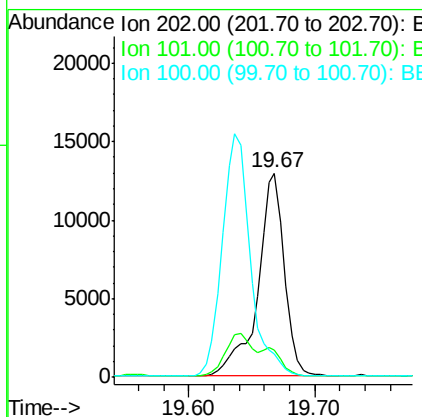
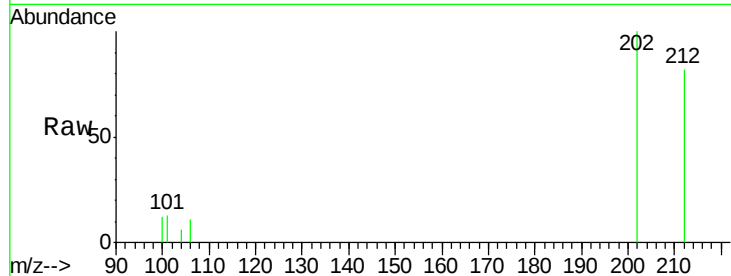
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Tgt Ion:	202	Resp:	19294
Ion Ratio	Lower	Upper	
202	100		
101	13.4	18.2	27.4#
100	11.5	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.140 ng/ul

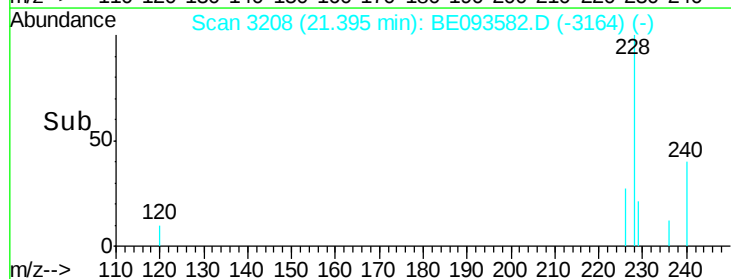
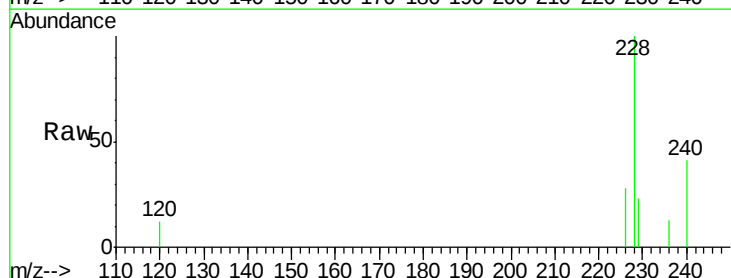
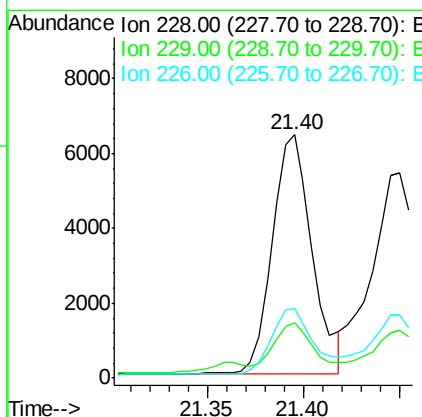
RT: 21.40 min Scan# 3208

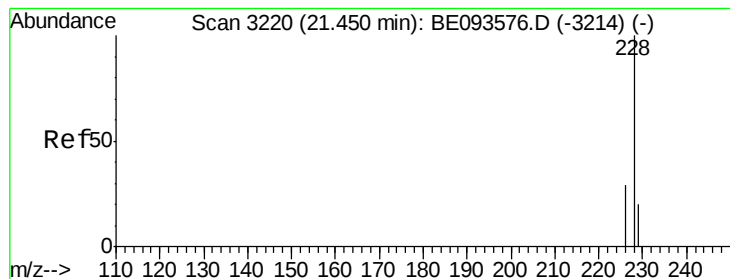
Delta R.T. 0.00 min

Lab File: BE093582.D

Acq: 25 Jul 2017 18:04

Tgt Ion:	228	Resp:	9166
Ion Ratio	Lower	Upper	
228	100		
229	22.7	22.8	34.2#
226	28.5	17.0	25.6#





#19

Chrysene

Concen: 0.140 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BE093582.D

Acq: 25 Jul 2017 18:04

Instrument :

BNA_E

ClientSampleId :

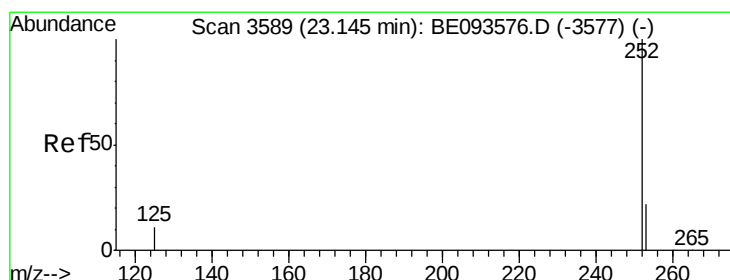
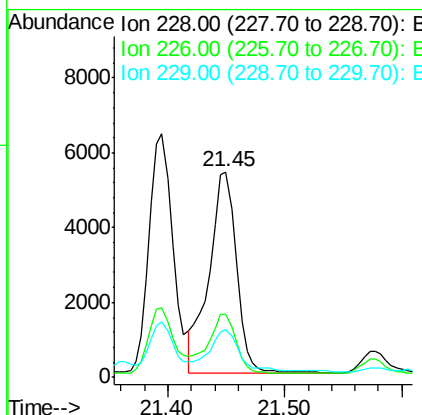
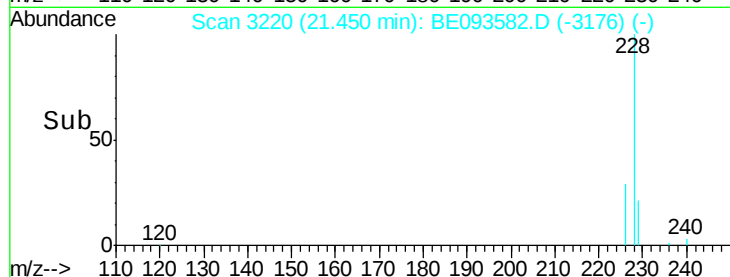
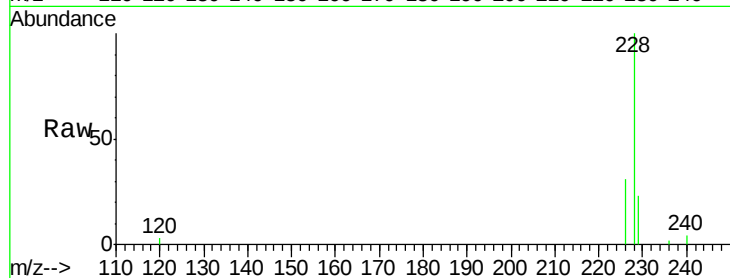
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Tgt Ion:	228	Resp:	8815
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.4	35.0
229	23.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.210 ng/ul m

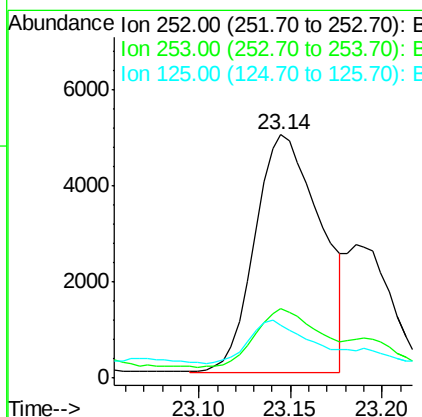
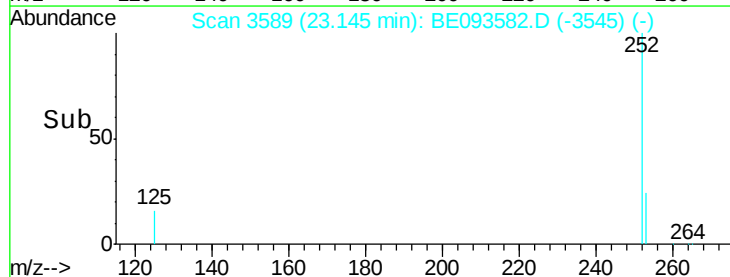
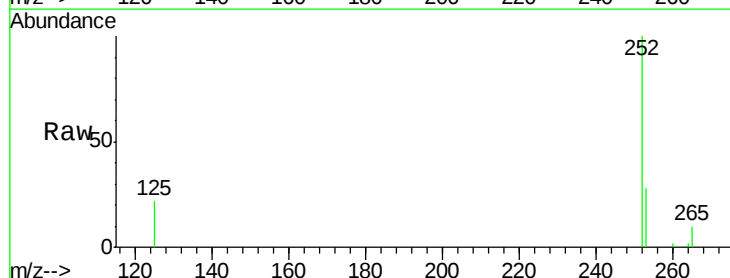
RT: 23.14 min Scan# 3589

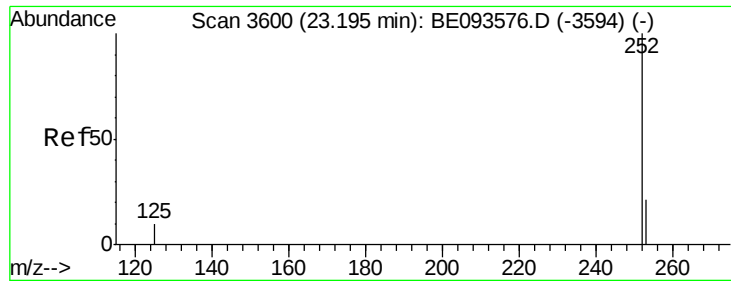
Delta R.T. 0.00 min

Lab File: BE093582.D

Acq: 25 Jul 2017 18:04

Tgt Ion:	252	Resp:	12371
Ion Ratio	Lower	Upper	
252	100		
253	28.3	0.0	64.2
125	21.7	0.0	35.0





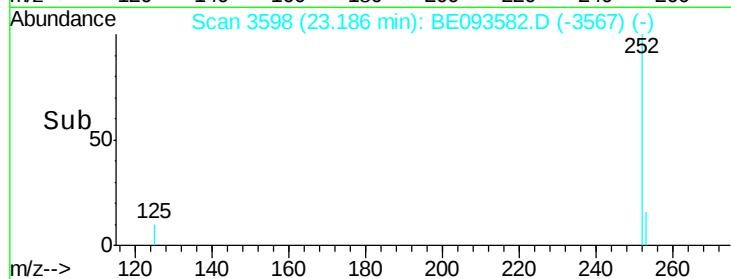
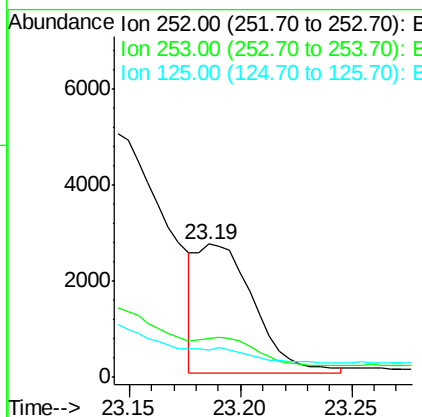
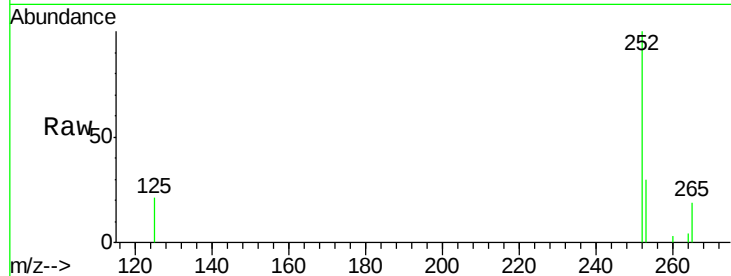
#22
Benzo(k)fluoranthene
Concen: 0.082 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.01 min
Lab File: BE093582.D
Acq: 25 Jul 2017 18:04

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.6	24.5	36.7
125	20.6	13.7	20.5#

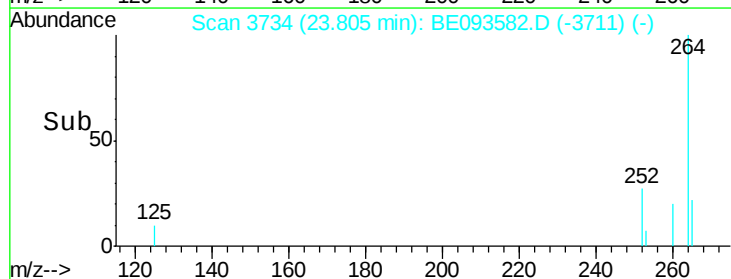
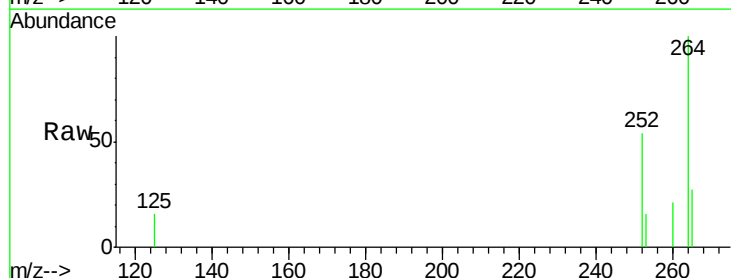
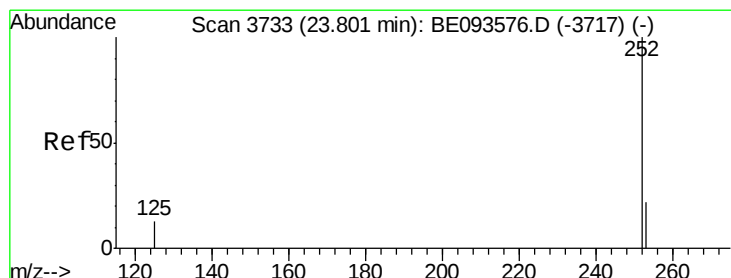
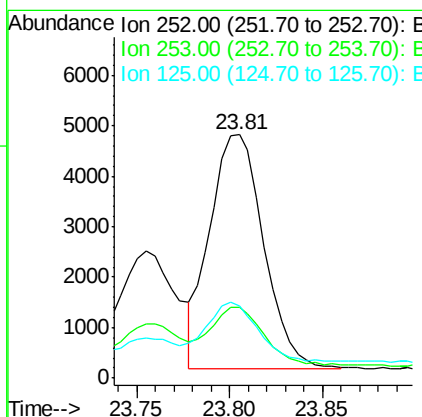
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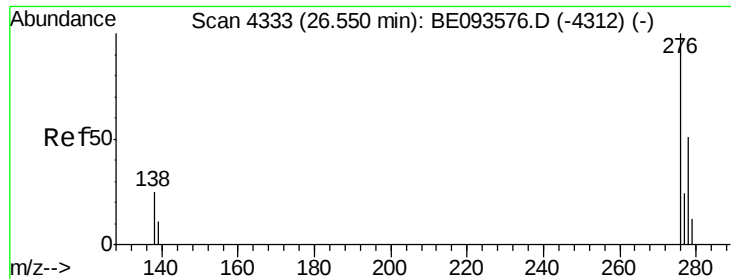
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#23
Benzo(a)pyrene
Concen: 0.169 ng/ul m
RT: 23.81 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BE093582.D
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	28.5	42.7
125	29.6	18.1	27.1#





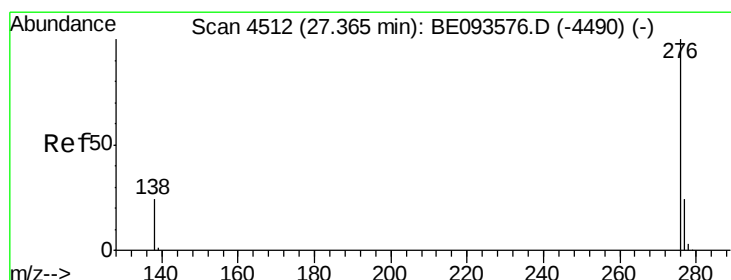
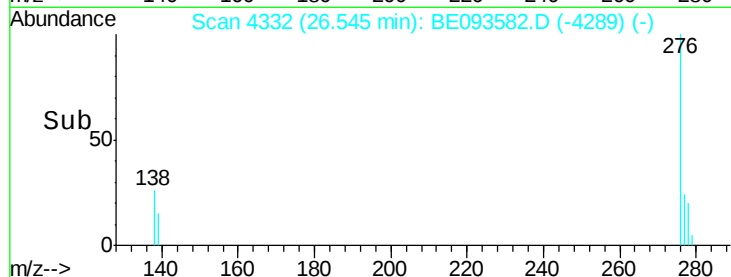
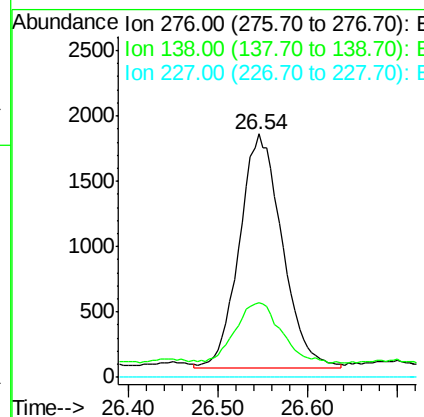
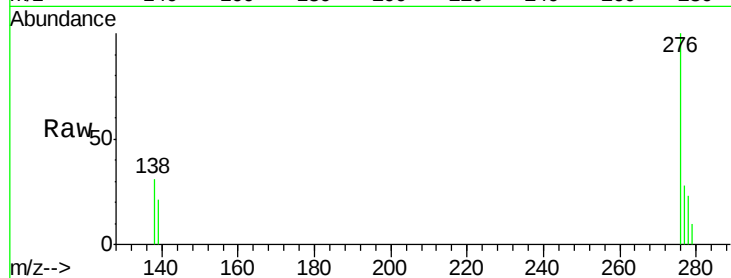
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.097 ng/ul m
 RT: 26.54 min Scan# 4332
 Delta R.T. -0.01 min
 Lab File: BE093582.D
 Acq: 25 Jul 2017 18:04

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.105 ng/ul m
 RT: 27.37 min Scan# 4513
 Delta R.T. -0.00 min
 Lab File: BE093582.D
 Acq: 25 Jul 2017 18:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.8	32.8
277	26.8	20.5	30.7

