

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093559.D
 Acq On : 25 Jul 2017 3:54
 Operator : SJ/JU
 Sample : I4213-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B72

Manual Integrations
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Quant Time: Jul 25 11:44:17 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	2706	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	14447	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	10002	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	25290m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	28416	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	22777m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	7217	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	26019	0.33	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.76	128	1109	0.032	ng/ul#	83
12) Phenanthrene	17.29	178	3721	0.054	ng/ul#	88
15) Fluoranthene	19.31	202	6302	0.073	ng/ul	84
17) Pyrene	19.67	202	5793	0.070	ng/ul#	89
18) Benzo(a)anthracene	21.40	228	3687	0.045	ng/ul#	86
19) Chrysene	21.45	228	3630m	0.046	ng/ul	
21) Benzo(b)fluoranthene	23.15	252	5165	0.073	ng/ul#	77
23) Benzo(a)pyrene	23.80	252	4170m	0.062	ng/ul	

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

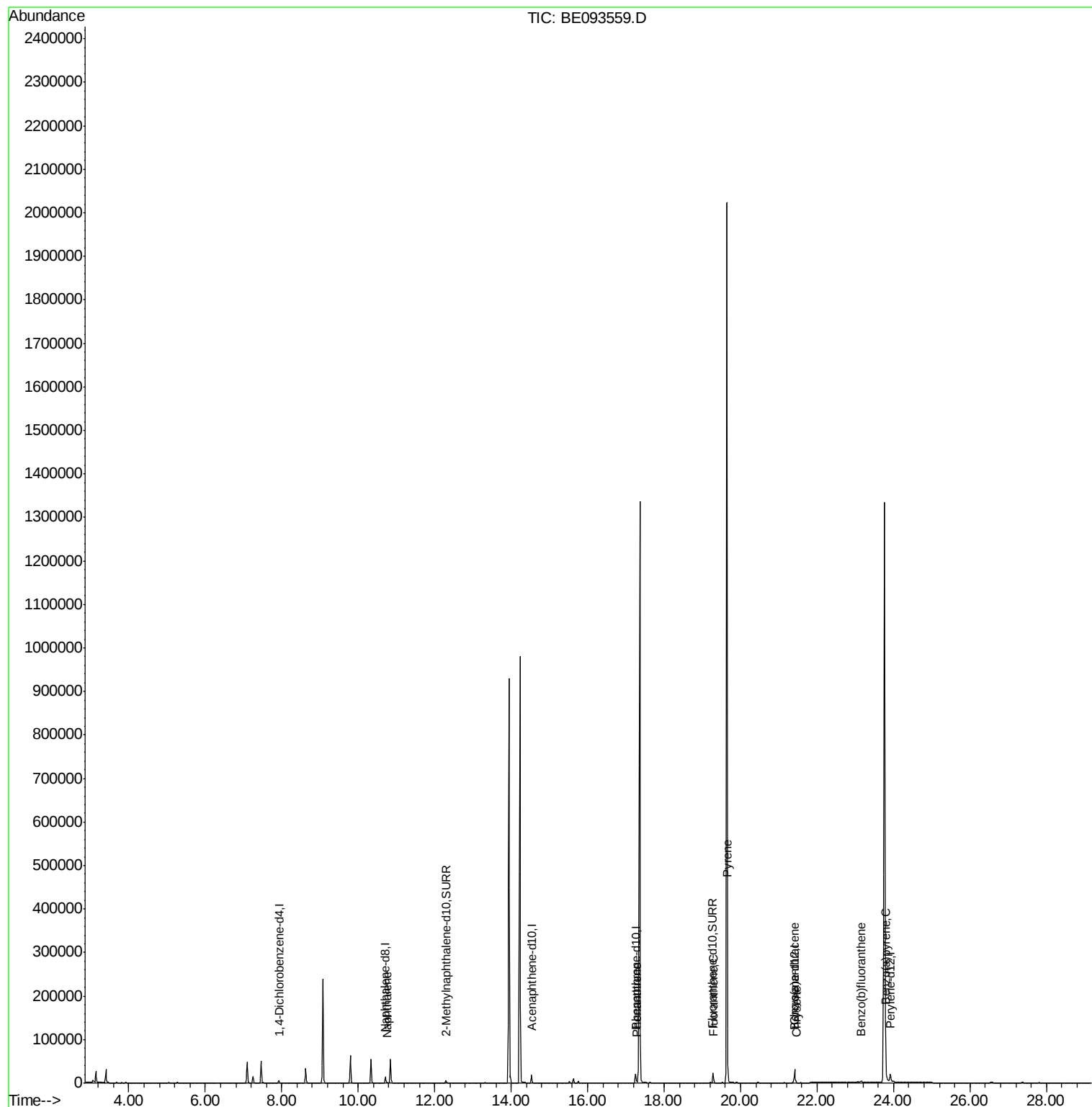
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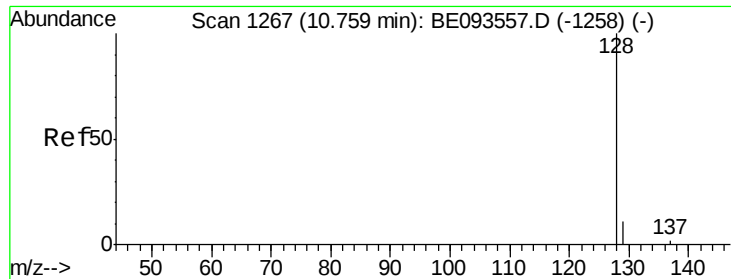
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QLast Update : Tue Jul 25 06:10:24 2017
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#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE093559.D

Acq: 25 Jul 2017 3:54

Instrument :

BNA_E

ClientSampleId :

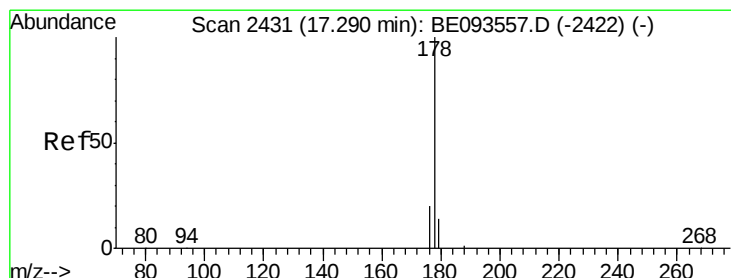
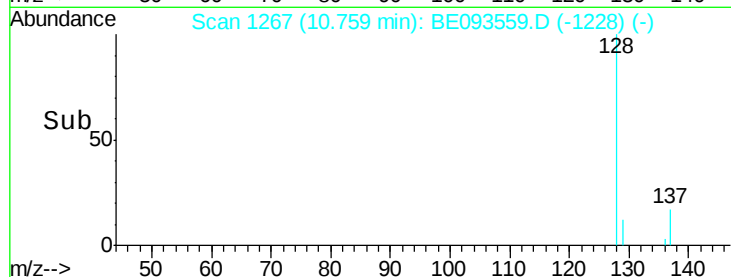
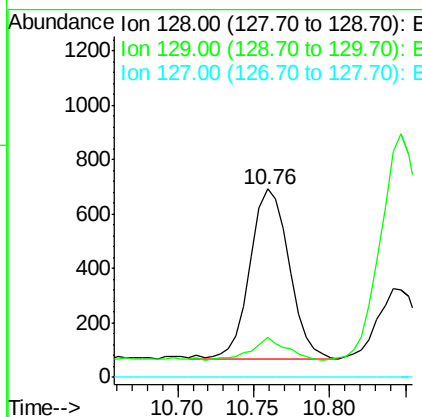
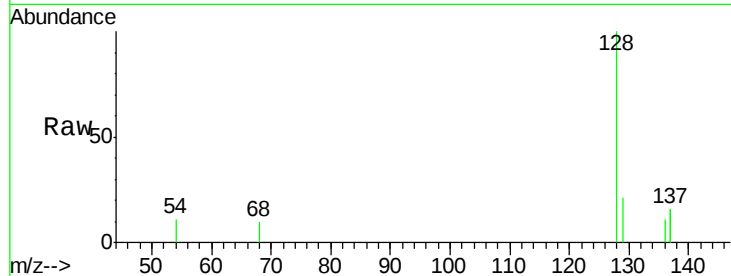
C0B72

Tgt Ion:	128	Resp:	1109
Ion Ratio	Lower	Upper	
128	100		
129	21.2	11.3	16.9#
127	0.0	4.0	6.0#

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#12

Phenanthrene

Concen: 0.054 ng/ul

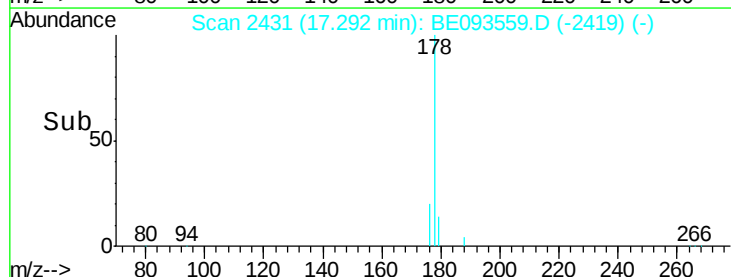
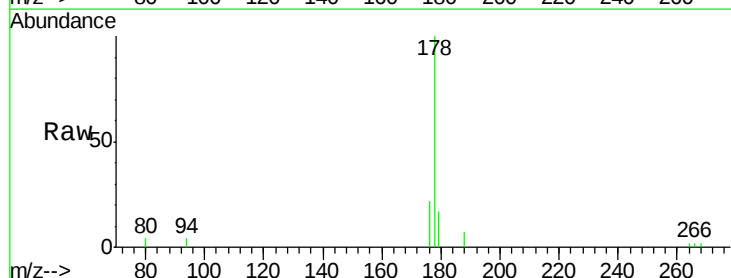
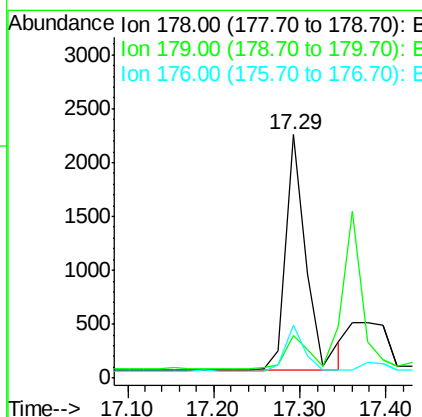
RT: 17.29 min Scan# 2431

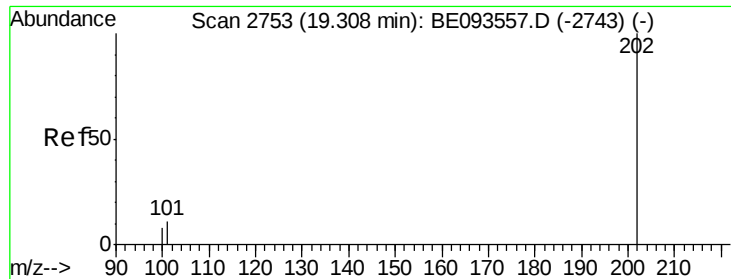
Delta R.T. 0.00 min

Lab File: BE093559.D

Acq: 25 Jul 2017 3:54

Tgt Ion:	178	Resp:	3721
Ion Ratio	Lower	Upper	
178	100		
179	17.3	18.4	27.6#
176	21.9	13.6	20.4#





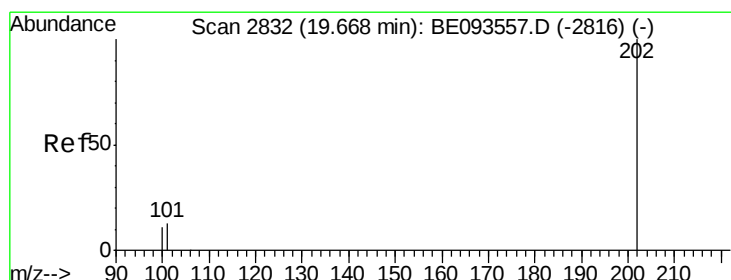
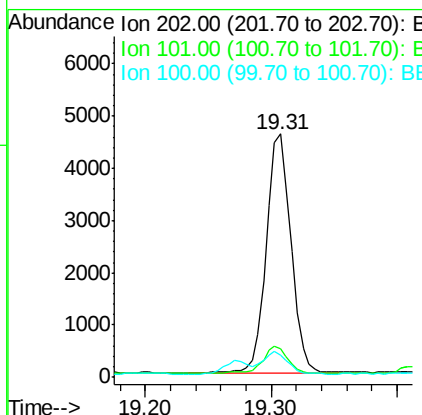
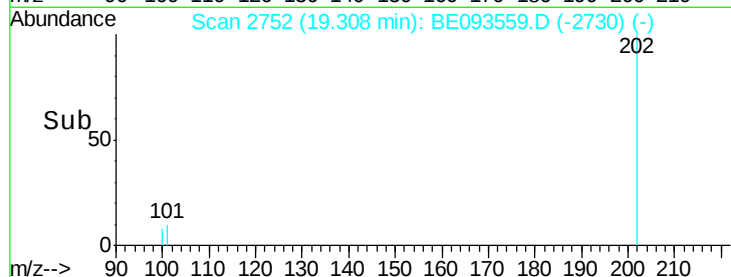
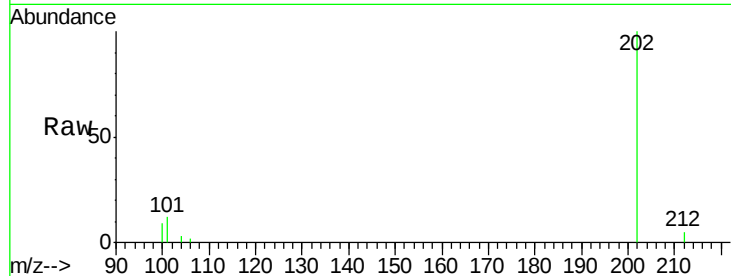
#15
Fluoranthene
 Concen: 0.073 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BE093559.D
 Acq: 25 Jul 2017 3:54

Instrument :
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 ClientSampleId :
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Tgt Ion:	202	Resp:	6302
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	30.3
100	9.3	0.0	39.5

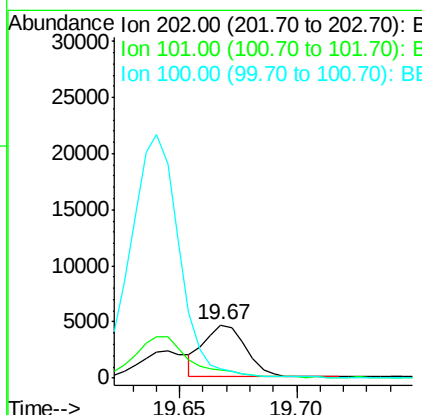
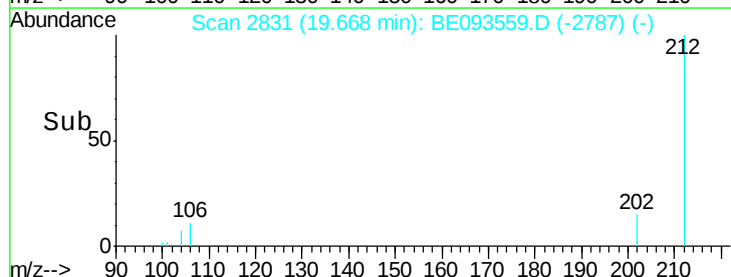
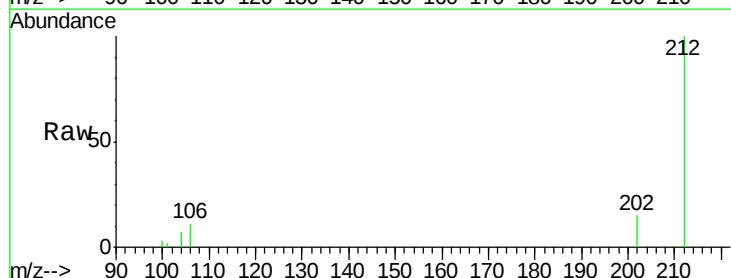
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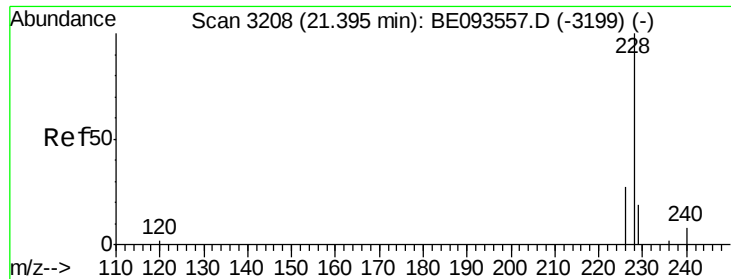
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#17
Pyrene
 Concen: 0.070 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BE093559.D
 Acq: 25 Jul 2017 3:54

Tgt Ion:	202	Resp:	5793
Ion Ratio	Lower	Upper	
202	100		
101	15.3	18.2	27.4#
100	17.1	15.6	23.4





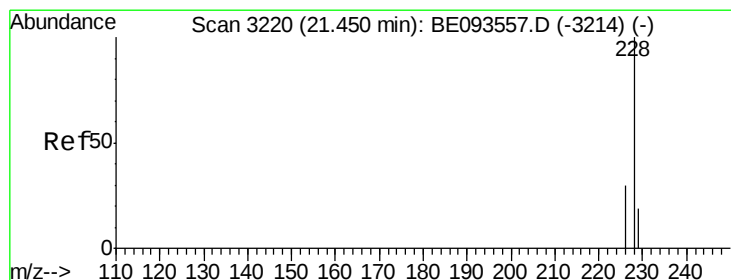
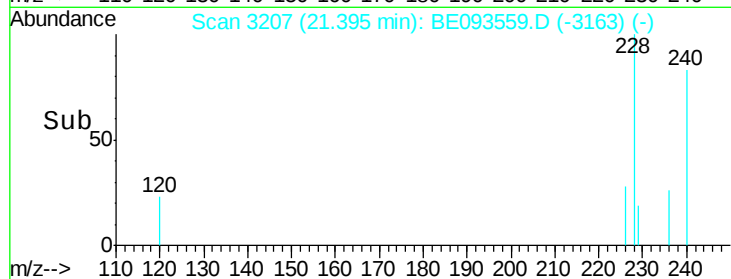
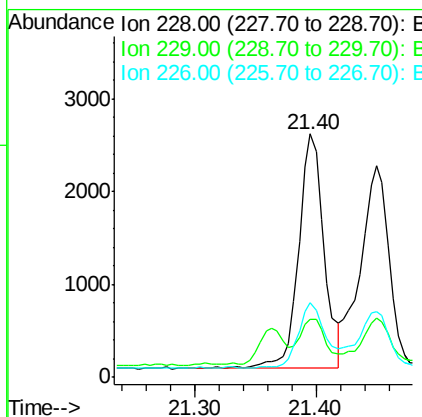
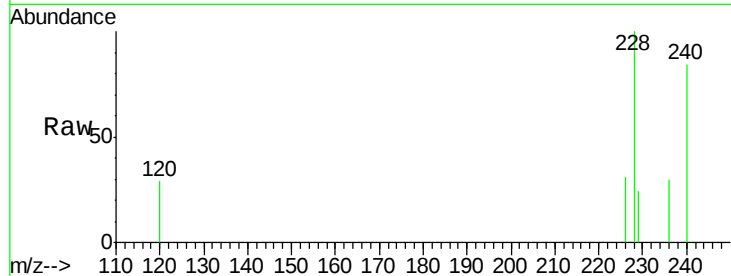
#18
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.40 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BE093559.D
Acq: 25 Jul 2017 3:54

Instrument :
BNA_E
ClientSampleId :
C0B72

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.8	22.8	34.2
226	30.7	17.0	25.6

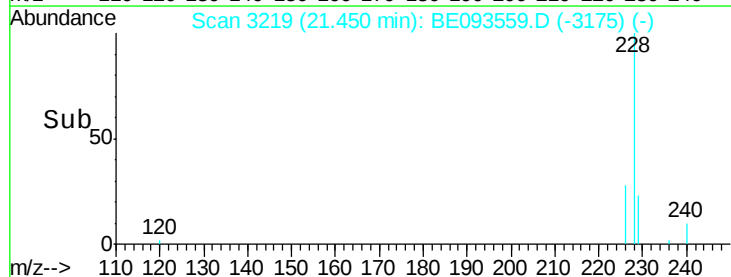
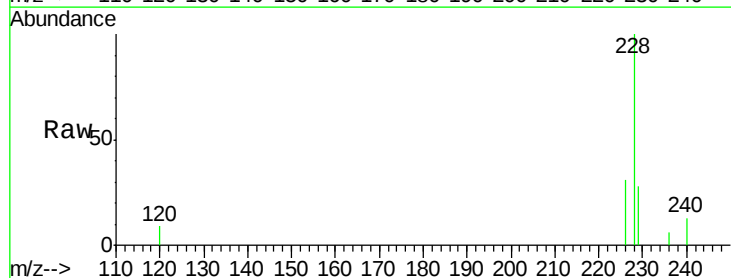
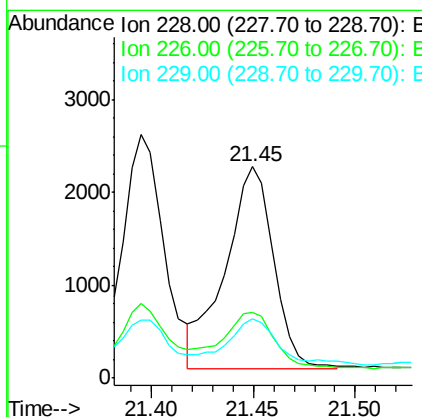
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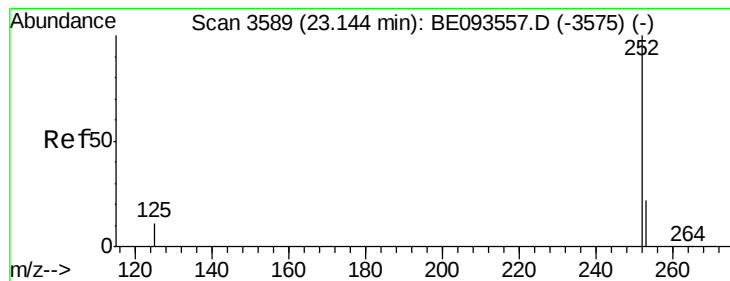
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#19
Chrysene
Concen: 0.046 ng/ul m
RT: 21.45 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BE093559.D
Acq: 25 Jul 2017 3:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	27.8	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.073 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BE093559.D

Acq: 25 Jul 2017 3:54

Instrument :

BNA_E

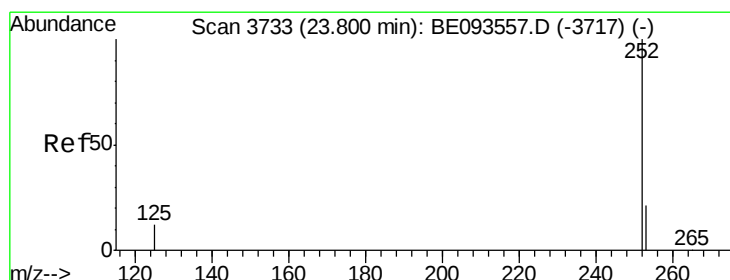
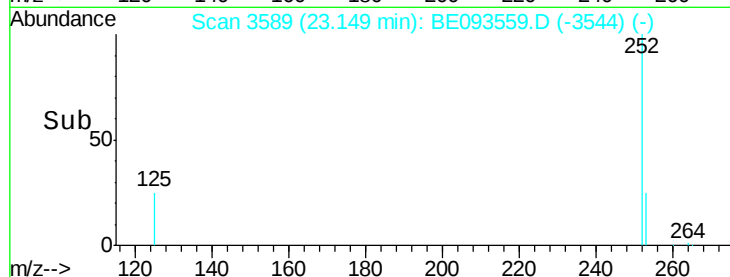
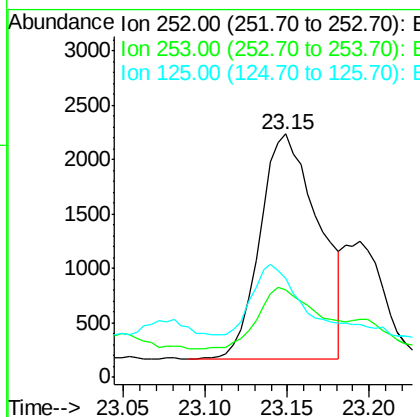
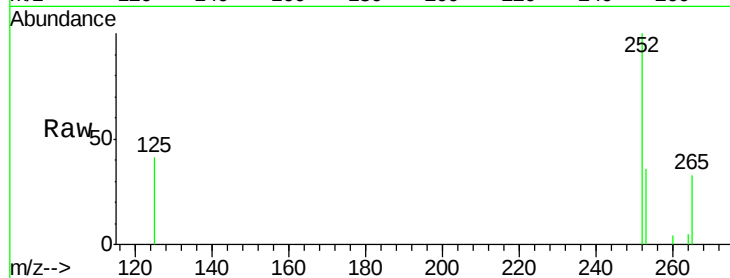
ClientSampled :

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Tgt Ion:	252	Resp:	5165
Ion Ratio	Lower	Upper	
252	100		
253	35.7	0.0	64.2
125	40.9	0.0	35.0#

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#23

Benzo(a)pyrene

Concen: 0.062 ng/ul m

RT: 23.80 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE093559.D

Acq: 25 Jul 2017 3:54

Tgt Ion:	252	Resp:	4170
Ion Ratio	Lower	Upper	
252	100		
253	38.2	28.5	42.7
125	61.4	18.1	27.1#

