

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093552.D
 Acq On : 24 Jul 2017 23:37
 Operator : SJ/JU
 Sample : I4209-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B05

Manual Integrations
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Quant Time: Jul 25 11:08:36 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	3014	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	15788	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	10214	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	26036	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	29963	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	30343	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3066	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	11240	0.14	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.29	178	2448	0.035	ng/ul#	89
15) Fluoranthene	19.31	202	6342	0.072	ng/ul	85
17) Pyrene	19.67	202	8259	0.094	ng/ul#	85
18) Benzo(a)anthracene	21.40	228	4628	0.053	ng/ul#	88
19) Chrysene	21.45	228	5282	0.063	ng/ul	95
21) Benzo(b)fluoranthene	23.15	252	7324m	0.078	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	3609m	0.039	ng/ul	
23) Benzo(a)pyrene	23.81	252	5886	0.066	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.55	276	4077	0.041	ng/ul#	88
26) Benzo(g,h,i)perylene	27.37	276	3596	0.043	ng/ul	91

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

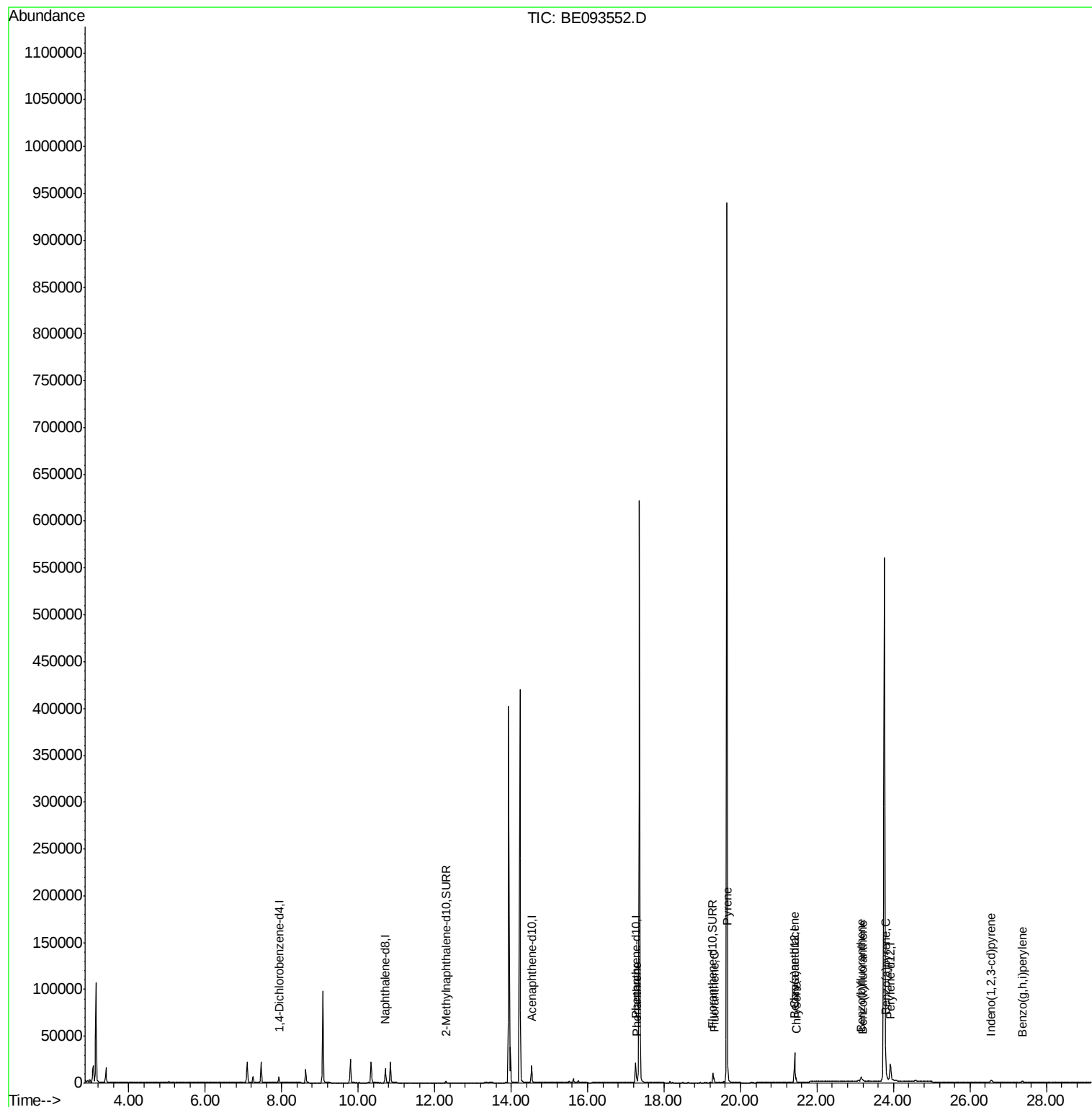
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
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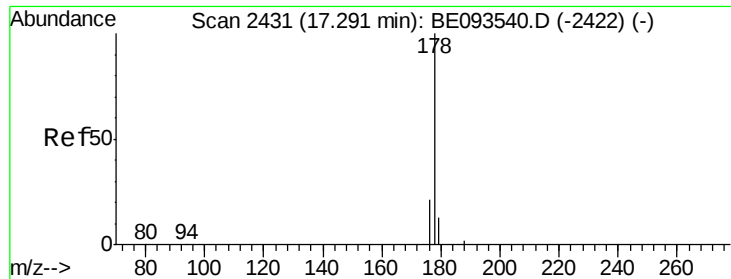
Instrument :
BNA_E
ClientSampleId :
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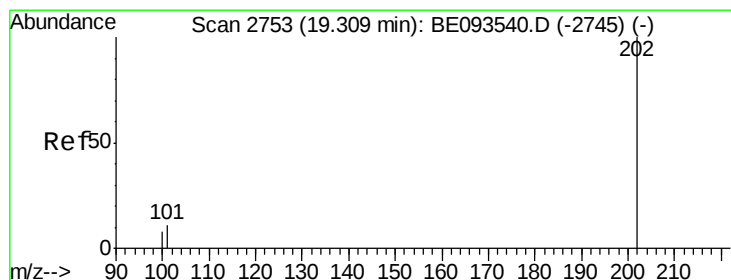
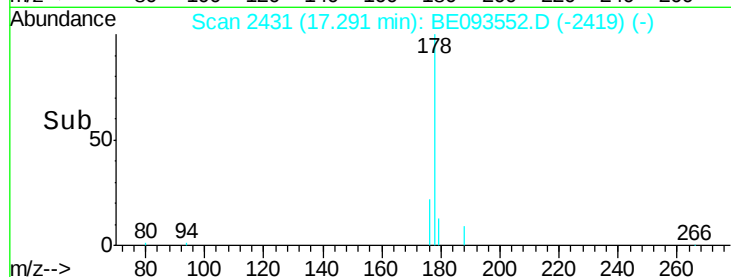
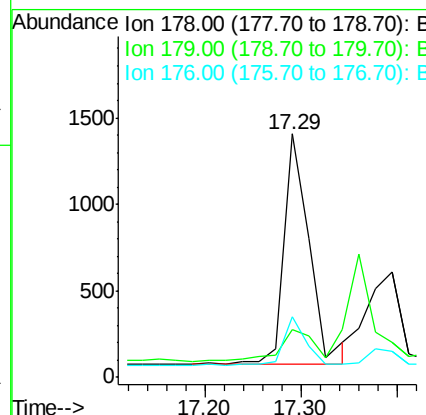
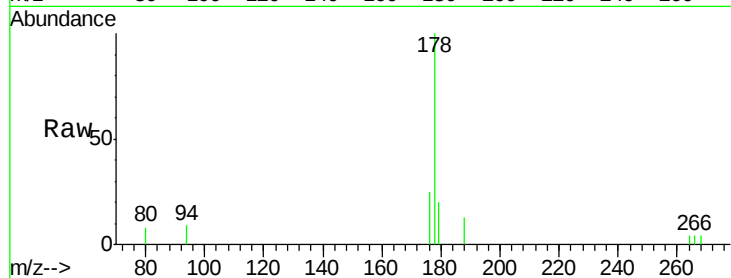
#12
Phenanthrene
Concen: 0.035 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093552.D
Acq: 24 Jul 2017 23:37

Instrument :
BNA_E
ClientSampleId :
C0B05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.9	18.4	27.6
176	24.9	13.6	20.4

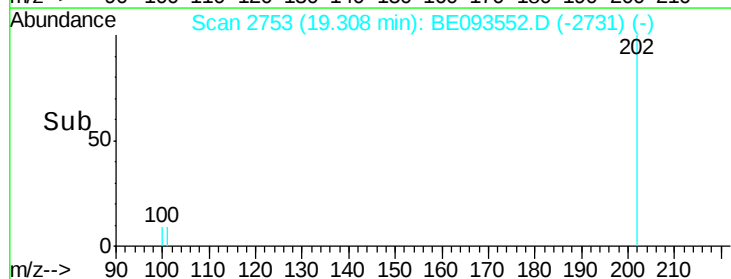
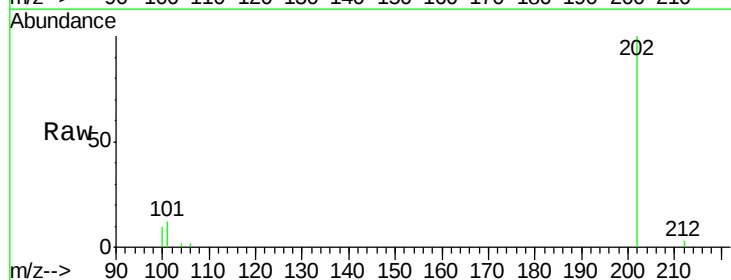
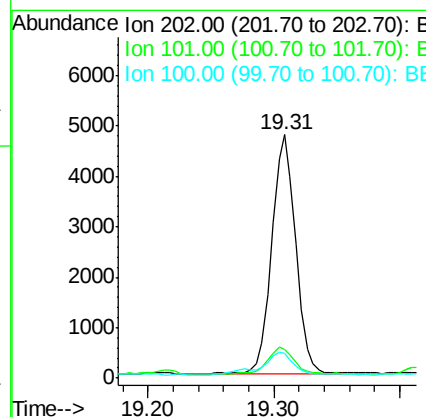
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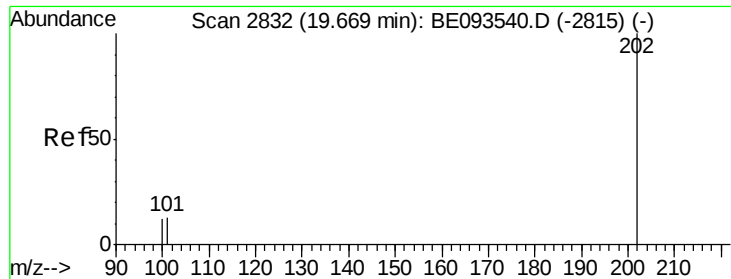
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#15
Fluoranthene
Concen: 0.072 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. 0.00 min
Lab File: BE093552.D
Acq: 24 Jul 2017 23:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.3
100	10.3	0.0	39.5





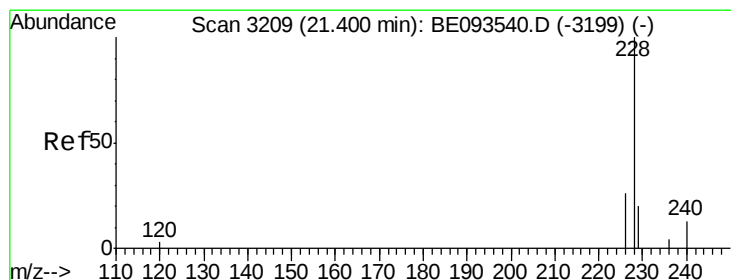
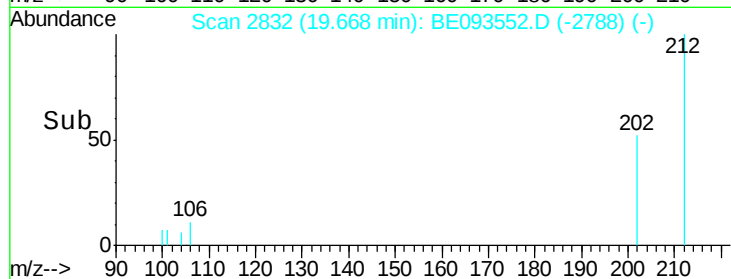
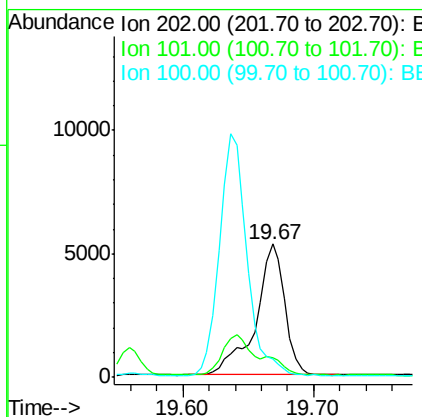
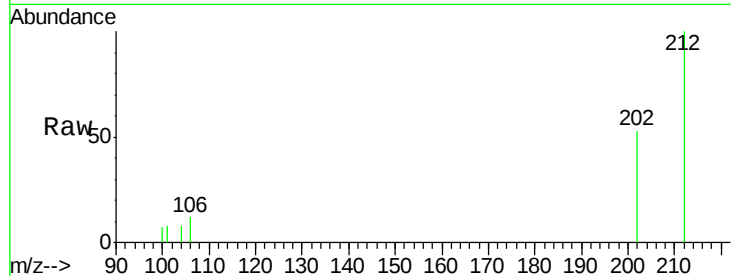
#17
 Pyrene
 Concen: 0.094 ng/u1
 RT: 19.67 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BE093552.D
 Acq: 24 Jul 2017 23:37

Instrument :
 BNA_E
 ClientSampled :
 C0B05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	8259		
101	14.4	18.2	27.4#	
100	13.8	15.6	23.4#	

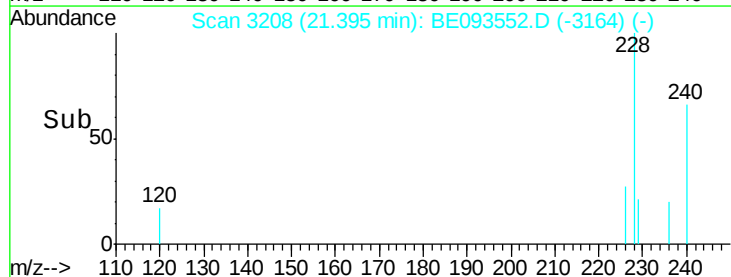
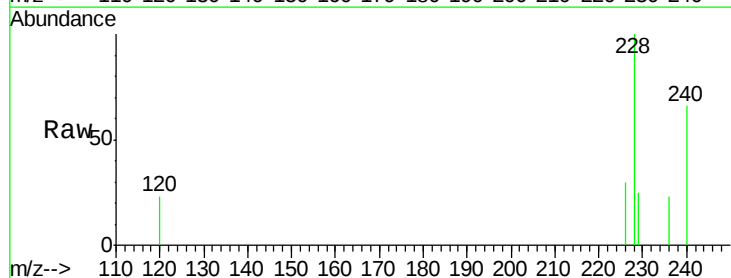
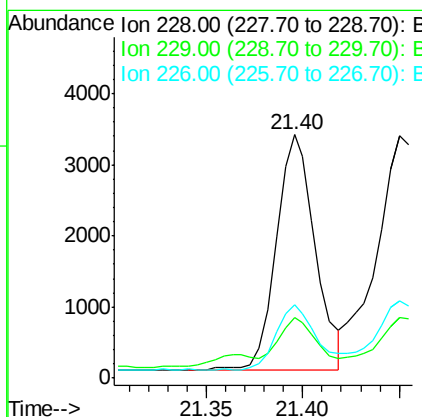
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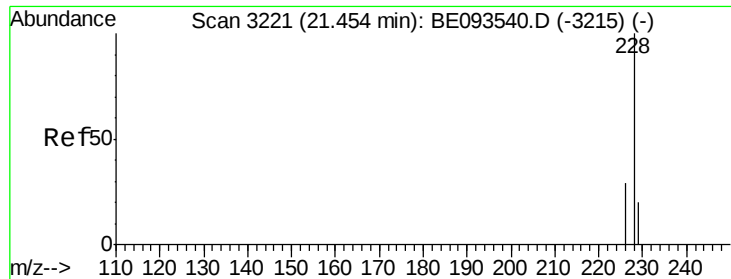
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#18
 Benzo(a)anthracene
 Concen: 0.053 ng/u1
 RT: 21.40 min Scan# 3208
 Delta R.T. 0.00 min
 Lab File: BE093552.D
 Acq: 24 Jul 2017 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	4628		
229	25.1	22.8	34.2	
226	30.0	17.0	25.6#	





#19

Chrysene

Concen: 0.063 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_E

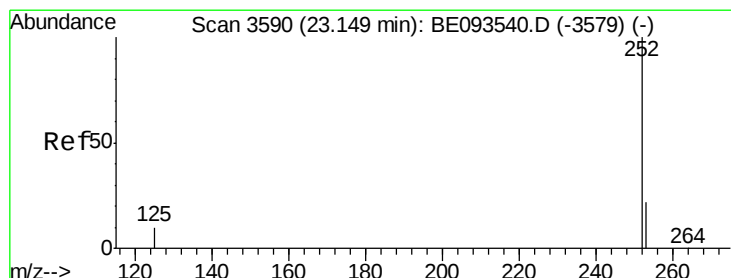
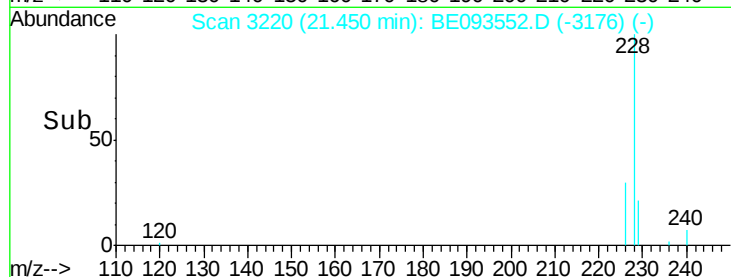
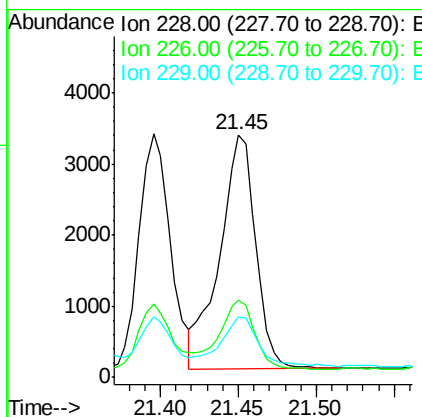
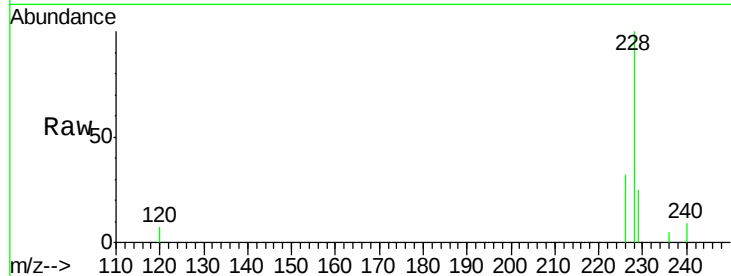
ClientSampleId :

C0B05

Tgt Ion:	228	Resp:	5282
Ion Ratio	Lower	Upper	
228	100		
226	32.0	23.4	35.0
229	24.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.078 ng/ul m

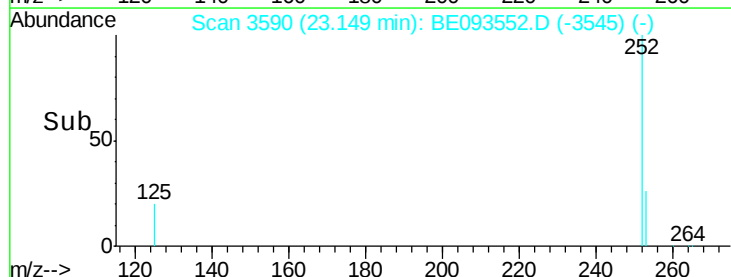
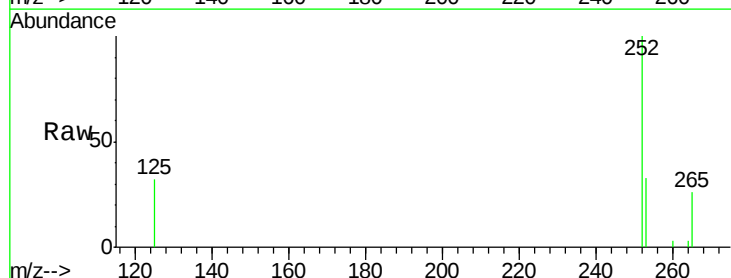
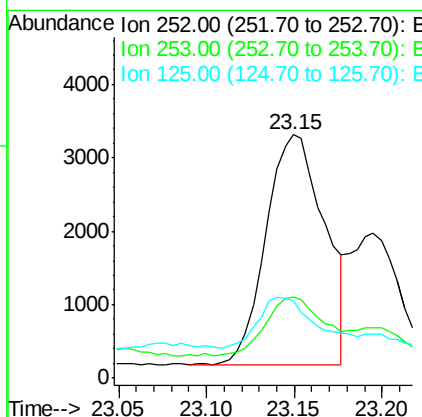
RT: 23.15 min Scan# 3590

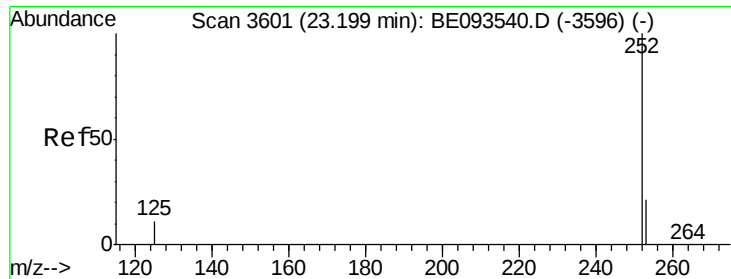
Delta R.T. 0.01 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

Tgt Ion:	252	Resp:	7324
Ion Ratio	Lower	Upper	
252	100		
253	33.3	0.0	64.2
125	31.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.039 ng/ul m

RT: 23.19 min Scan# 3600

Delta R.T. 0.00 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_E

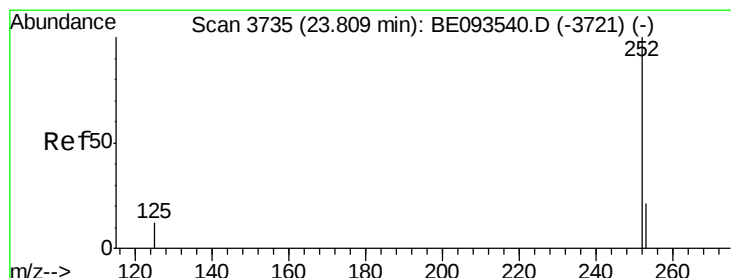
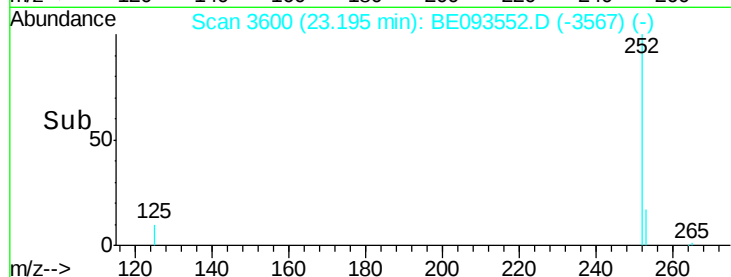
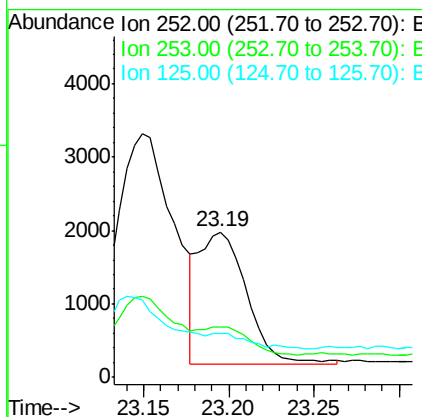
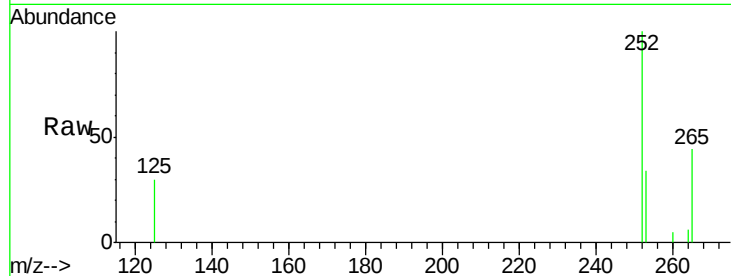
ClientSampleId :

C0B05

Tgt Ion:	252	Resp:	3609
Ion Ratio	Lower	Upper	
252	100		
253	34.5	24.5	36.7
125	30.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.066 ng/ul

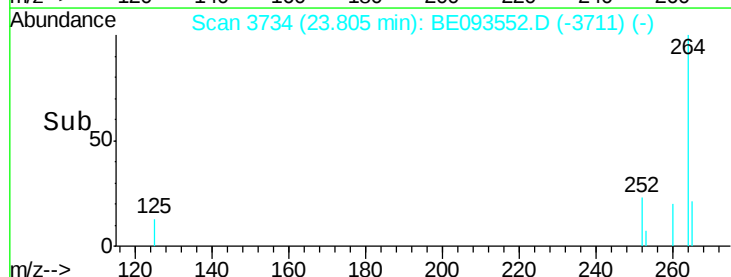
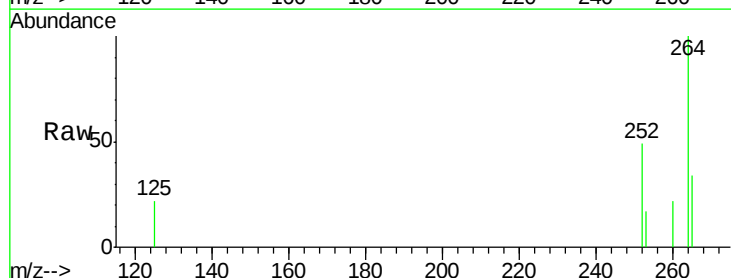
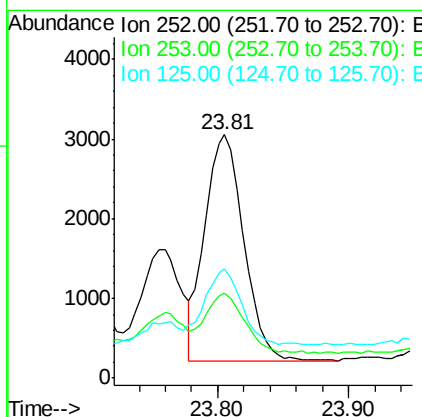
RT: 23.81 min Scan# 3734

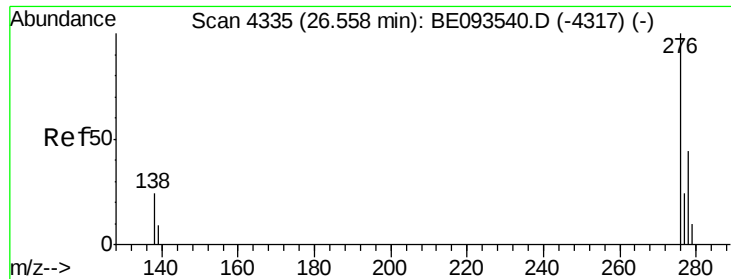
Delta R.T. 0.01 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

Tgt Ion:	252	Resp:	5886
Ion Ratio	Lower	Upper	
252	100		
253	35.1	28.5	42.7
125	44.7	18.1	27.1#





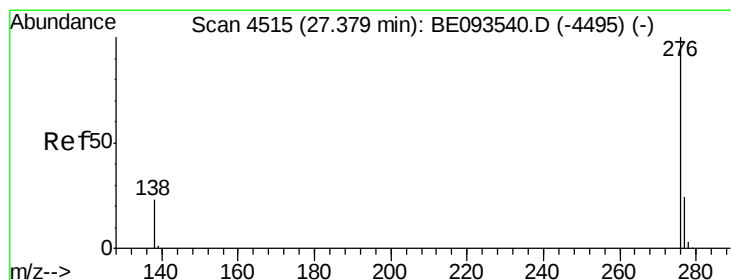
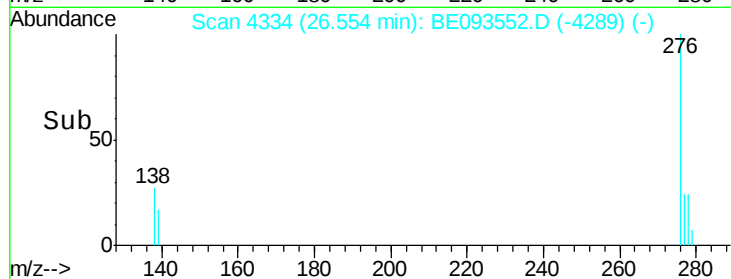
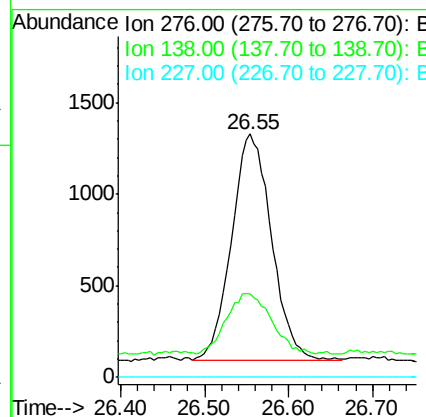
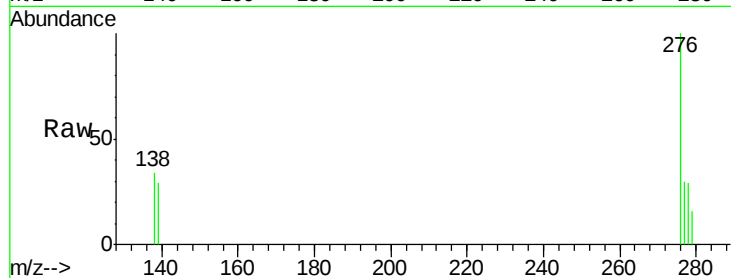
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.041 ng/ul
 RT: 26.55 min Scan# 4334
 Delta R.T. 0.00 min
 Lab File: BE093552.D
 Acq: 24 Jul 2017 23:37

Instrument :
 BNA_E
 ClientSampleId :
 C0B05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.2	28.0	42.0
227	0.0	8.0	12.0

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#26
 Benzo(g,h,i)perylene
 Concen: 0.043 ng/ul
 RT: 27.37 min Scan# 4513
 Delta R.T. -0.00 min
 Lab File: BE093552.D
 Acq: 24 Jul 2017 23:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	21.8	32.8
277	30.2	20.5	30.7

