

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093544.D
 Acq On : 24 Jul 2017 18:42
 Operator : SJ/JU
 Sample : I4214-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B75

Manual Integrations
 APPROVED

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Quant Time: Jul 24 19:32:02 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 18:07:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3371	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	17742	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	11897	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	30347m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	33202	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	27107m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8432	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	29353	0.31	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.29	178	21403	0.259	ng/ul#	86
15) Fluoranthene	19.31	202	42766	0.414	ng/ul	84
17) Pyrene	19.67	202	38984	0.402	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	8173	0.085	ng/ul#	89
19) Chrysene	21.45	228	16387	0.177	ng/ul	100
21) Benzo(b)fluoranthene	23.15	252	19067	0.227	ng/ul	93
22) Benzo(k)fluoranthene	23.20	252	7803m	0.094	ng/ul	
23) Benzo(a)pyrene	23.81	252	11687m	0.147	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.56	276	8408m	0.095	ng/ul	
26) Benzo(g,h,i)perylene	27.38	276	7871m	0.106	ng/ul	

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

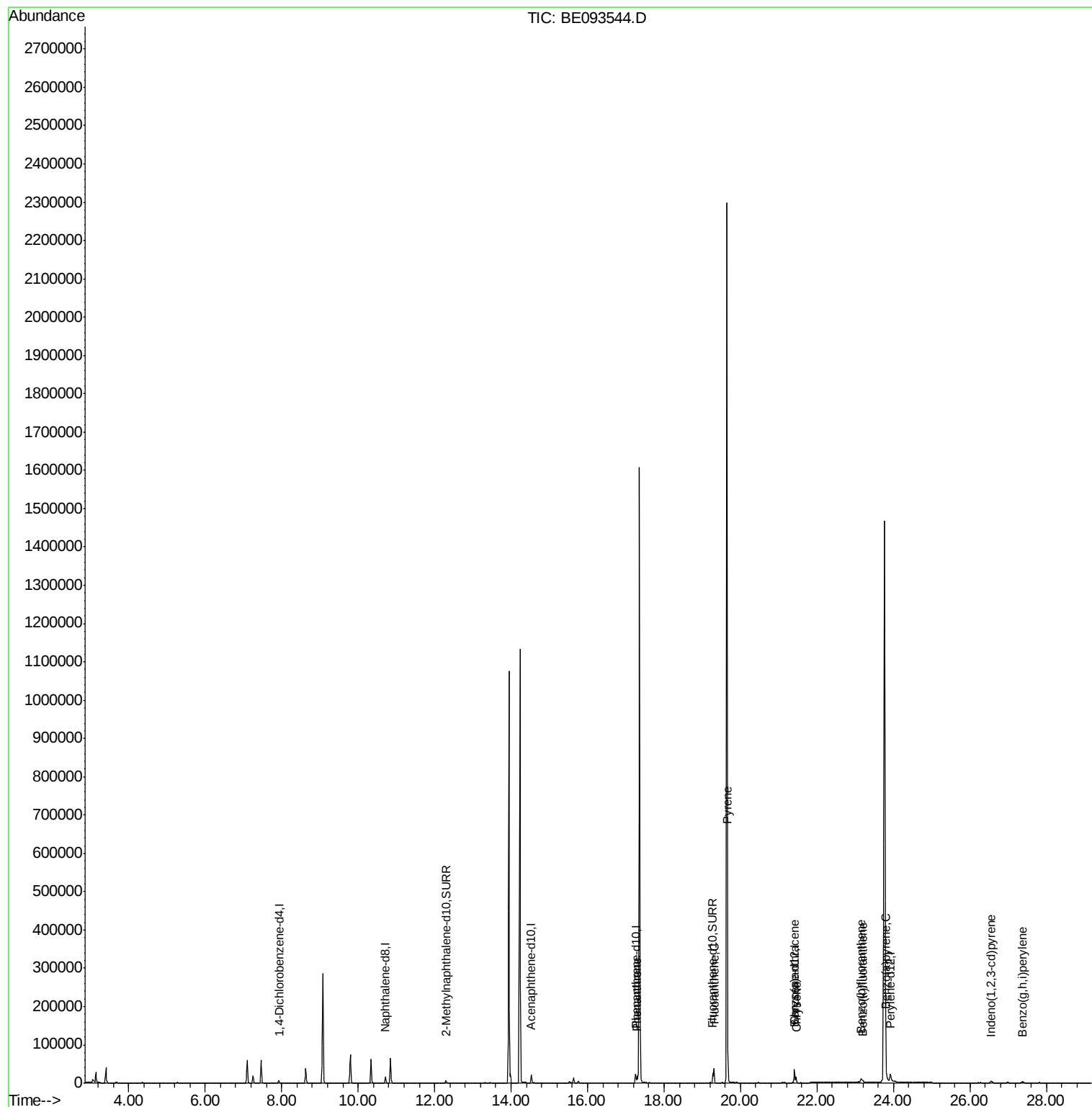
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
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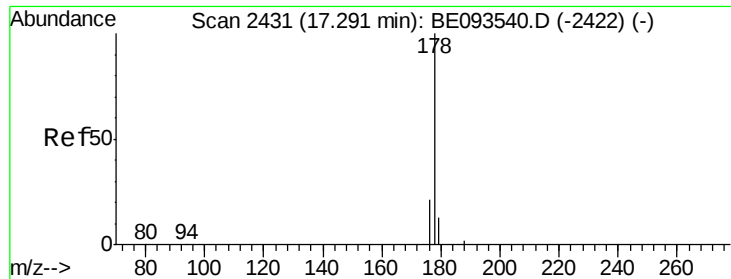
Instrument :
BNA_E
ClientSampleId :
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#12

Phenanthrene

Concen: 0.259 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE093544.D

Acq: 24 Jul 2017 18:42

Instrument :

BNA_E

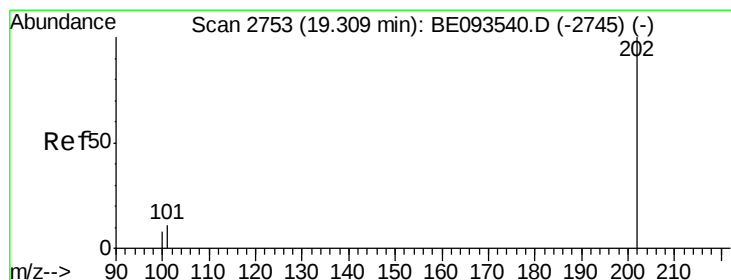
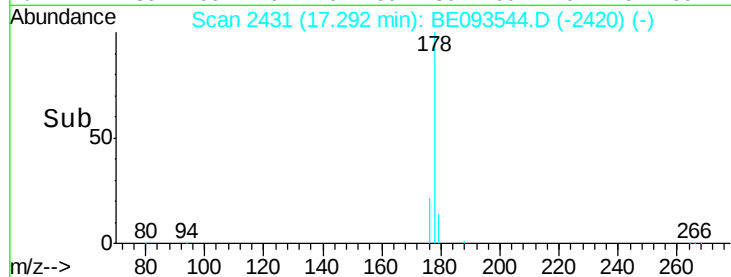
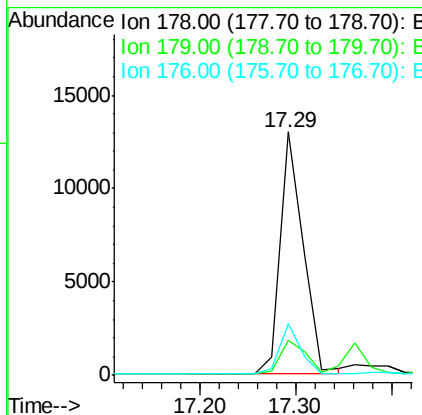
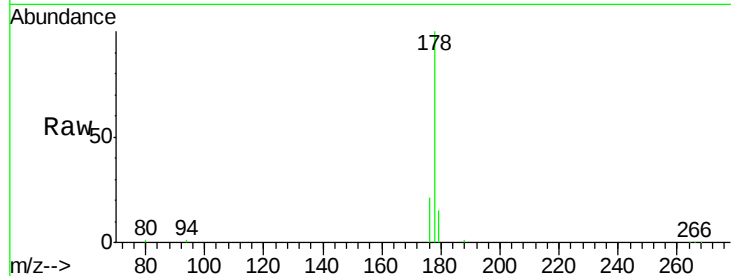
ClientSampleId :

C0B75

Tgt Ion:	178	Resp:	21403
Ion Ratio	Lower	Upper	
178	100		
179	14.6	18.4	27.6#
176	20.9	13.6	20.4#

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#15

Fluoranthene

Concen: 0.414 ng/ul

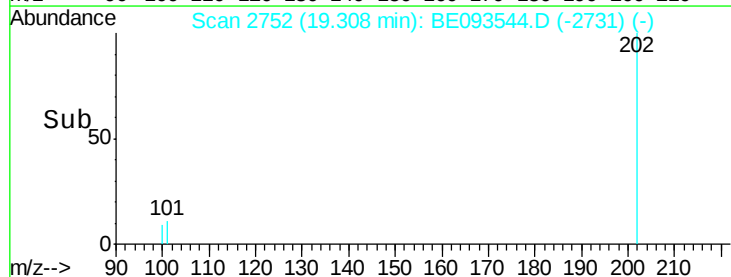
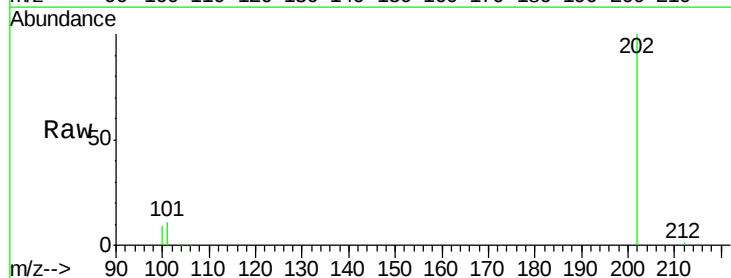
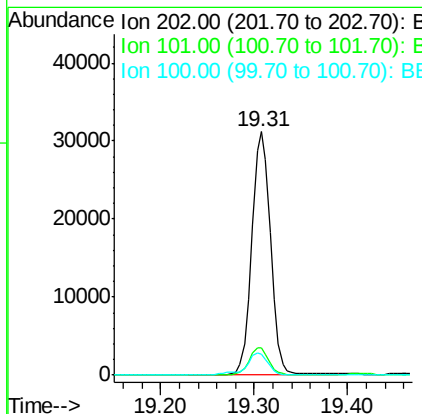
RT: 19.31 min Scan# 2752

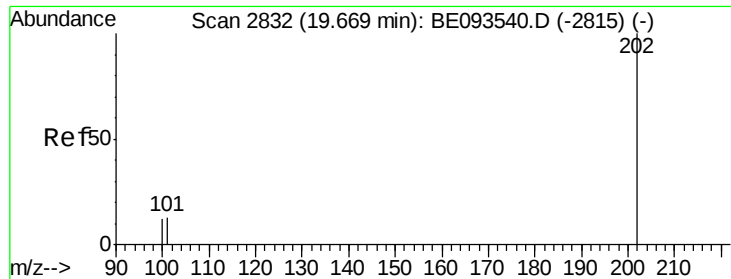
Delta R.T. -0.01 min

Lab File: BE093544.D

Acq: 24 Jul 2017 18:42

Tgt Ion:	202	Resp:	42766
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.3
100	8.8	0.0	39.5





#17

Pyrene

Concen: 0.402 ng/ul

RT: 19.67 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BE093544.D

Acq: 24 Jul 2017 18:42

Instrument :

BNA_E

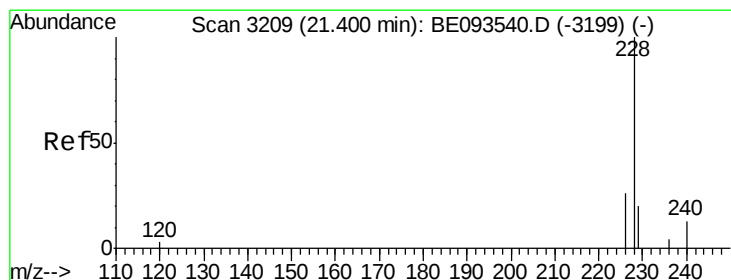
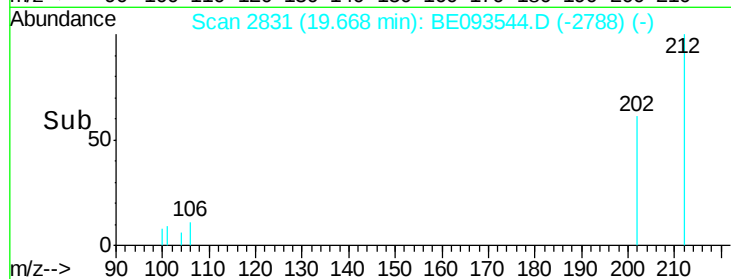
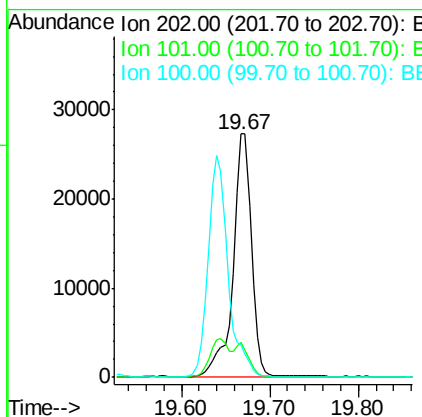
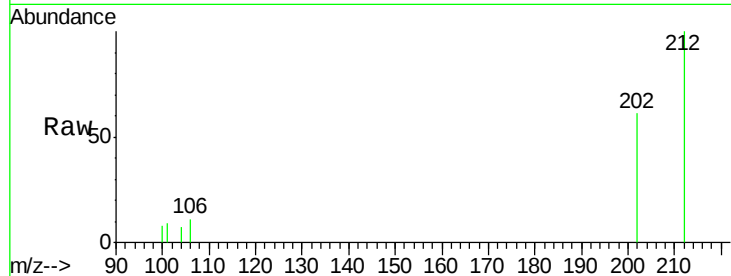
ClientSampleId :

C0B75

Tgt Ion:	202	Resp:	38984
Ion Ratio	Lower	Upper	
202	100		
101	14.3	18.2	27.4#
100	13.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.085 ng/ul

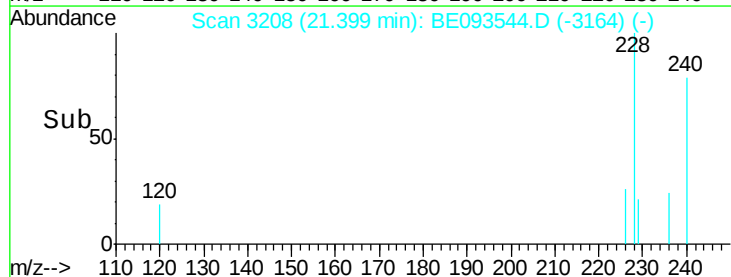
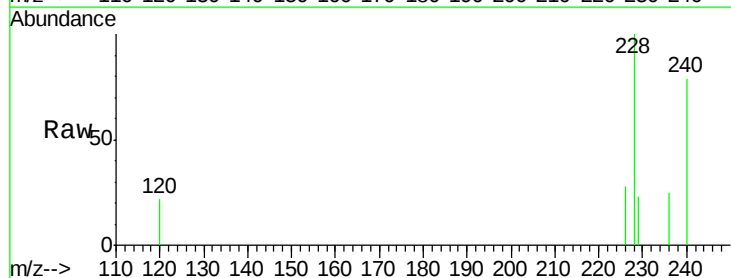
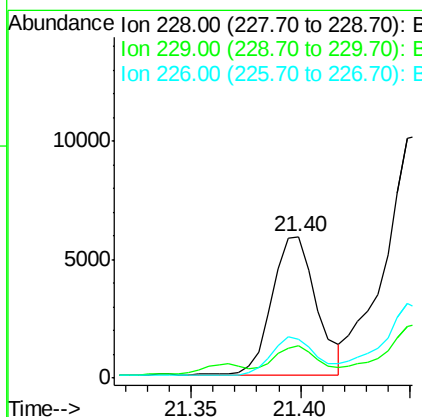
RT: 21.40 min Scan# 3208

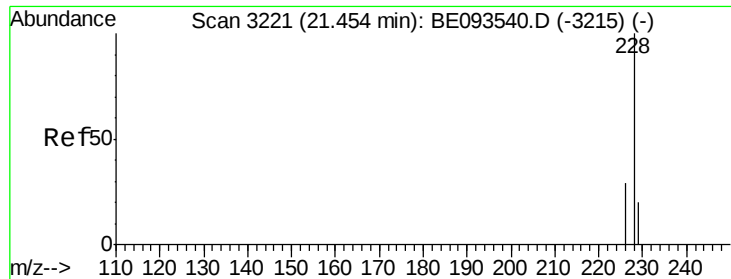
Delta R.T. -0.00 min

Lab File: BE093544.D

Acq: 24 Jul 2017 18:42

Tgt Ion:	228	Resp:	8173
Ion Ratio	Lower	Upper	
228	100		
229	23.2	22.8	34.2
226	27.6	17.0	25.6#





#19

Chrysene

Concen: 0.177 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE093544.D

Acq: 24 Jul 2017 18:42

Instrument :

BNA_E

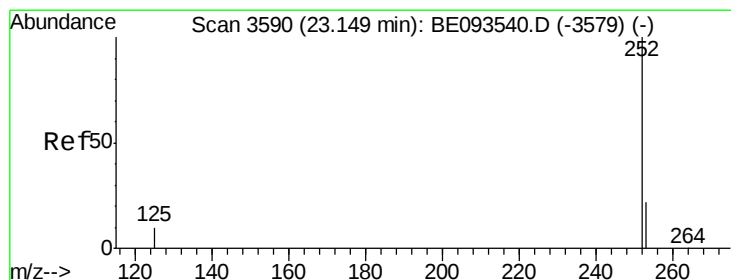
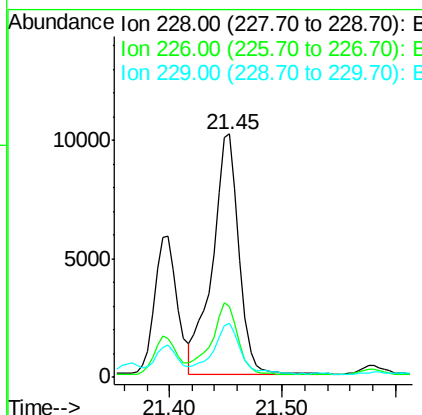
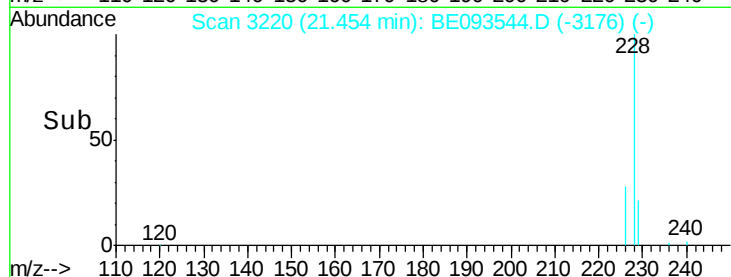
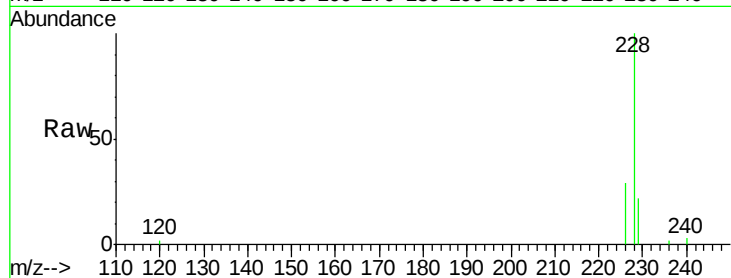
ClientSampled :

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Tgt Ion:	228	Resp:	16387
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.4	35.0
229	22.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.227 ng/ul

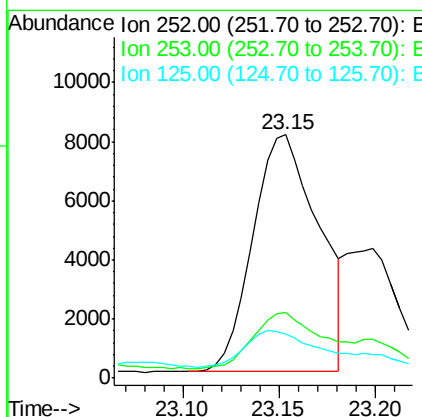
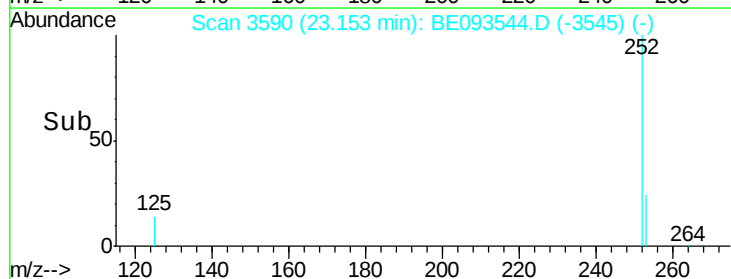
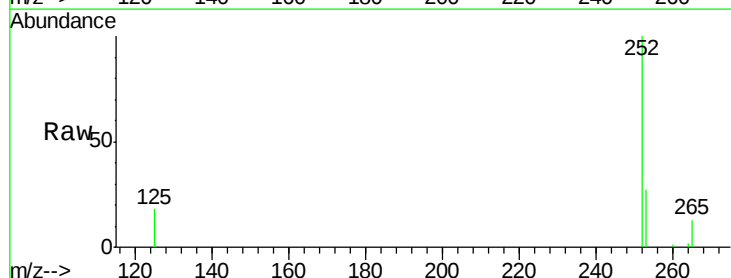
RT: 23.15 min Scan# 3590

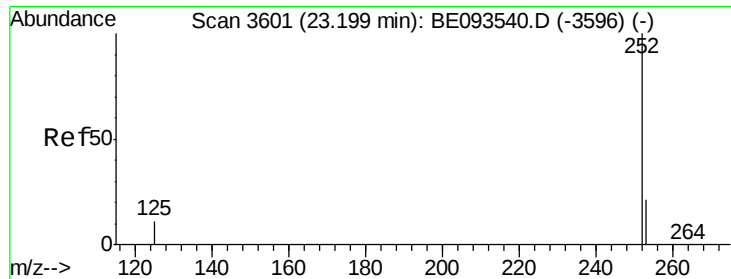
Delta R.T. 0.00 min

Lab File: BE093544.D

Acq: 24 Jul 2017 18:42

Tgt Ion:	252	Resp:	19067
Ion Ratio	Lower	Upper	
252	100		
253	26.8	0.0	64.2
125	18.2	0.0	35.0





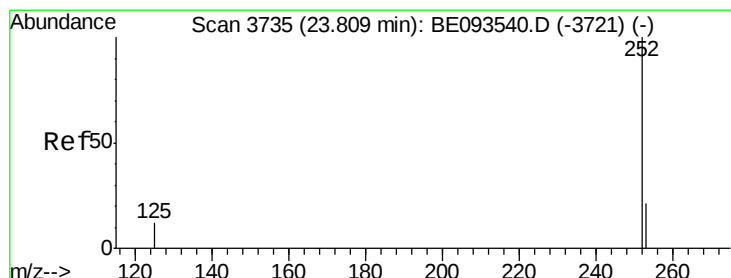
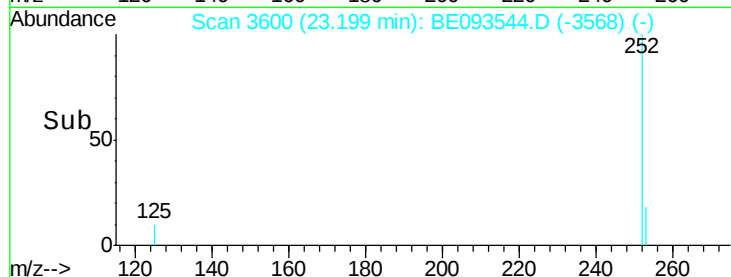
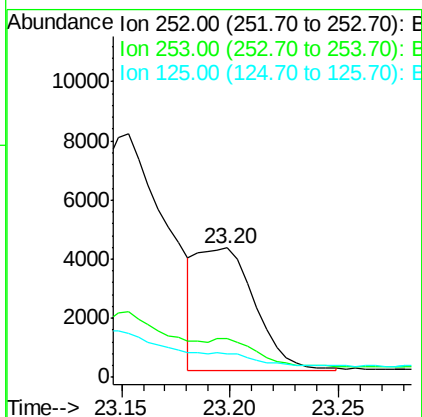
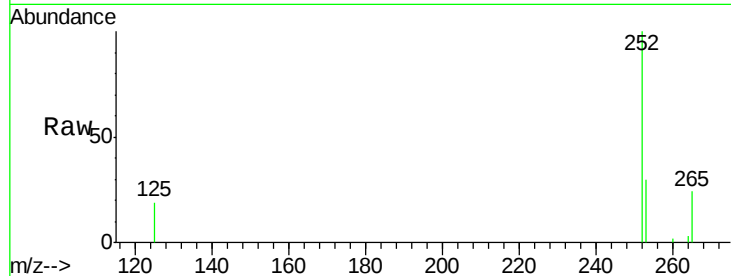
#22
Benzo(k)fluoranthene
Concen: 0.094 ng/ul m
RT: 23.20 min Scan# 3600
Delta R.T. -0.01 min
Lab File: BE093544.D
Acq: 24 Jul 2017 18:42

Instrument :
BNA_E
ClientSampled :
C0B75

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	24.5	36.7
125	18.5	13.7	20.5

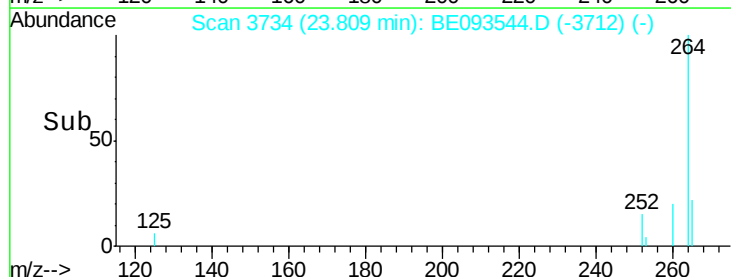
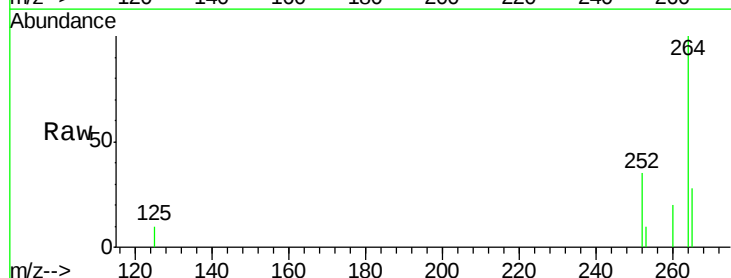
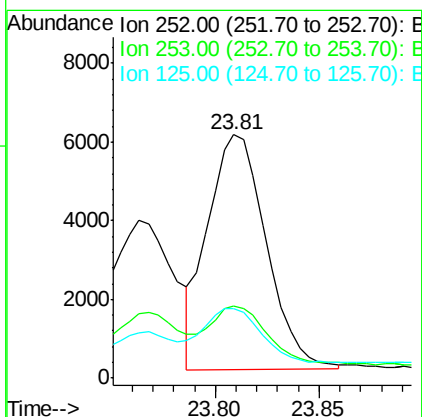
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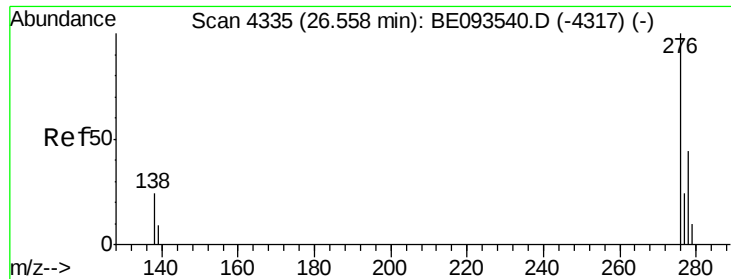
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#23
Benzo(a)pyrene
Concen: 0.147 ng/ul m
RT: 23.81 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BE093544.D
Acq: 24 Jul 2017 18:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	28.5	42.7
125	28.8	18.1	27.1





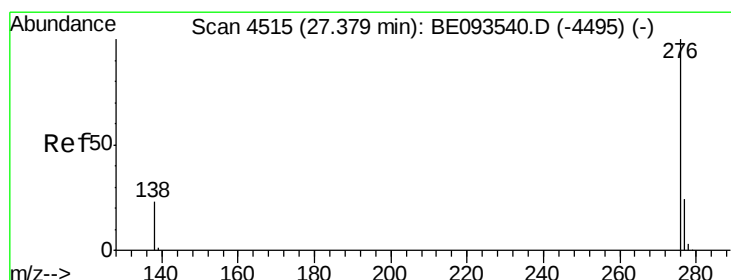
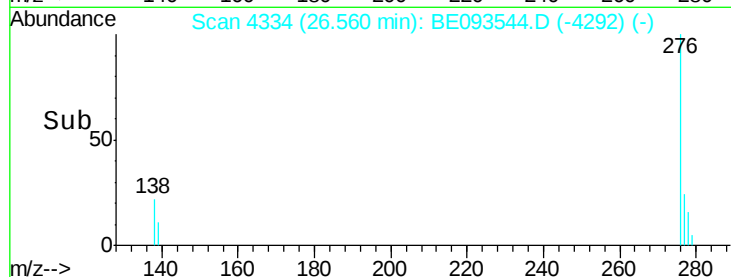
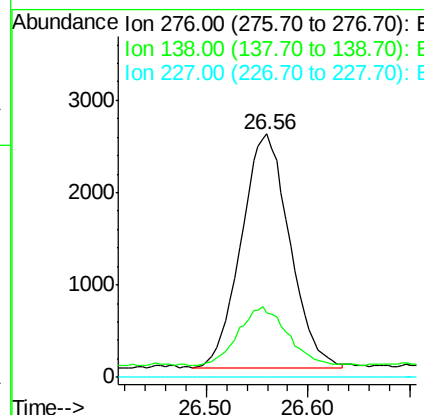
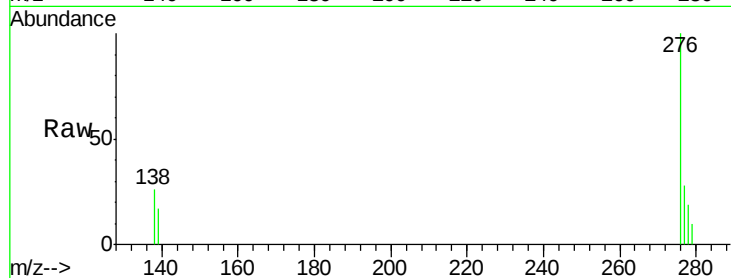
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.095 ng/ul m
 RT: 26.56 min Scan# 4334
 Delta R.T. -0.01 min
 Lab File: BE093544.D
 Acq: 24 Jul 2017 18:42

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	2.3	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.106 ng/ul m
 RT: 27.38 min Scan# 4513
 Delta R.T. -0.00 min
 Lab File: BE093544.D
 Acq: 24 Jul 2017 18:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.9	21.8	32.8
277	26.1	20.5	30.7

