

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
 Data File : BE093590.D
 Acq On : 25 Jul 2017 22:57
 Operator : SJ/JU
 Sample : I4209-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B15

Manual Integrations
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Quant Time: Jul 26 10:39:16 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	2750	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	14426	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	9663	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	22338m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23887	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	20604m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	7841	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	23229	0.33	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.76	128	1786	0.051	ng/ul#	90
7) Acenaphthylene	14.25	152	1027	0.025	ng/ul#	89
12) Phenanthrene	17.29	178	1373	0.023	ng/ul#	91
15) Fluoranthene	19.30	202	6805	0.089	ng/ul	85
17) Pyrene	19.67	202	6809m	0.098	ng/ul	
18) Benzo(a)anthracene	21.40	228	4435	0.064	ng/ul#	87
19) Chrysene	21.45	228	3203	0.048	ng/ul	94
21) Benzo(b)fluoranthene	23.14	252	6100	0.096	ng/ul	91
22) Benzo(k)fluoranthene	23.19	252	2391m	0.038	ng/ul	
23) Benzo(a)pyrene	23.80	252	5068m	0.084	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	2853m	0.043	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	2554m	0.045	ng/ul	

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

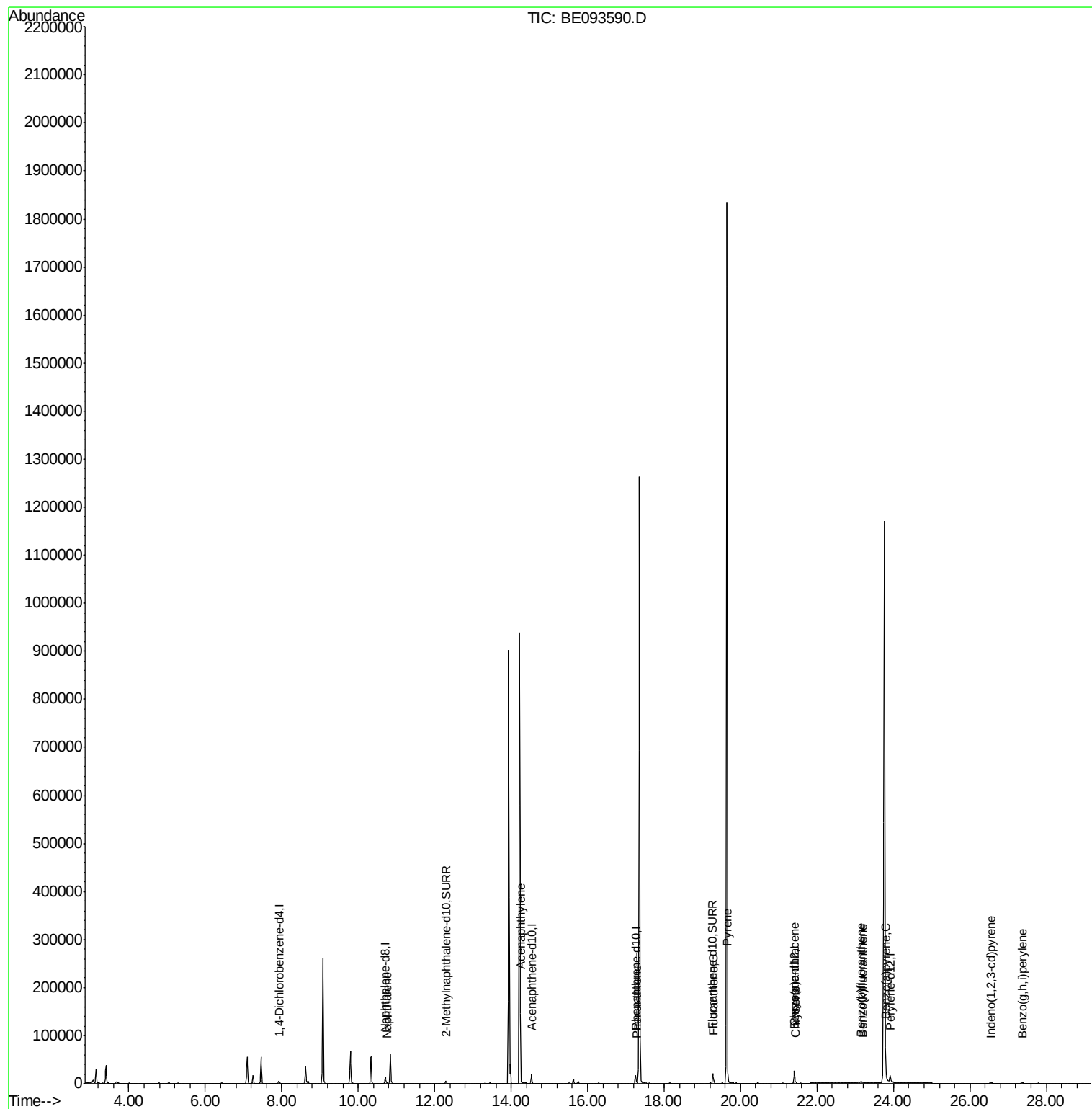
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072517\
Data File : BE093590.D
Acq On : 25 Jul 2017 22:57
Operator : SJ/JU
Sample : I4209-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

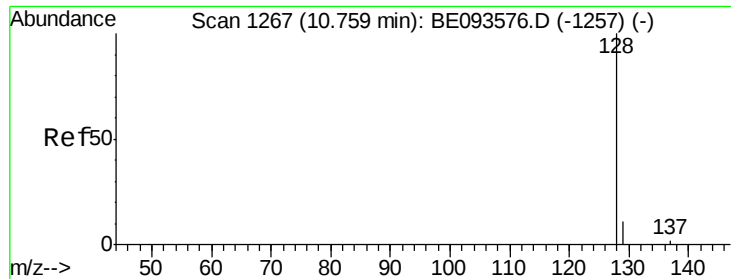
Instrument :
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ClientSampleId :
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QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE093590.D

Acq: 25 Jul 2017 22:57

Instrument :

BNA_E

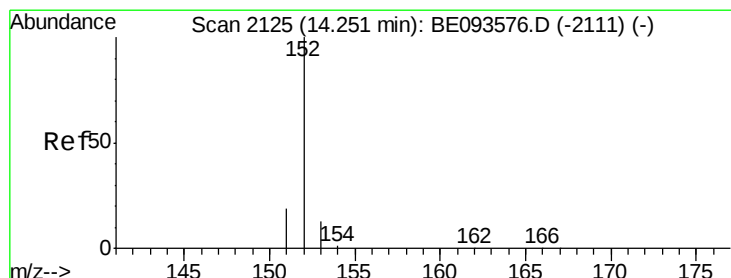
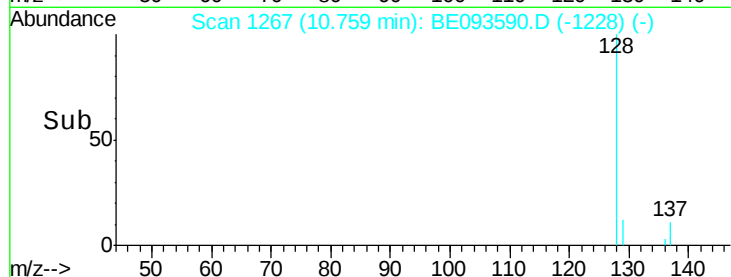
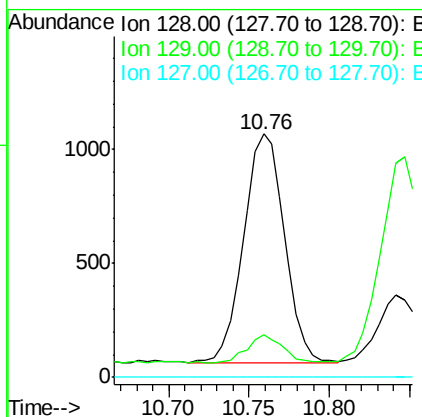
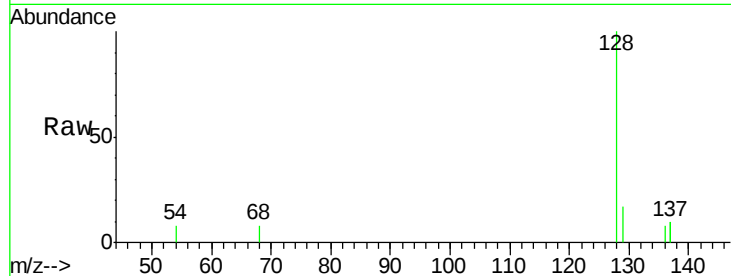
ClientSampleId :

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Tgt Ion:	128	Resp:	1786
Ion Ratio	Lower	Upper	
128	100		
129	17.4	11.3	16.9#
127	0.0	4.0	6.0#

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#7

Acenaphthylene

Concen: 0.025 ng/ul

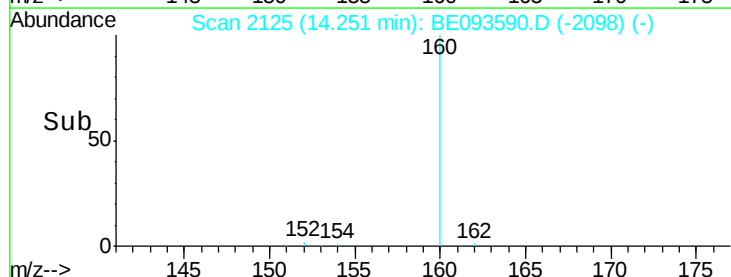
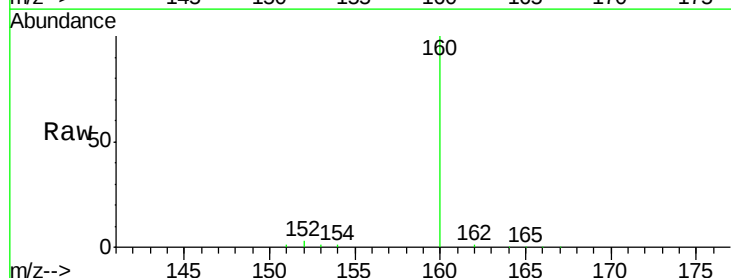
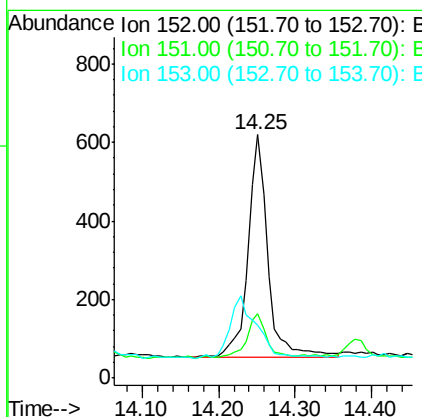
RT: 14.25 min Scan# 2125

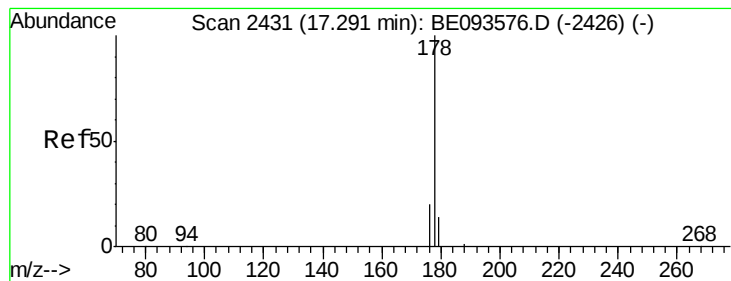
Delta R.T. 0.00 min

Lab File: BE093590.D

Acq: 25 Jul 2017 22:57

Tgt Ion:	152	Resp:	1027
Ion Ratio	Lower	Upper	
152	100		
151	26.3	17.1	25.7#
153	21.5	12.8	19.2#





#12

Phenanthrene

Concen: 0.023 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093590.D

Acq: 25 Jul 2017 22:57

Instrument :

BNA_E

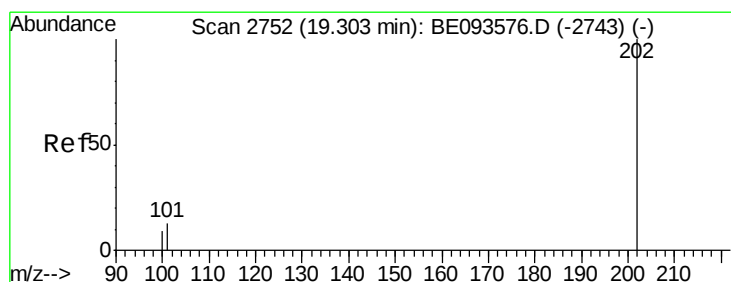
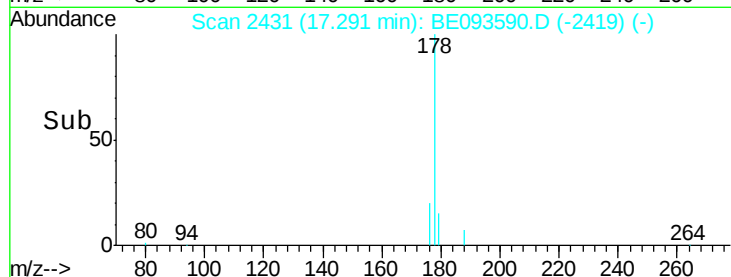
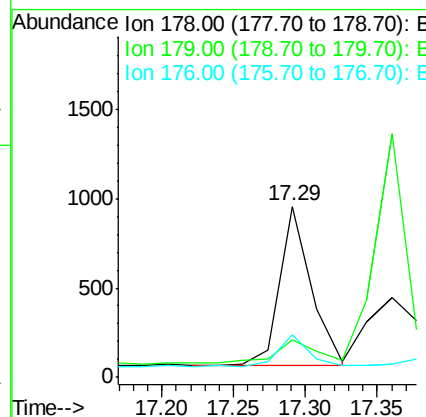
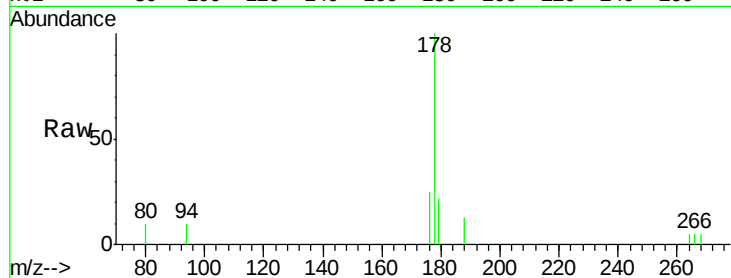
ClientSampleId :

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Tgt Ion:	178	Resp:	1373
Ion Ratio	Lower	Upper	
178	100		
179	22.3	18.4	27.6
176	25.0	13.6	20.4

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#15

Fluoranthene

Concen: 0.089 ng/ul

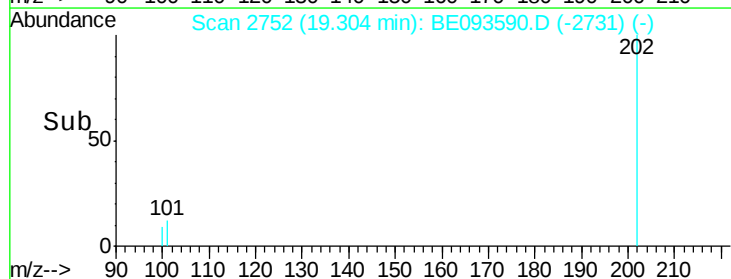
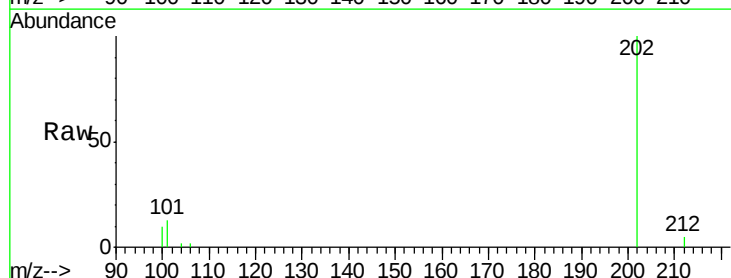
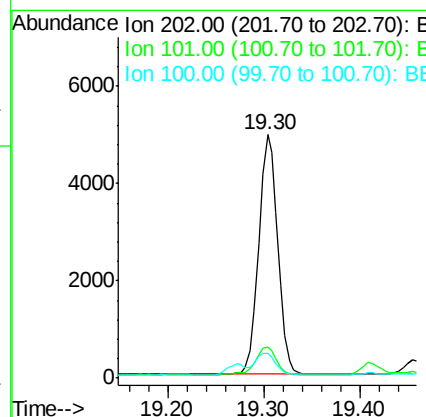
RT: 19.30 min Scan# 2752

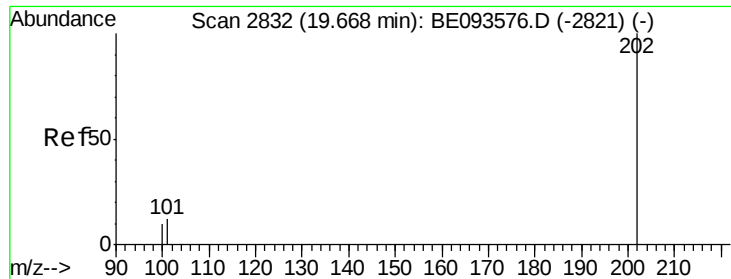
Delta R.T. -0.00 min

Lab File: BE093590.D

Acq: 25 Jul 2017 22:57

Tgt Ion:	202	Resp:	6805
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	30.3
100	10.4	0.0	39.5





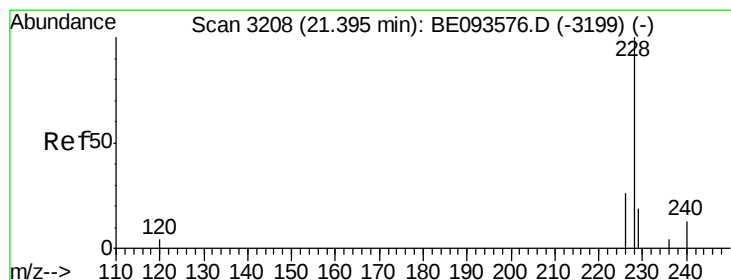
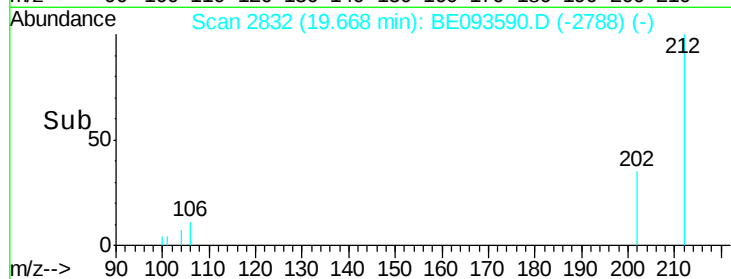
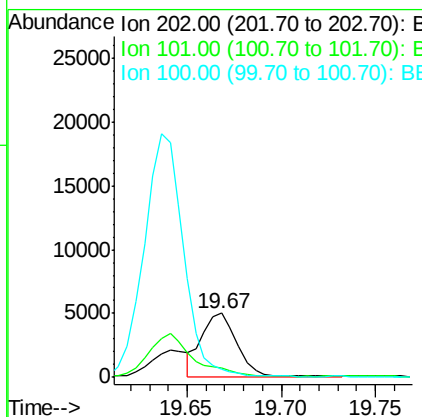
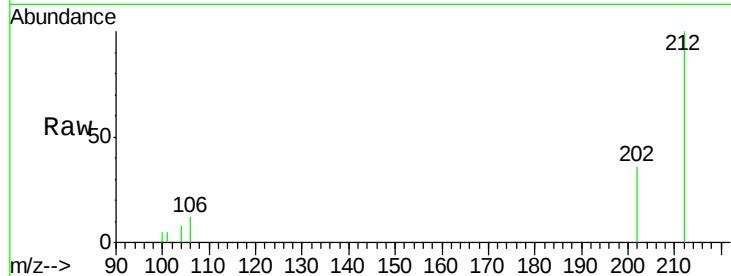
#17
Pyrene
 Concen: 0.098 ng/ul m
 RT: 19.67 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BE093590.D
 Acq: 25 Jul 2017 22:57

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	6809		
101	14.1		18.2	27.4#
100	13.2		15.6	23.4#

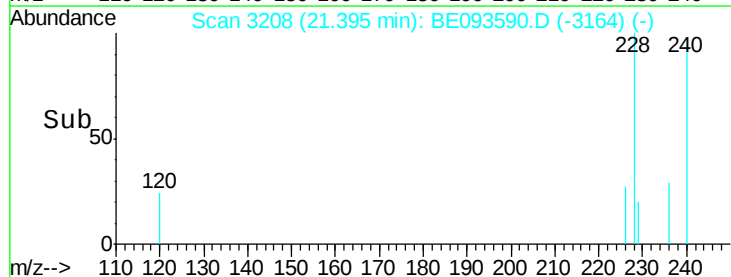
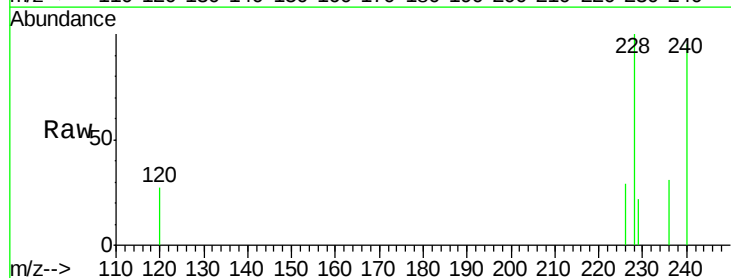
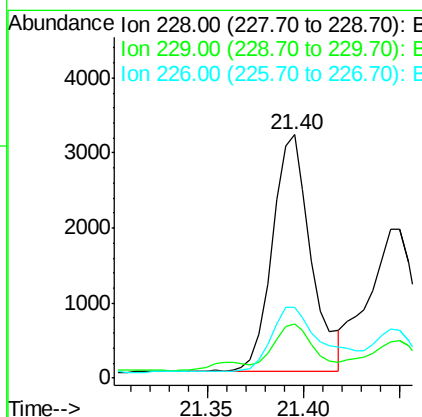
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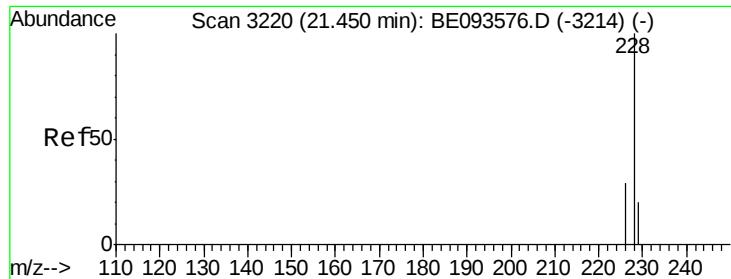
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#18
Benzo(a)anthracene
 Concen: 0.064 ng/ul
 RT: 21.40 min Scan# 3208
 Delta R.T. 0.00 min
 Lab File: BE093590.D
 Acq: 25 Jul 2017 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	4435		
229	22.5		22.8	34.2#
226	28.9		17.0	25.6#





#19

Chrysene

Concen: 0.048 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093590.D

Acq: 25 Jul 2017 22:57

Instrument :

BNA_E

ClientSampled :

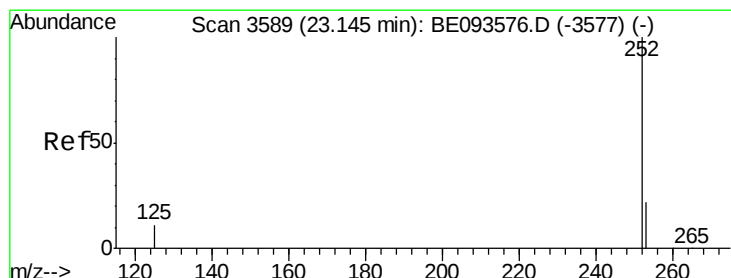
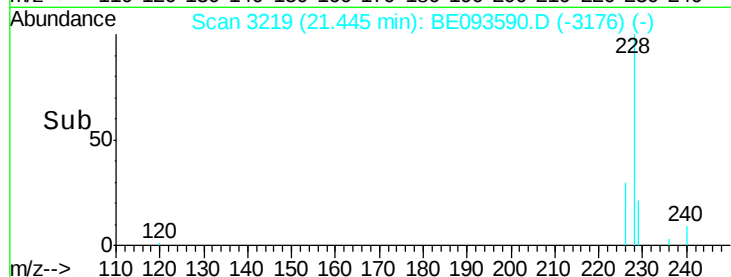
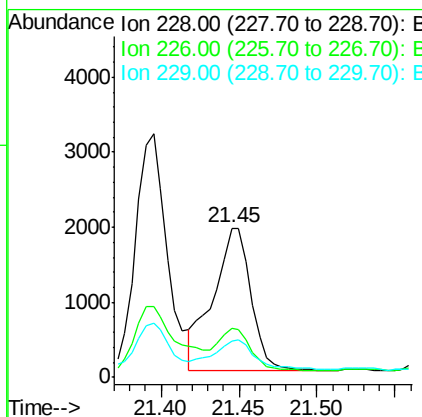
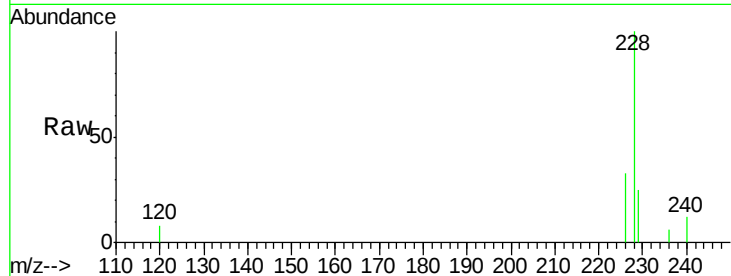
C0B15

Tgt Ion:	228	Resp:	3203
Ion Ratio	Lower	Upper	
228	100		
226	33.1	23.4	35.0
229	24.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.096 ng/ul

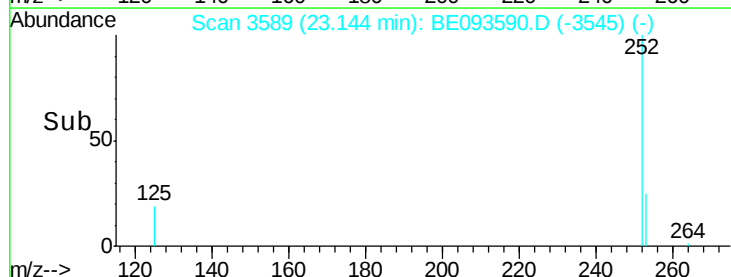
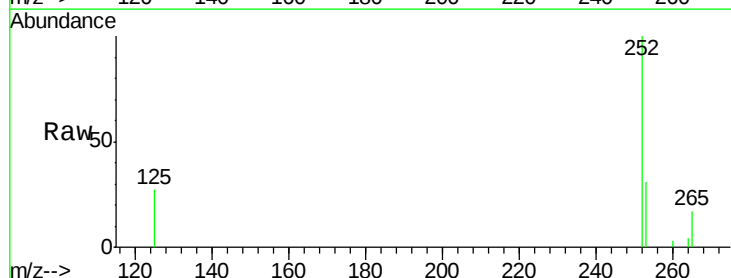
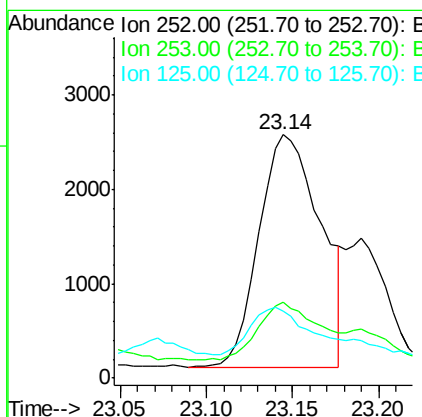
RT: 23.14 min Scan# 3589

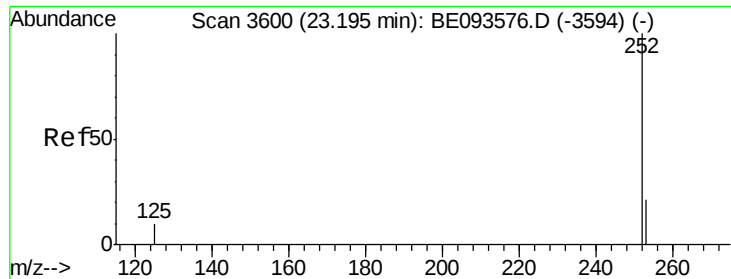
Delta R.T. 0.00 min

Lab File: BE093590.D

Acq: 25 Jul 2017 22:57

Tgt Ion:	252	Resp:	6100
Ion Ratio	Lower	Upper	
252	100		
253	31.0	0.0	64.2
125	27.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.038 ng/ul m

RT: 23.19 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE093590.D

Acq: 25 Jul 2017 22:57

Instrument :

BNA_E

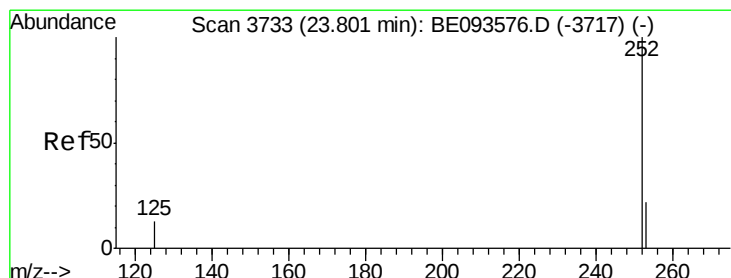
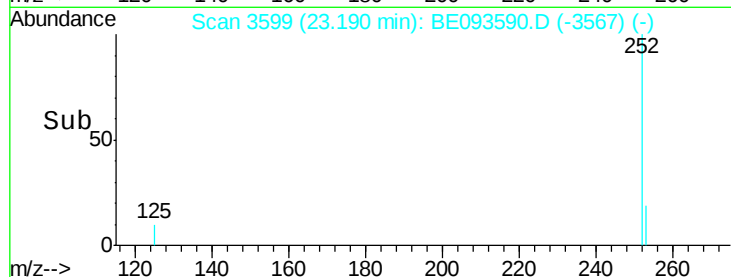
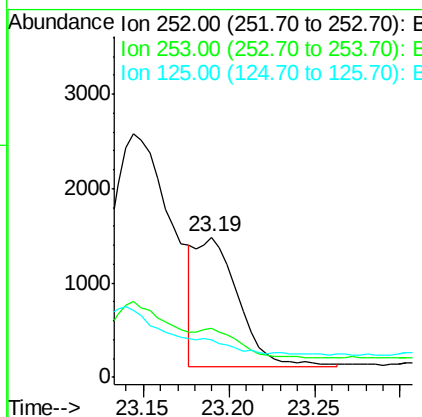
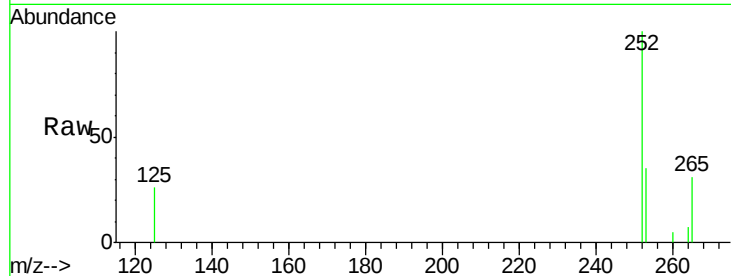
ClientSampleId :

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Tgt Ion:	252	Resp:	2391
Ion Ratio	Lower	Upper	
252	100		
253	34.7	24.5	36.7
125	26.3	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.084 ng/ul m

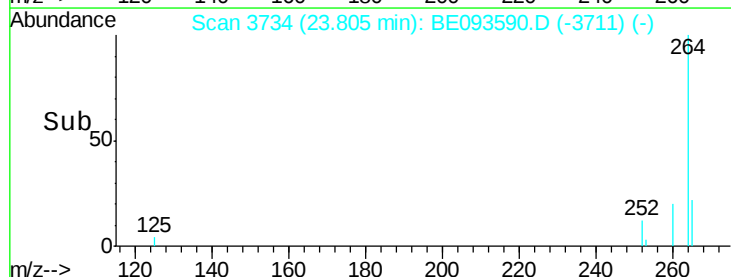
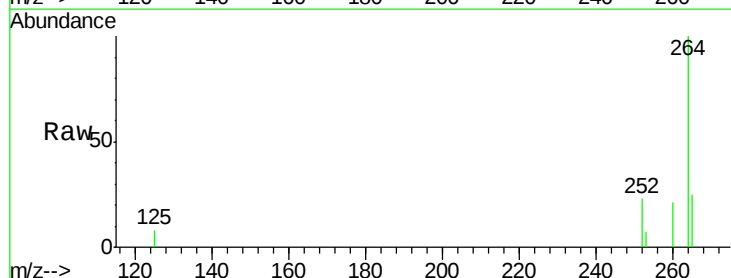
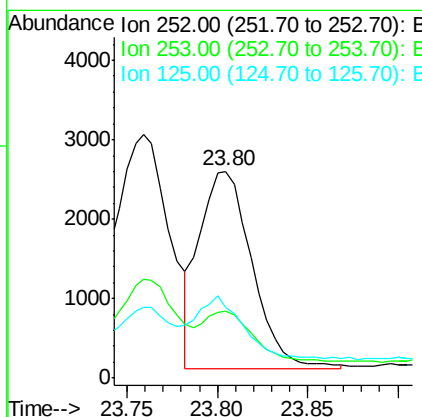
RT: 23.80 min Scan# 3734

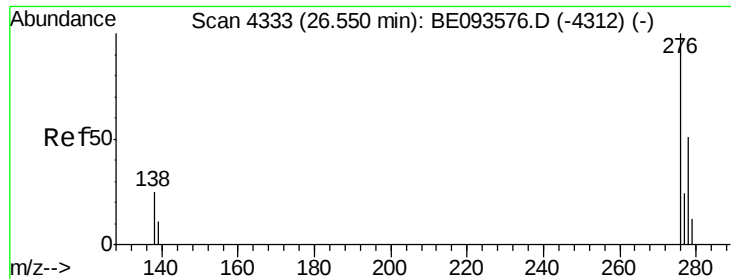
Delta R.T. 0.00 min

Lab File: BE093590.D

Acq: 25 Jul 2017 22:57

Tgt Ion:	252	Resp:	5068
Ion Ratio	Lower	Upper	
252	100		
253	32.6	28.5	42.7
125	34.5	18.1	27.1#





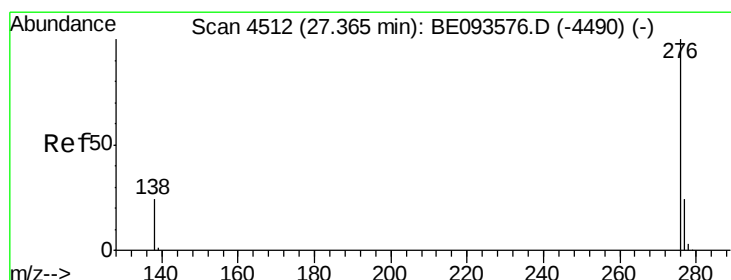
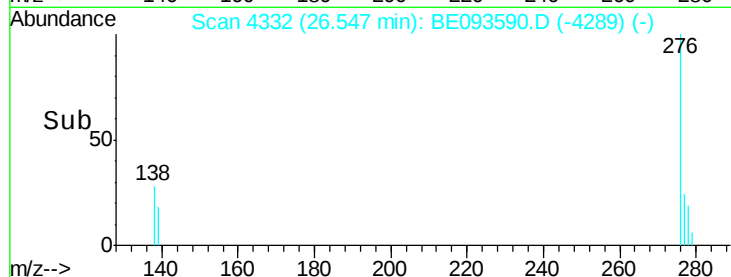
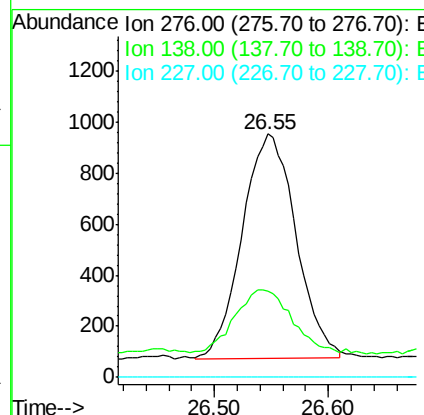
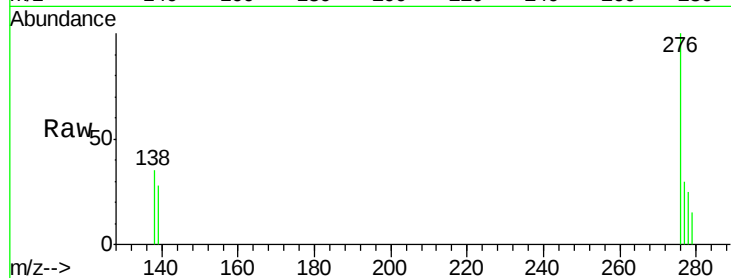
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.043 ng/ul m
 RT: 26.55 min Scan# 4332
 Delta R.T. -0.00 min
 Lab File: BE093590.D
 Acq: 25 Jul 2017 22:57

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Tgt Ion	Ratio	Resp Lower	Resp 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: 0.045 ng/ul m
 RT: 27.36 min Scan# 4511
 Delta R.T. -0.01 min
 Lab File: BE093590.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	35.1	21.8	32.8#
277	31.6	20.5	30.7#

