

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
 Data File : BE093817.D
 Acq On : 15 Aug 2017 21:01
 Operator : SJ/JU
 Sample : I4672-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH5

Manual Integrations
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Quant Time: Aug 16 15:18:06 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 07:30:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2427	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12882	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7895	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16870	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16670	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	12373m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4788	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	11875	0.22	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	4625	0.148	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	3229	0.141	ng/ul	97
12) Phenanthrene	17.29	178	4375	0.095	ng/ul#	91
15) Fluoranthene	19.30	202	7017	0.122	ng/ul	84
17) Pyrene	19.66	202	8479	0.174	ng/ul#	87
18) Benzo(a)anthracene	21.39	228	3018	0.062	ng/ul#	88
19) Chrysene	21.44	228	4298	0.093	ng/ul	94
21) Benzo(b)fluoranthene	23.14	252	5344m	0.140	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	2163m	0.057	ng/ul	
23) Benzo(a)pyrene	23.80	252	3393m	0.093	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.56	276	1837m	0.046	ng/ul	
26) Benzo(g,h,i)perylene	27.38	276	1573m	0.046	ng/ul	

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

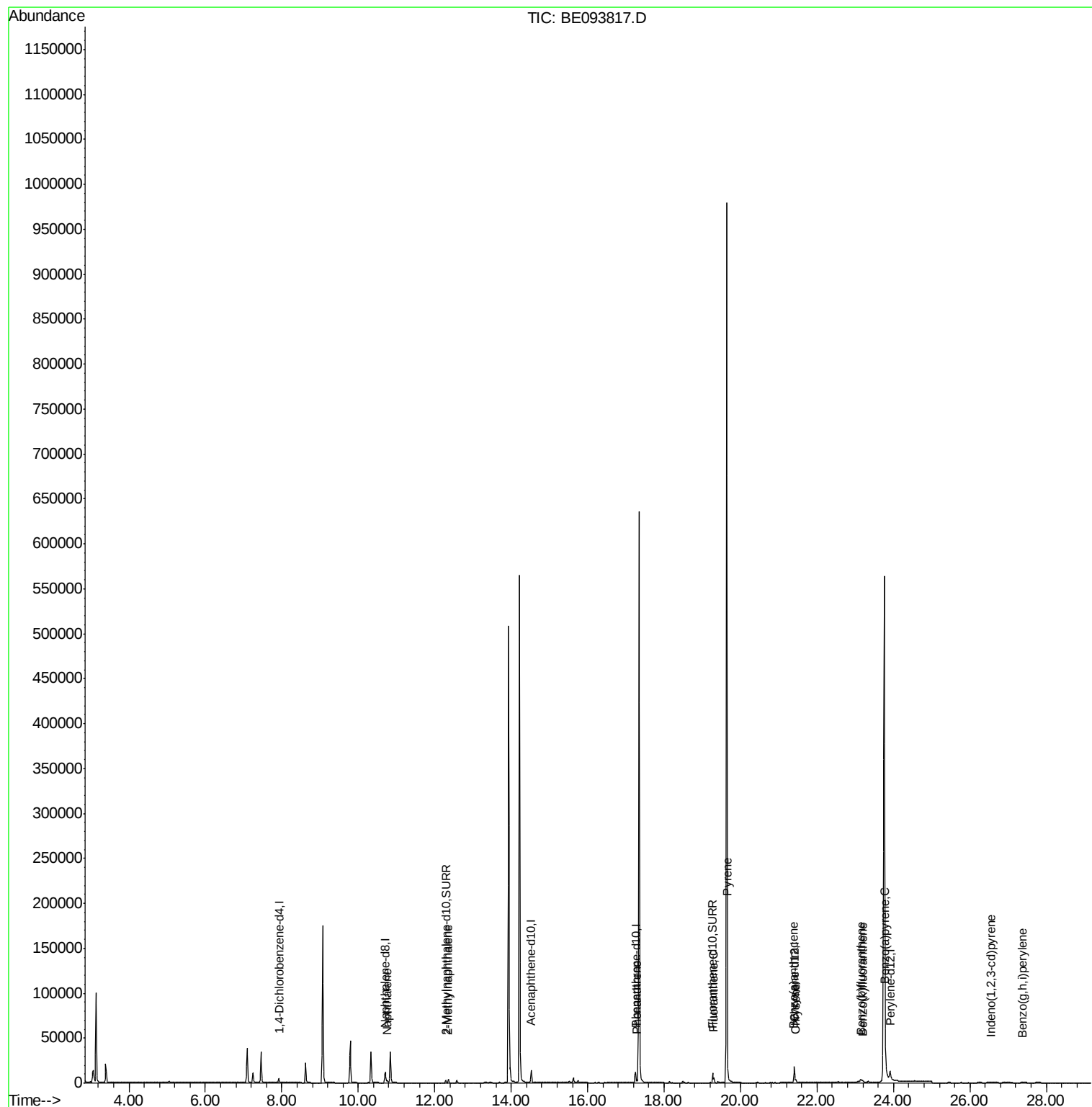
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
Data File : BE093817.D
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Sample : I4672-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

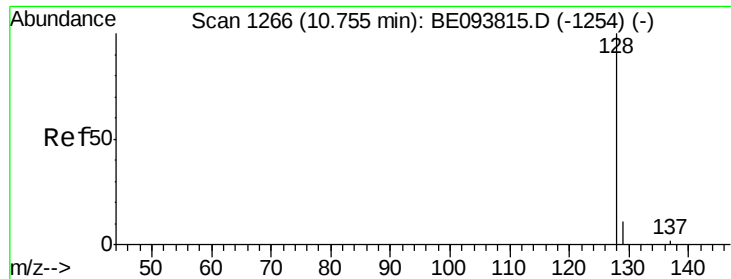
Instrument :
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QLast Update : Wed Aug 16 07:30:49 2017
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#3

Naphthalene

Concen: 0.148 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093817.D

Acq: 15 Aug 2017 21:01

Instrument :

BNA_E

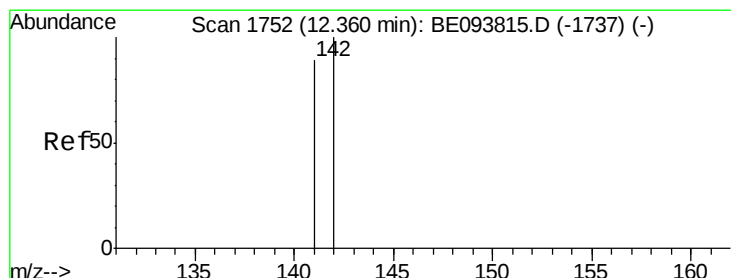
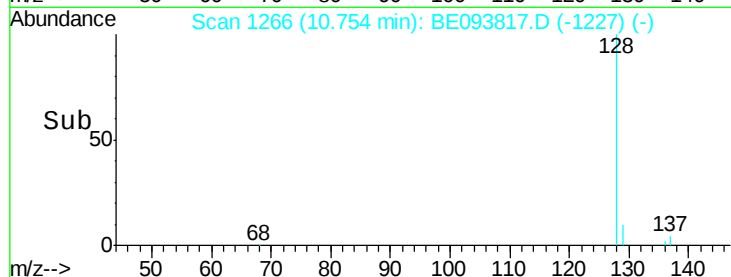
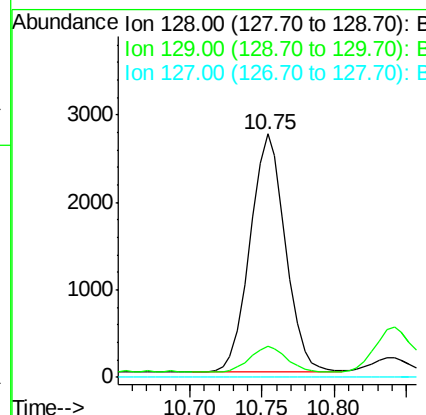
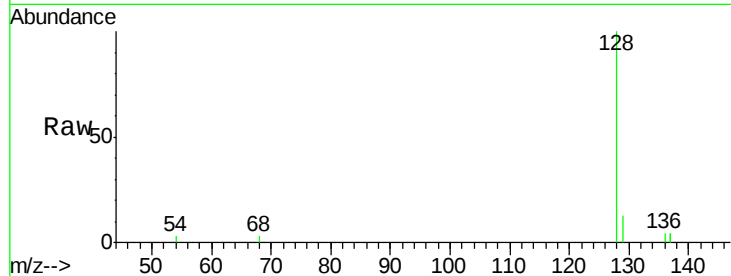
ClientSampleId :

C0AH5

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.0	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.141 ng/ul

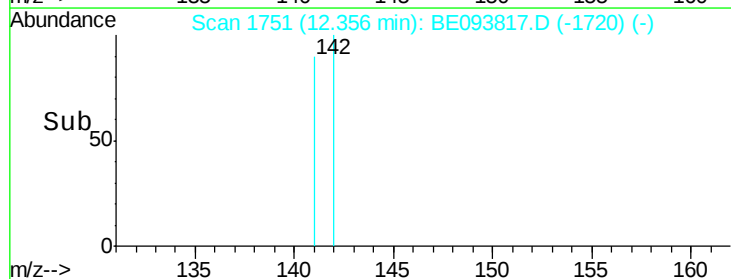
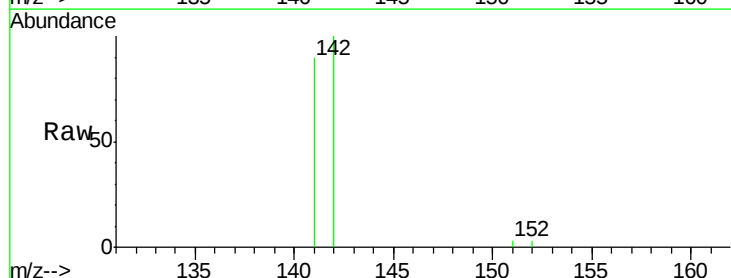
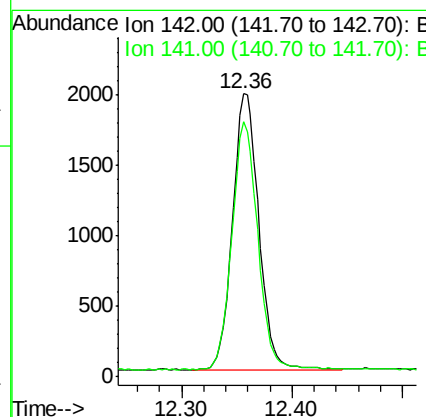
RT: 12.36 min Scan# 1751

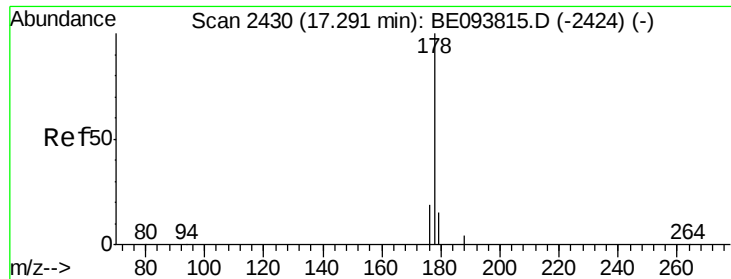
Delta R.T. -0.00 min

Lab File: BE093817.D

Acq: 15 Aug 2017 21:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8





#12

Phenanthrene

Concen: 0.095 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093817.D

Acq: 15 Aug 2017 21:01

Instrument :

BNA_E

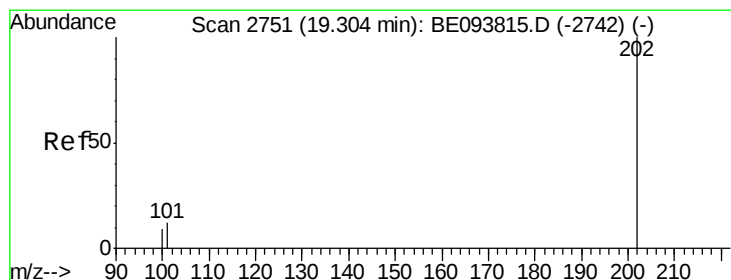
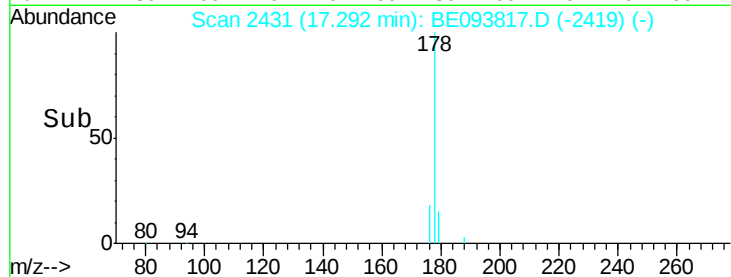
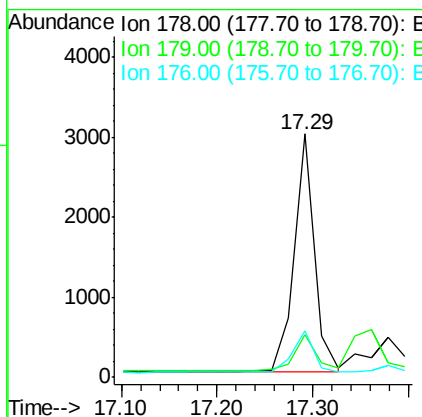
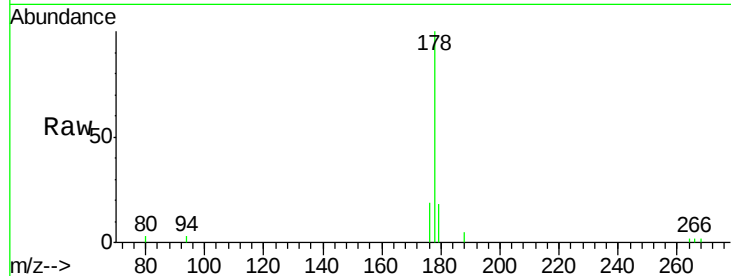
ClientSampleId :

C0AH5

Tgt Ion:	178	Resp:	4375
Ion Ratio	Lower	Upper	
178	100		
179	17.7	18.4	27.6#
176	19.3	13.6	20.4

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#15

Fluoranthene

Concen: 0.122 ng/ul

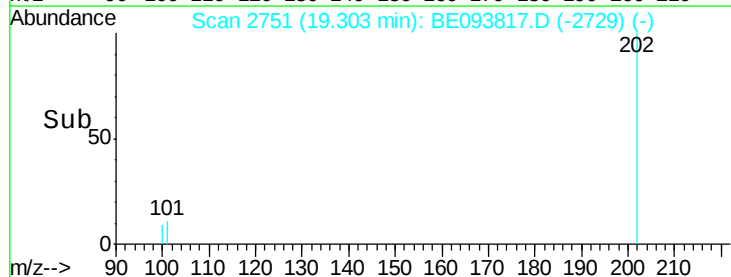
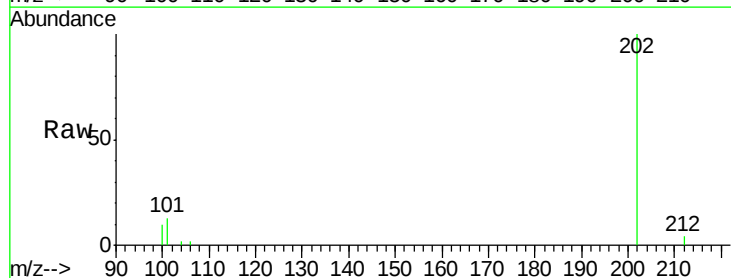
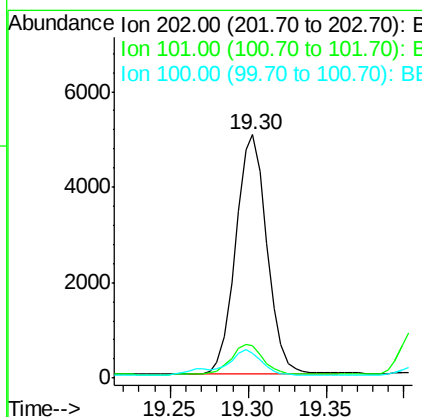
RT: 19.30 min Scan# 2751

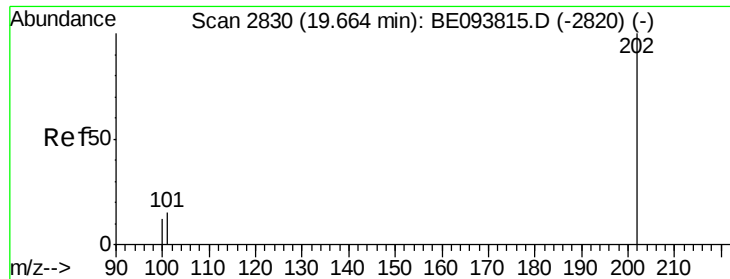
Delta R.T. -0.00 min

Lab File: BE093817.D

Acq: 15 Aug 2017 21:01

Tgt Ion:	202	Resp:	7017
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	30.3
100	10.3	0.0	39.5





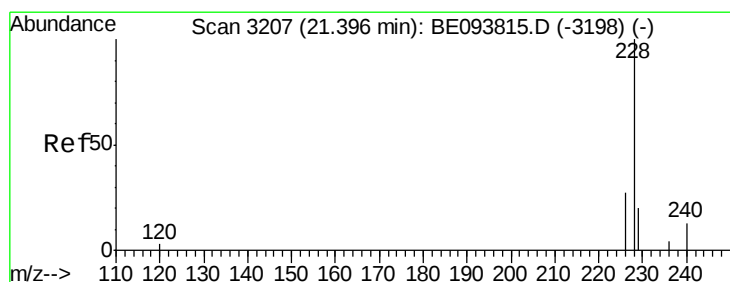
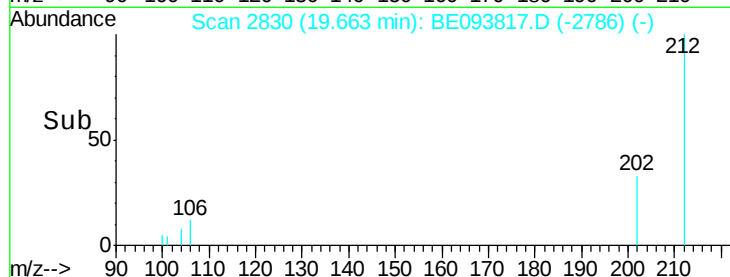
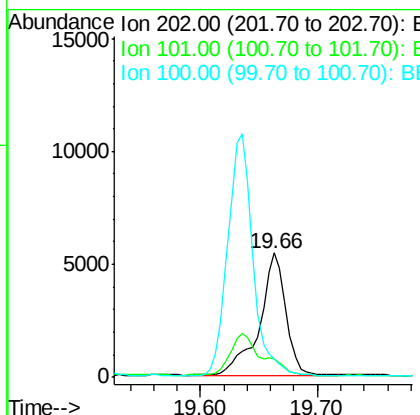
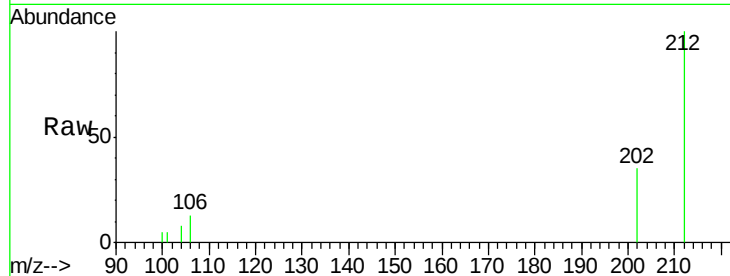
#17
Pyrene
Concen: 0.174 ng/u1
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE093817.D
Acq: 15 Aug 2017 21:01

Instrument :
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ClientSampled :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.1	18.2	27.4#
100	15.1	15.6	23.4#

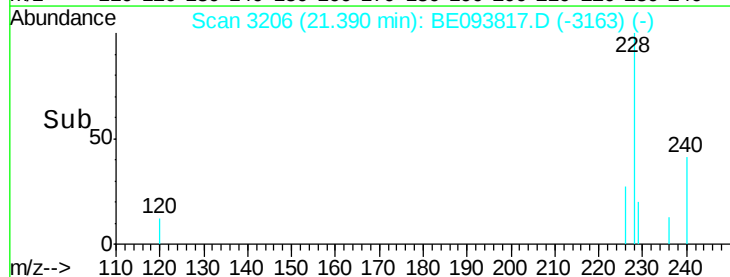
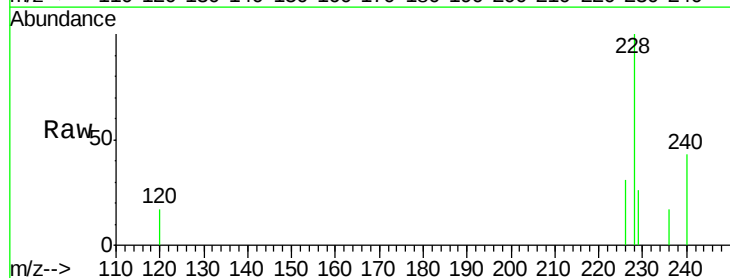
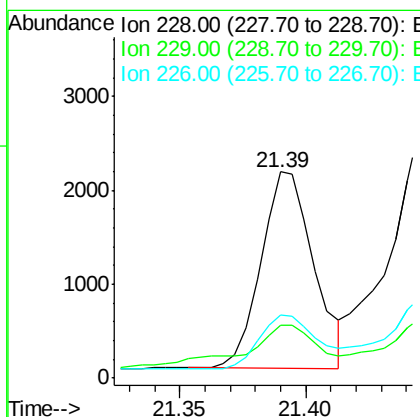
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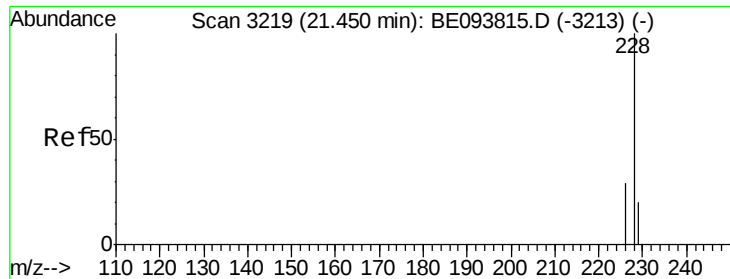
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#18
Benzo(a)anthracene
Concen: 0.062 ng/u1
RT: 21.39 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BE093817.D
Acq: 15 Aug 2017 21:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	25.5	22.8	34.2
226	30.9	17.0	25.6#





#19

Chrysene

Concen: 0.093 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE093817.D

Acq: 15 Aug 2017 21:01

Instrument :

BNA_E

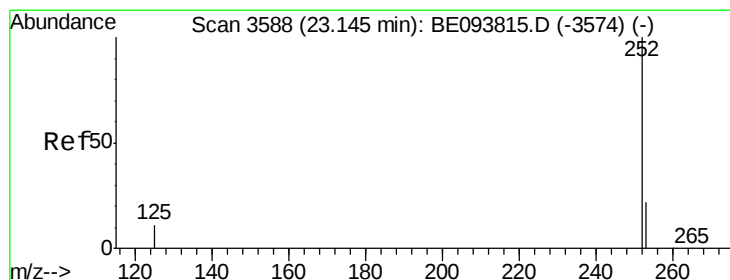
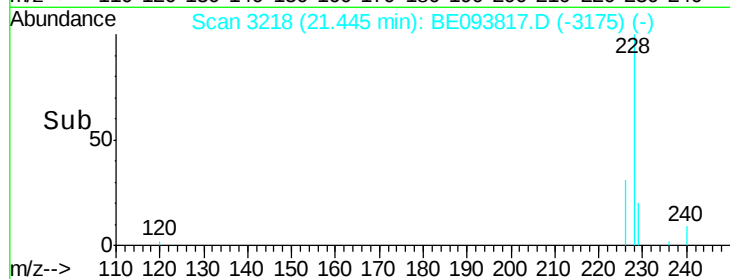
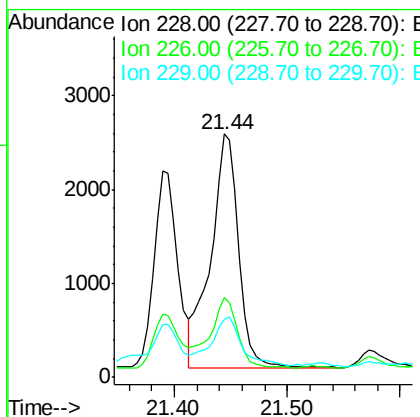
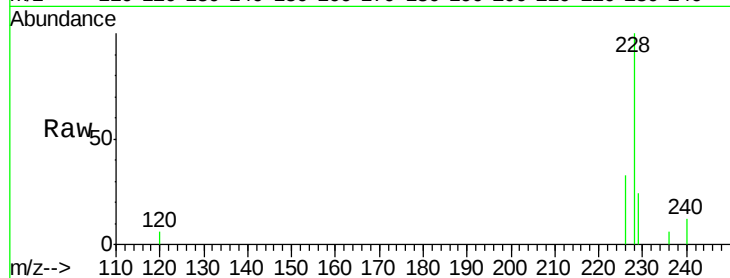
ClientSampleId :

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Tgt Ion:	228	Resp:	4298
Ion Ratio	Lower	Upper	
228	100		
226	33.0	23.4	35.0
229	24.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.140 ng/ul m

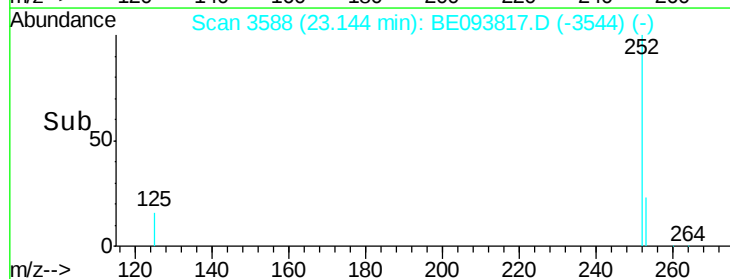
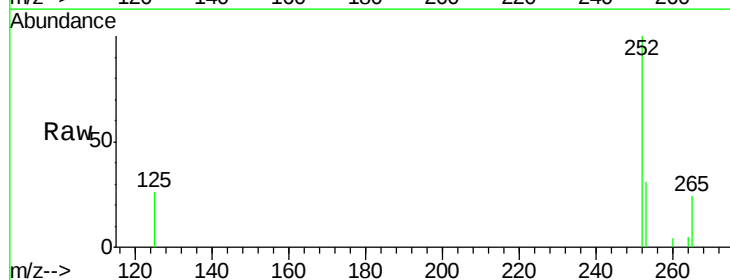
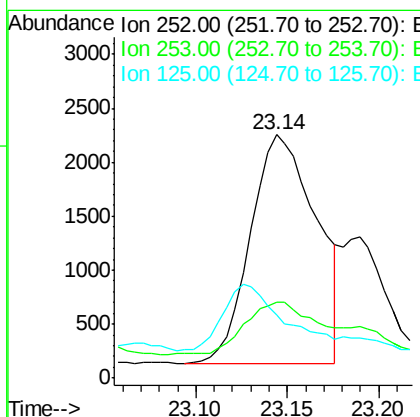
RT: 23.14 min Scan# 3588

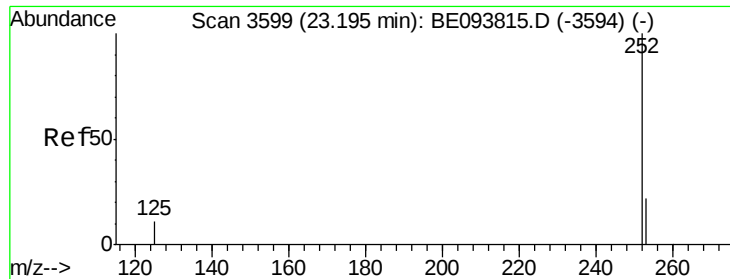
Delta R.T. -0.00 min

Lab File: BE093817.D

Acq: 15 Aug 2017 21:01

Tgt Ion:	252	Resp:	5344
Ion Ratio	Lower	Upper	
252	100		
253	31.0	0.0	64.2
125	26.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.057 ng/ul m

RT: 23.19 min Scan# 3598

Delta R.T. -0.01 min

Lab File: BE093817.D

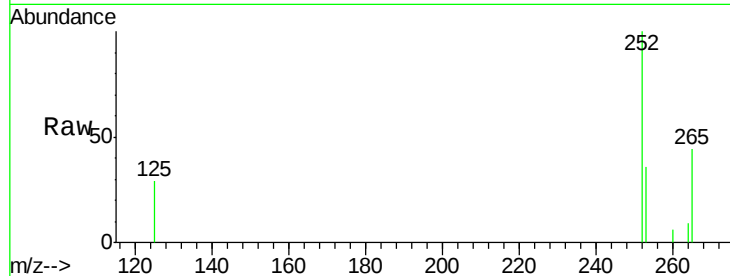
Acq: 15 Aug 2017 21:01

Instrument :

BNA_E

ClientSampled :

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Tgt Ion: 252 Resp: 2163

Ion Ratio Lower Upper

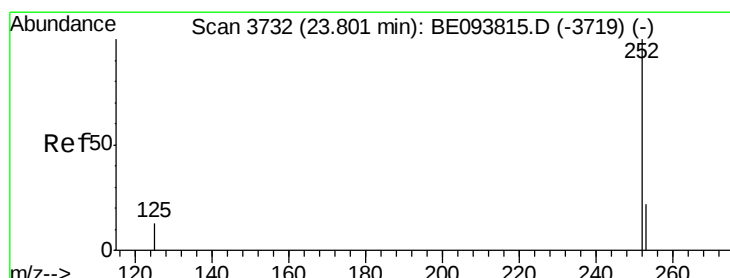
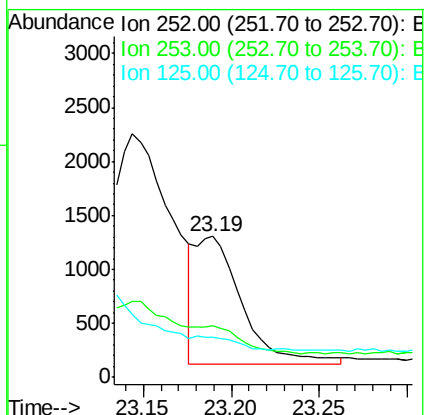
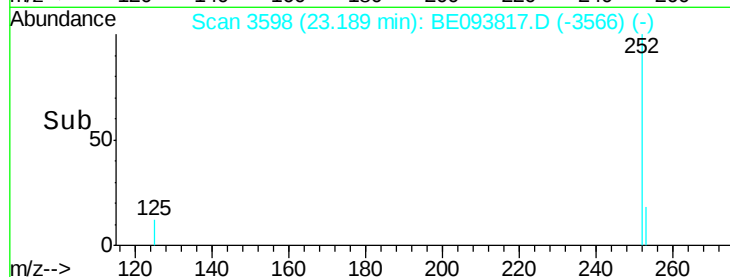
252 100

253 36.3 24.5 36.7

125 28.6 13.7 20.5#

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#23

Benzo(a)pyrene

Concen: 0.093 ng/ul m

RT: 23.80 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BE093817.D

Acq: 15 Aug 2017 21:01

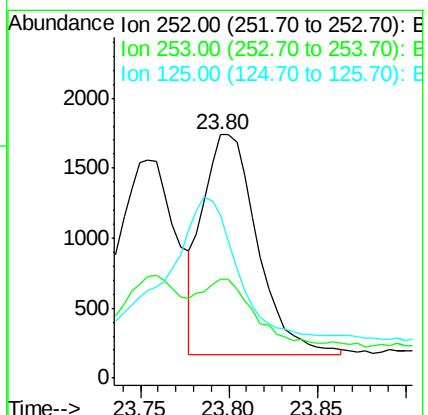
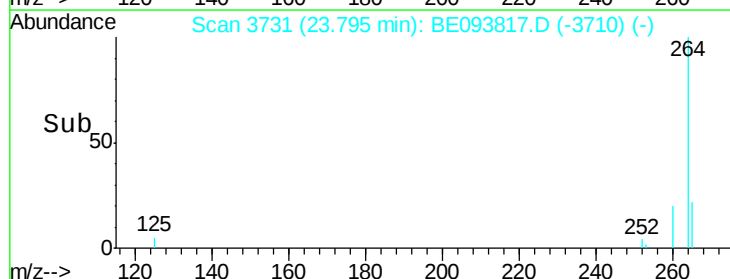
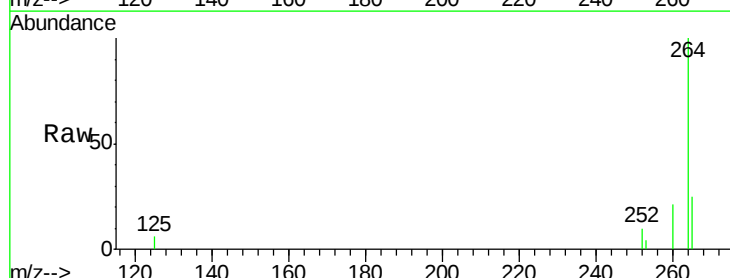
Tgt Ion: 252 Resp: 3393

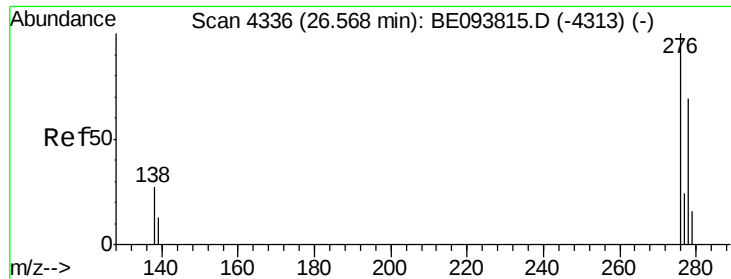
Ion Ratio Lower Upper

252 100

253 40.5 28.5 42.7

125 67.1 18.1 27.1#





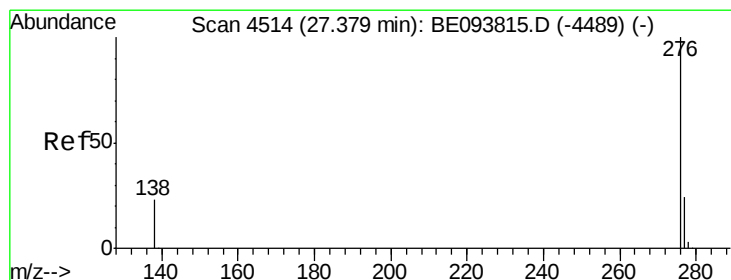
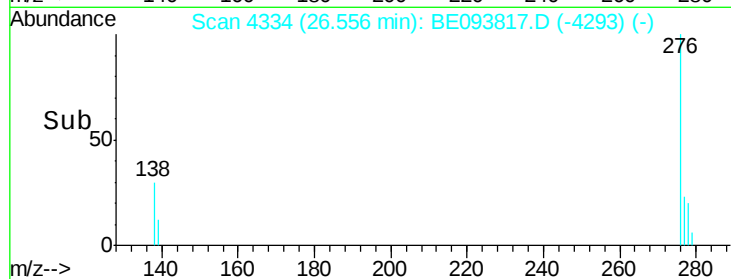
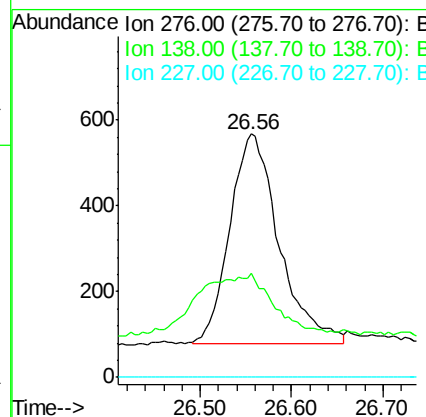
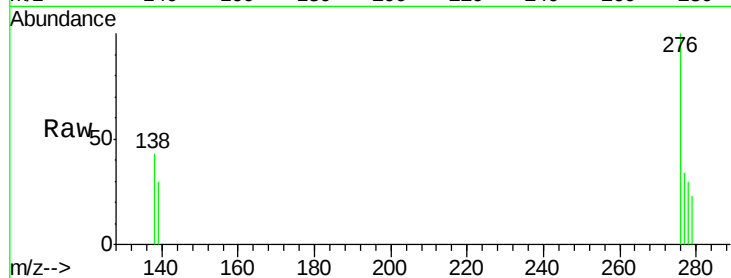
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.046 ng/ul m
 RT: 26.56 min Scan# 4334
 Delta R.T. -0.01 min
 Lab File: BE093817.D
 Acq: 15 Aug 2017 21:01

Instrument :
 BNA_E
 ClientSampleId :
 C0AH5

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1837		
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: 0.046 ng/ul m
 RT: 27.38 min Scan# 4514
 Delta R.T. -0.00 min
 Lab File: BE093817.D
 Acq: 15 Aug 2017 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1573		
138	43.4	21.8	32.8#	
277	37.7	20.5	30.7#	

