

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093756.D
 Acq On : 10 Aug 2017 21:26
 Operator : SJ/JU
 Sample : I4529-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD3

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Quant Time: Aug 11 18:29:06 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 06:07:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3015	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	15605	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	10216	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	23329m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22352	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	18463m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	9289	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	28442	0.39	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.75	128	1499	0.039	ng/ul#	84
5) 2-Methylnaphthalene	12.36	142	4062	0.147	ng/ul	99
8) Acenaphthene	14.59	153	1380	0.041	ng/ul	98
9) Fluorene	15.57	166	6164	0.145	ng/ul	88
12) Phenanthrene	17.29	178	15229	0.240	ng/ul	93
13) Anthracene	17.38	178	7059m	0.114	ng/ul	
15) Fluoranthene	19.30	202	7294	0.092	ng/ul	84
17) Pyrene	19.66	202	14536	0.223	ng/ul#	90
18) Benzo(a)anthracene	21.39	228	3642	0.056	ng/ul#	67
19) Chrysene	21.44	228	3302	0.053	ng/ul#	64
23) Benzo(a)pyrene	23.80	252	2392m	0.044	ng/ul	

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

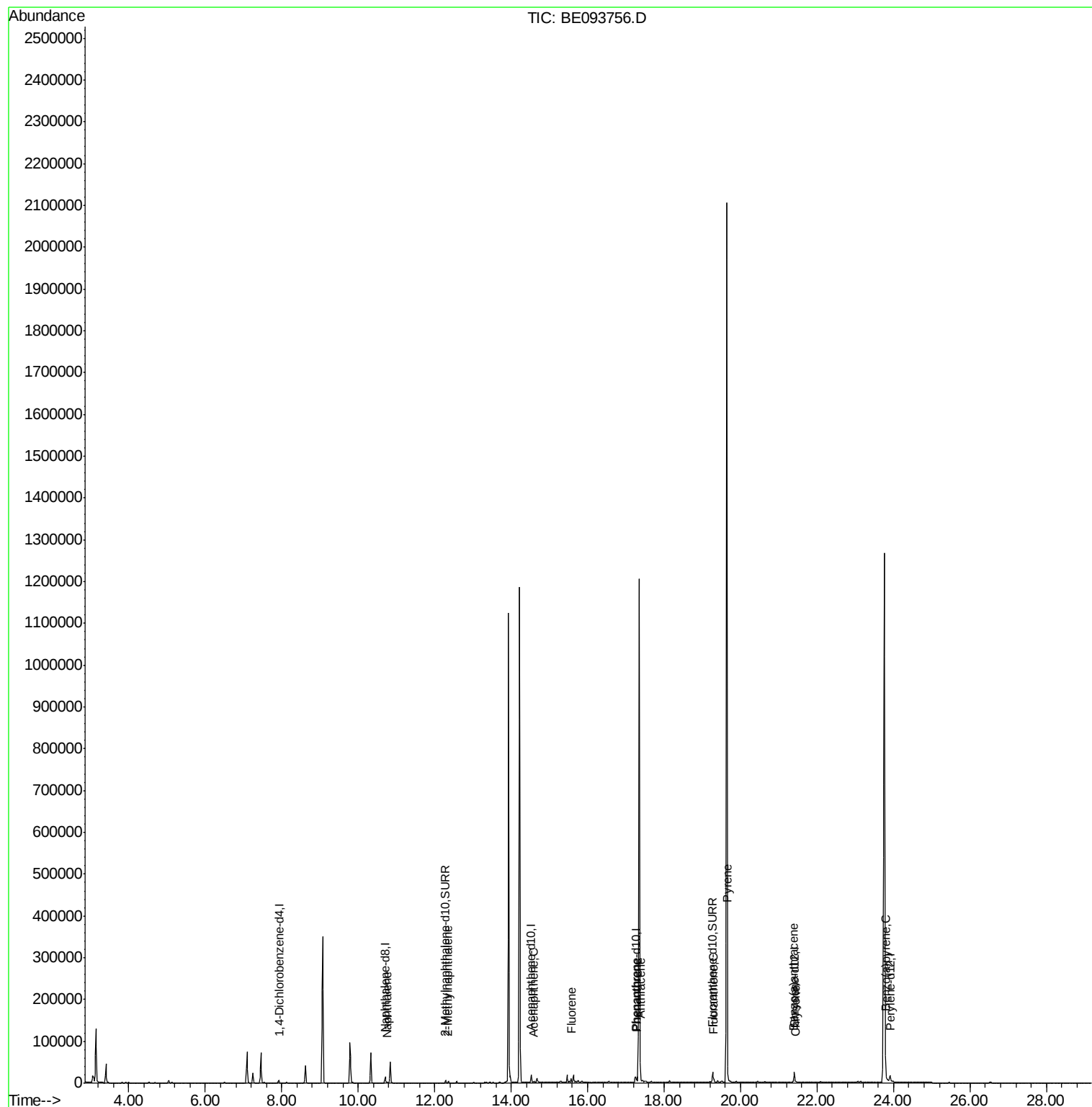
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
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ALS Vial : 20 Sample Multiplier: 1

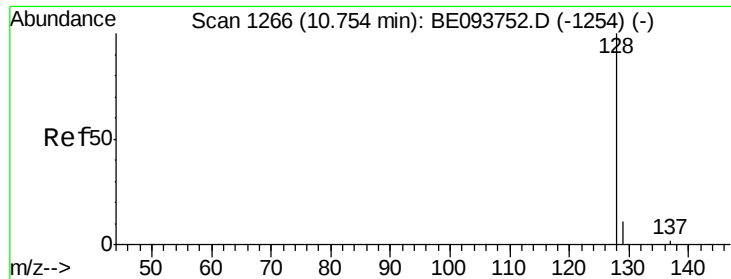
Instrument :
BNA_E
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#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093756.D

Acq: 10 Aug 2017 21:26

Instrument :

BNA_E

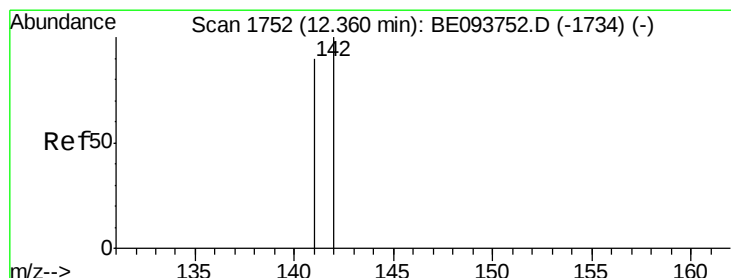
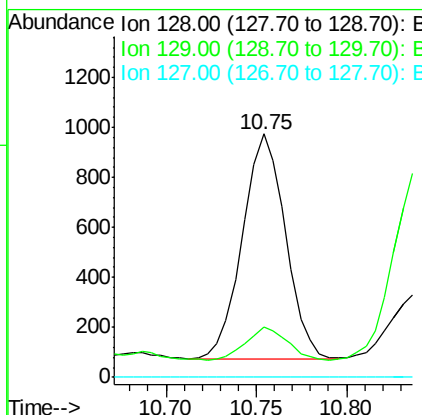
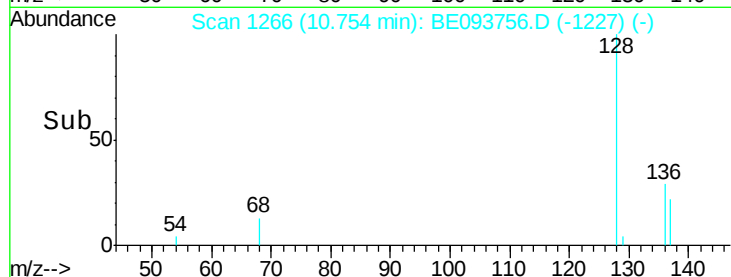
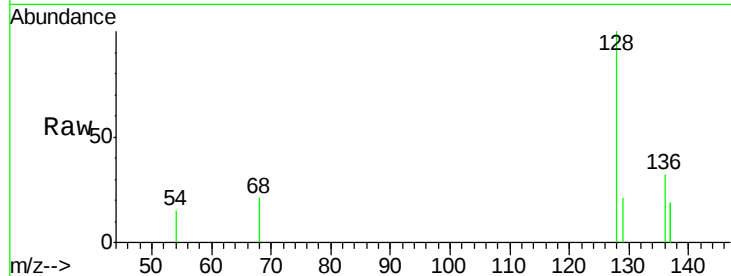
ClientSampleId :

C0AD3

Tgt Ion:	128	Resp:	1499
Ion Ratio	Lower	Upper	
128	100		
129	20.5	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.147 ng/ul

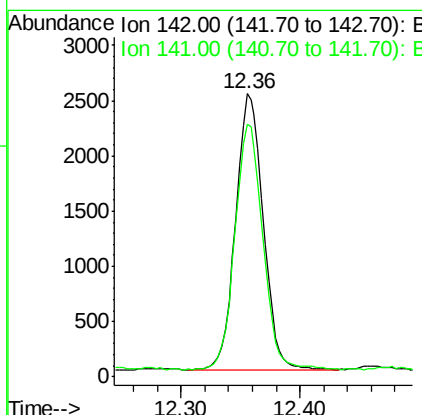
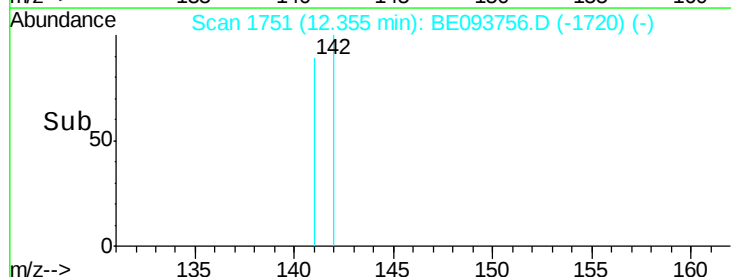
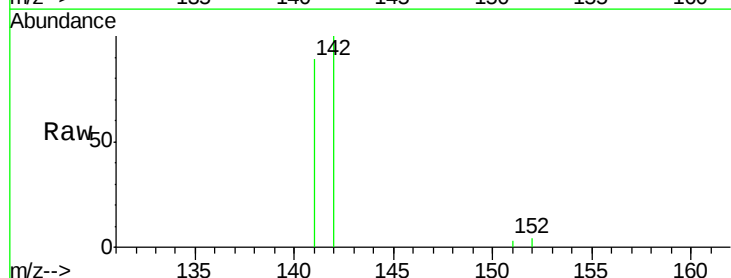
RT: 12.36 min Scan# 1751

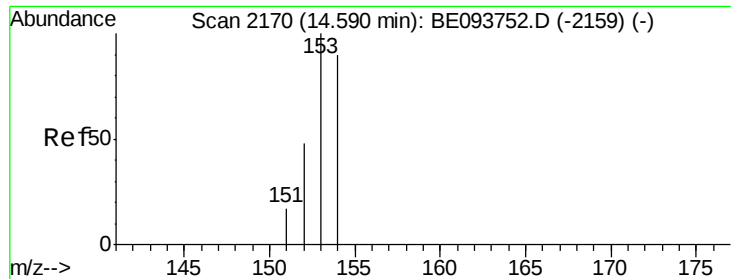
Delta R.T. -0.00 min

Lab File: BE093756.D

Acq: 10 Aug 2017 21:26

Tgt Ion:	142	Resp:	4062
Ion Ratio	Lower	Upper	
142	100		
141	90.1	72.6	108.8





#8

Acenaphthene

Concen: 0.041 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE093756.D

Acq: 10 Aug 2017 21:26

Instrument :

BNA_E

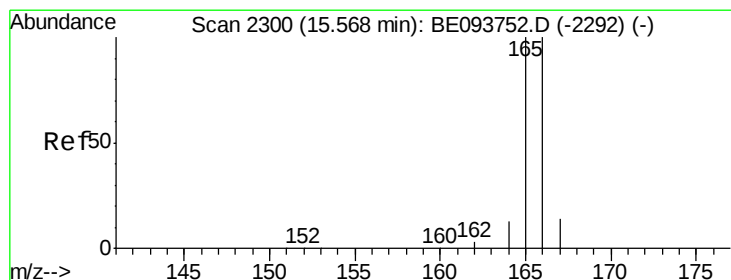
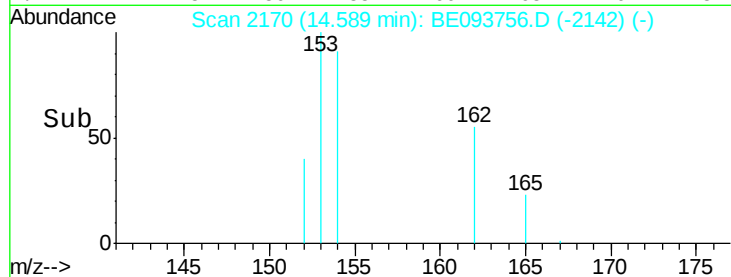
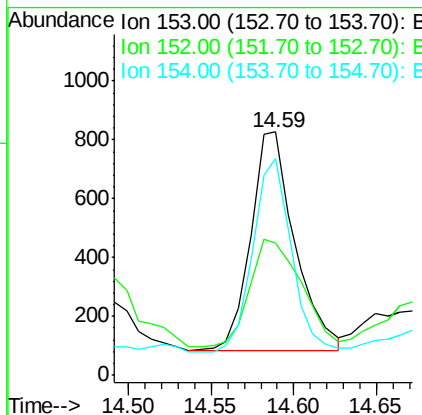
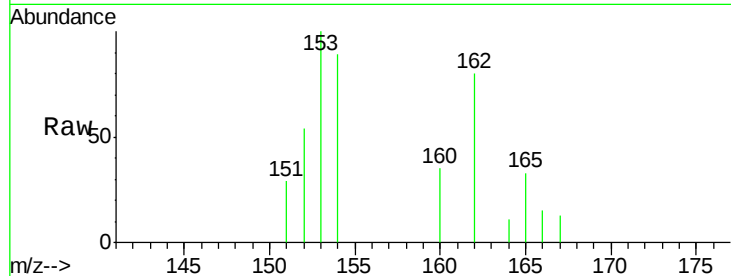
ClientSampleId :

C0AD3

Tgt Ion:	153	Resp:	1380
Ion	Ratio	Lower	Upper
153	100		
152	54.3	40.3	60.5
154	89.2	71.4	107.2

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#9

Fluorene

Concen: 0.145 ng/ul

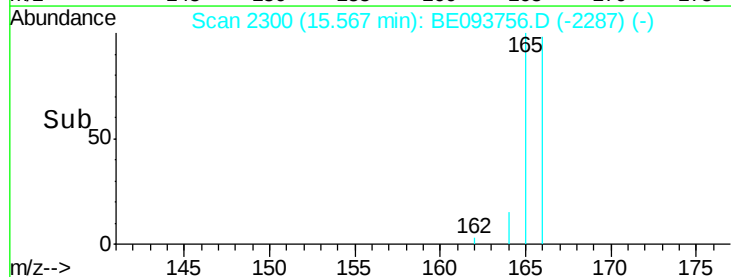
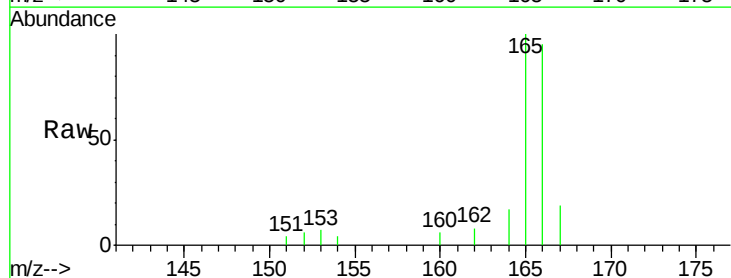
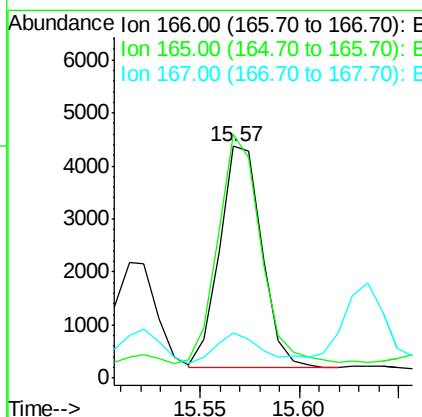
RT: 15.57 min Scan# 2300

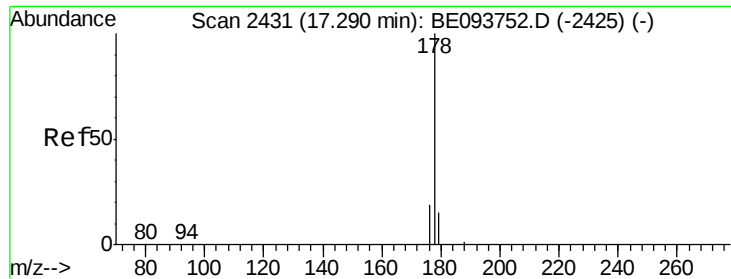
Delta R.T. -0.00 min

Lab File: BE093756.D

Acq: 10 Aug 2017 21:26

Tgt Ion:	166	Resp:	6164
Ion	Ratio	Lower	Upper
166	100		
165	105.0	73.4	110.2
167	19.5	14.6	22.0





#12

Phenanthrene

Concen: 0.240 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093756.D

Acq: 10 Aug 2017 21:26

Instrument :

BNA_E

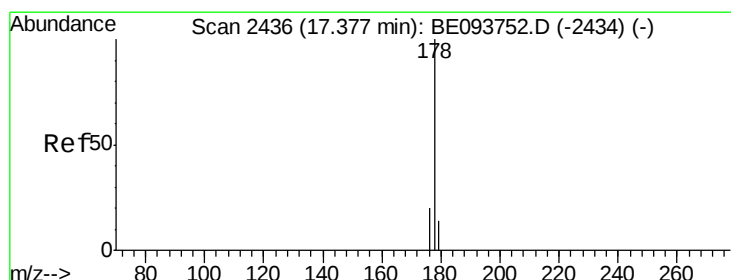
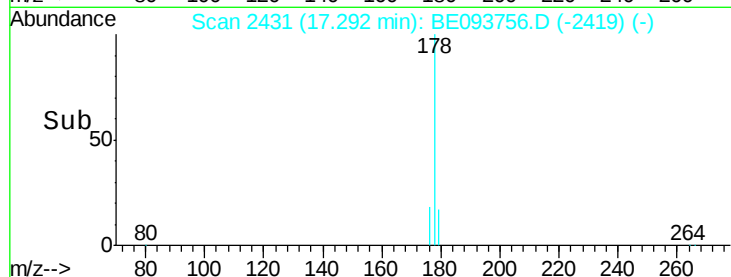
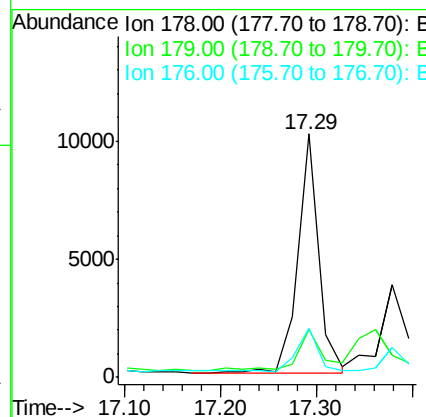
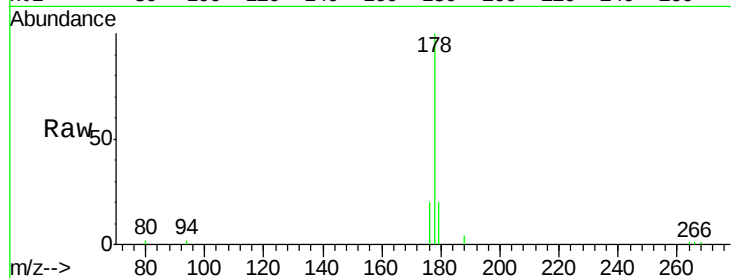
ClientSampled :

C0AD3

Tgt Ion:	178	Resp:	15229
Ion Ratio	Lower	Upper	
178	100		
179	19.6	18.4	27.6
176	20.3	13.6	20.4

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#13

Anthracene

Concen: 0.114 ng/ul m

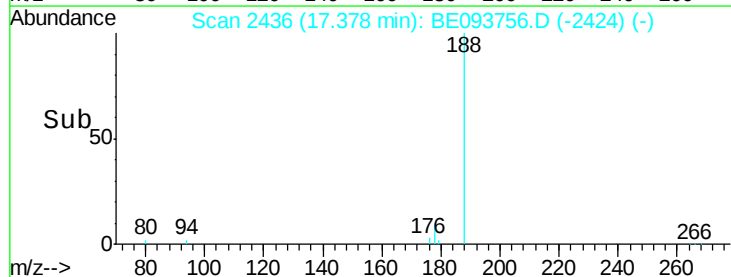
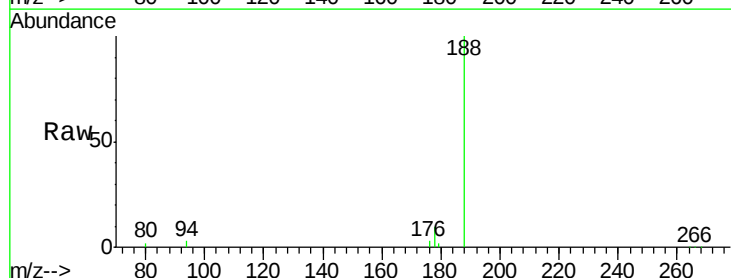
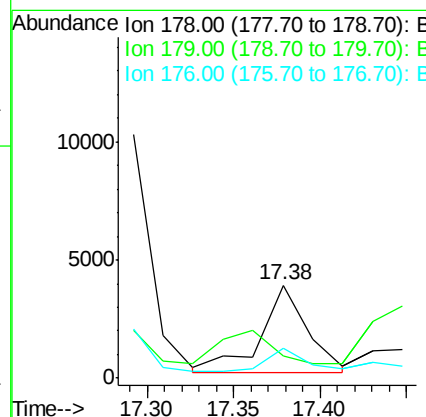
RT: 17.38 min Scan# 2436

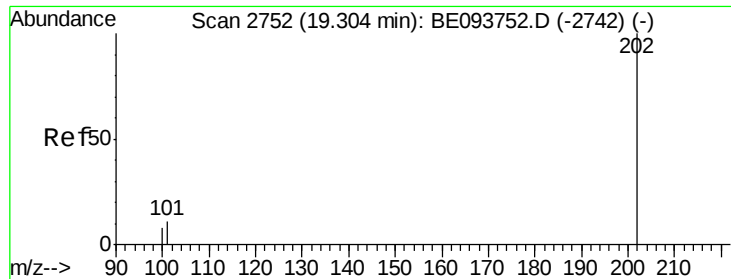
Delta R.T. 0.00 min

Lab File: BE093756.D

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Tgt Ion:	178	Resp:	7059
Ion Ratio	Lower	Upper	
178	100		
179	23.8	18.1	27.1
176	32.3	14.7	22.1#





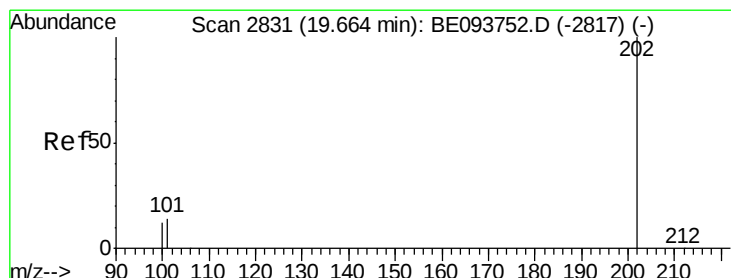
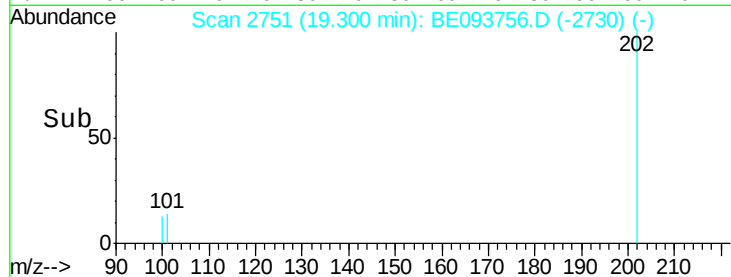
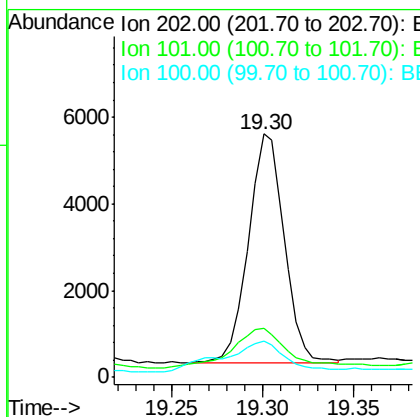
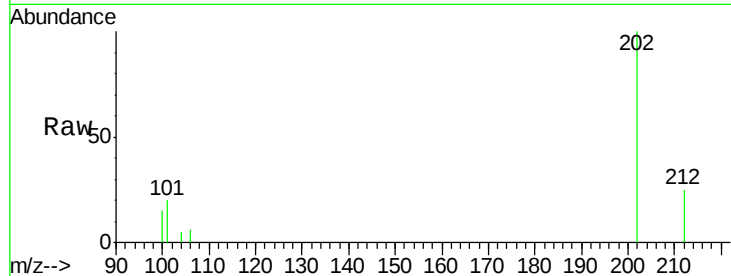
#15
Fluoranthene
Concen: 0.092 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE093756.D
Acq: 10 Aug 2017 21:26

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	7294		
101	20.0		0.0	30.3
100	14.8		0.0	39.5

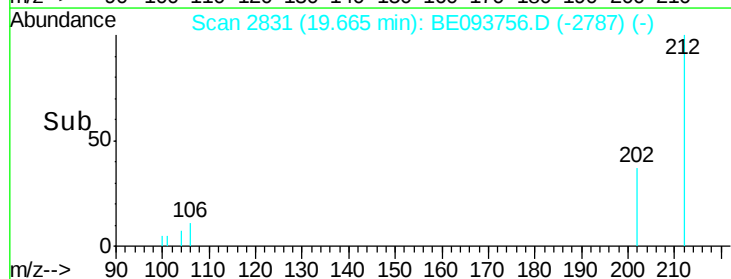
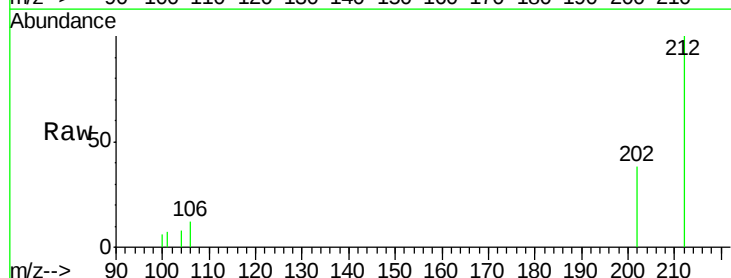
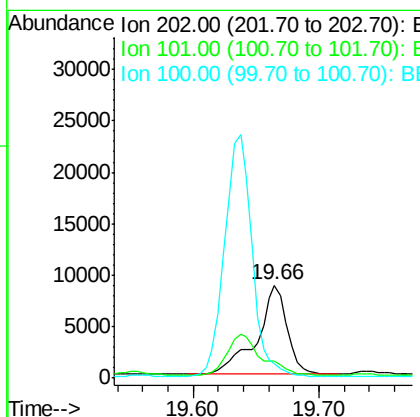
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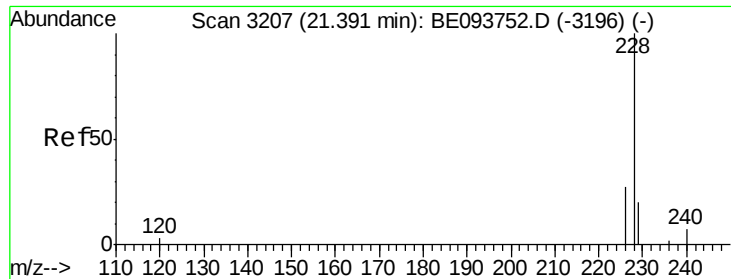
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#17
Pyrene
Concen: 0.223 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE093756.D
Acq: 10 Aug 2017 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	14536		
101	17.7		18.2	27.4#
100	15.1		15.6	23.4#





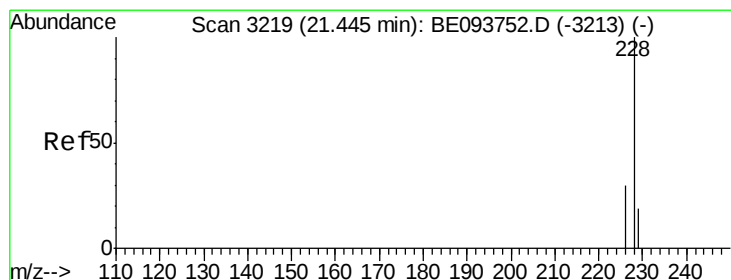
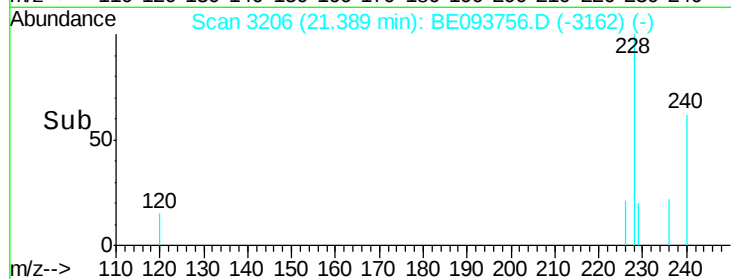
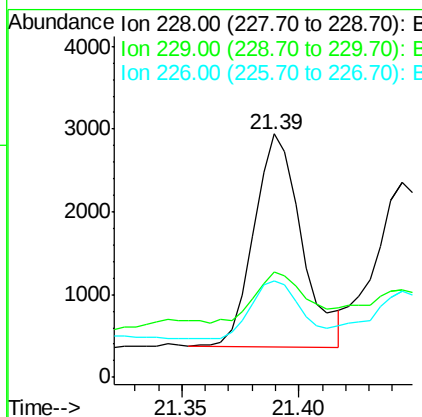
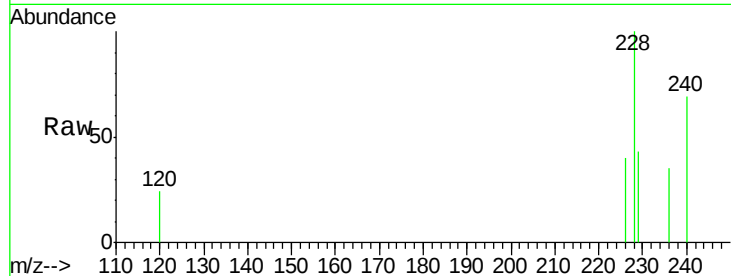
#18
Benzo(a)anthracene
Concen: 0.056 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE093756.D
Acq: 10 Aug 2017 21:26

Instrument :
BNA_E
ClientSampleId :
C0AD3

Tgt Ion	Ratio	Lower	Upper
228	100		
229	43.5	22.8	34.2#
226	39.8	17.0	25.6#

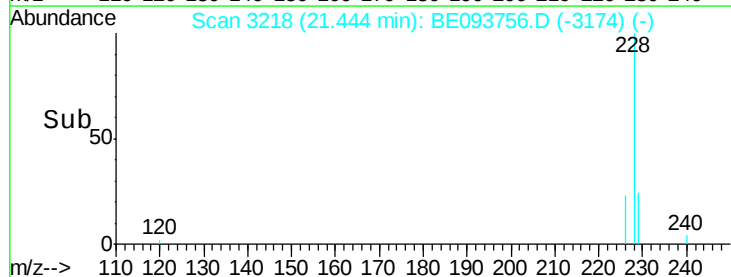
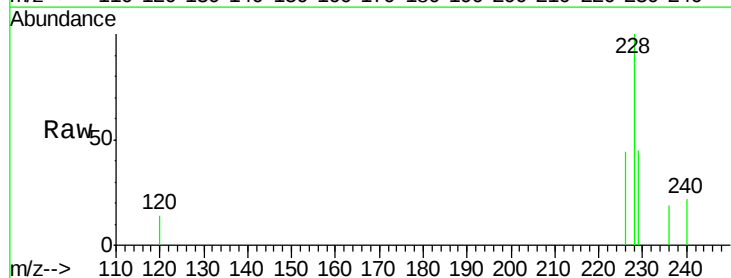
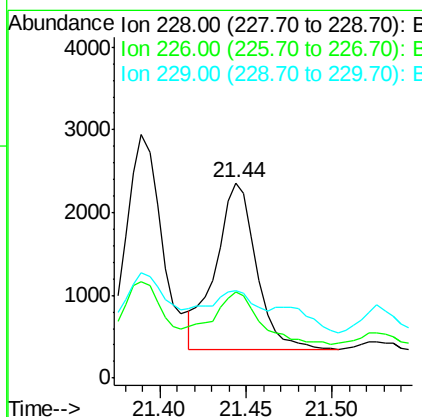
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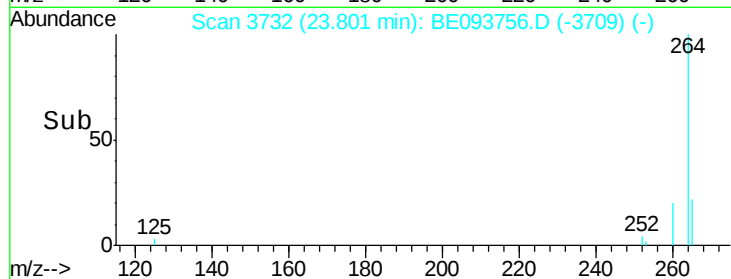
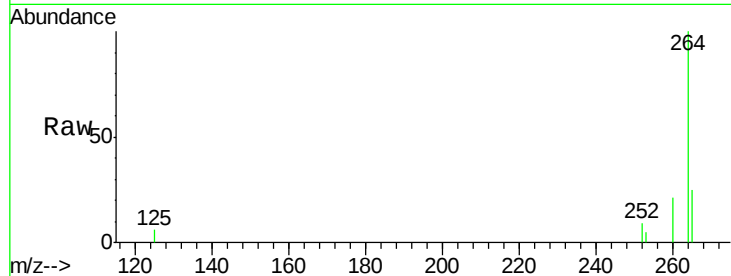
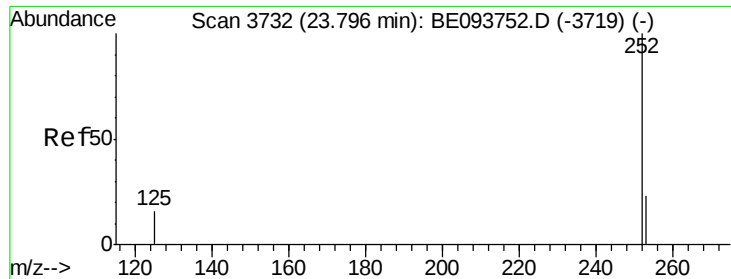
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#19
Chrysene
Concen: 0.053 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE093756.D
Acq: 10 Aug 2017 21:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.8	23.4	35.0#
229	44.6	17.7	26.5#





#23

Benzo(a)pyrene

Concen: 0.044 ng/ul m

RT: 23.80 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE093756.D

Acq: 10 Aug 2017 21:26

Instrument :

BNA_E

ClientSampleId :

C0AD3

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	52.0	28.5	42.7#	
125	63.6	18.1	27.1#	

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