

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093759.D
 Acq On : 10 Aug 2017 23:19
 Operator : SJ/JU
 Sample : I4529-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3

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Quant Time: Aug 11 18:37:33 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	2937	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	15603	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	10312	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	22594m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22488	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	18643m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	7770	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	23159	0.32	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.75	128	2205	0.058	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	2796	0.101	ng/ul	100
9) Fluorene	15.57	166	3104	0.072	ng/ul	88
12) Phenanthrene	17.29	178	10037	0.163	ng/ul#	89
13) Anthracene	17.38	178	3625	0.060	ng/ul#	35
15) Fluoranthene	19.30	202	5121	0.067	ng/ul	84
17) Pyrene	19.66	202	10772	0.164	ng/ul#	92
18) Benzo(a)anthracene	21.39	228	2851	0.044	ng/ul#	68
19) Chrysene	21.45	228	2653	0.042	ng/ul#	64
21) Benzo(b)fluoranthene	23.14	252	1736	0.030	ng/ul#	19
22) Benzo(k)fluoranthene	23.14	252	1736	0.031	ng/ul#	15
23) Benzo(a)pyrene	23.80	252	2098m	0.038	ng/ul	

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

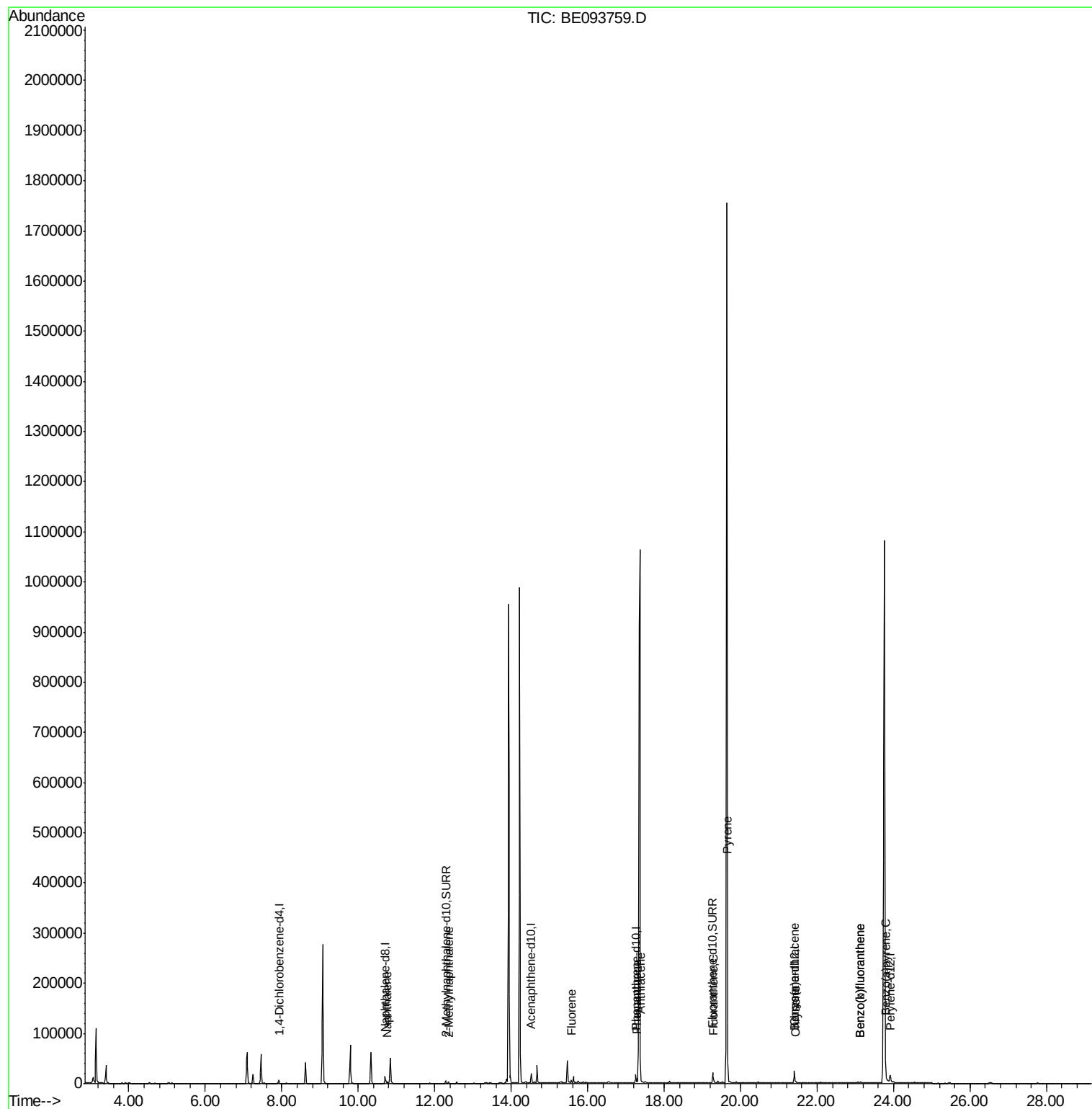
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093759.D
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Operator : SJ/JU
Sample : I4529-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

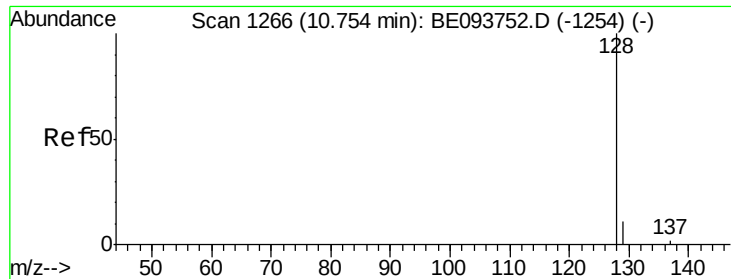
Instrument :
BNA_E
ClientSampleId :
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QLast Update : Fri Aug 11 06:07:04 2017
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#3

Naphthalene

Concen: 0.058 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093759.D

Acq: 10 Aug 2017 23:19

Instrument :

BNA_E

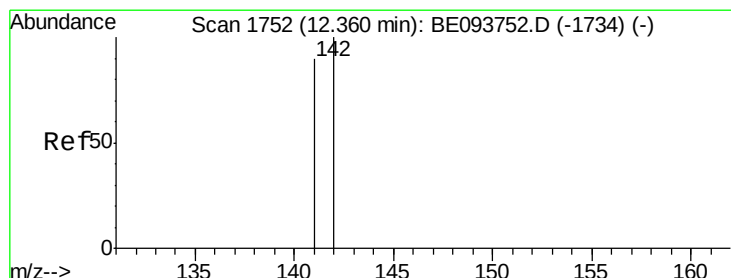
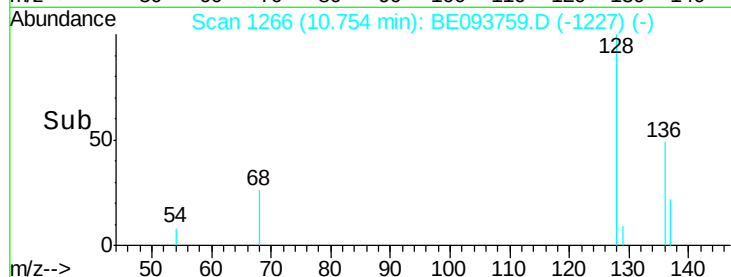
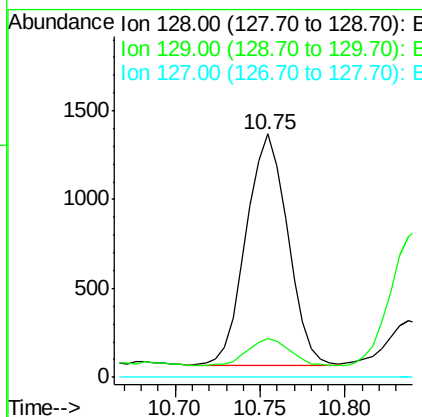
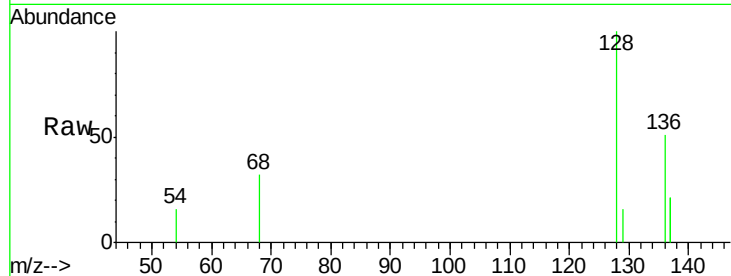
ClientSampleId :

C0AA3

Tgt Ion:	128	Resp:	2205
Ion Ratio	Lower	Upper	
128	100		
129	16.2	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.101 ng/ul

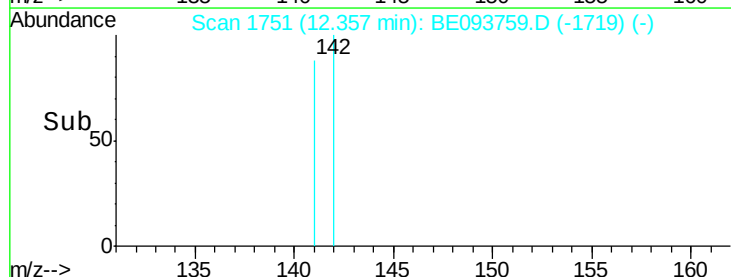
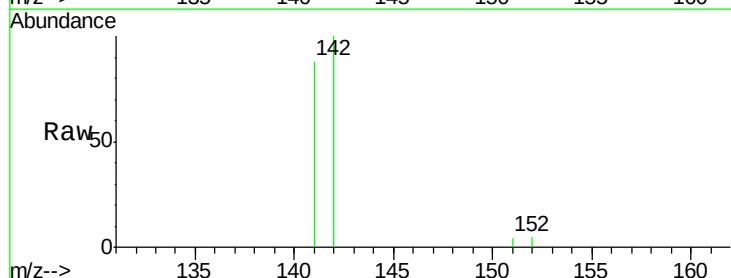
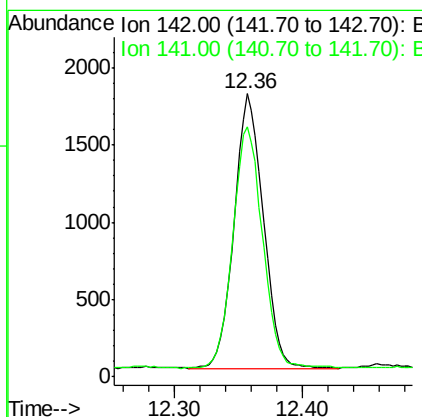
RT: 12.36 min Scan# 1751

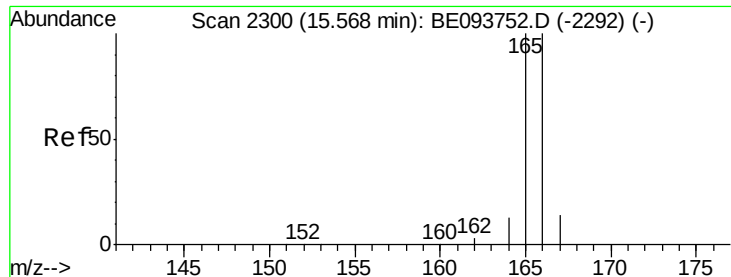
Delta R.T. -0.00 min

Lab File: BE093759.D

Acq: 10 Aug 2017 23:19

Tgt Ion:	142	Resp:	2796
Ion Ratio	Lower	Upper	
142	100		
141	90.6	72.6	108.8





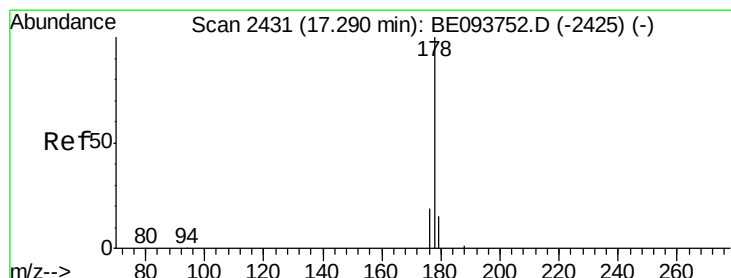
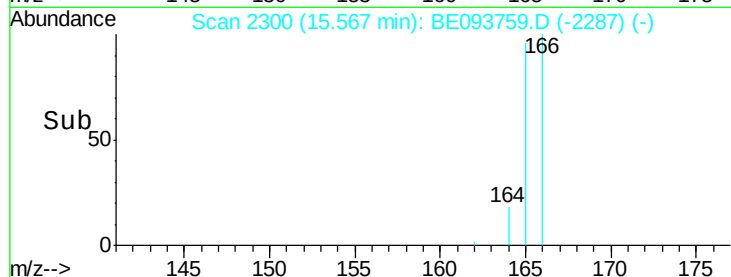
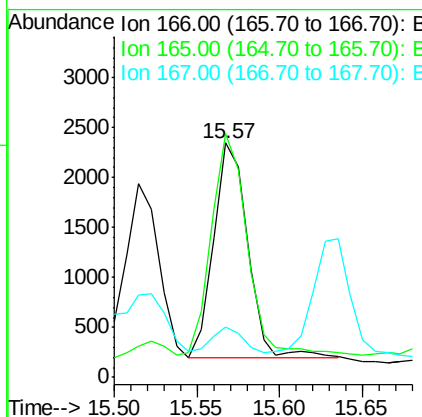
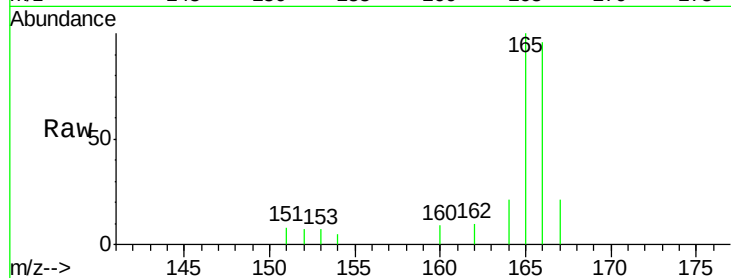
#9
Fluorene
 Concen: 0.072 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BE093759.D
 Acq: 10 Aug 2017 23:19

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.9	73.4	110.2
167	21.3	14.6	22.0

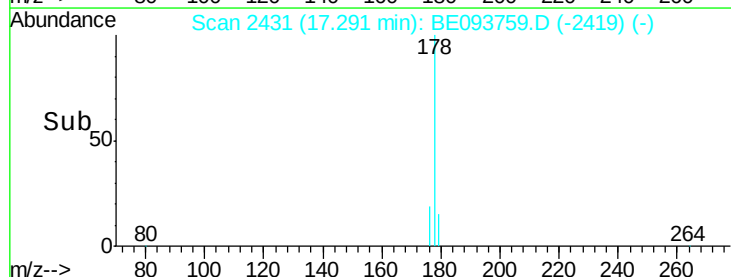
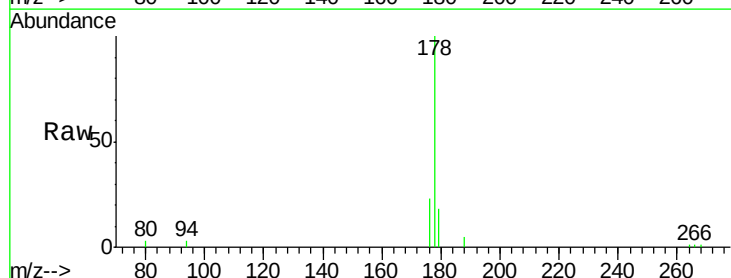
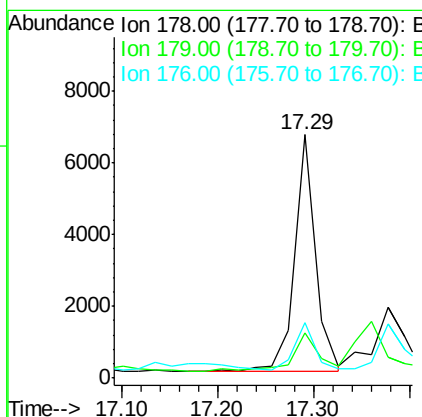
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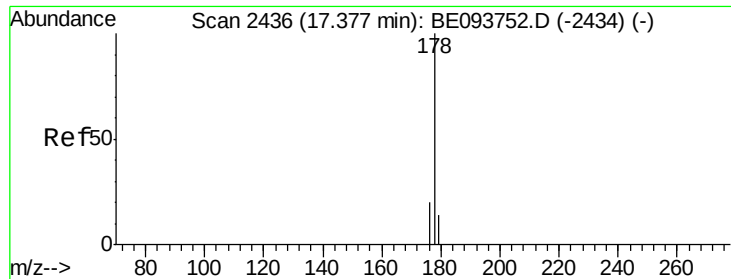
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#12
Phenanthrene
 Concen: 0.163 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE093759.D
 Acq: 10 Aug 2017 23:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.4	18.4	27.6#
176	22.7	13.6	20.4#





#13

Anthracene

Concen: 0.060 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE093759.D

Acq: 10 Aug 2017 23:19

Instrument :

BNA_E

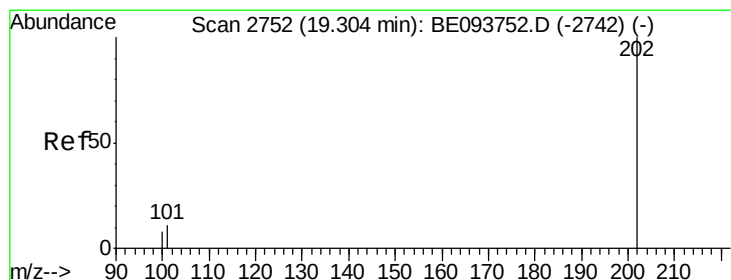
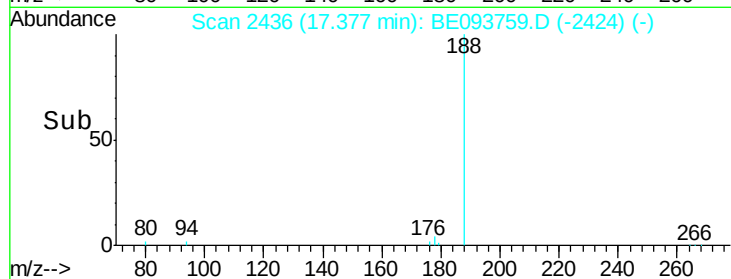
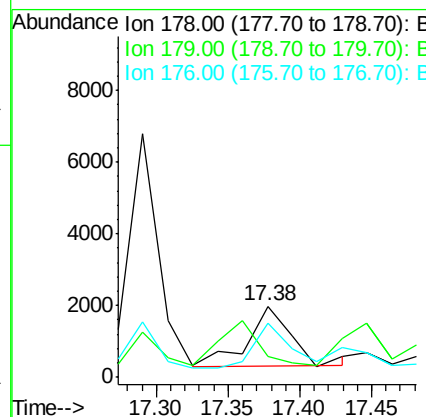
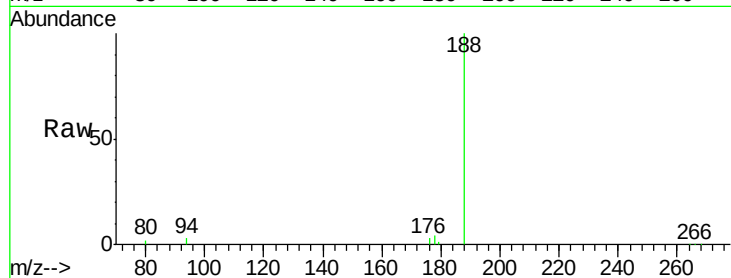
ClientSampleId :

C0AA3

Tgt Ion:	178	Resp:	3625
Ion Ratio	Lower	Upper	
178	100		
179	28.6	18.1	27.1#
176	75.7	14.7	22.1#

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#15

Fluoranthene

Concen: 0.067 ng/ul

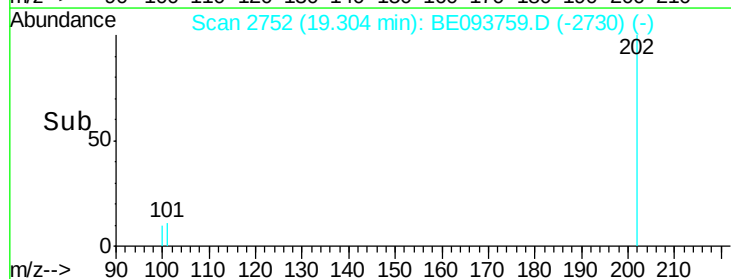
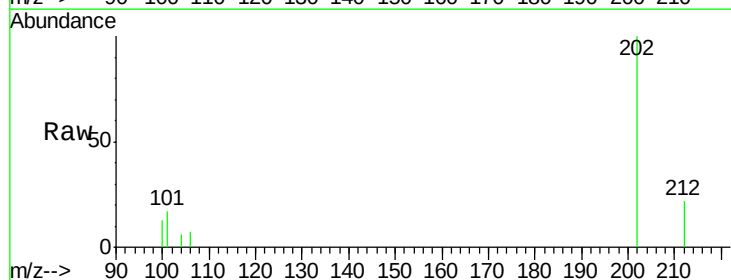
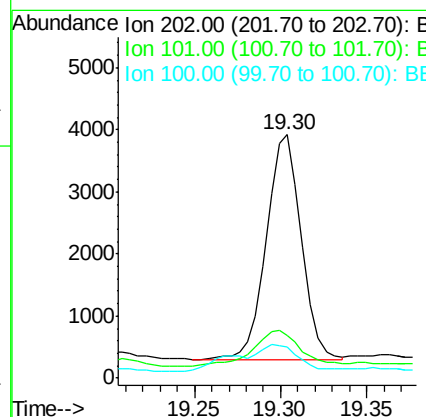
RT: 19.30 min Scan# 2752

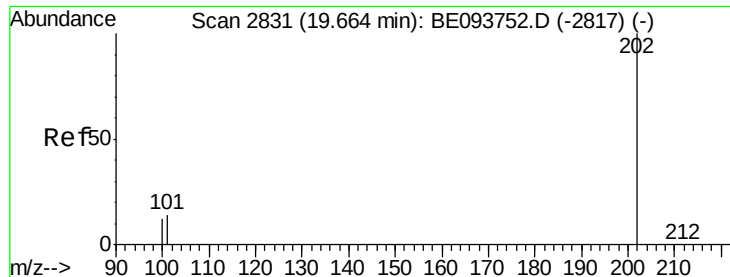
Delta R.T. 0.00 min

Lab File: BE093759.D

Acq: 10 Aug 2017 23:19

Tgt Ion:	202	Resp:	5121
Ion Ratio	Lower	Upper	
202	100		
101	17.4	0.0	30.3
100	12.7	0.0	39.5





#17

Pyrene

Concen: 0.164 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093759.D

Acq: 10 Aug 2017 23:19

Instrument :

BNA_E

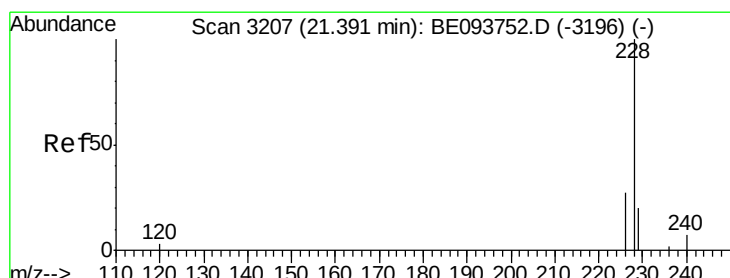
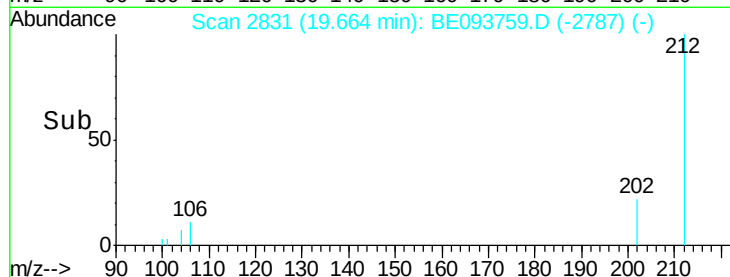
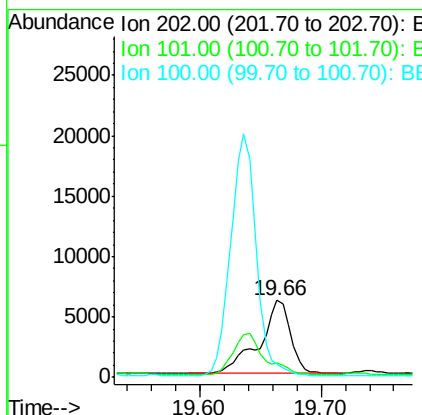
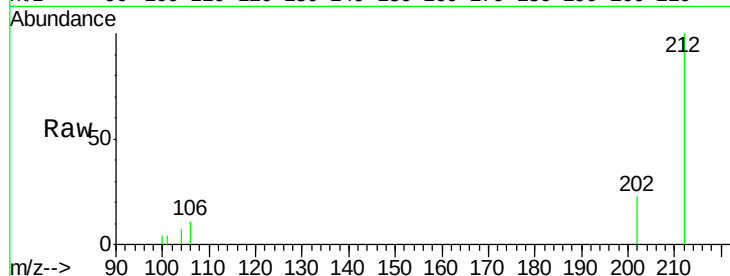
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.2	18.2	27.4#
100	16.6	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 0.044 ng/ul

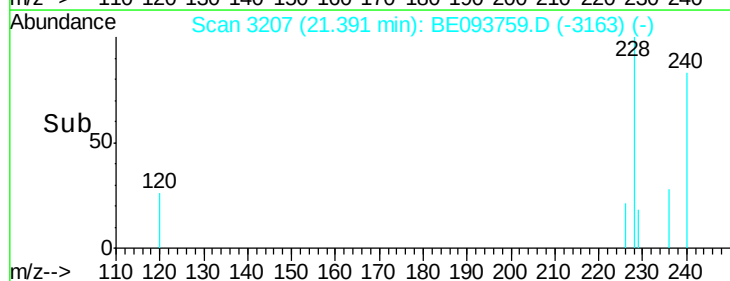
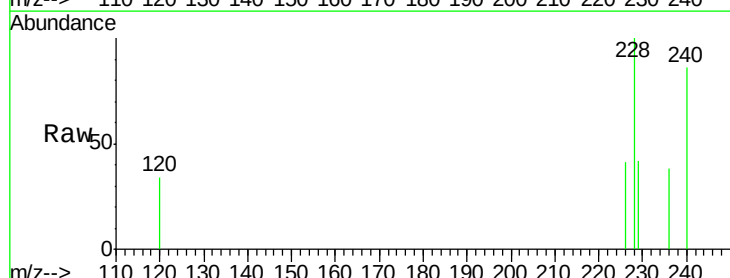
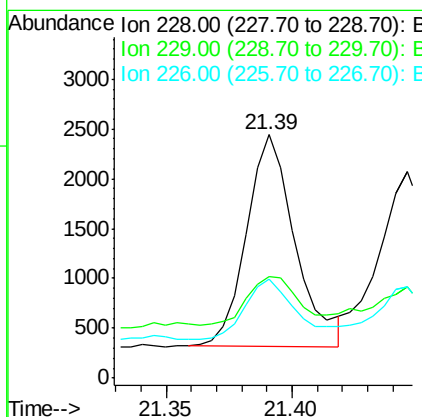
RT: 21.39 min Scan# 3207

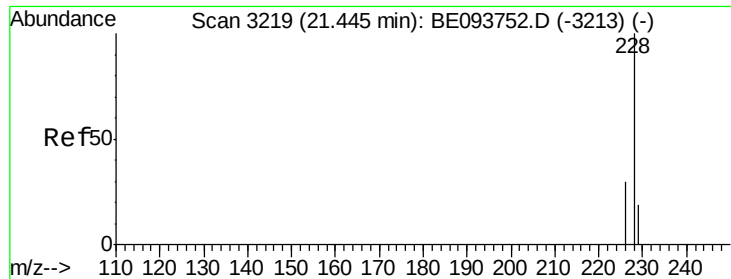
Delta R.T. 0.00 min

Lab File: BE093759.D

Acq: 10 Aug 2017 23:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	41.9	22.8	34.2#
226	40.9	17.0	25.6#





#19

Chrysene

Concen: 0.042 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BE093759.D

Acq: 10 Aug 2017 23:19

Instrument :

BNA_E

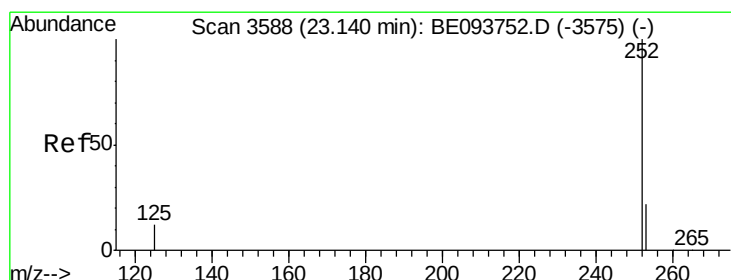
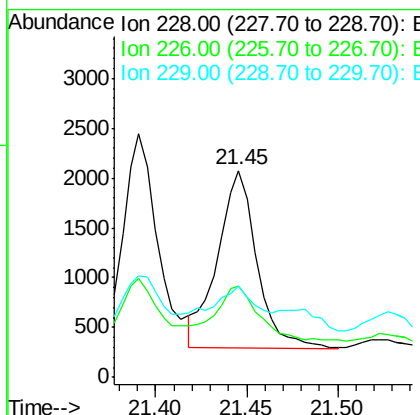
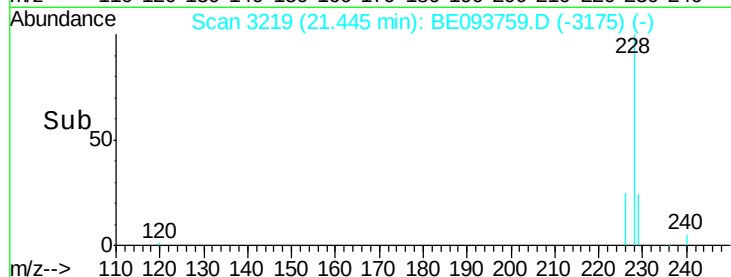
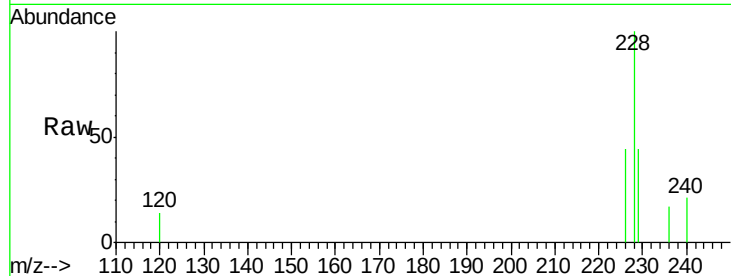
ClientSampleId :

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Tgt Ion:	228	Resp:	2653
Ion Ratio	Lower	Upper	
228	100		
226	44.3	23.4	35.0#
229	43.9	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.030 ng/ul

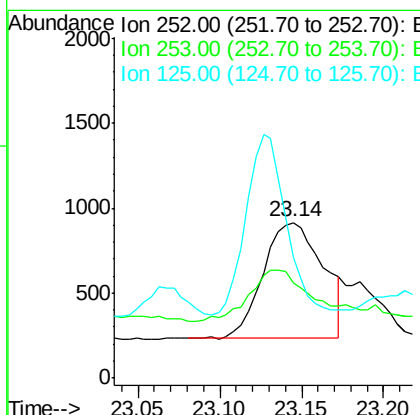
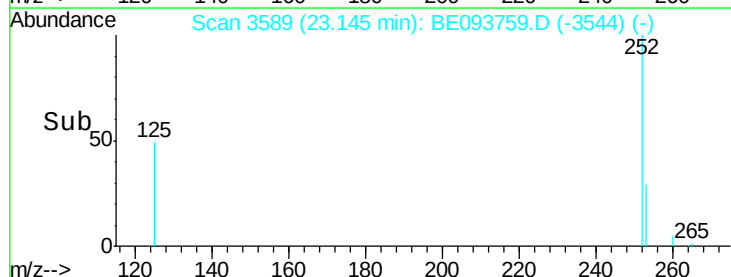
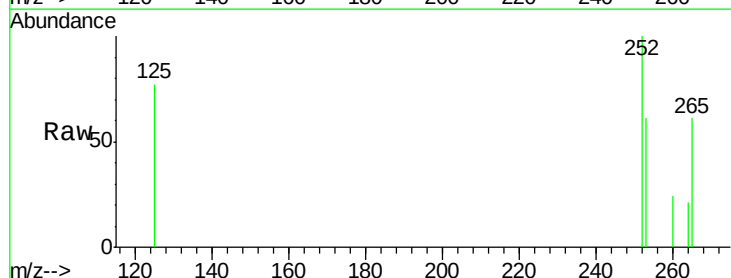
RT: 23.14 min Scan# 3589

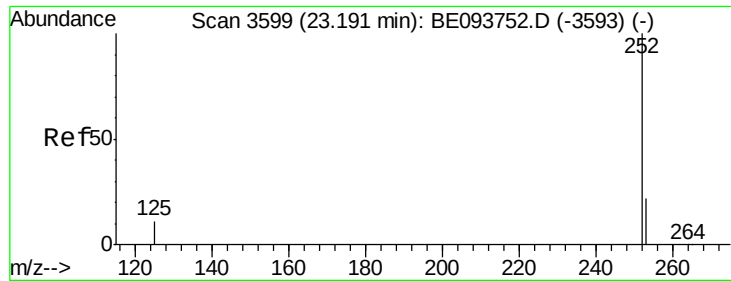
Delta R.T. 0.00 min

Lab File: BE093759.D

Acq: 10 Aug 2017 23:19

Tgt Ion:	252	Resp:	1736
Ion Ratio	Lower	Upper	
252	100		
253	60.8	0.0	64.2
125	77.2	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.031 ng/ul

RT: 23.14 min Scan# 3589

Delta R.T. -0.05 min

Lab File: BE093759.D

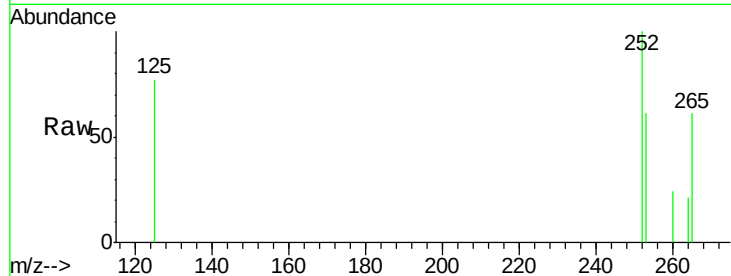
Acq: 10 Aug 2017 23:19

Instrument :

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ClientSampleId :

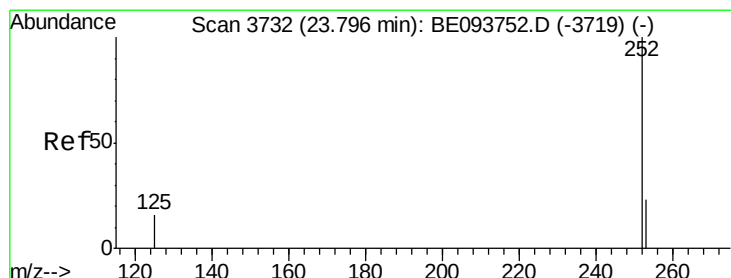
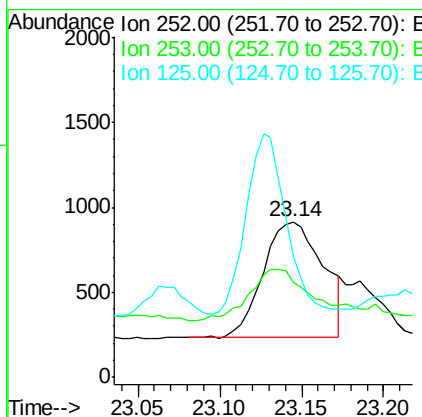
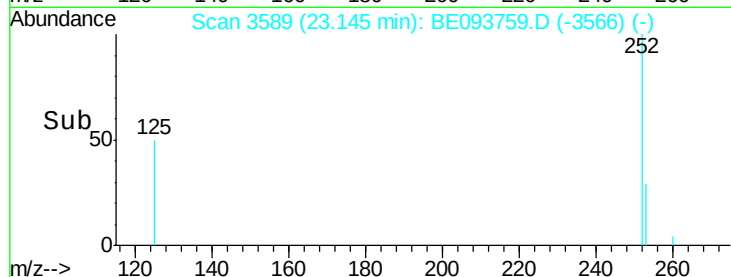
C0AA3



Tgt Ion:	252	Resp:	1736
Ion Ratio	Lower	Upper	
252	100		
253	60.8	24.5	36.7#
125	77.2	13.7	20.5#

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#23

Benzo(a)pyrene

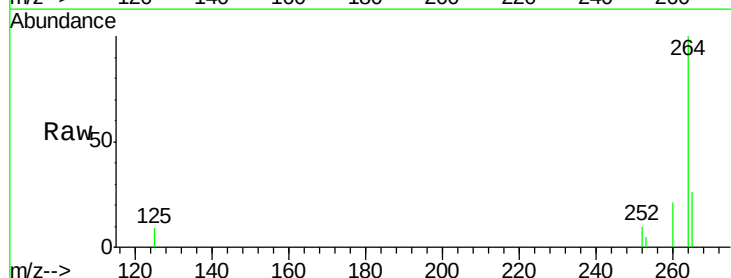
Concen: 0.038 ng/ul m

RT: 23.80 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE093759.D

Acq: 10 Aug 2017 23:19



Tgt Ion:	252	Resp:	2098
Ion Ratio	Lower	Upper	
252	100		
253	52.7	28.5	42.7#
125	84.9	18.1	27.1#

