

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093746.D
 Acq On : 10 Aug 2017 13:26
 Operator : SJ/JU
 Sample : I4455-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Manual Integrations
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Quant Time: Aug 11 17:57:30 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	2995	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	15358	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	9213	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20374	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	21011	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	23325	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3635	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	9400	0.15	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.29	178	1770	0.032	ng/ul#	94
15) Fluoranthene	19.30	202	3965	0.057	ng/ul	84
17) Pyrene	19.66	202	5438	0.089	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	2095	0.034	ng/ul#	87
19) Chrysene	21.45	228	2259m	0.039	ng/ul	
21) Benzo(b)fluoranthene	23.15	252	2725m	0.038	ng/ul	
23) Benzo(a)pyrene	23.80	252	1904	0.028	ng/ul#	56

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

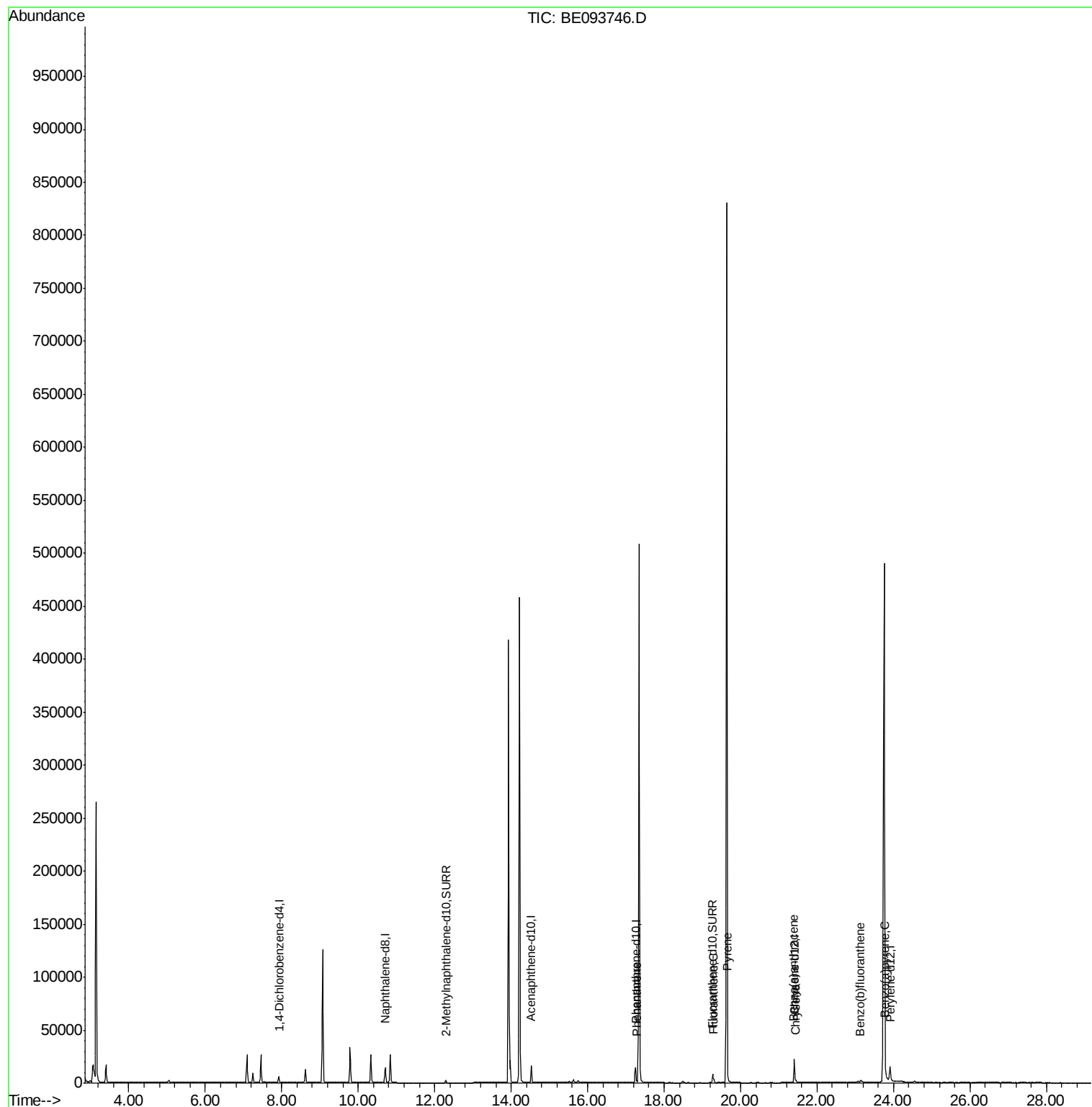
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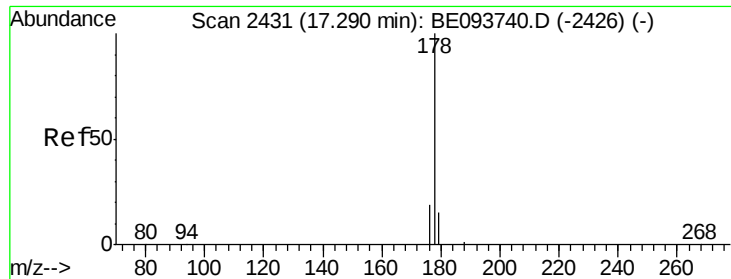
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#12

Phenanthrene

Concen: 0.032 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. 0.00 min

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Acq: 10 Aug 2017 13:26

Instrument :

BNA_E

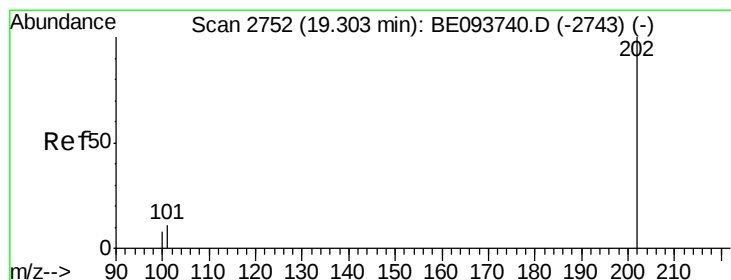
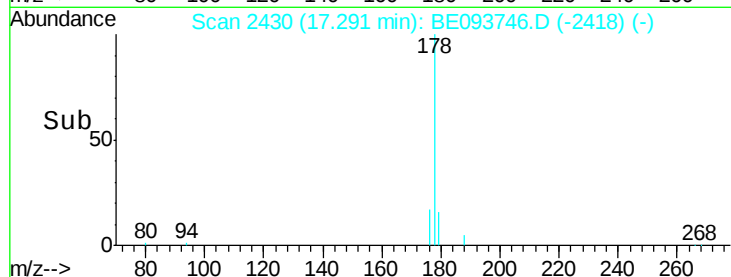
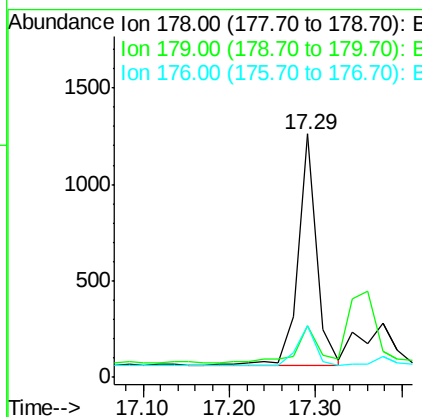
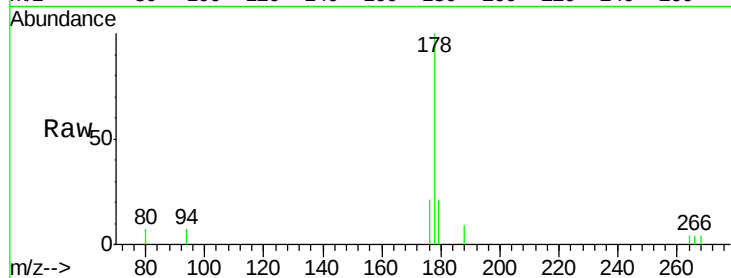
ClientSampleId :

C0AD9

Tgt Ion:	178	Resp:	1770
Ion Ratio	Lower	Upper	
178	100		
179	21.2	18.4	27.6
176	21.2	13.6	20.4#

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#15

Fluoranthene

Concen: 0.057 ng/ul

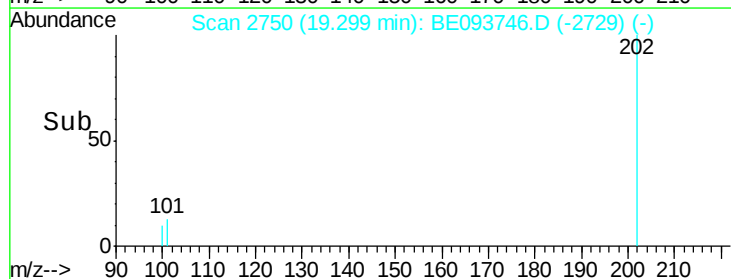
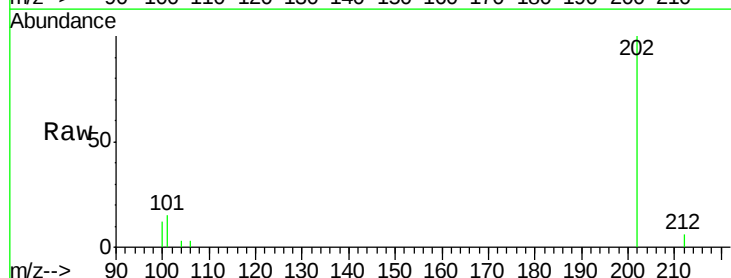
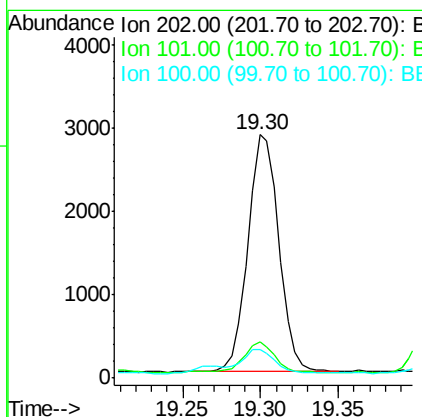
RT: 19.30 min Scan# 2750

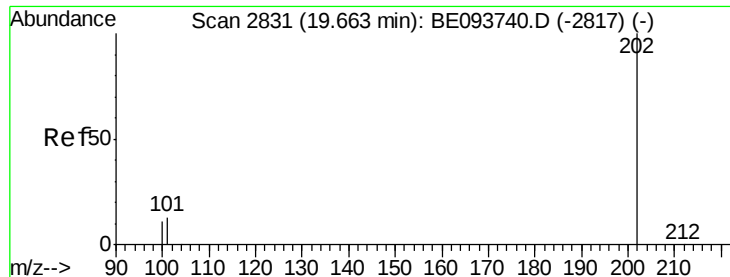
Delta R.T. -0.00 min

Lab File: BE093746.D

Acq: 10 Aug 2017 13:26

Tgt Ion:	202	Resp:	3965
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	30.3
100	11.7	0.0	39.5





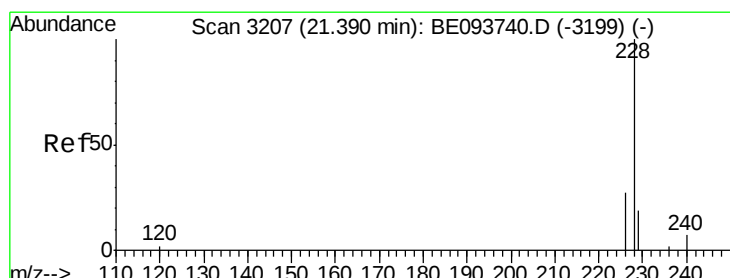
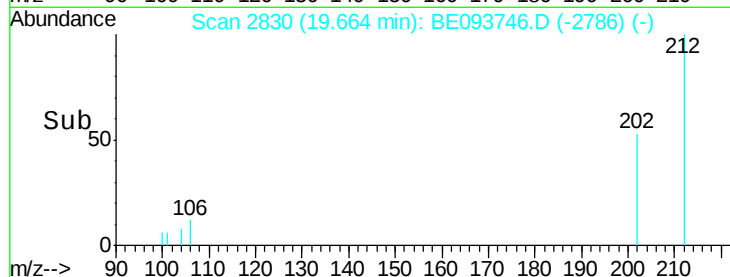
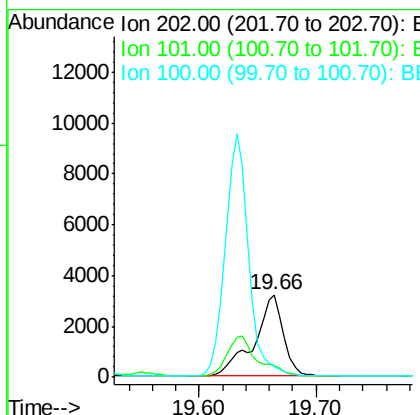
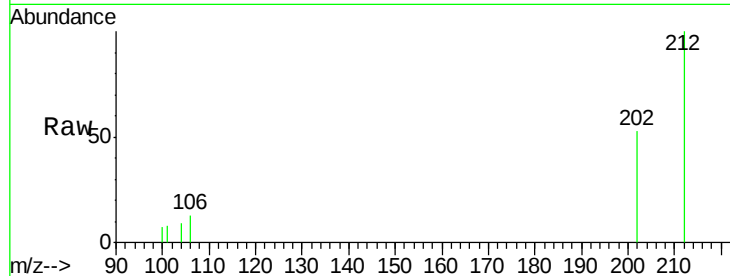
#17
Pyrene
 Concen: 0.089 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BE093746.D
 Acq: 10 Aug 2017 13:26

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	5438		
101	14.4	18.2	27.4#	
100	13.6	15.6	23.4#	

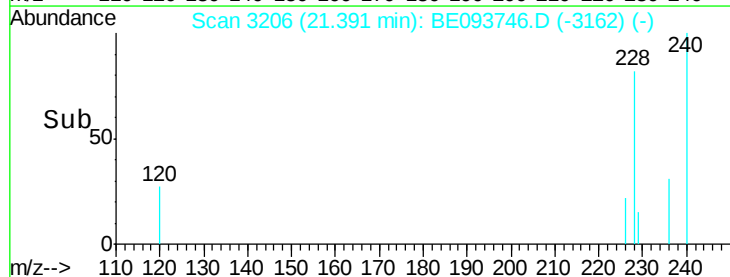
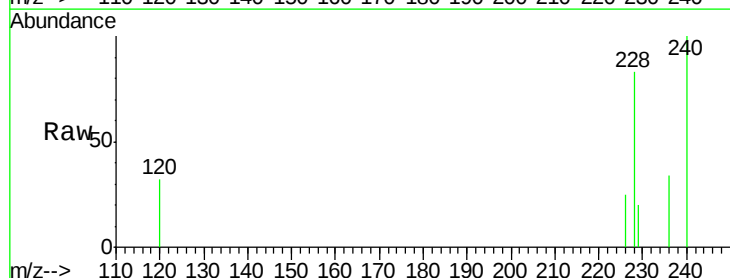
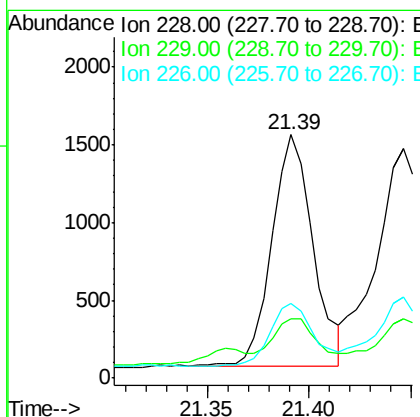
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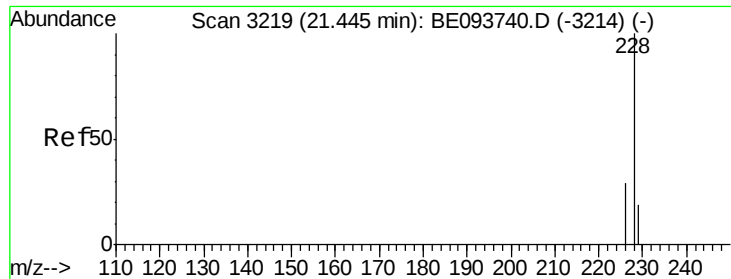
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#18
Benzo(a)anthracene
 Concen: 0.034 ng/ul
 RT: 21.39 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: BE093746.D
 Acq: 10 Aug 2017 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2095		
229	24.1	22.8	34.2	
226	30.7	17.0	25.6#	





#19

Chrysene

Concen: 0.039 ng/ul m

RT: 21.45 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BE093746.D

Acq: 10 Aug 2017 13:26

Instrument :

BNA_E

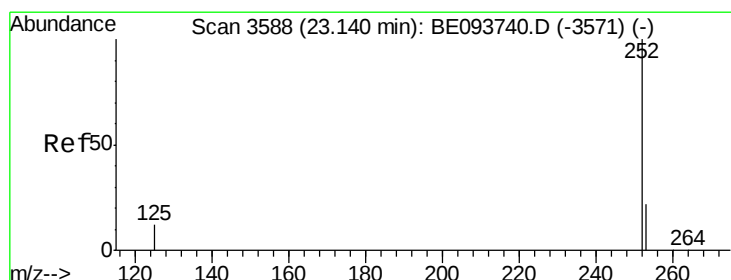
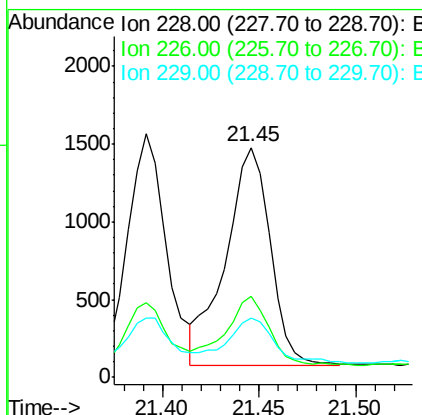
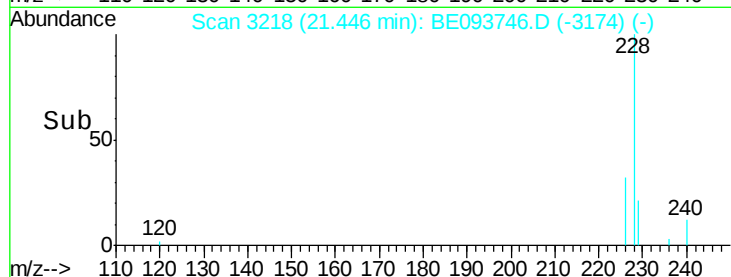
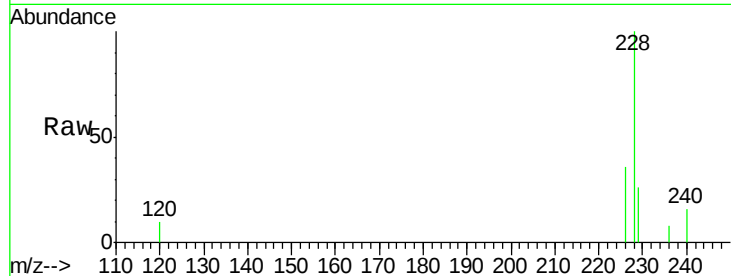
ClientSampleId :

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Tgt Ion:	228	Resp:	2259
Ion Ratio	Lower	Upper	
228	100		
226	35.5	23.4	35.0#
229	26.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.038 ng/ul m

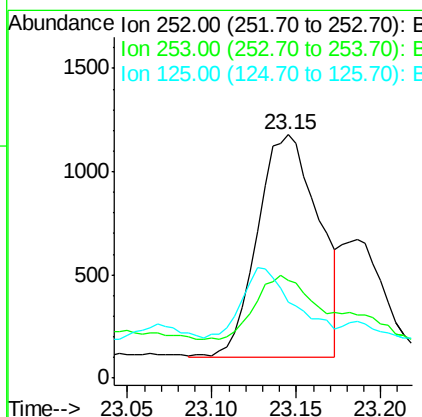
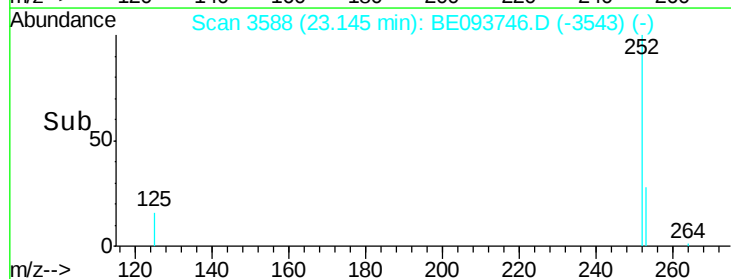
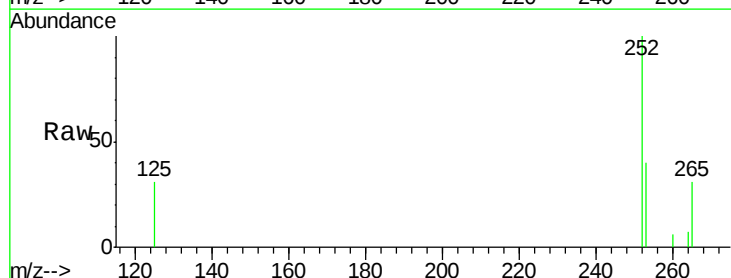
RT: 23.15 min Scan# 3588

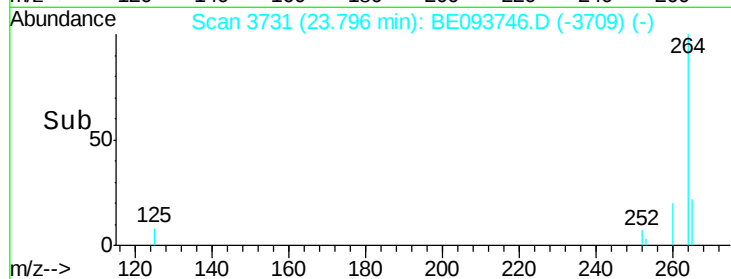
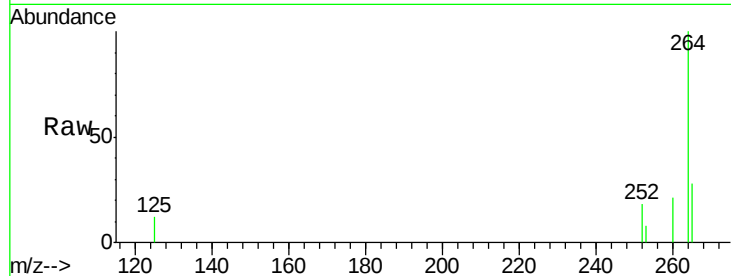
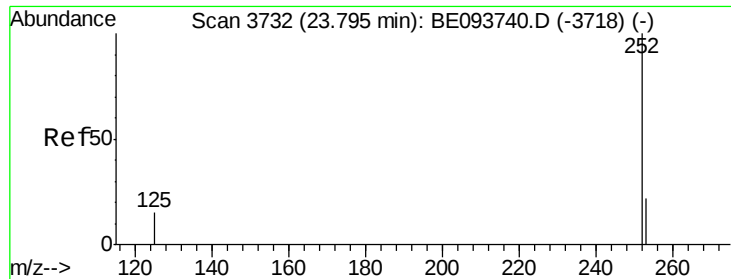
Delta R.T. 0.01 min

Lab File: BE093746.D

Acq: 10 Aug 2017 13:26

Tgt Ion:	252	Resp:	2725
Ion Ratio	Lower	Upper	
252	100		
253	40.3	0.0	64.2
125	31.5	0.0	35.0





#23

Benzo(a)pyrene

Concen: 0.028 ng/ul

RT: 23.80 min Scan# 3731

Delta R.T. 0.00 min

Lab File: BE093746.D

Acq: 10 Aug 2017 13:26

Instrument :

BNA_E

ClientSampleId :

C0AD9

Tgt Ion:	252	Resp:	1904
Ion Ratio	Lower	Upper	
252	100		
253	43.5	28.5	42.7#
125	67.0	18.1	27.1#

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