

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
 Data File : BE093743.D
 Acq On : 10 Aug 2017 11:32
 Operator : SJ/JU
 Sample : I4455-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF1

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Quant Time: Aug 11 17:52:50 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	2732	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13942	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8500	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19247	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	20292	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	21892	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3052	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	8450	0.14	ng/ul	0.00
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.36	142	2019	0.082	ng/ul	97
9) Fluorene	15.57	166	1987	0.056	ng/ul#	88
12) Phenanthrene	17.29	178	5853	0.112	ng/ul#	92
15) Fluoranthene	19.30	202	7092	0.108	ng/ul	85
17) Pyrene	19.66	202	9113	0.154	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	5163	0.088	ng/ul#	90
19) Chrysene	21.45	228	5011	0.089	ng/ul	94
21) Benzo(b)fluoranthene	23.14	252	6397m	0.094	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	2801m	0.042	ng/ul	
23) Benzo(a)pyrene	23.80	252	4837	0.075	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.54	276	3151	0.044	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.55	278	1205	0.020	ng/ul#	57
26) Benzo(g,h,i)perylene	27.36	276	2694	0.045	ng/ul#	91

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

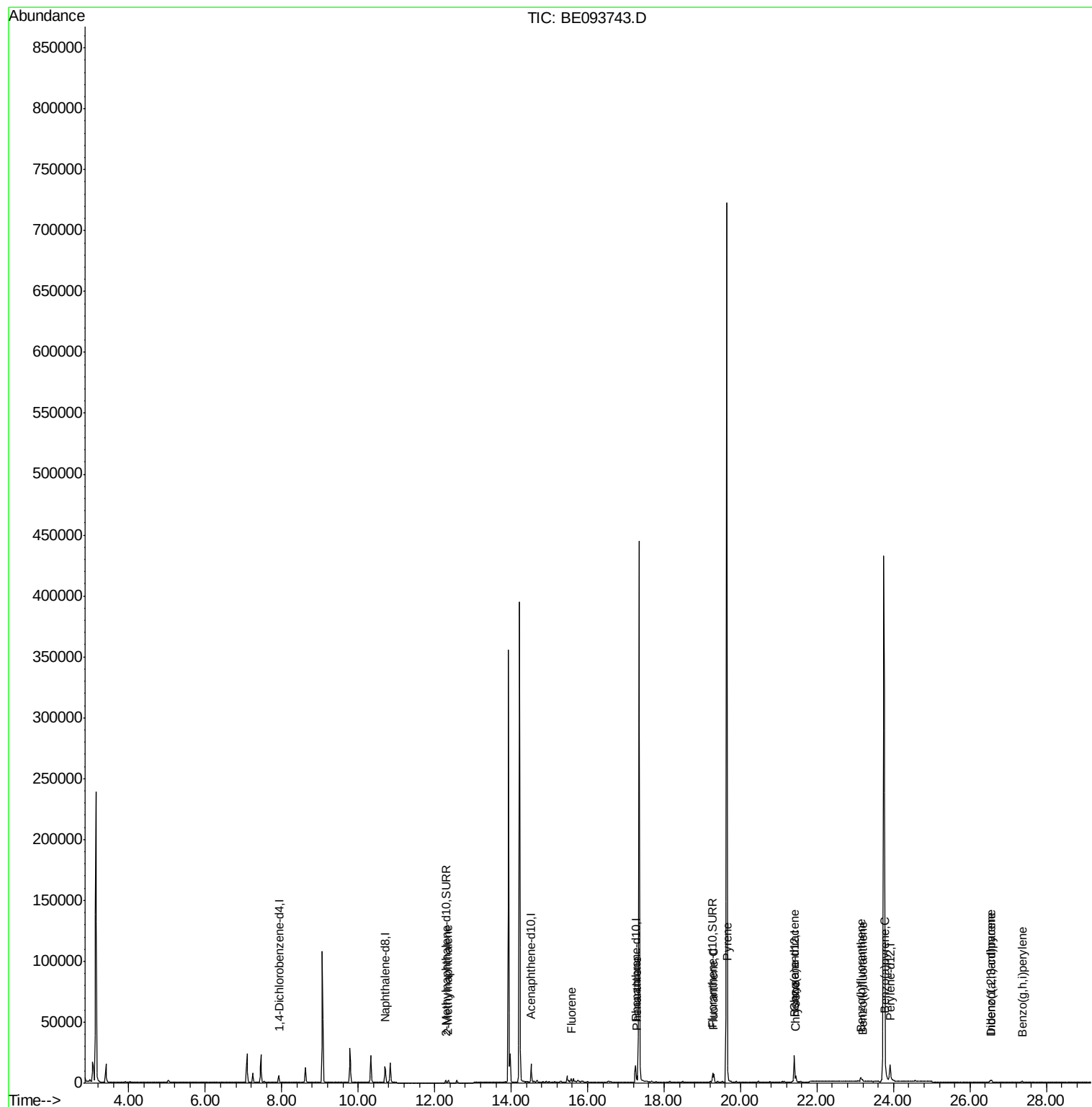
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081017\
Data File : BE093743.D
Acq On : 10 Aug 2017 11:32
Operator : SJ/JU
Sample : I4455-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

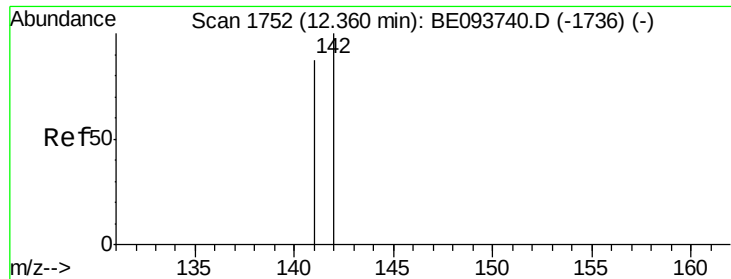
Instrument :
BNA_E
ClientSampleId :
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Quant Time: Aug 11 17:52:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 06:07:04 2017
Response via : Initial Calibration





#5

2-Methylnaphthalene

Concen: 0.082 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093743.D

Acq: 10 Aug 2017 11:32

Instrument :

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Tgt Ion:142 Resp: 2019

Ion Ratio Lower Upper

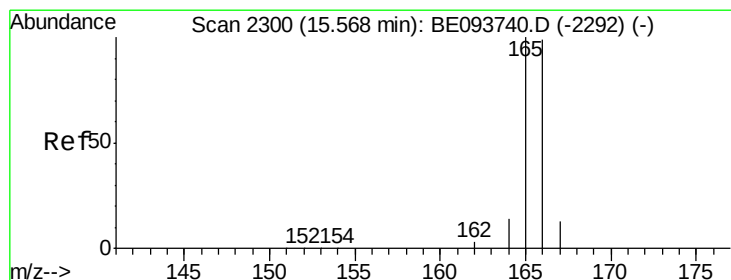
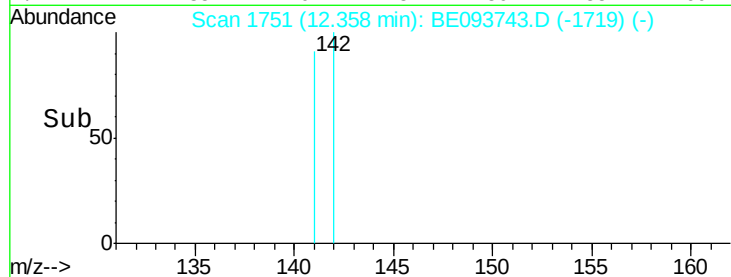
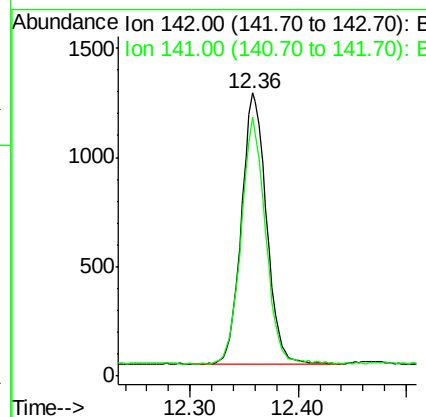
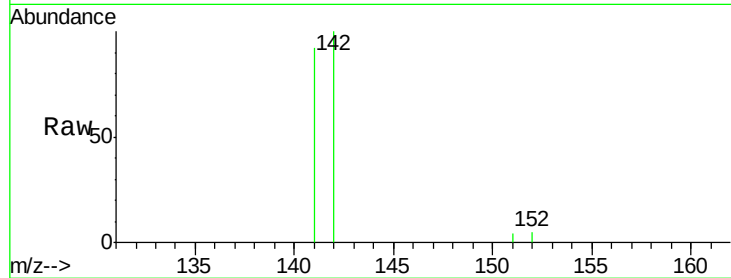
142 100

141 88.3 72.6 108.8

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#9

Fluorene

Concen: 0.056 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE093743.D

Acq: 10 Aug 2017 11:32

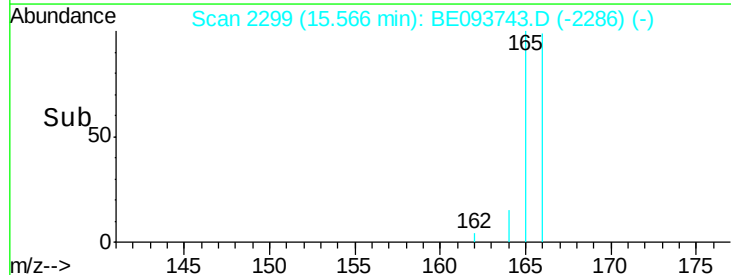
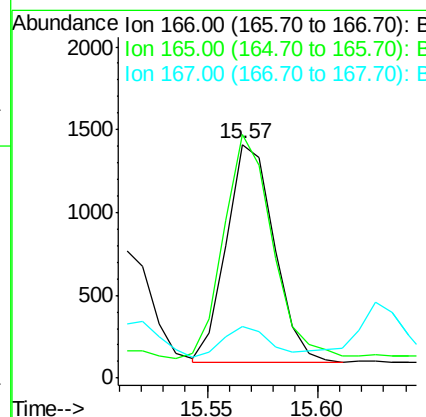
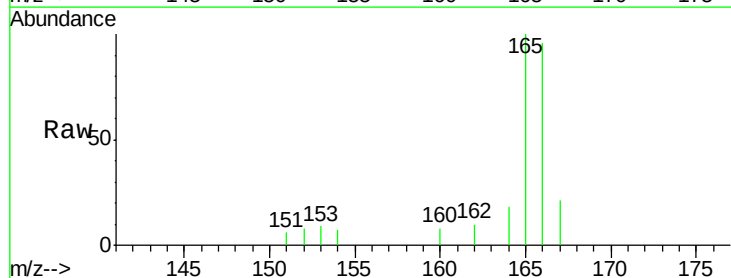
Tgt Ion:166 Resp: 1987

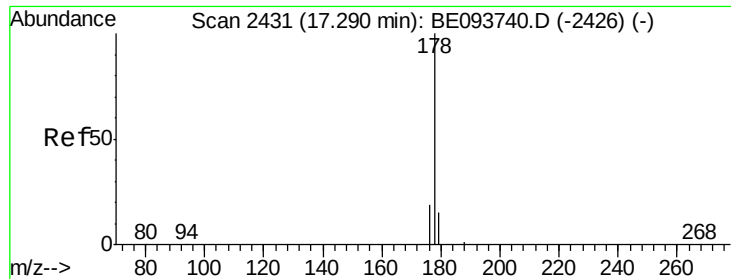
Ion Ratio Lower Upper

166 100

165 104.3 73.4 110.2

167 22.3 14.6 22.0#





#12

Phenanthrene

Concen: 0.112 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BE093743.D

Acq: 10 Aug 2017 11:32

Instrument :

BNA_E

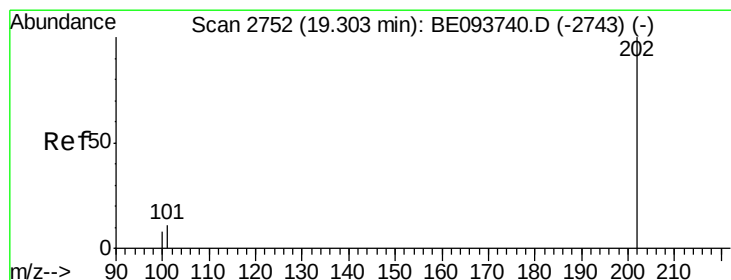
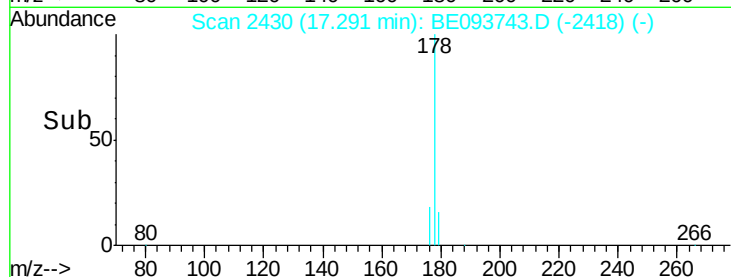
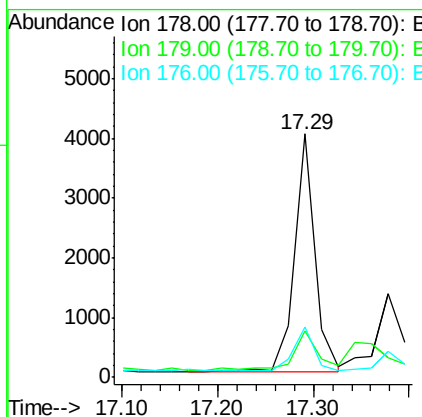
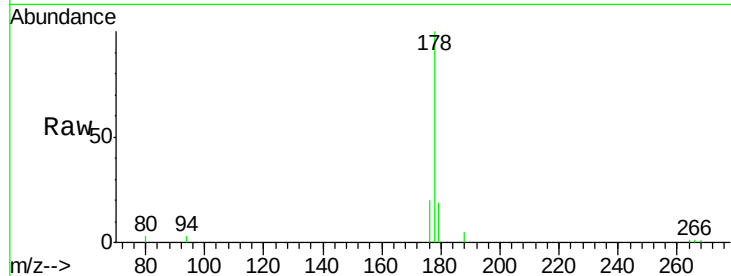
ClientSampled :

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Tgt Ion:	178	Resp:	5853
Ion Ratio	Lower	Upper	
178	100		
179	19.1	18.4	27.6
176	20.5	13.6	20.4#

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#15

Fluoranthene

Concen: 0.108 ng/ul

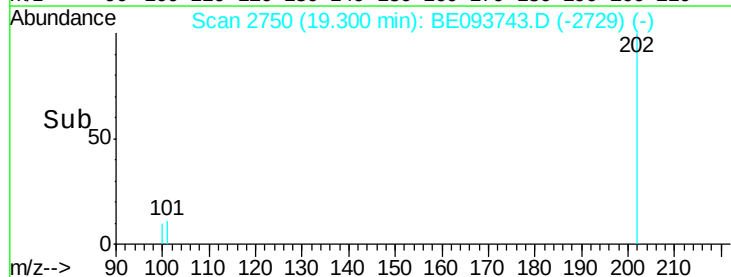
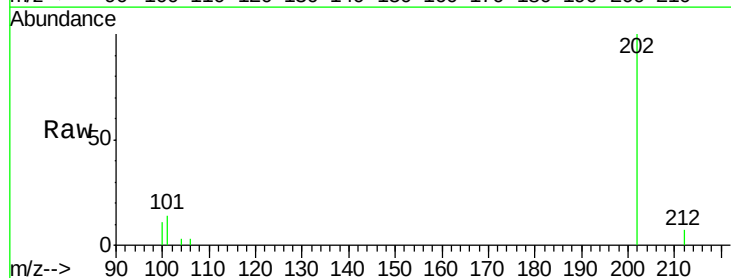
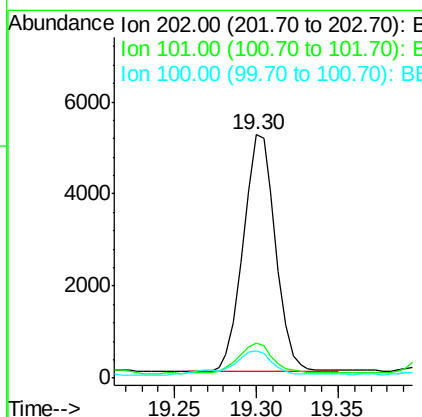
RT: 19.30 min Scan# 2750

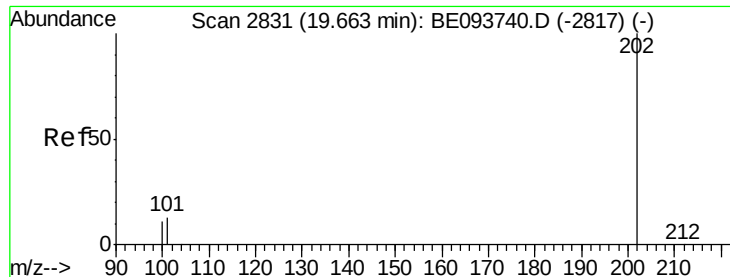
Delta R.T. -0.00 min

Lab File: BE093743.D

Acq: 10 Aug 2017 11:32

Tgt Ion:	202	Resp:	7092
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	30.3
100	11.3	0.0	39.5





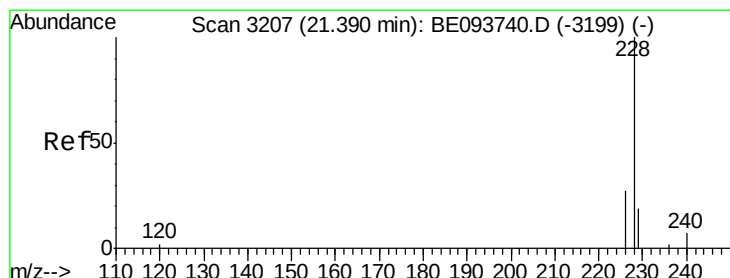
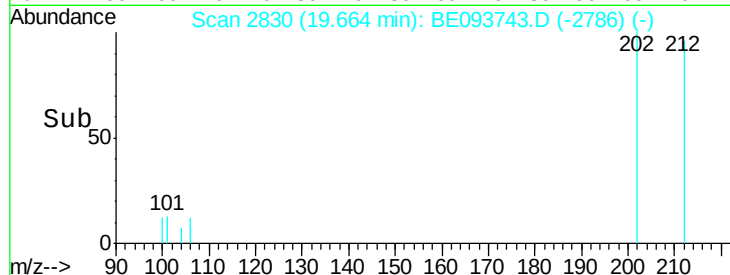
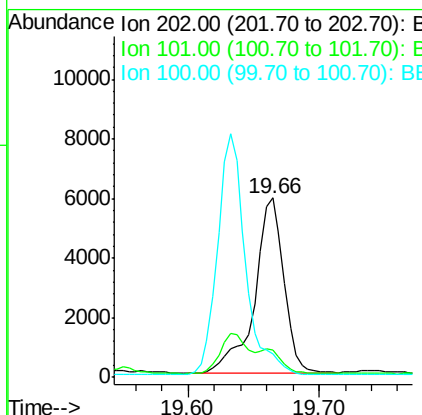
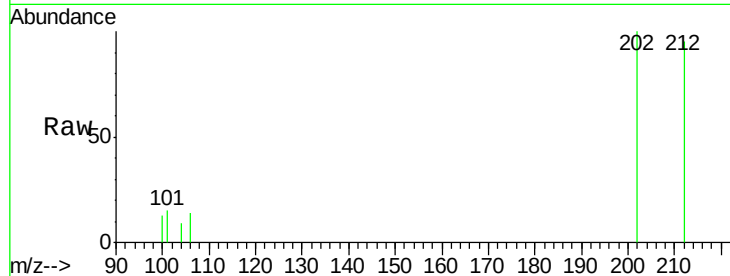
#17
Pyrene
 Concen: 0.154 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BE093743.D
 Acq: 10 Aug 2017 11:32

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.1	18.2	27.4#
100	13.3	15.6	23.4#

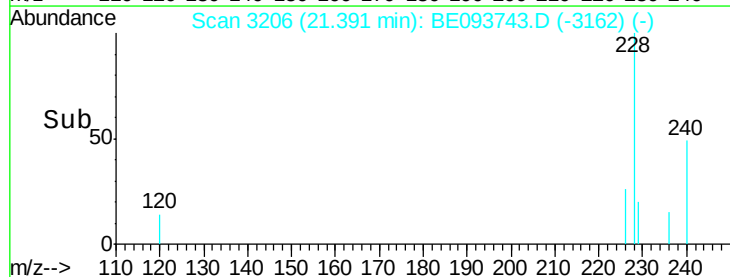
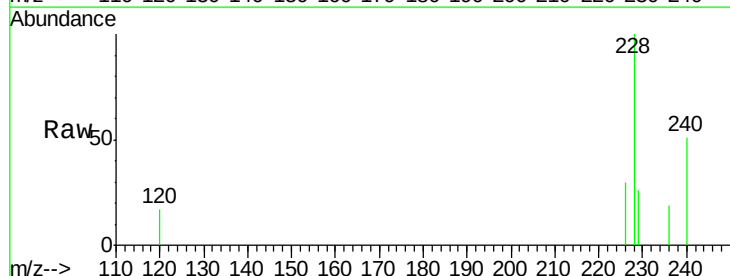
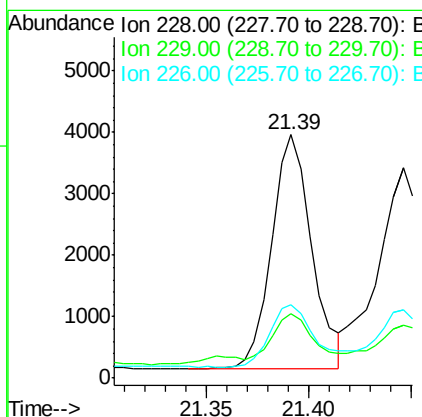
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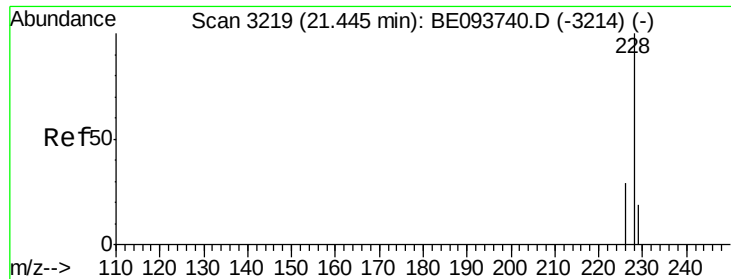
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#18
Benzo(a)anthracene
 Concen: 0.088 ng/ul
 RT: 21.39 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: BE093743.D
 Acq: 10 Aug 2017 11:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	26.3	22.8	34.2
226	30.0	17.0	25.6#





#19

Chrysene

Concen: 0.089 ng/ul

RT: 21.45 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BE093743.D

Acq: 10 Aug 2017 11:32

Instrument :

BNA_E

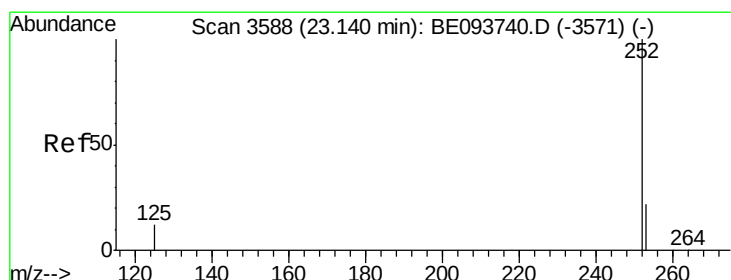
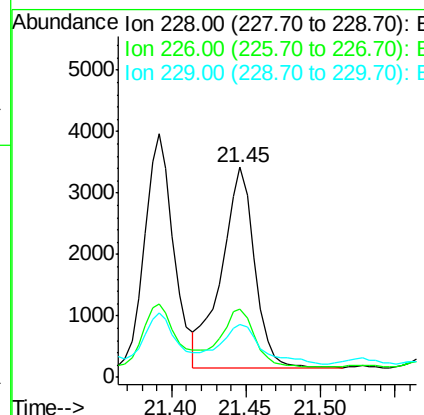
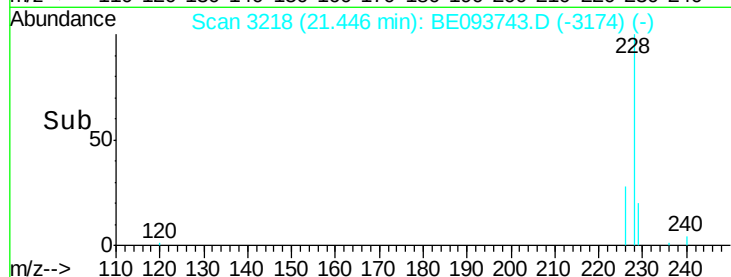
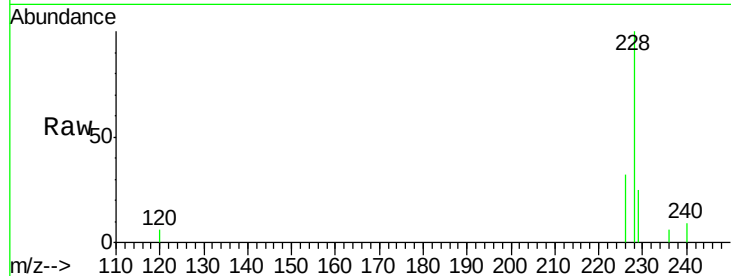
ClientSampled :

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Tgt Ion:	228	Resp:	5011
Ion Ratio	Lower	Upper	
228	100		
226	32.4	23.4	35.0
229	25.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.094 ng/ul m

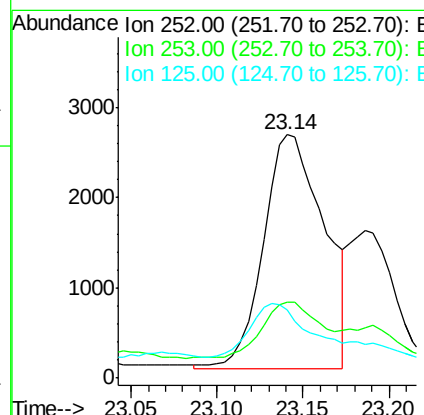
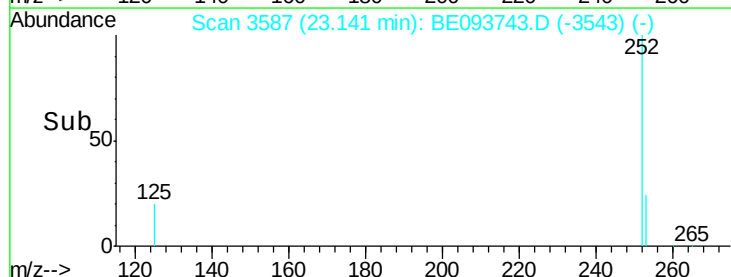
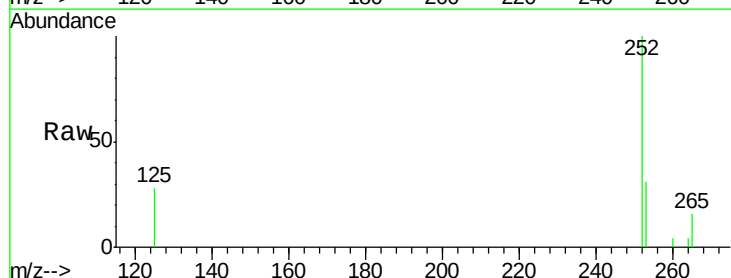
RT: 23.14 min Scan# 3587

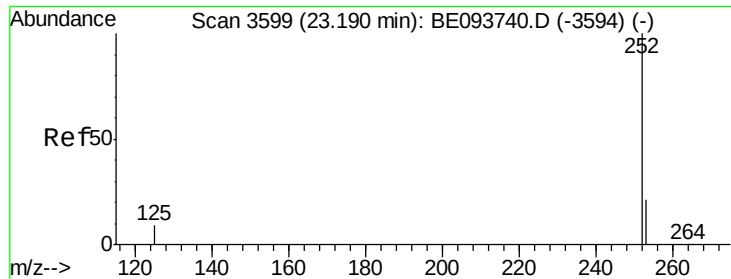
Delta R.T. 0.00 min

Lab File: BE093743.D

Acq: 10 Aug 2017 11:32

Tgt Ion:	252	Resp:	6397
Ion Ratio	Lower	Upper	
252	100		
253	31.2	0.0	64.2
125	27.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.042 ng/ul m

RT: 23.19 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE093743.D

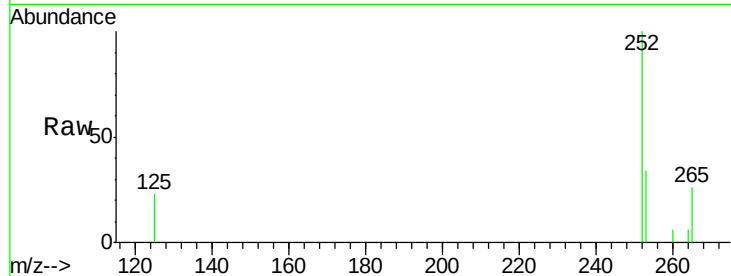
Acq: 10 Aug 2017 11:32

Instrument :

BNA_E

ClientSampleId :

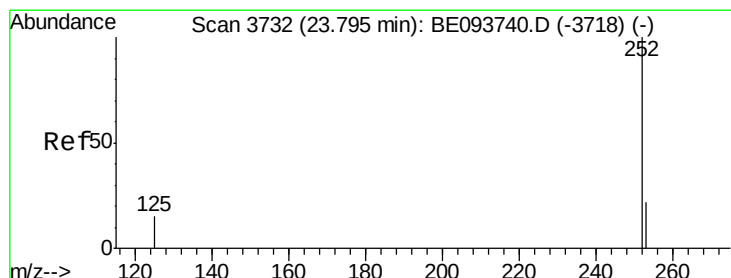
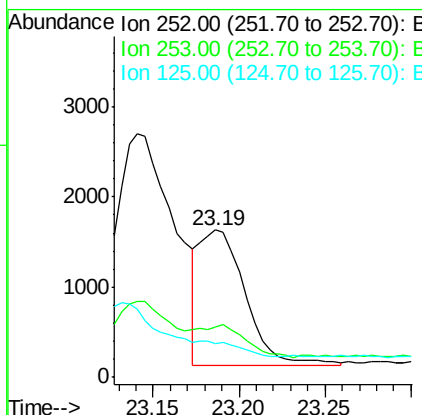
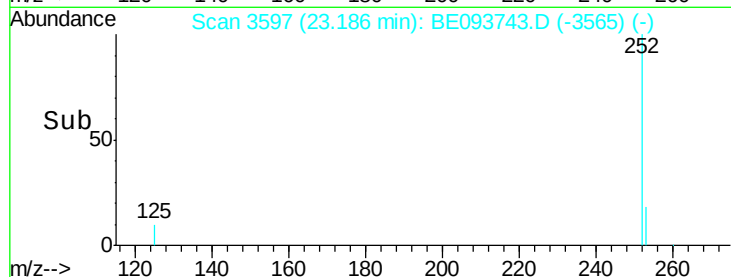
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Tgt Ion:	252	Resp:	2801
Ion Ratio	Lower	Upper	
252	100		
253	34.1	24.5	36.7
125	23.0	13.7	20.5#

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#23

Benzo(a)pyrene

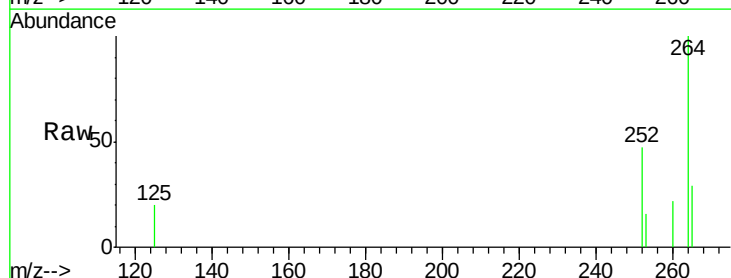
Concen: 0.075 ng/ul

RT: 23.80 min Scan# 3731

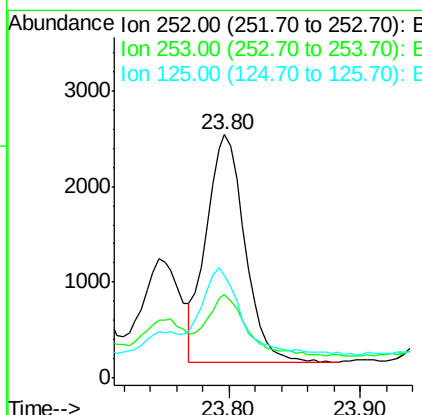
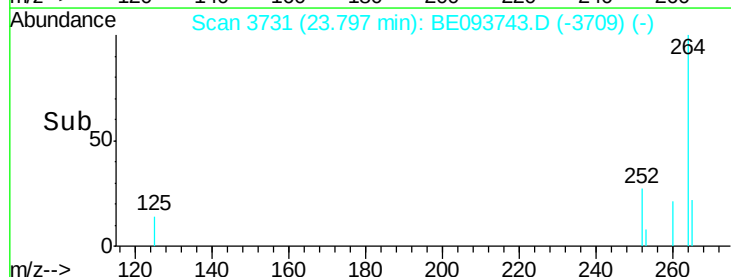
Delta R.T. 0.00 min

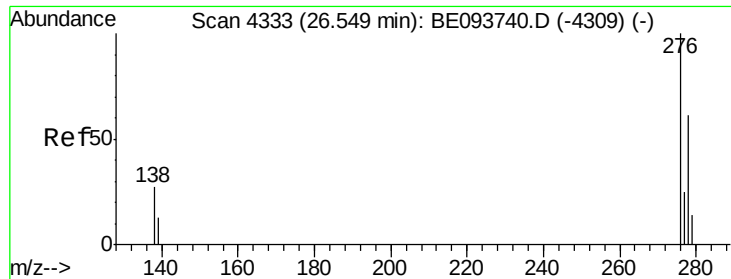
Lab File: BE093743.D

Acq: 10 Aug 2017 11:32



Tgt Ion:	252	Resp:	4837
Ion Ratio	Lower	Upper	
252	100		
253	34.1	28.5	42.7
125	42.2	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.044 ng/ul

RT: 26.54 min Scan# 4330

Delta R.T. -0.01 min

Lab File: BE093743.D

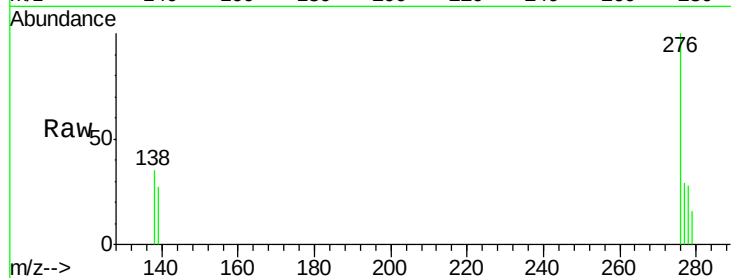
Acq: 10 Aug 2017 11:32

Instrument :

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ClientSampleId :

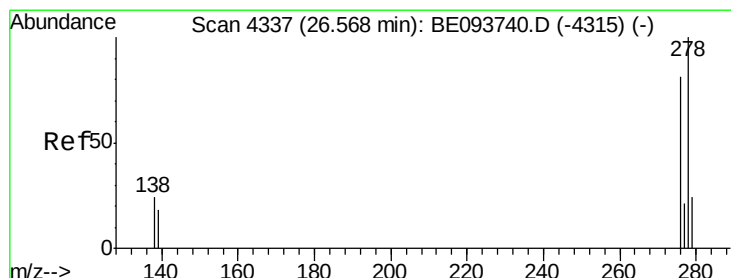
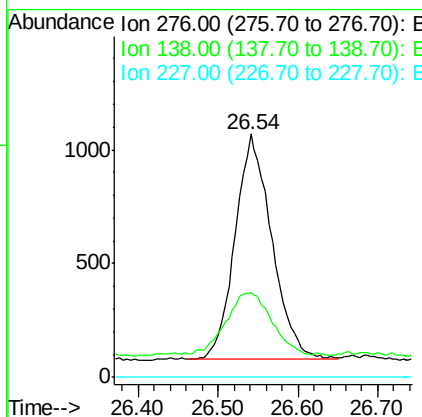
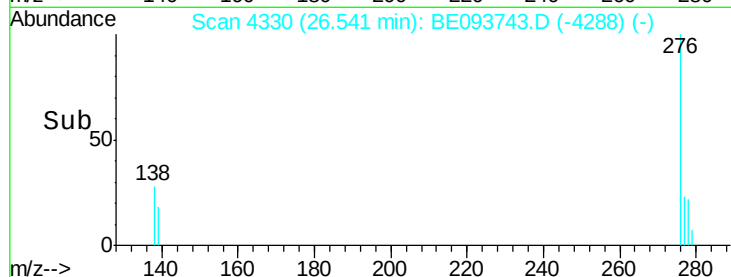
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Tgt Ion:	276	Resp:	3151
Ion Ratio	Lower	Upper	
276	100		
138	34.3	28.0	42.0
227	0.0	8.0	12.0

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#25

Dibenzo(a,h)anthracene

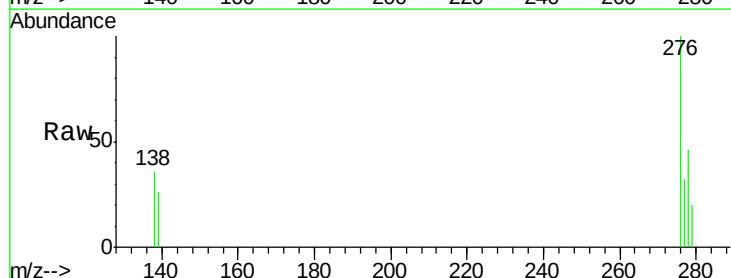
Concen: 0.020 ng/ul

RT: 26.55 min Scan# 4333

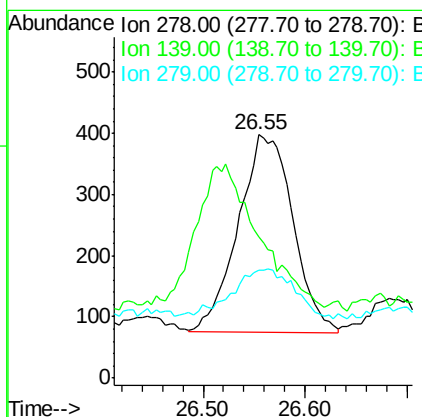
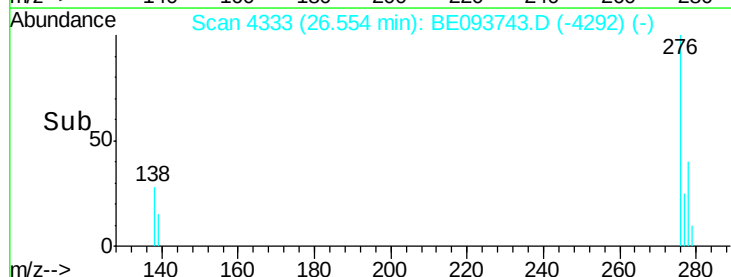
Delta R.T. -0.01 min

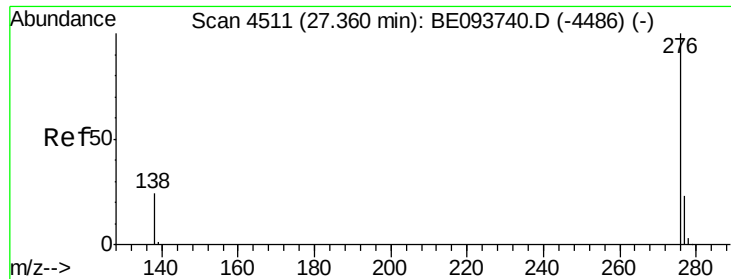
Lab File: BE093743.D

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Tgt Ion:	278	Resp:	1205
Ion Ratio	Lower	Upper	
278	100		
139	57.8	17.4	26.0
279	44.5	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 0.045 ng/ul
 RT: 27.36 min Scan# 4510
 Delta R.T. -0.00 min
 Lab File: BE093743.D
 Acq: 10 Aug 2017 11:32

Instrument :
 BNA_E
 ClientSampleId :
 C0AF1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	21.8	32.8
277	30.9	20.5	30.7

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