

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
 Data File : BE093315.D
 Acq On : 21 Jun 2017 14:52
 Operator : SJ/JU
 Sample : I3627-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A45DL

Manual Integrations
 APPROVED

mohammad
 6/22/2017 11:48:48 AM

Quant Time: Jun 22 03:29:11 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 02:10:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1467	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8090	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5169	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12801	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12338	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11041	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	461	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1248	0.04	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.14	178	1965	0.06	ng/ul#	92
13) Anthracene	17.22	178	492m	0.02	ng/ul	
15) Fluoranthene	19.15	202	3337	0.08	ng/ul	85
17) Pyrene	19.51	202	3054	0.08	ng/ul	92
18) Benzo(a)anthracene	21.24	228	859	0.03	ng/ul#	85
19) Chrysene	21.29	228	989	0.03	ng/ul#	88
21) Benzo(b)fluoranthene	22.93	252	986m	0.03	ng/ul	

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

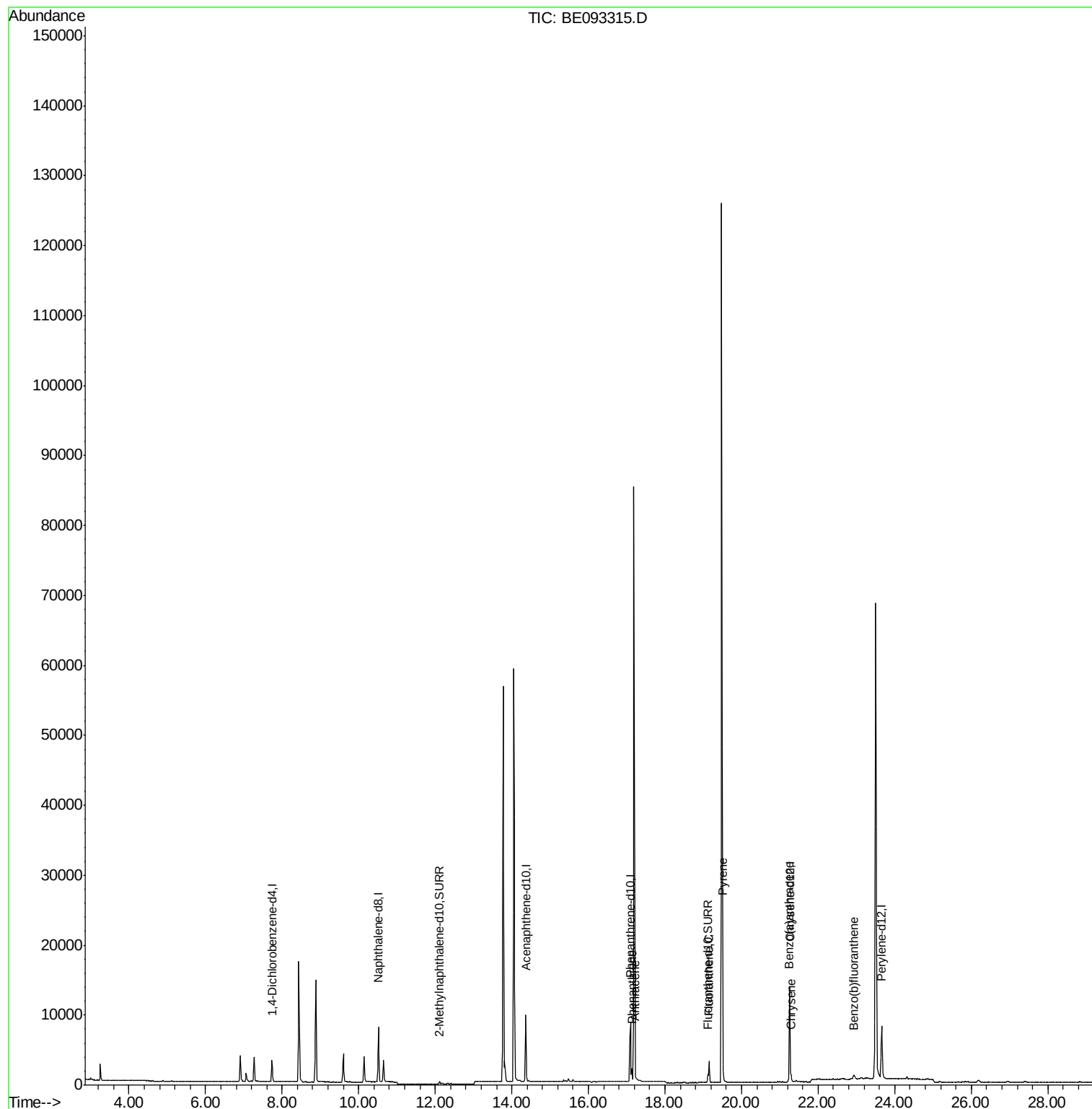
Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
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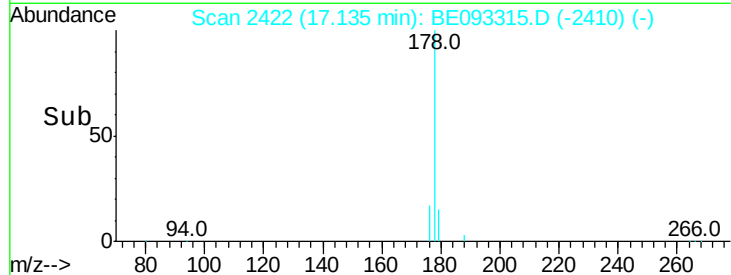
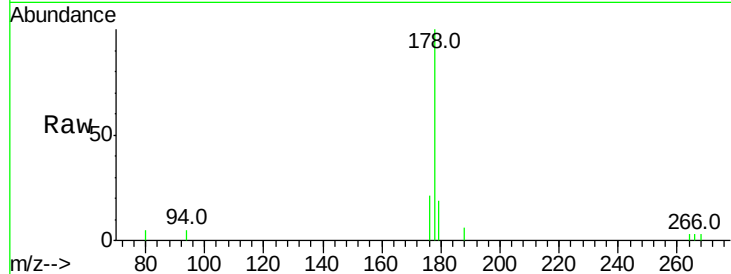
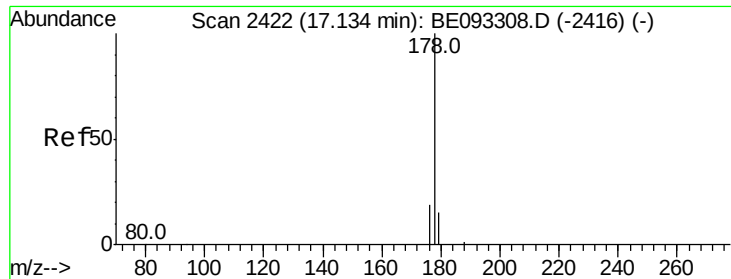
Instrument :
BNA_E
ClientSampleId :
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Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.06 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093315.D

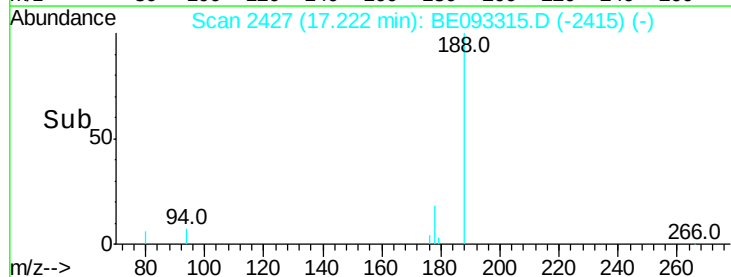
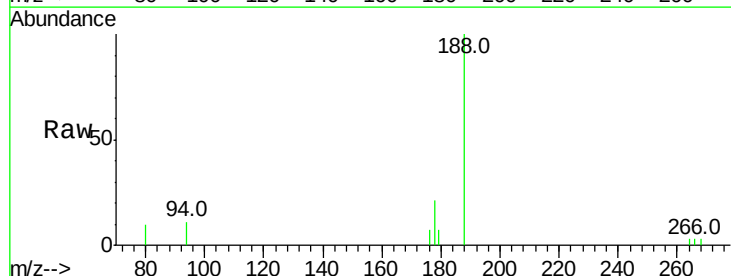
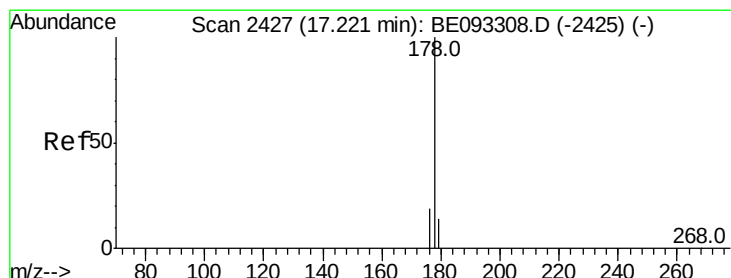
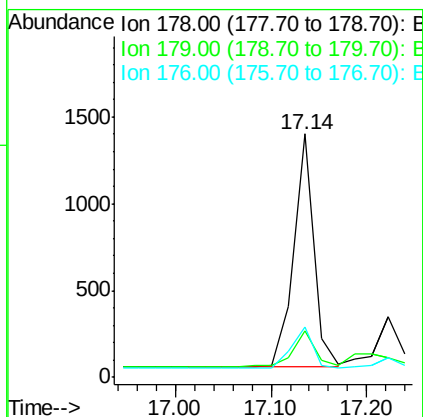
Acq: 21 Jun 2017 14:52

Instrument :
BNA_E
ClientSampleId :
F5A45DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.3	18.4	27.6
176	20.5	13.6	20.4

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#13

Anthracene

Concen: 0.02 ng/ul m

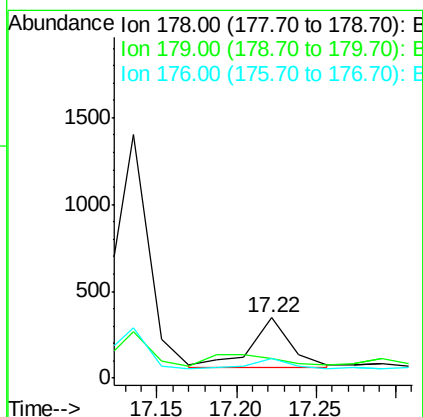
RT: 17.22 min Scan# 2427

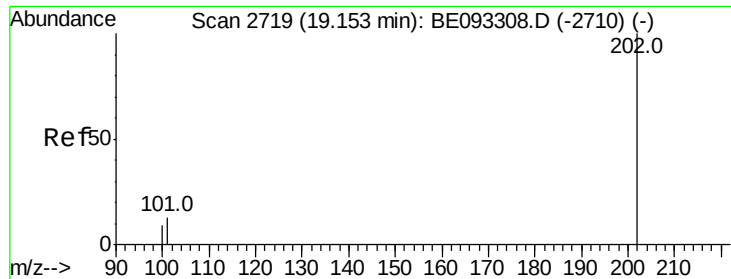
Delta R.T. 0.00 min

Lab File: BE093315.D

Acq: 21 Jun 2017 14:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	32.0	18.1	27.1
176	31.7	14.7	22.1





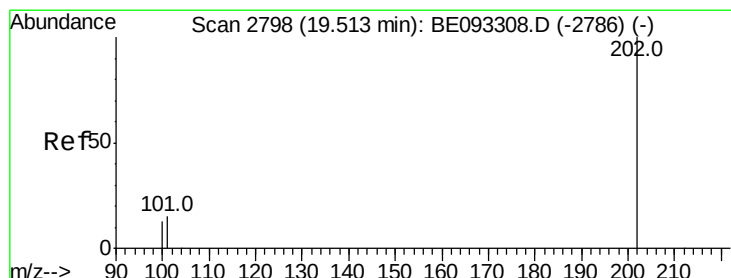
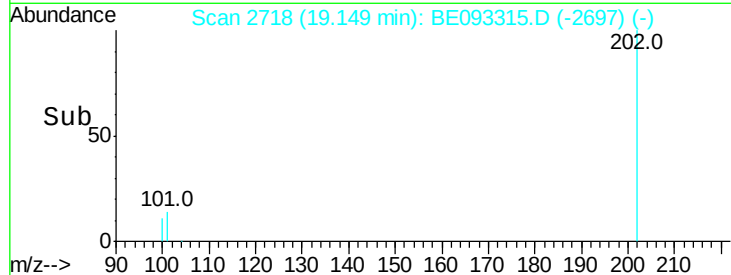
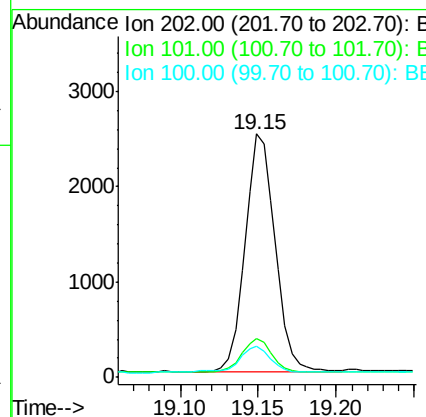
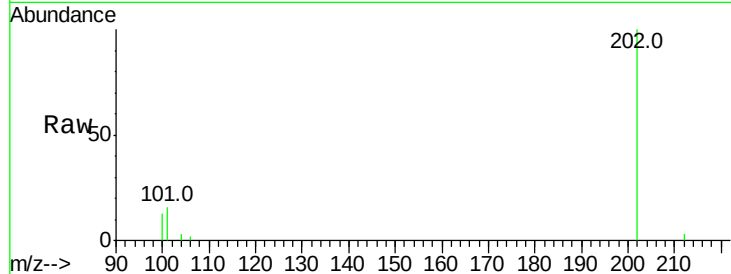
#15
Fluoranthene
Concen: 0.08 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BE093315.D
Acq: 21 Jun 2017 14:52

Instrument :
BNA_E
ClientSampleId :
F5A45DL

Tot Ion:	202	Resp:	3337
Ion Ratio	Lower	Upper	
202	100		
101	15.9	0.0	30.3
100	12.6	0.0	39.5

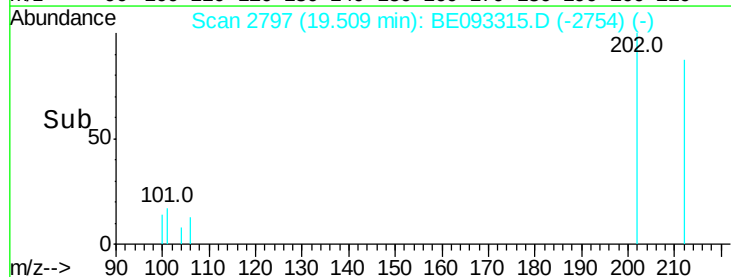
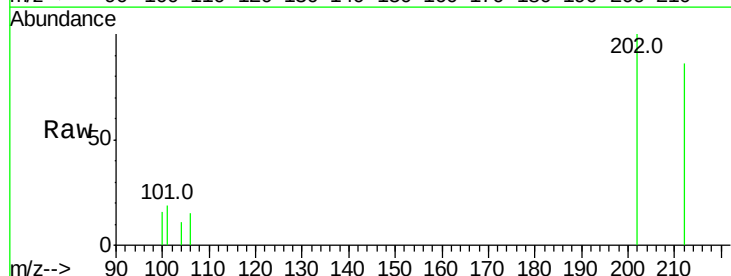
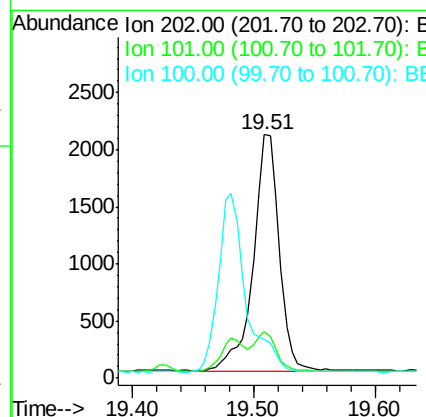
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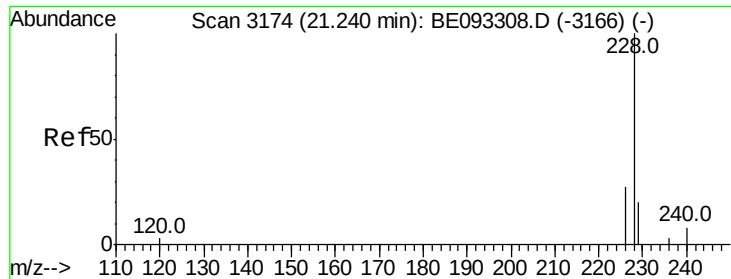
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#17
Pyrene
Concen: 0.08 ng/ul
RT: 19.51 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE093315.D
Acq: 21 Jun 2017 14:52

Tgt Ion:	202	Resp:	3054
Ion Ratio	Lower	Upper	
202	100		
101	19.1	18.2	27.4
100	15.7	15.6	23.4





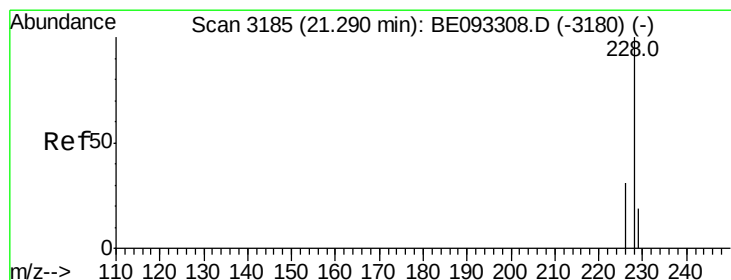
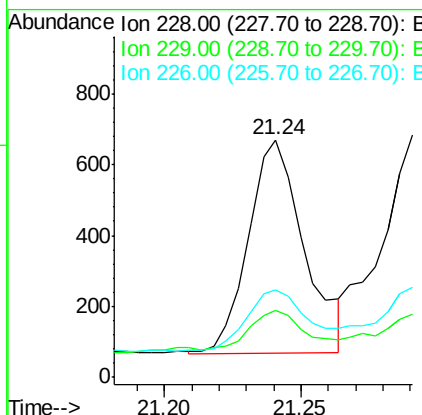
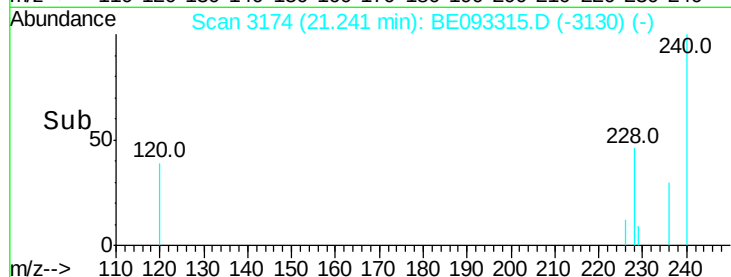
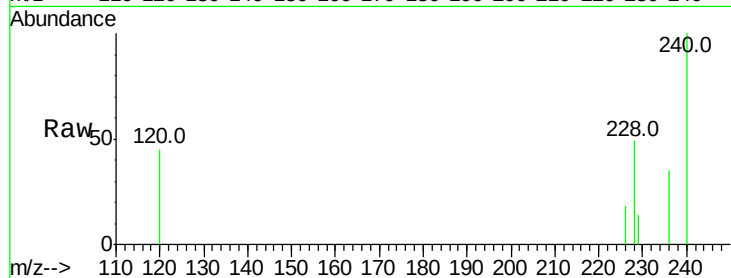
#18
Benzo(a)anthracene
Concen: 0.03 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093315.D
Acq: 21 Jun 2017 14:52

Instrument :
BNA_E
ClientSampleId :
F5A45DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	27.9	22.8	34.2
226	36.9	17.0	25.6

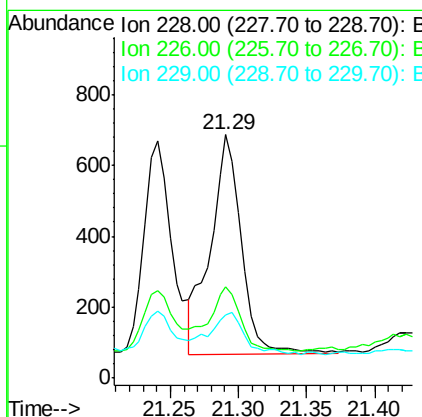
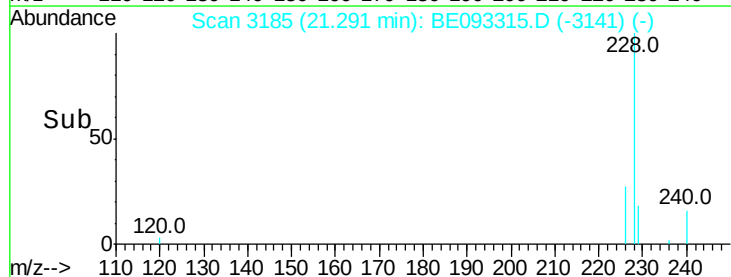
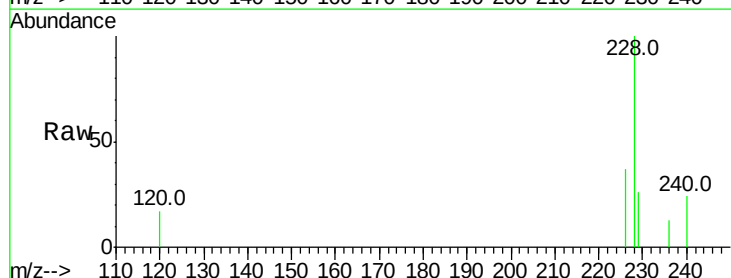
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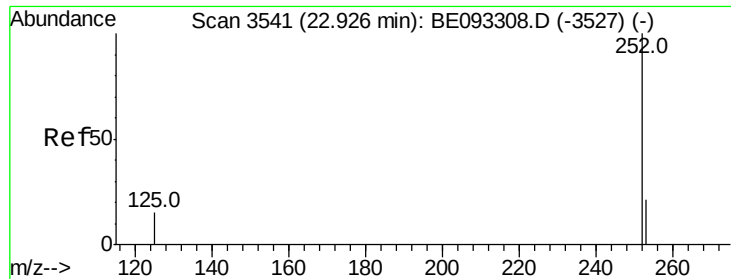
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#19
Chrysene
Concen: 0.03 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BE093315.D
Acq: 21 Jun 2017 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.3	23.4	35.0
229	26.1	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.03 ng/ul m

RT: 22.93 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BE093315.D

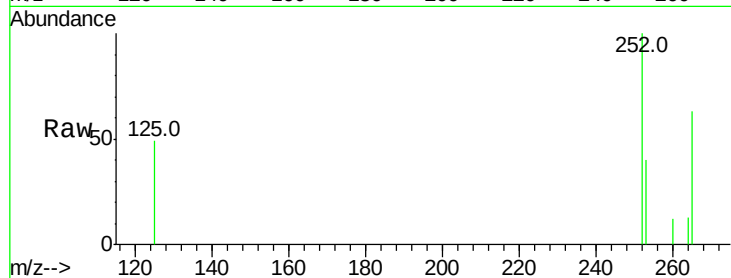
Acq: 21 Jun 2017 14:52

Instrument :

BNA_E

ClientSampleId :

F5A45DL



Tot Ion: 252 Resp: 986

Ion Ratio Lower Upper

252 100

253 40.1 0.0 64.2

125 49.4 0.0 35.0#

Manual Integrations

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