

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094629.D
 Acq On : 28 Oct 2017 18:58
 Operator : SJ/JU
 Sample : I5842-20DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9DL

Manual Integrations
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Quant Time: Oct 30 04:18:14 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2068	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12001	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6498	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14245	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	14111	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	14644	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	903	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2187	0.05	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.24	152	945	0.032	ng/ul#	86
12) Phenanthrene	17.29	178	5771	0.153	ng/ul#	91
13) Anthracene	17.38	178	3556	0.096	ng/ul#	93
15) Fluoranthene	19.31	202	24646	0.567	ng/ul	84
17) Pyrene	19.67	202	43770	1.003	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	21390	0.530	ng/ul#	89
19) Chrysene	21.46	228	25832	0.620	ng/ul	95
21) Benzo(b)fluoranthene	23.18	252	35269m	0.856	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	13213m	0.299	ng/ul	
23) Benzo(a)pyrene	23.85	252	14877	0.361	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.67	276	5596	0.131	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.66	278	1754	0.049	ng/ul#	35
26) Benzo(g,h,i)perylene	27.51	276	3404	0.099	ng/ul#	64

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

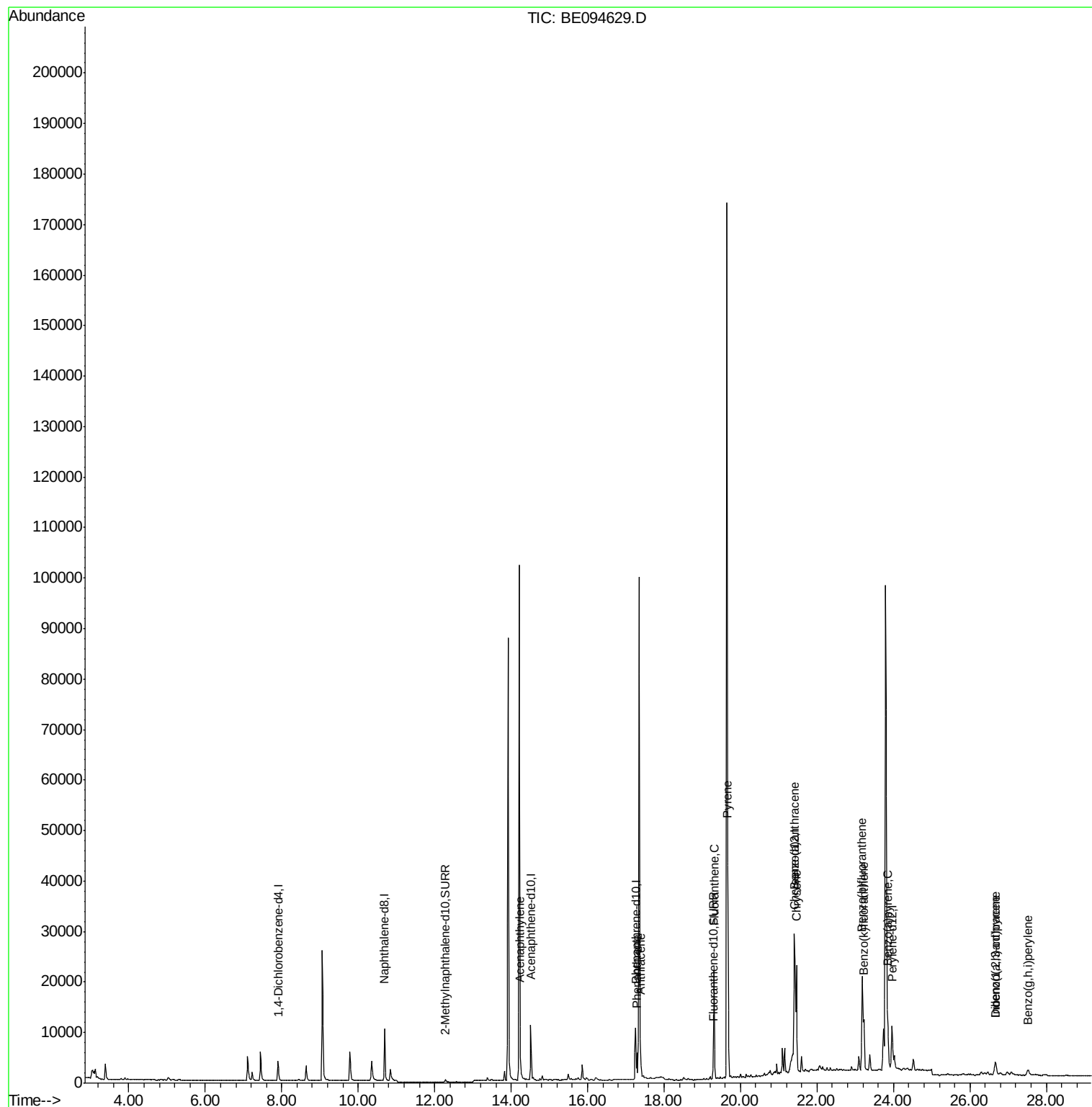
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094629.D
Acq On : 28 Oct 2017 18:58
Operator : SJ/JU
Sample : I5842-20DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

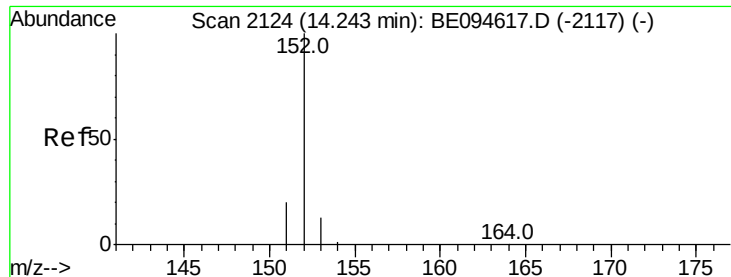
Instrument :
BNA_E
ClientSampleId :
C0AB9DL

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Quant Time: Oct 30 04:18:14 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

Instrument :

BNA_E

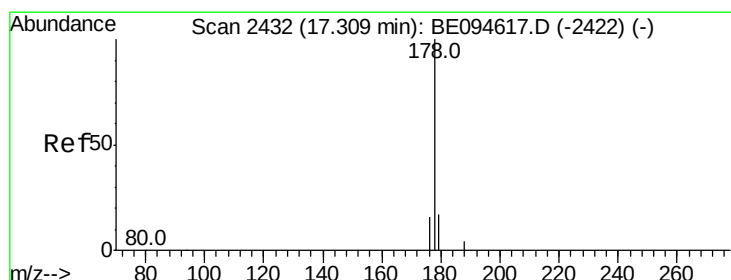
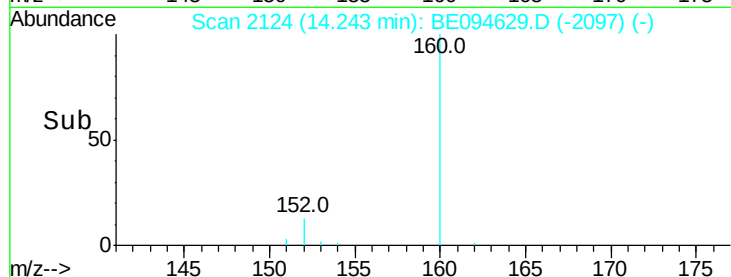
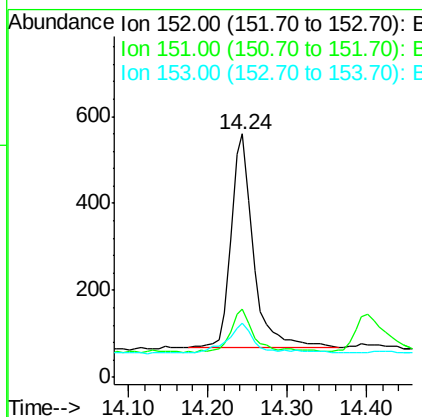
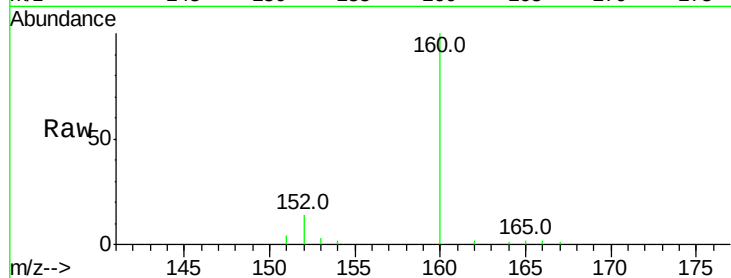
ClientSampleId :

C0AB9DL

Tot Ion:	152	Resp:	945
Ion Ratio	Lower	Upper	
152	100		
151	28.0	17.1	25.7#
153	22.3	12.8	19.2#

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#12

Phenanthrene

Concen: 0.153 ng/ul

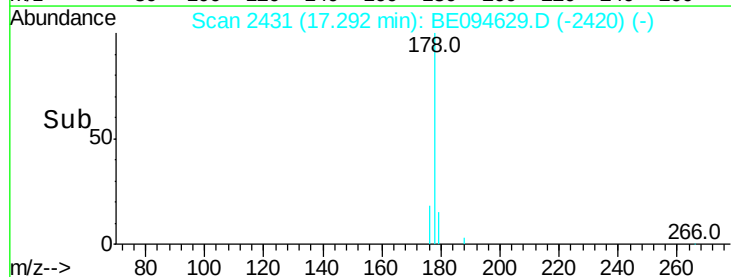
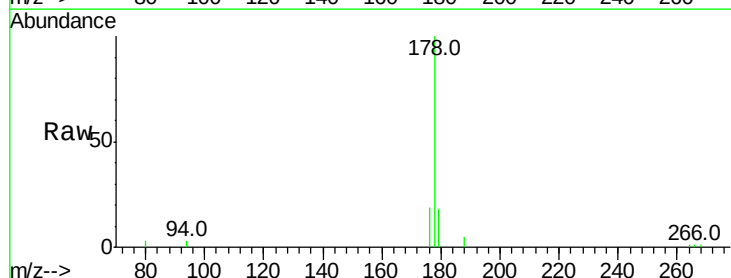
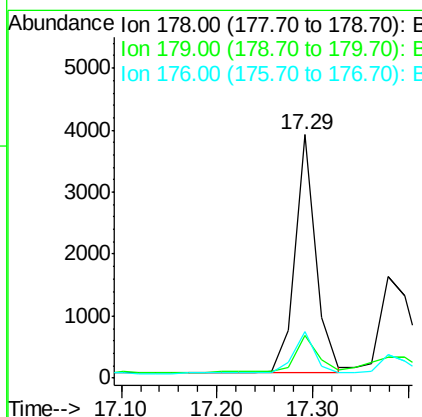
RT: 17.29 min Scan# 2431

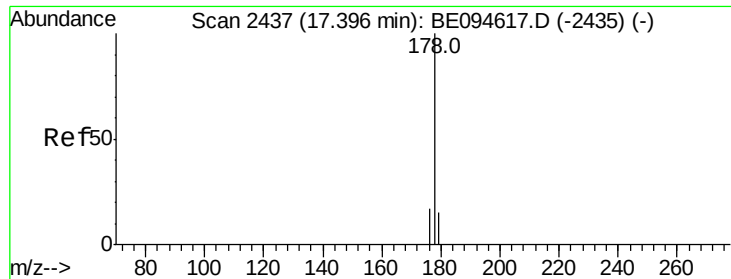
Delta R.T. -0.02 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

Tgt Ion:	178	Resp:	5771
Ion Ratio	Lower	Upper	
178	100		
179	17.5	18.4	27.6#
176	19.3	13.6	20.4





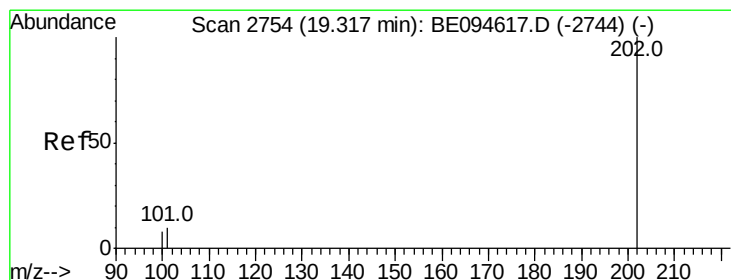
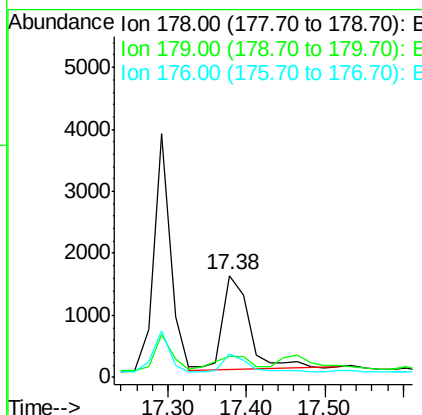
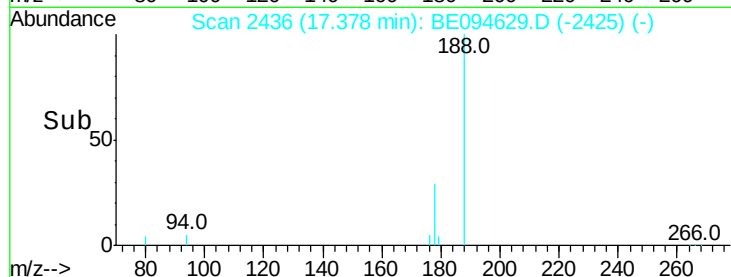
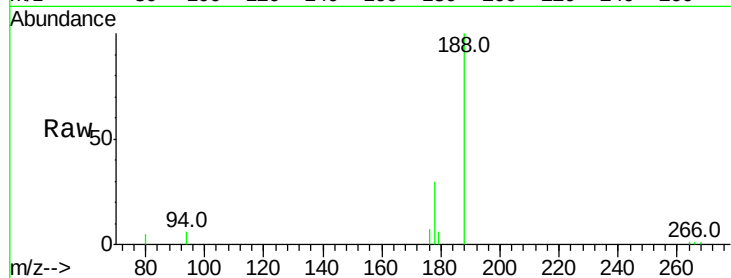
#13
 Anthracene
 Concen: 0.096 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094629.D
 Acq: 28 Oct 2017 18:58

Instrument :
 BNA_E
 ClientSampled :
 C0AB9DL

Tot Ion:178 Resp: 3556
 Ion Ratio Lower Upper
 178 100
 179 20.6 18.1 27.1
 176 23.4 14.7 22.1#

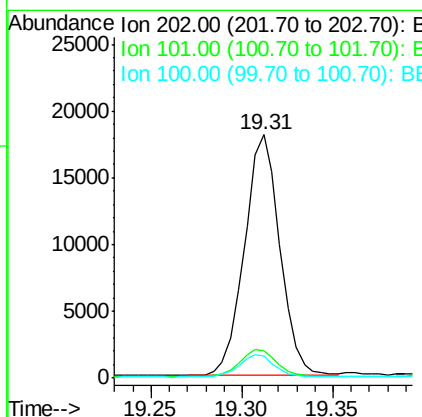
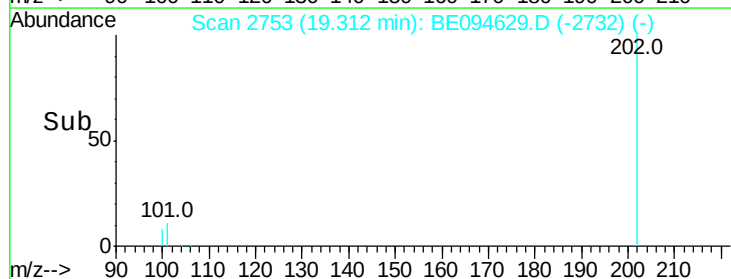
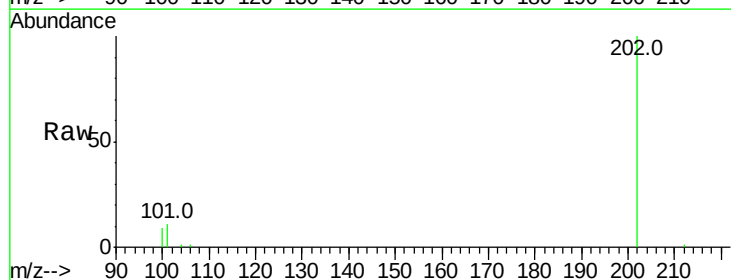
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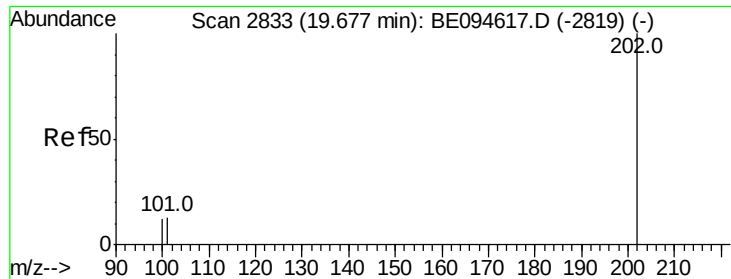
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#15
 Fluoranthene
 Concen: 0.567 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094629.D
 Acq: 28 Oct 2017 18:58

Tgt Ion:202 Resp: 24646
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 30.3
 100 8.9 0.0 39.5





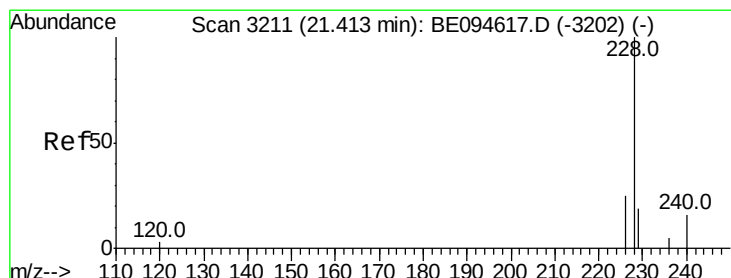
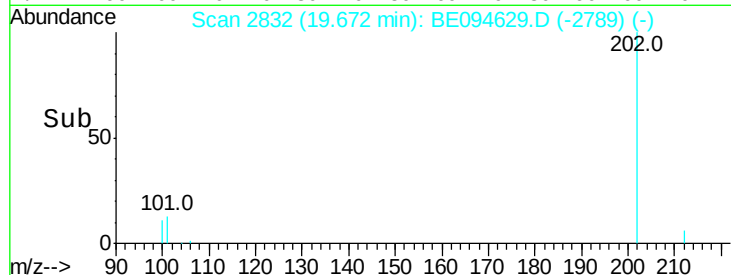
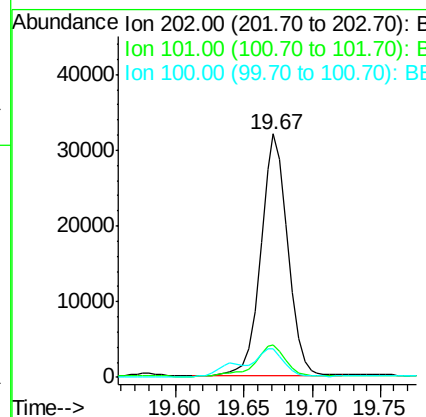
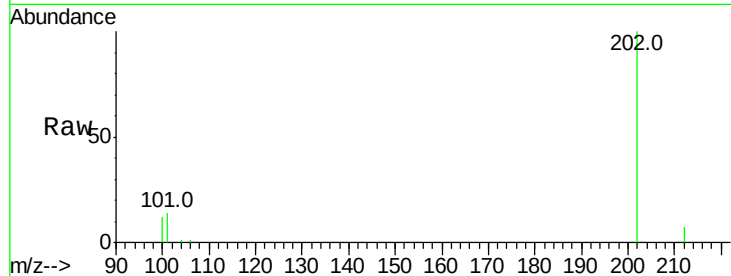
#17
Pvrene
Concen: 1.003 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BE094629.D
Acq: 28 Oct 2017 18:58

Instrument :
BNA_E
ClientSampleId :
C0AB9DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	18.2	27.4#
100	11.6	15.6	23.4#

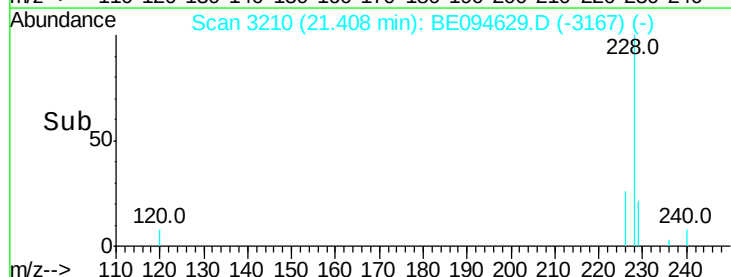
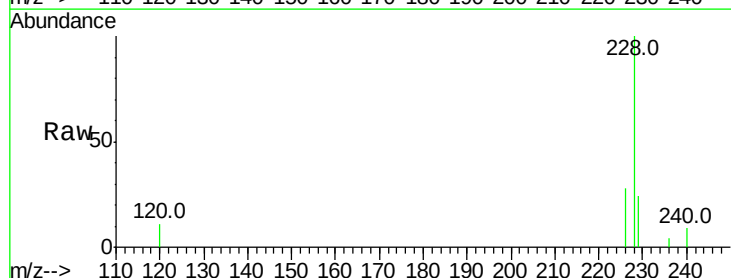
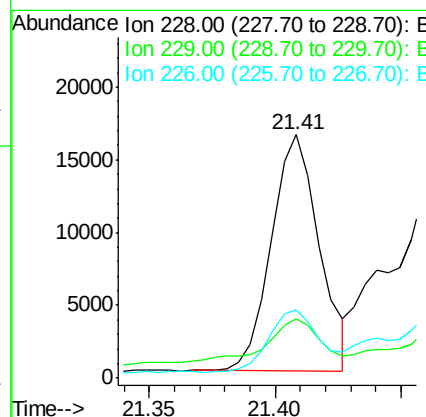
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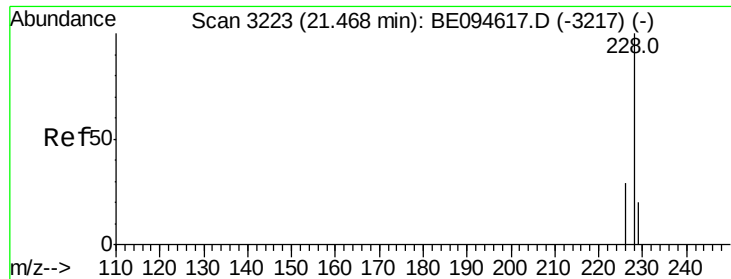
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#18
Benzo(a)anthracene
Concen: 0.530 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094629.D
Acq: 28 Oct 2017 18:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.2	22.8	34.2
226	28.0	17.0	25.6#





#19

Chrysene

Concen: 0.620 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

Instrument :

BNA_E

ClientSampleId :

C0AB9DL

Tot Ion:228 Resp: 25832

Ion Ratio Lower Upper

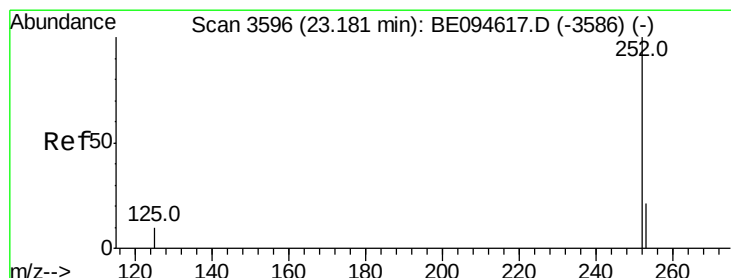
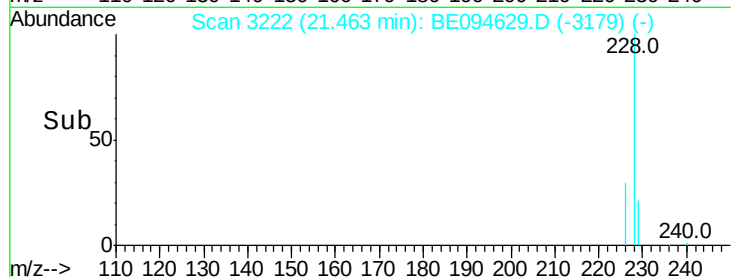
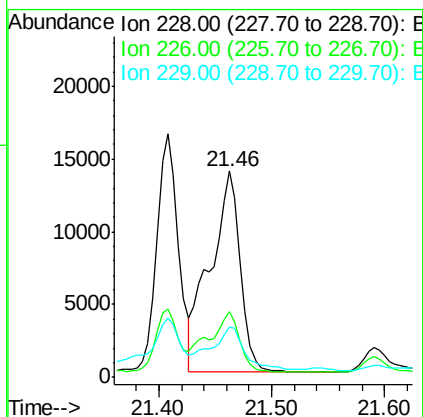
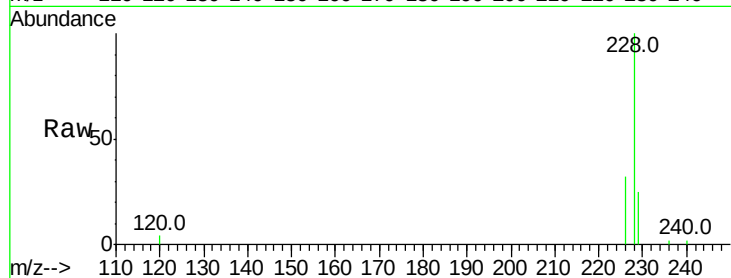
228 100

226 31.8 23.4 35.0

229 24.7 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 0.856 ng/ul m

RT: 23.18 min Scan# 3596

Delta R.T. -0.00 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

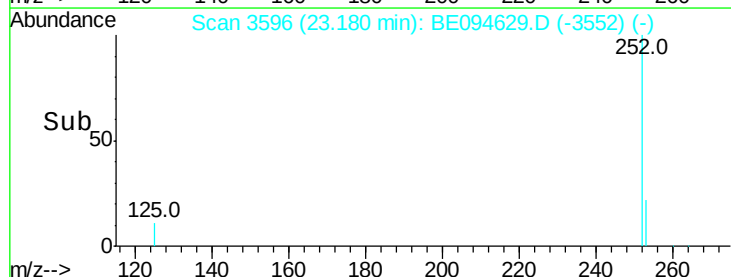
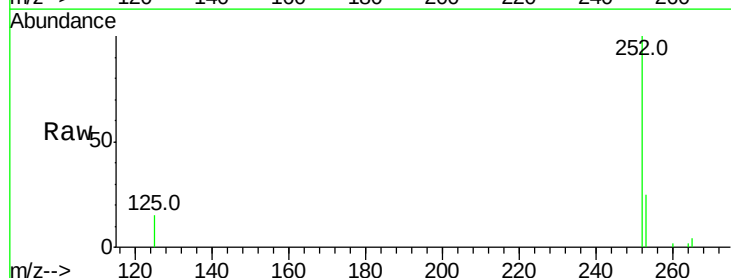
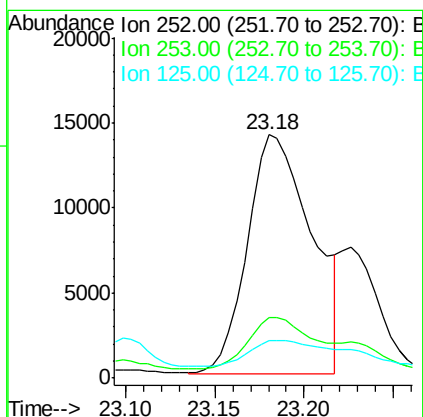
Tgt Ion:252 Resp: 35269

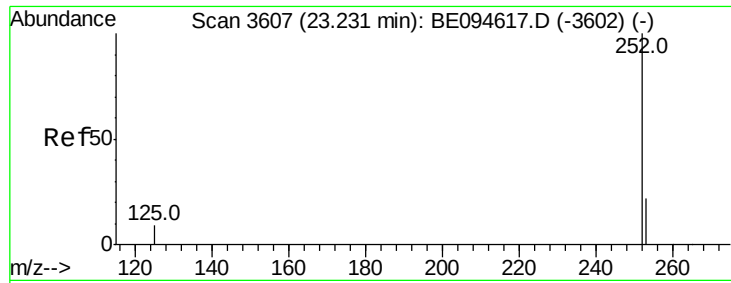
Ion Ratio Lower Upper

252 100

253 24.7 0.0 64.2

125 15.2 0.0 35.0





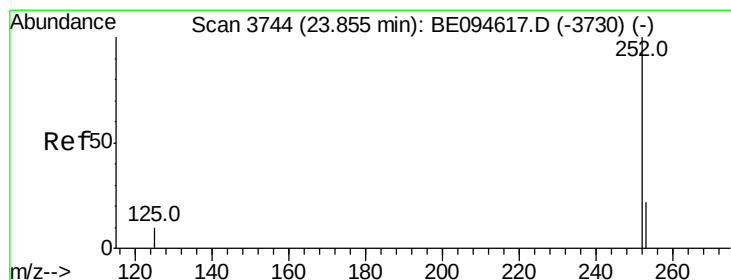
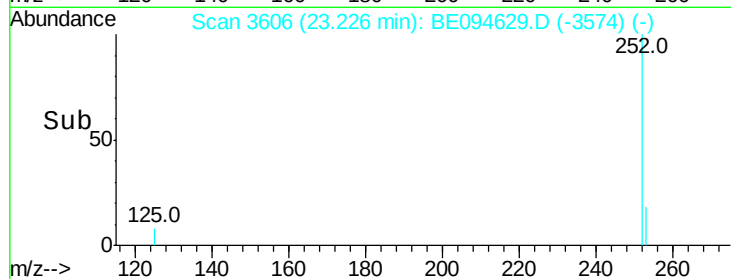
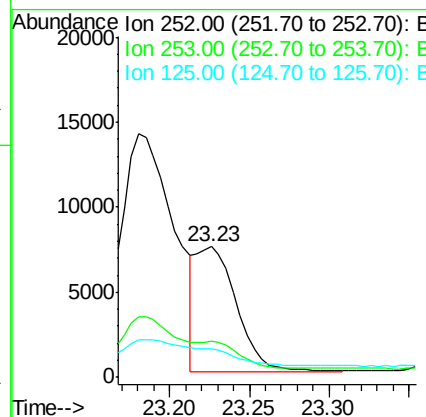
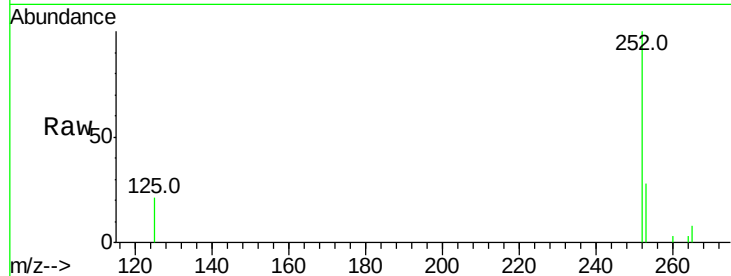
#22
Benzo(k)fluoranthene
Concen: 0.299 ng/ul m
RT: 23.23 min Scan# 3606
Delta R.T. -0.01 min
Lab File: BE094629.D
Acq: 28 Oct 2017 18:58

Instrument :
BNA_E
ClientSampleId :
C0AB9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	24.5	36.7
125	21.4	13.7	20.5#

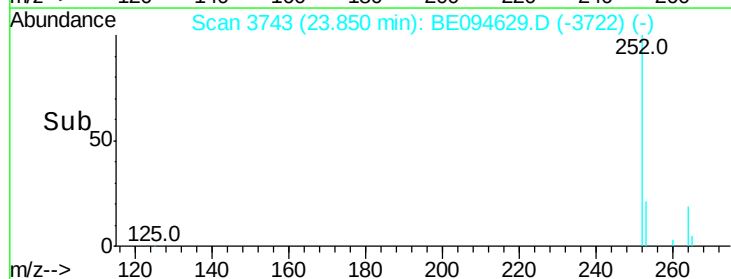
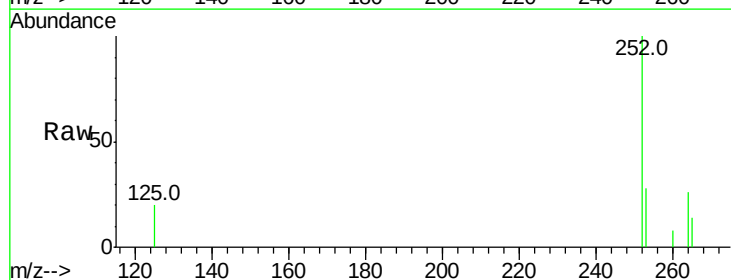
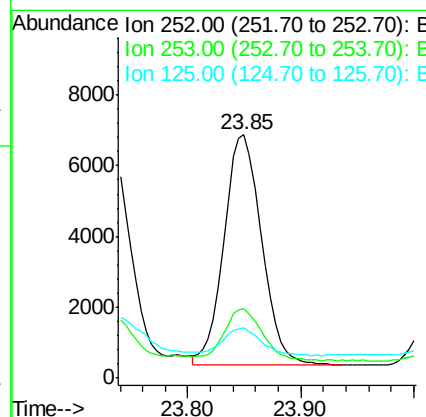
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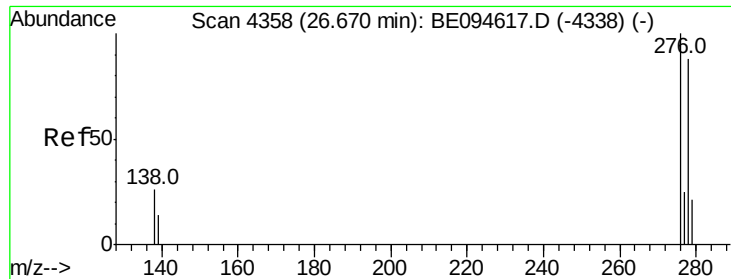
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#23
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.85 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BE094629.D
Acq: 28 Oct 2017 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	28.5	42.7#
125	20.5	18.1	27.1





#24

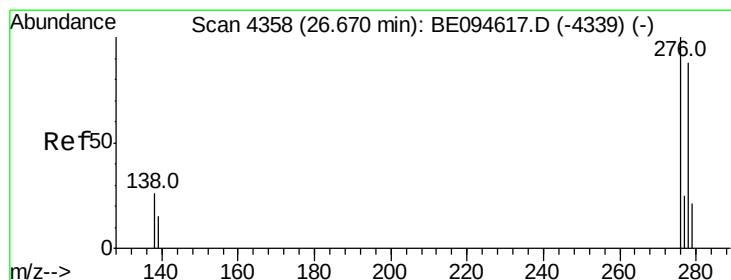
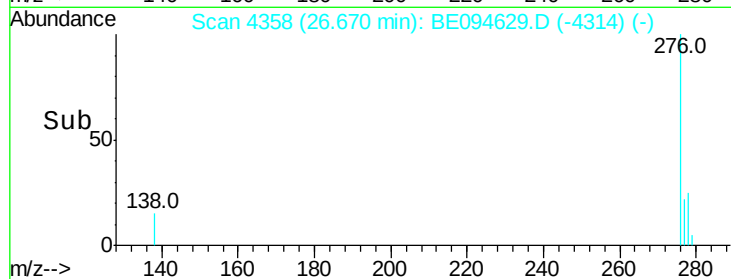
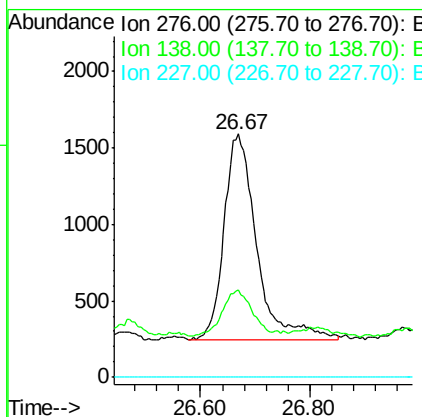
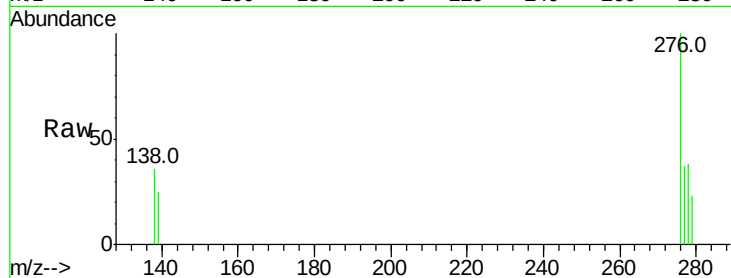
Indeno(1,2,3-cd)pyrene
Concen: 0.131 ng/ul
RT: 26.67 min Scan# 4358
Delta R.T. -0.00 min
Lab File: BE094629.D
Acq: 28 Oct 2017 18:58

Instrument :
BNA_E
ClientSampleId :
C0AB9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	28.0	42.0#
227	0.0	8.0	12.0#

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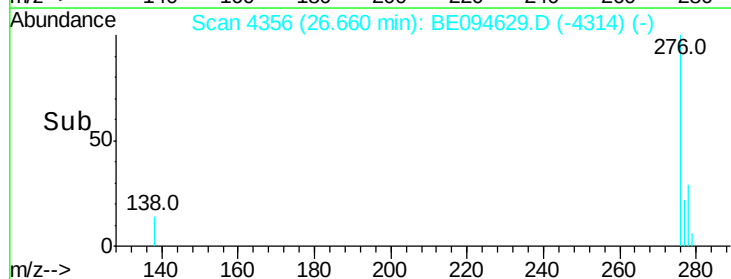
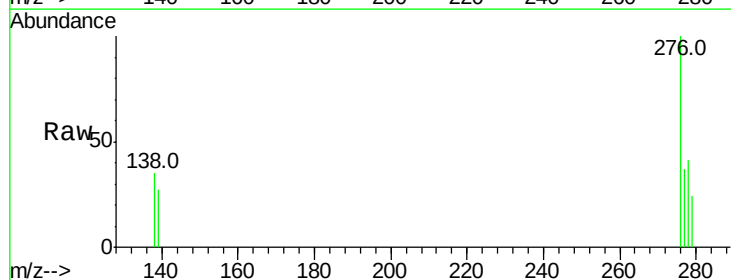
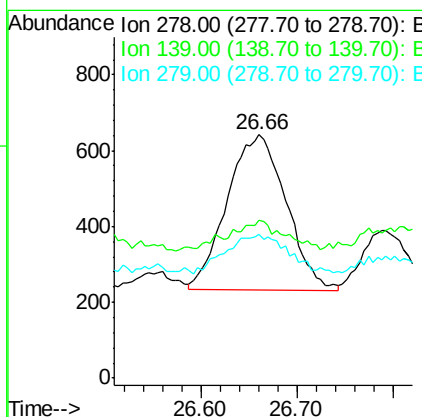
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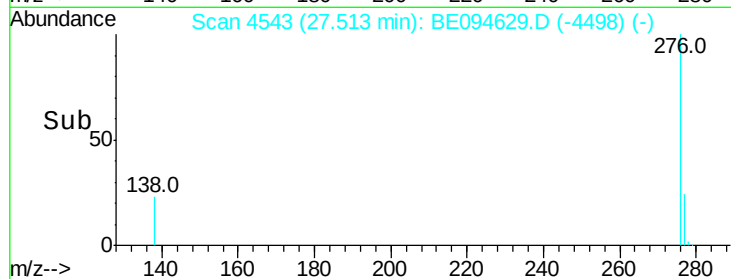
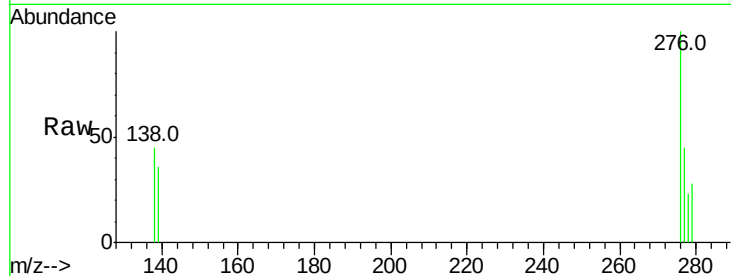
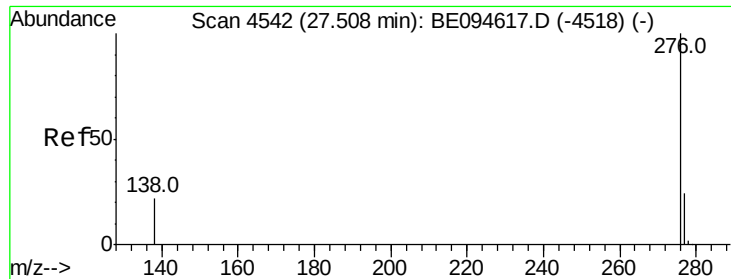


#25

Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BE094629.D
Acq: 28 Oct 2017 18:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	64.8	17.4	26.0#
279	59.0	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.099 ng/ul

RT: 27.51 min Scan# 4543

Delta R.T. 0.00 min

Lab File: BE094629.D

Acq: 28 Oct 2017 18:58

Instrument :

BNA_E

ClientSampleId :

C0AB9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	45.5	21.8	32.8#
277	44.5	20.5	30.7#

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