

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094231.D
 Acq On : 9 Oct 2017 21:26
 Operator : SJ/JU
 Sample : I5522-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE0

Manual Integrations
 APPROVED

Sohil
 10/10/2017 4:57:16 PM

Quant Time: Oct 10 09:00:53 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2615	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13941	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8175	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	17813	0.40	ng/ul	-0.03
16) Chrysene-d12	21.41	240	18128	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	19355	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2157	0.10	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	5447	0.09	ng/ul	-0.01
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	2409	0.052	ng/ul	97
15) Fluoranthene	19.30	202	6448	0.105	ng/ul	85
17) Pyrene	19.66	202	6446	0.128	ng/ul#	88
18) Benzo(a)anthracene	21.39	228	2784	0.058	ng/ul#	83
19) Chrysene	21.44	228	3636	0.065	ng/ul#	84
21) Benzo(b)fluoranthene	23.15	252	4693m	0.089	ng/ul	
23) Benzo(a)pyrene	23.80	252	2905	0.053	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	26.57	276	2470	0.044	ng/ul#	80
26) Benzo(g,h,i)perylene	27.40	276	2051	0.043	ng/ul#	55

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

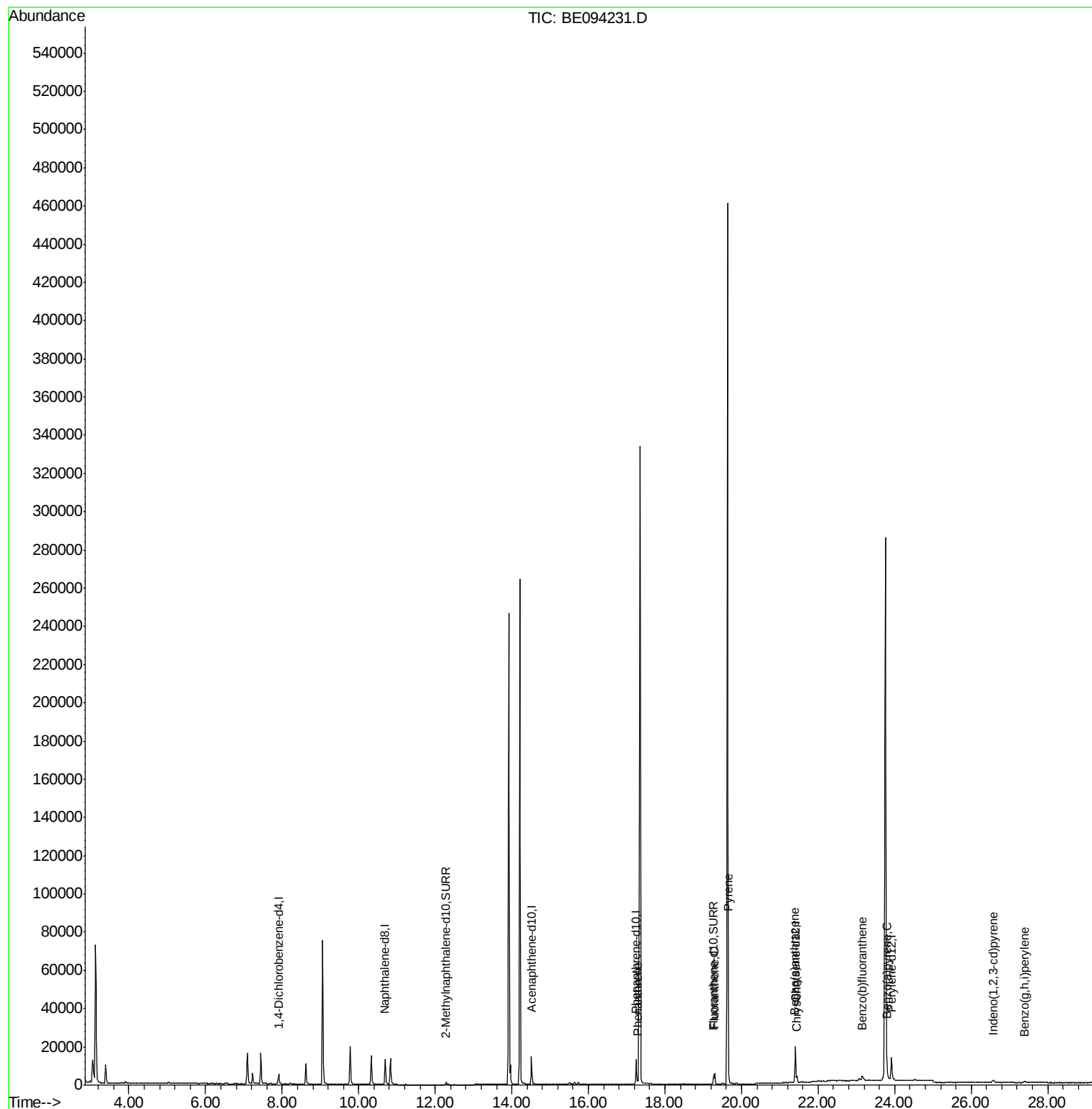
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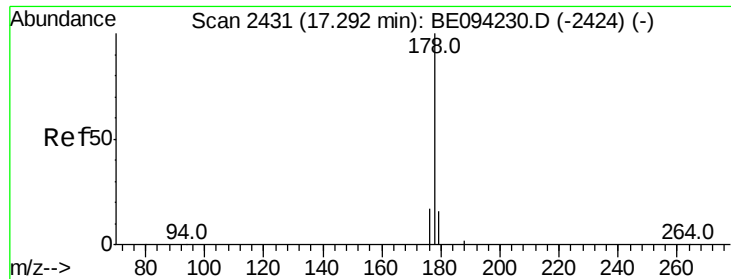
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#12

Phenanthrene

Concen: 0.052 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094231.D

Acq: 9 Oct 2017 21:26

Instrument :

BNA_E

ClientSampleId :

C0AE0

Tot Ion:178 Resp: 2409

Ion Ratio Lower Upper

178 100

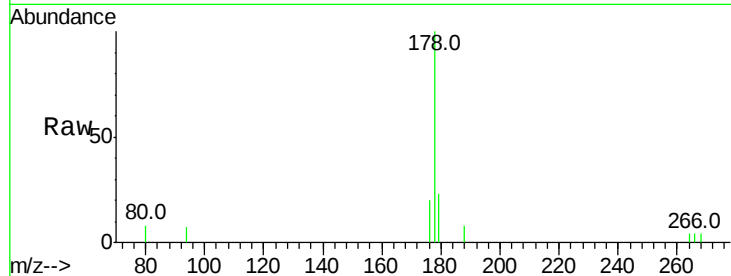
179 22.8 18.4 27.6

176 20.0 13.6 20.4

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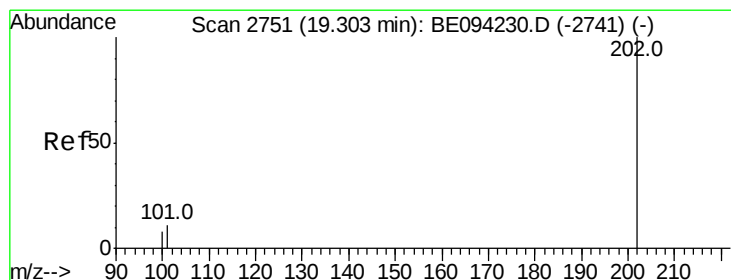
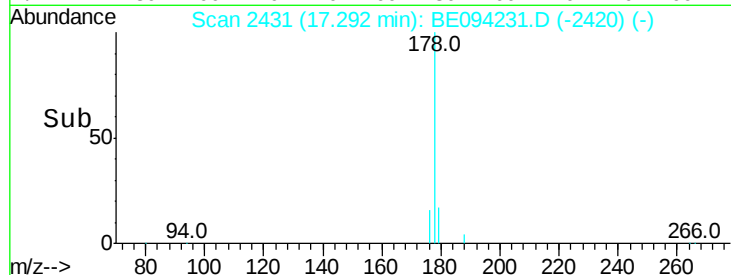
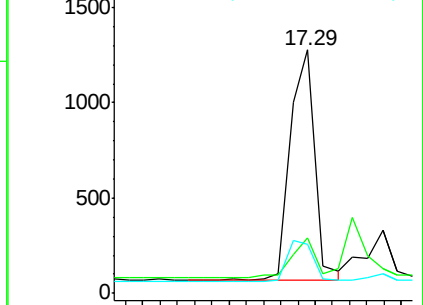
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.105 ng/ul

RT: 19.30 min Scan# 2750

Delta R.T. -0.01 min

Lab File: BE094231.D

Acq: 9 Oct 2017 21:26

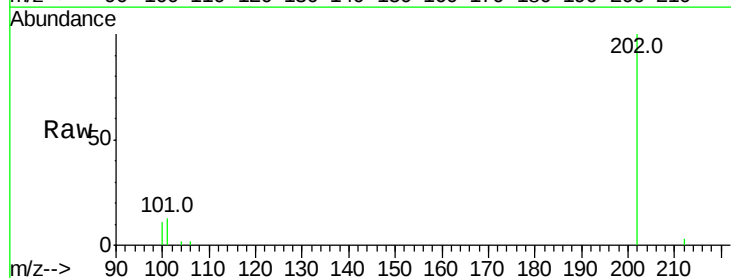
Tgt Ion:202 Resp: 6448

Ion Ratio Lower Upper

202 100

101 13.3 0.0 30.3

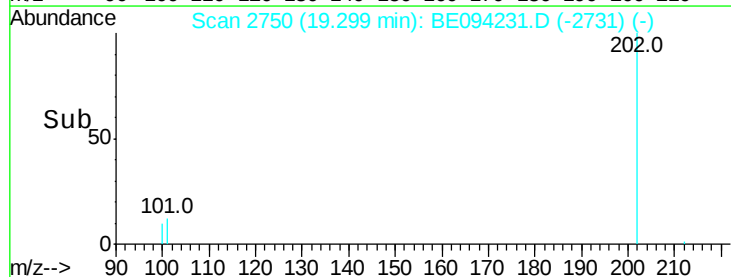
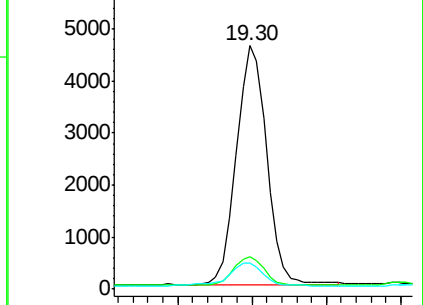
100 10.8 0.0 39.5

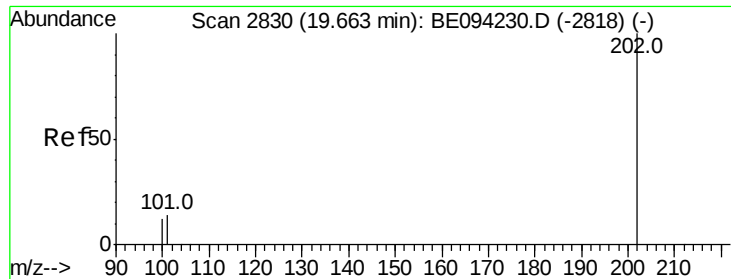


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





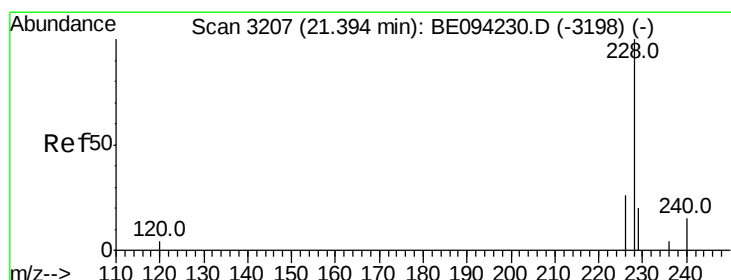
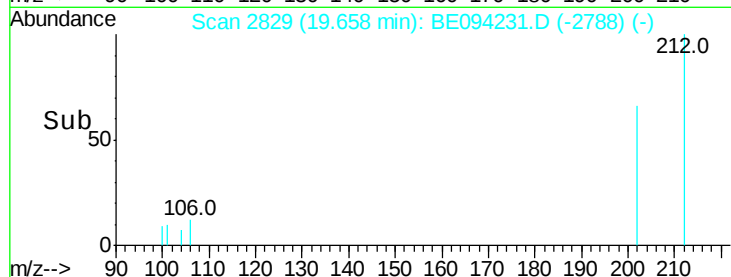
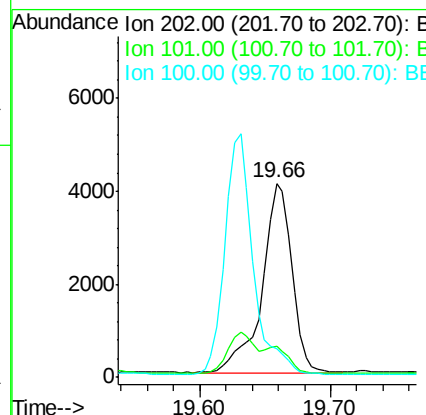
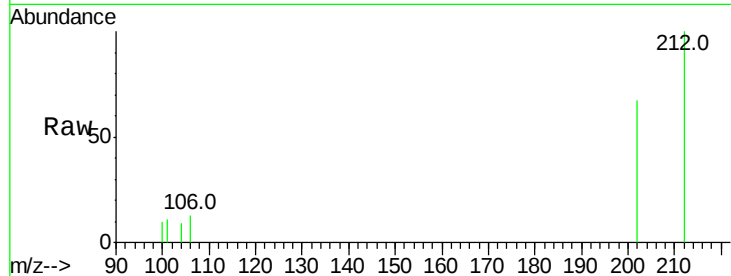
#17
Pvrene
Concen: 0.128 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Instrument :
BNA_E
ClientSampleId :
C0AE0

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.1	18.2	27.4#
100	14.9	15.6	23.4#

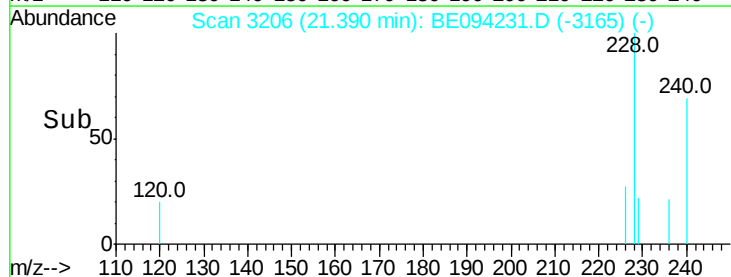
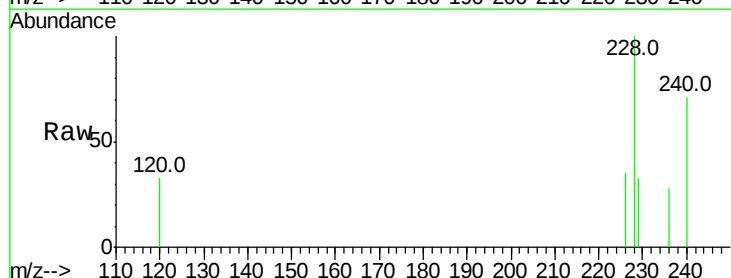
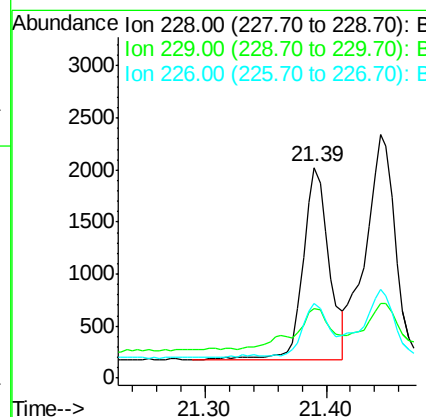
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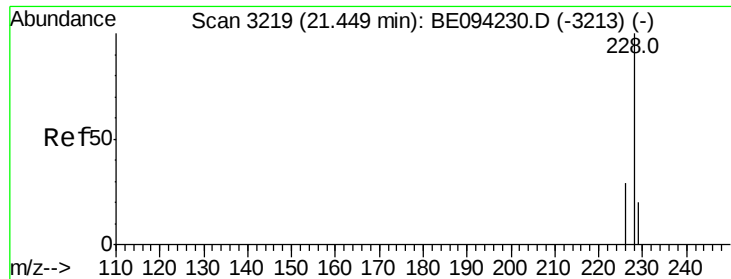
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#18
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BE094231.D
Acq: 9 Oct 2017 21:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	32.9	22.8	34.2
226	35.2	17.0	25.6#





#19

Chrysene

Concen: 0.065 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE094231.D

Acq: 9 Oct 2017 21:26

Instrument :

BNA_E

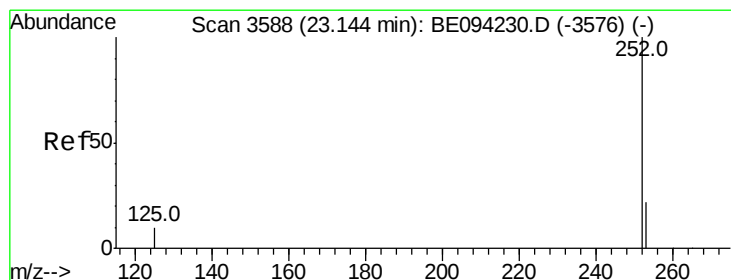
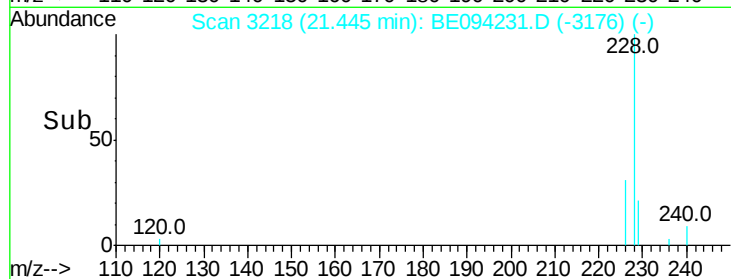
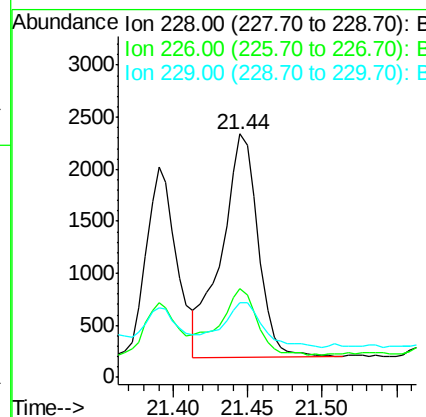
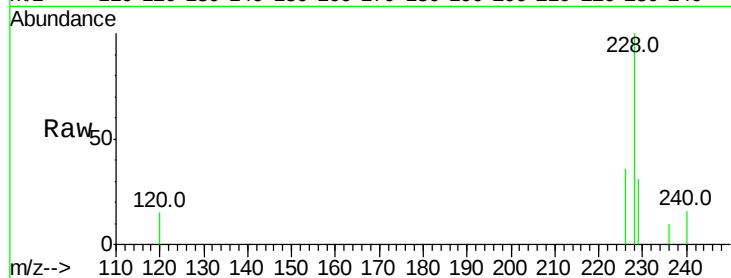
ClientSampleId :

C0AE0

Tot Ion:	228	Resp:	3636
Ion Ratio	Lower	Upper	
228	100		
226	36.5	23.4	35.0#
229	30.9	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.089 ng/ul m

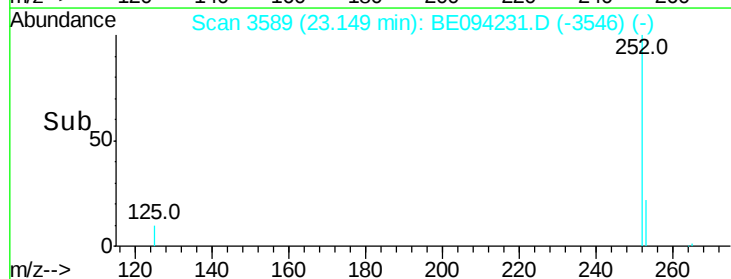
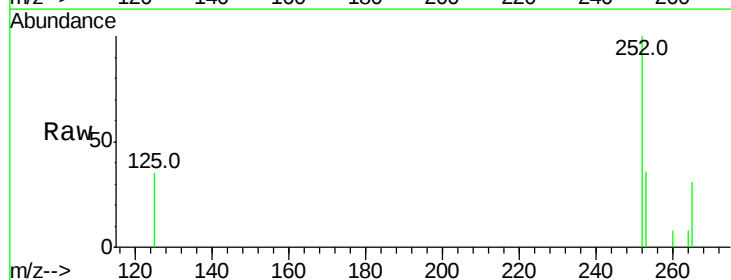
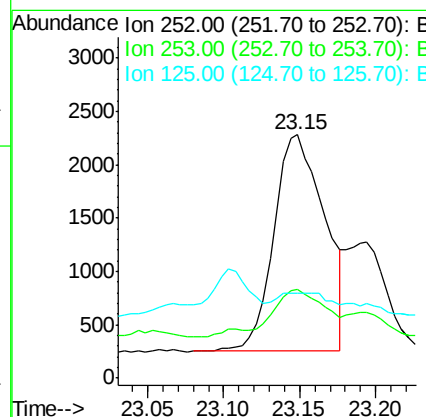
RT: 23.15 min Scan# 3589

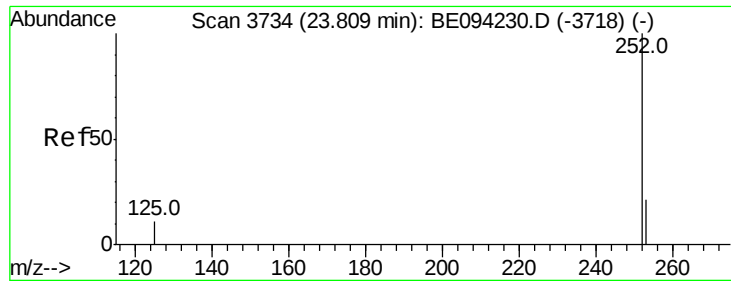
Delta R.T. -0.00 min

Lab File: BE094231.D

Acq: 9 Oct 2017 21:26

Tgt Ion:	252	Resp:	4693
Ion Ratio	Lower	Upper	
252	100		
253	36.3	0.0	64.2
125	35.1	0.0	35.0#





#23

Benzo(a)pyrene

Concen: 0.053 ng/ul

RT: 23.80 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BE094231.D

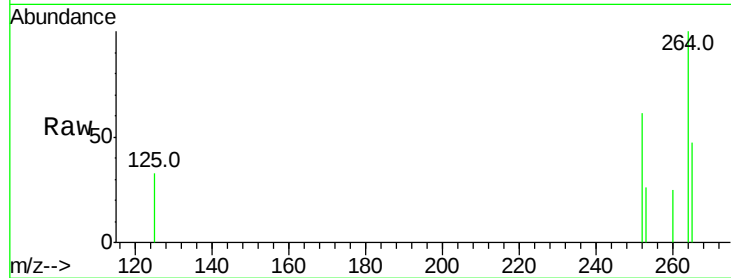
Acq: 9 Oct 2017 21:26

Instrument :

BNA_E

ClientSampleId :

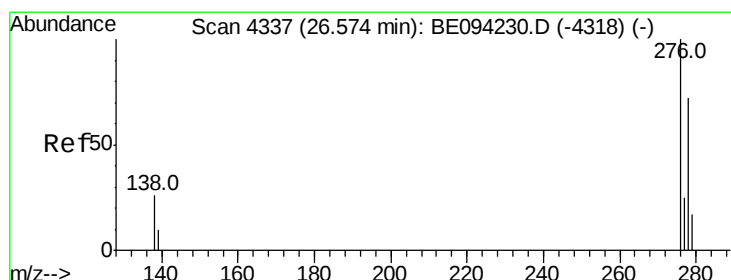
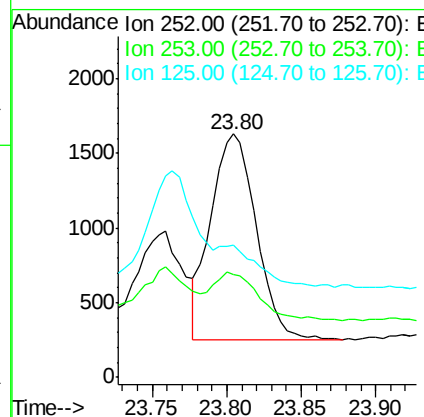
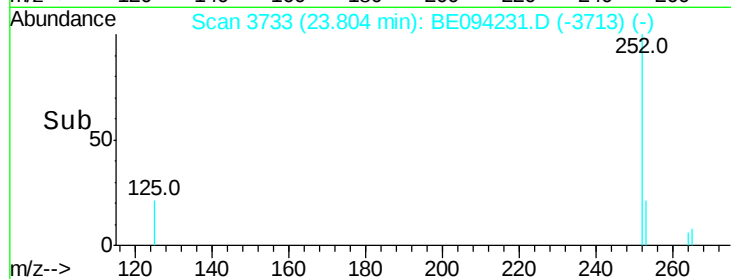
C0AE0



Tot Ion:	252	Resp:	2905
Ion Ratio	Lower	Upper	
252	100		
253	42.3	28.5	42.7
125	54.1	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.044 ng/ul

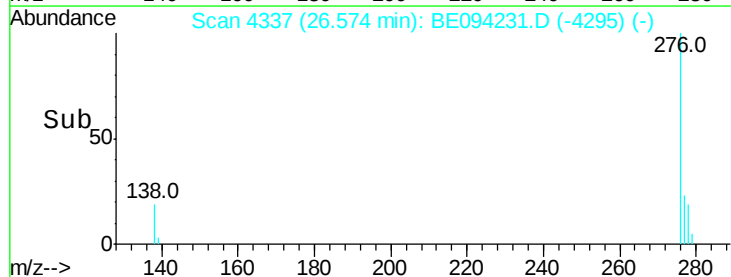
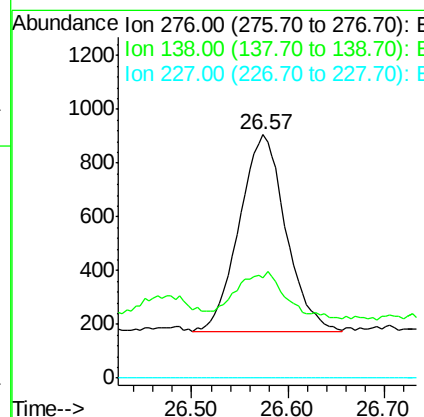
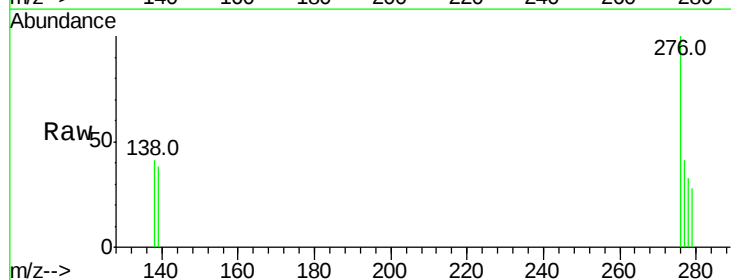
RT: 26.57 min Scan# 4337

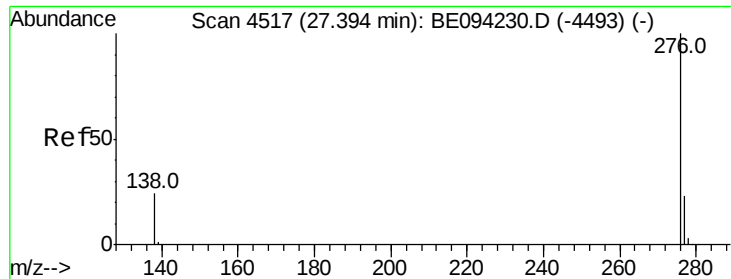
Delta R.T. -0.01 min

Lab File: BE094231.D

Acq: 9 Oct 2017 21:26

Tgt Ion:	276	Resp:	2470
Ion Ratio	Lower	Upper	
276	100		
138	24.5	28.0	42.0#
227	0.0	8.0	12.0#





#26

Benzo(a,h,i)perylene

Concen: 0.043 ng/ul

RT: 27.40 min Scan# 4518

Delta R.T. 0.00 min

Lab File: BE094231.D

Acq: 9 Oct 2017 21:26

Instrument :

BNA_E

ClientSampleId :

C0AE0

Tot Ion:	276	Resp:	2051
Ion Ratio	Lower	Upper	
276	100		
138	51.2	21.8	32.8#
277	48.2	20.5	30.7#

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