

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094358.D
 Acq On : 14 Oct 2017 16:56
 Operator : SJ/JU
 Sample : I5522-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE2

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:04 PM

Quant Time: Oct 15 01:41:58 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1175	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	5884	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3654	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9514	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10249	0.40	ng/ul	-0.01
20) Perylene-d12	23.94	264	9370m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	317	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2344	0.07	ng/ul	-0.01
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	885	0.036	ng/ul#	85
15) Fluoranthene	19.31	202	3014	0.092	ng/ul	85
17) Pyrene	19.67	202	3196	0.112	ng/ul#	86
18) Benzo(a)anthracene	21.41	228	2173	0.080	ng/ul#	77
19) Chrysene	21.46	228	3089	0.098	ng/ul#	78
21) Benzo(b)fluoranthene	23.17	252	4461m	0.175	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	1341m	0.046	ng/ul	
23) Benzo(a)pyrene	23.83	252	2660m	0.101	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.63	276	2139m	0.079	ng/ul	
26) Benzo(g,h,i)perylene	27.47	276	2084m	0.089	ng/ul	

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

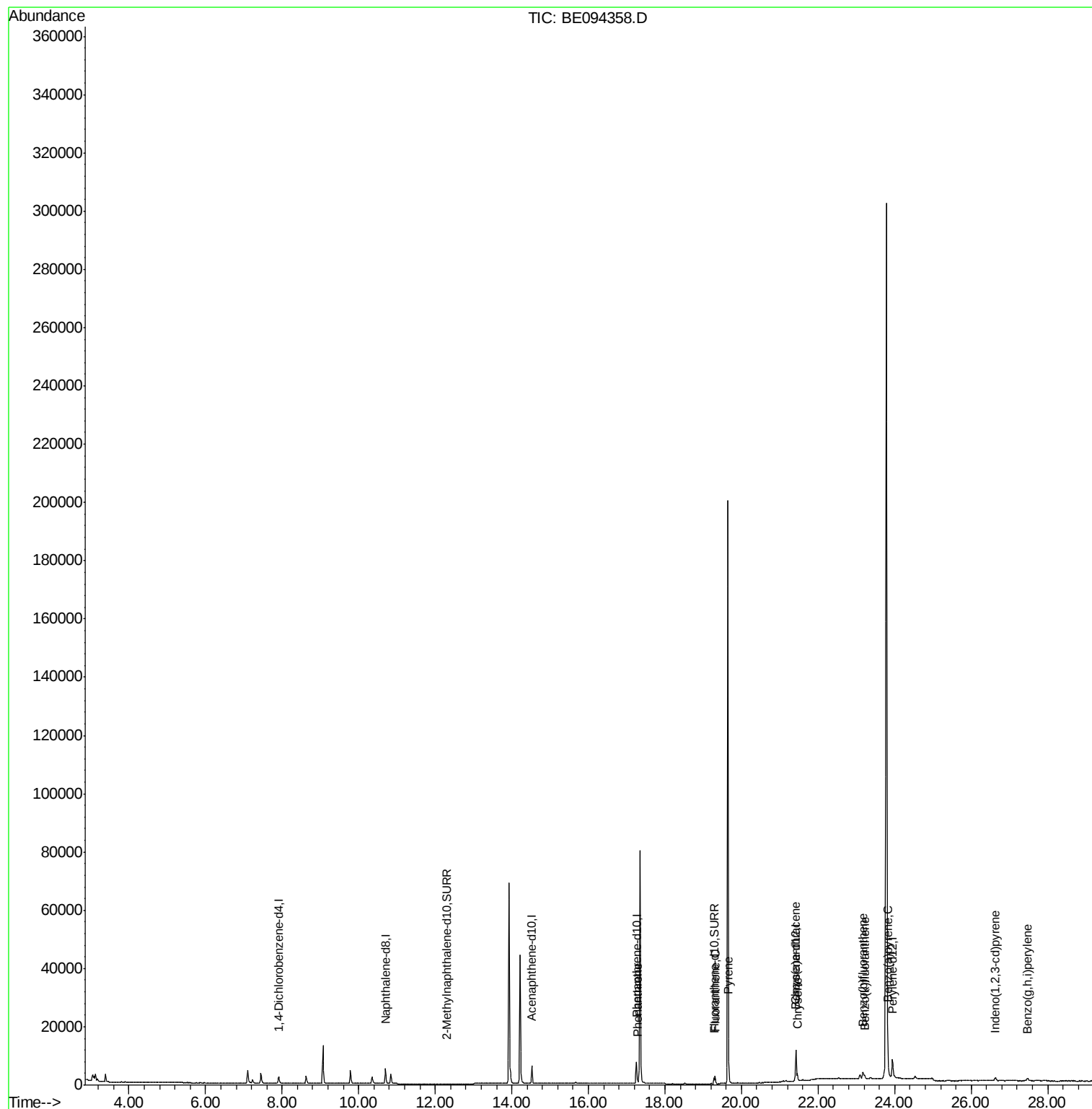
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
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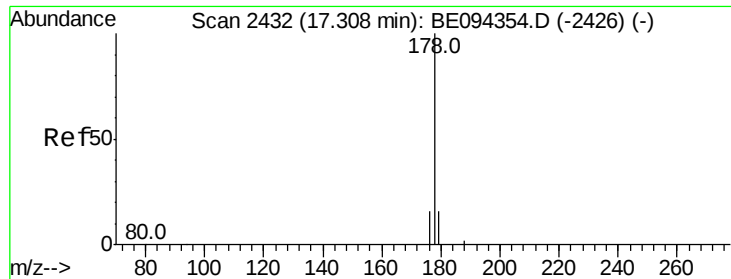
Instrument :
BNA_E
ClientSampleId :
C0AE2

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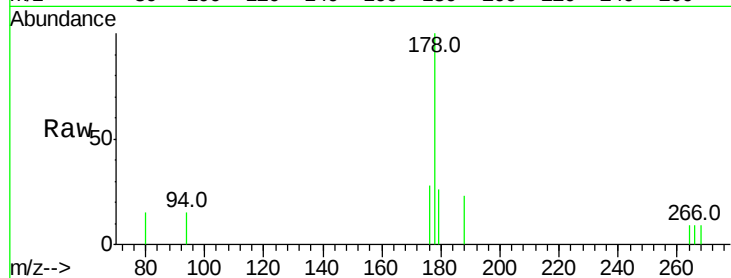
#12
Phenanthrene
Concen: 0.036 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094358.D
Acq: 14 Oct 2017 16:56

Instrument :
BNA_E
ClientSampleId :
C0AE2

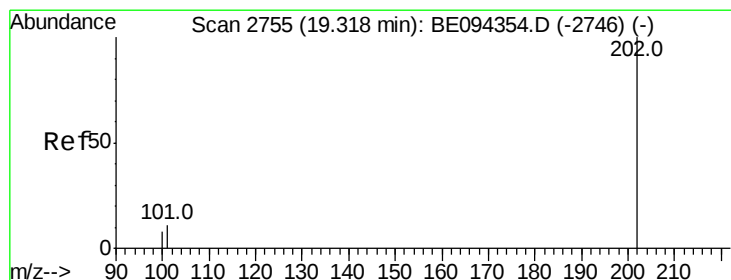
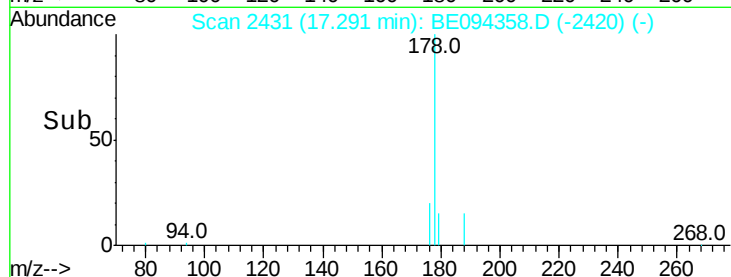
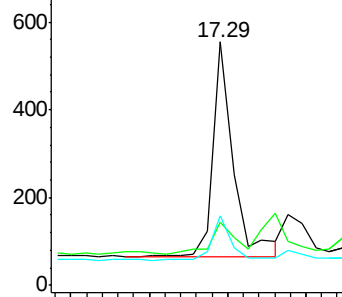
Tot Ion	Ratio	Lower	Upper
178	100		
179	25.8	18.4	27.6
176	28.5	13.6	20.4

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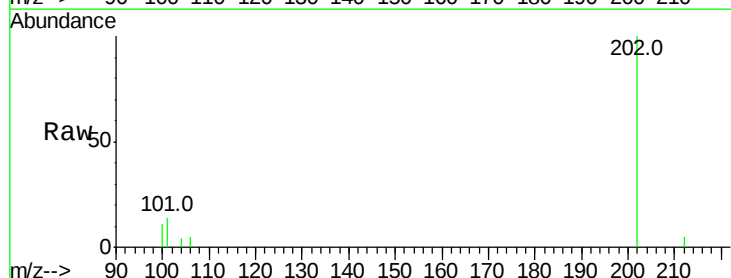


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

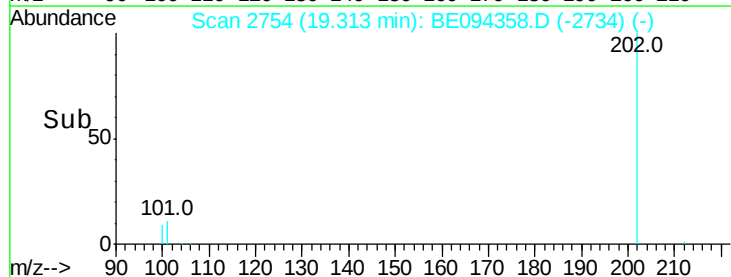
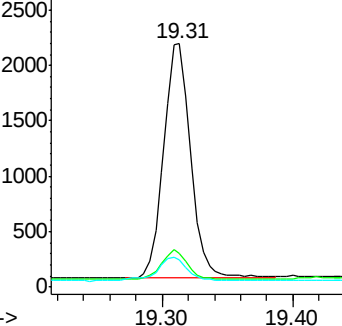


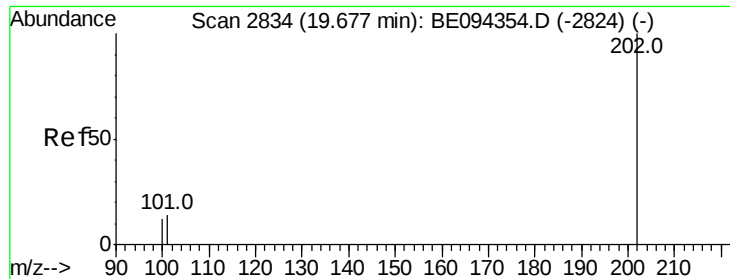
#15
Fluoranthene
Concen: 0.092 ng/ul
RT: 19.31 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE094358.D
Acq: 14 Oct 2017 16:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	30.3
100	11.3	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: 0.112 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BE094358.D

Acq: 14 Oct 2017 16:56

Instrument :

BNA_E

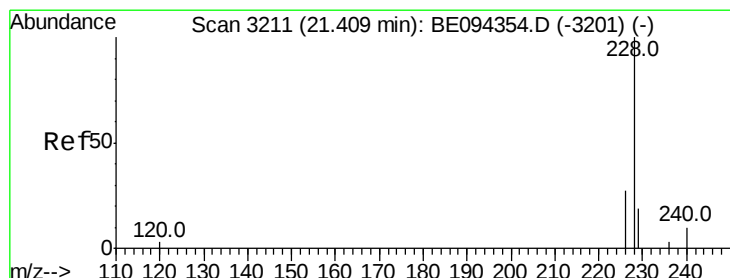
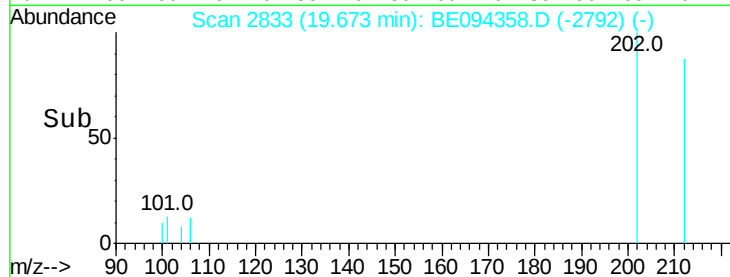
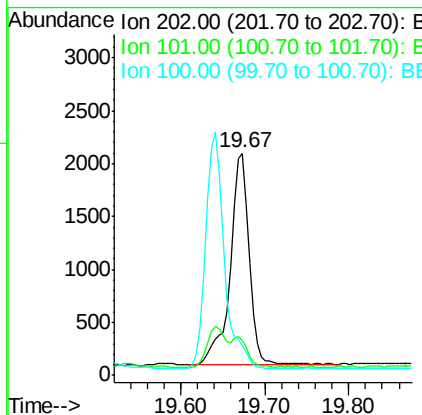
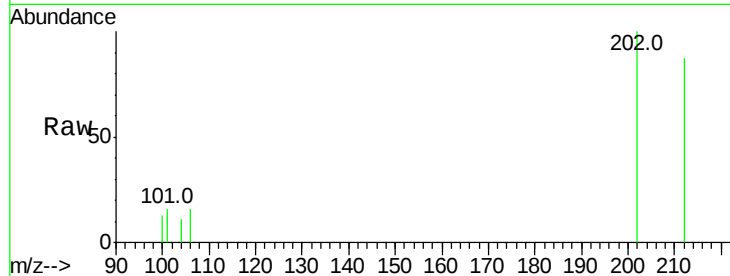
ClientSampleId :

C0AE2

Tot Ion:	202	Resp:	3196
Ion Ratio	Lower	Upper	
202	100		
101	15.9	18.2	27.4#
100	13.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.080 ng/ul

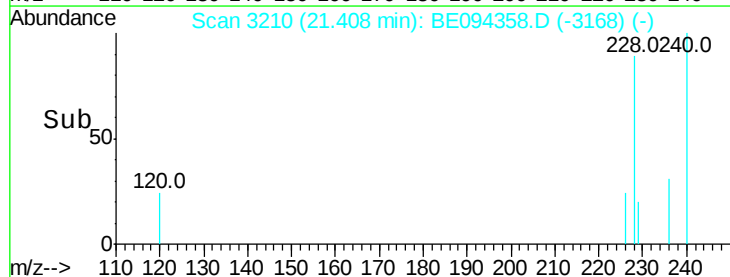
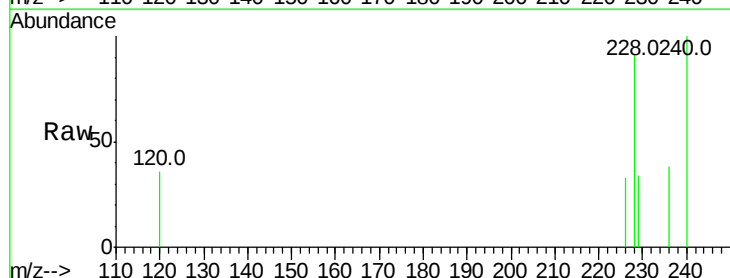
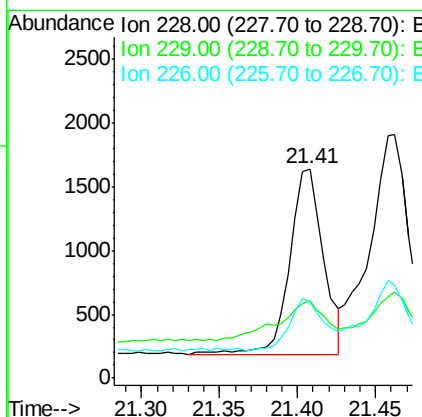
RT: 21.41 min Scan# 3210

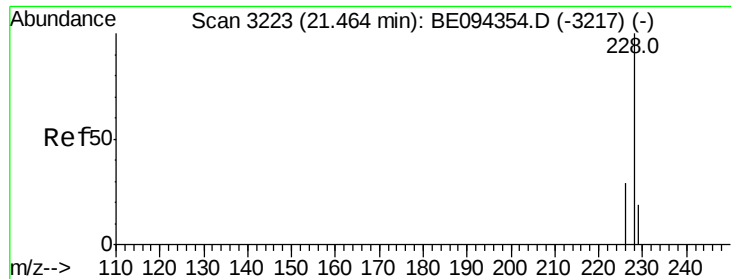
Delta R.T. -0.01 min

Lab File: BE094358.D

Acq: 14 Oct 2017 16:56

Tgt Ion:	228	Resp:	2173
Ion Ratio	Lower	Upper	
228	100		
229	37.0	22.8	34.2#
226	36.1	17.0	25.6#





#19

Chrysene

Concen: 0.098 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094358.D

Acq: 14 Oct 2017 16:56

Instrument :

BNA_E

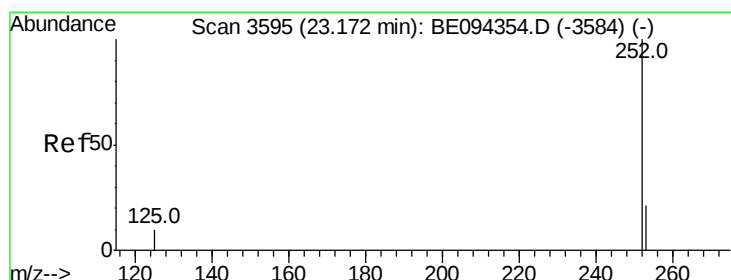
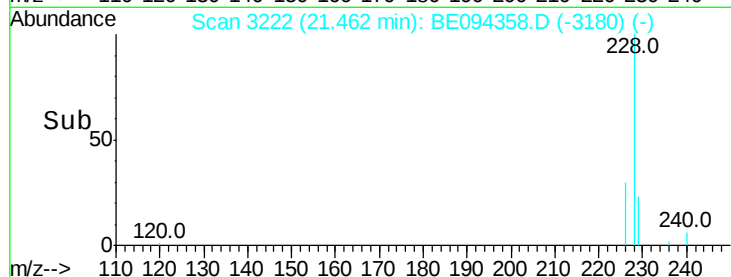
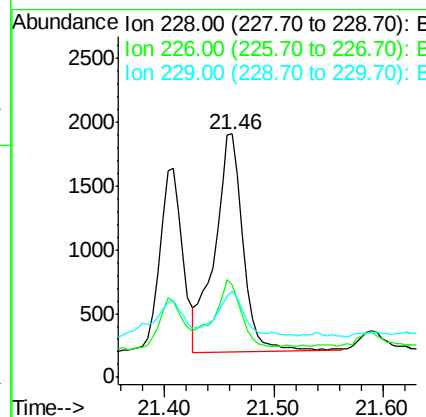
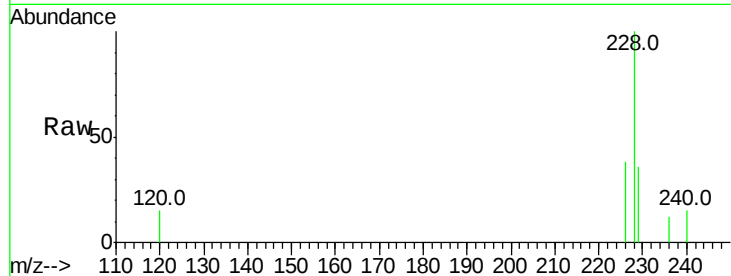
ClientSampleId :

C0AE2

Tot Ion:	228	Resp:	3089
Ion Ratio	Lower	Upper	
228	100		
226	38.1	23.4	35.0#
229	35.5	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.175 ng/ul m

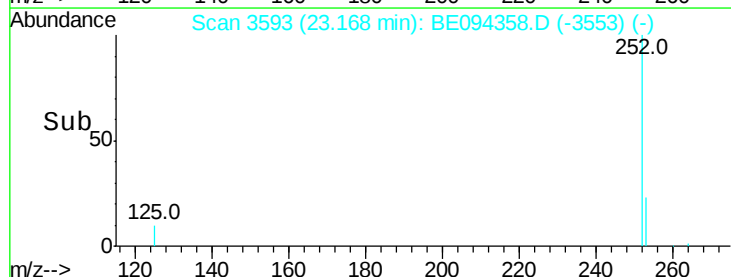
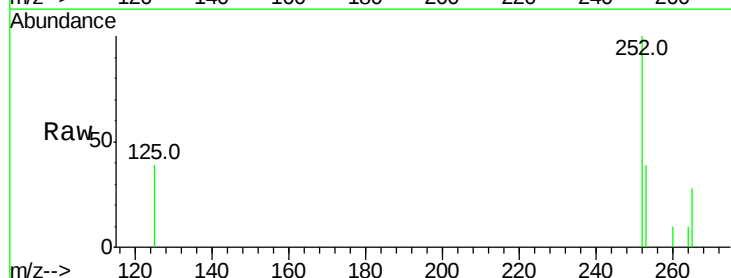
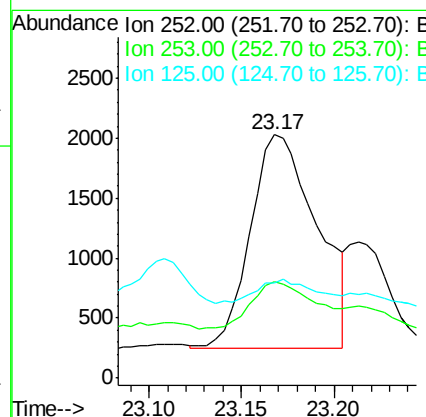
RT: 23.17 min Scan# 3593

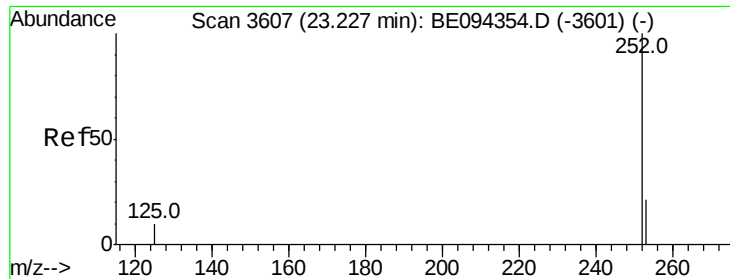
Delta R.T. -0.02 min

Lab File: BE094358.D

Acq: 14 Oct 2017 16:56

Tgt Ion:	252	Resp:	4461
Ion Ratio	Lower	Upper	
252	100		
253	39.4	0.0	64.2
125	39.2	0.0	35.0#





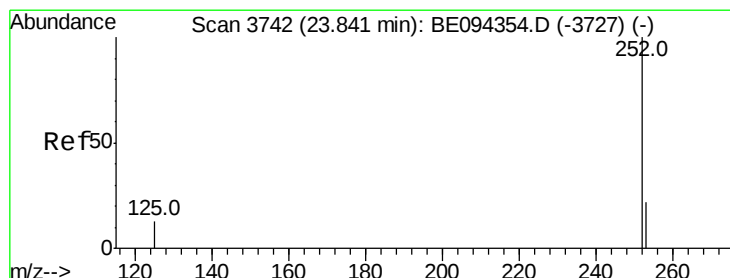
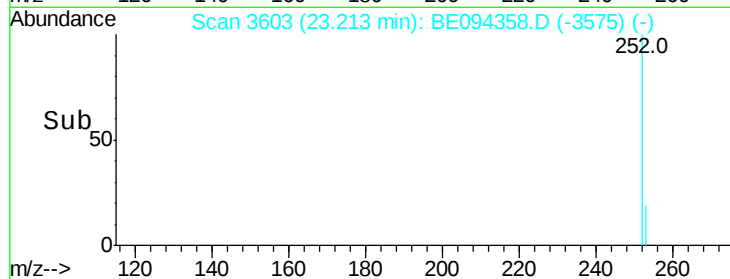
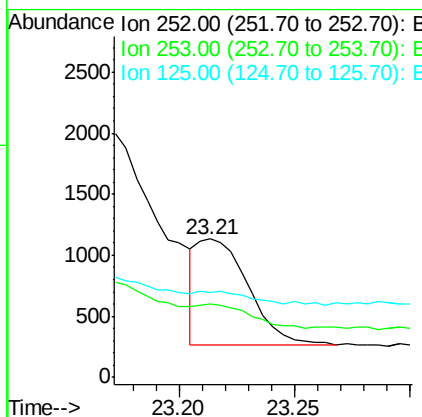
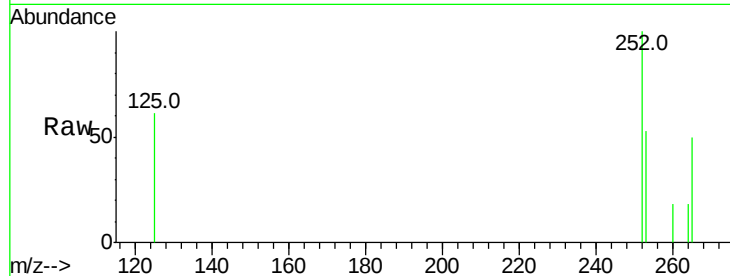
#22
Benzo(k)fluoranthene
Concen: 0.046 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.02 min
Lab File: BE094358.D
Acq: 14 Oct 2017 16:56

Instrument :
BNA_E
ClientSampleId :
C0AE2

Tot Ion	Ratio	Lower	Upper
252	100		
253	52.9	24.5	36.7#
125	61.1	13.7	20.5#

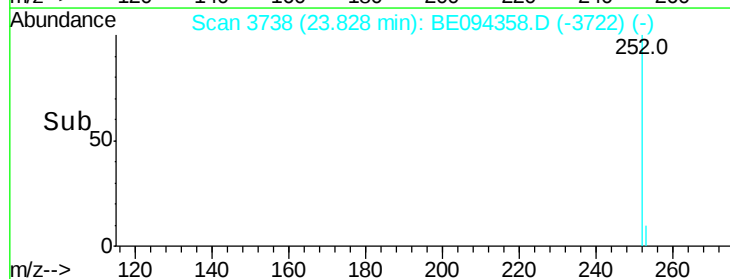
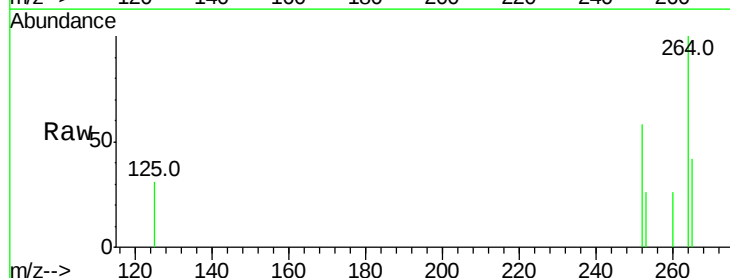
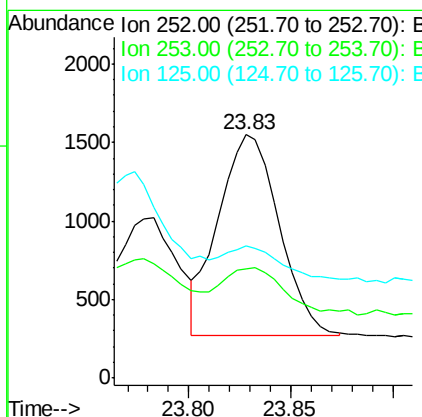
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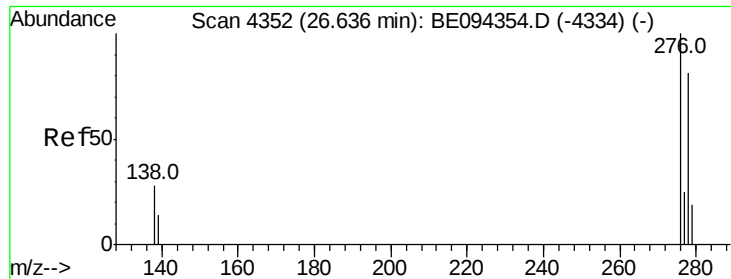
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#23
Benzo(a)pyrene
Concen: 0.101 ng/ul m
RT: 23.83 min Scan# 3738
Delta R.T. -0.03 min
Lab File: BE094358.D
Acq: 14 Oct 2017 16:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.0	28.5	42.7#
125	54.4	18.1	27.1#





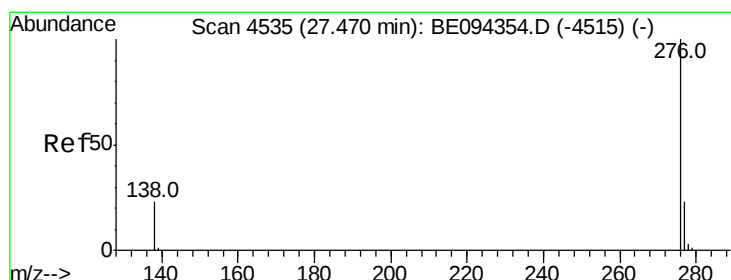
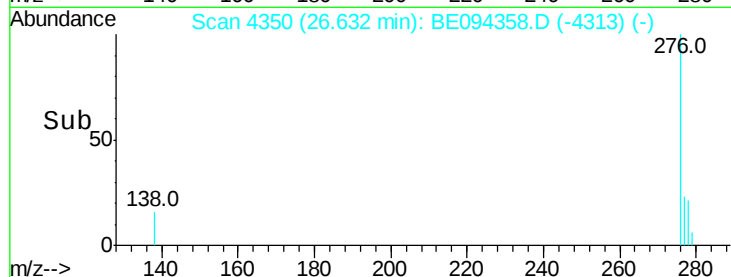
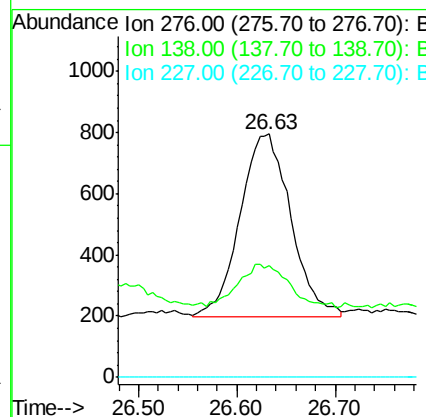
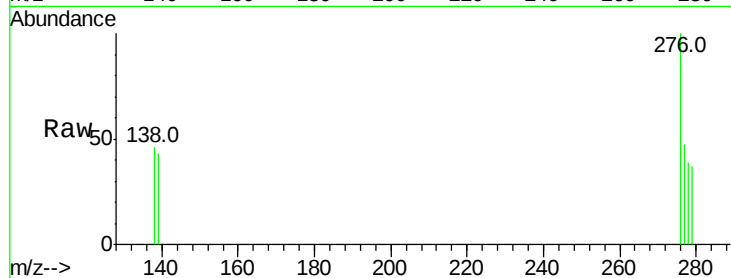
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.079 ng/ul m
 RT: 26.63 min Scan# 4350
 Delta R.T. -0.03 min
 Lab File: BE094358.D
 Acq: 14 Oct 2017 16:56

Instrument :
 BNA_E
 ClientSampleId :
 C0AE2

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

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#26
 Benzo(g,h,i)perylene
 Concen: 0.089 ng/ul m
 RT: 27.47 min Scan# 4533
 Delta R.T. -0.03 min
 Lab File: BE094358.D
 Acq: 14 Oct 2017 16:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	47.4	21.8	32.8#
277	49.0	20.5	30.7#

