

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094633.D
 Acq On : 28 Oct 2017 21:25
 Operator : SJ/JU
 Sample : I5842-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA7

Manual Integrations
 APPROVED

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Quant Time: Oct 30 04:48:38 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 04:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1870	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10627	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6053	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12601	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	13035	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11348m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4284	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	10140	0.27	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	3028	0.091	ng/ul#	92
15) Fluoranthene	19.31	202	8652	0.225	ng/ul	83
17) Pyrene	19.67	202	8245	0.205	ng/ul#	86
18) Benzo(a)anthracene	21.41	228	3371	0.090	ng/ul#	83
19) Chrysene	21.47	228	5239	0.136	ng/ul#	85
21) Benzo(b)fluoranthene	23.19	252	6728m	0.211	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	2420m	0.071	ng/ul	
23) Benzo(a)pyrene	23.85	252	3815m	0.120	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	2945m	0.089	ng/ul	
26) Benzo(g,h,i)perylene	27.53	276	2325m	0.088	ng/ul	

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

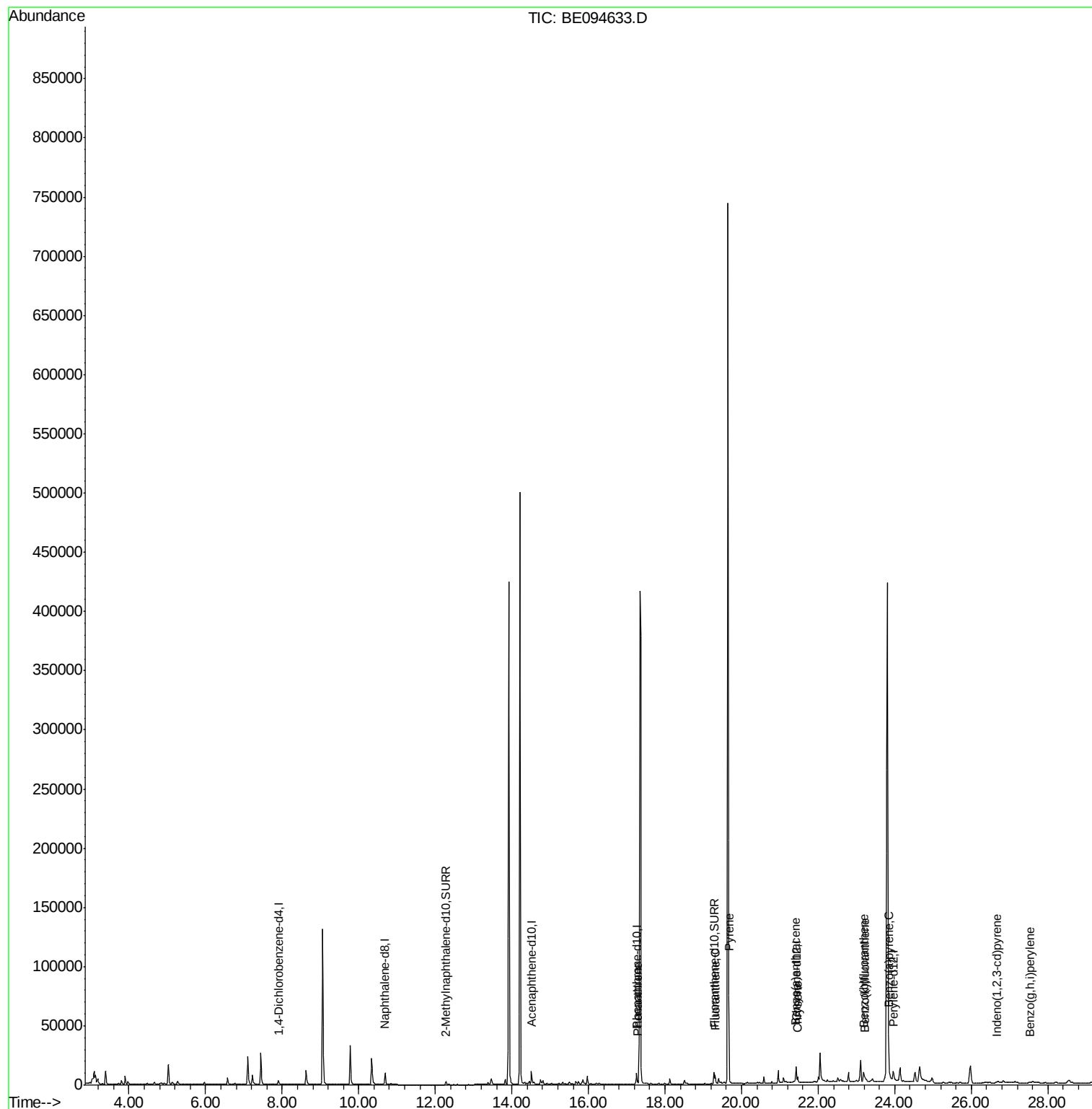
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

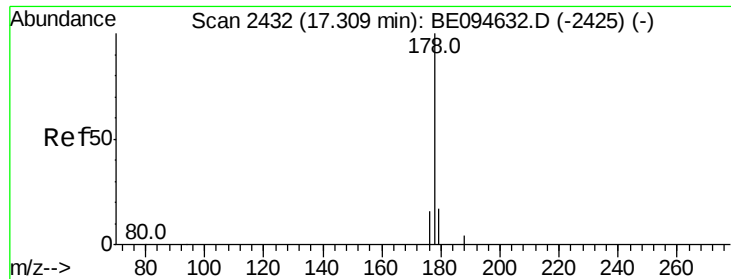
Instrument :
BNA_E
ClientSampleId :
C0AA7

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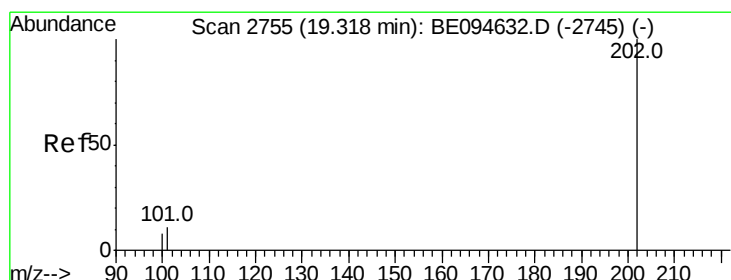
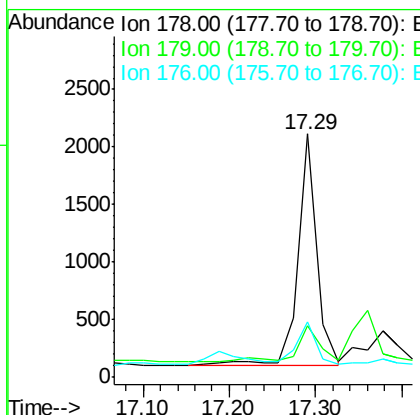
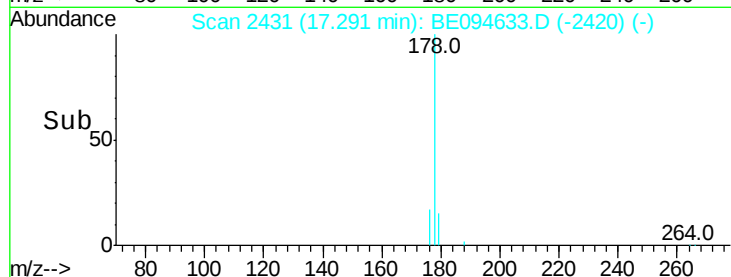
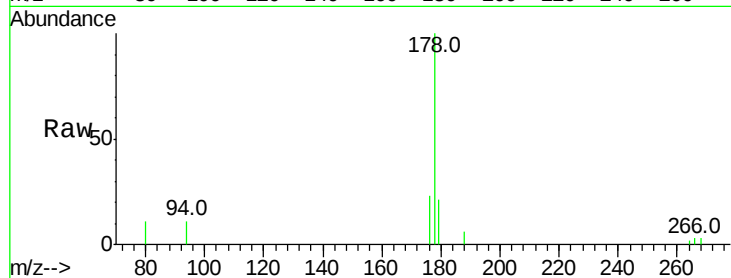
#12
Phenanthrene
Concen: 0.091 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094633.D
Acq: 28 Oct 2017 21:25

Instrument :
BNA_E
ClientSampleId :
C0AA7

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.2	18.4	27.6
176	22.6	13.6	20.4

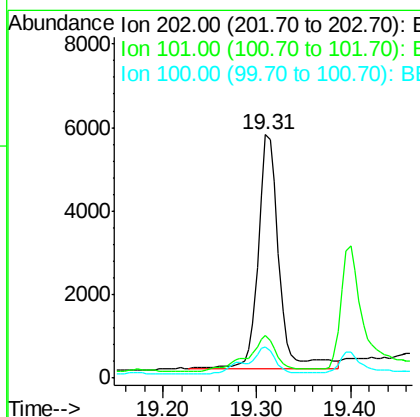
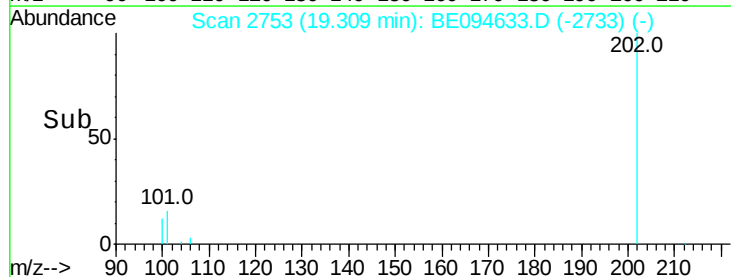
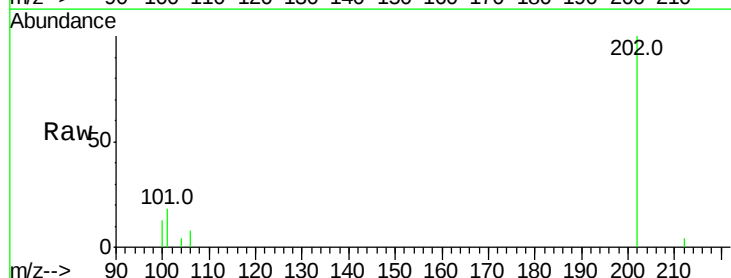
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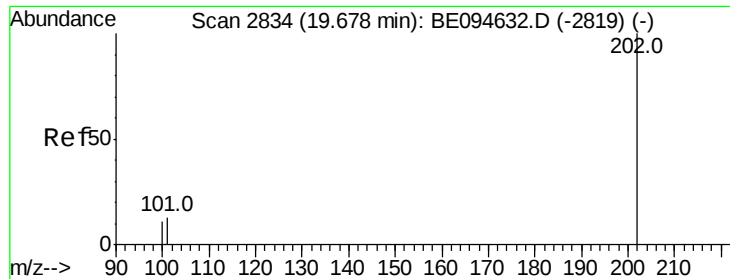
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#15
Fluoranthene
Concen: 0.225 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE094633.D
Acq: 28 Oct 2017 21:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.8	0.0	30.3
100	12.7	0.0	39.5





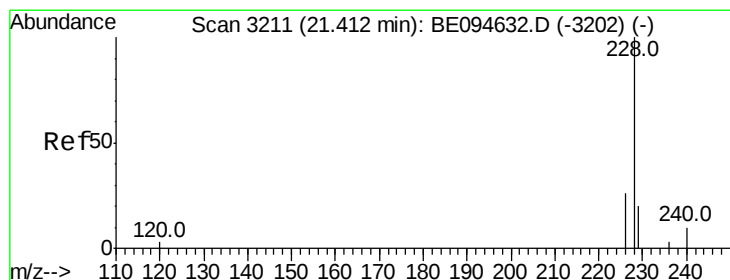
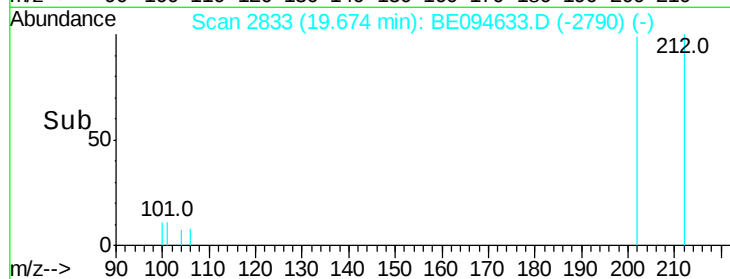
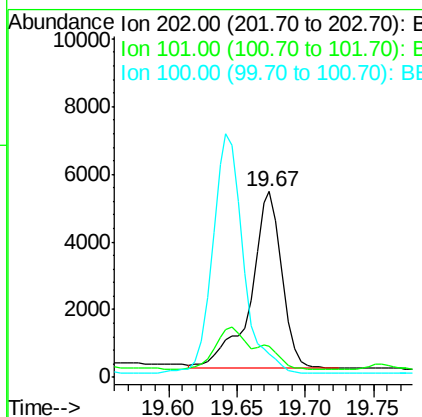
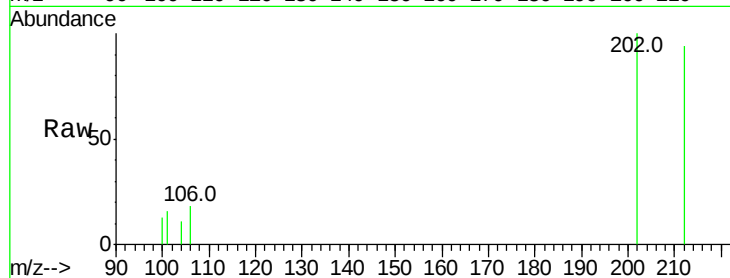
#17
Pvrene
Concen: 0.205 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BE094633.D
Acq: 28 Oct 2017 21:25

Instrument :
BNA_E
ClientSampleId :
C0AA7

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.5	18.2	27.4#
100	12.7	15.6	23.4#

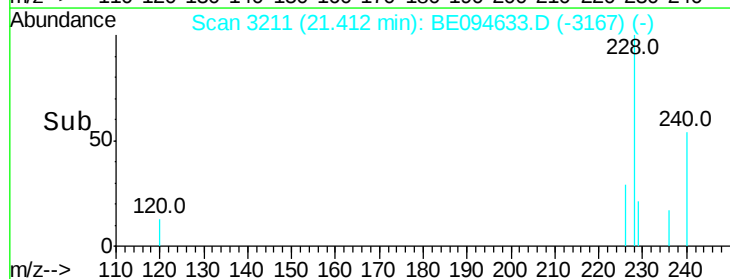
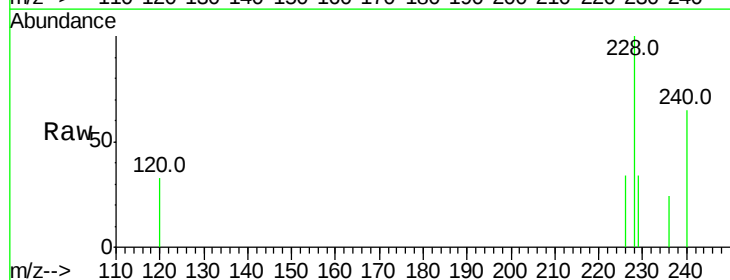
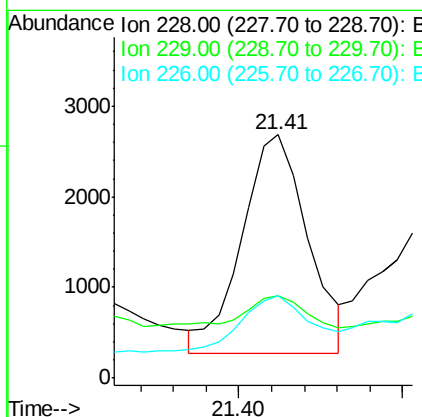
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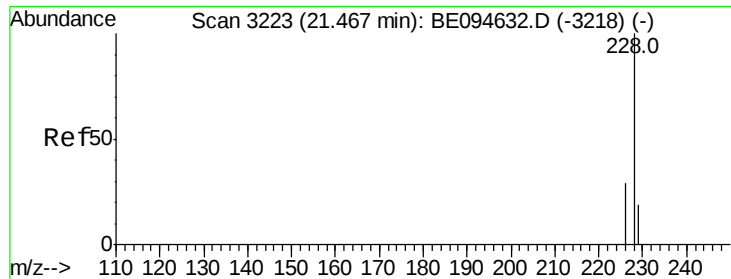
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#18
Benzo(a)anthracene
Concen: 0.090 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094633.D
Acq: 28 Oct 2017 21:25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	33.9	22.8	34.2
226	33.9	17.0	25.6#





#19

Chrysene

Concen: 0.136 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094633.D

Acq: 28 Oct 2017 21:25

Instrument :

BNA_E

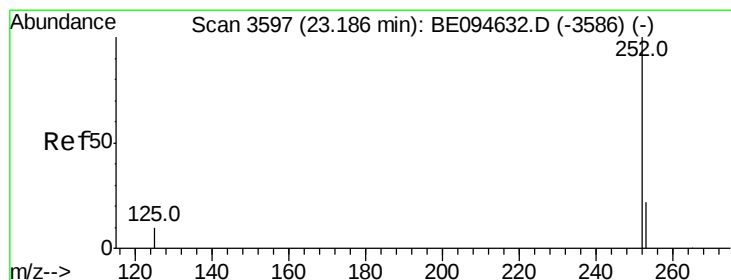
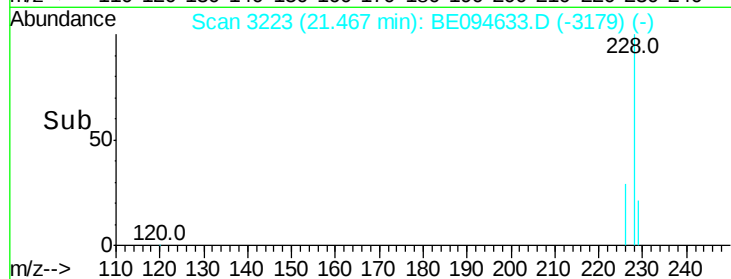
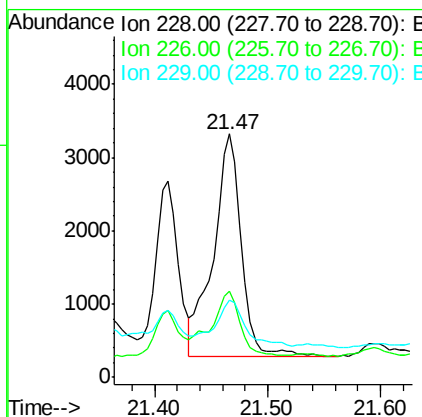
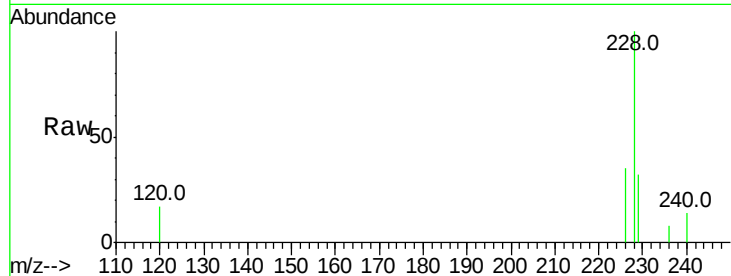
ClientSampleId :

C0AA7

Tot Ion:228	Resp:	5239
Ion Ratio	Lower	Upper
228 100		
226 35.1	23.4	35.0#
229 31.9	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.211 ng/ul m

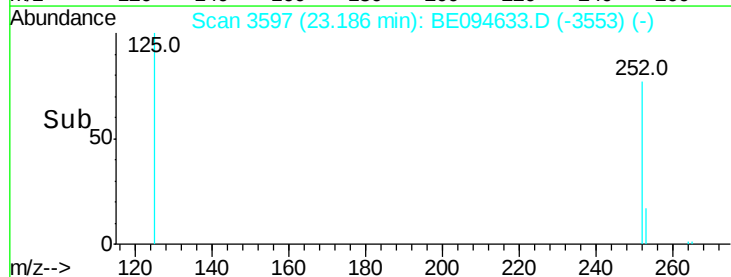
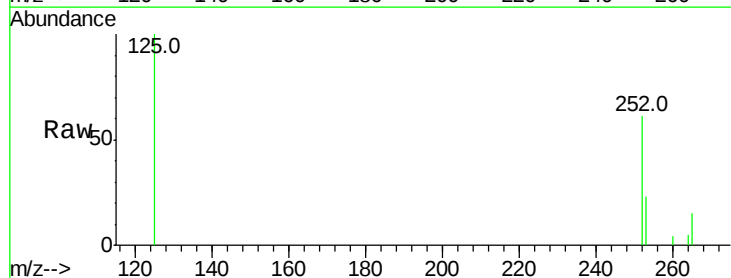
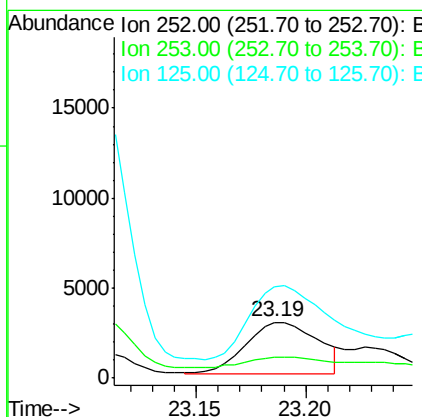
RT: 23.19 min Scan# 3597

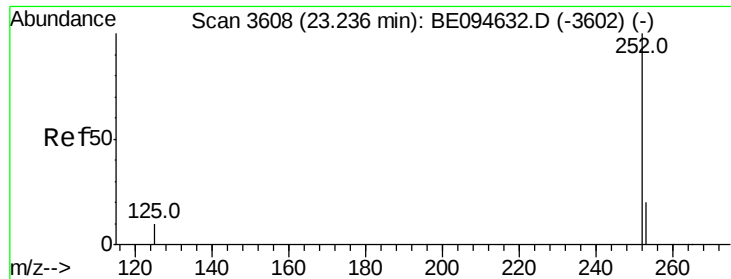
Delta R.T. -0.00 min

Lab File: BE094633.D

Acq: 28 Oct 2017 21:25

Tgt Ion:252	Resp:	6728
Ion Ratio	Lower	Upper
252 100		
253 38.2	0.0	64.2
125 163.6	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.071 ng/ul m

RT: 23.23 min Scan# 3606

Delta R.T. -0.01 min

Lab File: BE094633.D

Acq: 28 Oct 2017 21:25

Instrument :

BNA_E

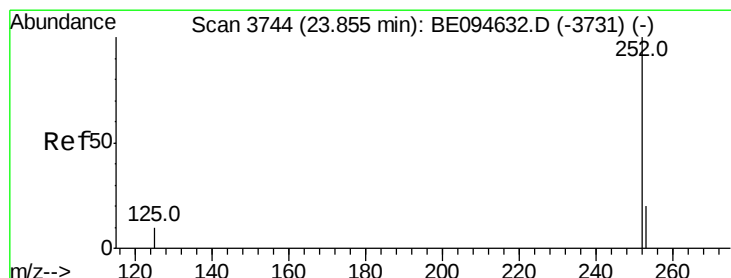
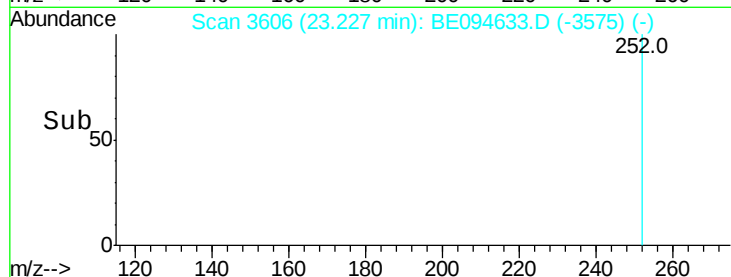
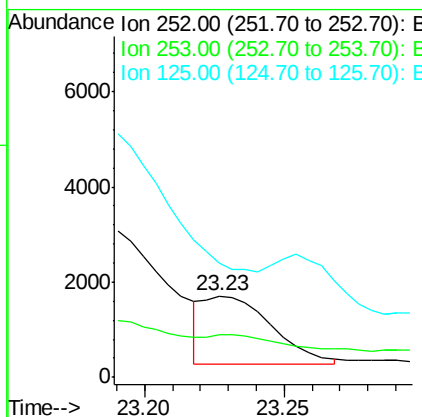
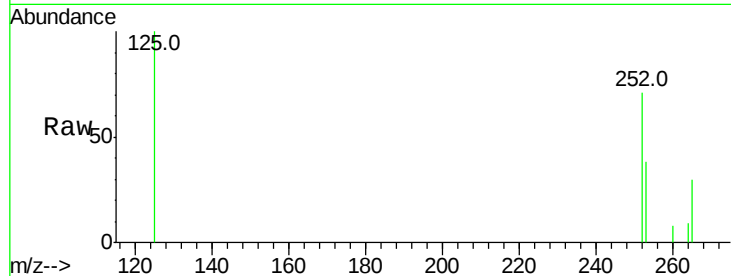
ClientSampleId :

C0AA7

Tot Ion:	252	Resp:	2420
Ion Ratio	Lower	Upper	
252	100		
253	53.1	24.5	36.7#
125	141.3	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.120 ng/ul m

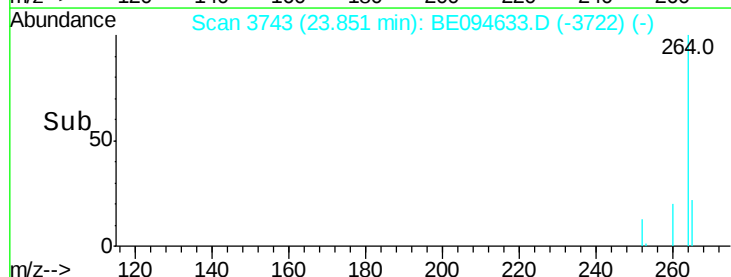
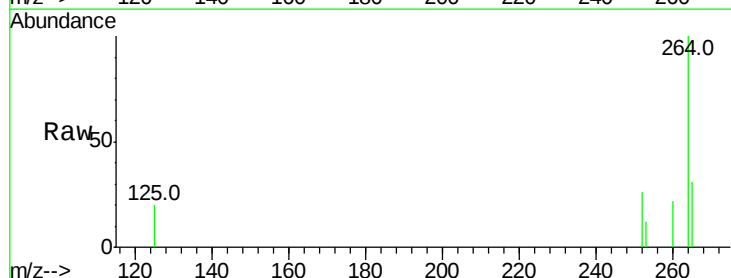
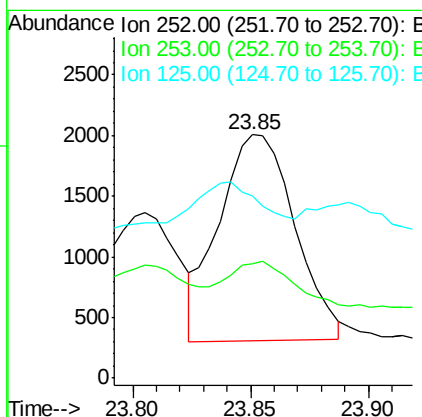
RT: 23.85 min Scan# 3743

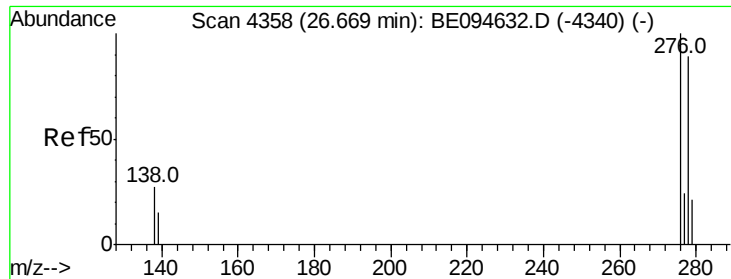
Delta R.T. -0.00 min

Lab File: BE094633.D

Acq: 28 Oct 2017 21:25

Tgt Ion:	252	Resp:	3815
Ion Ratio	Lower	Upper	
252	100		
253	46.9	28.5	42.7#
125	75.0	18.1	27.1#





#24

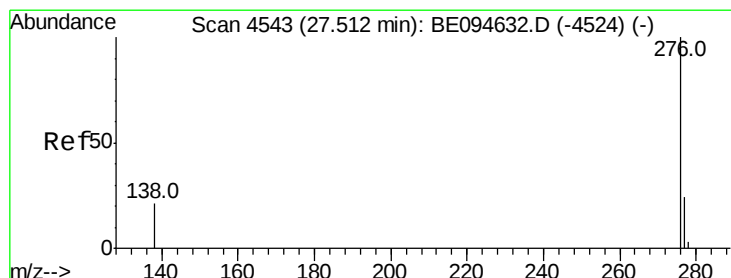
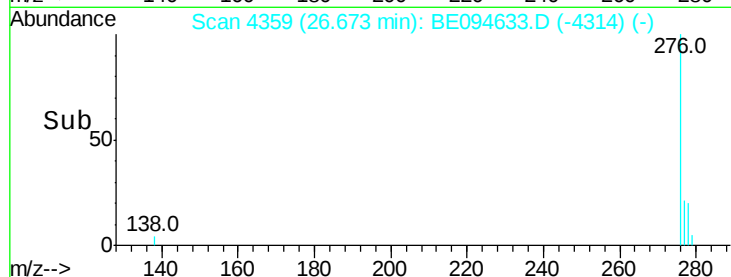
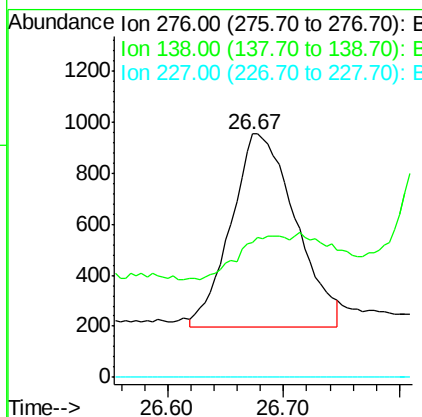
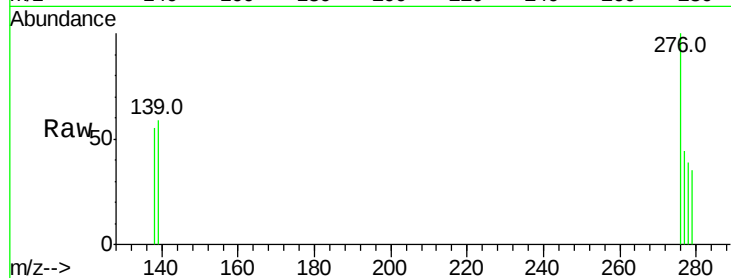
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng/ul m
RT: 26.67 min Scan# 4359
Delta R.T. 0.00 min
Lab File: BE094633.D
Acq: 28 Oct 2017 21:25

Instrument :
BNA_E
ClientSampleId :
C0AA7

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.3	28.0	42.0#
227	0.0	8.0	12.0#

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#26

Benzo(g,h,i)perylene
Concen: 0.088 ng/ul m
RT: 27.53 min Scan# 4547
Delta R.T. 0.02 min
Lab File: BE094633.D
Acq: 28 Oct 2017 21:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	69.7	21.8	32.8#
277	56.4	20.5	30.7#

