

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
 Data File : BE094657.D
 Acq On : 31 Oct 2017 14:22
 Operator : SJ/JU
 Sample : I5842-03DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3DL

Manual Integrations
 APPROVED

Sohil
 11/1/2017 4:29:40 PM

Quant Time: Nov 01 02:11:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 01:43:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1543	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9412	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5344	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11755	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12030	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11819	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	327	0.02	ng/ul	0.01
14) Fluoranthene-d10	19.28	212	744	0.02	ng/ul	0.00

Target Compounds				Ovalue		
8) Acenaphthene	14.58	153	564	0.032	ng/ul#	93
9) Fluorene	15.57	166	485	0.025	ng/ul#	86
12) Phenanthrene	17.29	178	9976	0.321	ng/ul#	88
13) Anthracene	17.40	178	1919	0.063	ng/ul	94
15) Fluoranthene	19.31	202	28246	0.787	ng/ul	84
17) Pyrene	19.67	202	22284	0.599	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	6822	0.198	ng/ul#	88
19) Chrysene	21.46	228	12056	0.339	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	9532m	0.287	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	3315m	0.093	ng/ul	
23) Benzo(a)pyrene	23.85	252	4135	0.124	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.67	276	2309	0.067	ng/ul#	74
26) Benzo(g,h,i)perylene	27.51	276	1732	0.063	ng/ul#	64

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

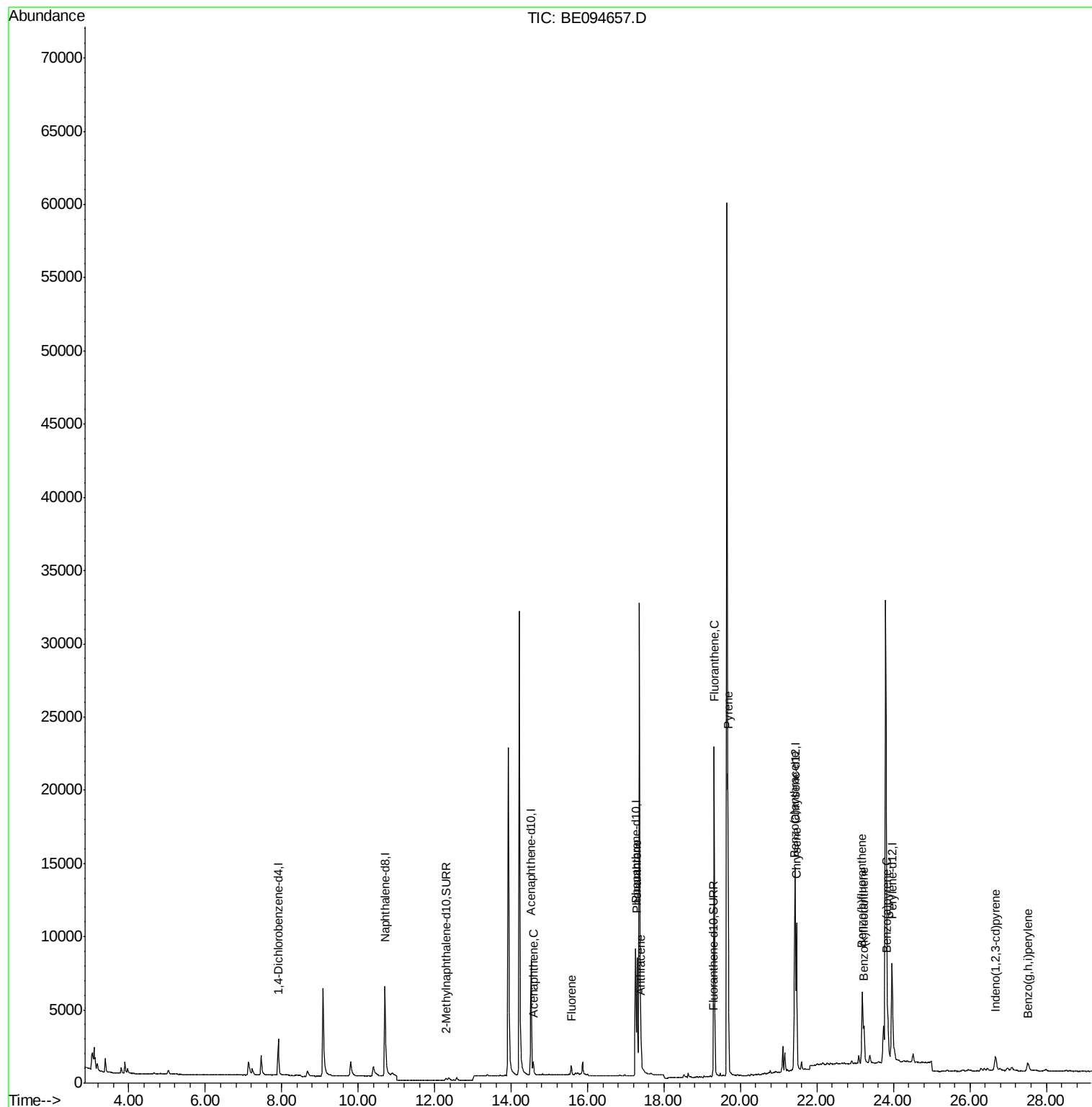
Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
Data File : BE094657.D
Acq On : 31 Oct 2017 14:22
Operator : SJ/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

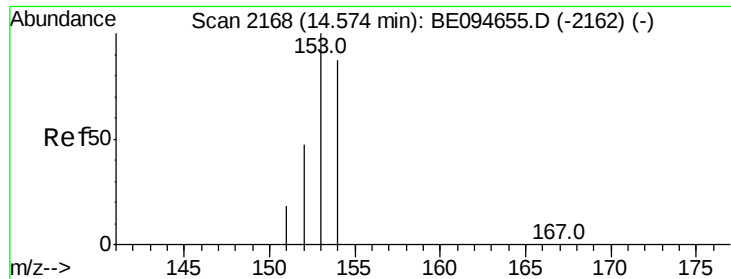
Instrument :
BNA_E
ClientSampleId :
C0AA3DL

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Quant Time: Nov 01 02:11:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 01:43:26 2017
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.032 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

Instrument :

BNA_E

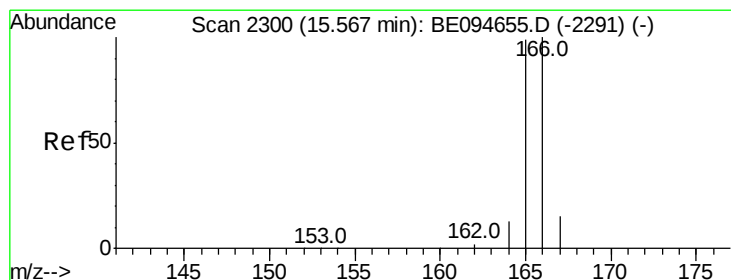
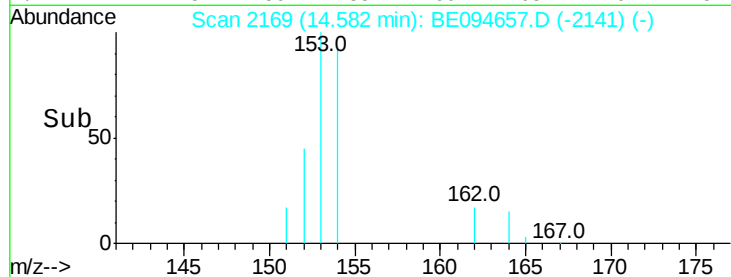
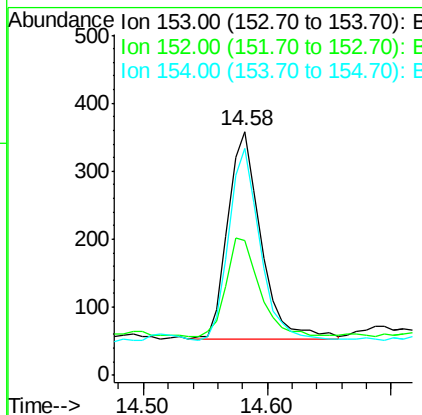
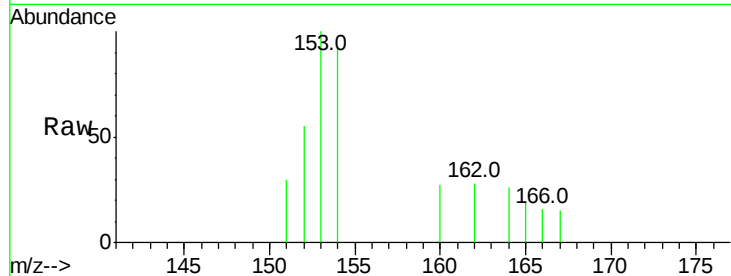
ClientSampleId :

C0AA3DL

Tot Ion:	153	Resp:	564
Ion Ratio	Lower	Upper	
153	100		
152	55.3	36.0	54.0#
154	93.0	72.0	108.0#

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#9

Fluorene

Concen: 0.025 ng/ul

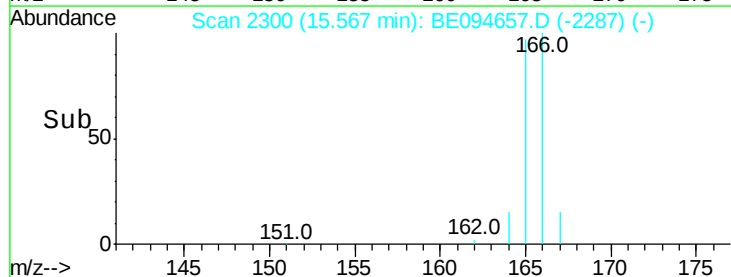
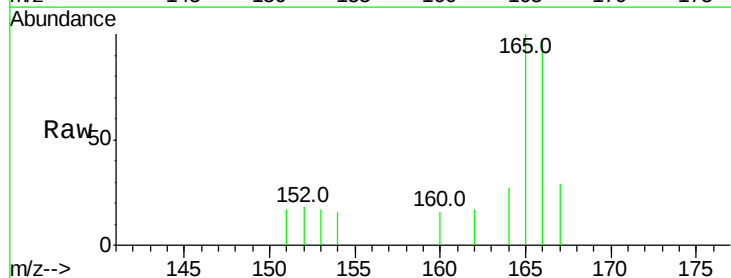
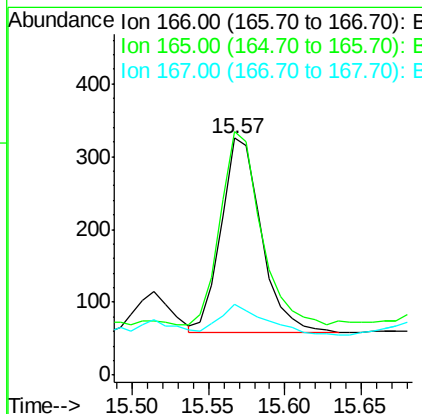
RT: 15.57 min Scan# 2300

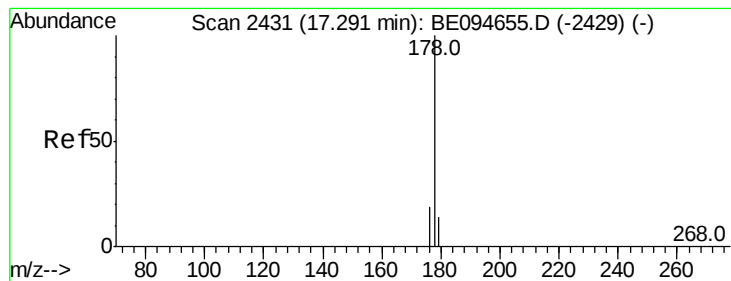
Delta R.T. -0.00 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

Tgt Ion:	166	Resp:	485
Ion Ratio	Lower	Upper	
166	100		
165	102.8	73.4	110.2
167	29.8	14.6	22.0#





#12

Phenanthrene

Concen: 0.321 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

Instrument :

BNA_E

ClientSampleId :

C0AA3DL

Tot Ion:178 Resp: 9976

Ion Ratio Lower Upper

178 100

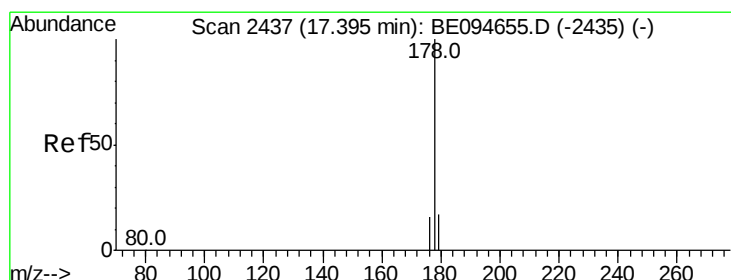
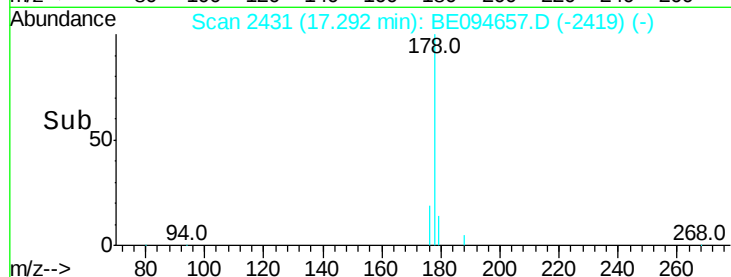
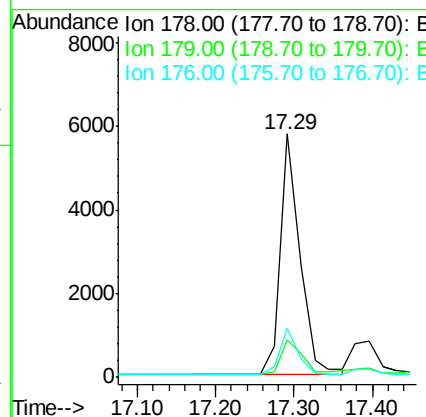
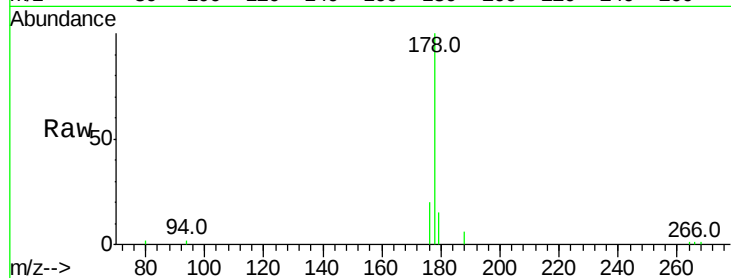
179 15.4 18.4 27.6#

176 20.1 13.6 20.4

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#13

Anthracene

Concen: 0.063 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

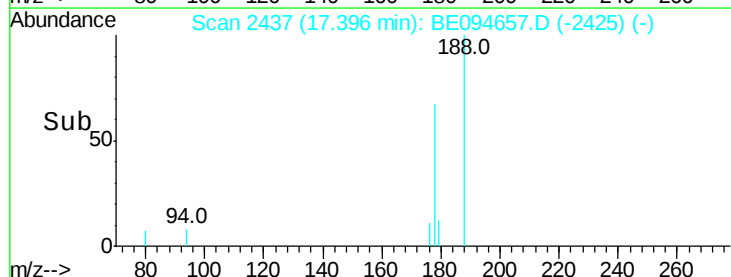
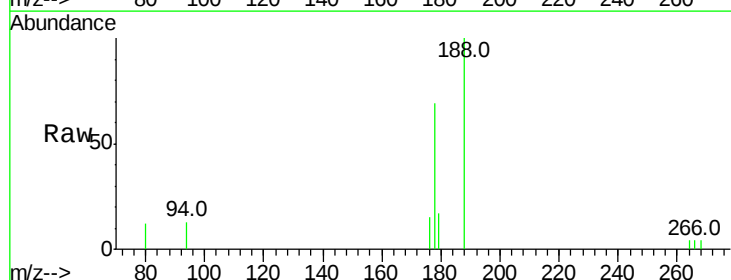
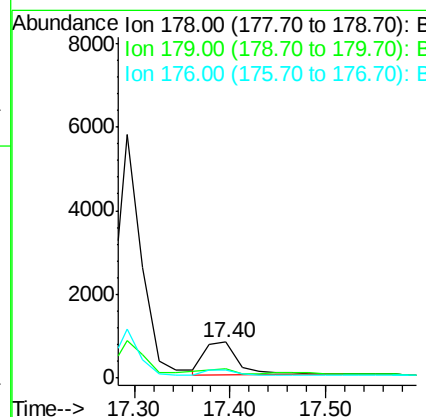
Tgt Ion:178 Resp: 1919

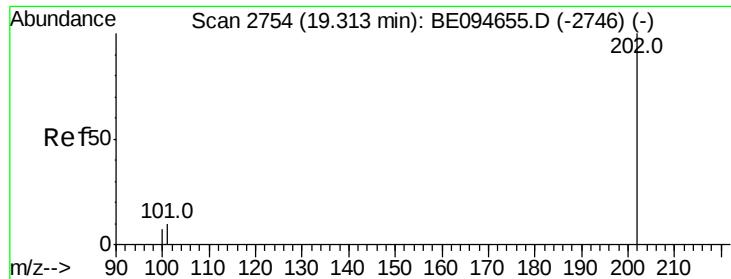
Ion Ratio Lower Upper

178 100

179 24.6 18.1 27.1

176 21.6 14.7 22.1





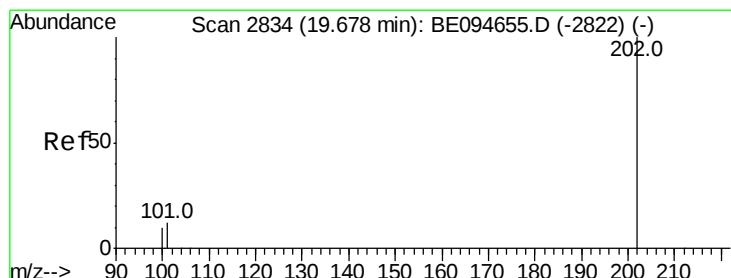
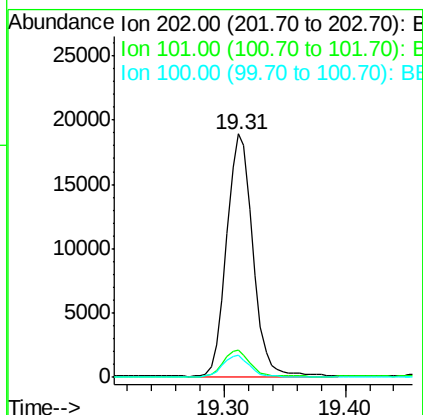
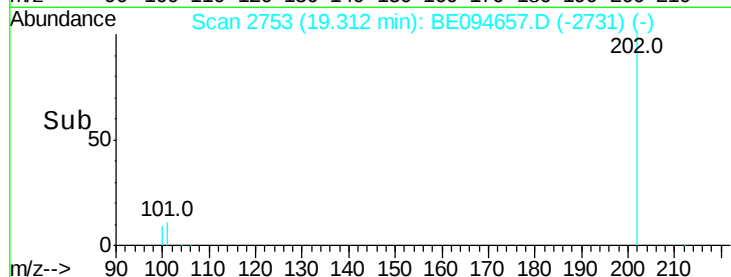
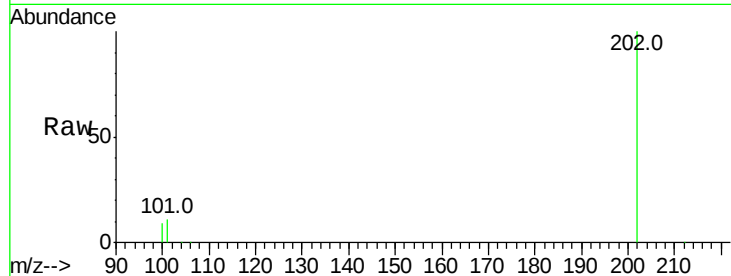
#15
Fluoranthene
Concen: 0.787 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE094657.D
Acq: 31 Oct 2017 14:22

Instrument :
BNA_E
ClientSampled :
C0AA3DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	30.3
100	9.1	0.0	39.5

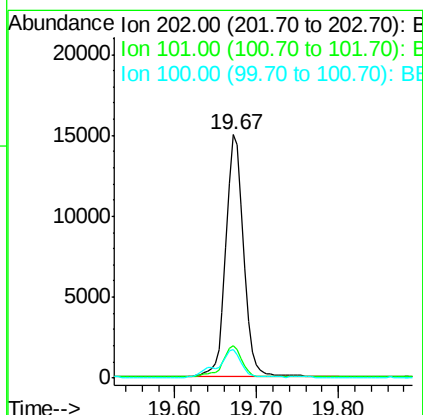
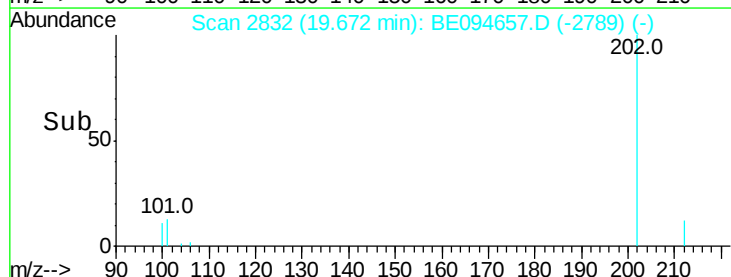
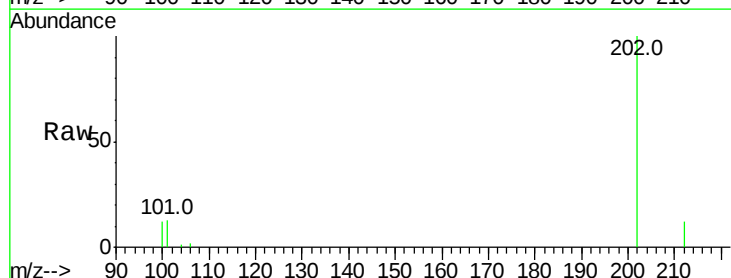
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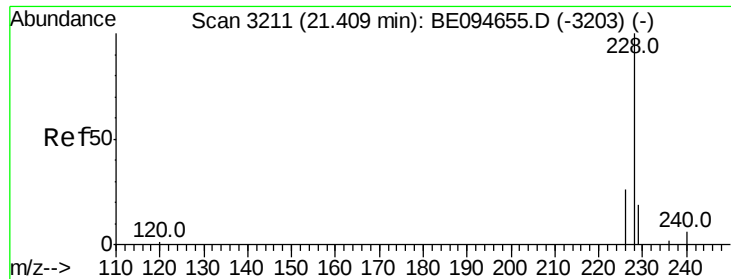
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#17
Pyrene
Concen: 0.599 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BE094657.D
Acq: 31 Oct 2017 14:22

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.6	15.6	23.4#





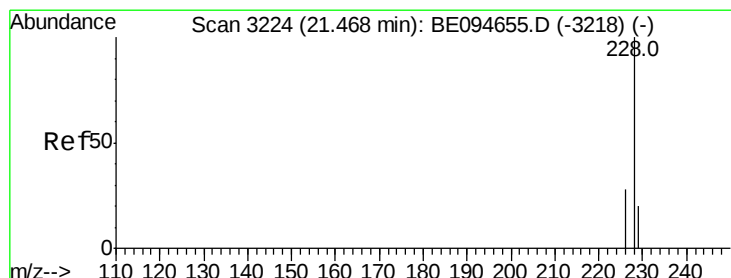
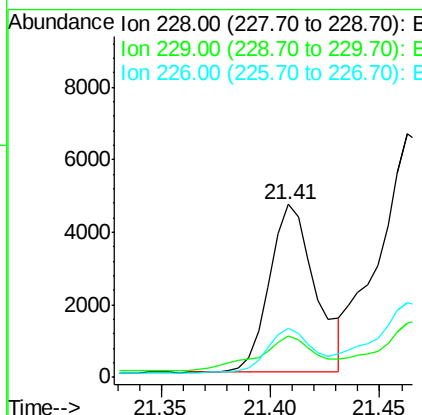
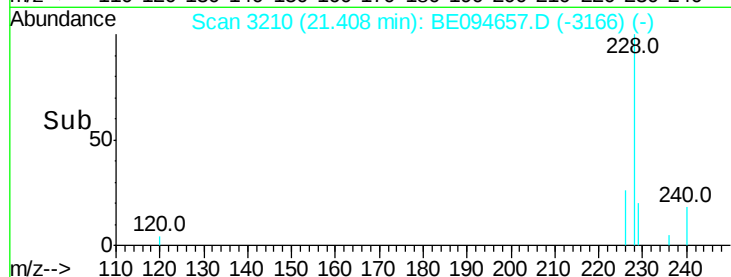
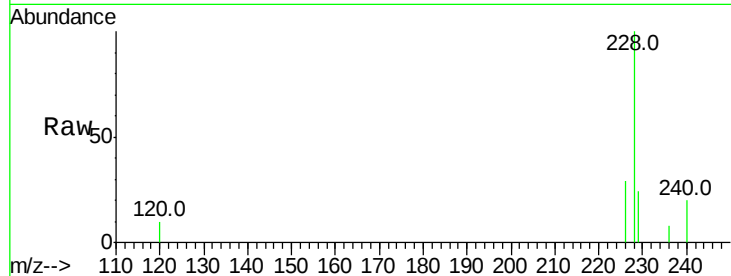
#18
Benzo(a)anthracene
Concen: 0.198 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094657.D
Acq: 31 Oct 2017 14:22

Instrument :
BNA_E
ClientSampleId :
C0AA3DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.8	22.8	34.2
226	28.6	17.0	25.6

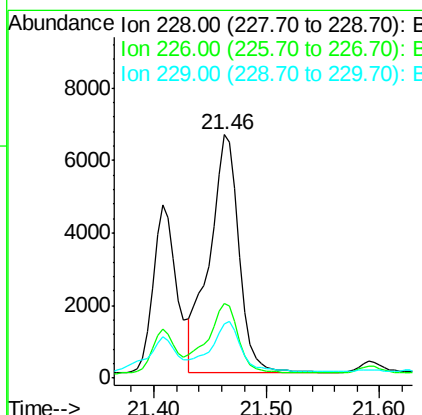
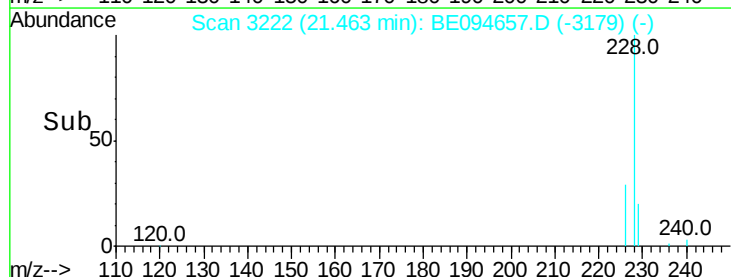
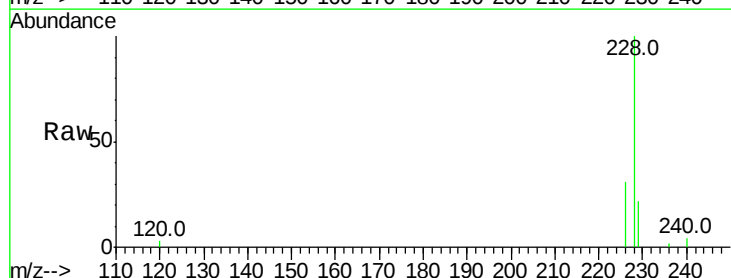
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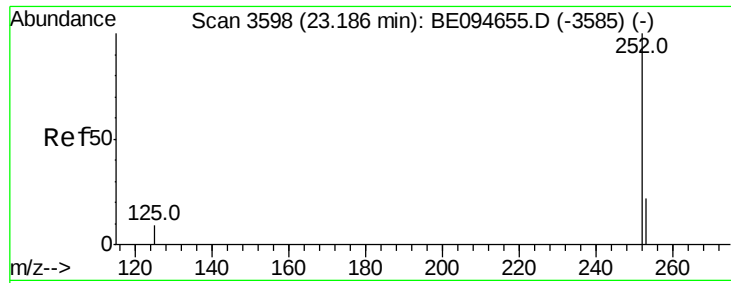
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#19
Chrysene
Concen: 0.339 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BE094657.D
Acq: 31 Oct 2017 14:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	22.3	17.7	26.5





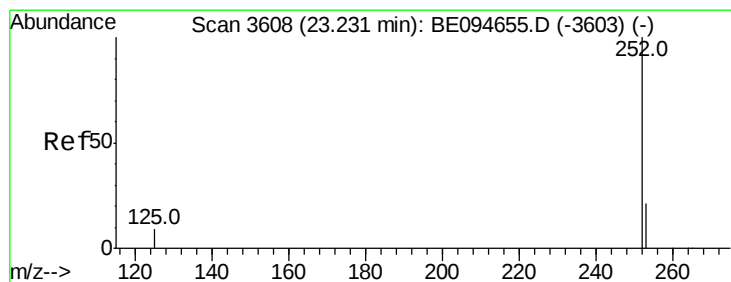
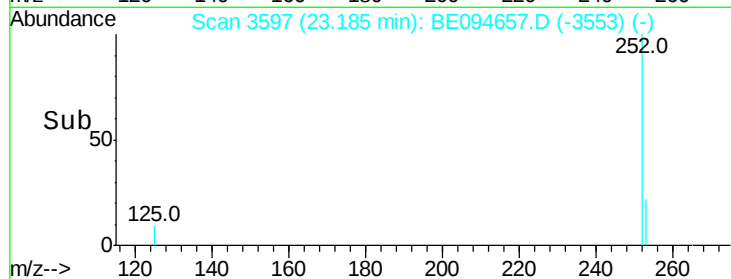
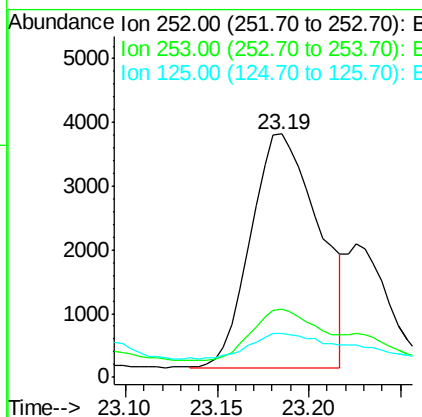
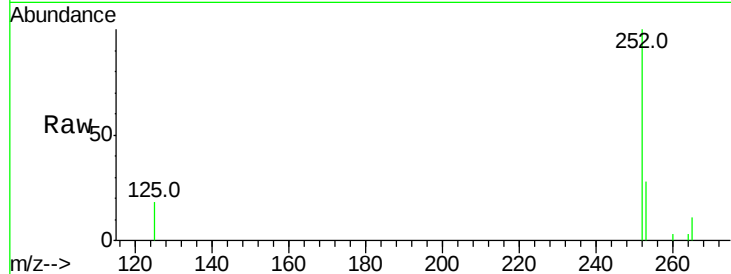
#21
Benzo(b)fluoranthene
Concen: 0.287 ng/ul m
RT: 23.19 min Scan# 3597
Delta R.T. -0.00 min
Lab File: BE094657.D
Acq: 31 Oct 2017 14:22

Instrument :
BNA_E
ClientSampleId :
C0AA3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	64.2
125	17.8	0.0	35.0

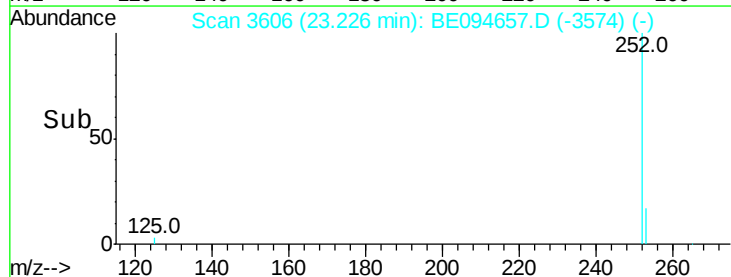
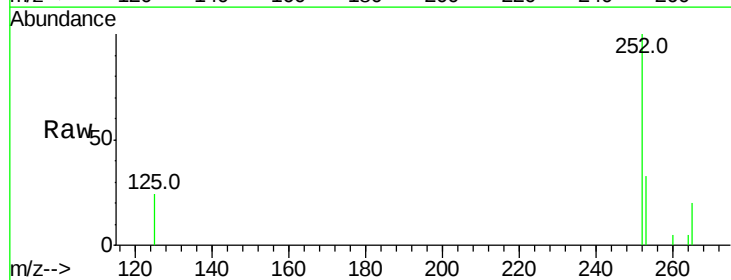
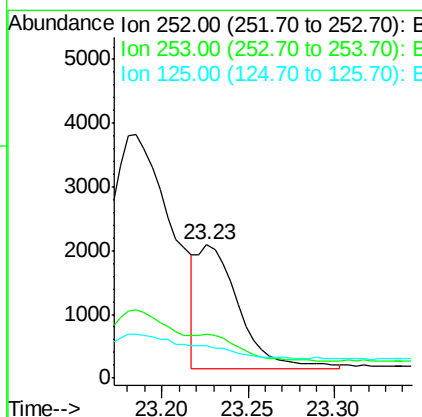
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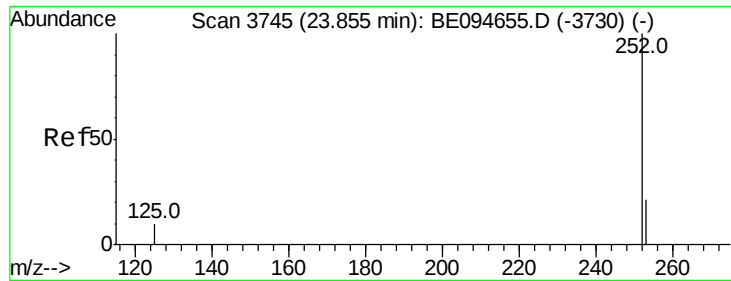
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#22
Benzo(k)fluoranthene
Concen: 0.093 ng/ul m
RT: 23.23 min Scan# 3606
Delta R.T. -0.01 min
Lab File: BE094657.D
Acq: 31 Oct 2017 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.0	24.5	36.7
125	23.9	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.124 ng/ul

RT: 23.85 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

Instrument :

BNA_E

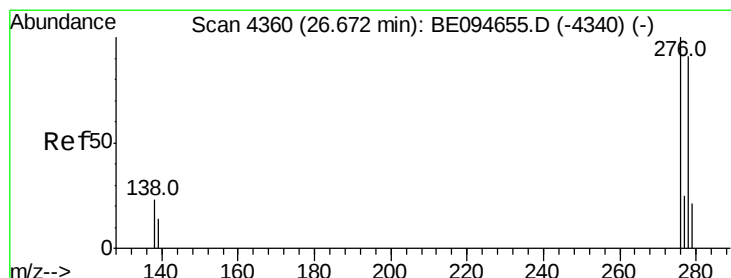
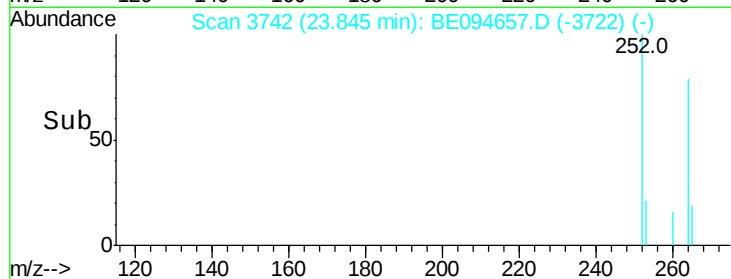
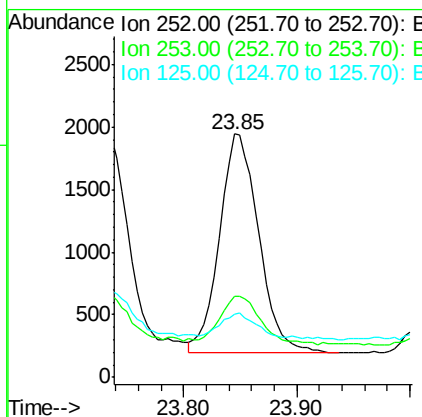
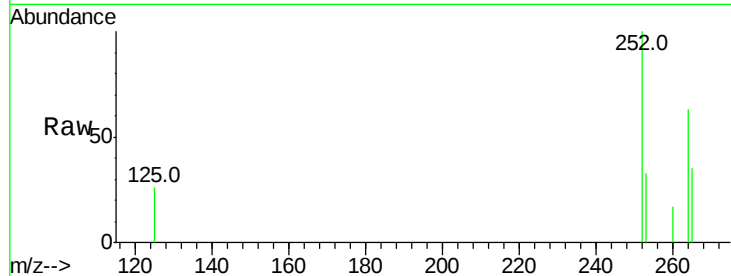
ClientSampled :

C0AA3DL

Tot Ion:	252	Resp:	4135
Ion Ratio	Lower	Upper	
252	100		
253	33.3	28.5	42.7
125	26.1	18.1	27.1

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.067 ng/ul

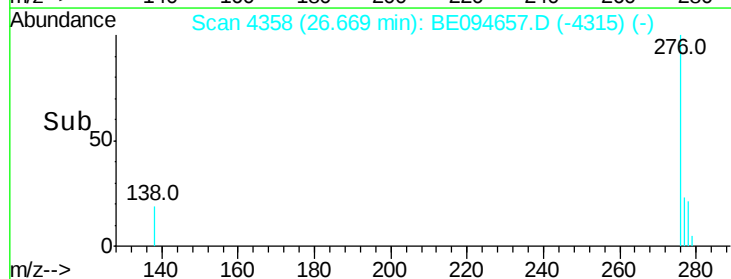
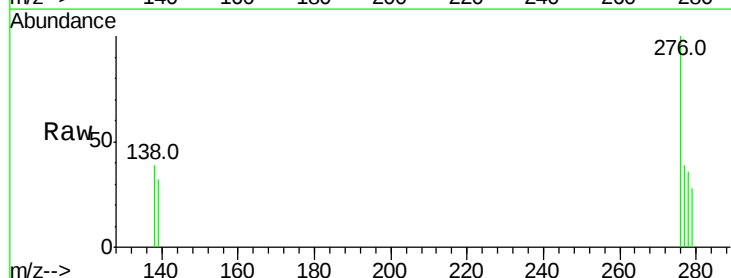
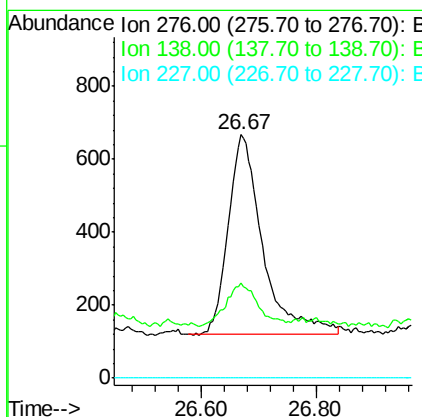
RT: 26.67 min Scan# 4358

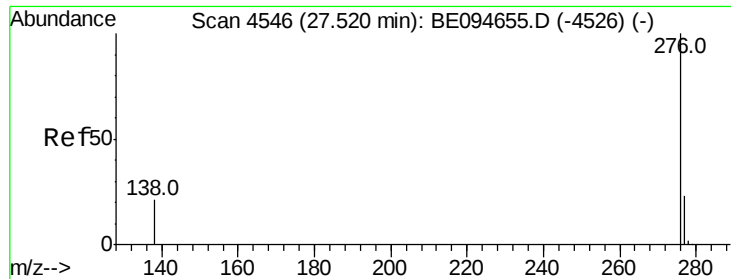
Delta R.T. -0.00 min

Lab File: BE094657.D

Acq: 31 Oct 2017 14:22

Tgt Ion:	276	Resp:	2309
Ion Ratio	Lower	Upper	
276	100		
138	20.0	28.0	42.0#
227	0.0	8.0	12.0#





#26
 Benzo(a,h,i)perylene
 Concen: 0.063 ng/ul
 RT: 27.51 min Scan# 4543
 Delta R.T. -0.01 min
 Lab File: BE094657.D
 Acq: 31 Oct 2017 14:22

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	45.6	21.8	32.8#
277	44.5	20.5	30.7#

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