

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094835.D
 Acq On : 22 Nov 2017 17:07
 Operator : SJ/JU
 Sample : I6514-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD0

Manual Integrations
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Quant Time: Nov 23 01:52:48 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 00:56:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	752	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.67	136	4893	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.50	164	3493	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	8523m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8767	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	7478m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2523	0.32	ng/ul	0.01
14) Fluoranthene-d10	19.27	212	7982	0.27	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.27	178	1524m	0.067	ng/ul	
13) Anthracene	17.36	178	774m	0.033	ng/ul	
15) Fluoranthene	19.30	202	10206	0.340	ng/ul	83
17) Pyrene	19.66	202	10308	0.376	ng/ul#	83
18) Benzo(a)anthracene	21.41	228	7046	0.264	ng/ul#	90
19) Chrysene	21.46	228	6548	0.246	ng/ul	96
21) Benzo(b)fluoranthene	23.18	252	6239m	0.280	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	2455m	0.104	ng/ul	
23) Benzo(a)pyrene	23.83	252	3791m	0.171	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.68	276	2107m	0.087	ng/ul	
25) Dibenzo(a,h)anthracene	26.66	278	635m	0.031	ng/ul	
26) Benzo(g,h,i)perylene	27.53	276	1582m	0.078	ng/ul	

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

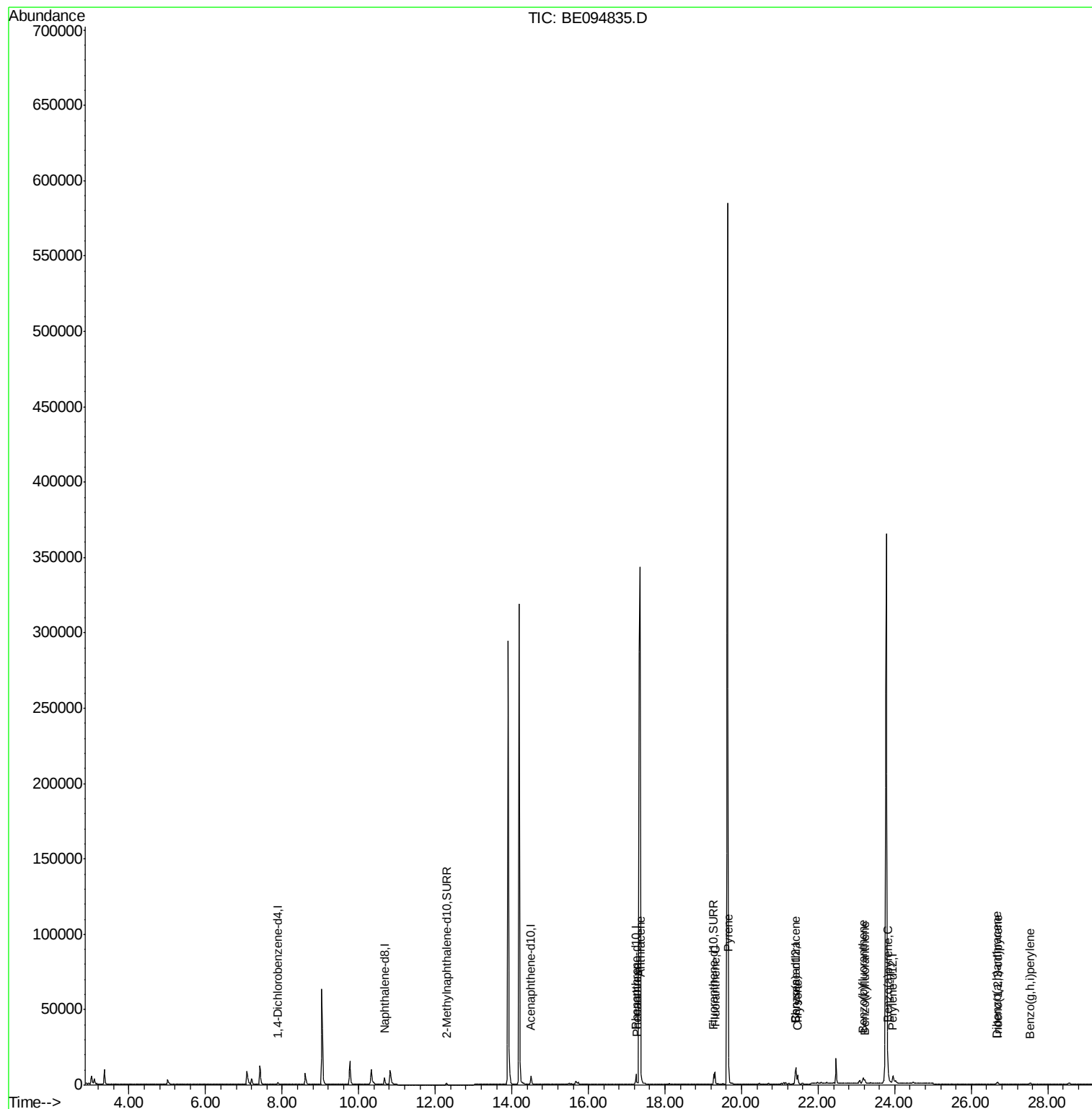
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094835.D
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ALS Vial : 12 Sample Multiplier: 1

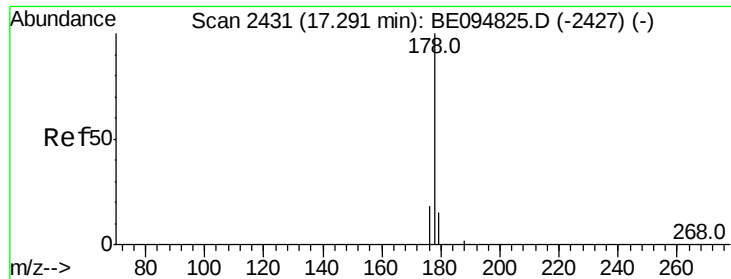
Instrument :
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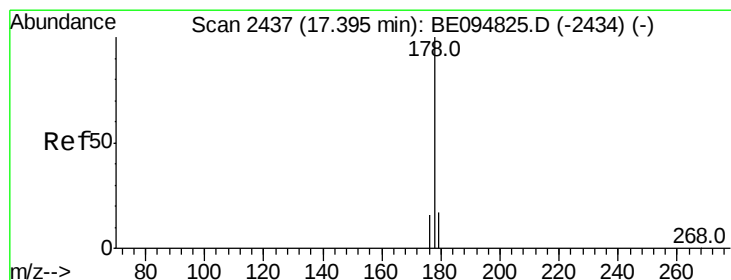
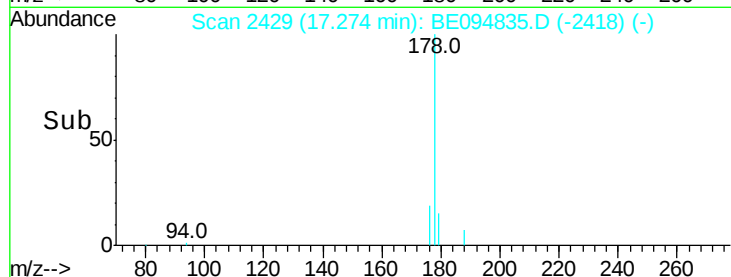
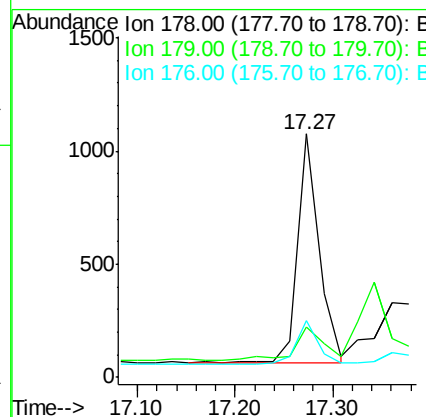
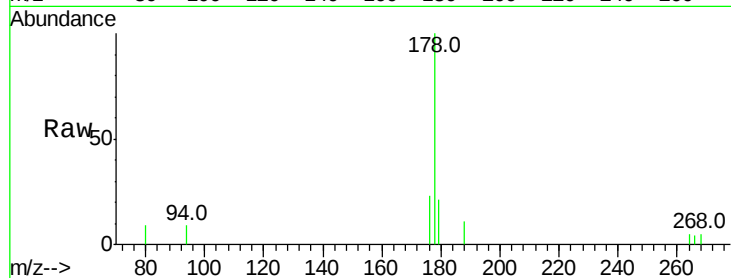
#12
Phenanthrene
Concen: 0.067 ng/ul m
RT: 17.27 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BE094835.D
Acq: 22 Nov 2017 17:07

Instrument :
BNA_E
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.8	18.4	27.6
176	23.2	13.6	20.4

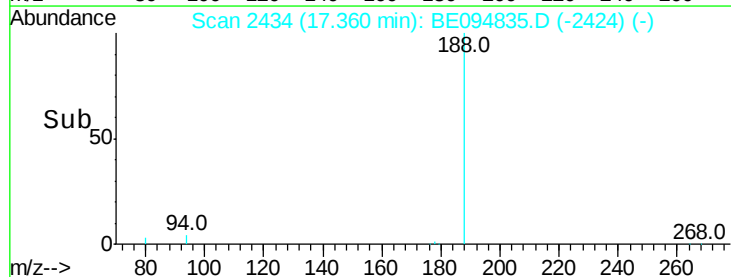
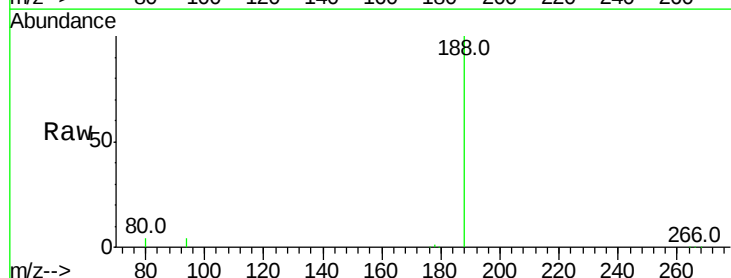
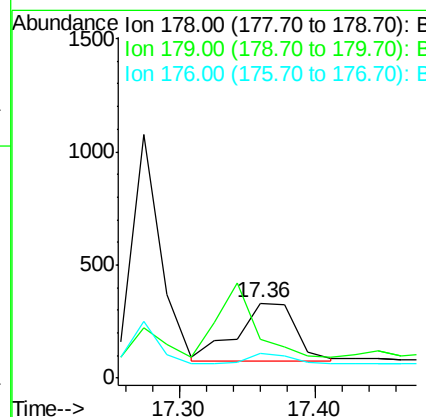
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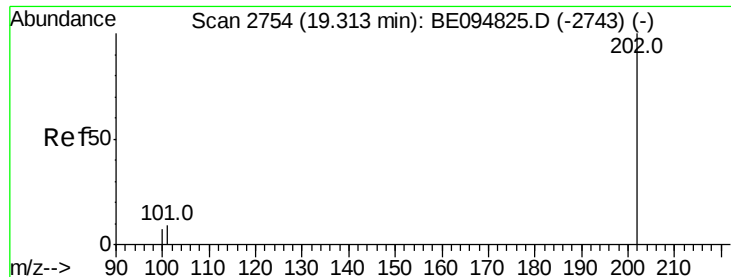
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#13
Anthracene
Concen: 0.033 ng/ul m
RT: 17.36 min Scan# 2434
Delta R.T. -0.03 min
Lab File: BE094835.D
Acq: 22 Nov 2017 17:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	51.8	18.1	27.1
176	33.3	14.7	22.1





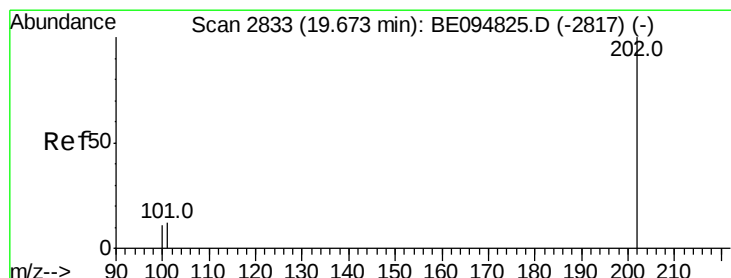
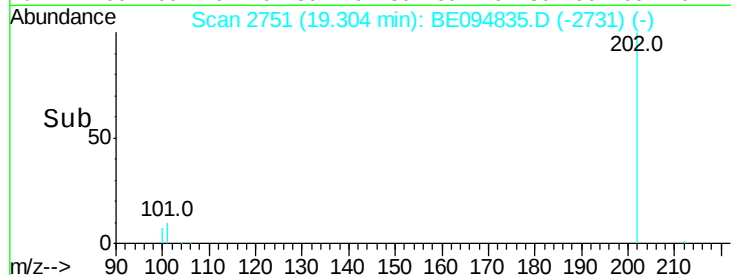
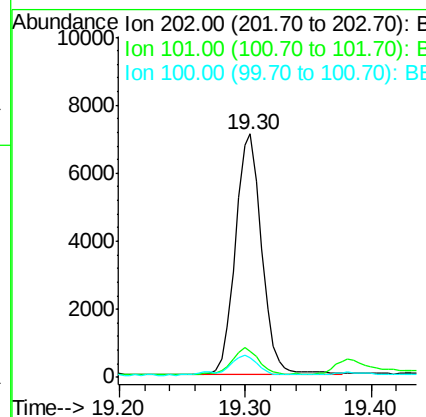
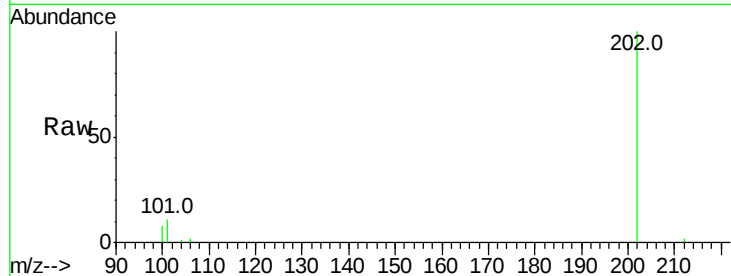
#15
Fluoranthene
 Concen: 0.340 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BE094835.D
 Acq: 22 Nov 2017 17:07

Instrument :
 BNA_E
 ClientSampleId :
 C0AD0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.0	0.0	39.5

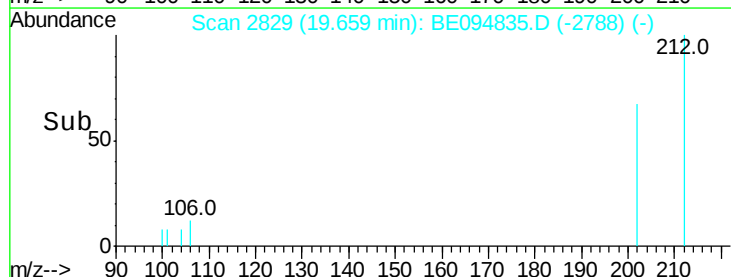
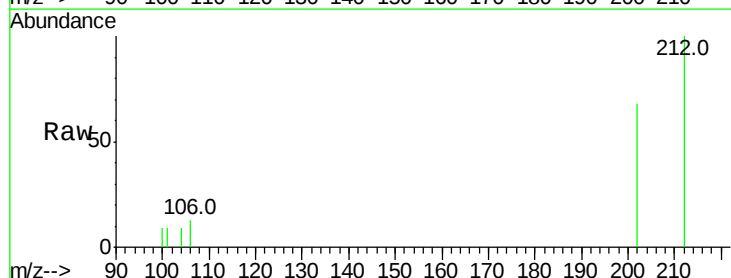
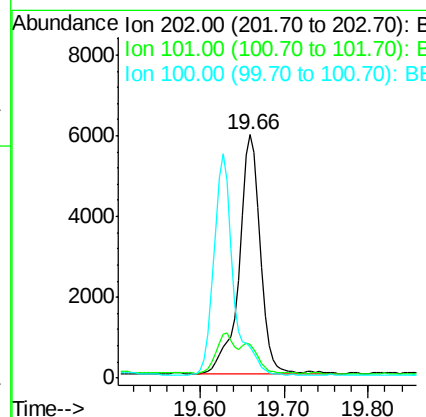
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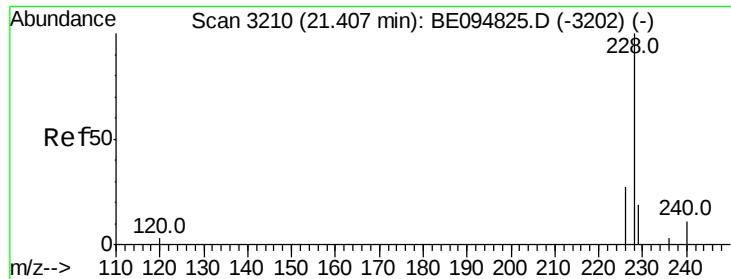
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#17
Pyrene
 Concen: 0.376 ng/ul
 RT: 19.66 min Scan# 2829
 Delta R.T. -0.01 min
 Lab File: BE094835.D
 Acq: 22 Nov 2017 17:07

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.9	18.2	27.4#
100	12.8	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.264 ng/ul

RT: 21.41 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BE094835.D

Acq: 22 Nov 2017 17:07

Instrument :

BNA_E

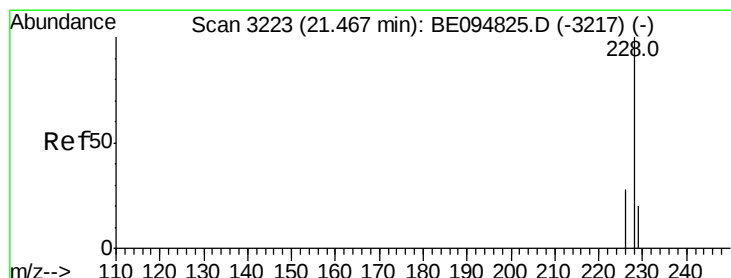
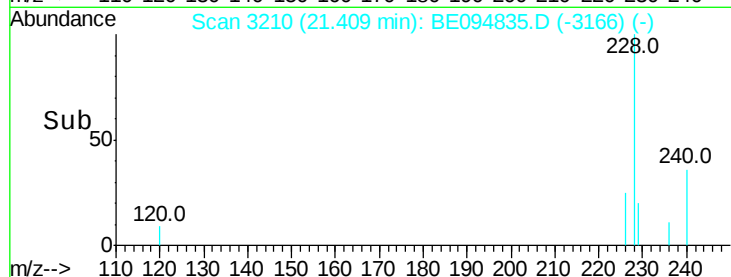
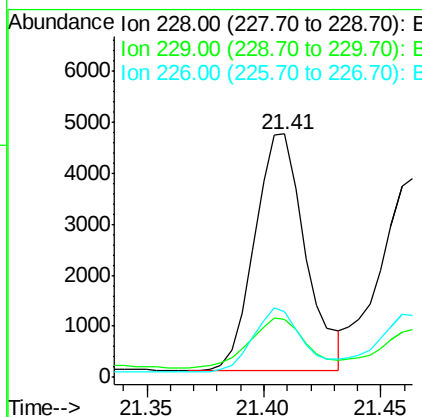
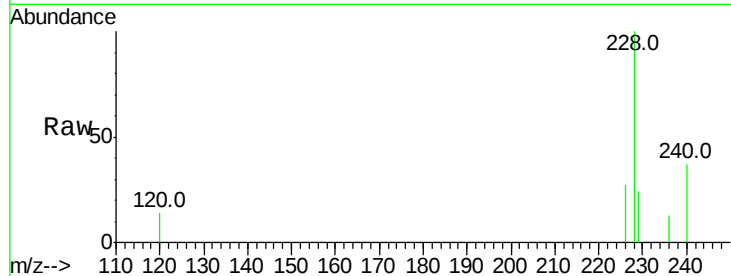
ClientSampleId :

C0AD0

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.7	22.8	34.2
226	26.7	17.0	25.6

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#19

Chrysene

Concen: 0.246 ng/ul

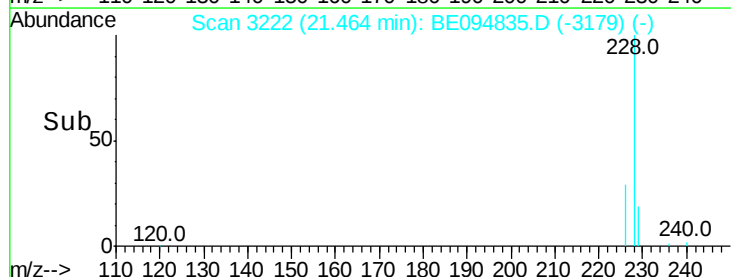
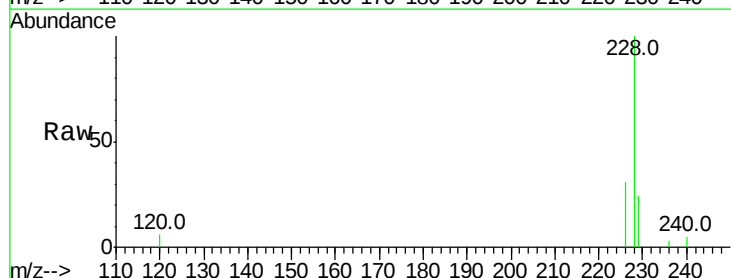
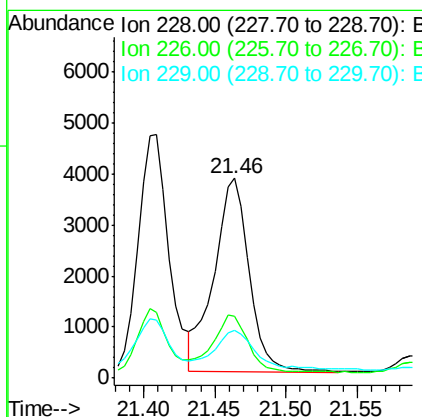
RT: 21.46 min Scan# 3222

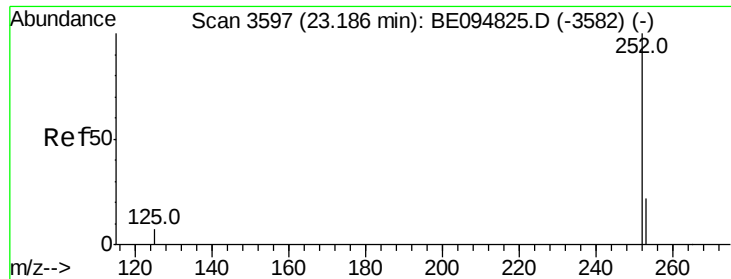
Delta R.T. -0.00 min

Lab File: BE094835.D

Acq: 22 Nov 2017 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	24.0	17.7	26.5





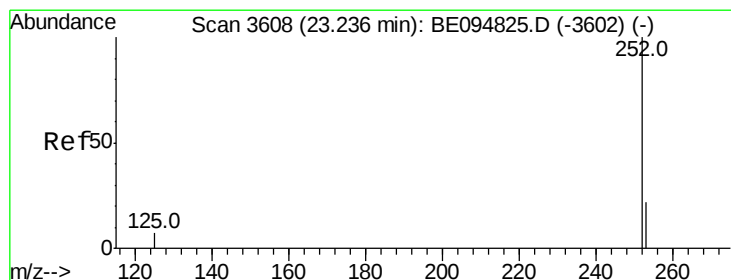
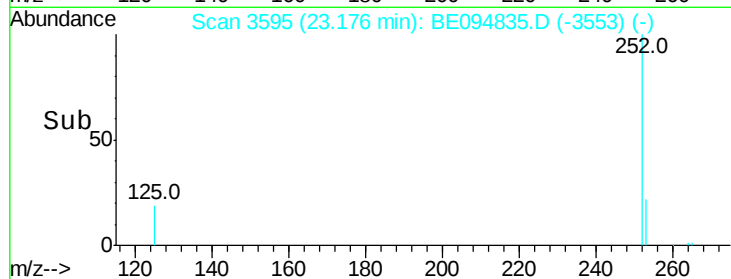
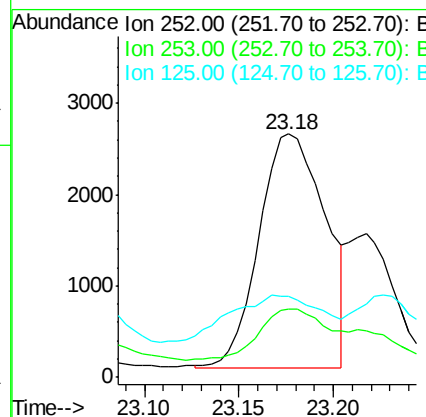
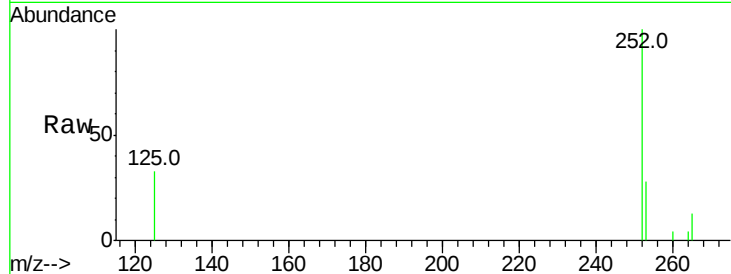
#21
Benzo(b)fluoranthene
Concen: 0.280 ng/ul m
RT: 23.18 min Scan# 3595
Delta R.T. -0.01 min
Lab File: BE094835.D
Acq: 22 Nov 2017 17:07

Instrument :
BNA_E
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	64.2
125	33.1	0.0	35.0

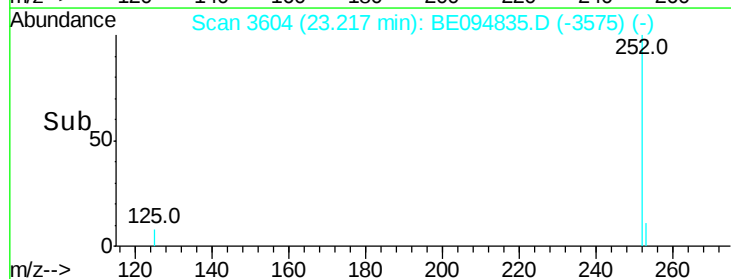
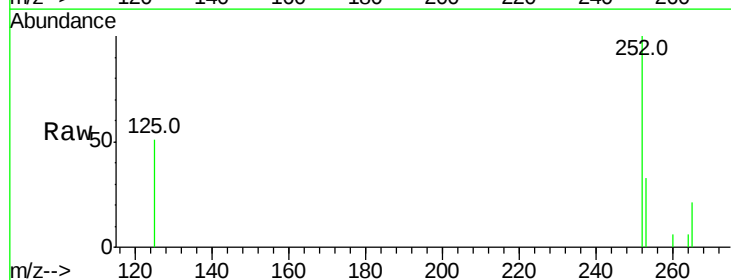
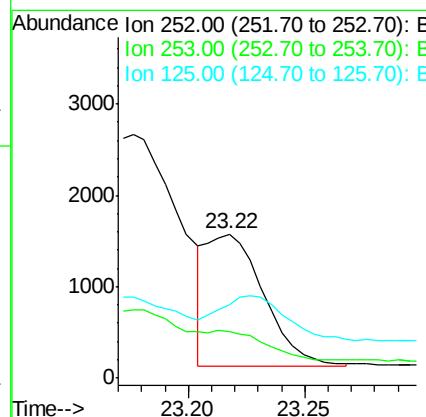
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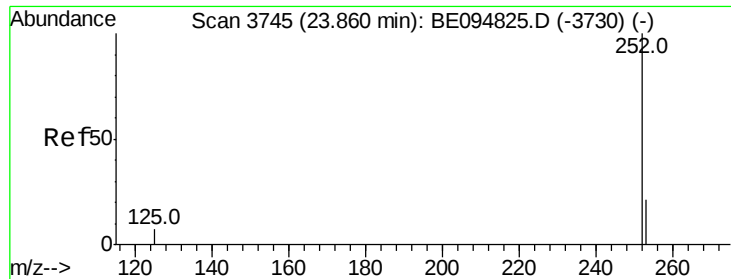
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#22
Benzo(k)fluoranthene
Concen: 0.104 ng/ul m
RT: 23.22 min Scan# 3604
Delta R.T. -0.02 min
Lab File: BE094835.D
Acq: 22 Nov 2017 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	24.5	36.7
125	51.1	13.7	20.5





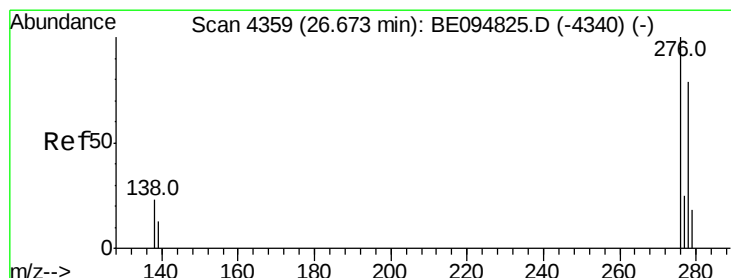
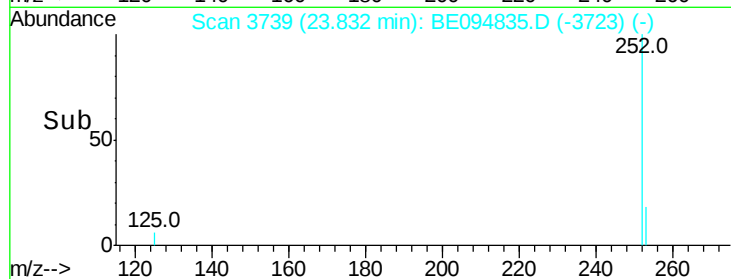
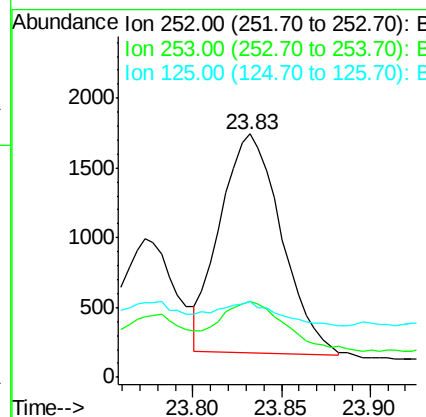
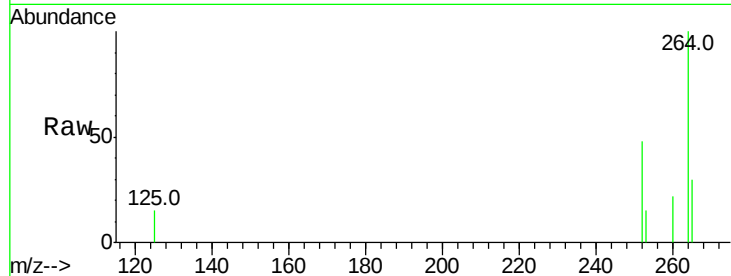
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Benzo(a)pyrene
Concen: 0.171 ng/ul m
RT: 23.83 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BE094835.D
Acq: 22 Nov 2017 17:07

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	31.0	28.5	42.7
125	31.3	18.1	27.1#

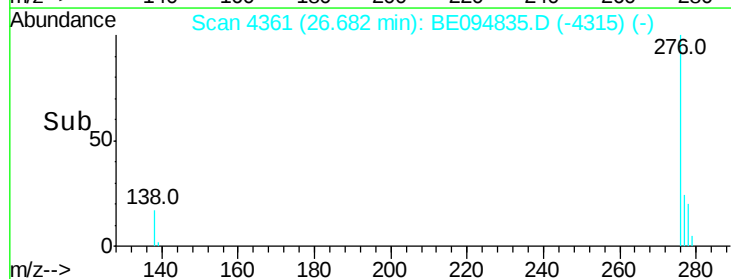
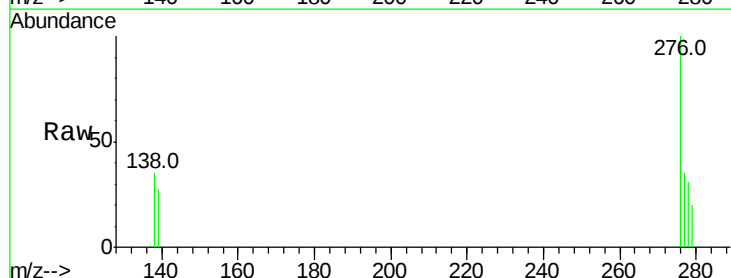
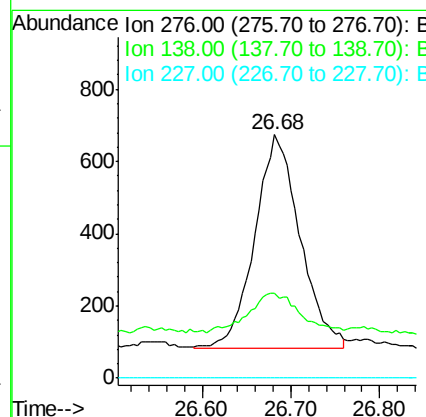
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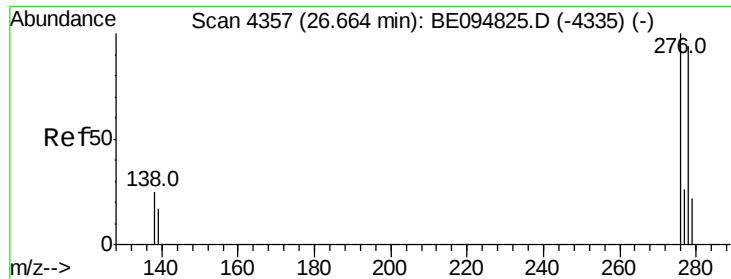
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng/ul m
RT: 26.68 min Scan# 4361
Delta R.T. 0.01 min
Lab File: BE094835.D
Acq: 22 Nov 2017 17:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.7	28.0	42.0#
227	0.0	8.0	12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.031 ng/ul m

RT: 26.66 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BE094835.D

Acq: 22 Nov 2017 17:07

Instrument :

BNA_E

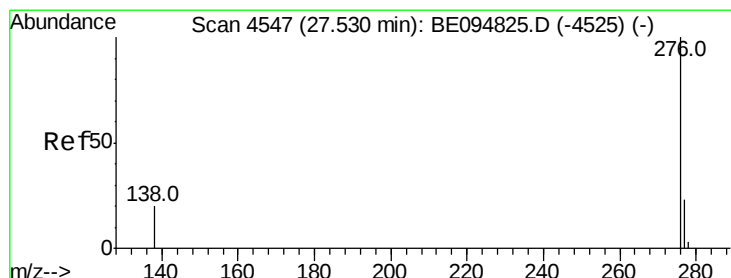
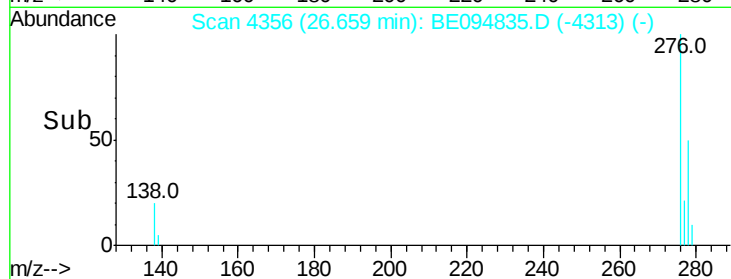
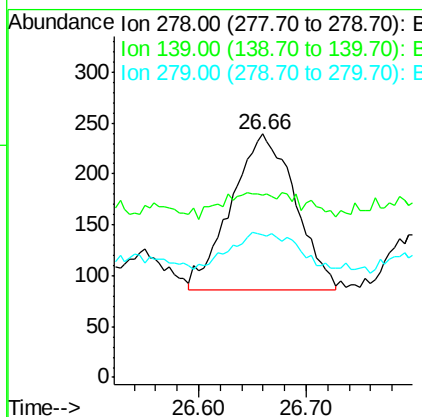
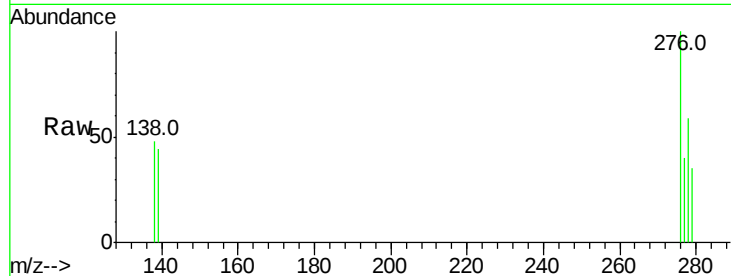
ClientSampleId :

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Tot Ion:	278	Resp:	635
Ion Ratio	Lower	Upper	
278	100		
139	74.9	17.4	26.0#
279	58.6	25.9	38.9#

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#26

Benzo(g,h,i)perylene

Concen: 0.078 ng/ul m

RT: 27.53 min Scan# 4548

Delta R.T. 0.00 min

Lab File: BE094835.D

Acq: 22 Nov 2017 17:07

Tgt Ion:	276	Resp:	1582
Ion Ratio	Lower	Upper	
276	100		
138	46.9	21.8	32.8#
277	39.6	20.5	30.7#

