

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094828.D
 Acq On : 22 Nov 2017 12:59
 Operator : SJ/JU
 Sample : I6514-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB3

Manual Integrations
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Sohil
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Quant Time: Nov 23 01:12:02 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	640	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.68	136	4339	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.50	164	3158	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	7077	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	7333	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	7894	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1424	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	4419	0.18	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.73	128	328	0.032	ng/ul#	57
5) 2-Methylnaphthalene	12.34	142	238	0.033	ng/ul	99
7) Acenaphthylene	14.23	152	377	0.026	ng/ul#	65
12) Phenanthrene	17.27	178	4787	0.252	ng/ul#	89
13) Anthracene	17.38	178	1166	0.060	ng/ul#	79
15) Fluoranthene	19.30	202	13086	0.525	ng/ul	83
17) Pyrene	19.66	202	11084	0.483	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	6596	0.296	ng/ul#	89
19) Chrysene	21.46	228	6388	0.287	ng/ul	96
21) Benzo(b)fluoranthene	23.18	252	7295m	0.310	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	3061m	0.122	ng/ul	
23) Benzo(a)pyrene	23.84	252	4698	0.201	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	26.68	276	3111	0.122	ng/ul#	76
26) Benzo(g,h,i)perylene	27.52	276	2117	0.099	ng/ul#	73

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

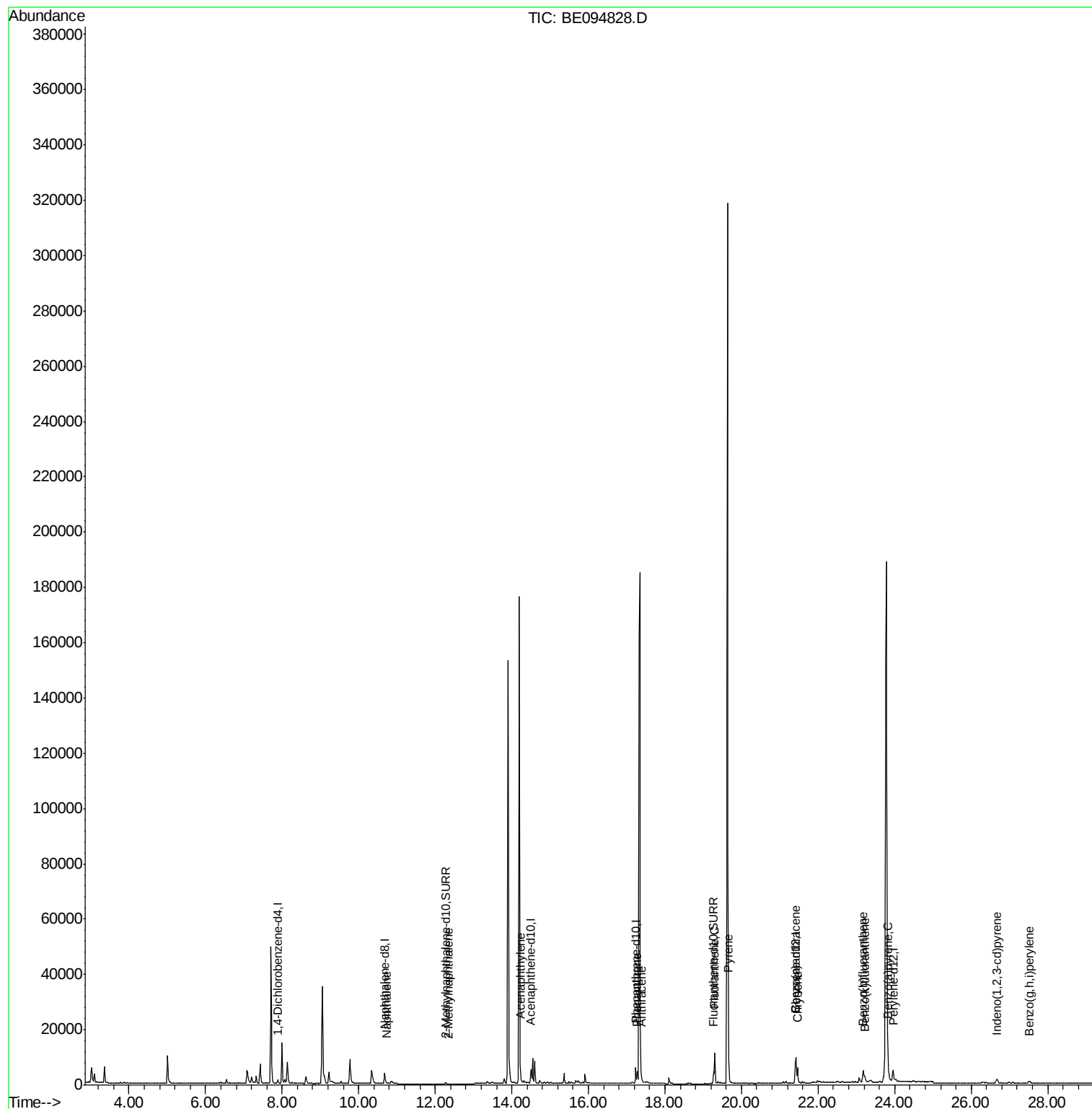
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094828.D
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Sample : I6514-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

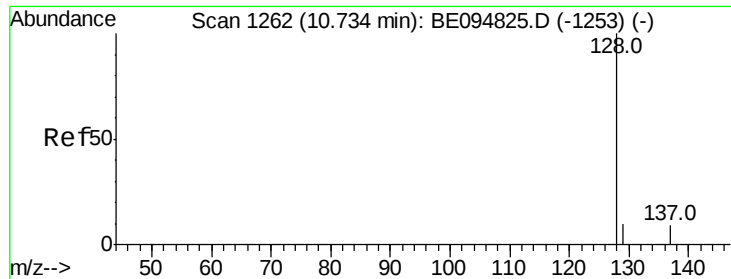
Instrument :
BNA_E
ClientSampleId :
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Quant Time: Nov 23 01:12:02 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 23 00:56:52 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.73 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BE094828.D

Acq: 22 Nov 2017 12:59

Instrument :

BNA_E

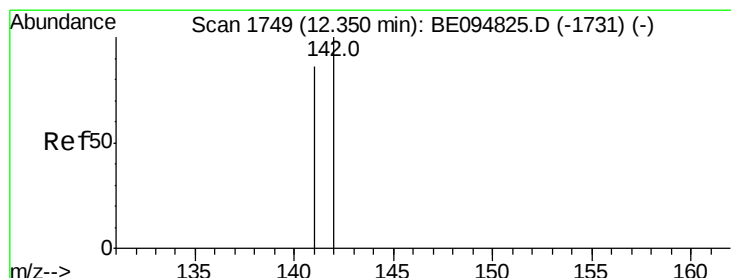
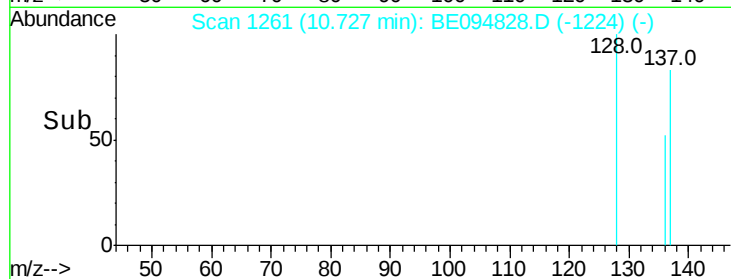
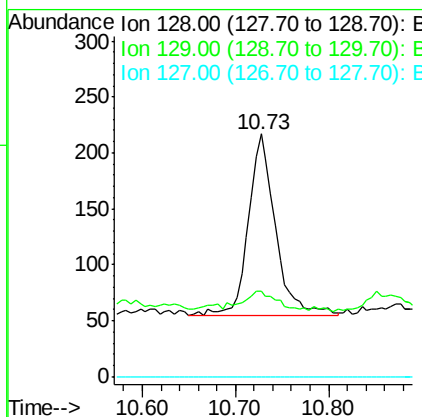
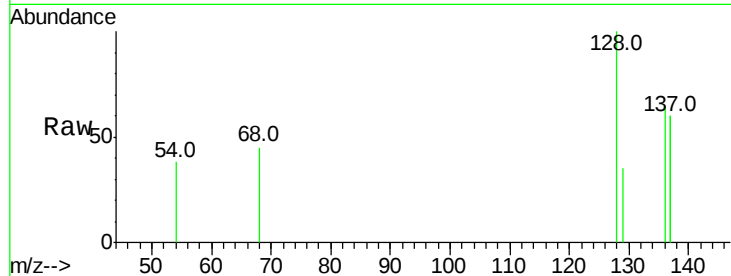
ClientSampleId :

C0AB3

Tot Ion:	128	Resp:	328
Ion Ratio	Lower	Upper	
128	100		
129	35.5	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.033 ng/ul

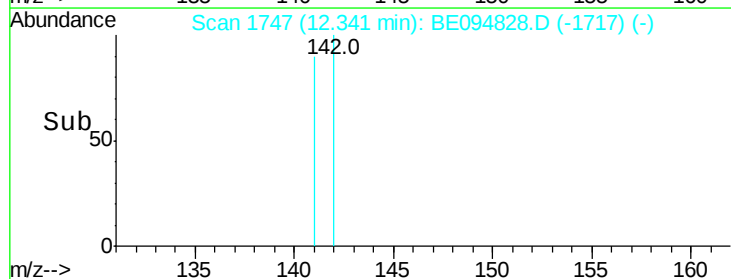
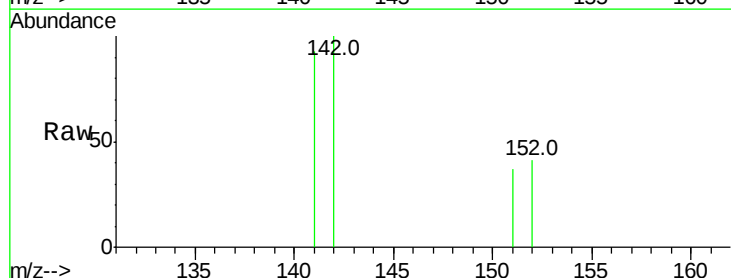
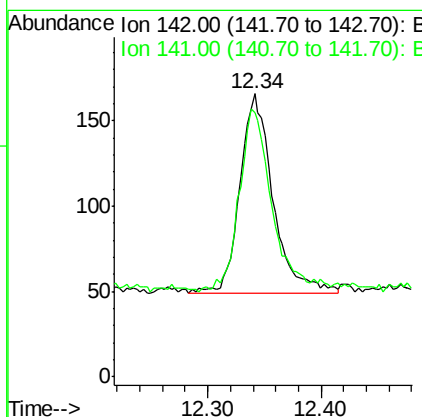
RT: 12.34 min Scan# 1747

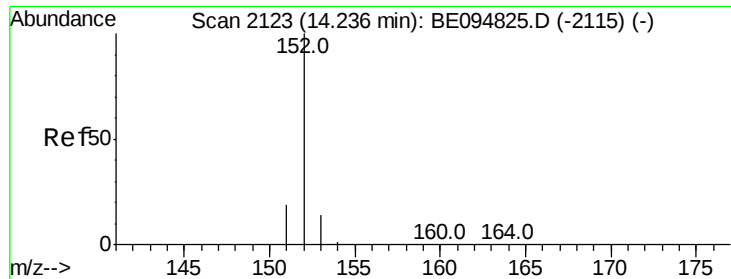
Delta R.T. -0.01 min

Lab File: BE094828.D

Acq: 22 Nov 2017 12:59

Tgt Ion:	142	Resp:	238
Ion Ratio	Lower	Upper	
142	100		
141	91.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.23 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094828.D

Acq: 22 Nov 2017 12:59

Instrument :

BNA_E

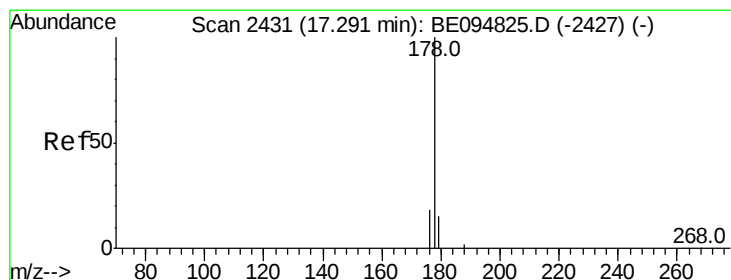
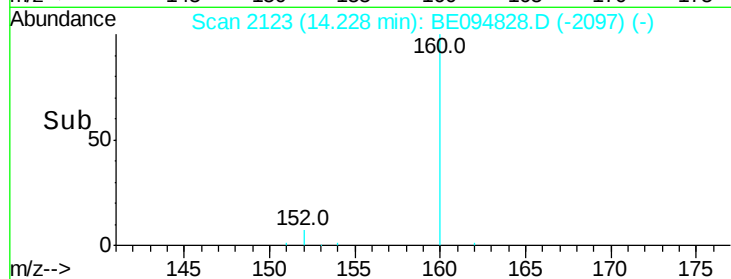
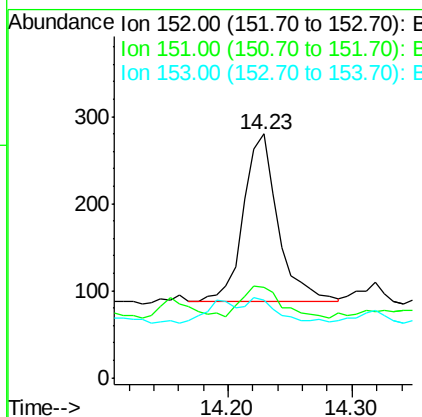
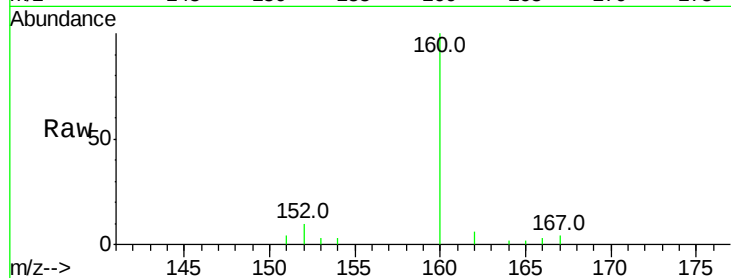
ClientSampleId :

C0AB3

Tot Ion:	152	Resp:	377
Ion Ratio	Lower	Upper	
152	100		
151	37.1	17.1	25.7#
153	31.8	12.8	19.2#

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#12

Phenanthrene

Concen: 0.252 ng/ul

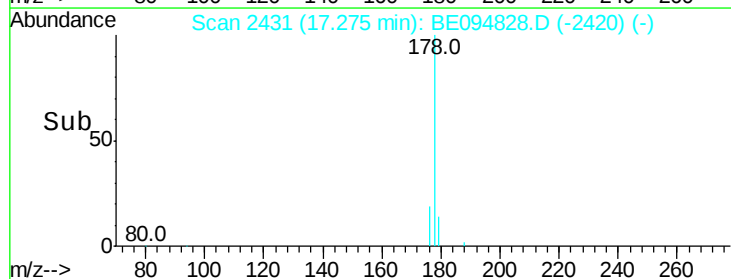
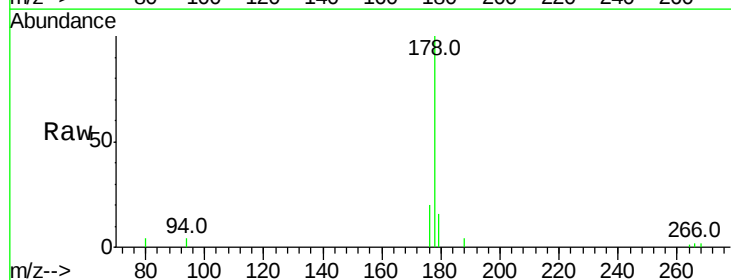
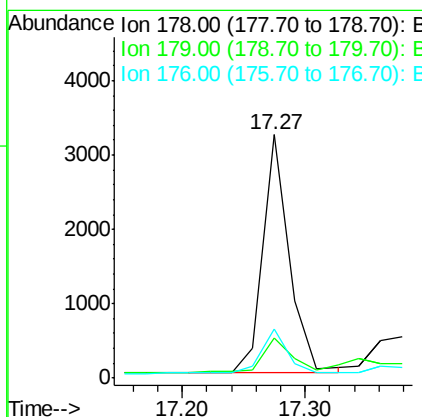
RT: 17.27 min Scan# 2431

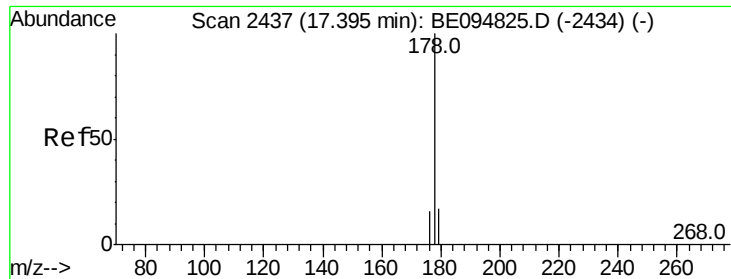
Delta R.T. -0.02 min

Lab File: BE094828.D

Acq: 22 Nov 2017 12:59

Tgt Ion:	178	Resp:	4787
Ion Ratio	Lower	Upper	
178	100		
179	16.5	18.4	27.6#
176	20.3	13.6	20.4





#13

Anthracene

Concen: 0.060 ng/ul

RT: 17.38 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094828.D

Acq: 22 Nov 2017 12:59

Instrument :

BNA_E

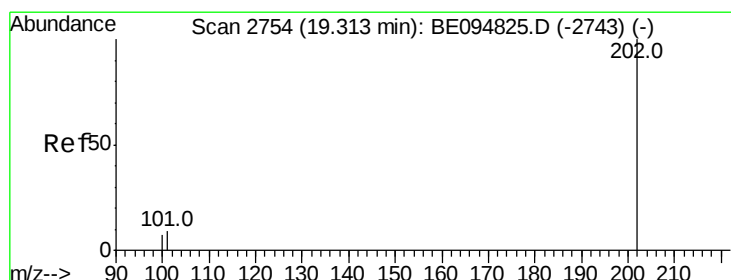
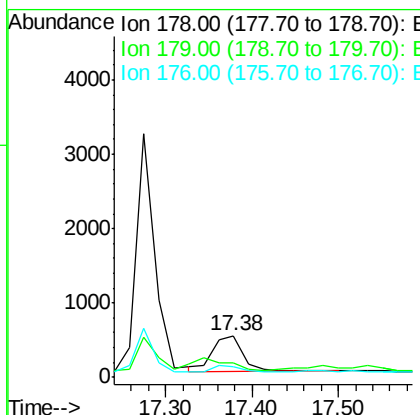
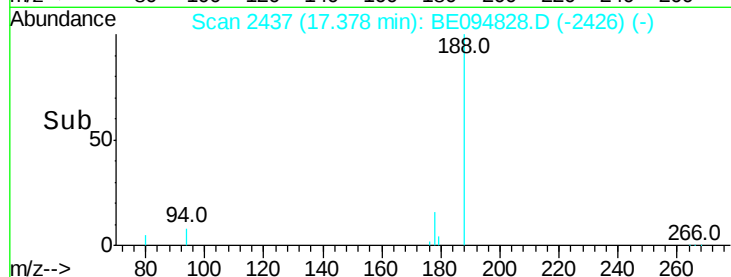
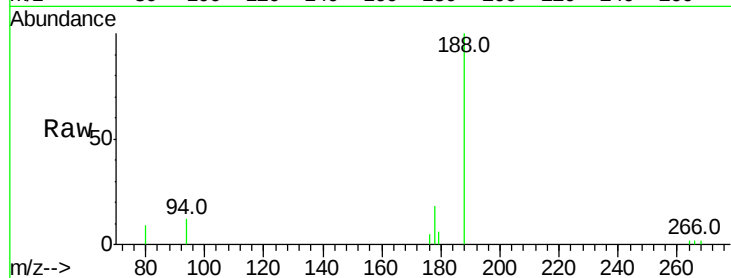
ClientSampleId :

C0AB3

Tot Ion:	178	Resp:	1166
Ion Ratio	Lower	Upper	
178	100		
179	34.3	18.1	27.1#
176	25.4	14.7	22.1#

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#15

Fluoranthene

Concen: 0.525 ng/ul

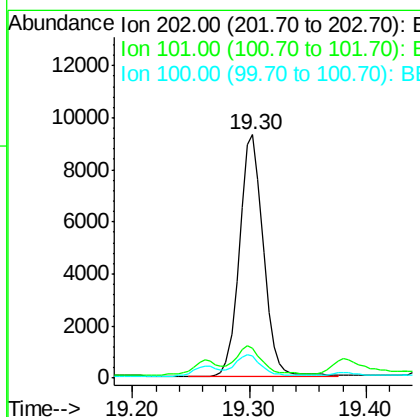
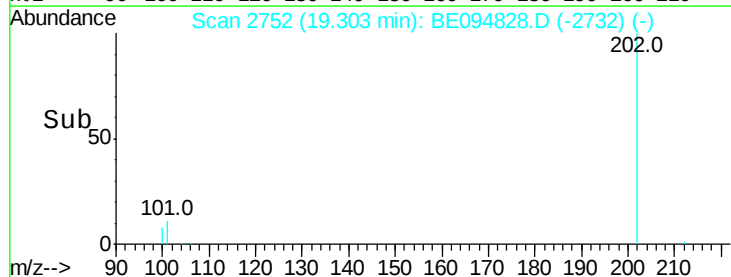
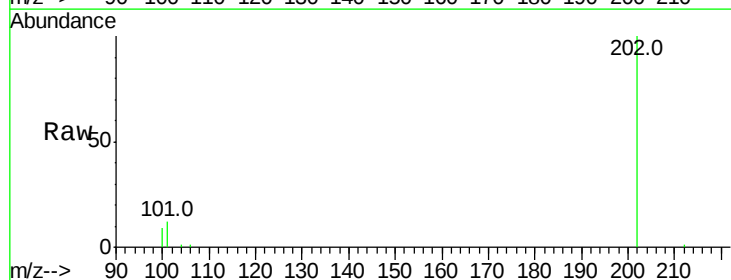
RT: 19.30 min Scan# 2752

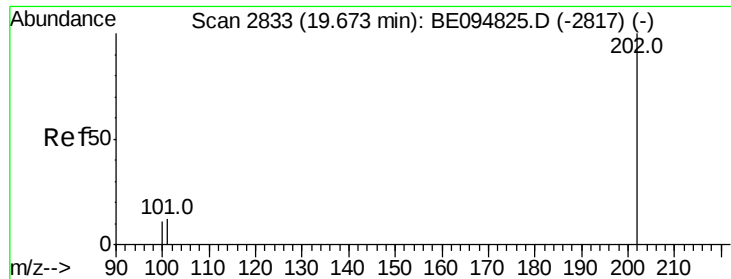
Delta R.T. -0.01 min

Lab File: BE094828.D

Acq: 22 Nov 2017 12:59

Tgt Ion:	202	Resp:	13086
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	30.3
100	8.8	0.0	39.5





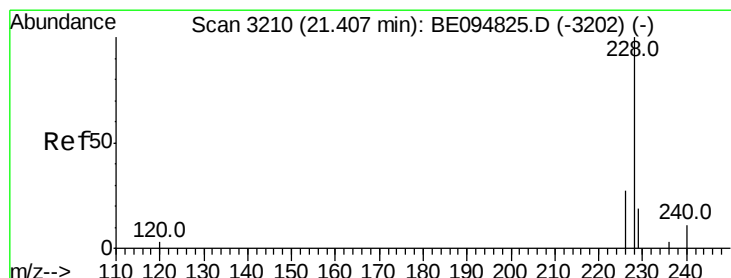
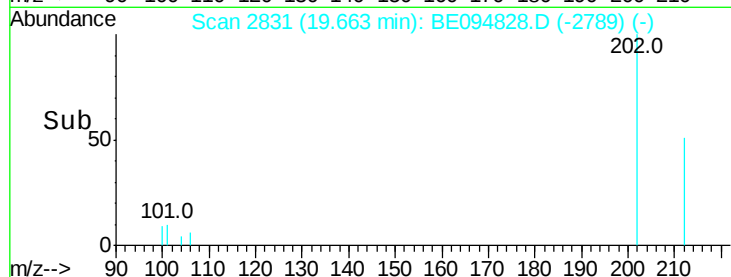
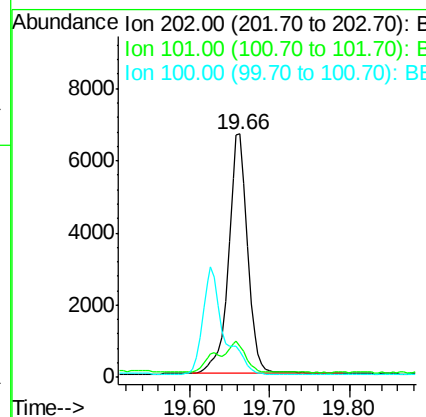
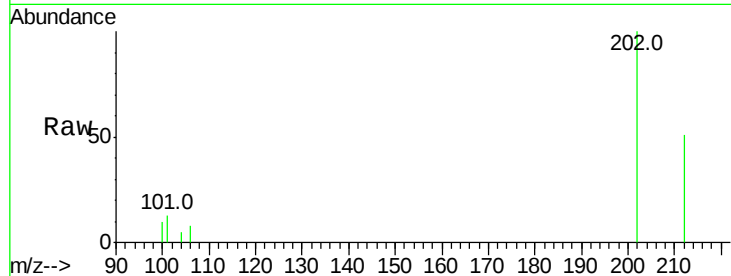
#17
Pvrene
Concen: 0.483 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094828.D
Acq: 22 Nov 2017 12:59

Instrument :
BNA_E
ClientSampled :
C0AB3

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	10.5	15.6	23.4#

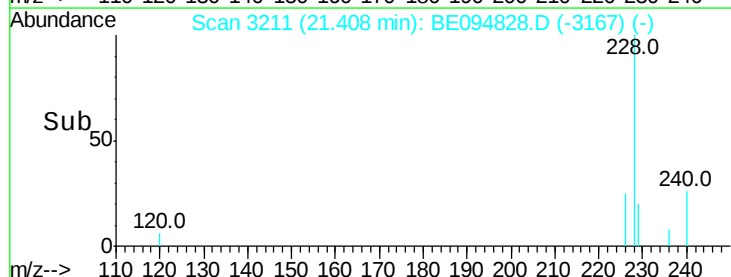
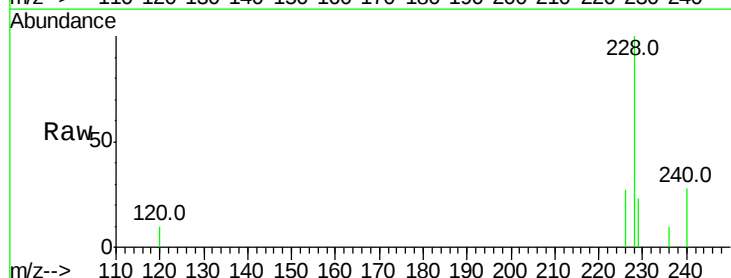
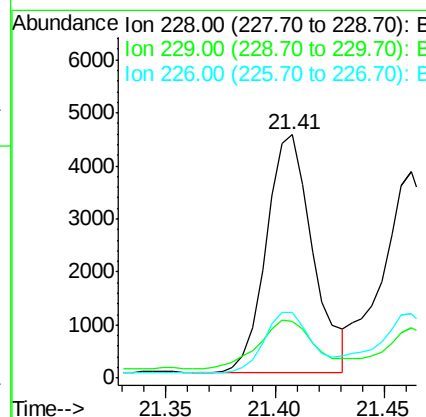
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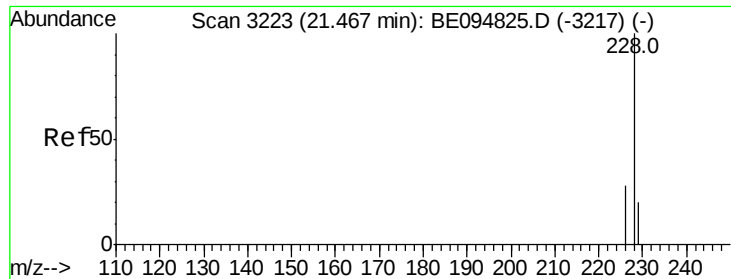
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#18
Benzo(a)anthracene
Concen: 0.296 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE094828.D
Acq: 22 Nov 2017 12:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.1	22.8	34.2
226	26.8	17.0	25.6#





#19

Chrysene

Concen: 0.287 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094828.D

Acq: 22 Nov 2017 12:59

Instrument :

BNA_E

ClientSampleId :

C0AB3

Tot Ion:228 Resp: 6388

Ion Ratio Lower Upper

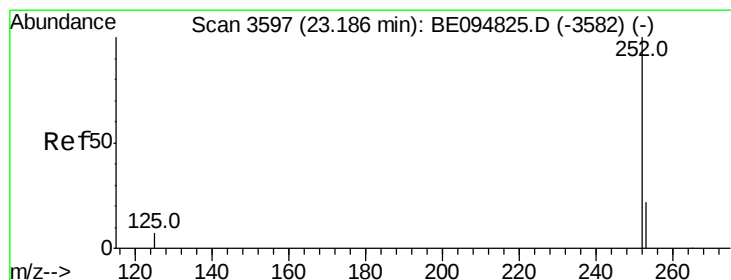
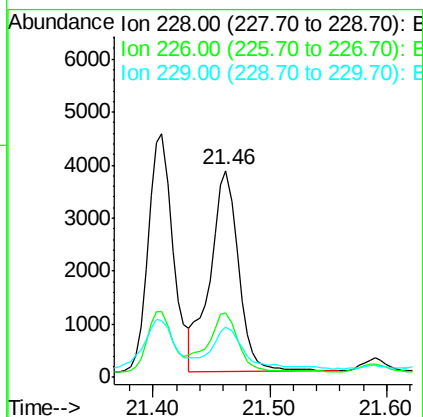
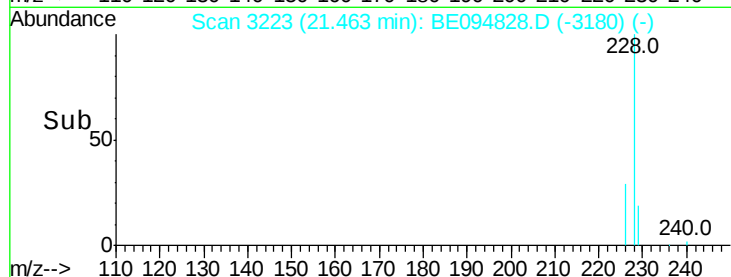
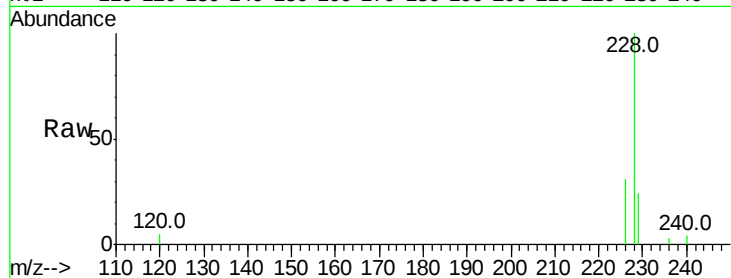
228 100

226 31.2 23.4 35.0

229 24.4 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 0.310 ng/ul m

RT: 23.18 min Scan# 3596

Delta R.T. -0.01 min

Lab File: BE094828.D

Acq: 22 Nov 2017 12:59

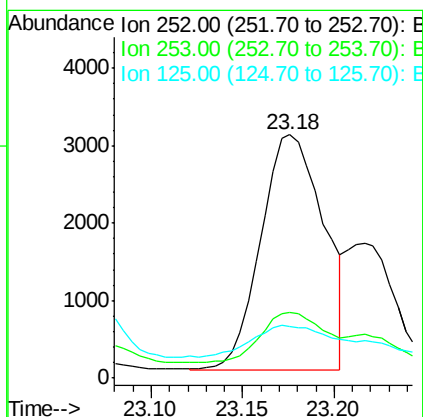
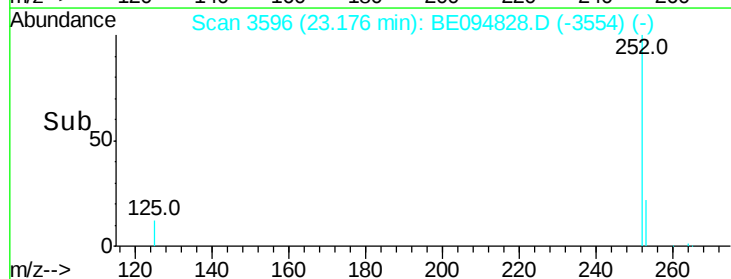
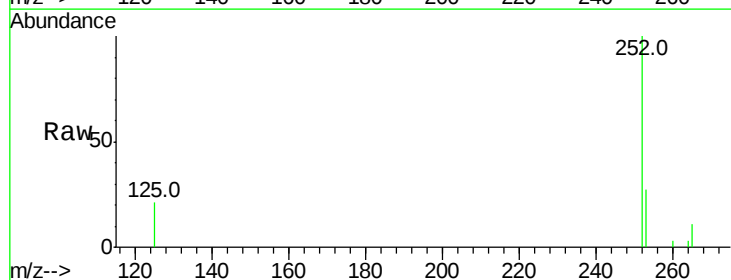
Tgt Ion:252 Resp: 7295

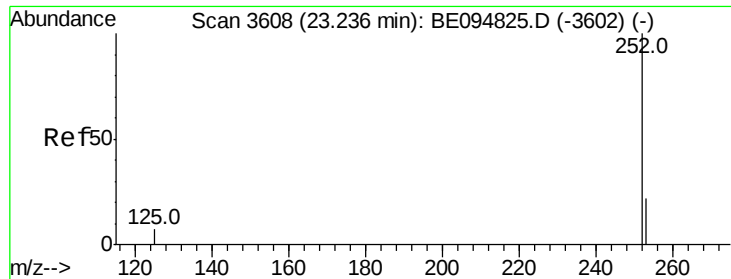
Ion Ratio Lower Upper

252 100

253 27.2 0.0 64.2

125 21.1 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.122 ng/ul m

RT: 23.22 min Scan# 3605

Delta R.T. -0.02 min

Lab File: BE094828.D

Acq: 22 Nov 2017 12:59

Instrument :

BNA_E

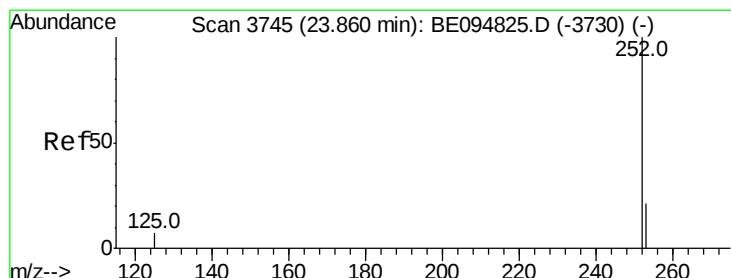
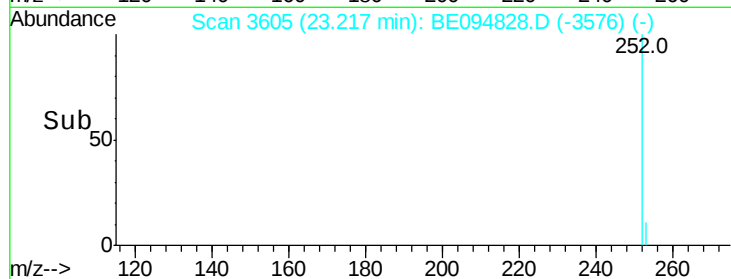
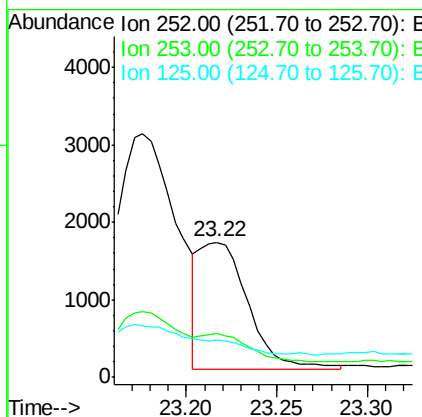
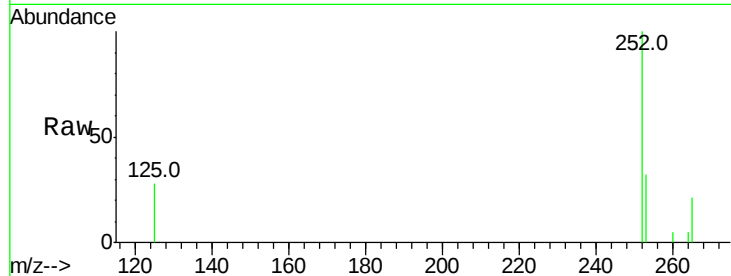
ClientSampled :

C0AB3

Tot Ion:	252	Resp:	3061
Ion Ratio	Lower	Upper	
252	100		
253	32.3	24.5	36.7
125	28.3	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.201 ng/ul

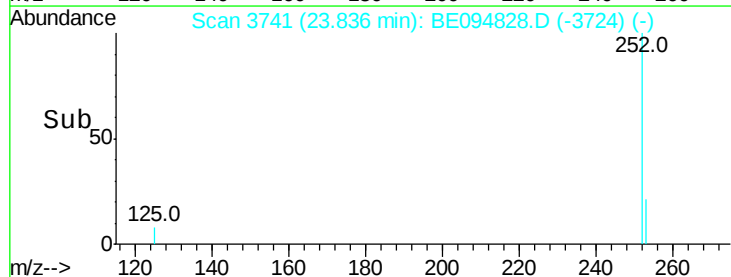
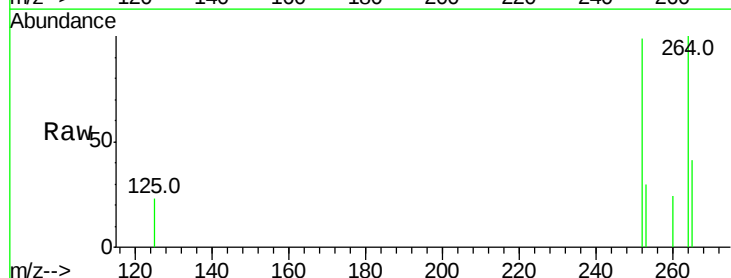
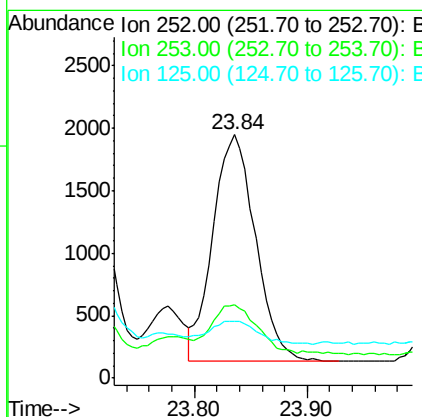
RT: 23.84 min Scan# 3741

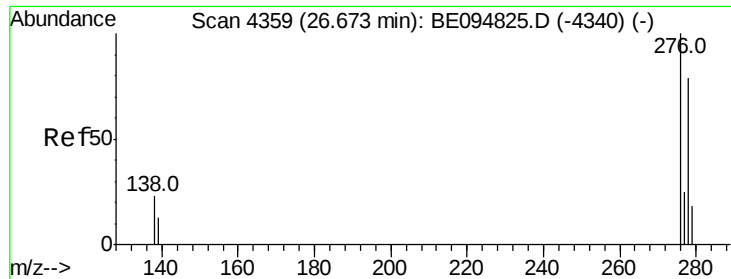
Delta R.T. -0.02 min

Lab File: BE094828.D

Acq: 22 Nov 2017 12:59

Tgt Ion:	252	Resp:	4698
Ion Ratio	Lower	Upper	
252	100		
253	30.2	28.5	42.7
125	23.3	18.1	27.1





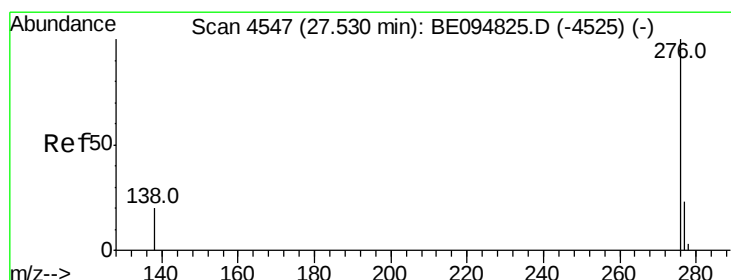
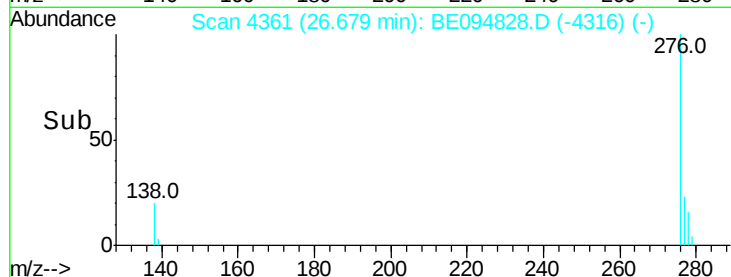
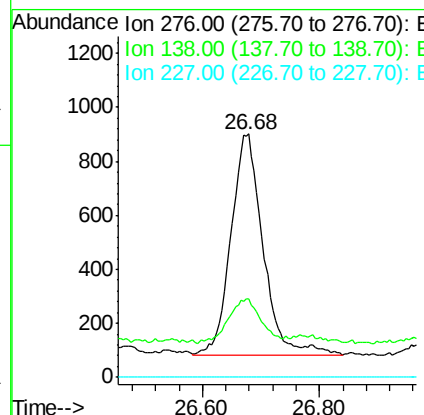
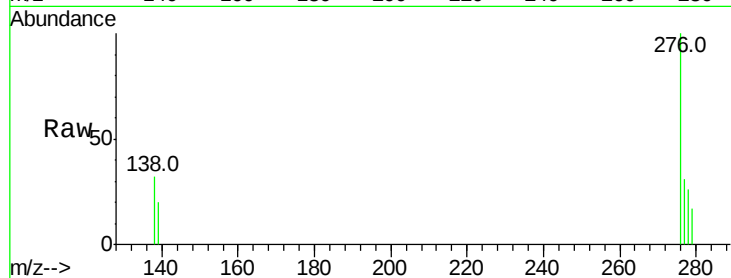
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.122 ng/ul
 RT: 26.68 min Scan# 4361
 Delta R.T. 0.01 min
 Lab File: BE094828.D
 Acq: 22 Nov 2017 12:59

Instrument :
 BNA_E
 ClientSampleId :
 C0AB3

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	28.0	42.0#
227	0.0	8.0	12.0#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.099 ng/ul
 RT: 27.52 min Scan# 4545
 Delta R.T. -0.01 min
 Lab File: BE094828.D
 Acq: 22 Nov 2017 12:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	43.9	21.8	32.8#
277	37.0	20.5	30.7#

