

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094859.D
 Acq On : 23 Nov 2017 7:17
 Operator : SJ/JU
 Sample : I6496-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB0

Manual Integrations
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Sohil
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Quant Time: Nov 23 23:48:33 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 23:11:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	689	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.68	136	4796	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.50	164	3428	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	7926	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8367	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9245	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1791	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	6110	0.22	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.72	128	298	0.026	ng/ul#	50
5) 2-Methylnaphthalene	12.37	142	212	0.027	ng/ul	97
7) Acenaphthylene	14.23	152	3113	0.198	ng/ul	99
12) Phenanthrene	17.27	178	5467	0.257	ng/ul#	89
13) Anthracene	17.36	178	2409	0.111	ng/ul#	92
15) Fluoranthene	19.30	202	44618	1.597	ng/ul	83
17) Pyrene	19.66	202	42870	1.637	ng/ul#	77
18) Benzo(a)anthracene	21.40	228	28034	1.102	ng/ul#	87
19) Chrysene	21.46	228	21832	0.860	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	35586m	1.292	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	11439m	0.390	ng/ul	
23) Benzo(a)pyrene	23.83	252	21265	0.776	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.66	276	13447	0.450	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.64	278	3514	0.140	ng/ul	97
26) Benzo(g,h,i)perylene	27.50	276	10343	0.413	ng/ul	95

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

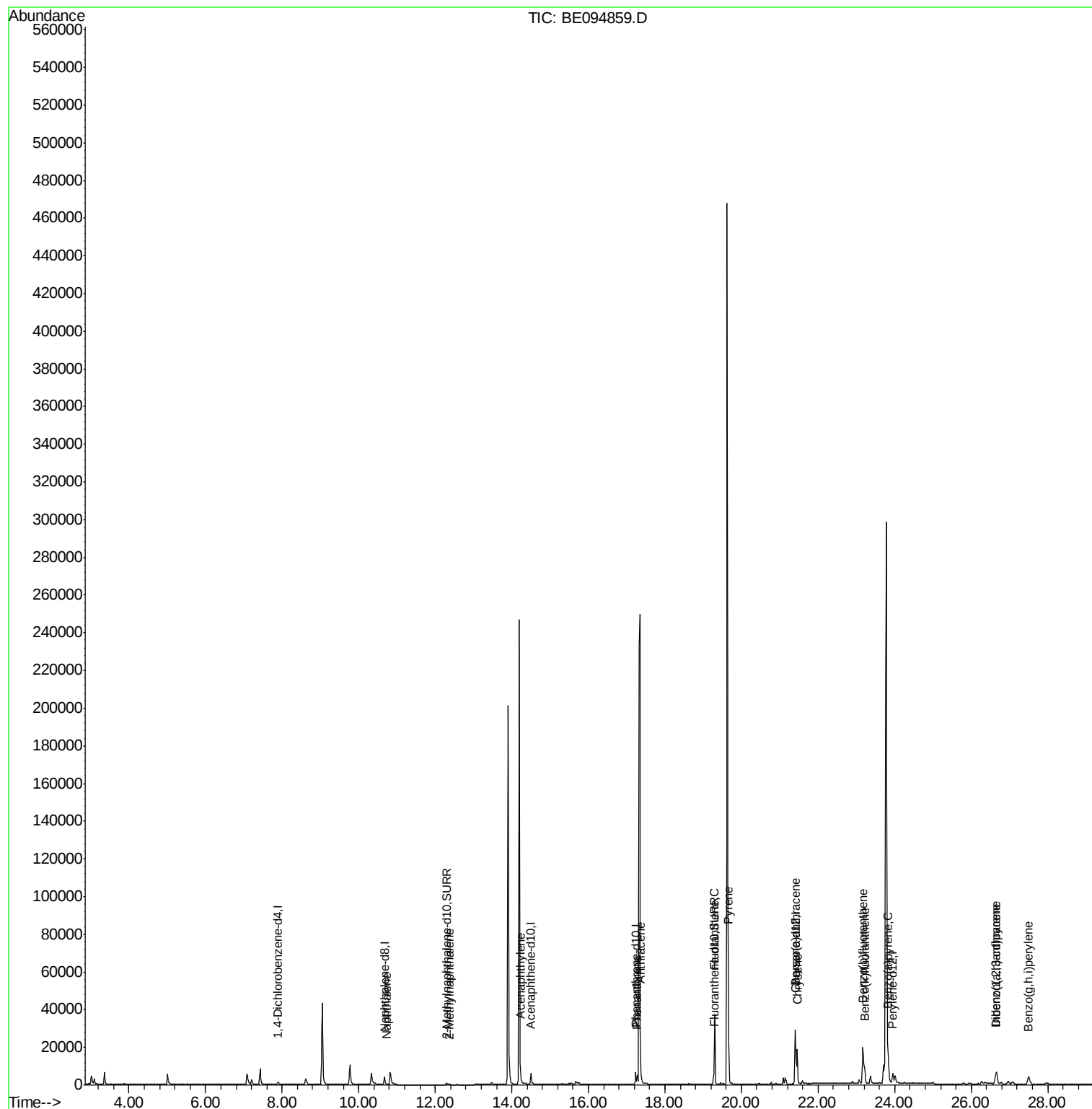
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
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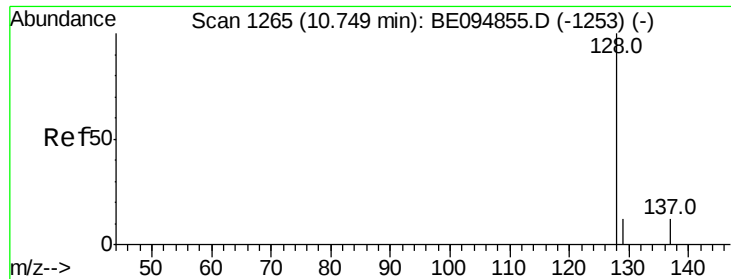
Instrument :
BNA_E
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Quant Time: Nov 23 23:48:33 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 23 23:11:00 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.72 min Scan# 1260

Delta R.T. -0.03 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Instrument :

BNA_E

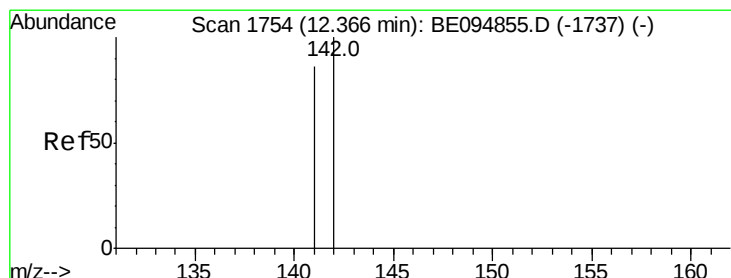
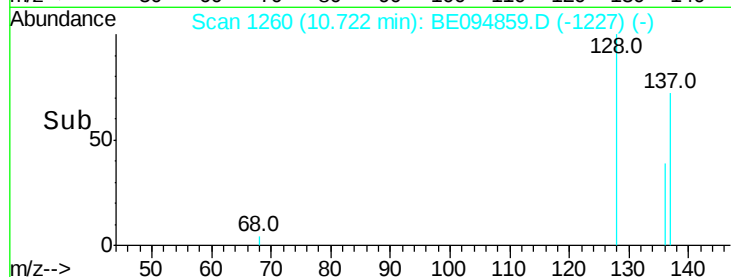
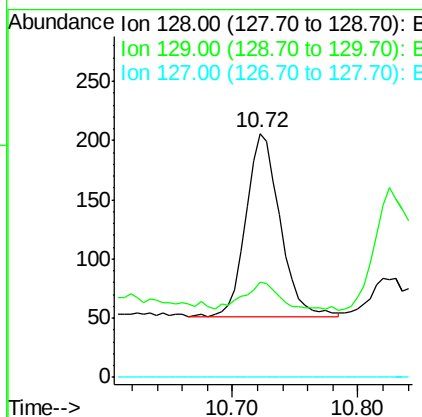
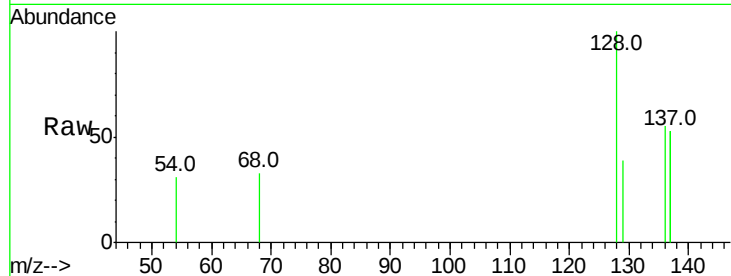
ClientSampleId :

C0AB0

Tot Ion:	128	Resp:	298
Ion Ratio	Lower	Upper	
128	100		
129	39.3	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

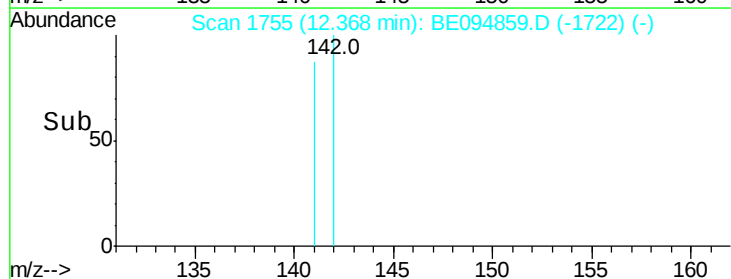
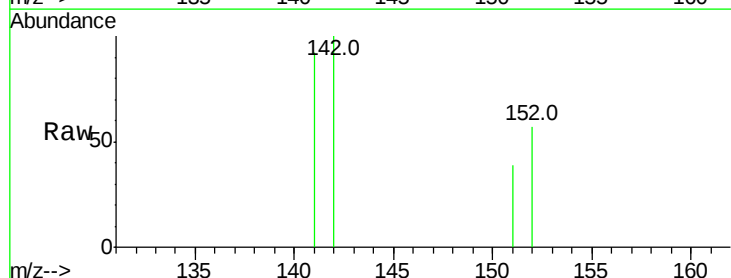
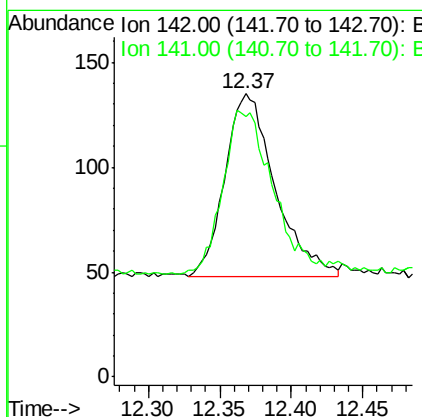
RT: 12.37 min Scan# 1755

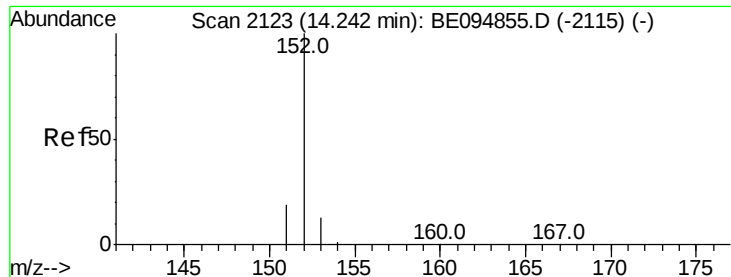
Delta R.T. 0.00 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Tgt Ion:	142	Resp:	212
Ion Ratio	Lower	Upper	
142	100		
141	93.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.198 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Instrument :

BNA_E

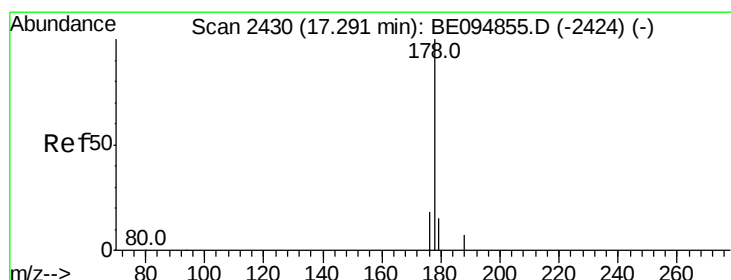
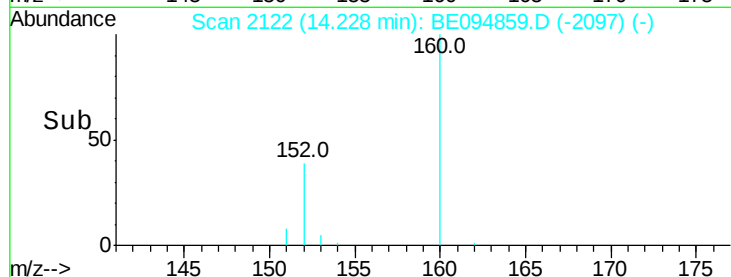
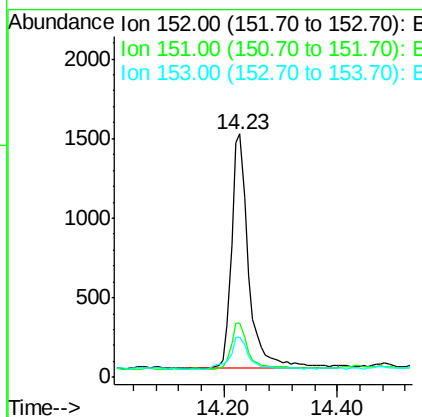
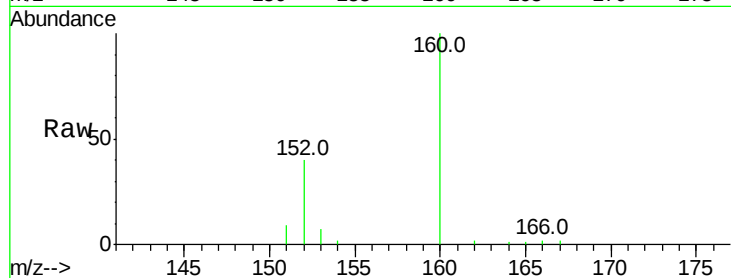
ClientSampleId :

C0AB0

Tot Ion:	152	Resp:	3113
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.1	25.7
153	16.4	12.8	19.2

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#12

Phenanthrene

Concen: 0.257 ng/ul

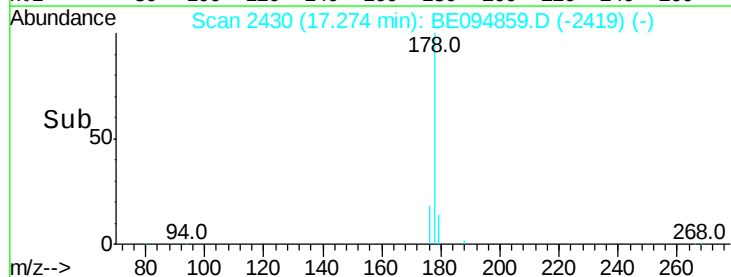
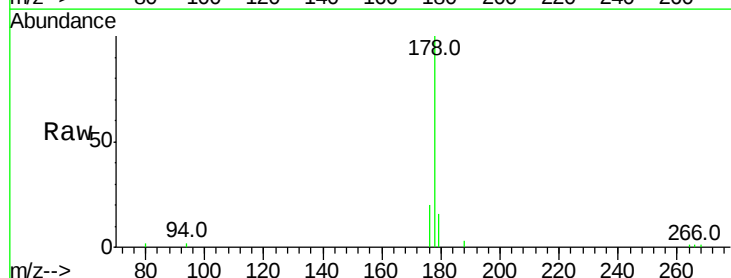
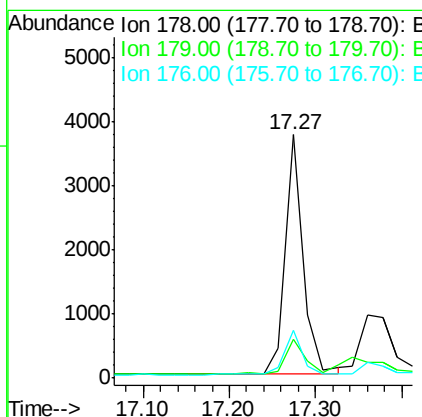
RT: 17.27 min Scan# 2430

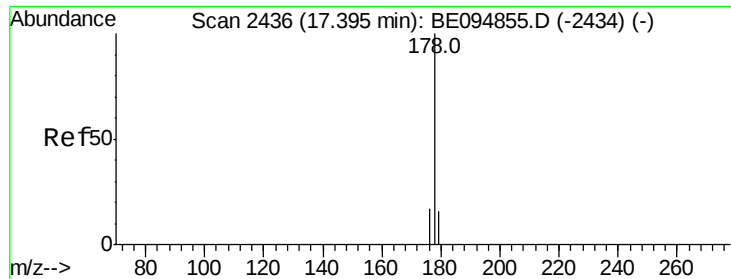
Delta R.T. -0.02 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Tgt Ion:	178	Resp:	5467
Ion Ratio	Lower	Upper	
178	100		
179	16.0	18.4	27.6#
176	19.5	13.6	20.4





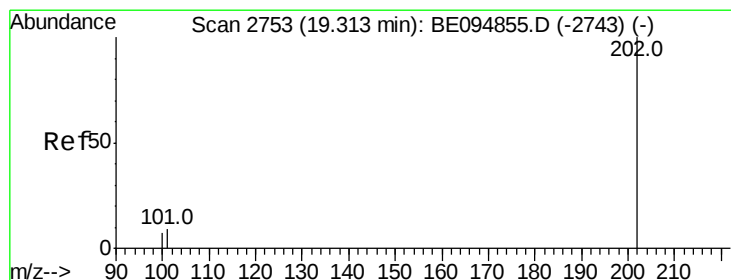
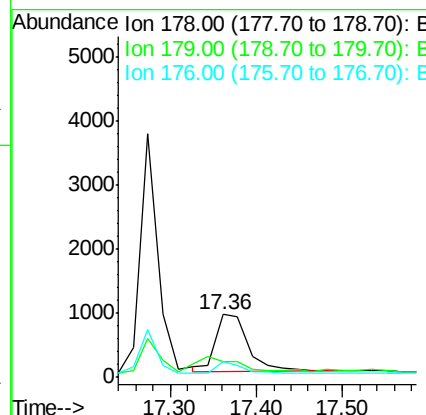
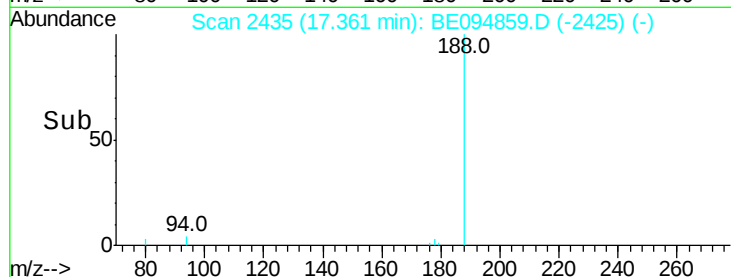
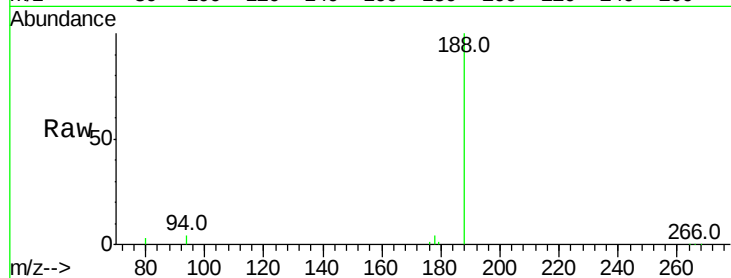
#13
 Anthracene
 Concen: 0.111 ng/ul
 RT: 17.36 min Scan# 2435
 Delta R.T. -0.03 min
 Lab File: BE094859.D
 Acq: 23 Nov 2017 7:17

Instrument :
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 ClientSampleId :
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Tot Ion:178 Resp: 2409
 Ion Ratio Lower Upper
 178 100
 179 24.2 18.1 27.1
 176 24.3 14.7 22.1#

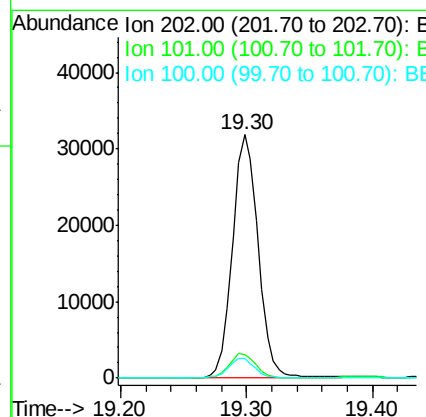
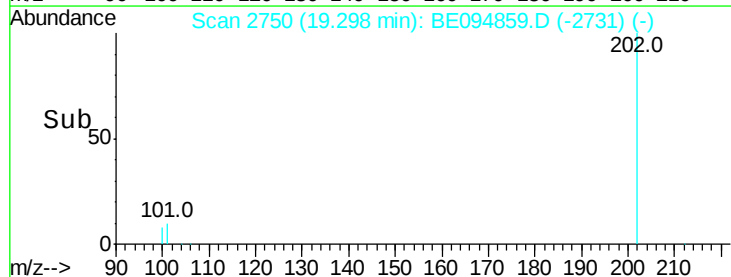
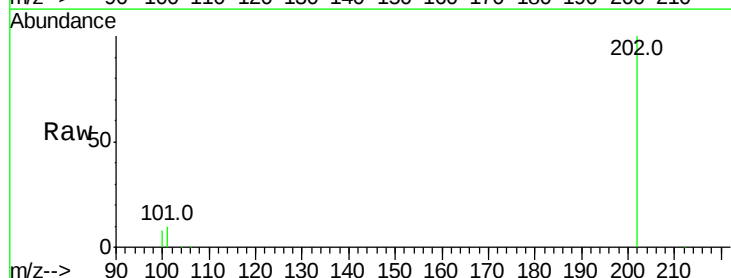
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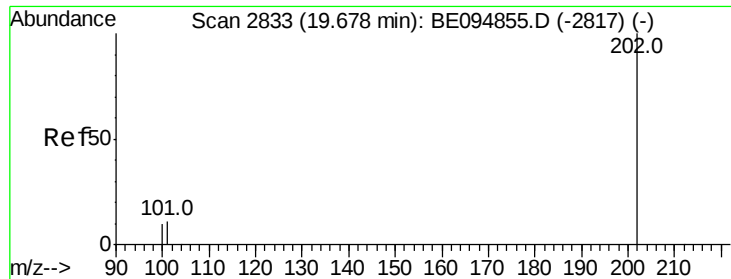
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#15
 Fluoranthene
 Concen: 1.597 ng/ul
 RT: 19.30 min Scan# 2750
 Delta R.T. -0.01 min
 Lab File: BE094859.D
 Acq: 23 Nov 2017 7:17

Tgt Ion:202 Resp: 44618
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 30.3
 100 7.9 0.0 39.5





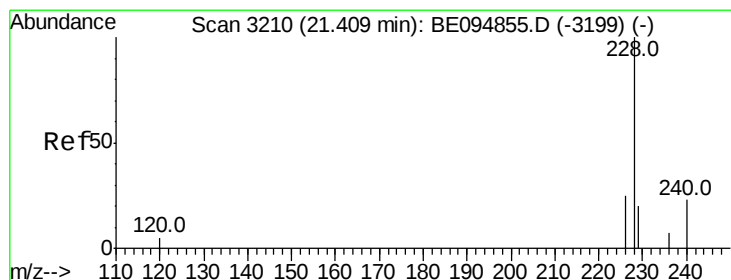
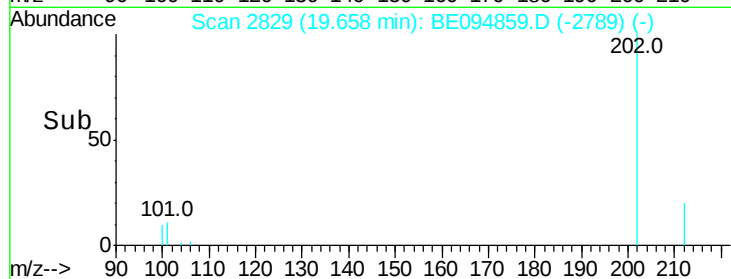
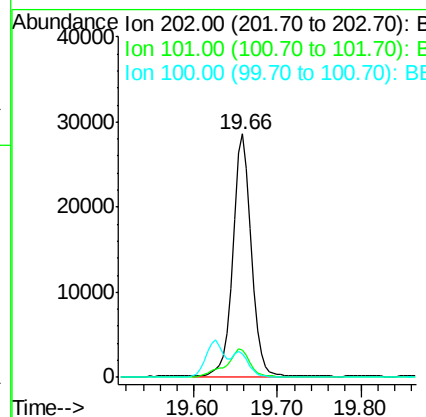
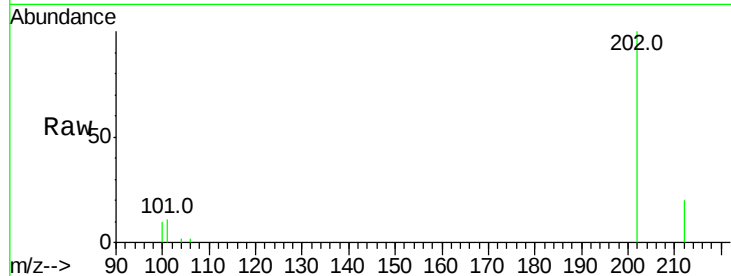
#17
Pvrene
Concen: 1.637 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BE094859.D
Acq: 23 Nov 2017 7:17

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	18.2	27.4#
100	9.8	15.6	23.4#

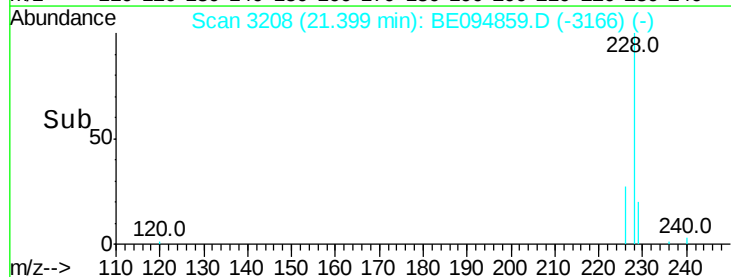
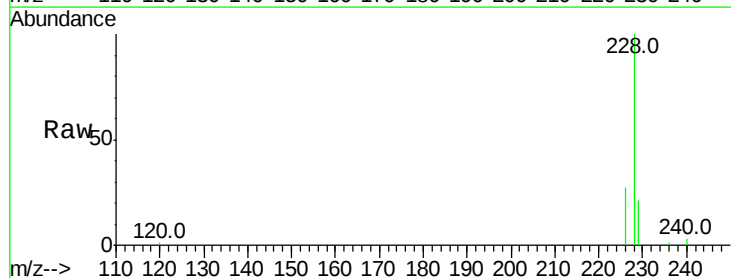
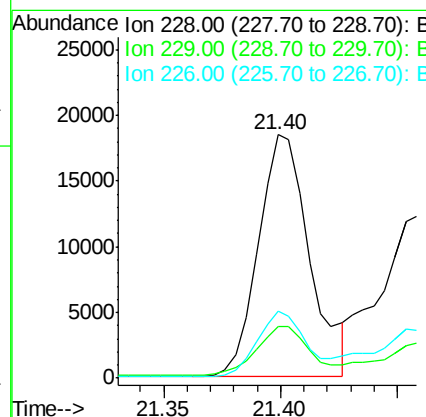
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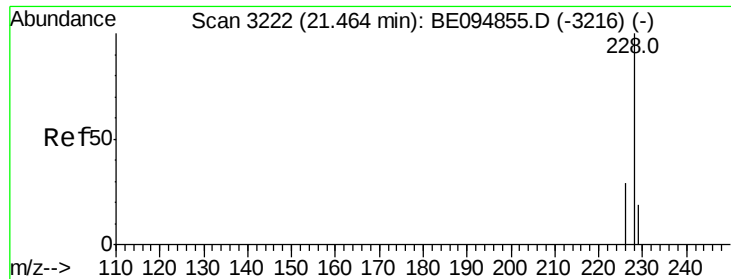
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#18
Benzo(a)anthracene
Concen: 1.102 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BE094859.D
Acq: 23 Nov 2017 7:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	27.3	17.0	25.6#





#19

Chrysene

Concen: 0.860 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Instrument :

BNA_E

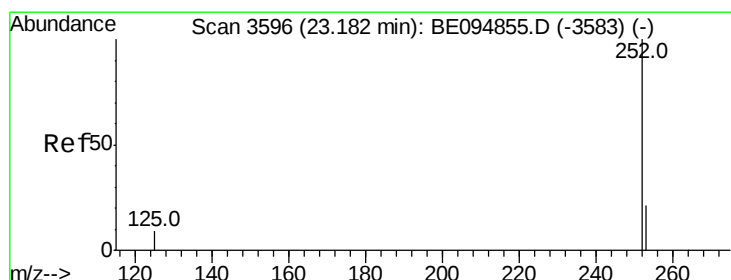
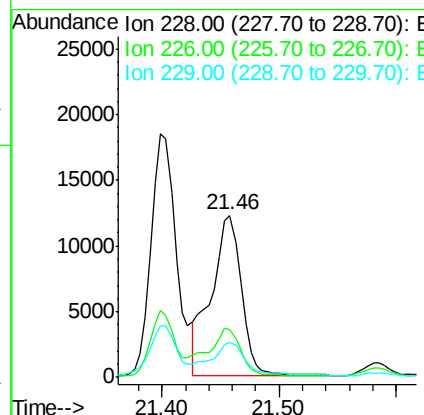
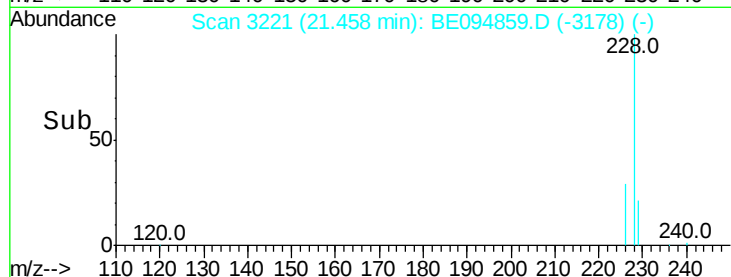
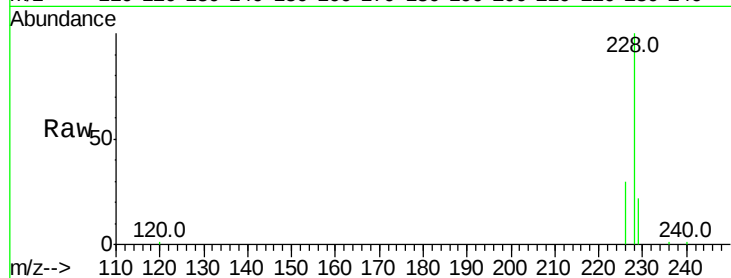
ClientSampled :

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Tot Ion:	228	Resp:	21832
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	21.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.292 ng/ul m

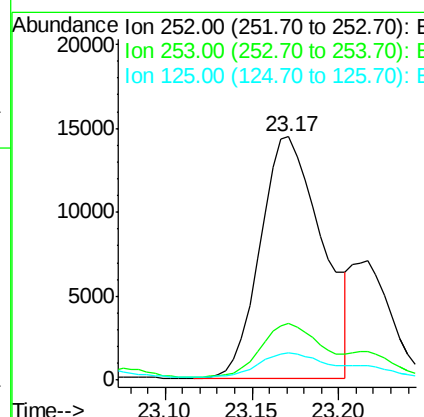
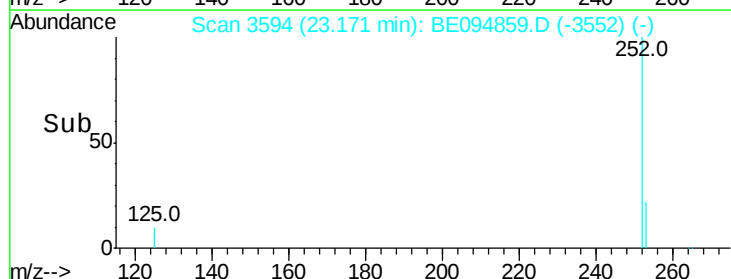
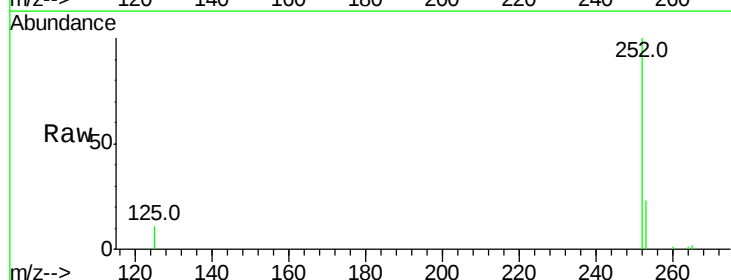
RT: 23.17 min Scan# 3594

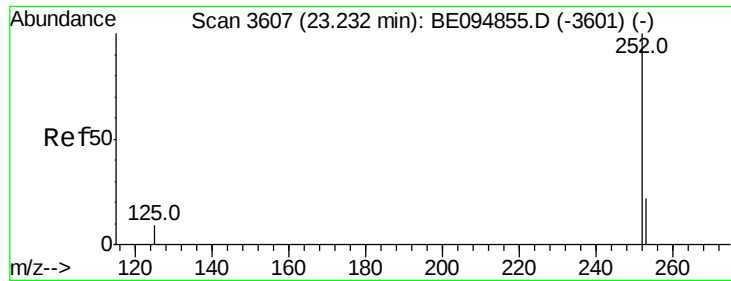
Delta R.T. -0.01 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Tgt Ion:	252	Resp:	35586
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	64.2
125	11.1	0.0	35.0





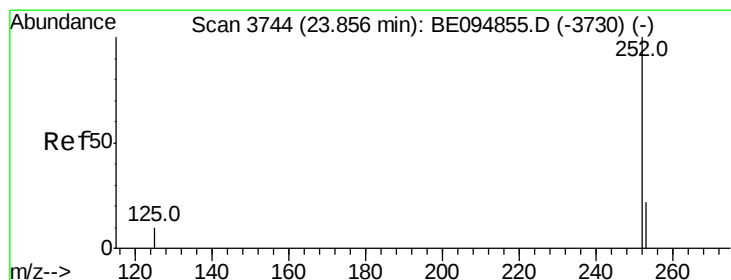
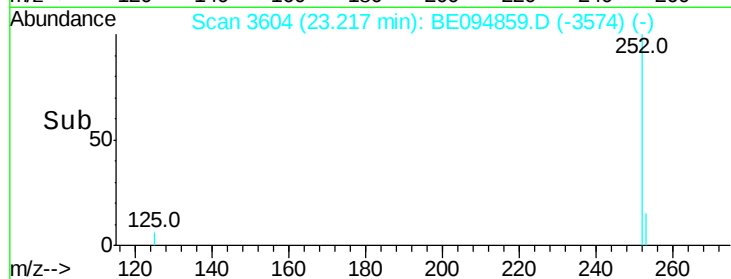
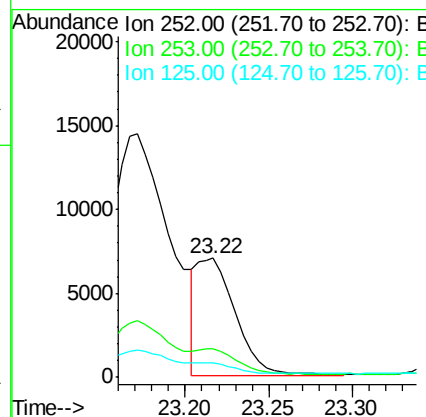
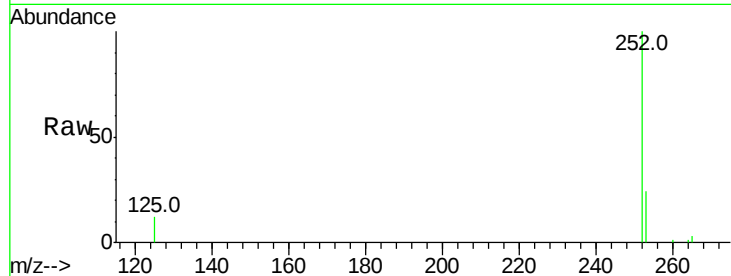
#22
Benzo(k)fluoranthene
Concen: 0.390 ng/ul m
RT: 23.22 min Scan# 3604
Delta R.T. -0.02 min
Lab File: BE094859.D
Acq: 23 Nov 2017 7:17

Instrument :
BNA_E
ClientSampleId :
C0AB0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	12.2	13.7	20.5#

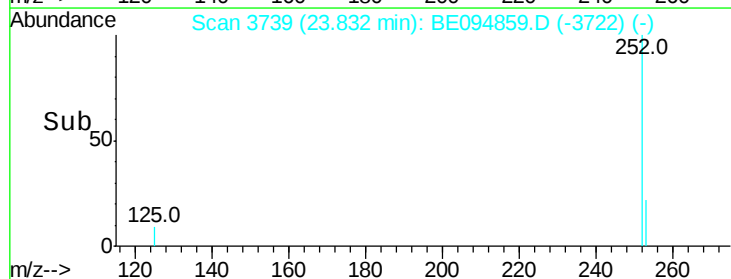
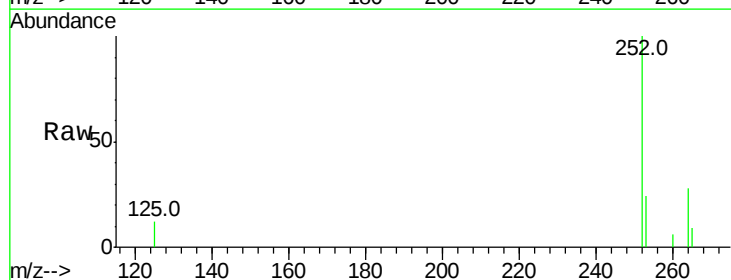
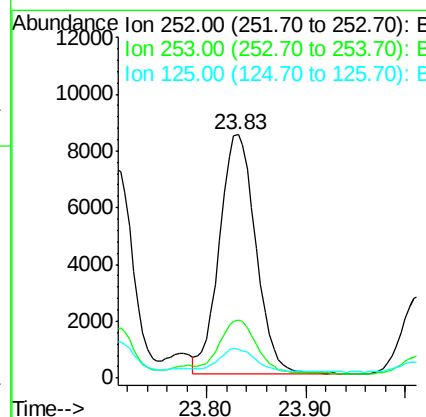
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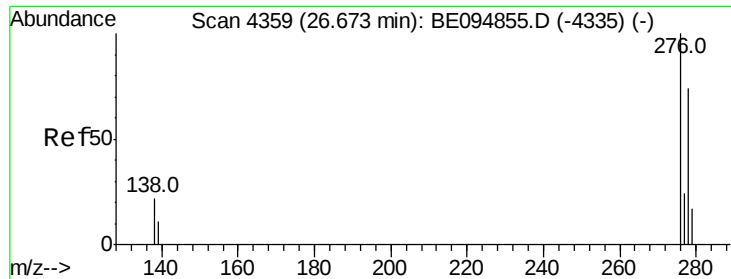
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#23
Benzo(a)pyrene
Concen: 0.776 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.02 min
Lab File: BE094859.D
Acq: 23 Nov 2017 7:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	12.0	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.450 ng/ul

RT: 26.66 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Instrument :

BNA_E

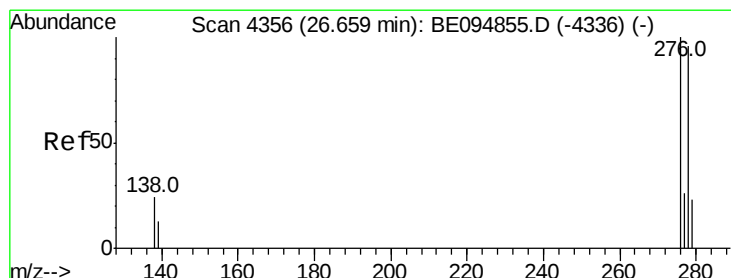
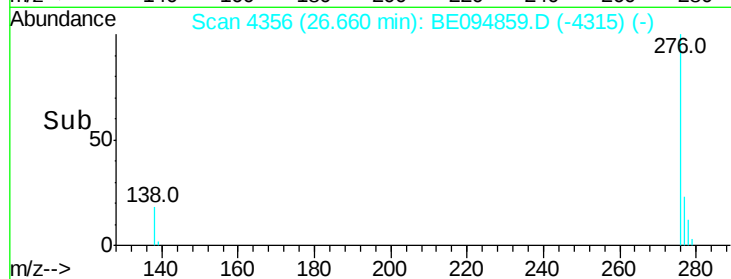
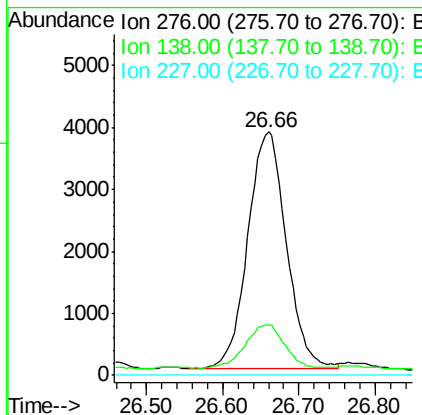
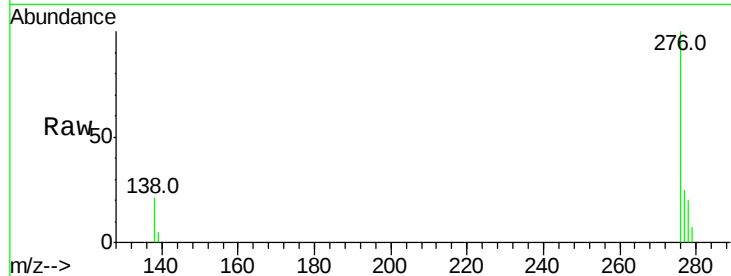
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	28.0	42.0#
227	0.0	8.0	12.0#

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#25

Dibenzo(a,h)anthracene

Concen: 0.140 ng/ul

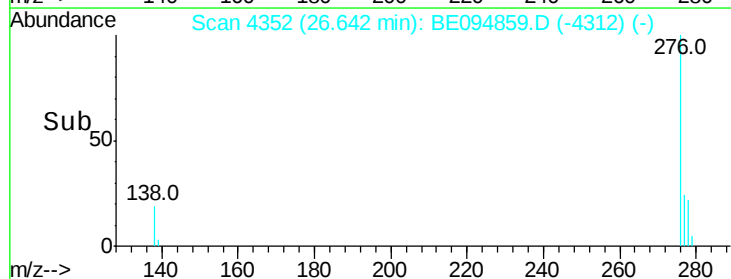
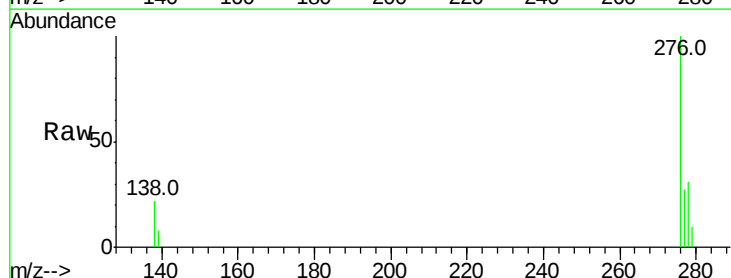
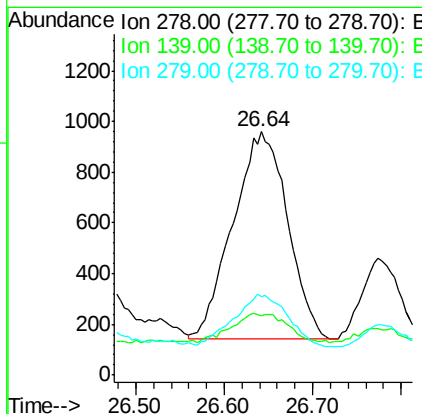
RT: 26.64 min Scan# 4352

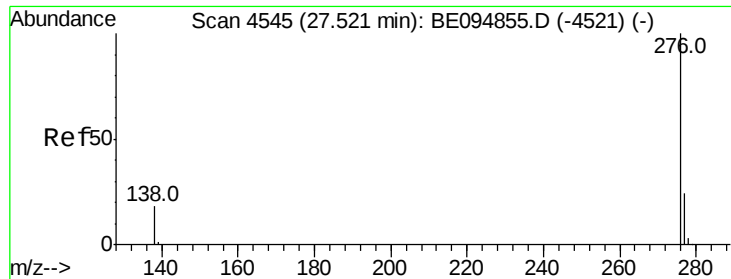
Delta R.T. -0.02 min

Lab File: BE094859.D

Acq: 23 Nov 2017 7:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.6	17.4	26.0
279	32.0	25.9	38.9





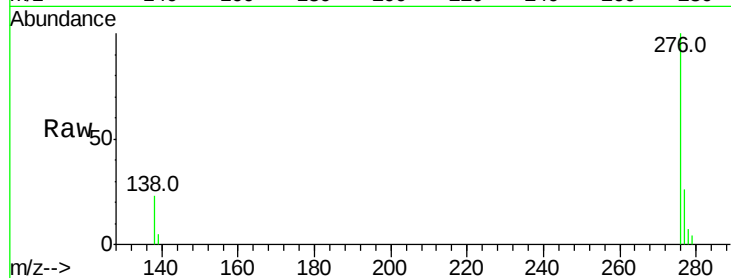
#26
 Benzo(a,h,i)perylene
 Concen: 0.413 ng/ul
 RT: 27.50 min Scan# 4541
 Delta R.T. -0.02 min
 Lab File: BE094859.D
 Acq: 23 Nov 2017 7:17

Instrument :
 BNA_E
 ClientSampleId :
 C0AB0

Tot Ion:	276	Resp:	10343
Ion Ratio	Lower	Upper	
276	100		
138	22.8	21.8	32.8
277	26.0	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:26:17 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

