

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094291.D
 Acq On : 11 Oct 2017 22:17
 Operator : SJ/JU
 Sample : I5490-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-69(0-1)-092717

Manual Integrations
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Sohil
 10/13/2017 12:05:49 PM

Quant Time: Oct 12 19:45:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 08:55:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1813	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8927	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4996	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9969	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9512	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8290m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3430	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	7504	0.23	ng/ul	0.00
Target Compounds						Ovalue
3) Naphthalene	10.74	128	4995	0.228	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	2859	0.202	ng/ul	97
7) Acenaphthylene	14.24	152	7535	0.387	ng/ul	96
8) Acenaphthene	14.58	153	7985	0.498	ng/ul	98
9) Fluorene	15.57	166	7675	0.409	ng/ul	92
12) Phenanthrene	17.29	178	168086	6.452	ng/ul#	89
13) Anthracene	17.38	178	44756	1.766	ng/ul#	89
15) Fluoranthene	19.31	202	336432	9.829	ng/ul	84
17) Pyrene	19.67	202	326889	12.351	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	179904	7.129	ng/ul#	89
19) Chrysene	21.46	228	175656	6.028	ng/ul	94
21) Benzo(b)fluoranthene	23.18	252	227807m	10.116	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	70461m	2.707	ng/ul	
23) Benzo(a)pyrene	23.85	252	165633m	7.078	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.66	276	94312m	3.940	ng/ul	
25) Dibenzo(a,h)anthracene	26.65	278	32935m	1.640	ng/ul	
26) Benzo(a,h,i)perylene	27.51	276	115138m	5.576	ng/ul	

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

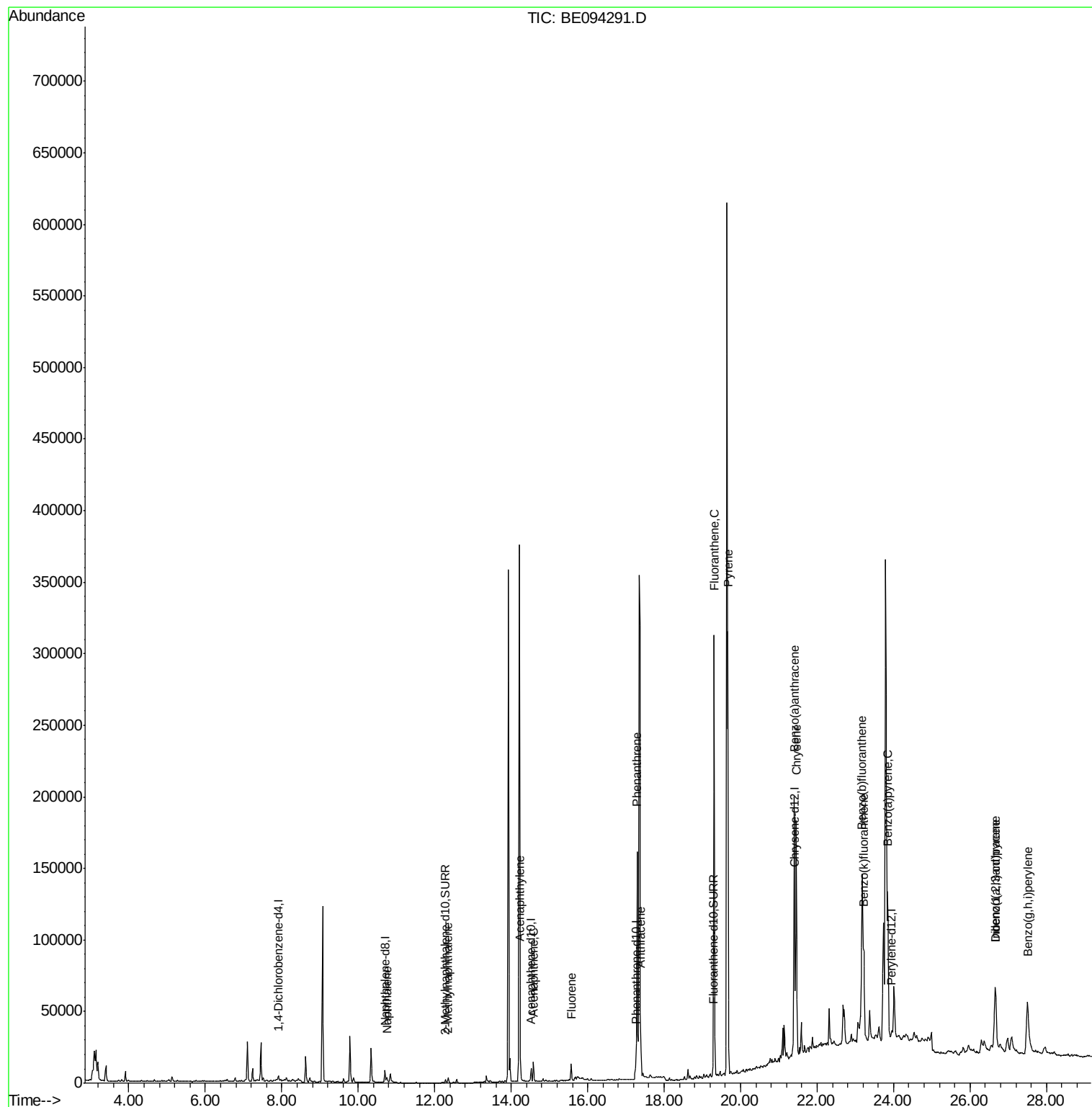
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094291.D
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Sample : I5490-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

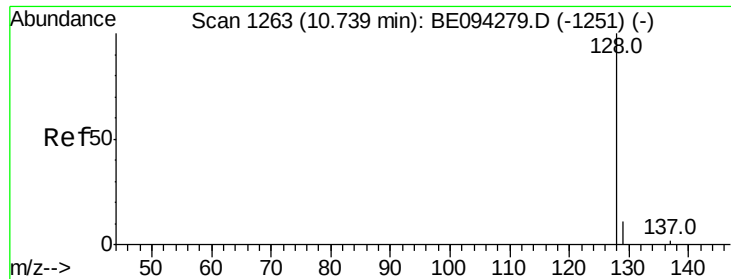
Instrument :
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#3

Naphthalene

Concen: 0.228 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094291.D

Acq: 11 Oct 2017 22:17

Instrument :

BNA_E

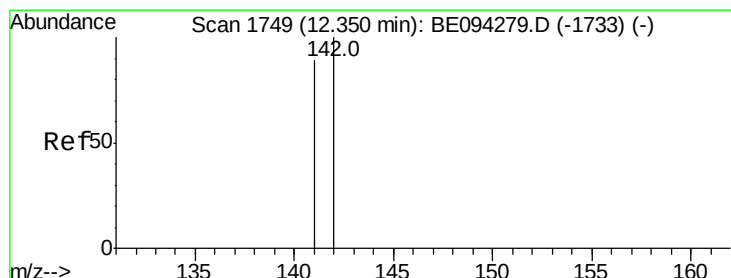
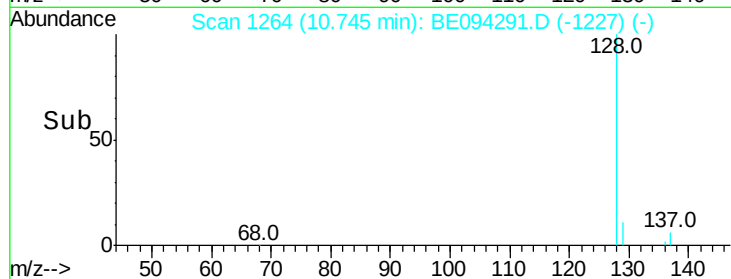
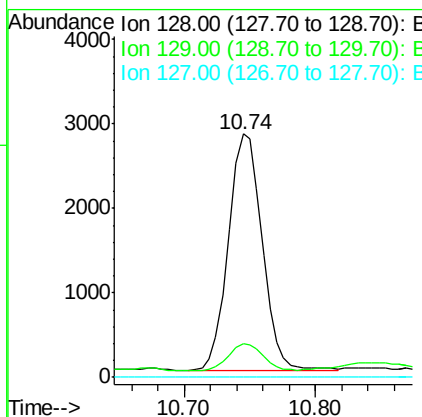
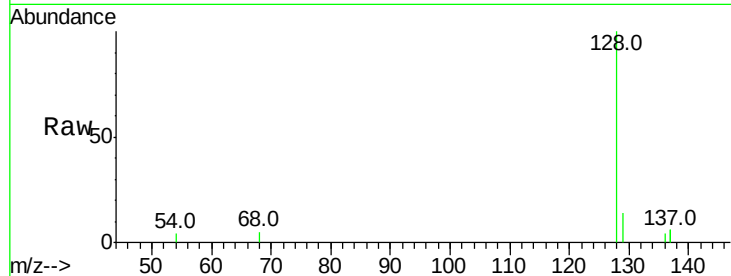
ClientSampleId :

B-69(0-1)-092717

Tot Ion:128	Resp:	4995
Ion Ratio	Lower	Upper
128 100		
129 13.7	11.3	16.9
127 0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.202 ng/ul

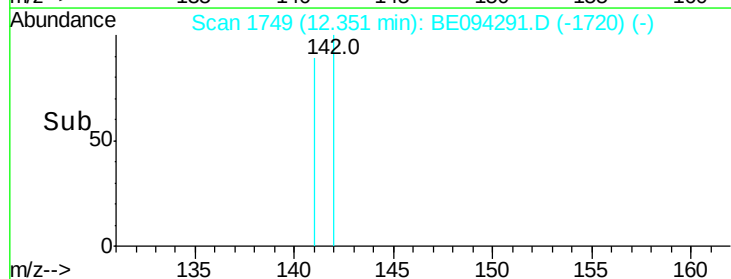
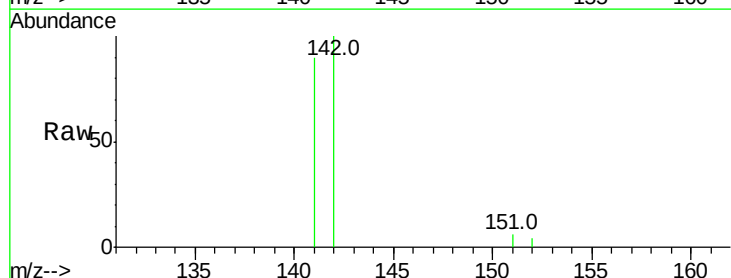
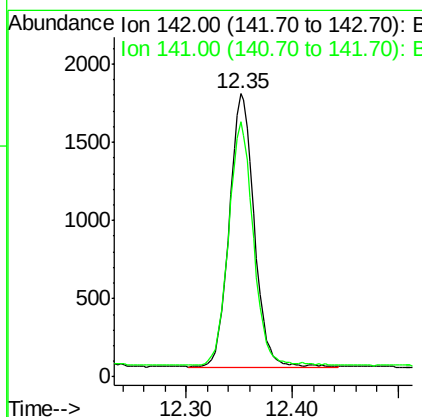
RT: 12.35 min Scan# 1749

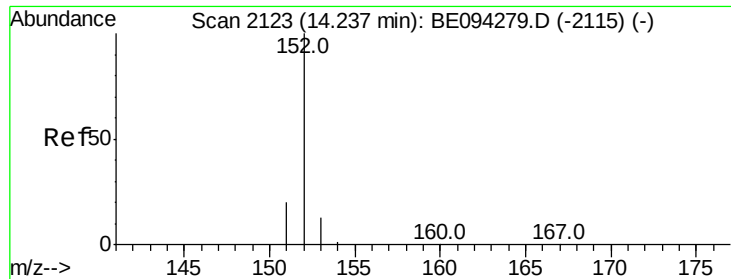
Delta R.T. -0.01 min

Lab File: BE094291.D

Acq: 11 Oct 2017 22:17

Tgt Ion:142	Resp:	2859
Ion Ratio	Lower	Upper
142 100		
141 88.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.387 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094291.D

Acq: 11 Oct 2017 22:17

Instrument :

BNA_E

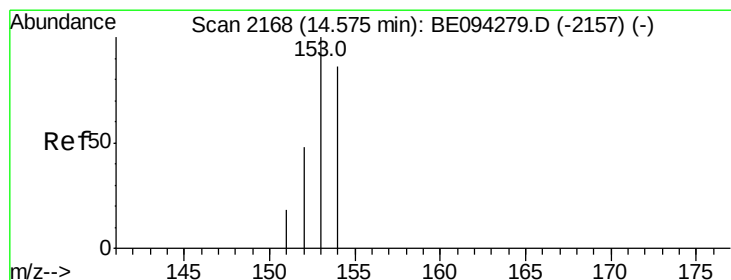
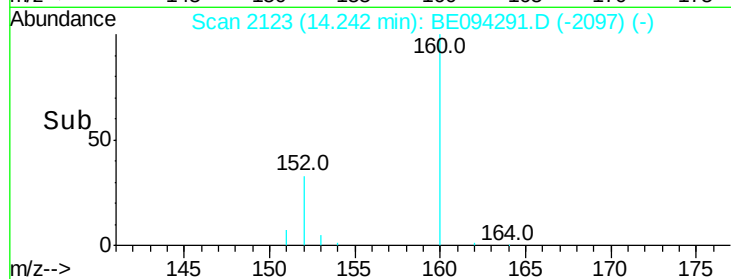
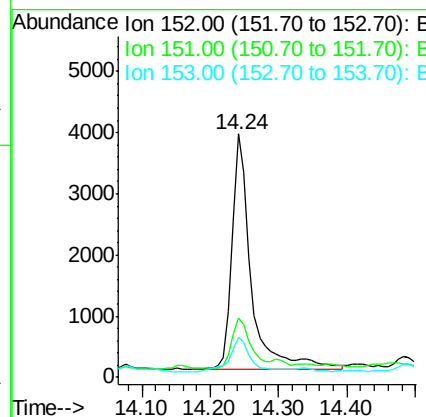
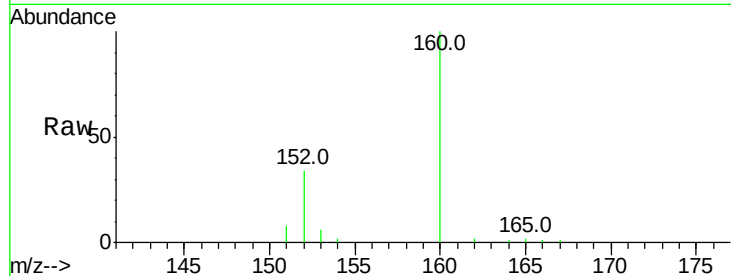
ClientSampleId :

B-69(0-1)-092717

Tot Ion:	152	Resp:	7535
Ion Ratio	Lower	Upper	
152	100		
151	24.2	17.1	25.7
153	16.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.498 ng/ul

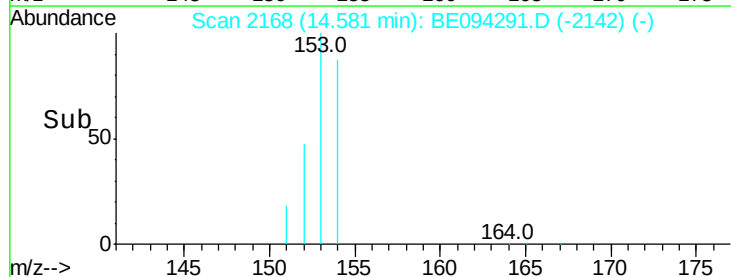
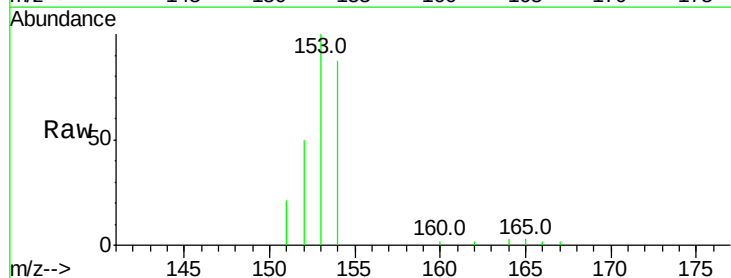
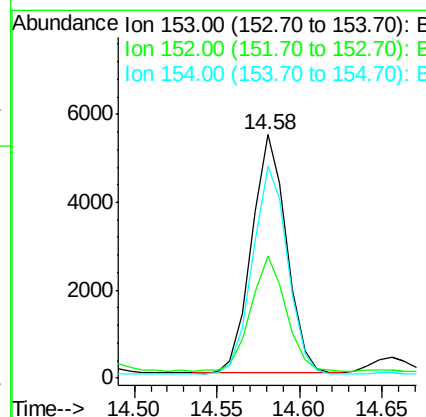
RT: 14.58 min Scan# 2168

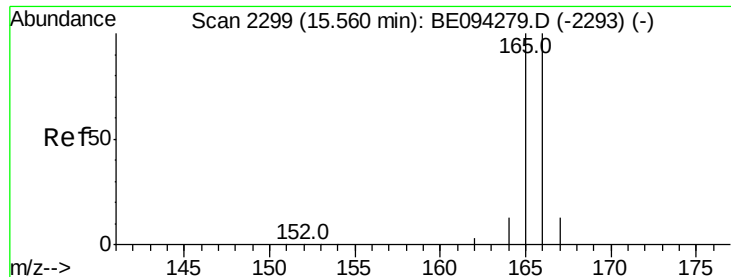
Delta R.T. -0.01 min

Lab File: BE094291.D

Acq: 11 Oct 2017 22:17

Tgt Ion:	153	Resp:	7985
Ion Ratio	Lower	Upper	
153	100		
152	50.1	40.3	60.5
154	86.7	71.4	107.2





#9

Fluorene

Concen: 0.409 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094291.D

Acq: 11 Oct 2017 22:17

Instrument :

BNA_E

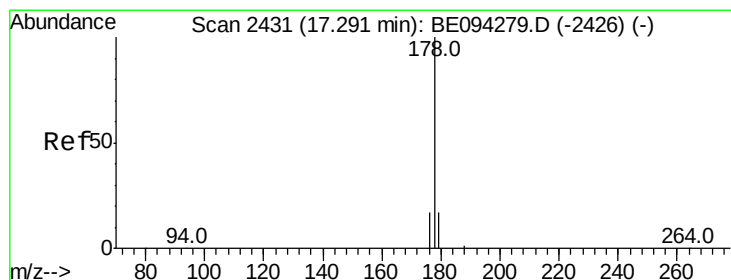
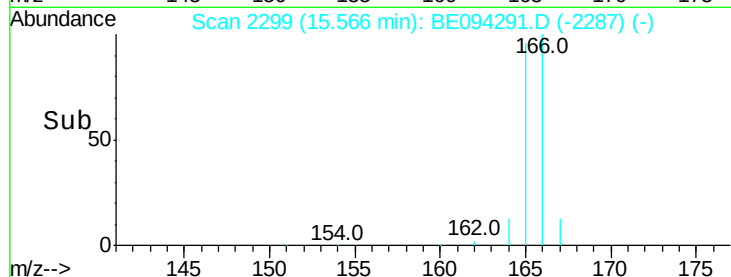
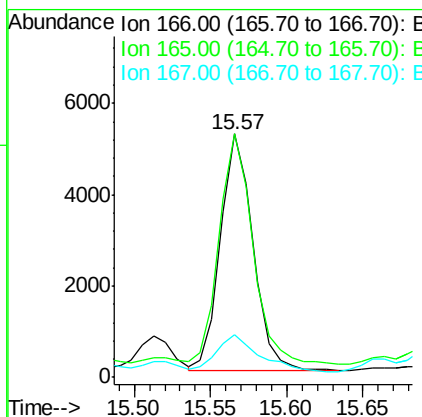
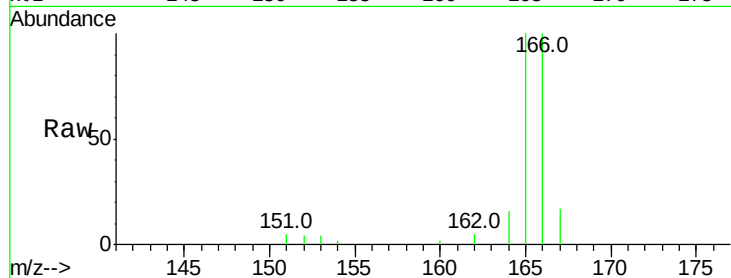
ClientSampleId :

B-69(0-1)-092717

Tot Ion:	166	Resp:	7675
Ion	Ratio	Lower	Upper
166	100		
165	100.1	73.4	110.2
167	17.3	14.6	22.0

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#12

Phenanthrene

Concen: 6.452 ng/ul

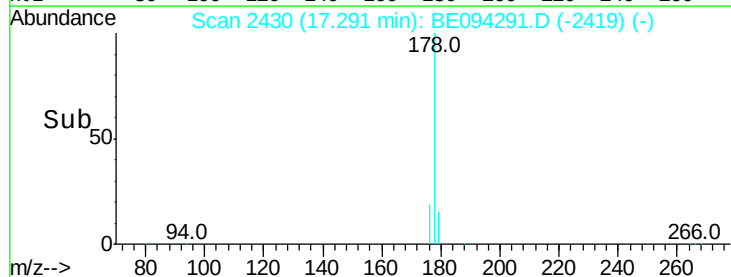
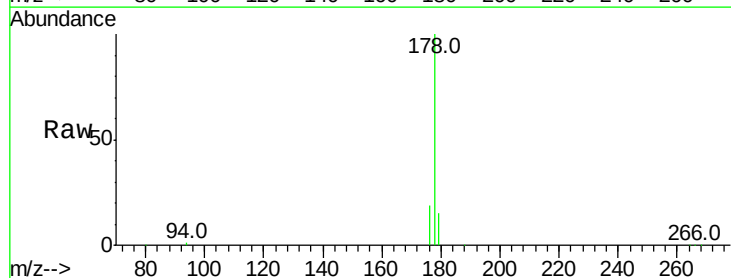
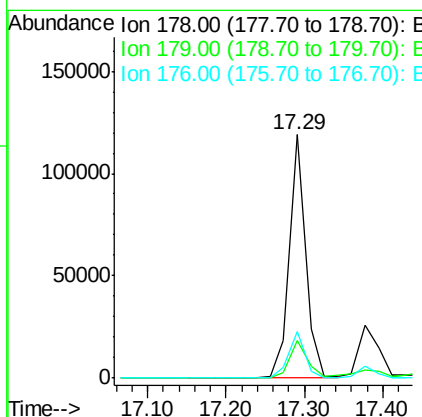
RT: 17.29 min Scan# 2430

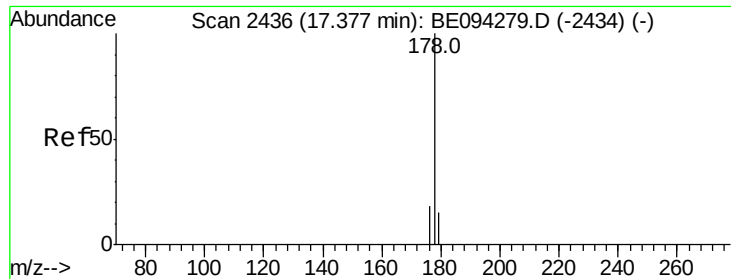
Delta R.T. -0.02 min

Lab File: BE094291.D

Acq: 11 Oct 2017 22:17

Tgt Ion:	178	Resp:	168086
Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.2	13.6	20.4





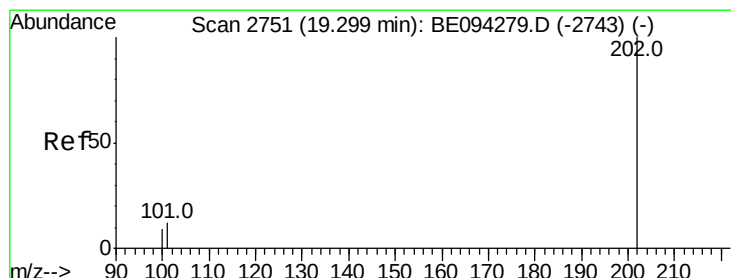
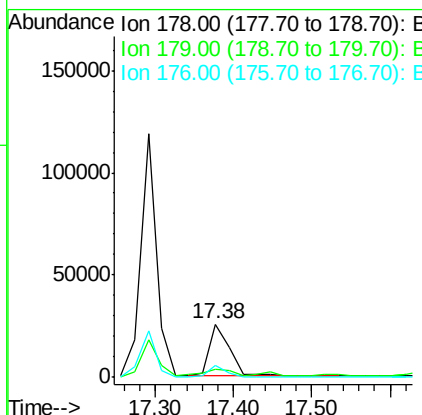
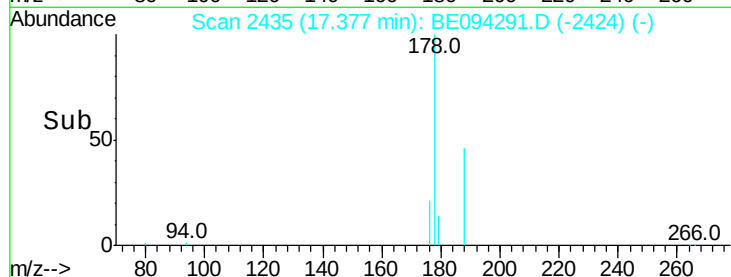
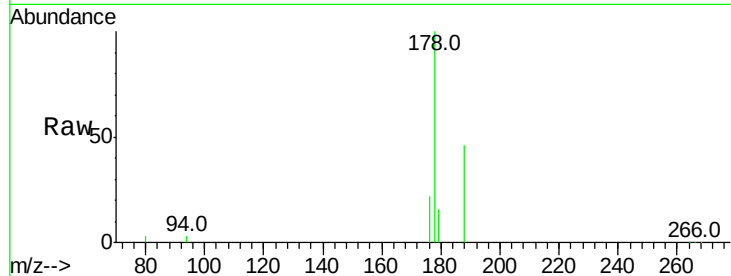
#13
 Anthracene
 Concen: 1.766 ng/ul
 RT: 17.38 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BE094291.D
 Acq: 11 Oct 2017 22:17

Instrument :
 BNA_E
 ClientSampleId :
 B-69(0-1)-092717

Tot Ion:178 Resp: 44756
 Ion Ratio Lower Upper
 178 100
 179 15.6 18.1 27.1#
 176 21.8 14.7 22.1

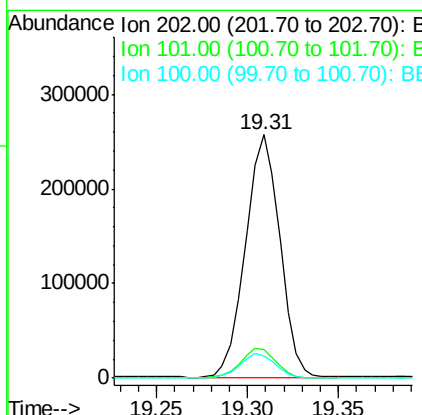
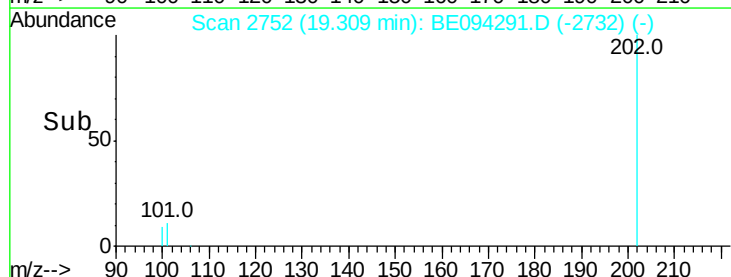
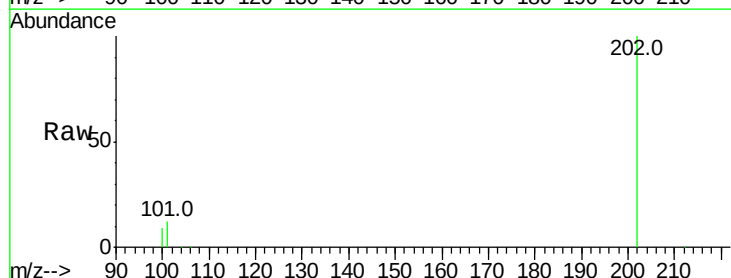
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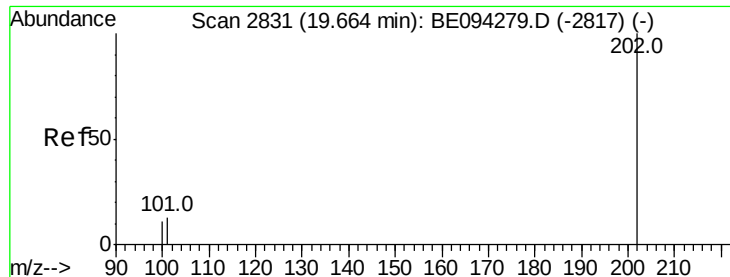
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#15
 Fluoranthene
 Concen: 9.829 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094291.D
 Acq: 11 Oct 2017 22:17

Tgt Ion:202 Resp: 336432
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 30.3
 100 9.1 0.0 39.5





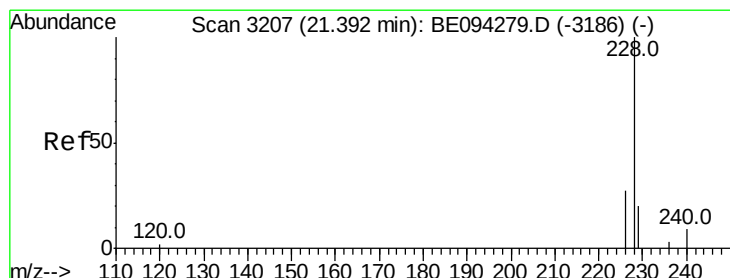
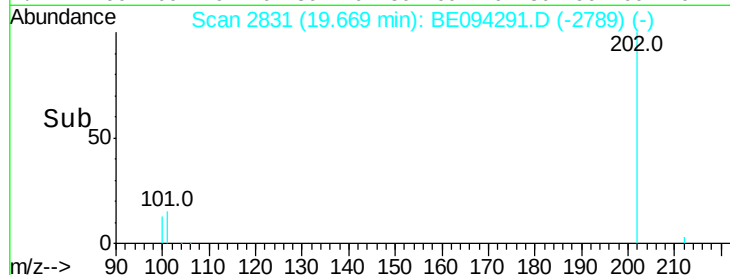
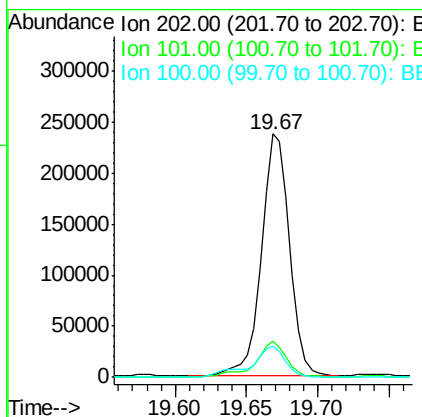
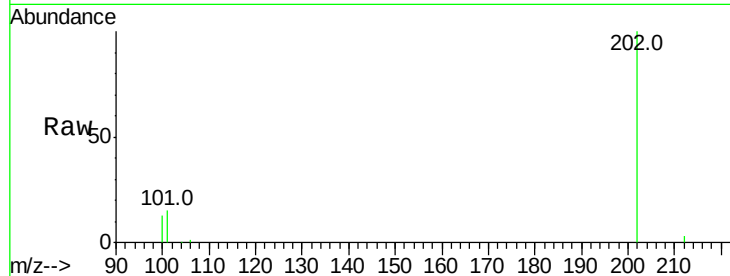
#17
Pvrene
Concen: 12.351 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094291.D
Acq: 11 Oct 2017 22:17

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	18.2	27.4#
100	12.8	15.6	23.4#

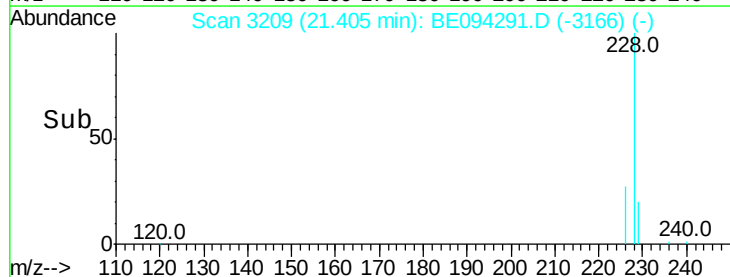
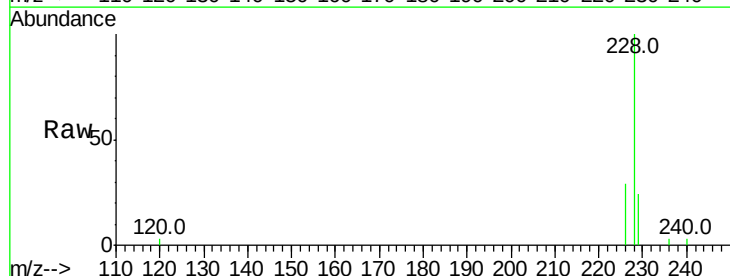
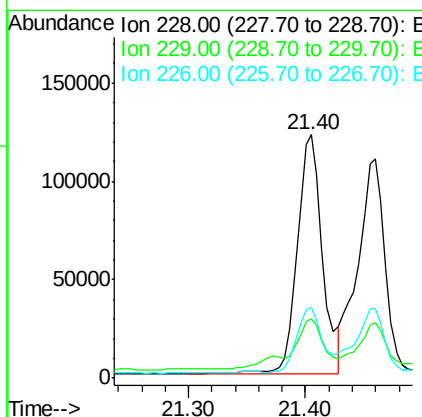
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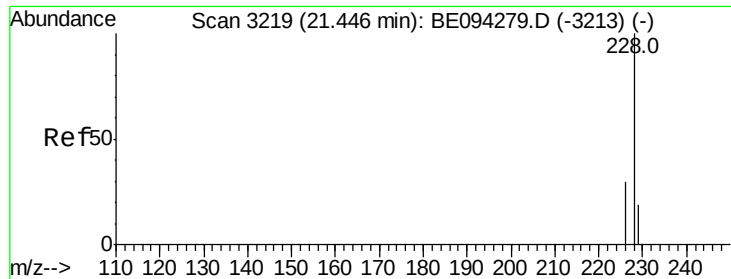
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#18
Benzo(a)anthracene
Concen: 7.129 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE094291.D
Acq: 11 Oct 2017 22:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	24.4	22.8	34.2
226	28.9	17.0	25.6#





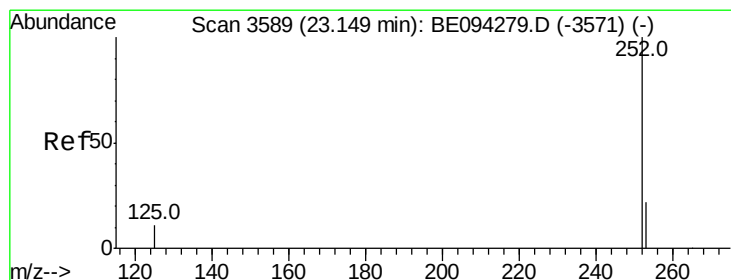
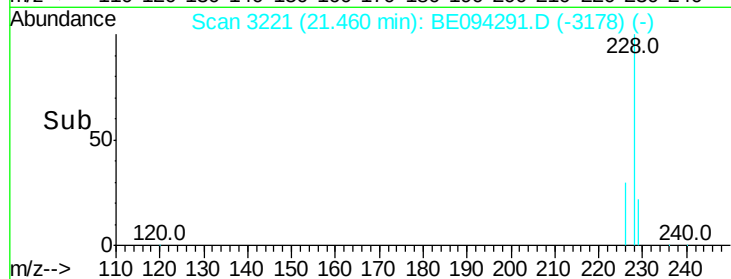
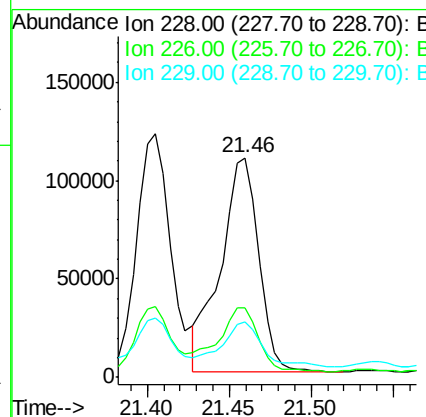
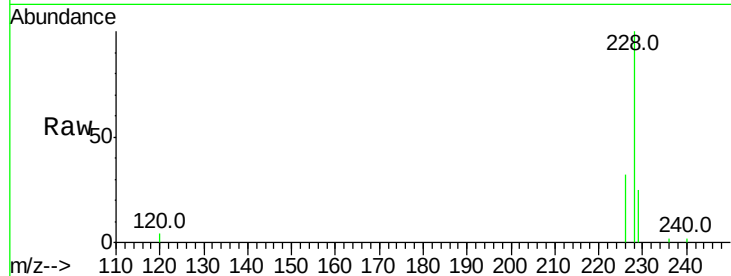
#19
Chrysene
Concen: 6.028 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BE094291.D
Acq: 11 Oct 2017 22:17

Instrument :
BNA_E
ClientSampleId :
B-69(0-1)-092717

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	25.5	17.7	26.5

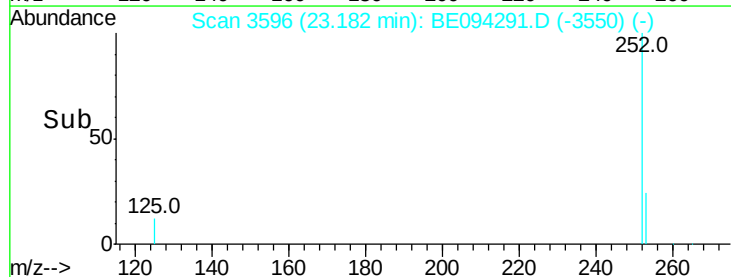
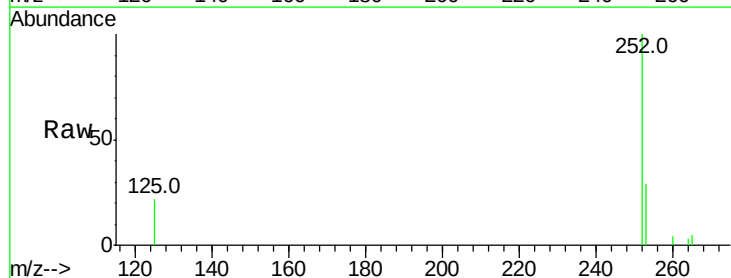
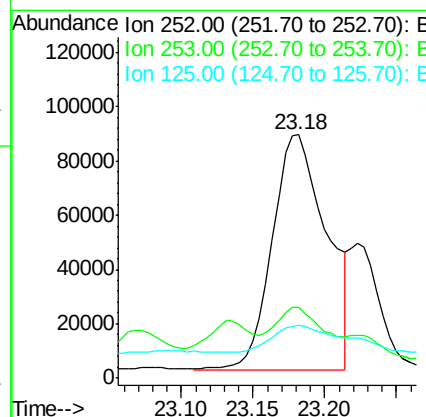
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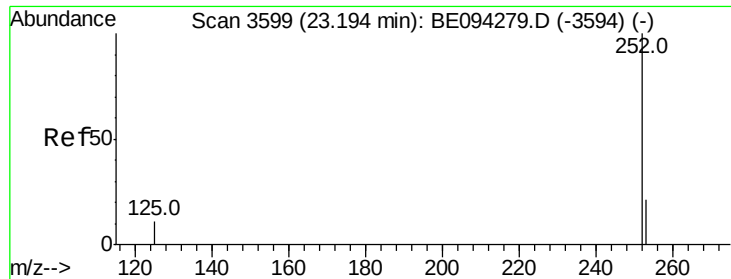
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#21
Benzo(b)fluoranthene
Concen: 10.116 ng/ul m
RT: 23.18 min Scan# 3596
Delta R.T. 0.01 min
Lab File: BE094291.D
Acq: 11 Oct 2017 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	64.2
125	21.7	0.0	35.0





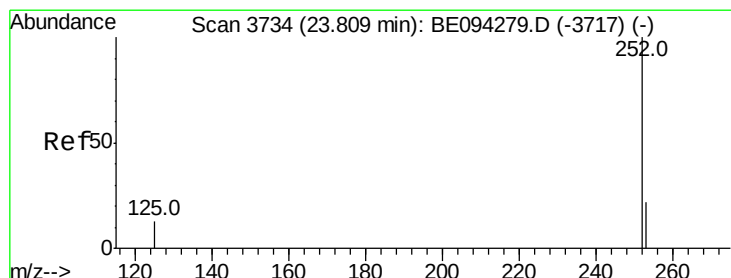
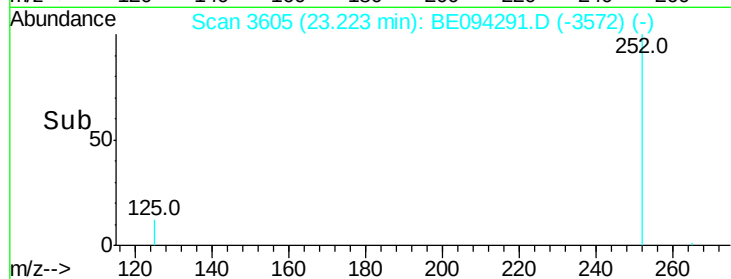
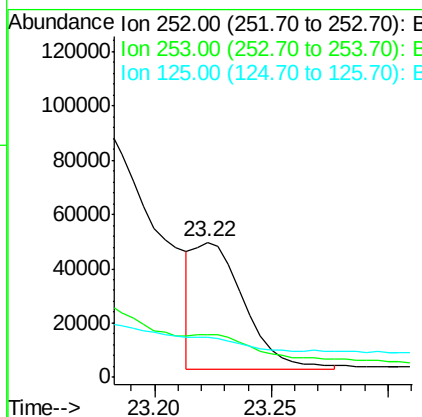
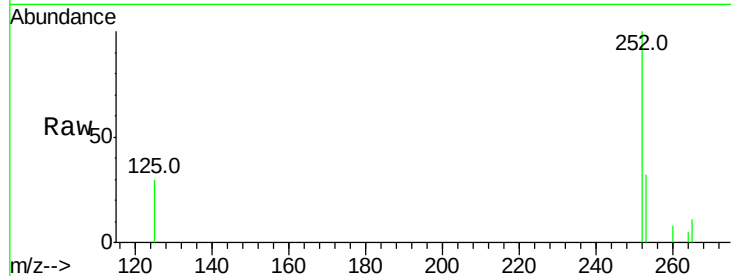
#22
Benzo(k)fluoranthene
Concen: 2.707 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. 0.00 min
Lab File: BE094291.D
Acq: 11 Oct 2017 22:17

Instrument :
BNA_E
ClientSampleId :
B-69(0-1)-092717

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.9	24.5	36.7
125	29.8	13.7	20.5

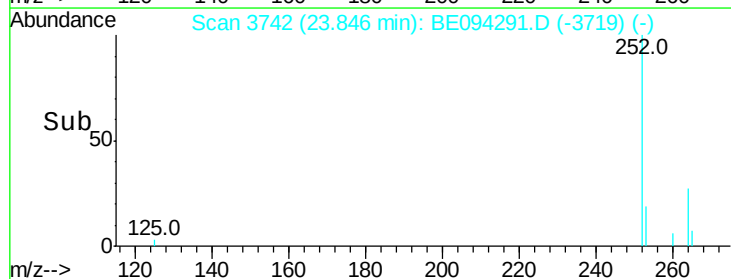
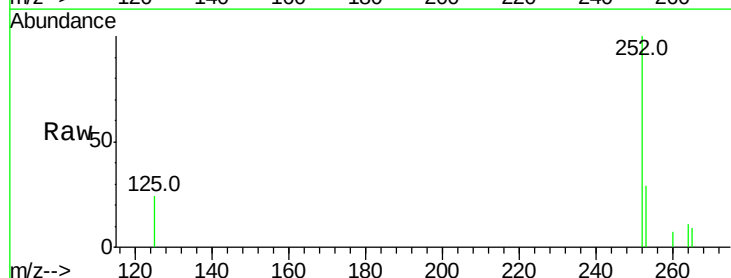
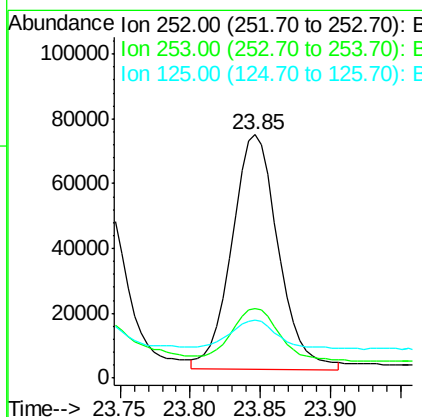
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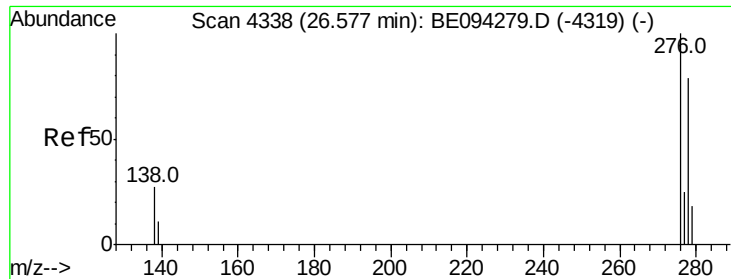
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#23
Benzo(a)pyrene
Concen: 7.078 ng/ul m
RT: 23.85 min Scan# 3742
Delta R.T. 0.00 min
Lab File: BE094291.D
Acq: 11 Oct 2017 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	28.5	42.7
125	23.7	18.1	27.1





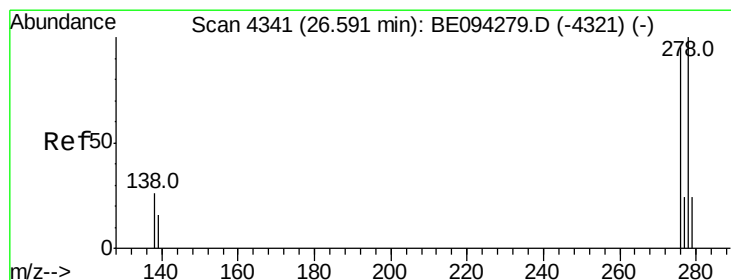
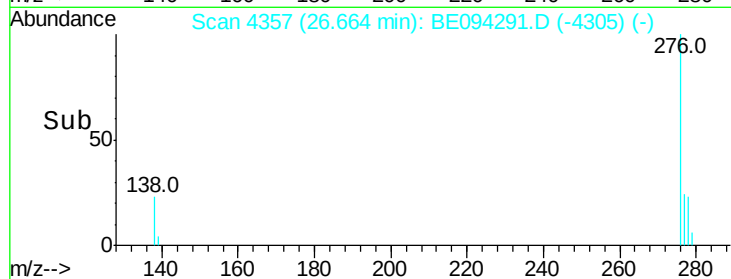
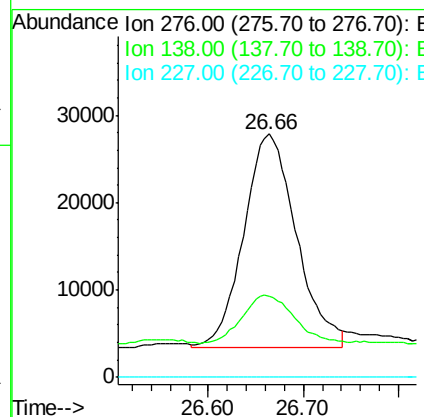
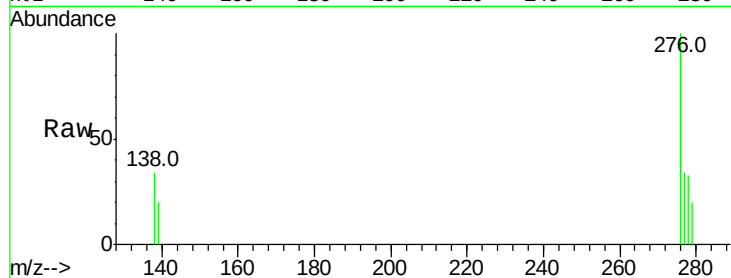
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.940 ng/ul m
 RT: 26.66 min Scan# 4357
 Delta R.T. 0.04 min
 Lab File: BE094291.D
 Acq: 11 Oct 2017 22:17

Instrument :
 BNA_E
 ClientSampleId :
 B-69(0-1)-092717

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.0	28.0	42.0#
227	0.0	8.0	12.0#

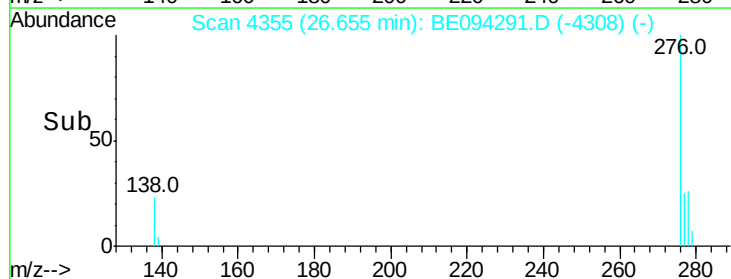
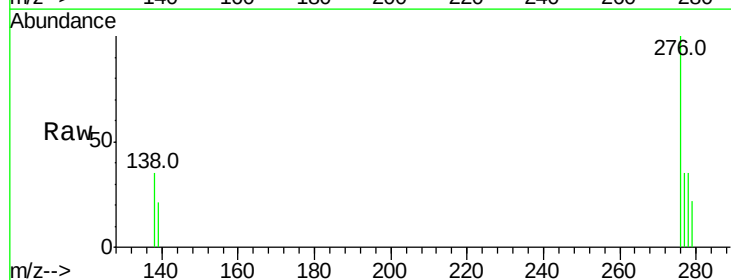
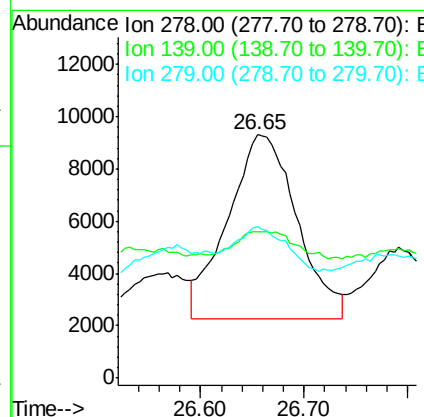
Manual Integrations
 APPROVED

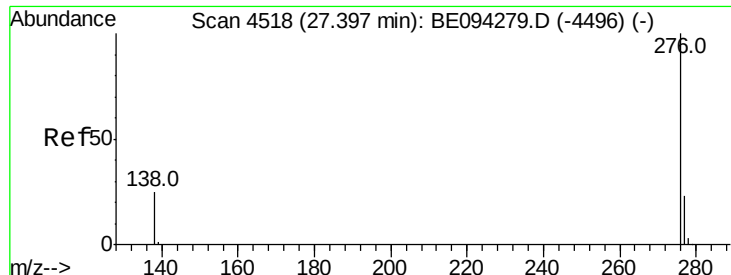
Sohil
 10/13/2017 12:05:49 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.640 ng/ul m
 RT: 26.65 min Scan# 4355
 Delta R.T. 0.01 min
 Lab File: BE094291.D
 Acq: 11 Oct 2017 22:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	60.2	17.4	26.0#
279	62.0	25.9	38.9#





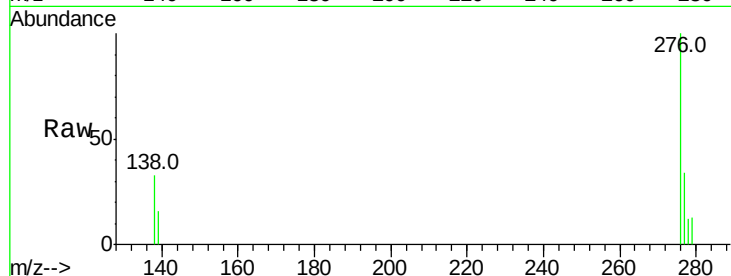
#26
 Benzo(a,h,i)perylene
 Concen: 5.576 ng/ul m
 RT: 27.51 min Scan# 4542
 Delta R.T. 0.04 min
 Lab File: BE094291.D
 Acq: 11 Oct 2017 22:17

Instrument :
 BNA_E
 ClientSampleId :
 B-69(0-1)-092717

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.8	32.8#
277	33.8	20.5	30.7#

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:05:49 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

