

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094561.D
 Acq On : 26 Oct 2017 14:14
 Operator : SJ/JU
 Sample : I5719-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-35(1-2)-100417DL

Manual Integrations
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Sohil
 10/27/2017 5:34:44 PM

Quant Time: Oct 27 08:09:07 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1174	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6843	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	3920	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8829	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8801	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	8978	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	391	0.04	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	961	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	16399	0.980	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	3824	0.327	ng/ul	96
7) Acenaphthylene	14.24	152	626	0.035	ng/ul#	72
8) Acenaphthene	14.57	153	1217	0.096	ng/ul	93
9) Fluorene	15.57	166	1513	0.106	ng/ul	93
12) Phenanthrene	17.29	178	12348	0.529	ng/ul#	91
13) Anthracene	17.38	178	3006	0.131	ng/ul#	95
15) Fluoranthene	19.31	202	19641	0.728	ng/ul	84
17) Pyrene	19.67	202	17130	0.630	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	11202	0.445	ng/ul#	92
19) Chrysene	21.46	228	13111	0.504	ng/ul#	91
21) Benzo(b)fluoranthene	23.18	252	17540m	0.695	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	5415m	0.200	ng/ul	
23) Benzo(a)pyrene	23.84	252	12213	0.484	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.64	276	9131	0.350	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	2396	0.109	ng/ul#	41
26) Benzo(g,h,i)perylene	27.48	276	8323	0.397	ng/ul#	87

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

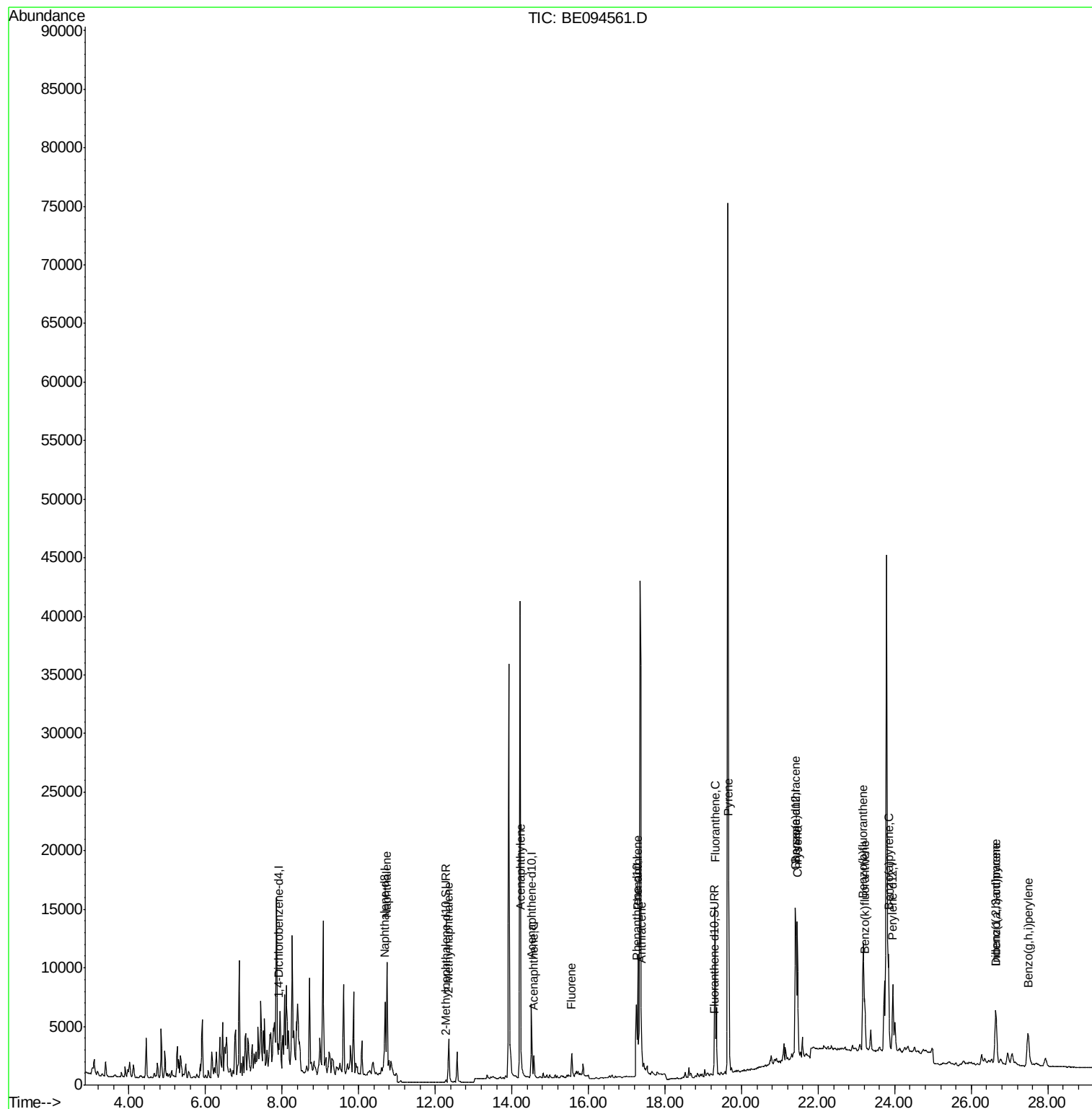
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
Data File : BE094561.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

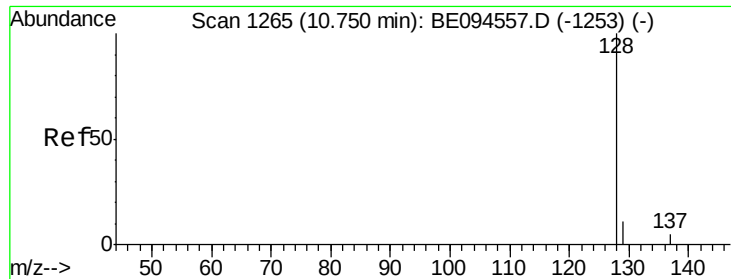
Instrument :
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B-35(1-2)-100417DL

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QLast Update : Fri Oct 27 04:05:19 2017
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#3

Naphthalene

Concen: 0.980 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

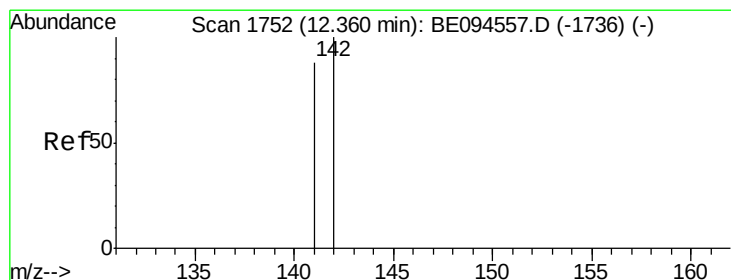
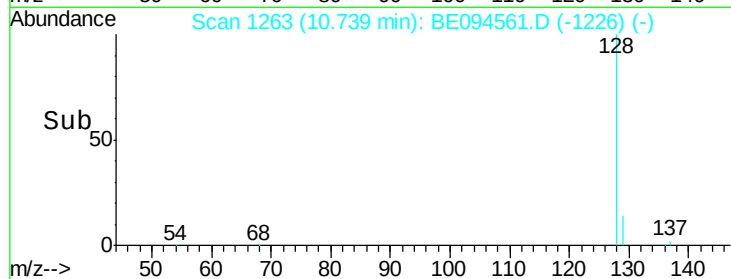
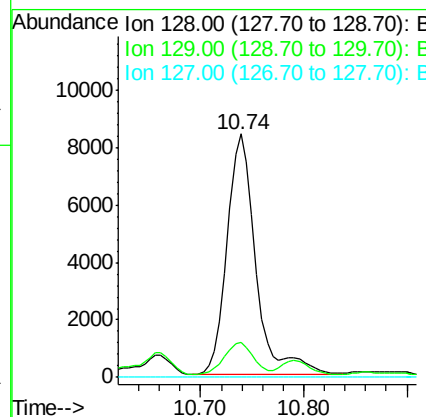
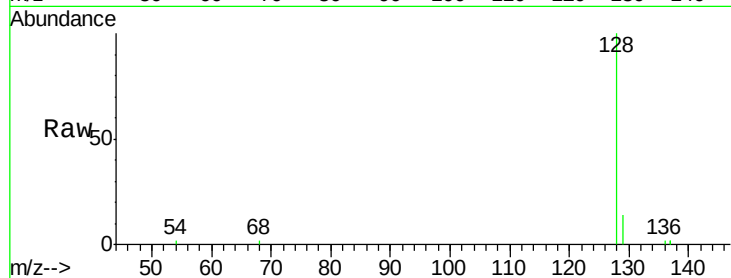
ClientSampleId :

B-35(1-2)-100417DL

Tgt Ion:	128	Resp:	16399
Ion Ratio	Lower	Upper	
128	100		
129	14.5	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.327 ng/ul

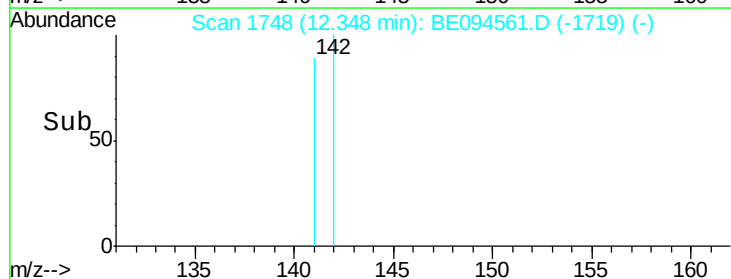
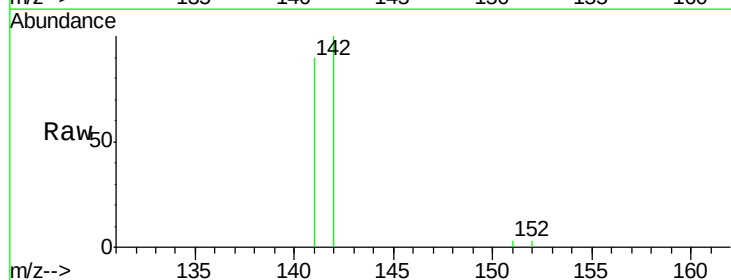
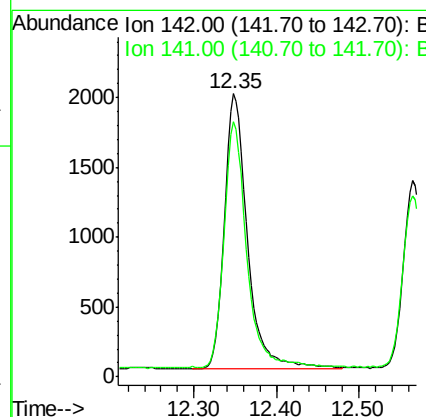
RT: 12.35 min Scan# 1748

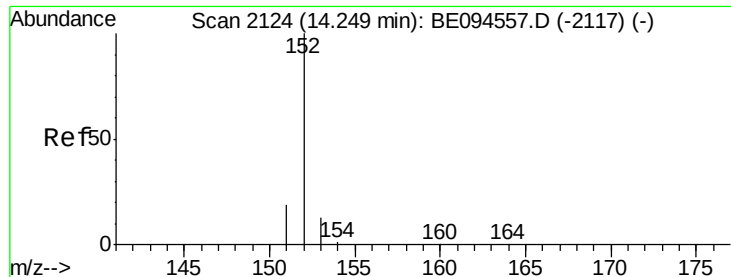
Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Tgt Ion:	142	Resp:	3824
Ion Ratio	Lower	Upper	
142	100		
141	87.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

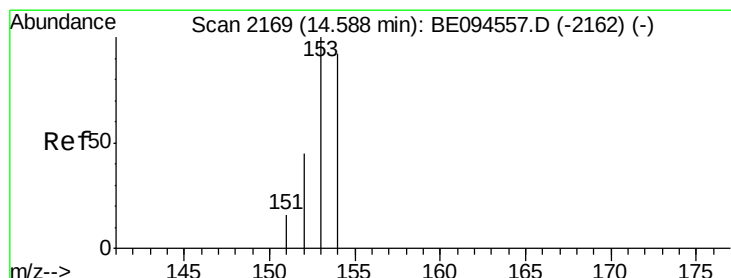
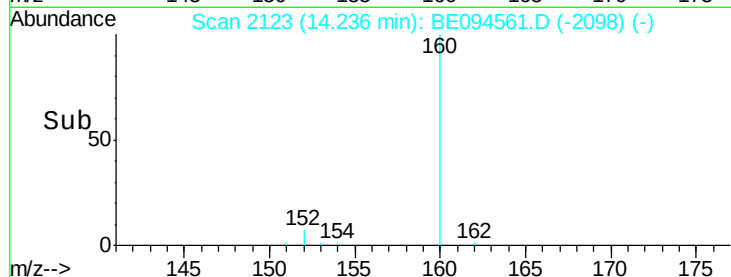
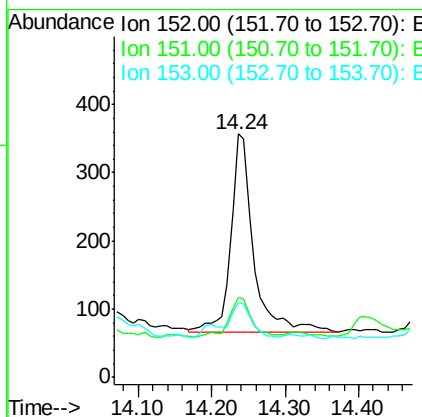
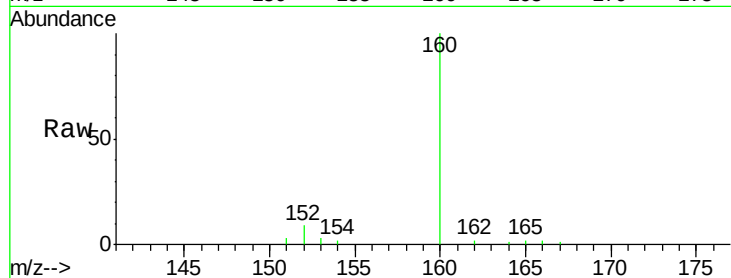
ClientSampleId :

B-35(1-2)-100417DL

Tgt Ion:	152	Resp:	626
Ion Ratio	Lower	Upper	
152	100		
151	32.5	17.1	25.7#
153	30.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.096 ng/ul

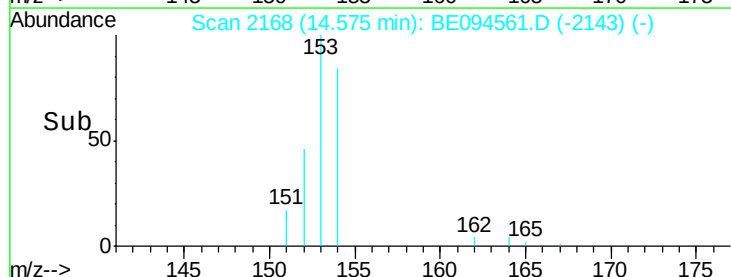
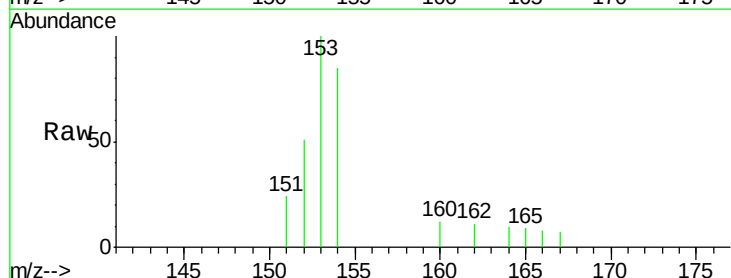
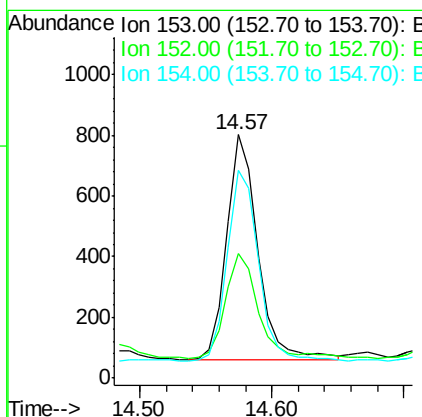
RT: 14.57 min Scan# 2168

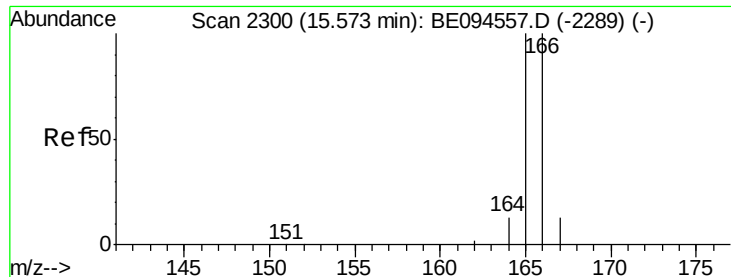
Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Tgt Ion:	153	Resp:	1217
Ion Ratio	Lower	Upper	
153	100		
152	51.4	36.0	54.0
154	85.3	72.0	108.0





#9

Fluorene

Concen: 0.106 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

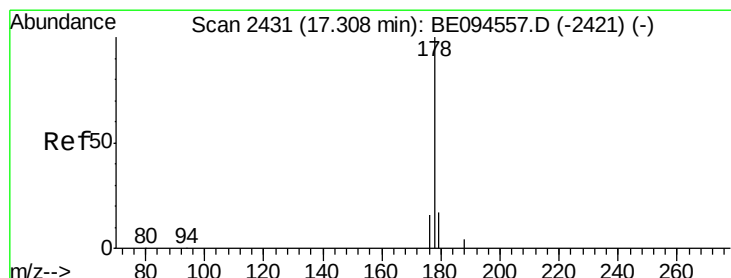
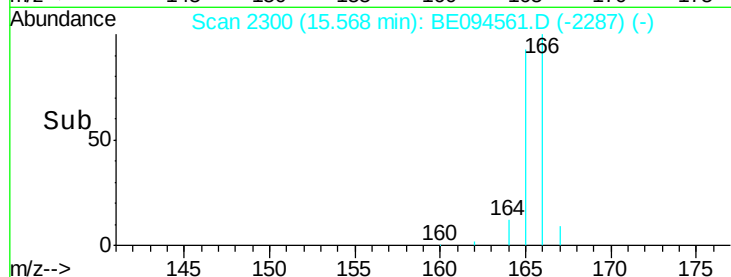
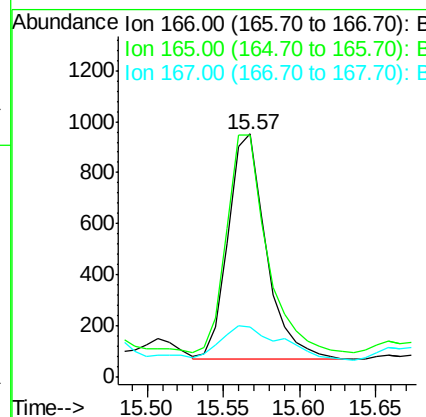
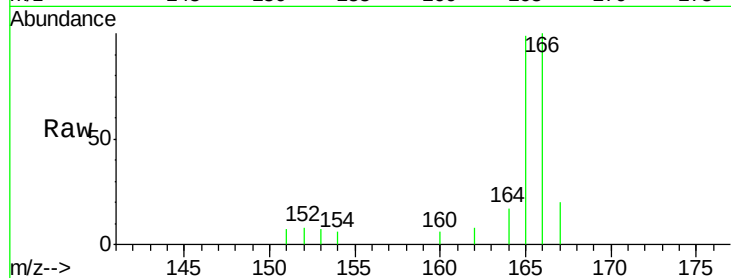
ClientSampleId :

B-35(1-2)-100417DL

Tgt Ion:	166	Resp:	1513
Ion Ratio	Lower	Upper	
166	100		
165	99.4	73.4	110.2
167	20.4	14.6	22.0

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#12

Phenanthrene

Concen: 0.529 ng/ul

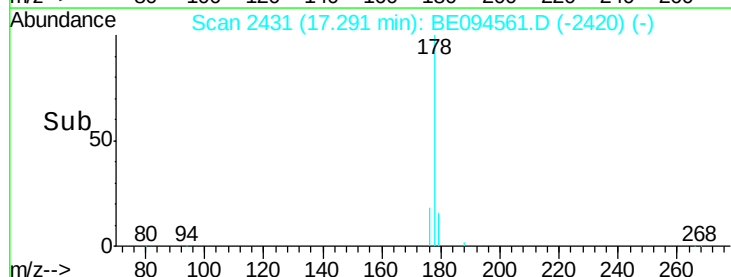
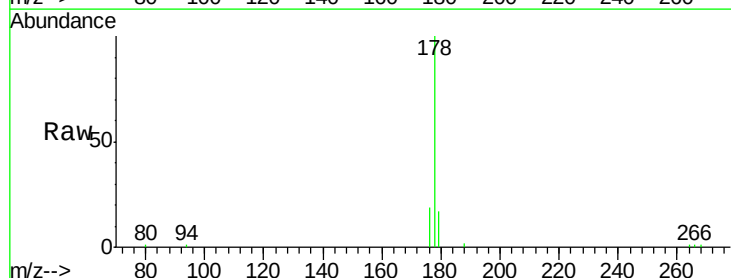
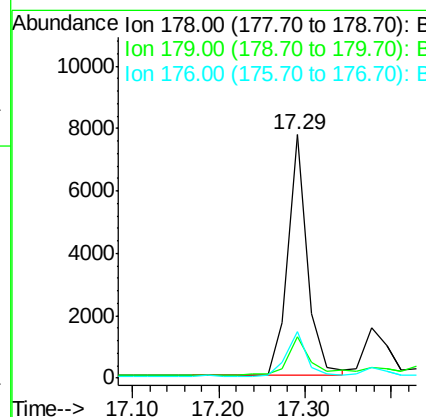
RT: 17.29 min Scan# 2431

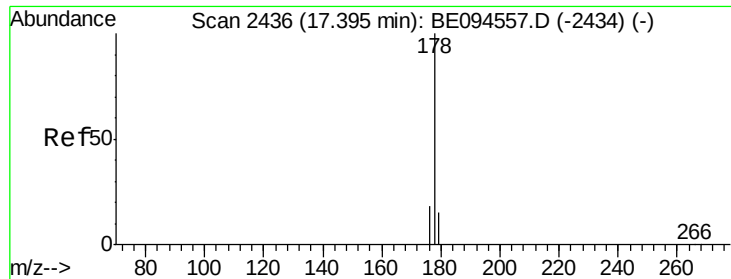
Delta R.T. -0.02 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Tgt Ion:	178	Resp:	12348
Ion Ratio	Lower	Upper	
178	100		
179	16.8	18.4	27.6#
176	18.9	13.6	20.4





#13

Anthracene

Concen: 0.131 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

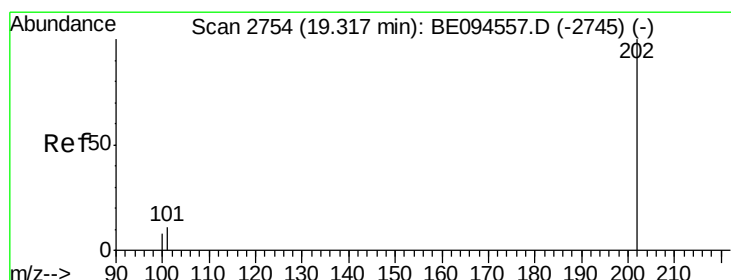
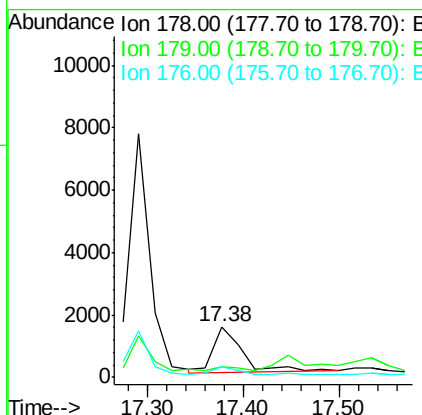
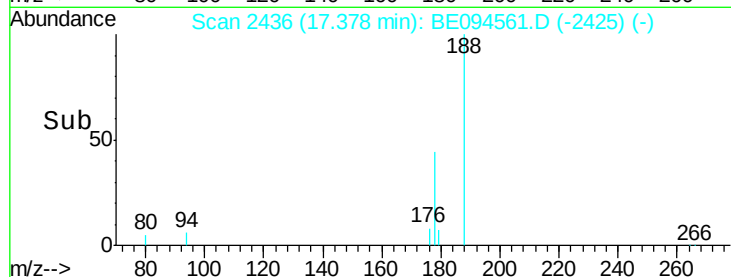
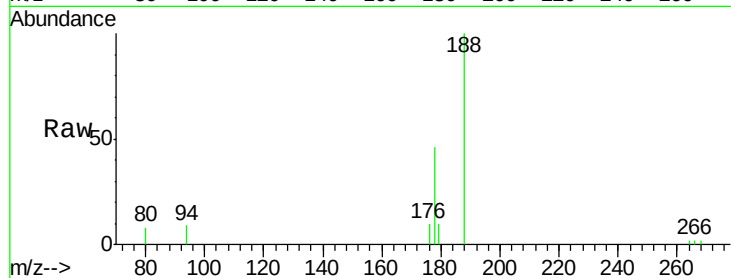
ClientSampleId :

B-35(1-2)-100417DL

Tgt Ion:	178	Resp:	3006
Ion Ratio	Lower	Upper	
178	100		
179	21.3	18.1	27.1
176	22.2	14.7	22.1#

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#15

Fluoranthene

Concen: 0.728 ng/ul

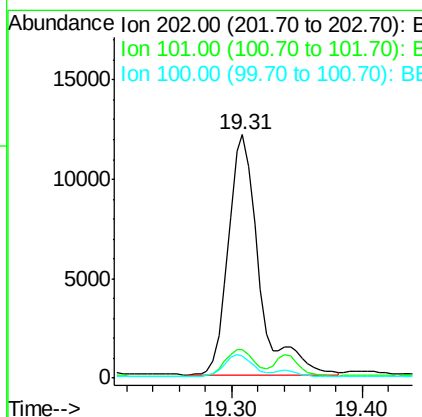
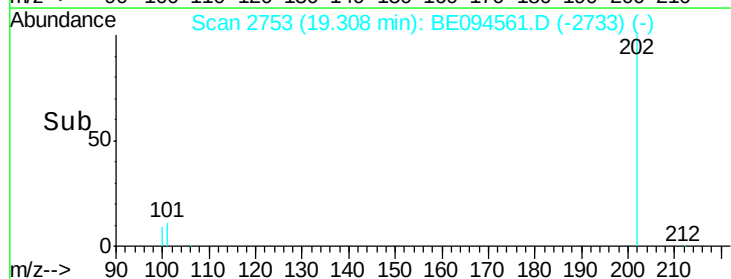
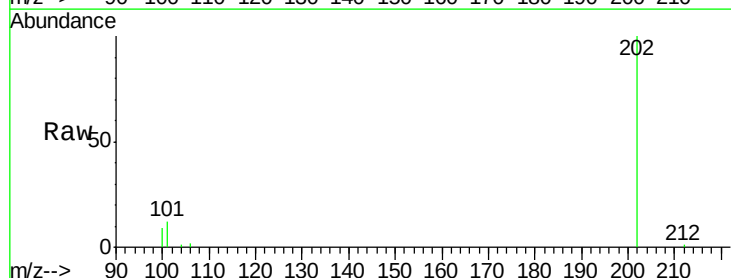
RT: 19.31 min Scan# 2753

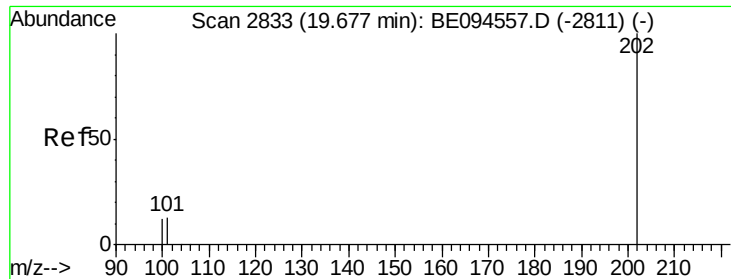
Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Tgt Ion:	202	Resp:	19641
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	30.3
100	9.2	0.0	39.5





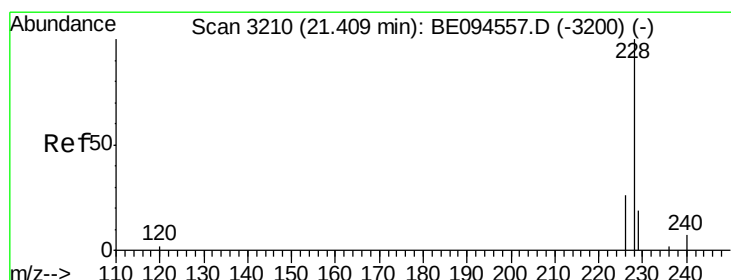
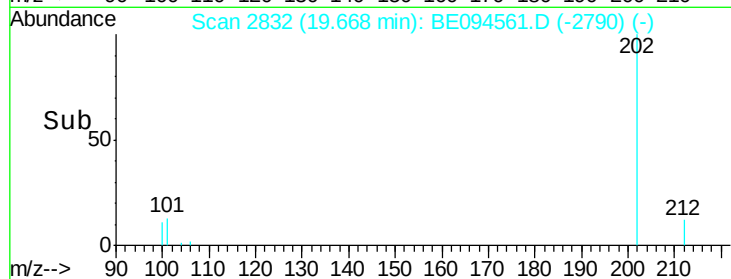
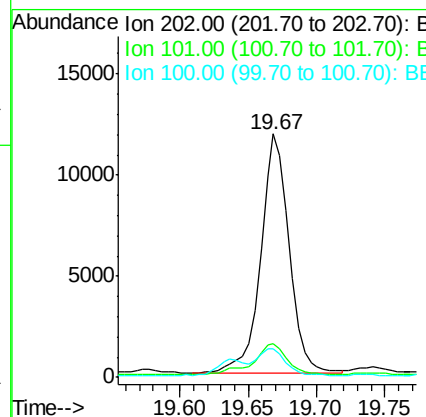
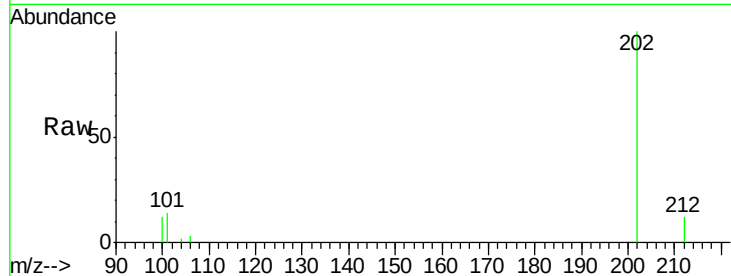
#17
 Pyrene
 Concen: 0.630 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094561.D
 Acq: 26 Oct 2017 14:14

Instrument :
 BNA_E
 ClientSampleId :
 B-35(1-2)-100417DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.1	18.2	27.4#
100	12.0	15.6	23.4#

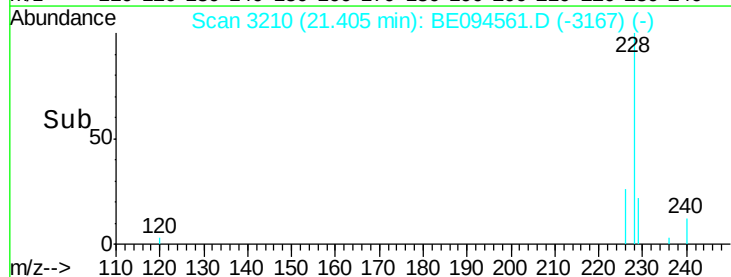
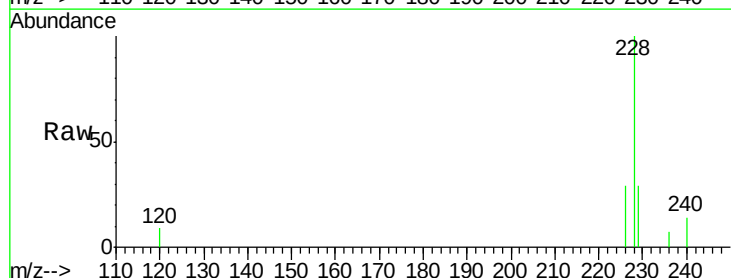
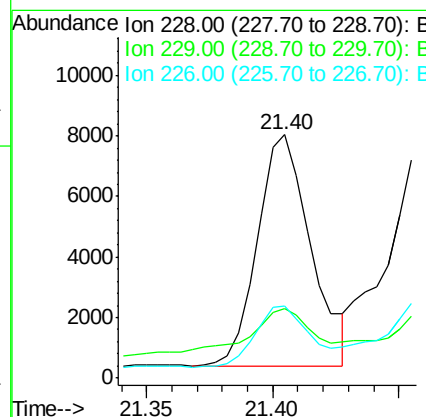
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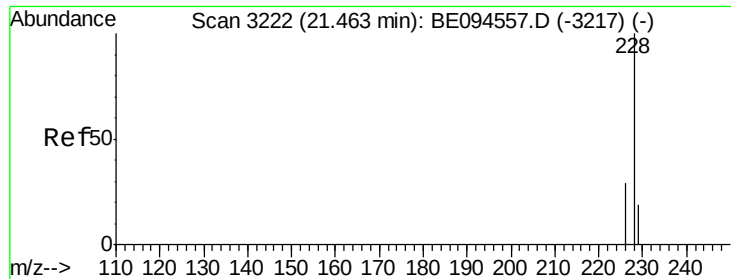
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#18
 Benzo(a)anthracene
 Concen: 0.445 ng/ul
 RT: 21.40 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BE094561.D
 Acq: 26 Oct 2017 14:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	28.8	22.8	34.2
226	29.4	17.0	25.6#





#19

Chrysene

Concen: 0.504 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

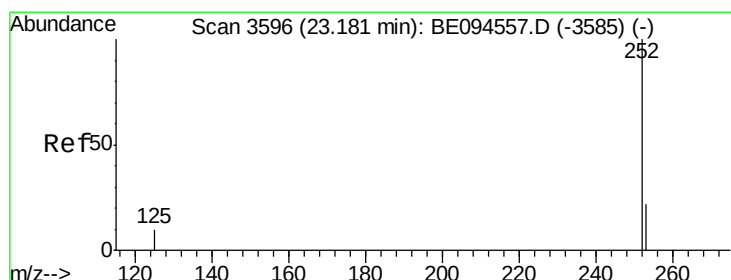
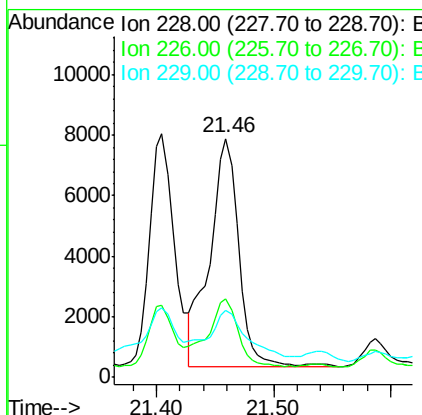
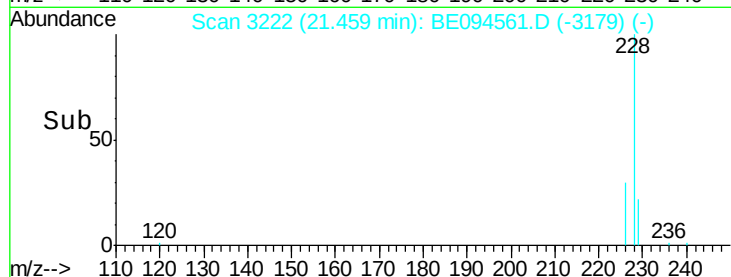
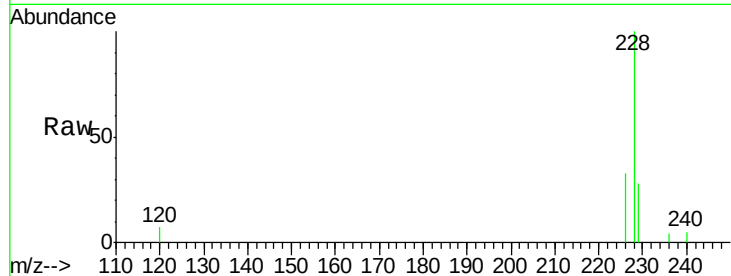
ClientSampleId :

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Tgt Ion:	228	Resp:	13111
Ion Ratio	Lower	Upper	
228	100		
226	32.6	23.4	35.0
229	28.1	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.695 ng/ul m

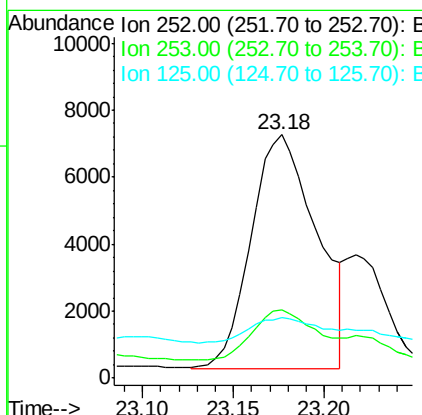
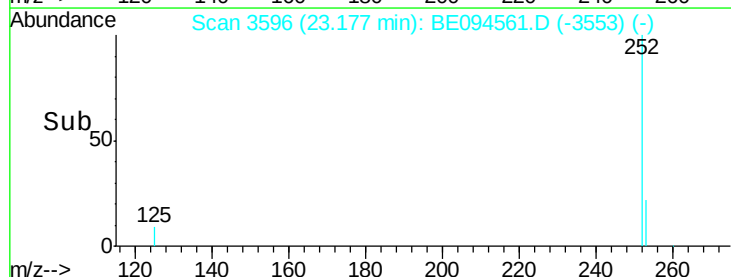
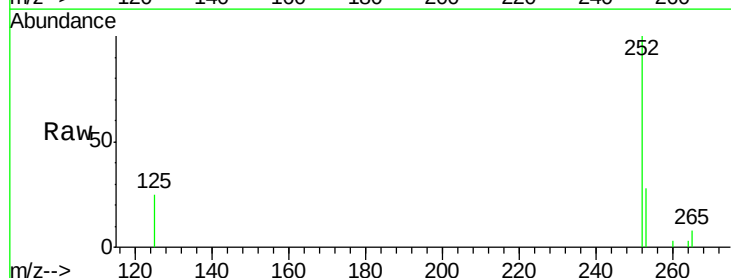
RT: 23.18 min Scan# 3596

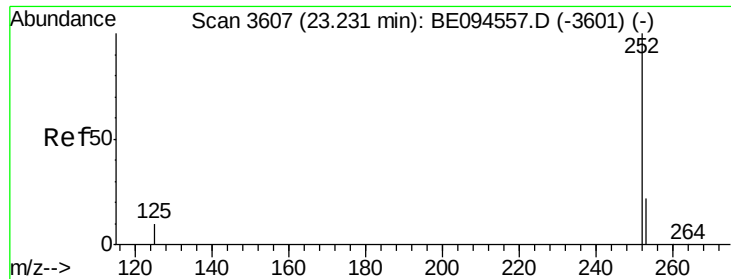
Delta R.T. -0.00 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Tgt Ion:	252	Resp:	17540
Ion Ratio	Lower	Upper	
252	100		
253	27.9	0.0	64.2
125	25.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.200 ng/ul m

RT: 23.22 min Scan# 3605

Delta R.T. -0.01 min

Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

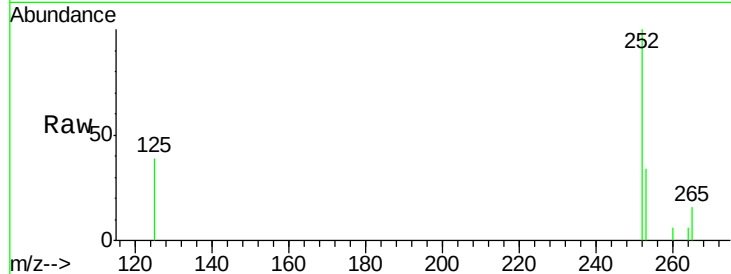
ClientSampleId :

B-35(1-2)-100417DL

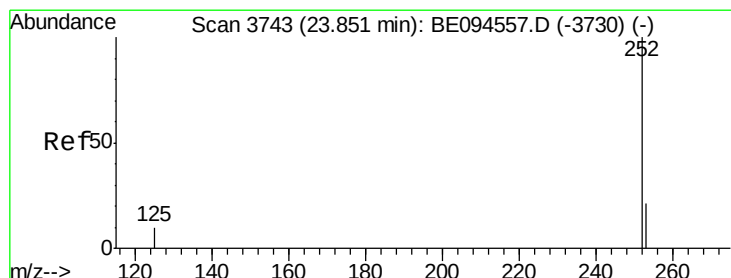
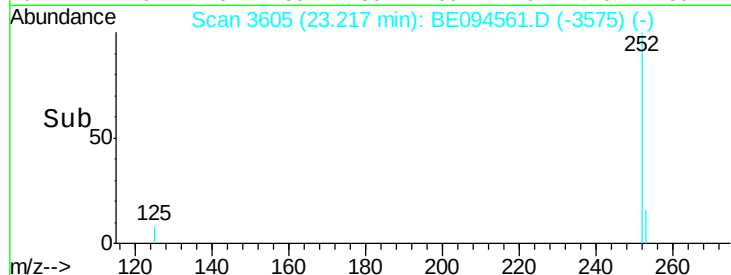
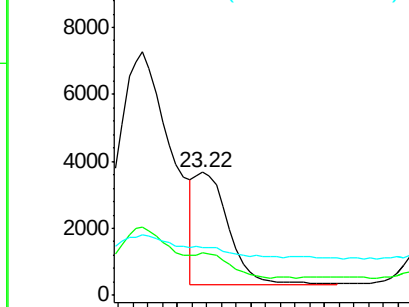
Tgt Ion:	252	Resp:	5415
Ion Ratio	Lower	Upper	
252	100		
253	34.4	24.5	36.7
125	39.4	13.7	20.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.484 ng/ul

RT: 23.84 min Scan# 3741

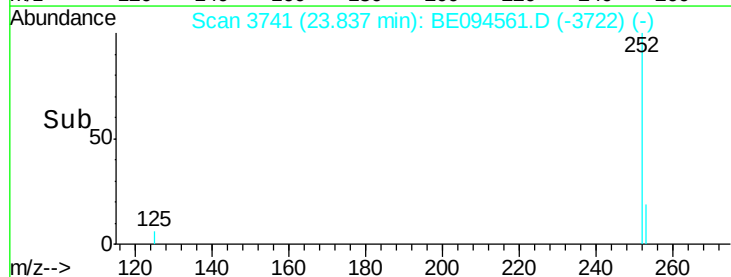
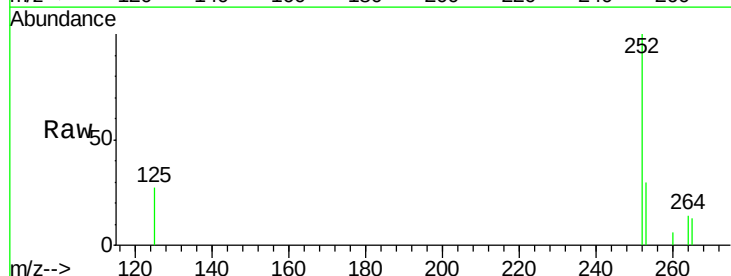
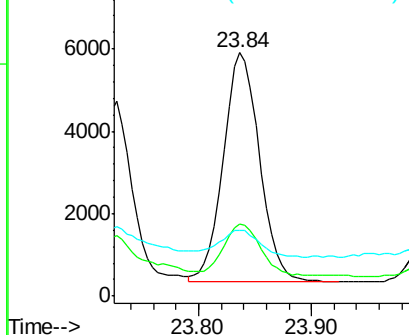
Delta R.T. -0.01 min

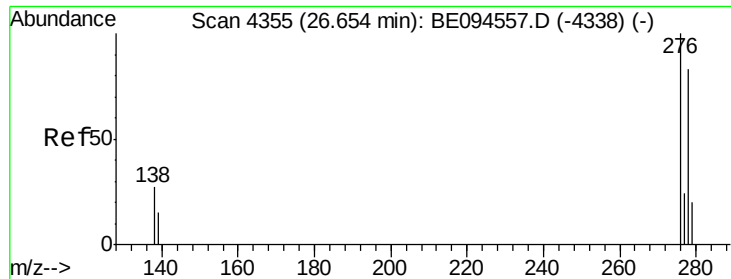
Lab File: BE094561.D

Acq: 26 Oct 2017 14:14

Tgt Ion:	252	Resp:	12213
Ion Ratio	Lower	Upper	
252	100		
253	29.5	28.5	42.7
125	27.2	18.1	27.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#24

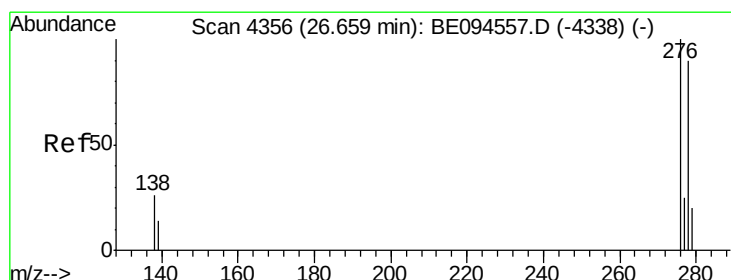
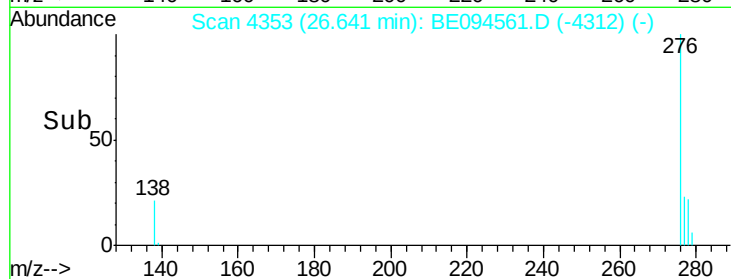
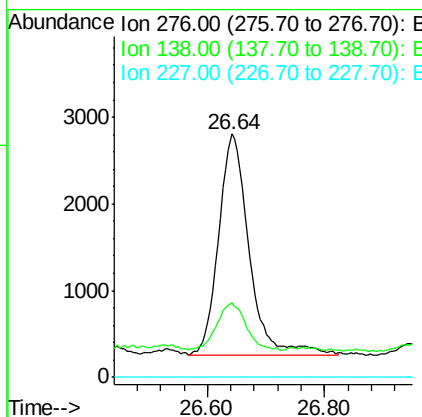
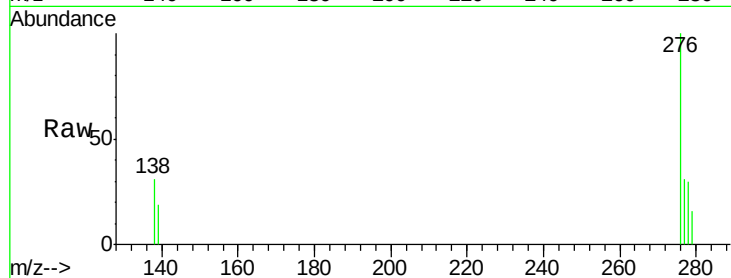
Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.01 min
Lab File: BE094561.D
Acq: 26 Oct 2017 14:14

Instrument :
BNA_E
ClientSampleId :
B-35(1-2)-100417DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

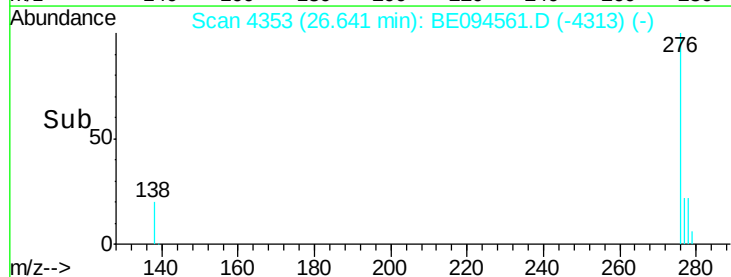
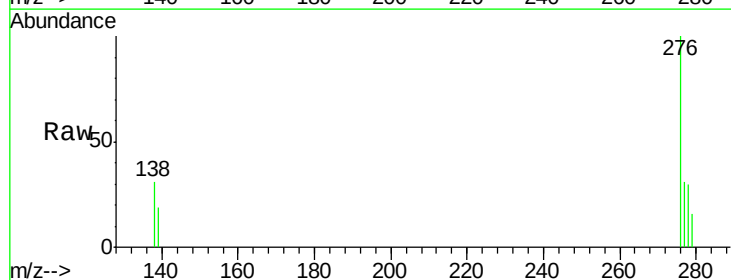
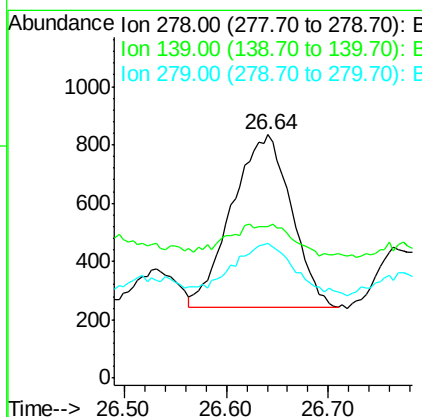
Sohil
10/27/2017 5:34:44 PM

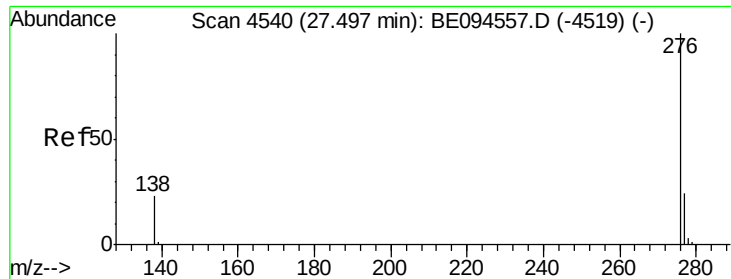


#25

Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.02 min
Lab File: BE094561.D
Acq: 26 Oct 2017 14:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	62.3	17.4	26.0#
279	55.3	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.397 ng/ul

RT: 27.48 min Scan# 4538

Delta R.T. -0.01 min

Lab File: BE094561.D

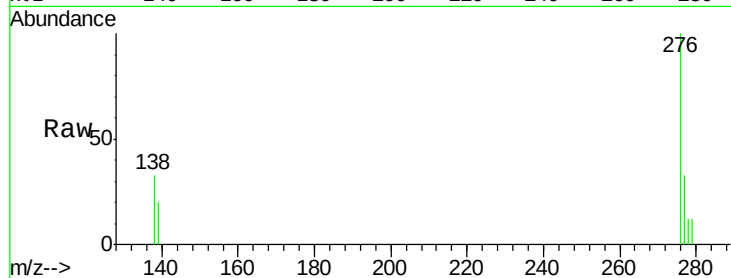
Acq: 26 Oct 2017 14:14

Instrument :

BNA_E

ClientSampleId :

B-35(1-2)-100417DL



Tgt Ion: 276 Resp: 8323

Ion Ratio Lower Upper

276 100

138 33.0 21.8 32.8#

277 33.2 20.5 30.7#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:44 PM

