

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094744.D
 Acq On : 4 Nov 2017 18:15
 Operator : SJ/JU
 Sample : I5825-15MSD 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-19(0-1)-101117MSD

Manual Integrations
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 11/6/2017 5:59:02 PM

Quant Time: Nov 06 00:44:09 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:30:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1211	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7278	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4150	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8800	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	8607	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9216	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	798	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1782	0.07	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	1886	0.106	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	1654	0.133	ng/ul	98
7) Acenaphthylene	14.24	152	4170	0.222	ng/ul	99
8) Acenaphthene	14.58	153	1962	0.145	ng/ul	97
9) Fluorene	15.57	166	1459	0.096	ng/ul#	87
12) Phenanthrene	17.29	178	38288m	1.647	ng/ul	
13) Anthracene	17.39	178	7536	0.329	ng/ul	99
15) Fluoranthene	19.31	202	102168	3.802	ng/ul	84
17) Pyrene	19.68	202	97264	3.655	ng/ul#	78
18) Benzo(a)anthracene	21.41	228	48837	1.985	ng/ul#	89
19) Chrysene	21.47	228	59115	2.324	ng/ul	95
21) Benzo(b)fluoranthene	23.19	252	79715m	3.075	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	28977m	1.043	ng/ul	
23) Benzo(a)pyrene	23.86	252	50916	1.965	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.69	276	32948	1.229	ng/ul#	71
25) Dibenzo(a,h)anthracene	26.67	278	7097	0.314	ng/ul#	45
26) Benzo(g,h,i)perylene	27.53	276	27979	1.299	ng/ul#	88

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

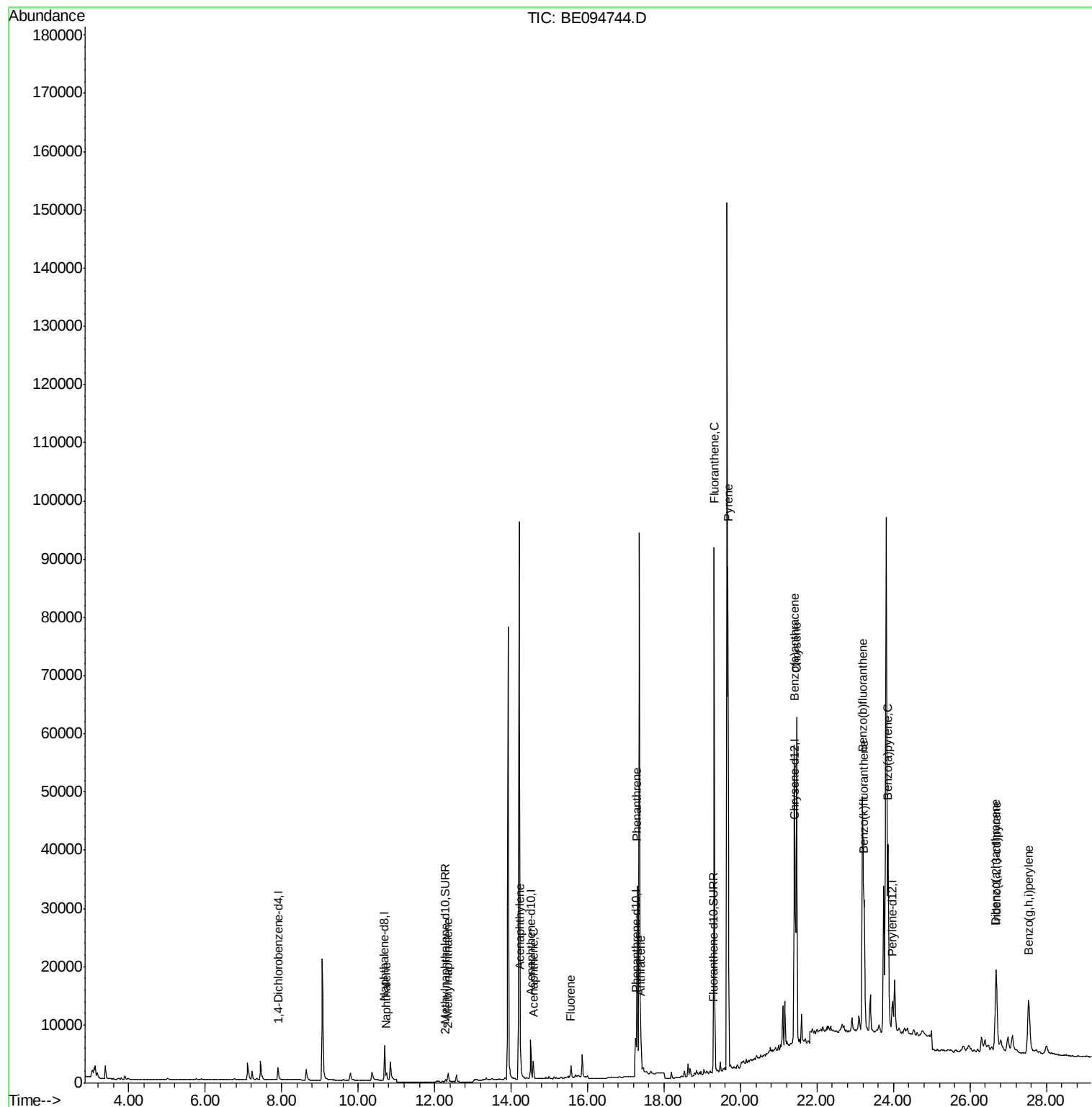
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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ALS Vial : 42 Sample Multiplier: 1

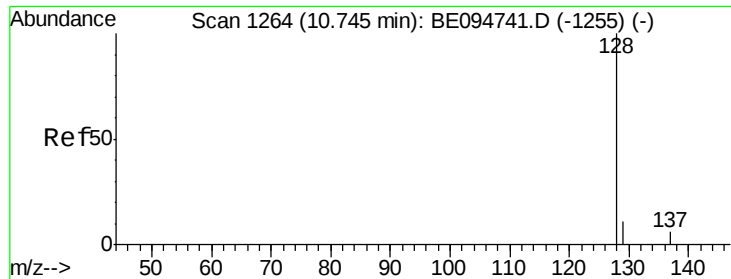
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B-19(0-1)-101117MSD

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QLast Update : Mon Nov 06 00:30:51 2017
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#3

Naphthalene

Concen: 0.106 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094744.D

Acq: 4 Nov 2017 18:15

Instrument :

BNA_E

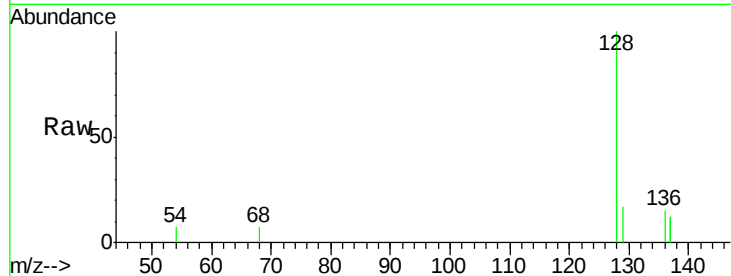
ClientSampleId :

B-19(0-1)-101117MSD

Tgt Ion:	128	Resp:	1886
Ion Ratio	Lower	Upper	
128	100		
129	16.7	11.3	16.9
127	0.0	4.0	6.0#

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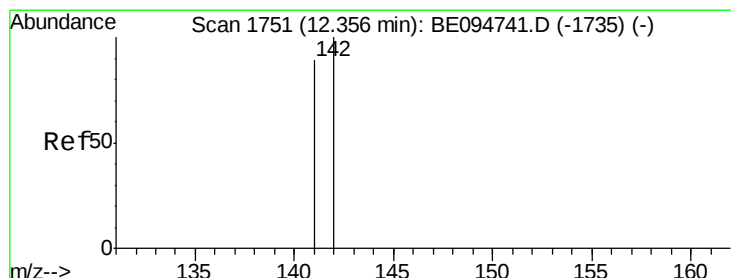
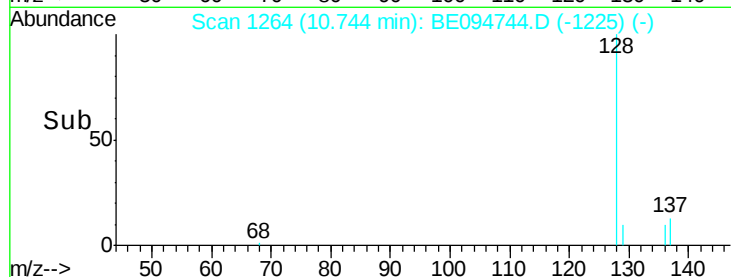
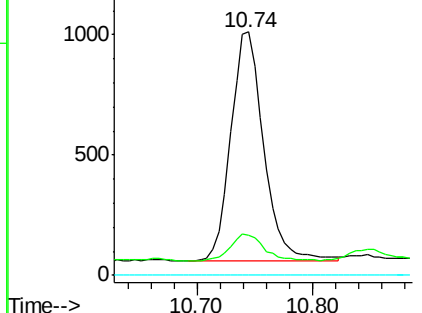
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.133 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.00 min

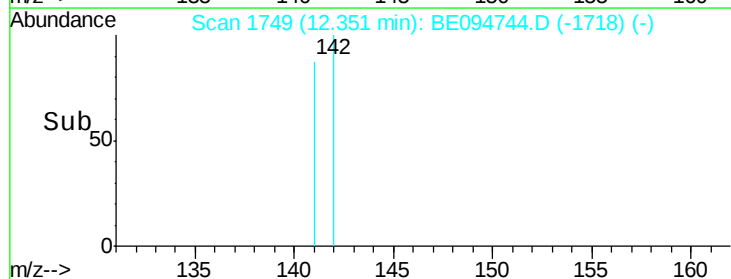
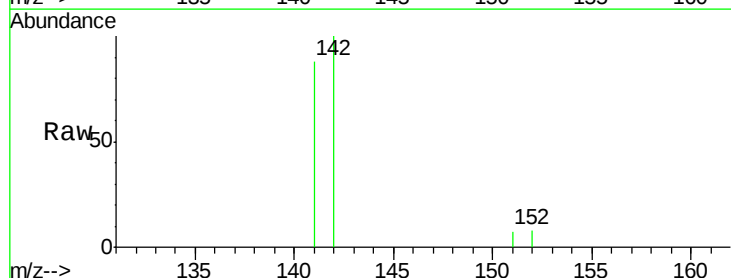
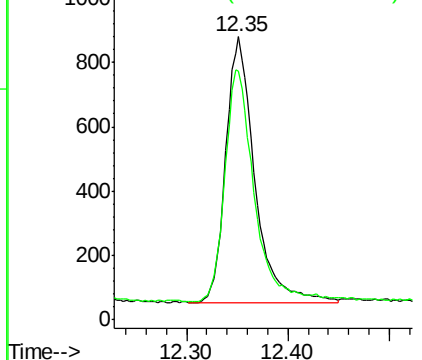
Lab File: BE094744.D

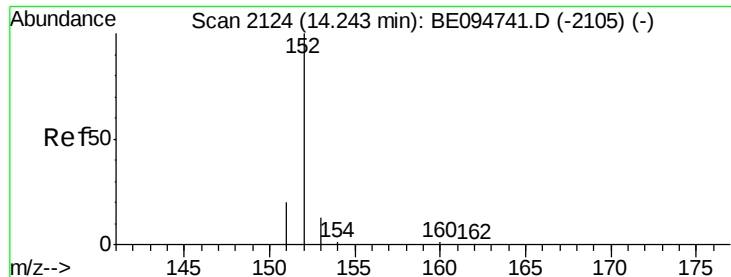
Acq: 4 Nov 2017 18:15

Tgt Ion:	142	Resp:	1654
Ion Ratio	Lower	Upper	
142	100		
141	88.6	72.6	108.8

Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.222 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094744.D

Acq: 4 Nov 2017 18:15

Instrument :

BNA_E

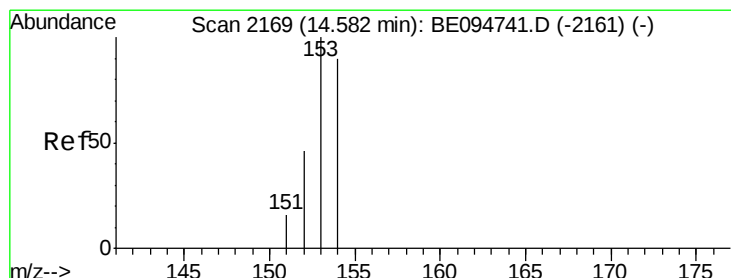
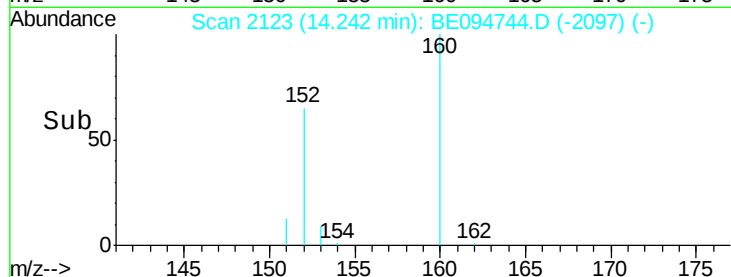
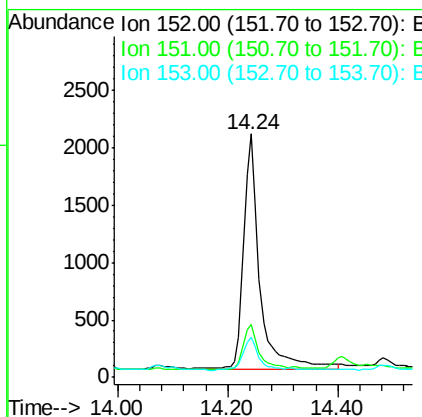
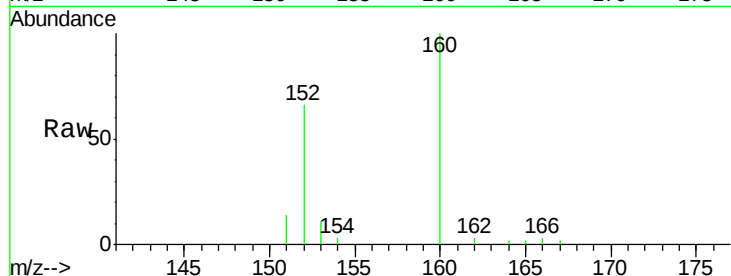
ClientSampleId :

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Tgt Ion:	152	Resp:	4170
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.1	25.7
153	16.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.145 ng/ul

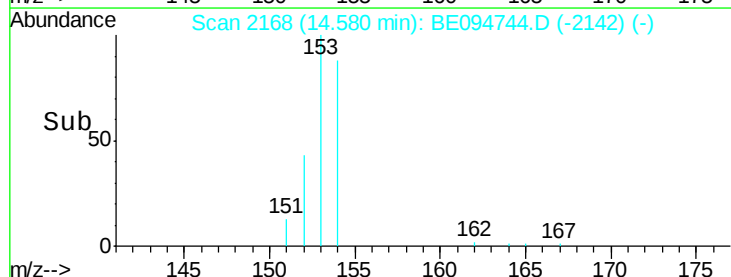
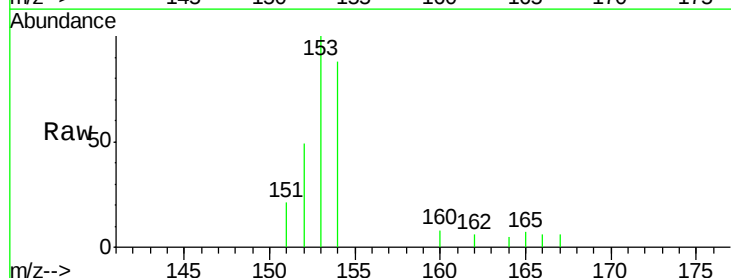
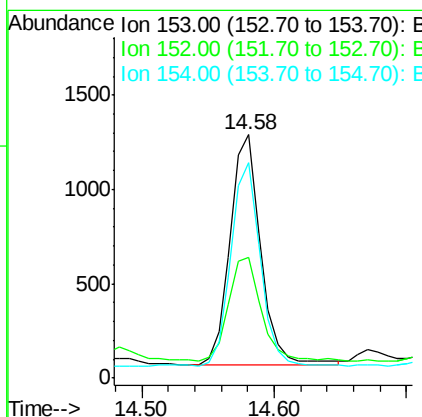
RT: 14.58 min Scan# 2168

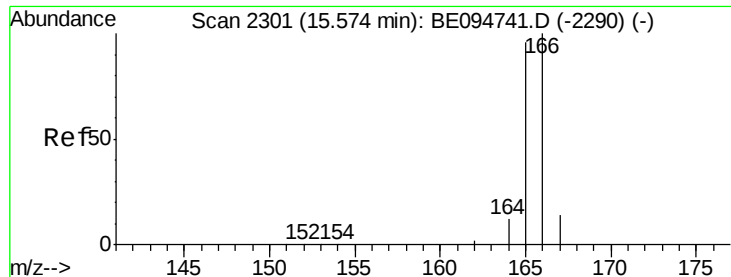
Delta R.T. -0.00 min

Lab File: BE094744.D

Acq: 4 Nov 2017 18:15

Tgt Ion:	153	Resp:	1962
Ion Ratio	Lower	Upper	
153	100		
152	49.3	36.0	54.0
154	88.3	72.0	108.0





#9

Fluorene

Concen: 0.096 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094744.D

Acq: 4 Nov 2017 18:15

Instrument :

BNA_E

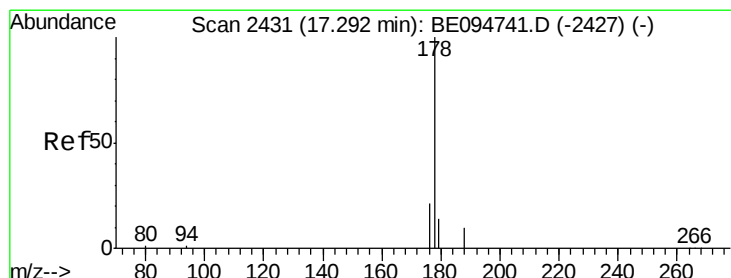
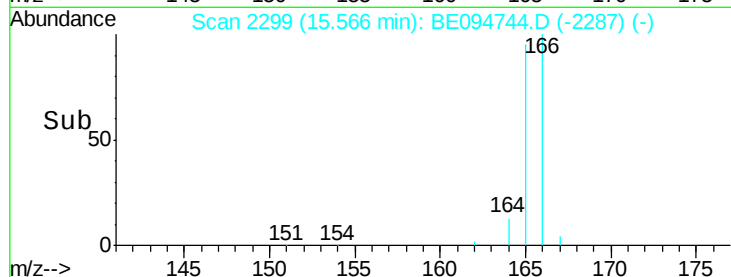
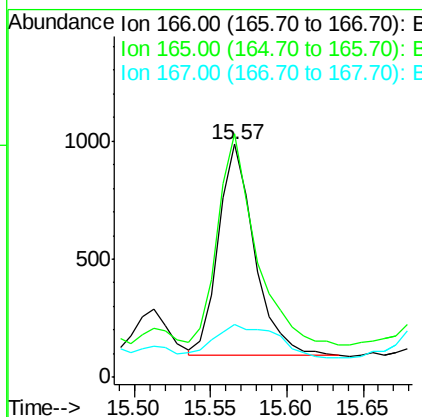
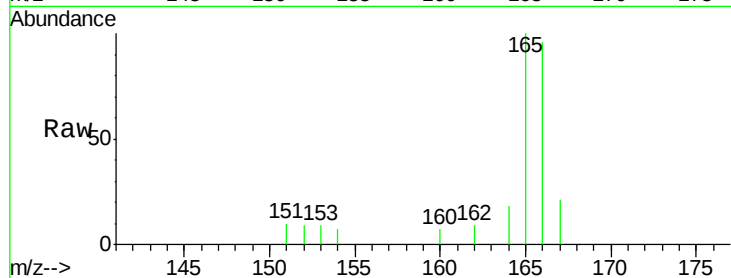
ClientSampleId :

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Tgt Ion:	166	Resp:	1459
Ion Ratio	Lower	Upper	
166	100		
165	104.5	73.4	110.2
167	22.4	14.6	22.0

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#12

Phenanthrene

Concen: 1.647 ng/ul m

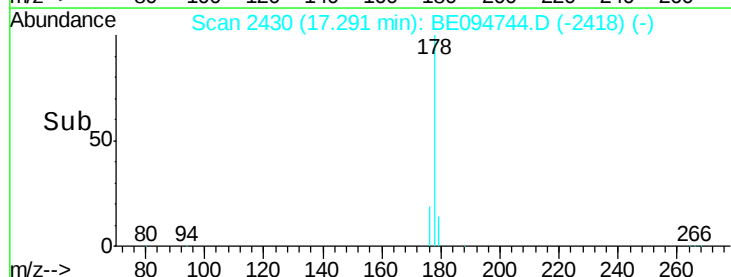
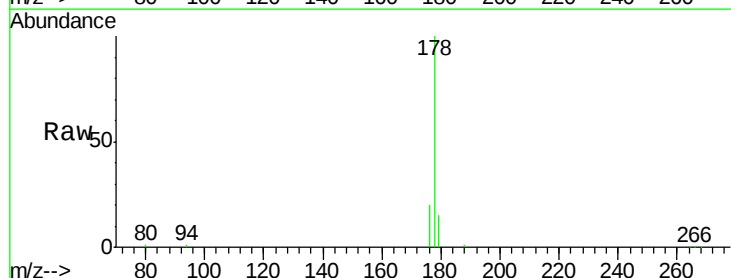
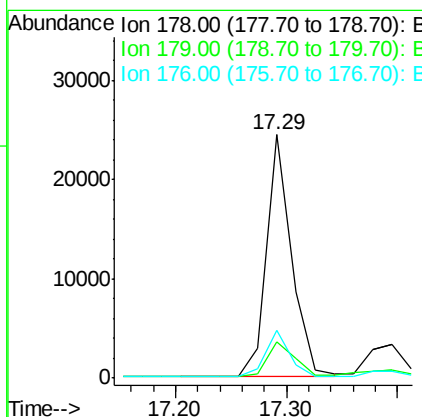
RT: 17.29 min Scan# 2430

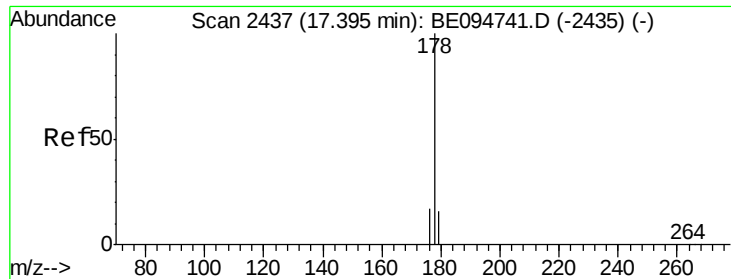
Delta R.T. -0.00 min

Lab File: BE094744.D

Acq: 4 Nov 2017 18:15

Tgt Ion:	178	Resp:	38288
Ion Ratio	Lower	Upper	
178	100		
179	15.0	18.4	27.6
176	19.5	13.6	20.4





#13

Anthracene

Concen: 0.329 ng/ul

RT: 17.39 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE094744.D

Acq: 4 Nov 2017 18:15

Instrument :

BNA_E

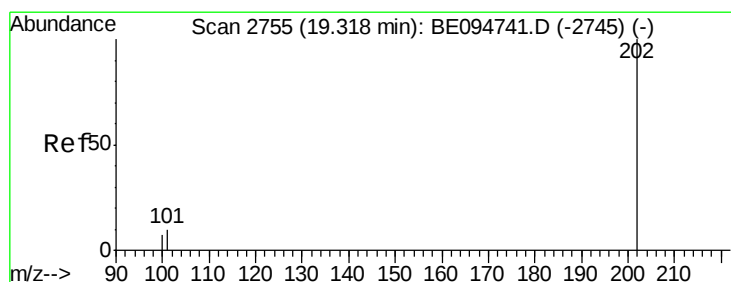
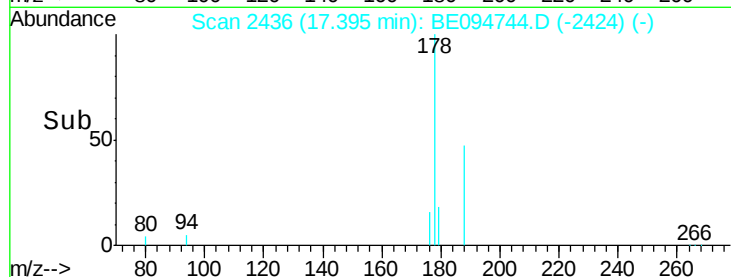
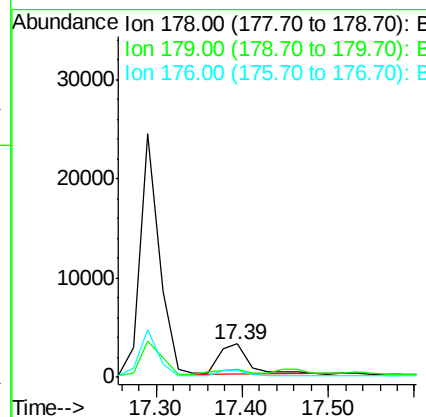
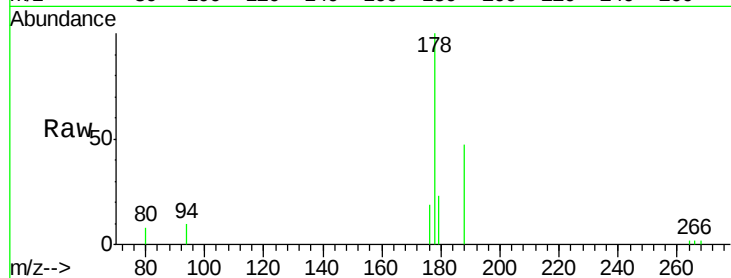
ClientSampleId :

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Tgt Ion:	178	Resp:	7536
Ion Ratio	Lower	Upper	
178	100		
179	23.0	18.1	27.1
176	19.1	14.7	22.1

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#15

Fluoranthene

Concen: 3.802 ng/ul

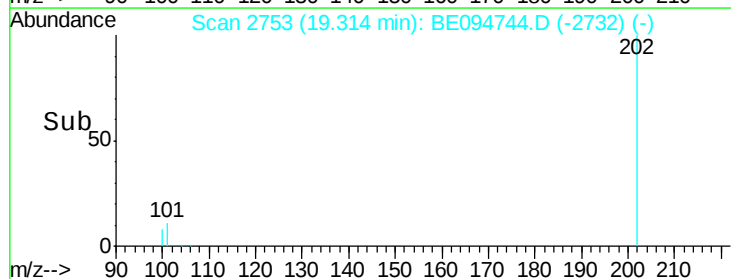
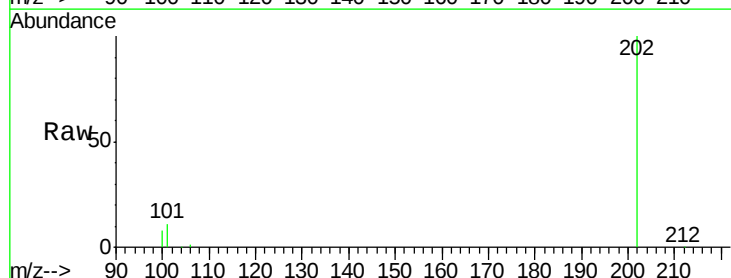
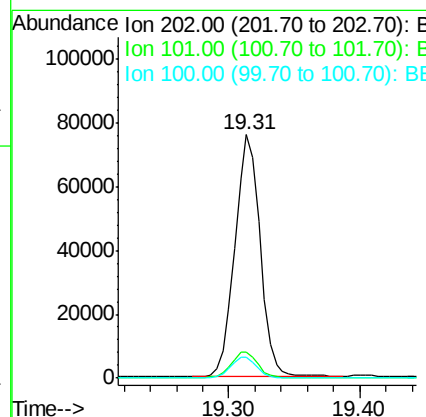
RT: 19.31 min Scan# 2753

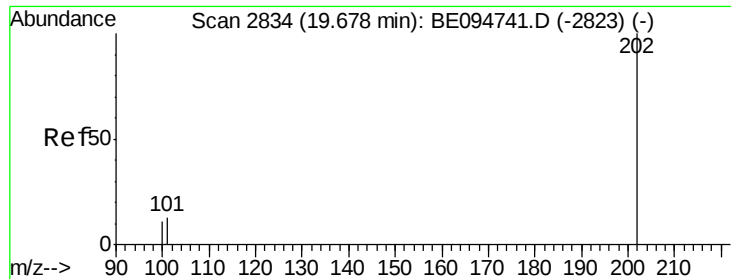
Delta R.T. -0.00 min

Lab File: BE094744.D

Acq: 4 Nov 2017 18:15

Tgt Ion:	202	Resp:	102168
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	30.3
100	8.4	0.0	39.5





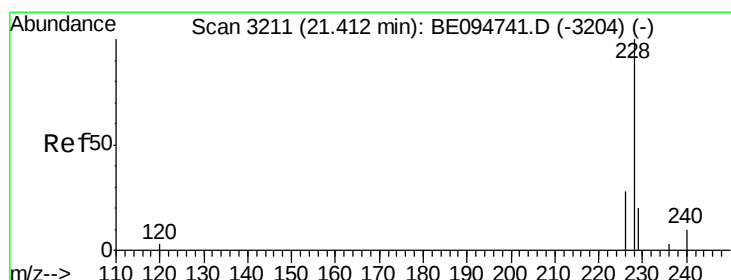
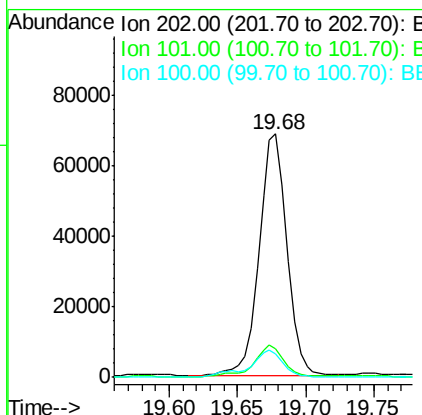
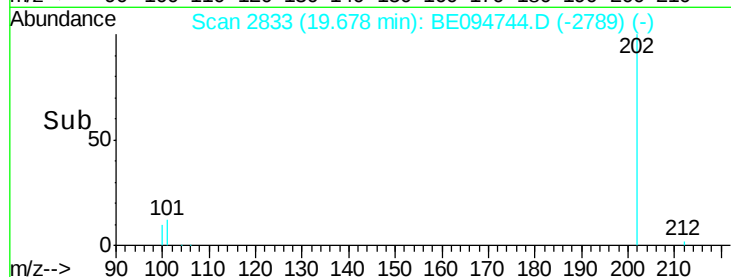
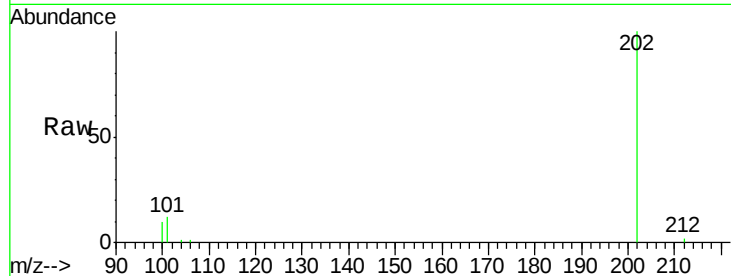
#17
Pyrene
 Concen: 3.655 ng/ul
 RT: 19.68 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094744.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	97264		
101	11.8	18.2	27.4#	
100	9.8	15.6	23.4#	

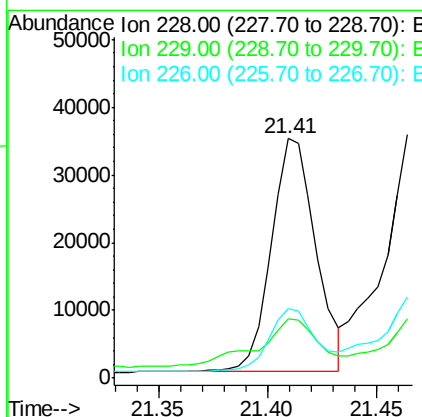
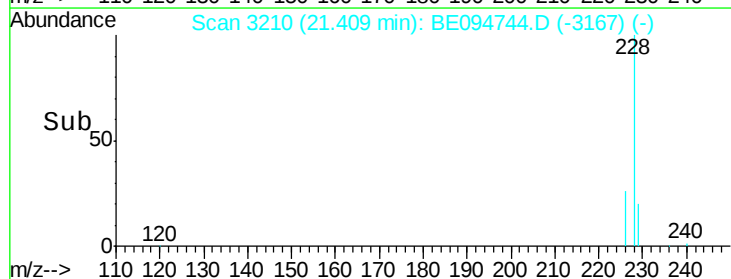
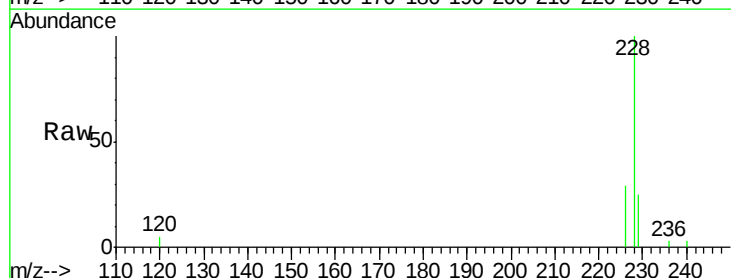
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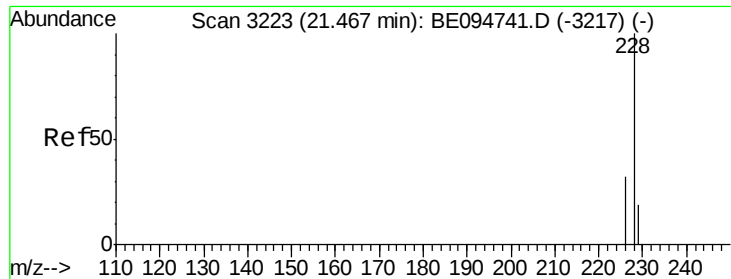
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#18
Benzo(a)anthracene
 Concen: 1.985 ng/ul
 RT: 21.41 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BE094744.D
 Acq: 4 Nov 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	48837		
229	24.9	22.8	34.2	
226	28.9	17.0	25.6#	





#19

Chrysene

Concen: 2.324 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094744.D

Acq: 4 Nov 2017 18:15

Instrument :

BNA_E

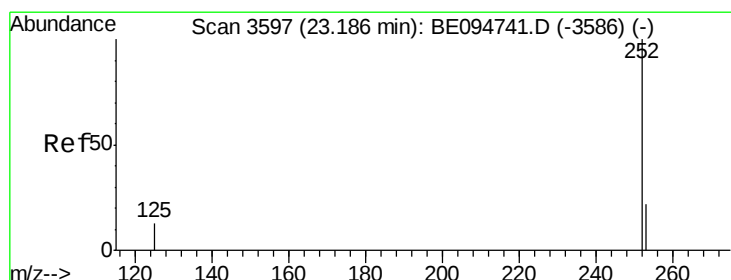
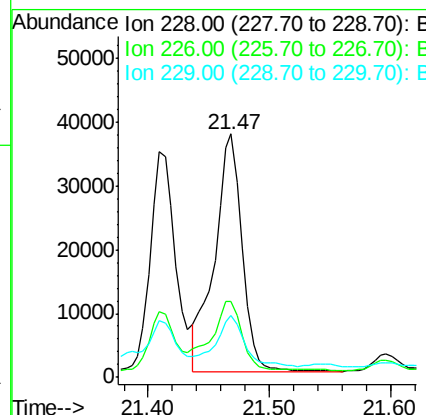
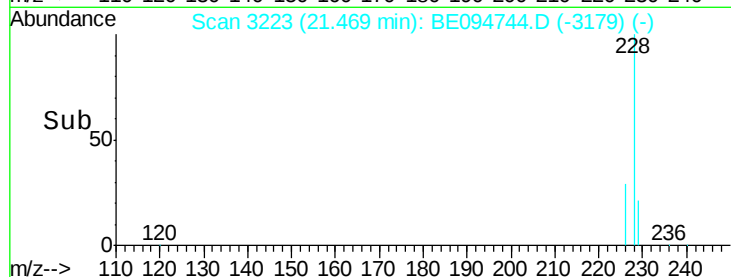
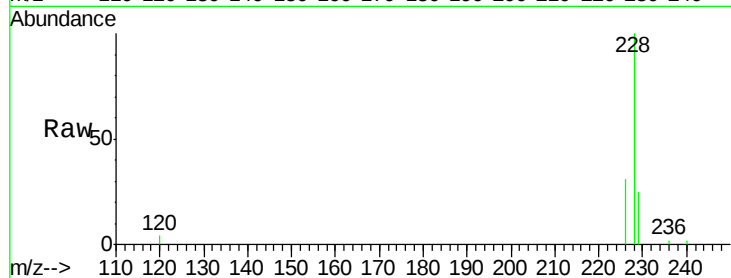
ClientSampleId :

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Tgt Ion:	228	Resp:	59115
Ion Ratio		Lower	Upper
228	100		
226	31.1	23.4	35.0
229	25.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.075 ng/ul m

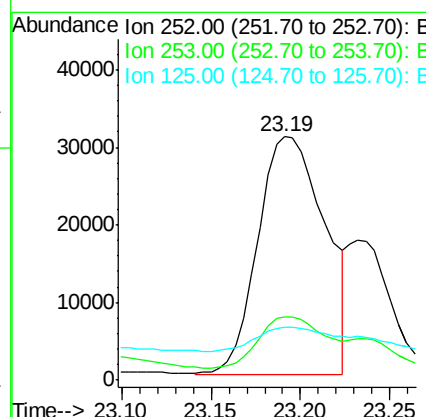
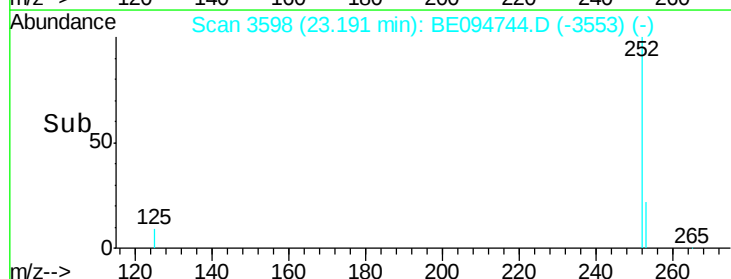
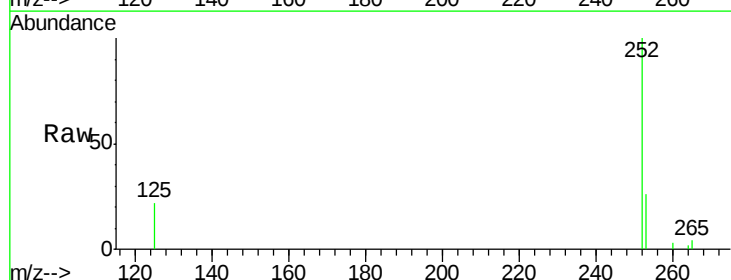
RT: 23.19 min Scan# 3598

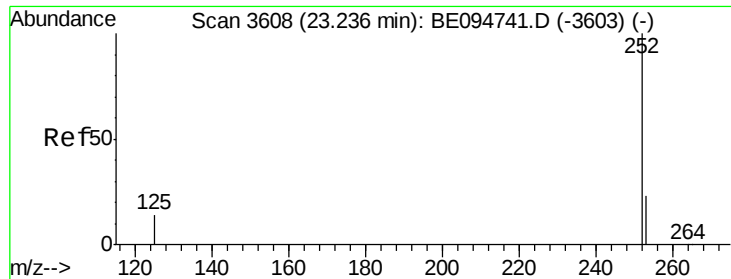
Delta R.T. 0.01 min

Lab File: BE094744.D

Acq: 4 Nov 2017 18:15

Tgt Ion:	252	Resp:	79715
Ion Ratio		Lower	Upper
252	100		
253	25.8	0.0	64.2
125	21.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.043 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.00 min

Lab File: BE094744.D

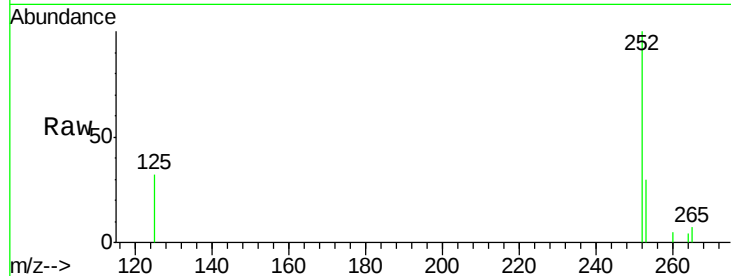
Acq: 4 Nov 2017 18:15

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Tgt Ion: 252 Resp: 28977

Ion Ratio Lower Upper

252 100

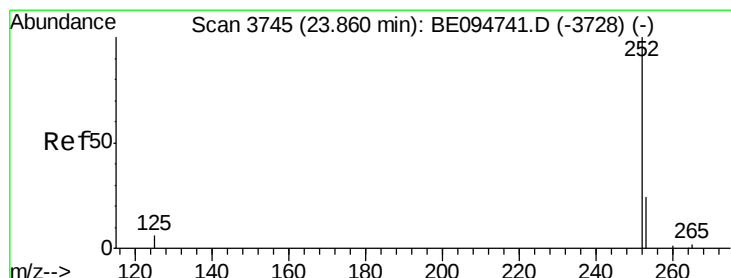
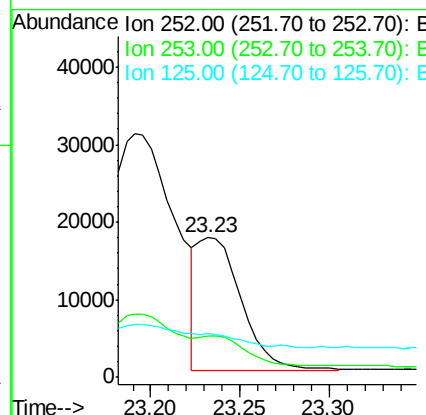
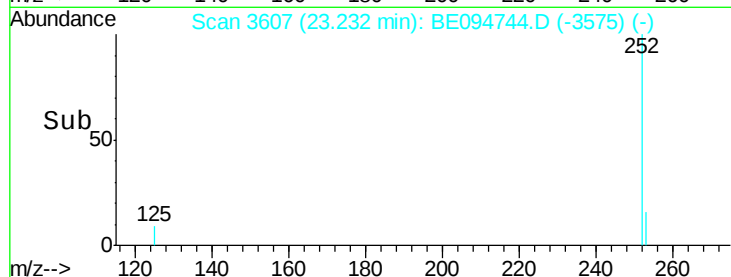
253 29.6 24.5 36.7

125 31.7 13.7 20.5#

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#23

Benzo(a)pyrene

Concen: 1.965 ng/ul

RT: 23.86 min Scan# 3745

Delta R.T. 0.00 min

Lab File: BE094744.D

Acq: 4 Nov 2017 18:15

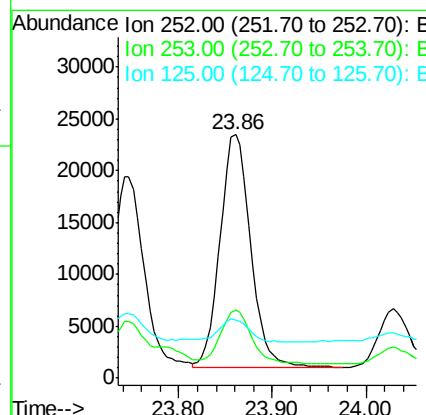
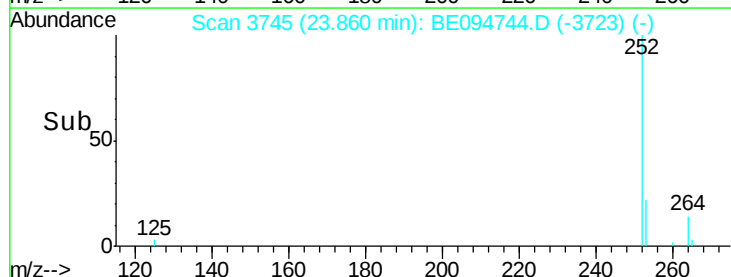
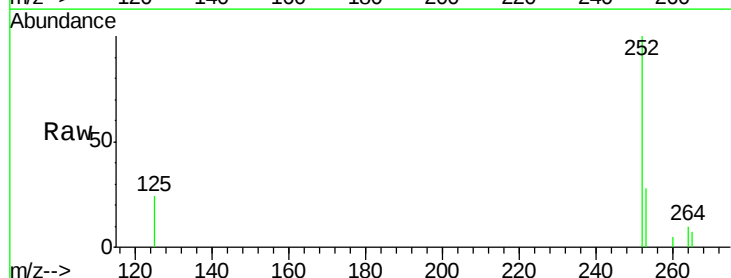
Tgt Ion: 252 Resp: 50916

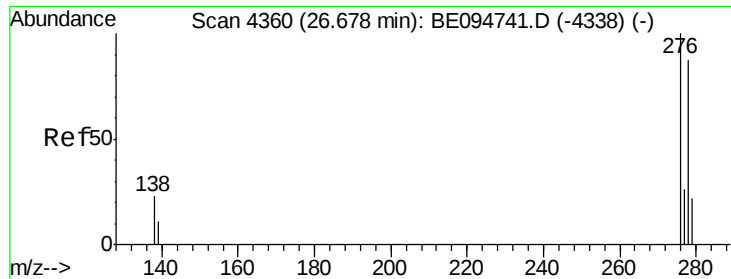
Ion Ratio Lower Upper

252 100

253 28.0 28.5 42.7#

125 23.9 18.1 27.1





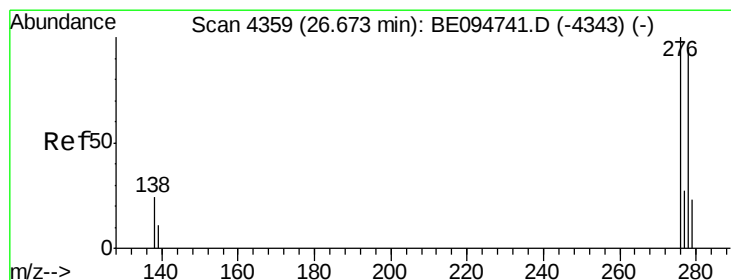
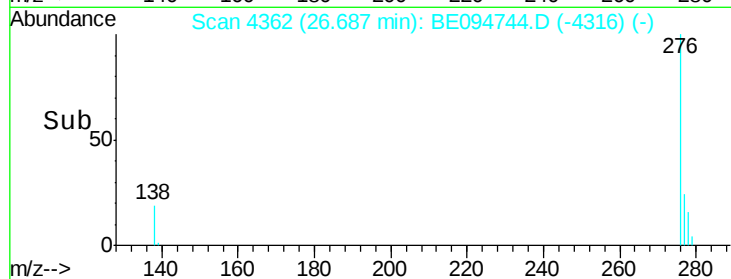
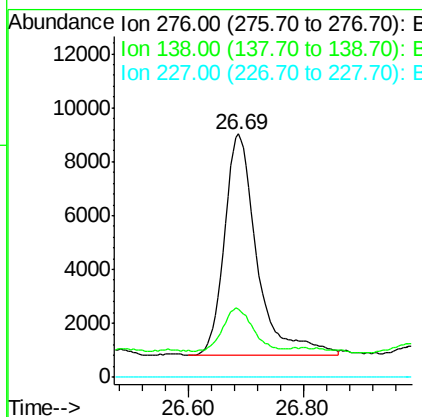
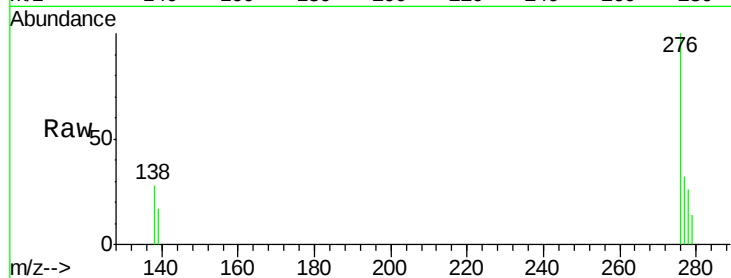
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.229 ng/ul
 RT: 26.69 min Scan# 4362
 Delta R.T. 0.01 min
 Lab File: BE094744.D
 Acq: 4 Nov 2017 18:15

Instrument :
 BNA_E
 ClientSampleId :
 B-19(0-1)-101117MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.1	28.0	42.0#
227	0.0	8.0	12.0#

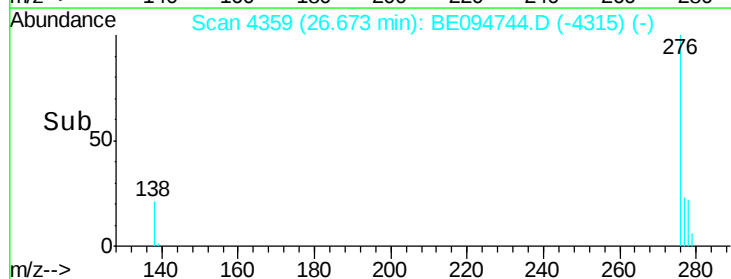
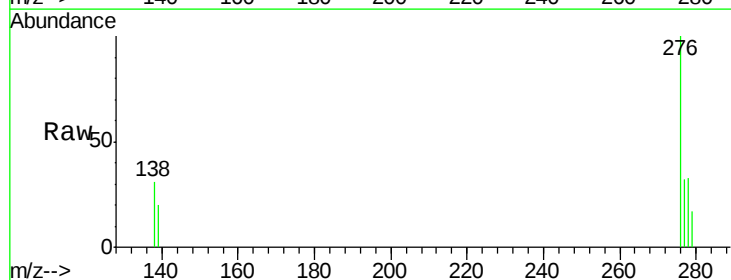
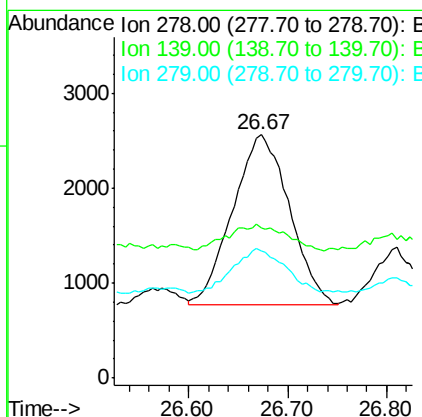
Manual Integrations
 APPROVED

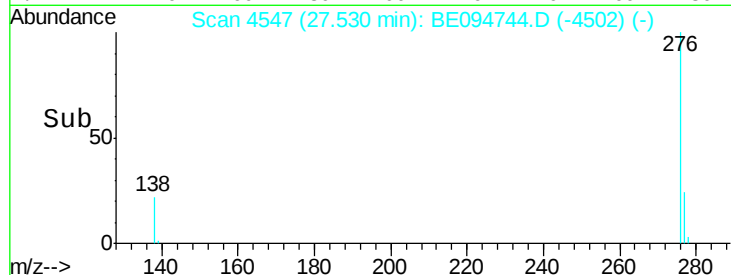
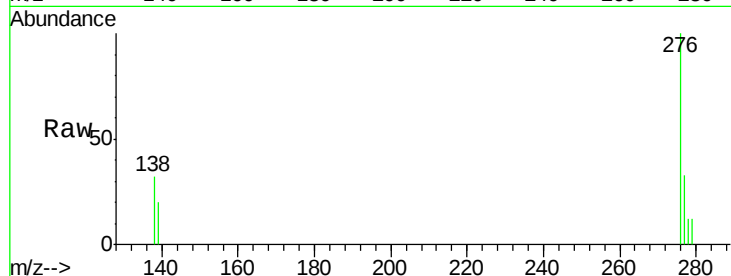
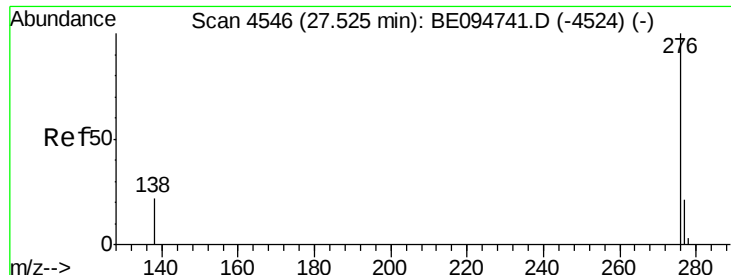
Sohil
 11/6/2017 5:59:02 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.314 ng/ul
 RT: 26.67 min Scan# 4359
 Delta R.T. 0.00 min
 Lab File: BE094744.D
 Acq: 4 Nov 2017 18:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	61.5	17.4	26.0#
279	52.1	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 1.299 ng/ul
RT: 27.53 min Scan# 4547
Delta R.T. 0.00 min
Lab File: BE094744.D
Acq: 4 Nov 2017 18:15

Instrument :
BNA_E
ClientSampleId :
B-19(0-1)-101117MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.8	32.8
277	33.3	20.5	30.7

Manual Integrations
APPROVED

Sohil
11/6/2017 5:59:02 PM

