

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094562.D
 Acq On : 26 Oct 2017 14:58
 Operator : SJ/JU
 Sample : I5719-10 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-25(5-5.5)-100517

Manual Integrations
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 10/27/2017 5:34:46 PM

Quant Time: Oct 27 08:13:11 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	1599	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6539	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	3597	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8236	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8174	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	8197	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	536	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	947	0.04	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.73	128	8061	0.504	ng/ul#	1
5) 2-Methylnaphthalene	12.35	142	958	0.086	ng/ul	98
7) Acenaphthylene	14.24	152	781	0.048	ng/ul#	19
8) Acenaphthene	14.57	153	1866	0.160	ng/ul#	91
9) Fluorene	15.56	166	1488	0.113	ng/ul#	75
11) Pentachlorophenol	16.96	266	637m	1.549	ng/ul	
12) Phenanthrene	17.29	178	14898	0.685	ng/ul#	92
13) Anthracene	17.38	178	1800	0.084	ng/ul#	86
15) Fluoranthene	19.31	202	27005	1.074	ng/ul	84
17) Pyrene	19.67	202	25620	1.014	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	12184	0.521	ng/ul#	91
19) Chrysene	21.46	228	13586	0.562	ng/ul#	89
21) Benzo(b)fluoranthene	23.17	252	16564m	0.718	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	6489m	0.263	ng/ul	
23) Benzo(a)pyrene	23.84	252	11278	0.489	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	26.64	276	7551	0.317	ng/ul#	77
25) Dibenzo(a,h)anthracene	26.63	278	2023	0.101	ng/ul#	33
26) Benzo(g,h,i)perylene	27.48	276	7735	0.404	ng/ul#	85

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

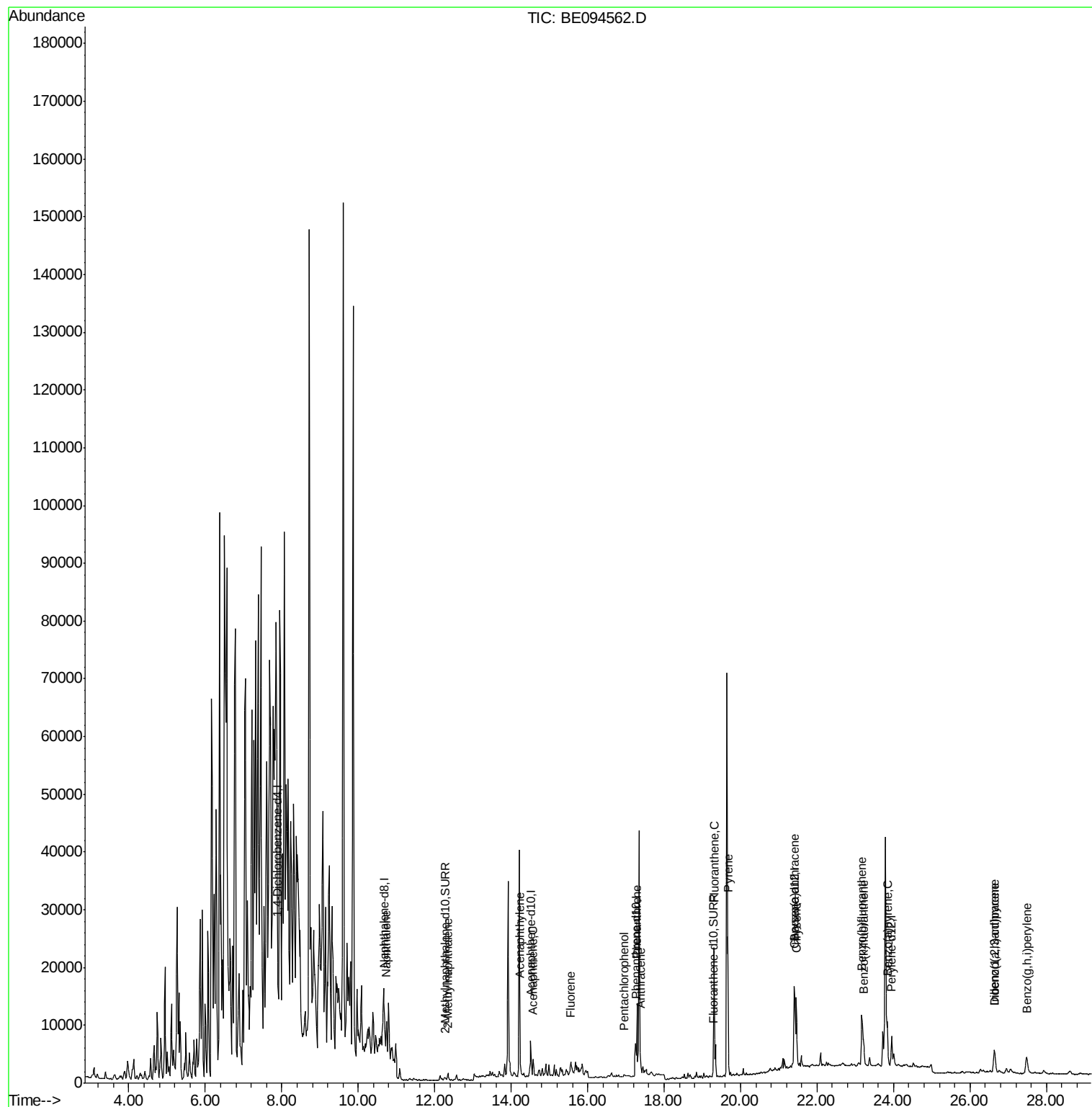
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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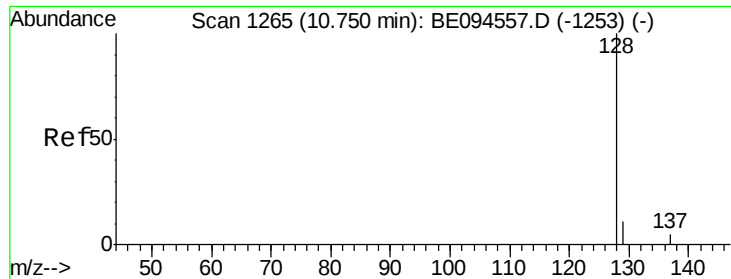
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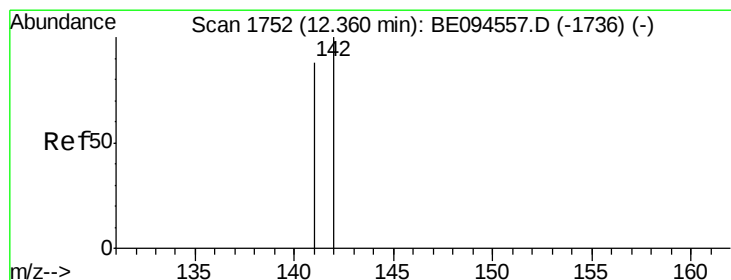
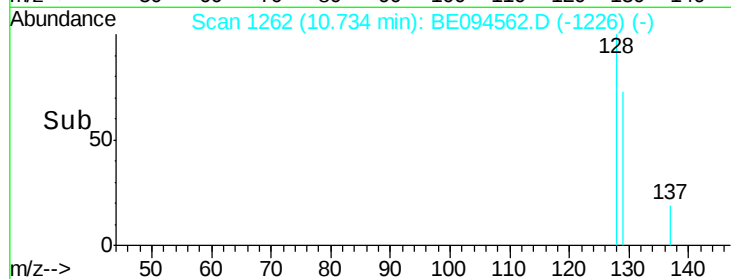
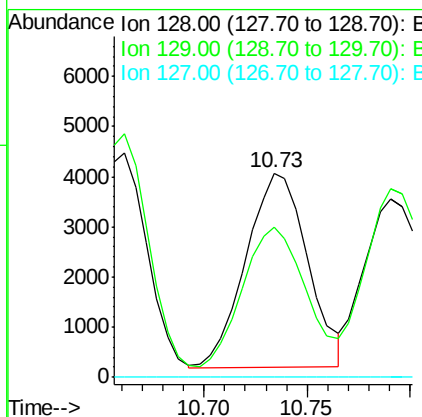
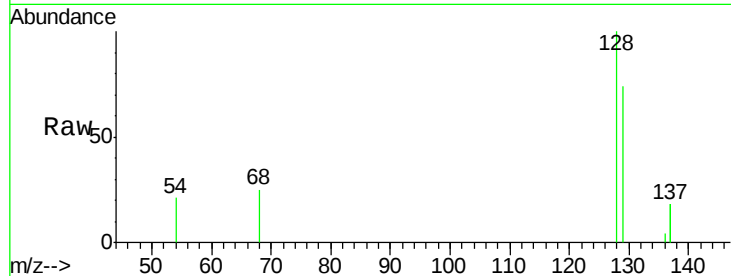
#3
Naphthalene
Concen: 0.504 ng/ul
RT: 10.73 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BE094562.D
Acq: 26 Oct 2017 14:58

Instrument :
BNA_E
ClientSampleId :
B-25(5-5.5)-100517

Tgt Ion	Ratio	Lower	Upper
128	100		
129	73.6	11.3	16.9#
127	0.0	4.0	6.0#

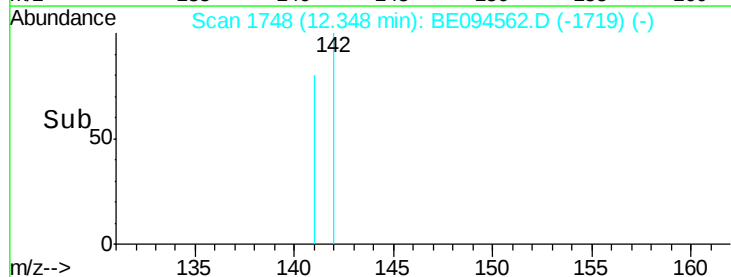
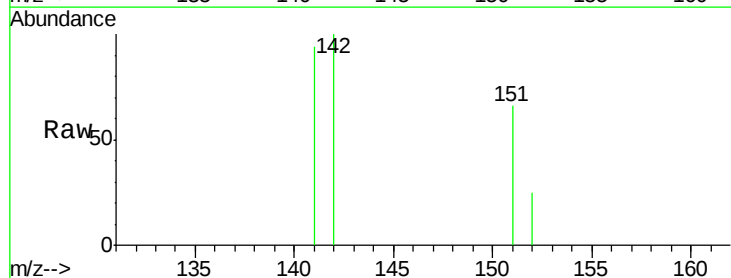
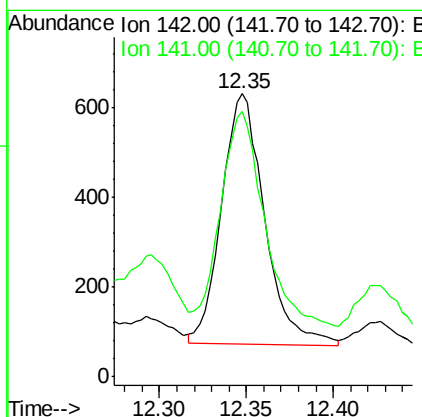
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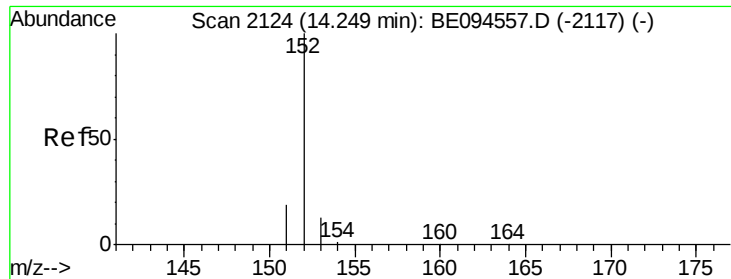
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#5
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BE094562.D
Acq: 26 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094562.D

Acq: 26 Oct 2017 14:58

Instrument :

BNA_E

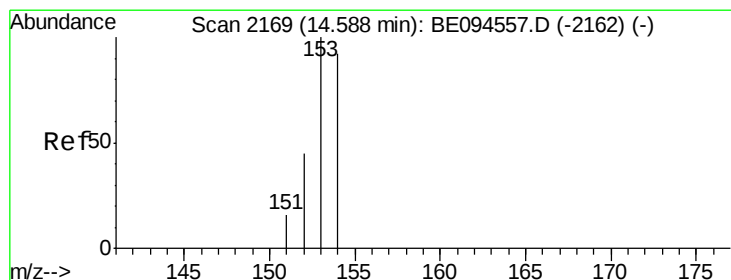
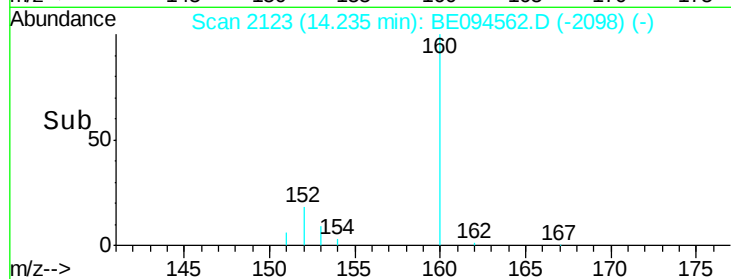
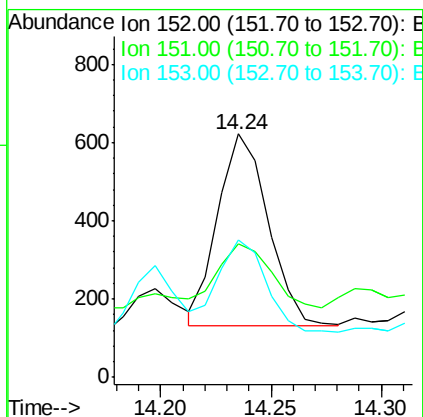
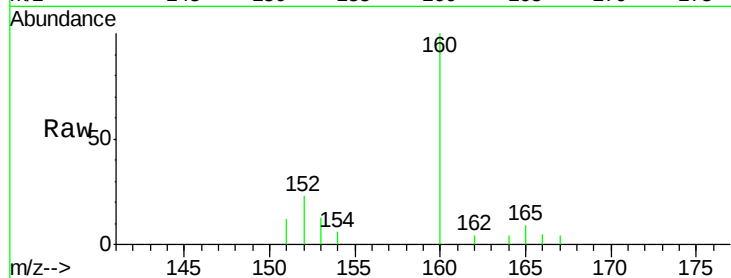
ClientSampleId :

B-25(5-5.5)-100517

Tgt Ion:	152	Resp:	781
Ion Ratio	Lower	Upper	
152	100		
151	54.7	17.1	25.7#
153	56.6	12.8	19.2#

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#8

Acenaphthene

Concen: 0.160 ng/ul

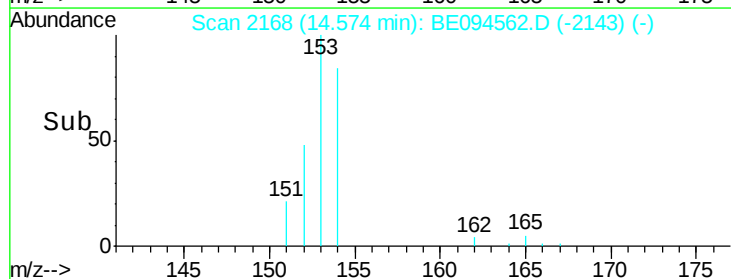
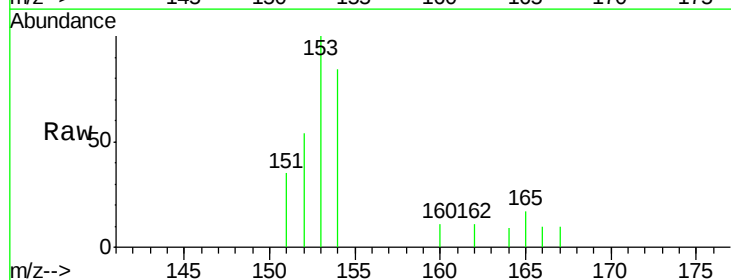
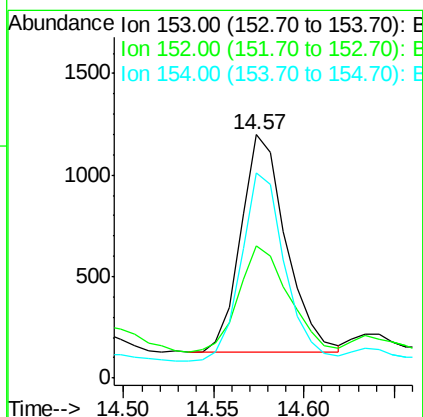
RT: 14.57 min Scan# 2168

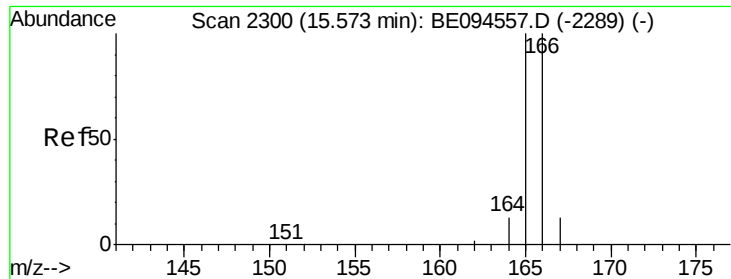
Delta R.T. -0.01 min

Lab File: BE094562.D

Acq: 26 Oct 2017 14:58

Tgt Ion:	153	Resp:	1866
Ion Ratio	Lower	Upper	
153	100		
152	54.3	36.0	54.0#
154	84.3	72.0	108.0





#9

Fluorene

Concen: 0.113 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094562.D

Acq: 26 Oct 2017 14:58

Instrument :

BNA_E

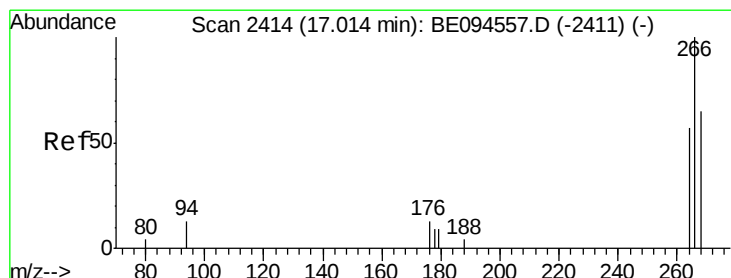
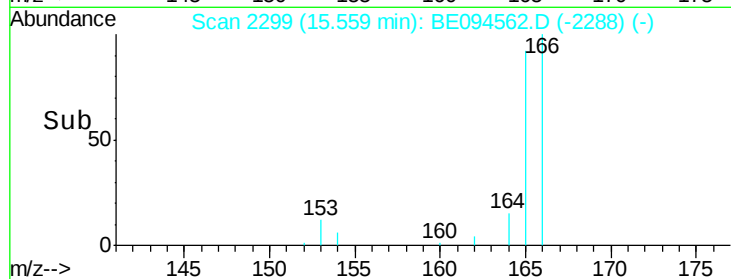
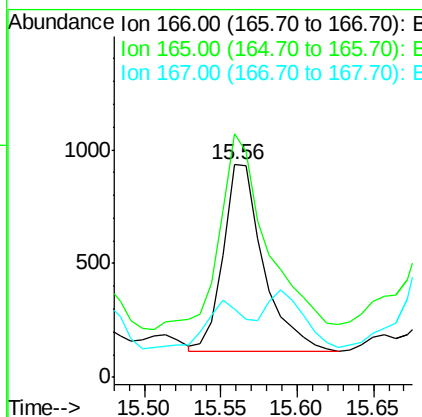
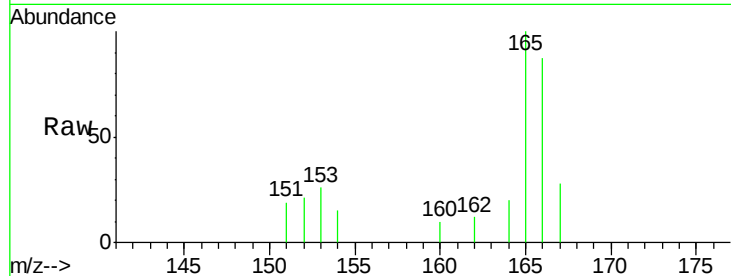
ClientSampleId :

B-25(5-5.5)-100517

Tgt Ion:	166	Resp:	1488
Ion Ratio	Lower	Upper	
166	100		
165	114.7	73.4	110.2#
167	32.4	14.6	22.0#

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#11

Pentachlorophenol

Concen: 1.549 ng/ul m

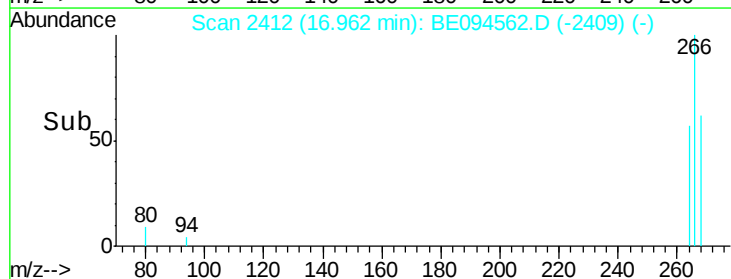
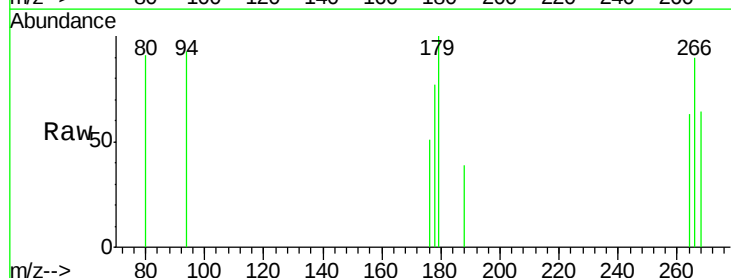
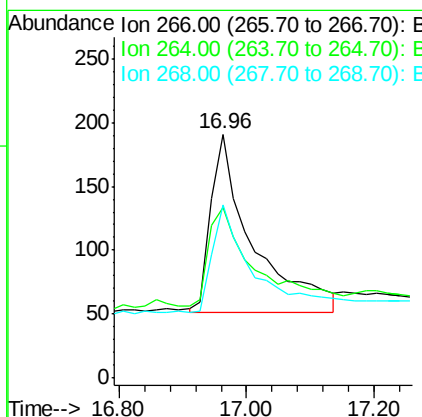
RT: 16.96 min Scan# 2412

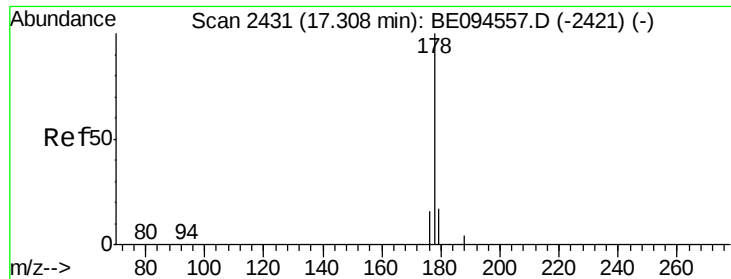
Delta R.T. -0.05 min

Lab File: BE094562.D

Acq: 26 Oct 2017 14:58

Tgt Ion:	266	Resp:	637
Ion Ratio	Lower	Upper	
266	100		
264	36.1	47.9	71.9#
268	36.4	49.8	74.8#





#12

Phenanthrene

Concen: 0.685 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094562.D

Acq: 26 Oct 2017 14:58

Instrument :

BNA_E

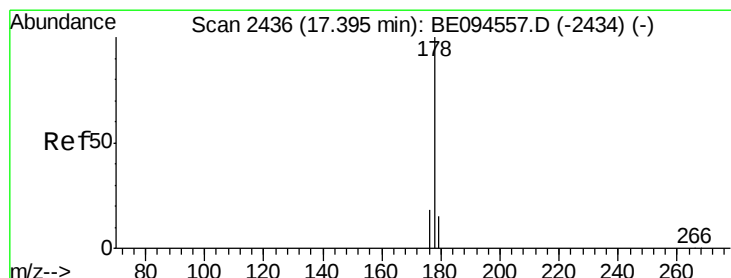
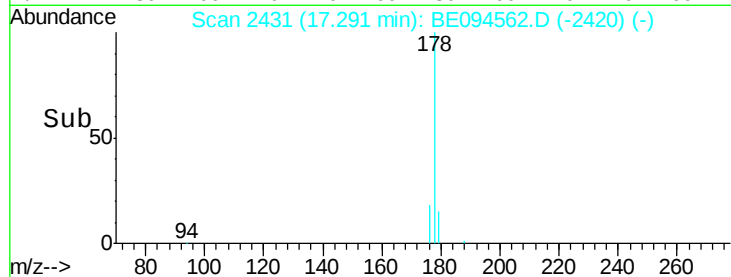
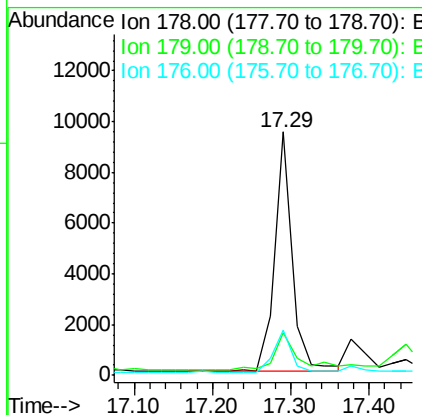
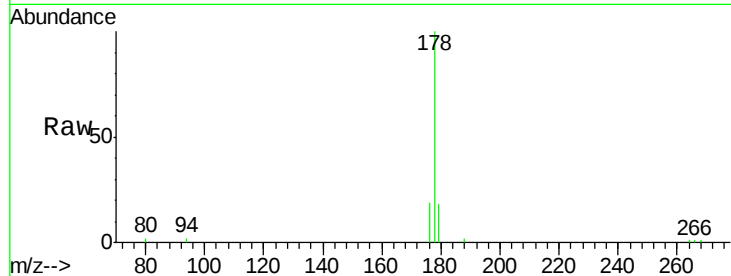
ClientSampleId :

B-25(5-5.5)-100517

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.4	27.6#
176	18.6	13.6	20.4

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#13

Anthracene

Concen: 0.084 ng/ul

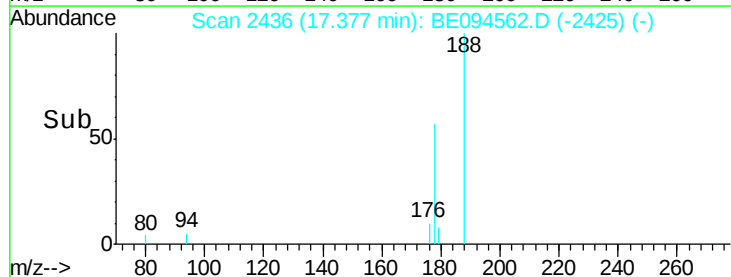
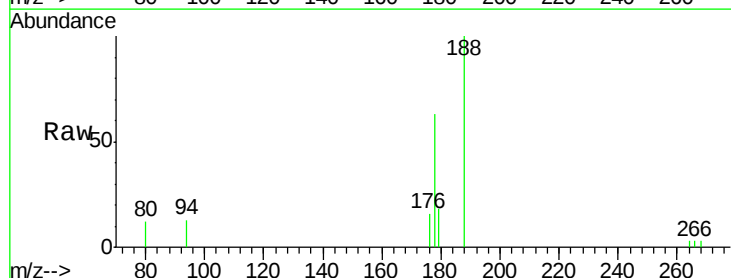
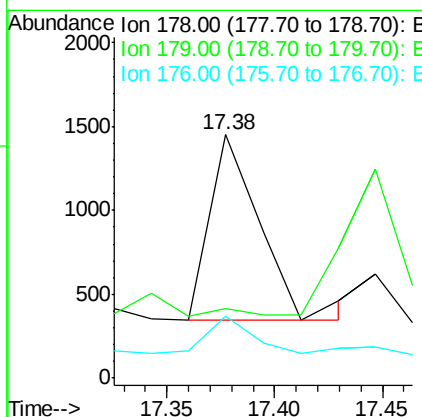
RT: 17.38 min Scan# 2436

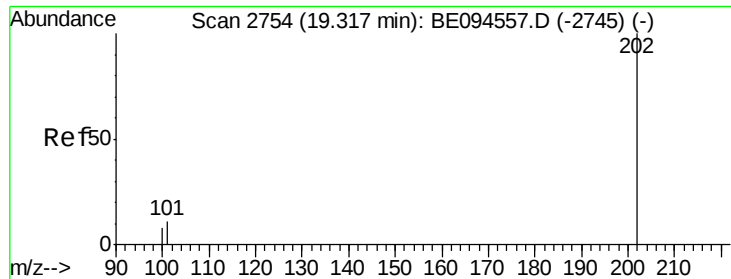
Delta R.T. -0.02 min

Lab File: BE094562.D

Acq: 26 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	28.8	18.1	27.1#
176	25.3	14.7	22.1#





#15

Fluoranthene

Concen: 1.074 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094562.D

Acq: 26 Oct 2017 14:58

Instrument :

BNA_E

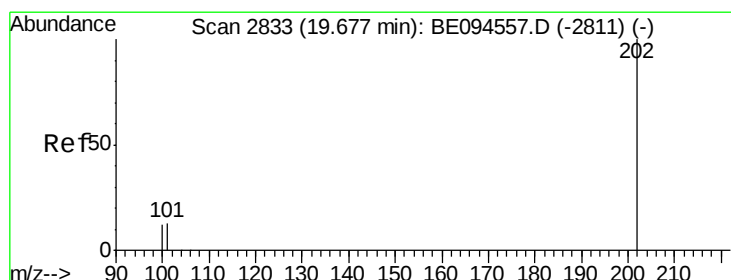
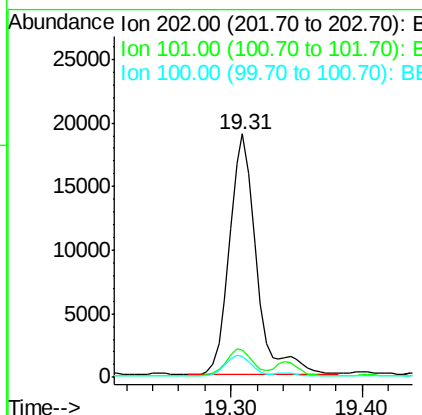
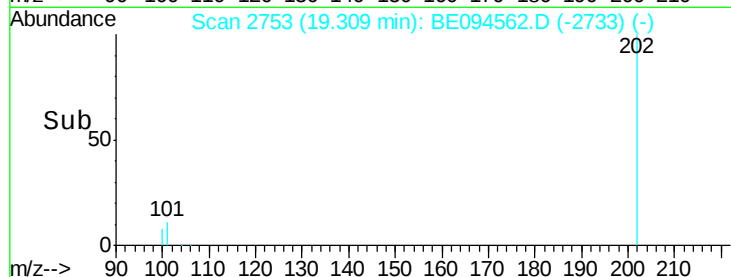
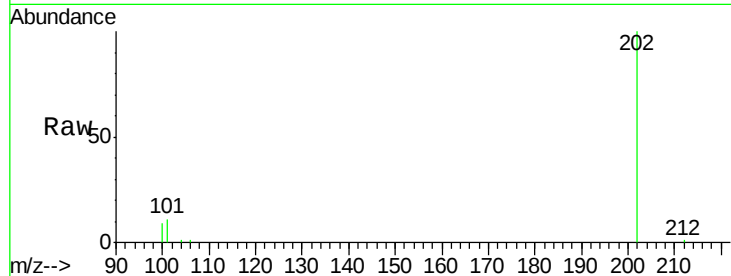
ClientSampleId :

B-25(5-5.5)-100517

Tgt Ion:	202	Resp:	27005
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	30.3
100	8.7	0.0	39.5

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#17

Pyrene

Concen: 1.014 ng/ul

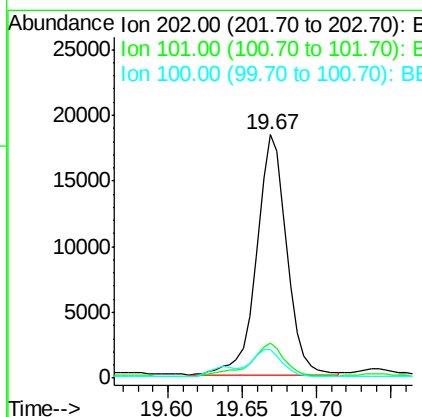
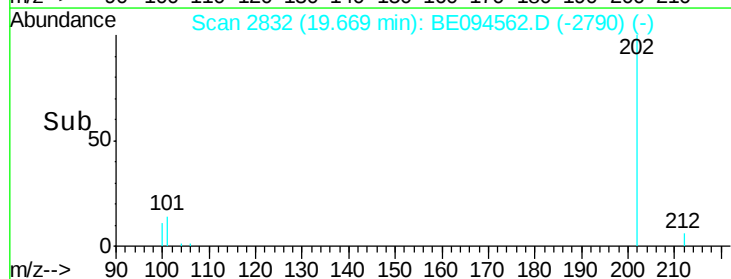
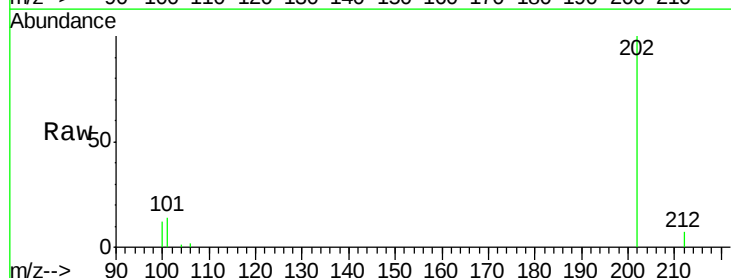
RT: 19.67 min Scan# 2832

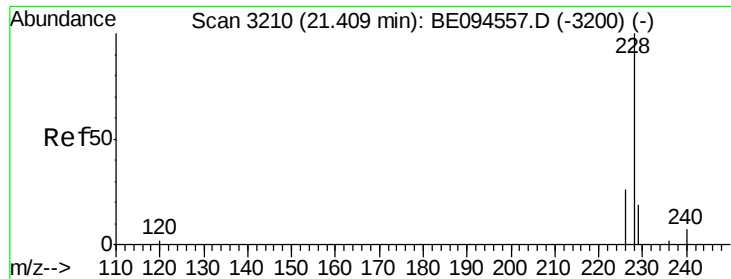
Delta R.T. -0.01 min

Lab File: BE094562.D

Acq: 26 Oct 2017 14:58

Tgt Ion:	202	Resp:	25620
Ion Ratio	Lower	Upper	
202	100		
101	14.2	18.2	27.4#
100	11.7	15.6	23.4#





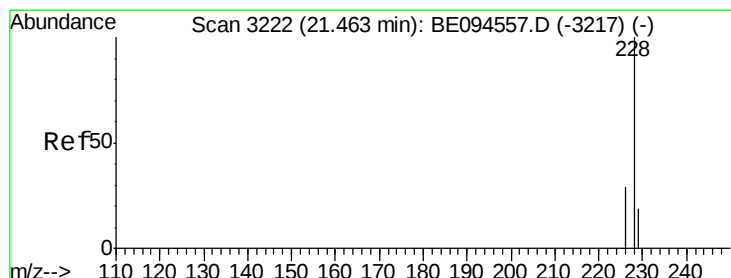
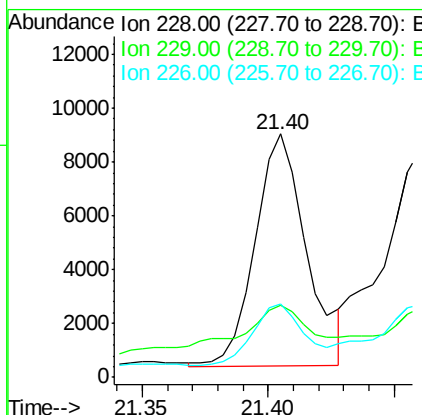
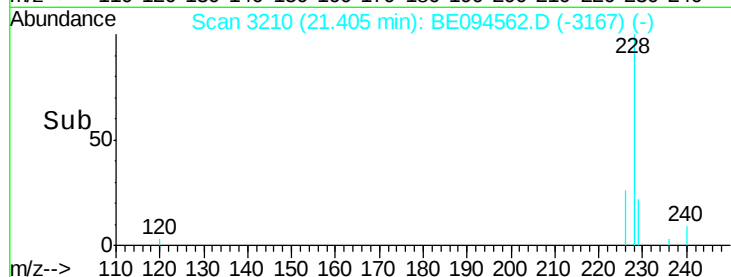
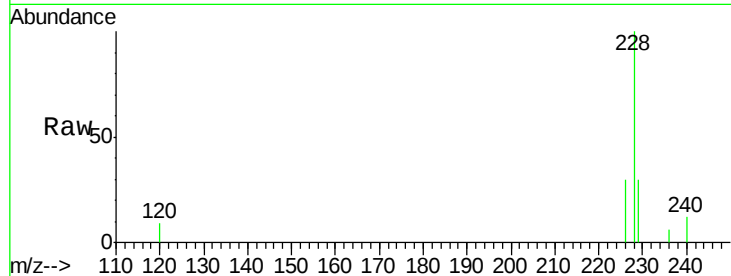
#18
Benzo(a)anthracene
Concen: 0.521 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094562.D
Acq: 26 Oct 2017 14:58

Instrument :
BNA_E
ClientSampleId :
B-25(5-5.5)-100517

Tgt Ion	Ratio	Lower	Upper
228	100		
229	29.7	22.8	34.2
226	30.0	17.0	25.6

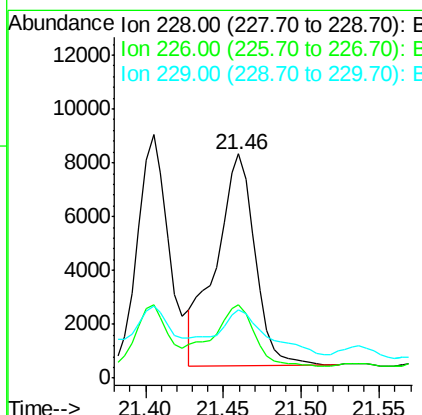
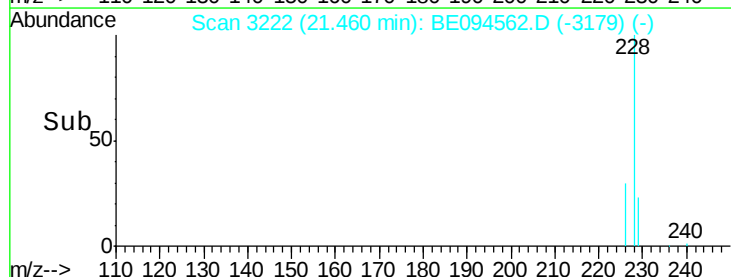
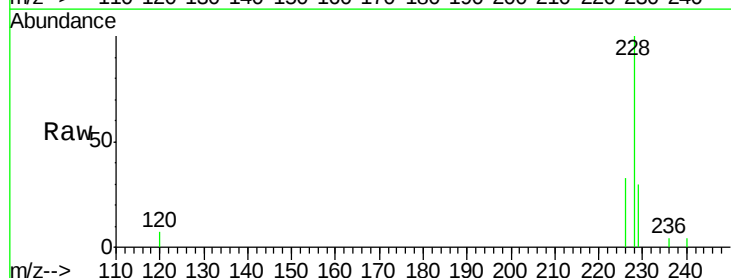
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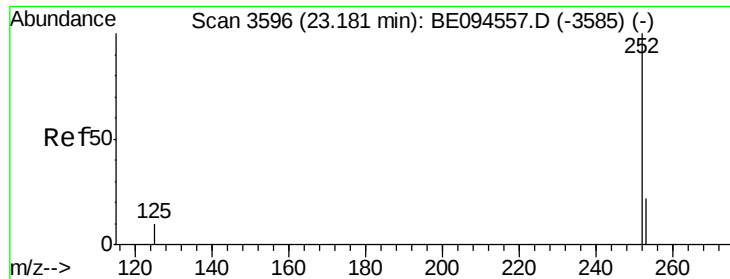
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#19
Chrysene
Concen: 0.562 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094562.D
Acq: 26 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.4	35.0
229	30.2	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.718 ng/ul m

RT: 23.17 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BE094562.D

Acq: 26 Oct 2017 14:58

Instrument :

BNA_E

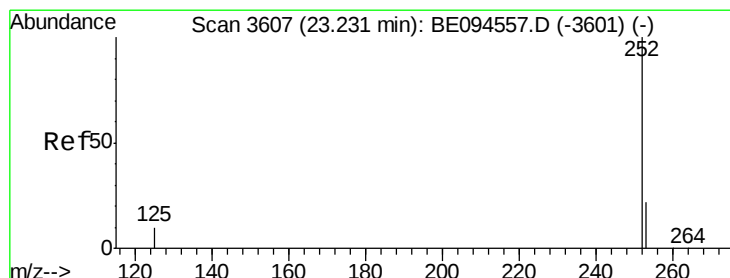
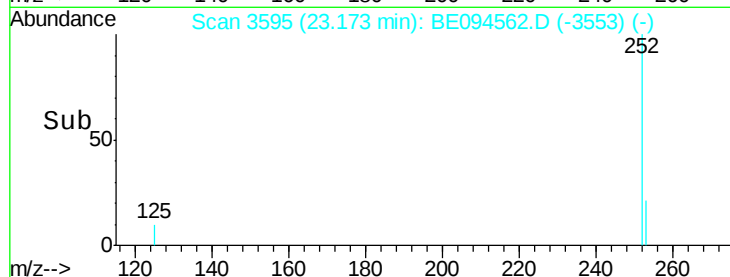
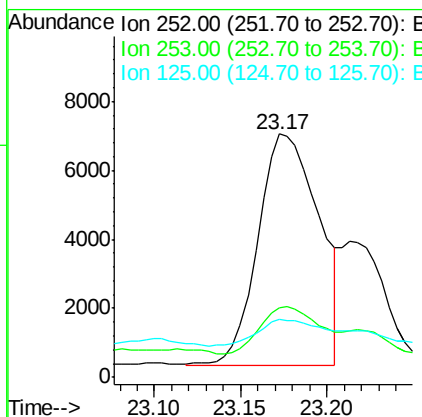
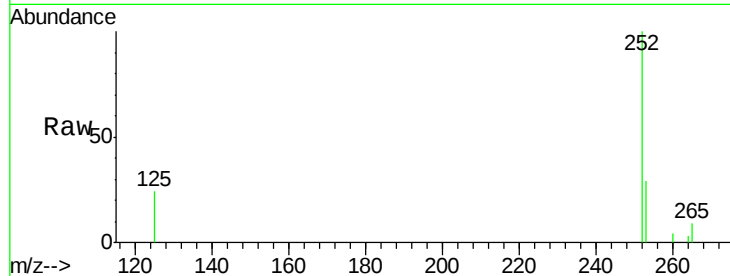
ClientSampleId :

B-25(5-5.5)-100517

Tgt Ion:	252	Resp:	16564
Ion Ratio	Lower	Upper	
252	100		
253	28.7	0.0	64.2
125	23.6	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.263 ng/ul m

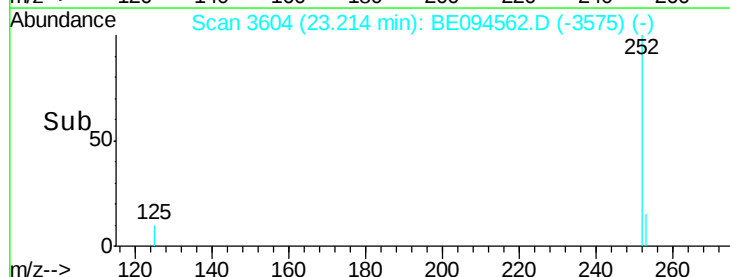
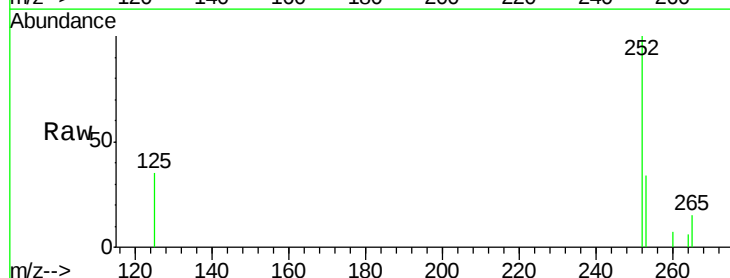
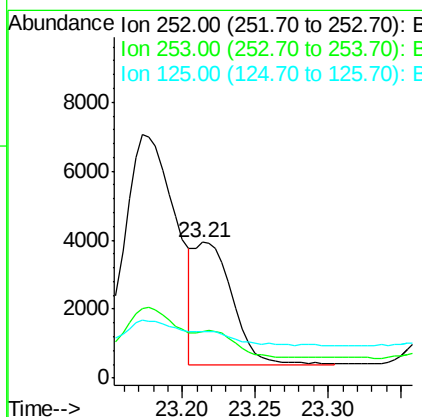
RT: 23.21 min Scan# 3604

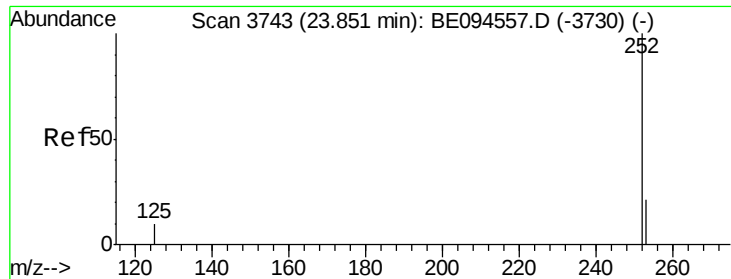
Delta R.T. -0.02 min

Lab File: BE094562.D

Acq: 26 Oct 2017 14:58

Tgt Ion:	252	Resp:	6489
Ion Ratio	Lower	Upper	
252	100		
253	34.4	24.5	36.7
125	34.5	13.7	20.5#





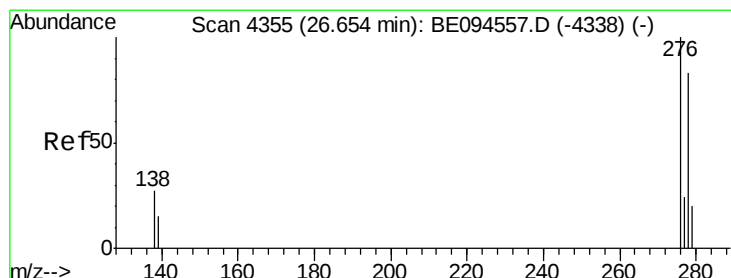
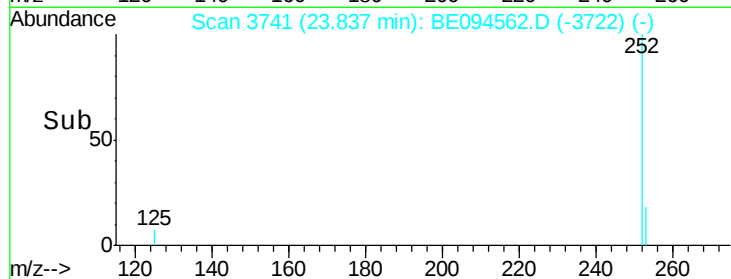
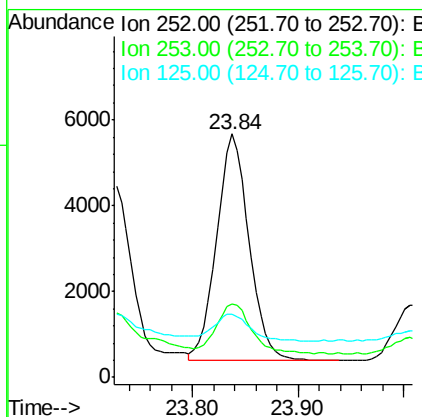
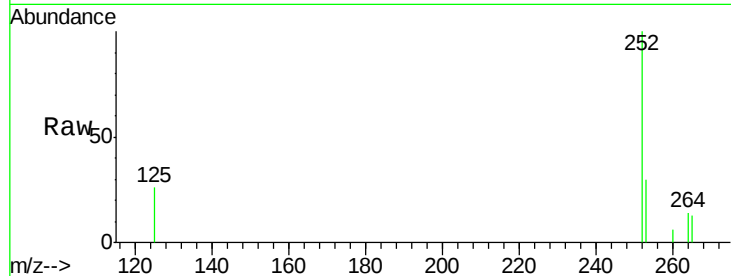
#23
Benzo(a)pyrene
Concen: 0.489 ng/u1
RT: 23.84 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BE094562.D
Acq: 26 Oct 2017 14:58

Instrument :
BNA_E
ClientSampleId :
B-25(5-5.5)-100517

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	28.5	42.7
125	25.9	18.1	27.1

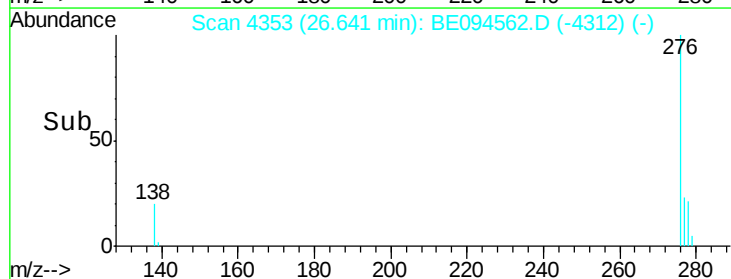
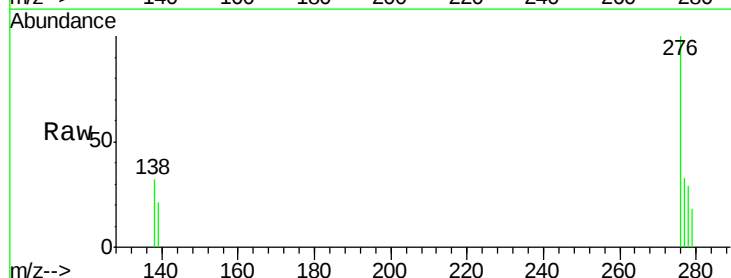
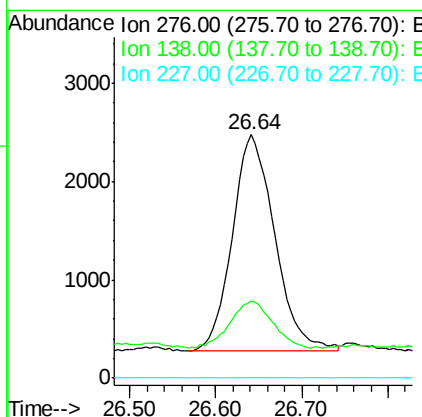
Manual Integrations
APPROVED

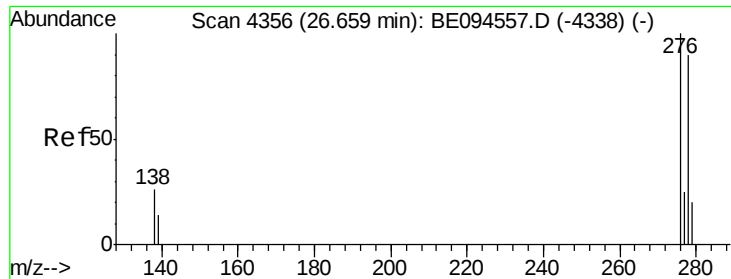
Sohil
10/27/2017 5:34:46 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/u1
RT: 26.64 min Scan# 4353
Delta R.T. -0.01 min
Lab File: BE094562.D
Acq: 26 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	28.0	42.0#
227	0.0	8.0	12.0#





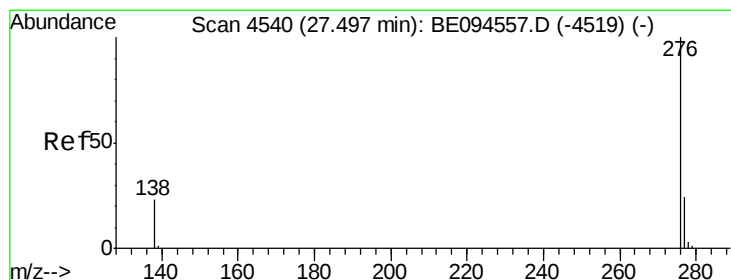
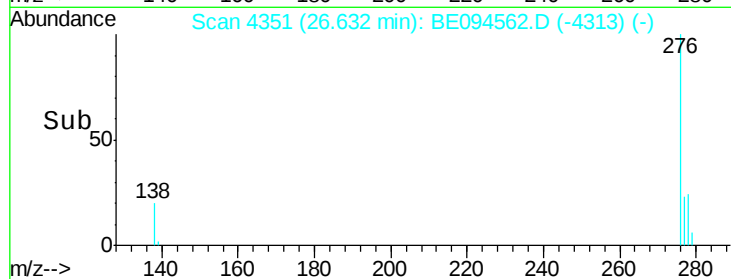
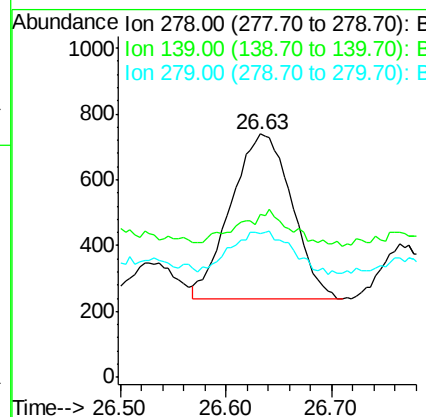
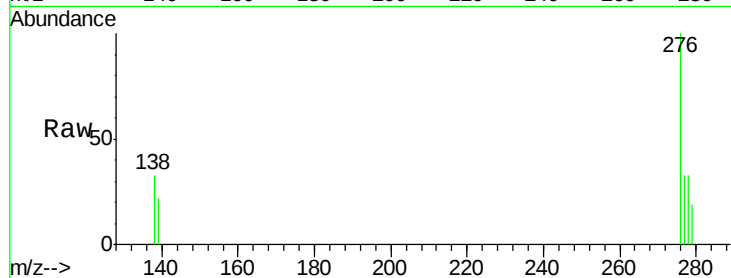
#25
Dibenzo(a,h)anthracene
Concen: 0.101 ng/u1
RT: 26.63 min Scan# 4351
Delta R.T. -0.03 min
Lab File: BE094562.D
Acq: 26 Oct 2017 14:58

Instrument :
BNA_E
ClientSampleId :
B-25(5-5.5)-100517

Tgt Ion	Ratio	Lower	Upper
278	100		
139	66.8	17.4	26.0#
279	59.3	25.9	38.9#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:46 PM



#26
Benzo(g,h,i)perylene
Concen: 0.404 ng/u1
RT: 27.48 min Scan# 4537
Delta R.T. -0.02 min
Lab File: BE094562.D
Acq: 26 Oct 2017 14:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.8	21.8	32.8#
277	34.3	20.5	30.7#

