

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094570.D
 Acq On : 26 Oct 2017 19:54
 Operator : SJ/JU
 Sample : I5873-07 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-18(5-6)_101217

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:35:36 PM

Quant Time: Oct 27 08:49:47 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	7.91	152	1103	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6532	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	3823	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8660	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8367	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	7936	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	1449	0.06	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.74	128	808	0.051	ng/ul#	81
5) 2-Methylnaphthalene	12.35	142	492	0.044	ng/ul	94
7) Acenaphthylene	14.24	152	6909	0.400	ng/ul	99
8) Acenaphthene	14.57	153	1716	0.138	ng/ul	94
9) Fluorene	15.57	166	2757	0.198	ng/ul	94
12) Phenanthrene	17.29	178	97538	4.264	ng/ul#	91
13) Anthracene	17.38	178	27610	1.223	ng/ul#	91
15) Fluoranthene	19.31	202	210942	7.977	ng/ul	83
17) Pyrene	19.67	202	191943	7.421	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	112424	4.700	ng/ul#	87
19) Chrysene	21.46	228	96147	3.889	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	122581m	5.491	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	44237m	1.849	ng/ul	
23) Benzo(a)pyrene	23.84	252	93447	4.188	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.65	276	53593	2.321	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.63	278	13764	0.707	ng/ul#	90
26) Benzo(g,h,i)perylene	27.48	276	40215	2.169	ng/ul	97

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

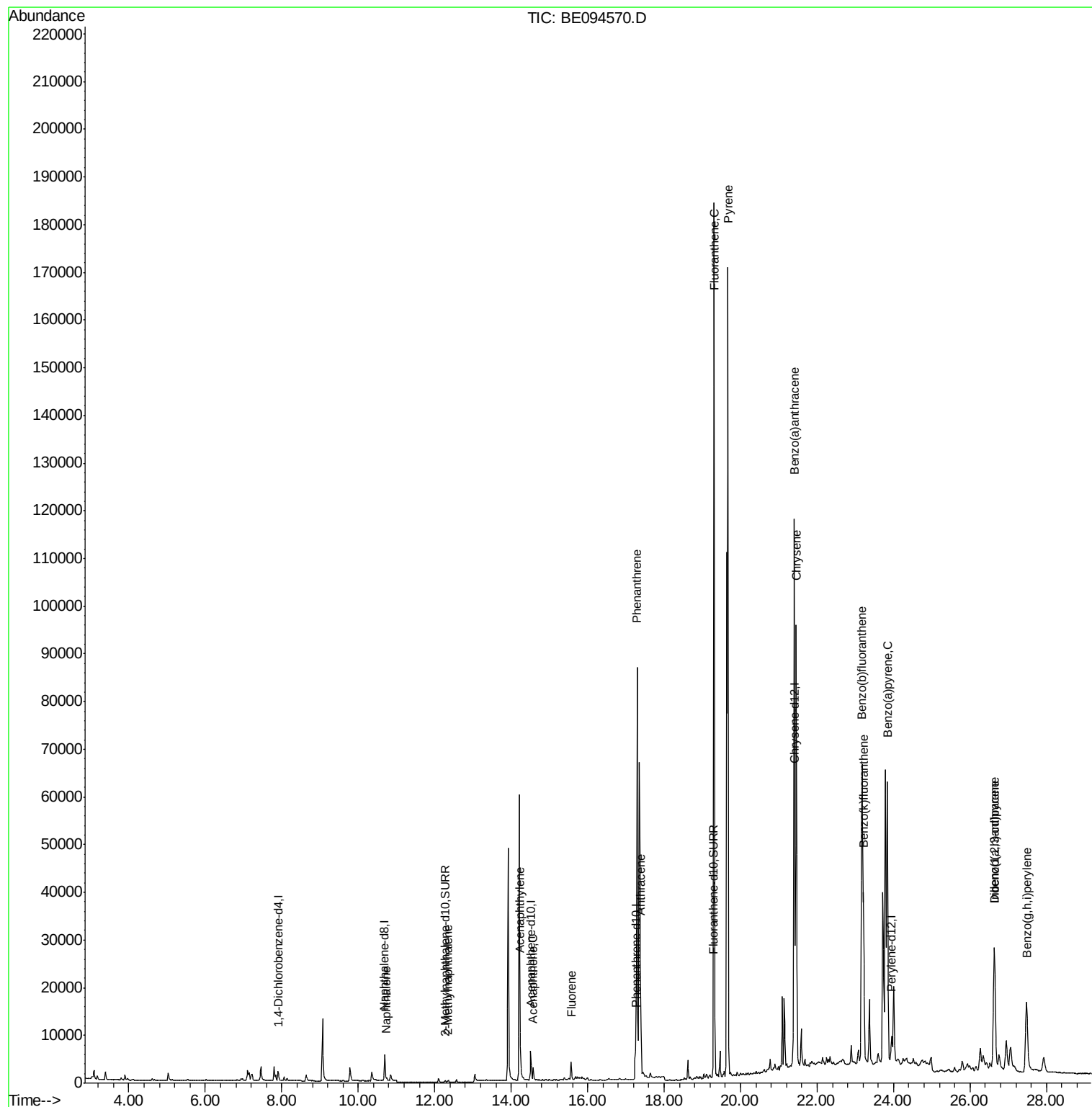
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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ALS Vial : 14 Sample Multiplier: 1

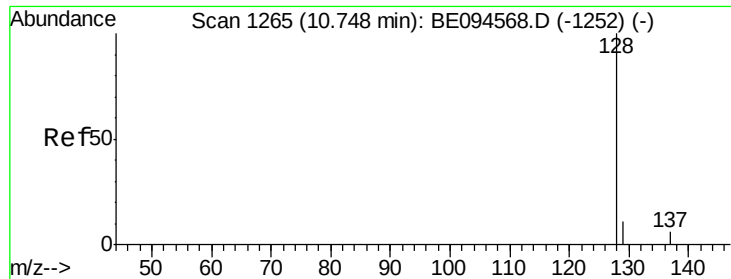
Instrument :
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#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Instrument :

BNA_E

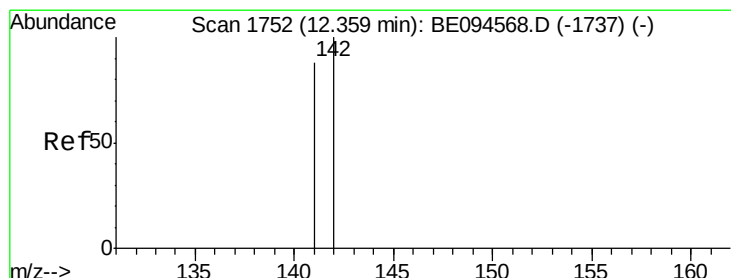
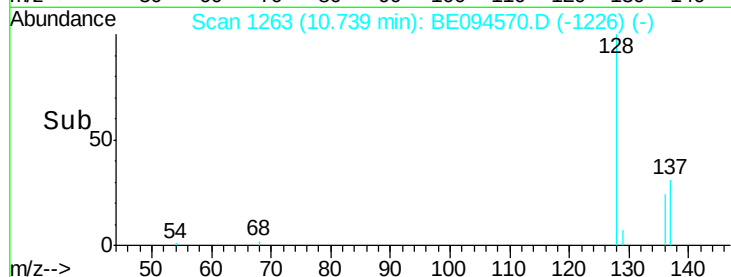
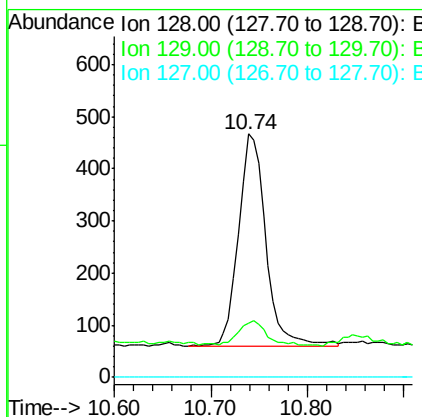
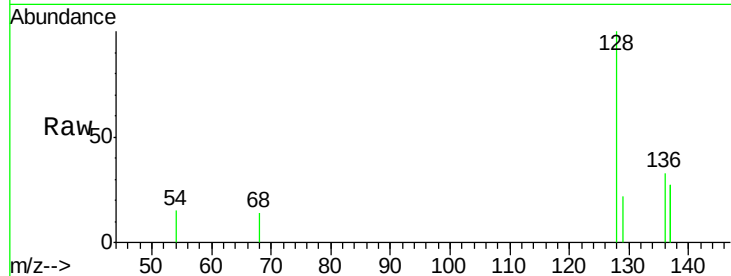
ClientSampleId :

B-18(5-6)_101217

Tgt Ion:	128	Resp:	808
Ion Ratio	Lower	Upper	
128	100		
129	22.3	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.044 ng/ul

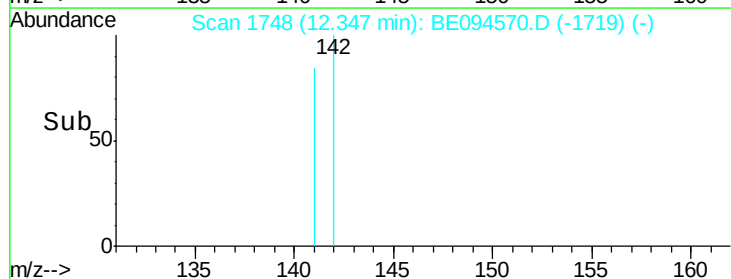
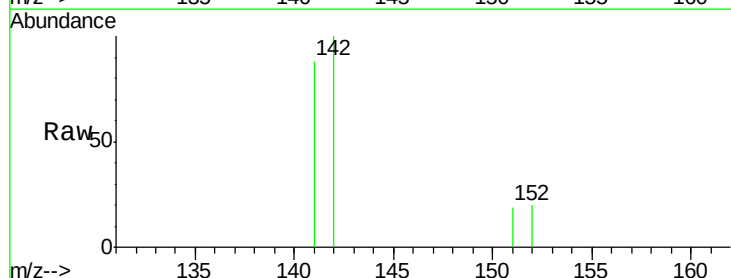
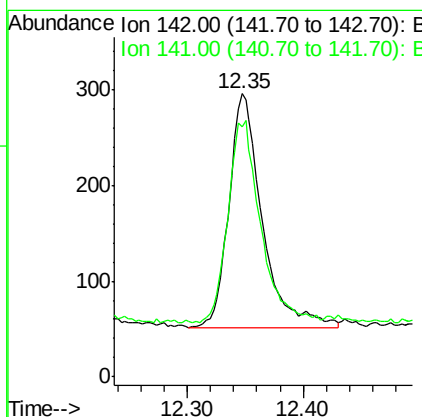
RT: 12.35 min Scan# 1748

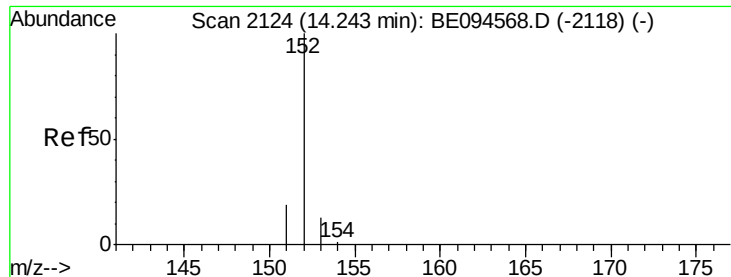
Delta R.T. -0.01 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Tgt Ion:	142	Resp:	492
Ion Ratio	Lower	Upper	
142	100		
141	85.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.400 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Instrument :

BNA_E

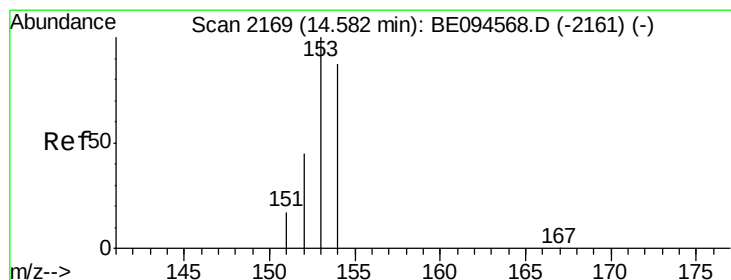
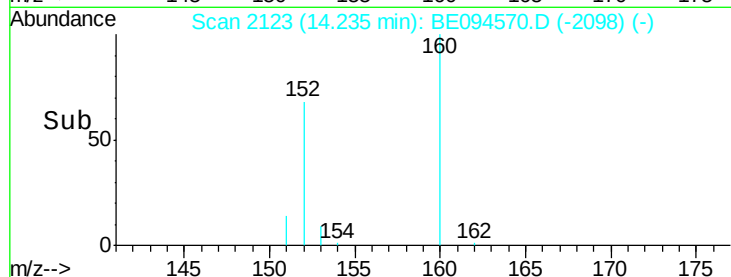
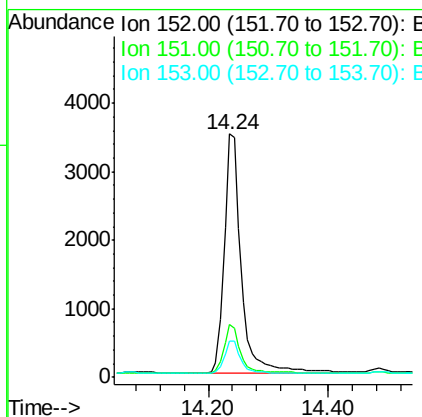
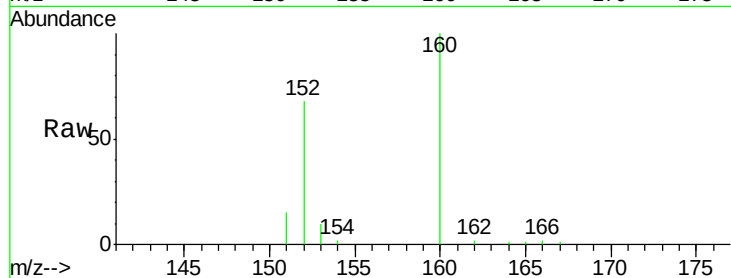
ClientSampleId :

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Tgt Ion:	152	Resp:	6909
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.1	25.7
153	14.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.138 ng/ul

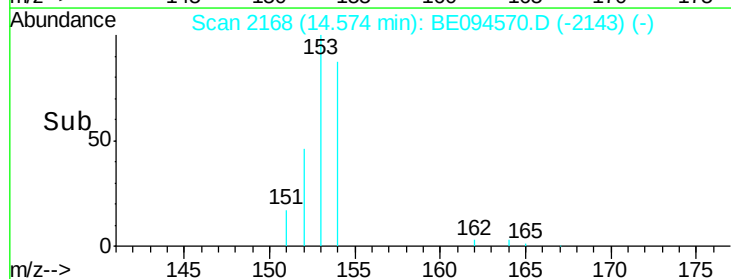
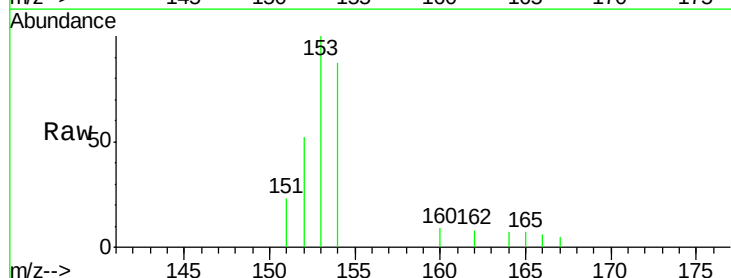
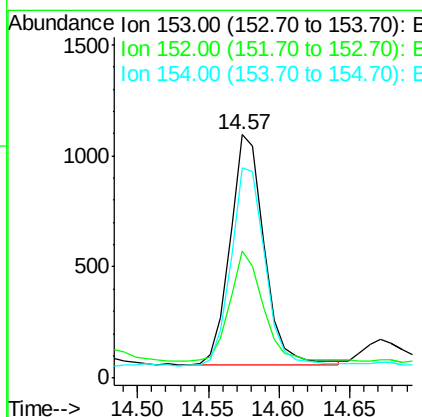
RT: 14.57 min Scan# 2168

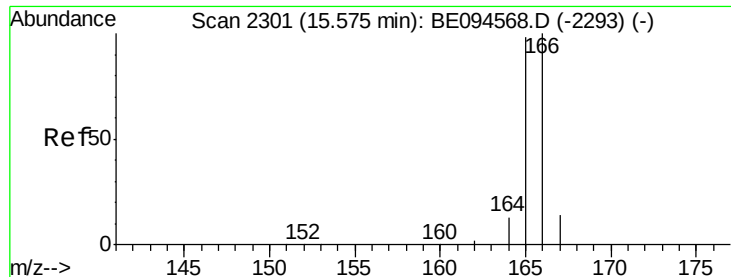
Delta R.T. -0.01 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Tgt Ion:	153	Resp:	1716
Ion Ratio	Lower	Upper	
153	100		
152	52.1	36.0	54.0
154	86.6	72.0	108.0





#9

Fluorene

Concen: 0.198 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Instrument :

BNA_E

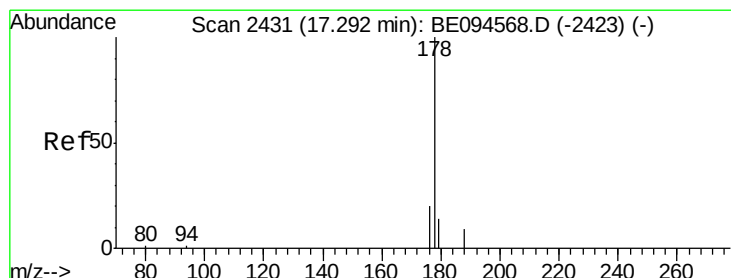
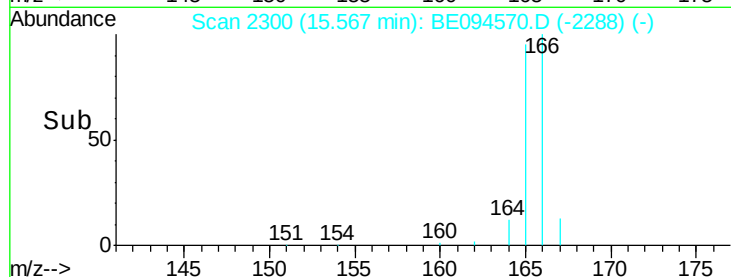
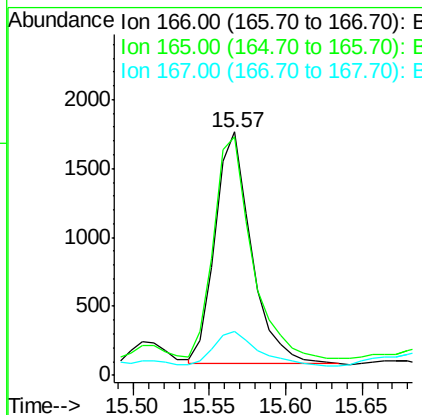
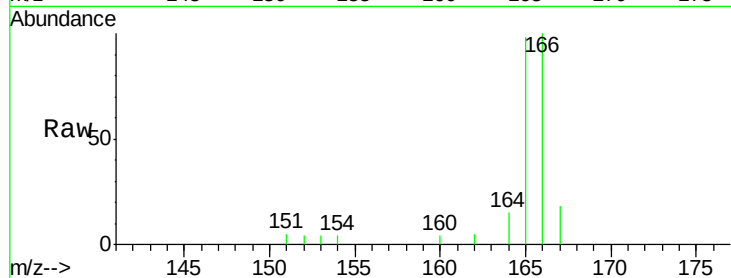
ClientSampleId :

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Tgt Ion:	166	Resp:	2757
Ion Ratio		Lower	Upper
166	100		
165	98.0	73.4	110.2
167	18.0	14.6	22.0

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#12

Phenanthrene

Concen: 4.264 ng/ul

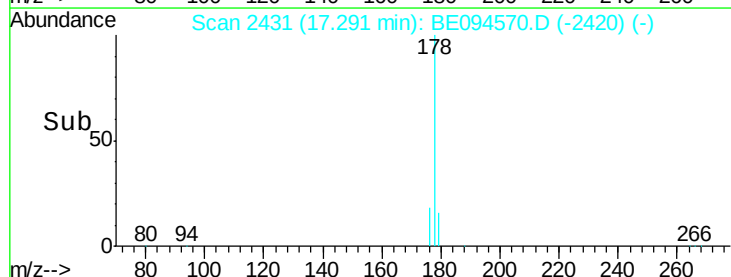
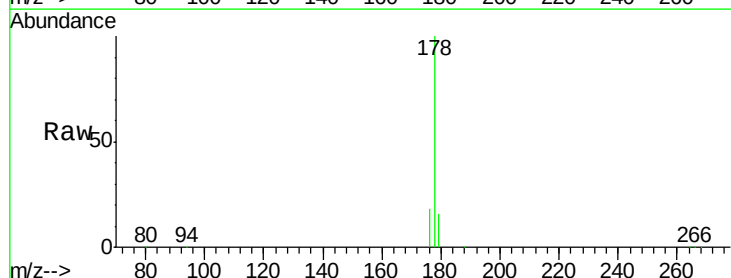
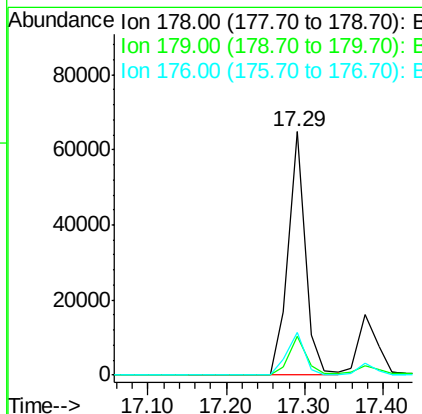
RT: 17.29 min Scan# 2431

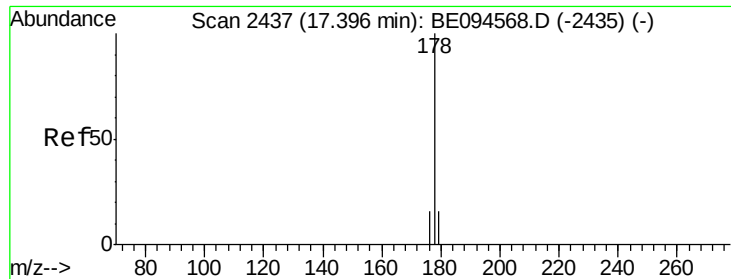
Delta R.T. -0.02 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Tgt Ion:	178	Resp:	97538
Ion Ratio		Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	17.7	13.6	20.4





#13

Anthracene

Concen: 1.223 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Instrument :

BNA_E

ClientSampleId :

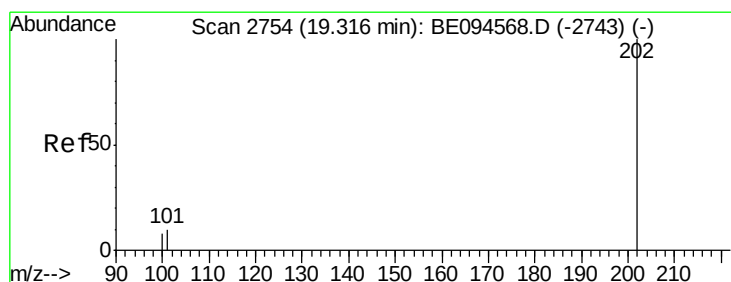
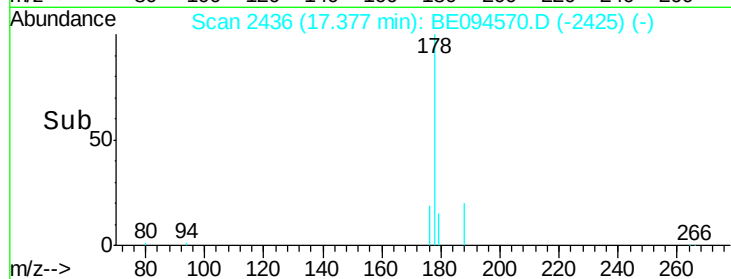
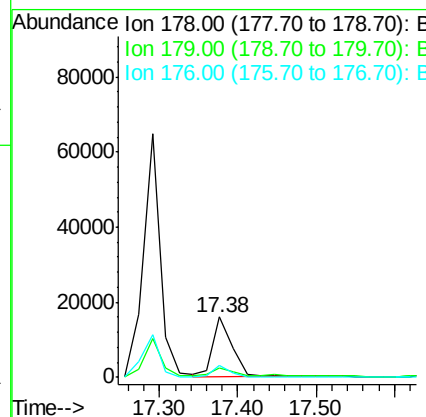
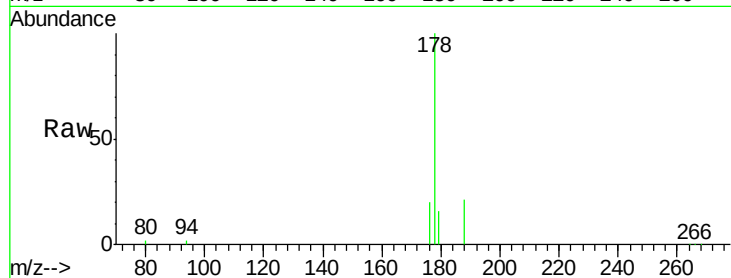
B-18(5-6)_101217

Tgt Ion:178 Resp: 27610

Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.1	27.1#
176	19.7	14.7	22.1

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#15

Fluoranthene

Concen: 7.977 ng/ul

RT: 19.31 min Scan# 2753

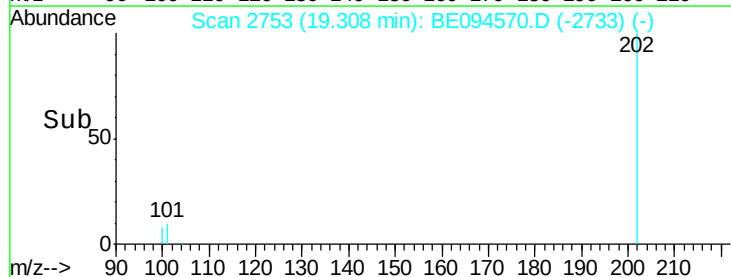
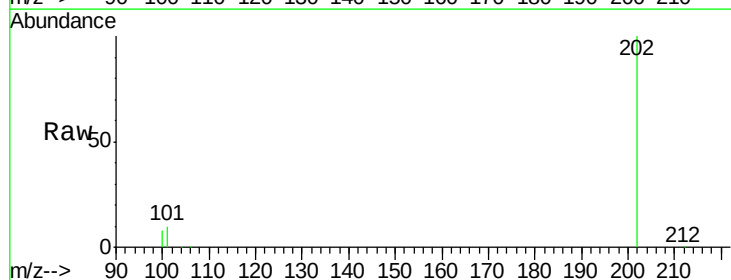
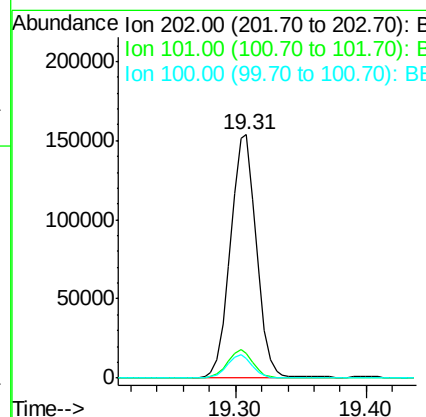
Delta R.T. -0.01 min

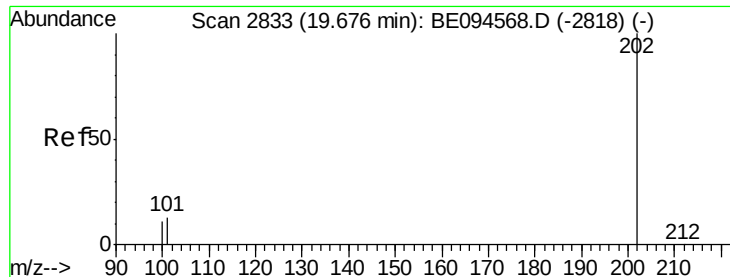
Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Tgt Ion:202 Resp: 210942

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
100	7.8	0.0	39.5





#17

Pyrene

Concen: 7.421 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Instrument :

BNA_E

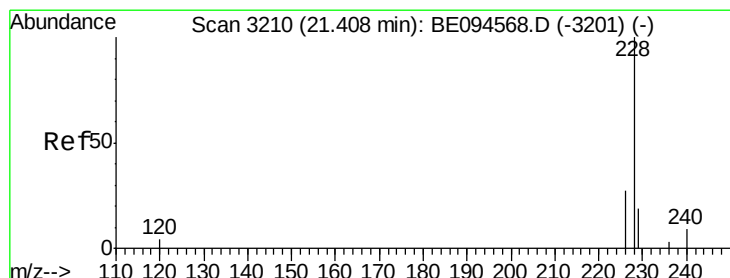
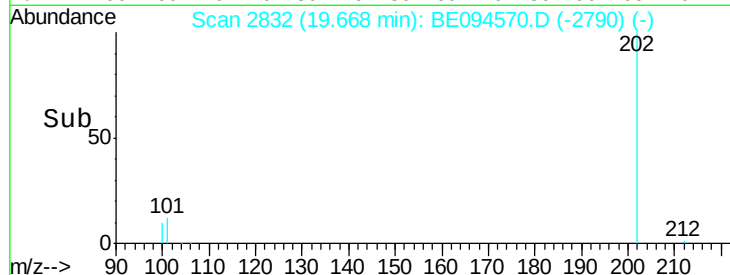
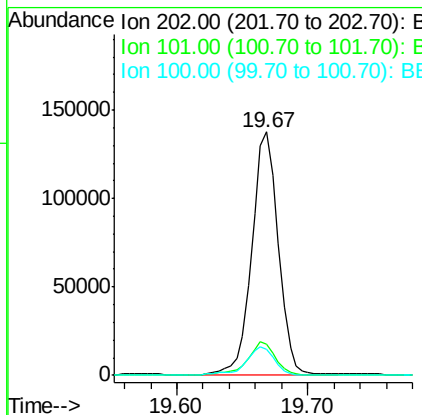
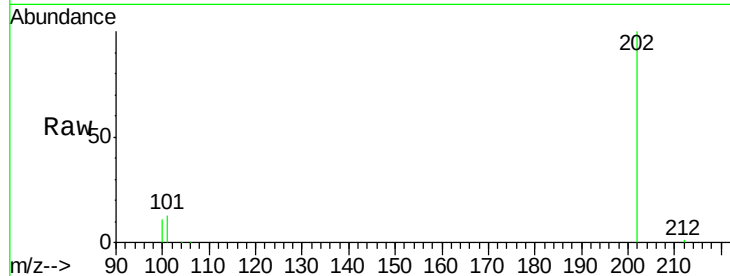
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Tgt Ion:	202	Resp:	191943
Ion Ratio	Lower	Upper	
202	100		
101	12.5	18.2	27.4#
100	10.5	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 4.700 ng/ul

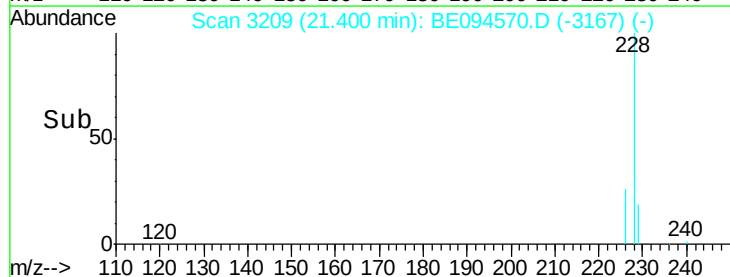
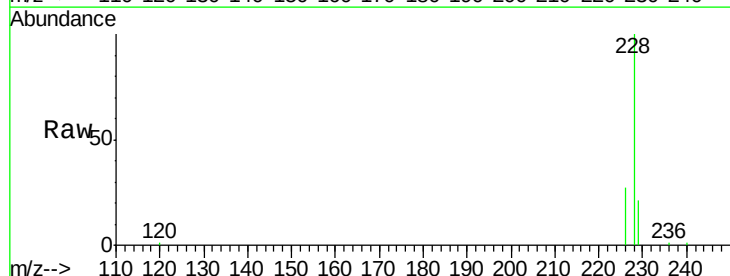
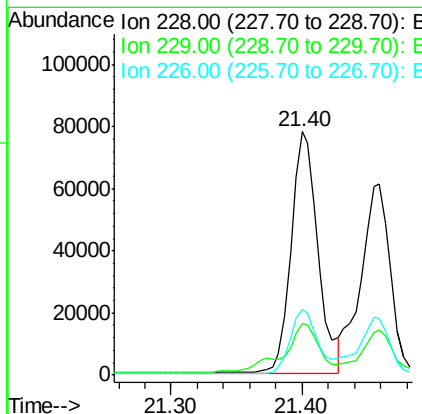
RT: 21.40 min Scan# 3209

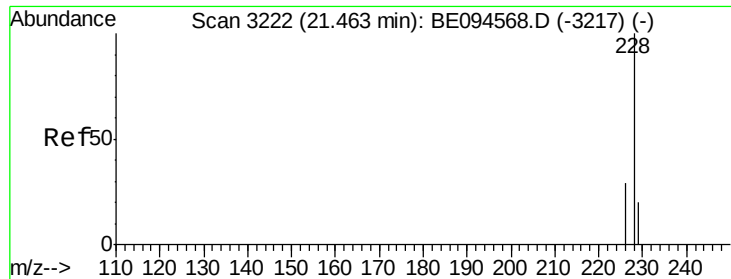
Delta R.T. -0.01 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Tgt Ion:	228	Resp:	112424
Ion Ratio	Lower	Upper	
228	100		
229	21.0	22.8	34.2#
226	27.1	17.0	25.6#





#19

Chrysene

Concen: 3.889 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Instrument :

BNA_E

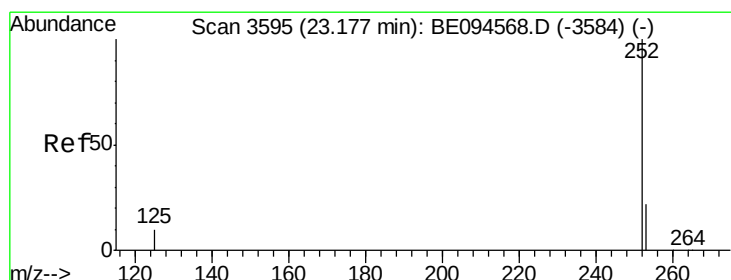
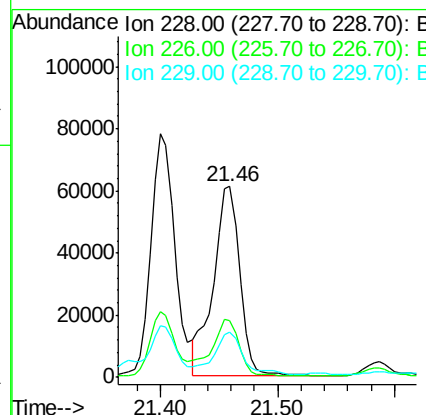
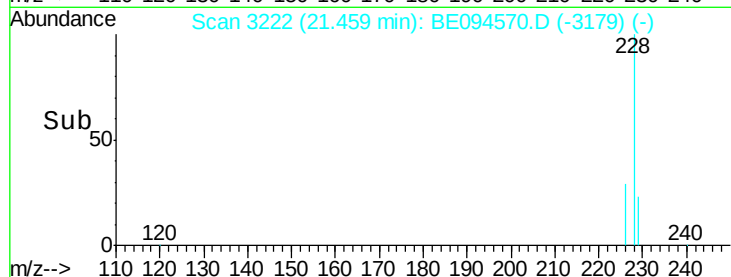
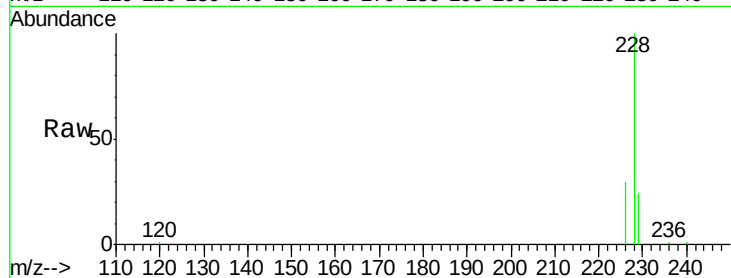
ClientSampleId :

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Tgt Ion:	228	Resp:	96147
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.4	35.0
229	23.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 5.491 ng/ul m

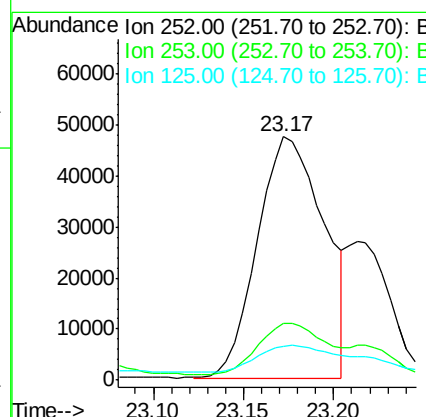
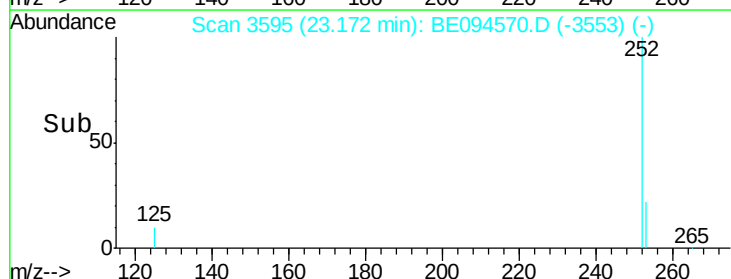
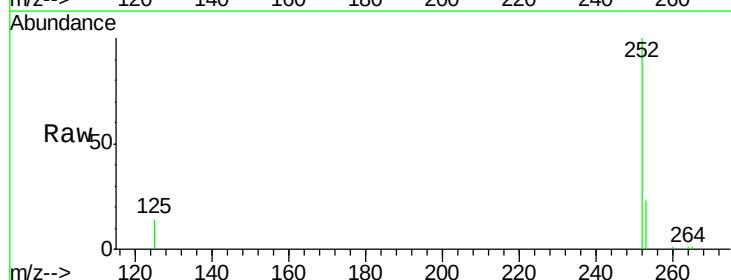
RT: 23.17 min Scan# 3595

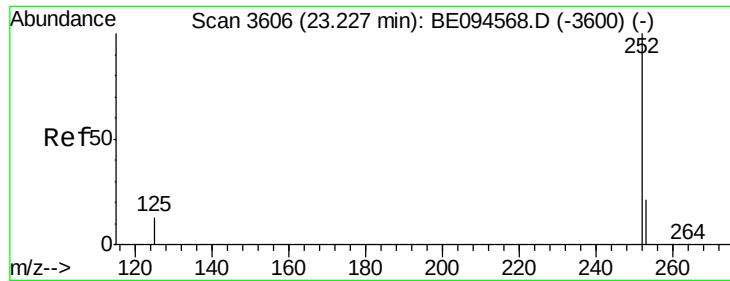
Delta R.T. -0.01 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Tgt Ion:	252	Resp:	122581
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	14.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.849 ng/ul m

RT: 23.21 min Scan# 3604

Delta R.T. -0.02 min

Lab File: BE094570.D

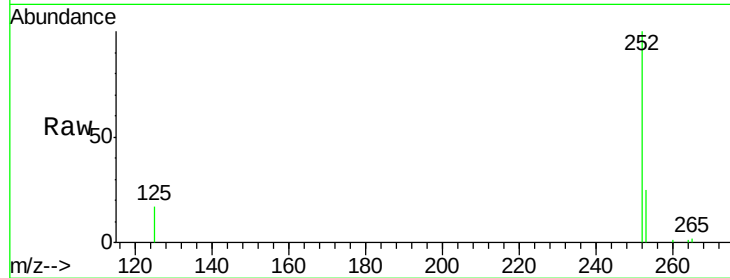
Acq: 26 Oct 2017 19:54

Instrument :

BNA_E

ClientSampleId :

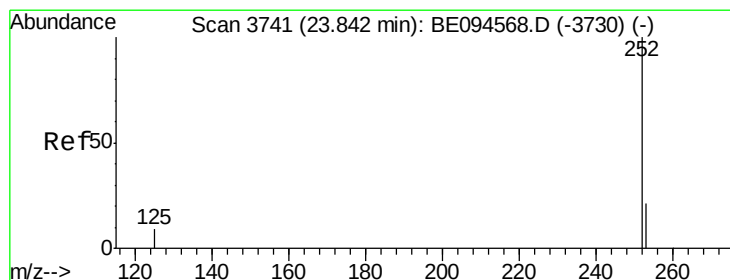
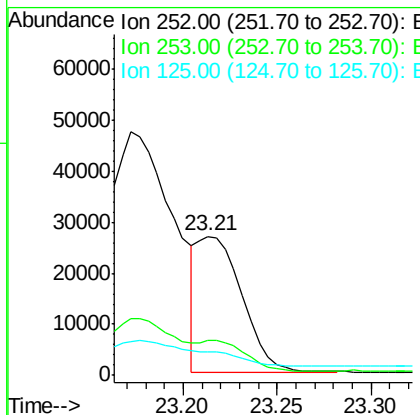
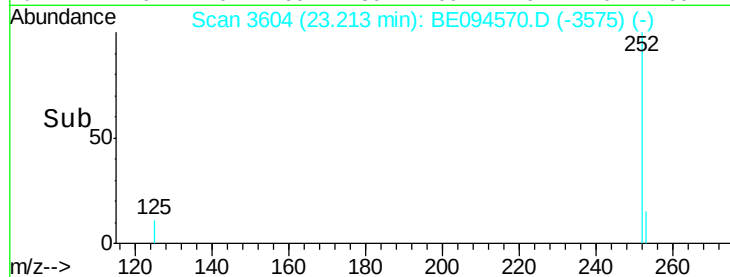
B-18(5-6)_101217



Tgt Ion:	252	Resp:	44237
Ion Ratio	Lower	Upper	
252	100		
253	24.7	24.5	36.7
125	17.3	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 4.188 ng/ul

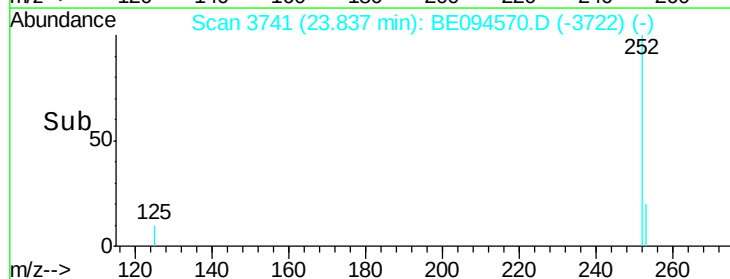
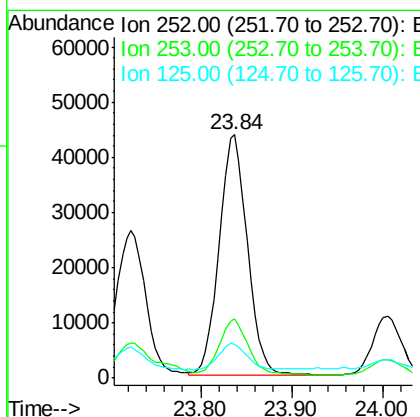
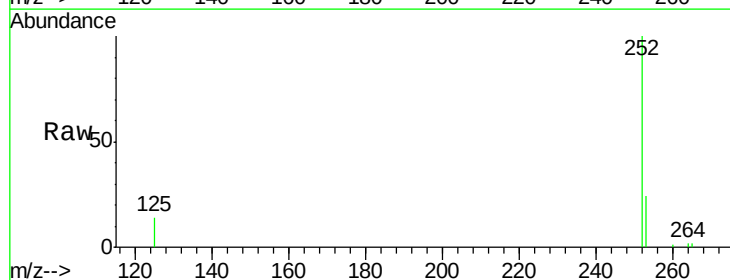
RT: 23.84 min Scan# 3741

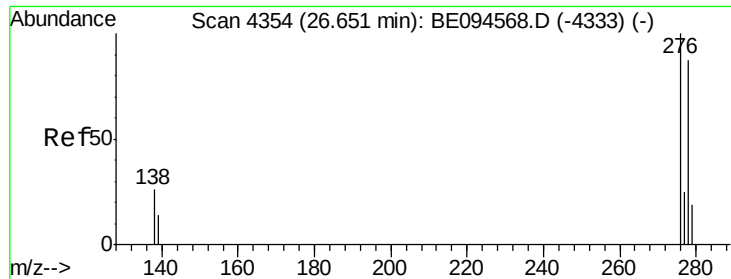
Delta R.T. -0.01 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Tgt Ion:	252	Resp:	93447
Ion Ratio	Lower	Upper	
252	100		
253	24.2	28.5	42.7#
125	13.9	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 2.321 ng/ul

RT: 26.65 min Scan# 4354

Delta R.T. -0.01 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Instrument :

BNA_E

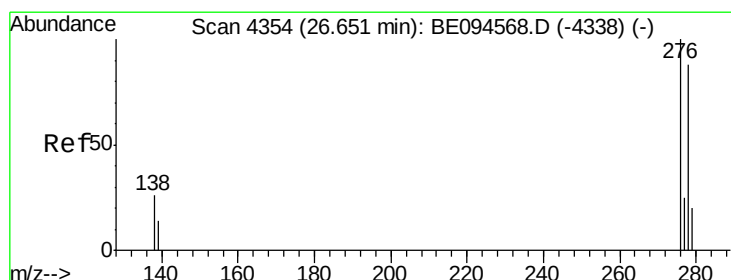
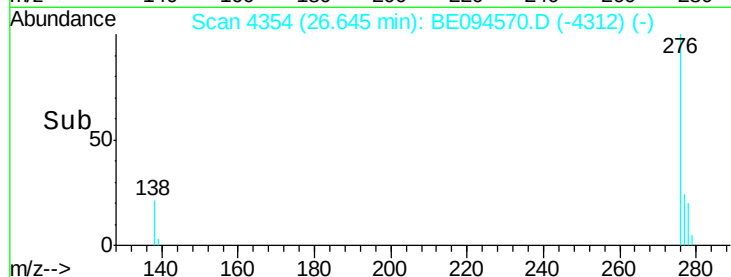
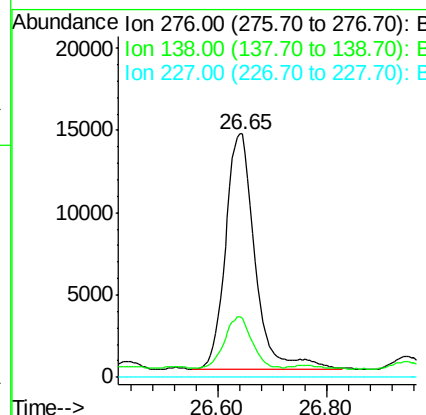
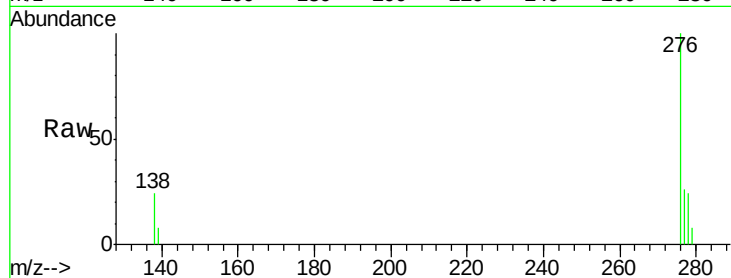
ClientSampleId :

B-18(5-6)_101217

Tgt Ion:	276	Resp:	53593
Ion Ratio	Lower	Upper	
276	100		
138	20.2	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:36 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.707 ng/ul

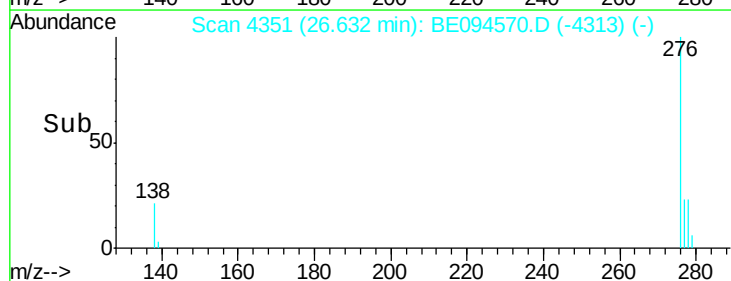
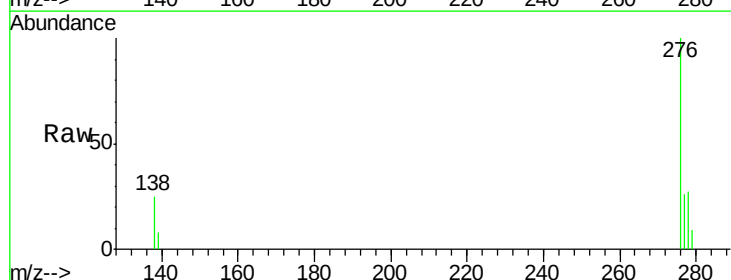
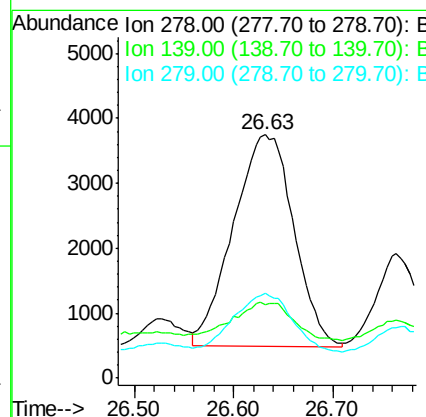
RT: 26.63 min Scan# 4351

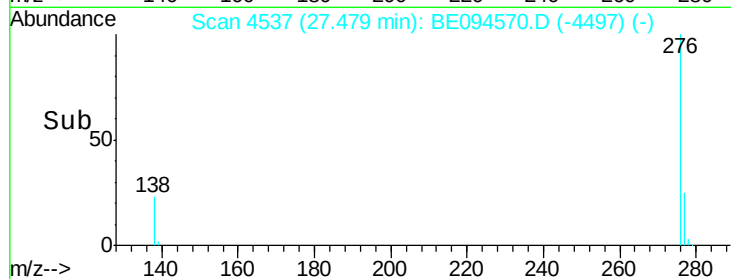
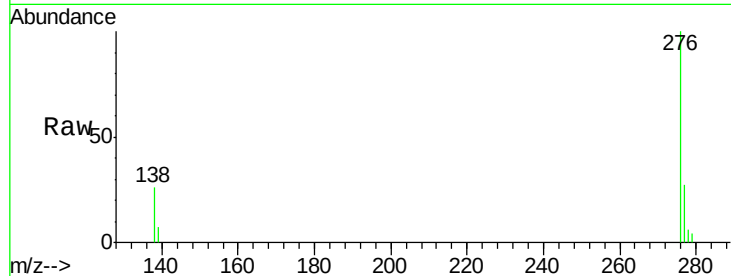
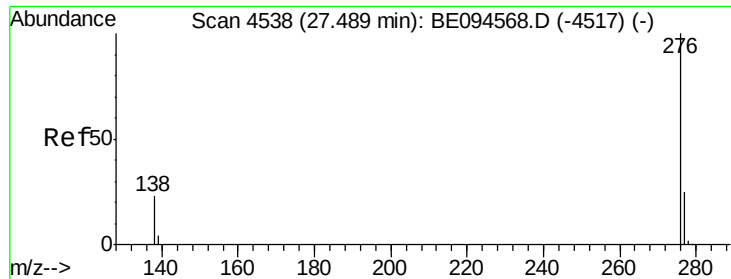
Delta R.T. -0.03 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Tgt Ion:	278	Resp:	13764
Ion Ratio	Lower	Upper	
278	100		
139	30.2	17.4	26.0#
279	34.7	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 2.169 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. -0.02 min

Lab File: BE094570.D

Acq: 26 Oct 2017 19:54

Instrument :

BNA_E

ClientSampleId :

B-18(5-6)_101217

Tgt Ion:	276	Resp:	40215
Ion Ratio	Lower	Upper	
276	100		
138	26.0	21.8	32.8
277	27.4	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:36 PM

