

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094582.D
 Acq On : 27 Oct 2017 3:12
 Operator : SJ/JU
 Sample : I5873-06 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-18(0-1)_101217

Manual Integrations
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Quant Time: Oct 27 09:44:46 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	1497	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8473	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4869	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10867	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10598	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11137	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	841	0.06	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	2315	0.07	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	3332	0.161	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	1826	0.126	ng/ul	99
7) Acenaphthylene	14.24	152	8345	0.379	ng/ul	97
8) Acenaphthene	14.58	153	2284	0.144	ng/ul	96
9) Fluorene	15.57	166	3201	0.180	ng/ul	96
12) Phenanthrene	17.29	178	86408	3.010	ng/ul#	89
13) Anthracene	17.38	178	24984	0.882	ng/ul#	90
15) Fluoranthene	19.31	202	199692	6.018	ng/ul	84
17) Pyrene	19.67	202	165359	5.047	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	85443	2.820	ng/ul#	88
19) Chrysene	21.46	228	116081	3.707	ng/ul	98
21) Benzo(b)fluoranthene	23.18	252	183635m	5.862	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	50988m	1.519	ng/ul	
23) Benzo(a)pyrene	23.85	252	80090	2.558	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.66	276	74300	2.293	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.65	278	16793	0.615	ng/ul#	71
26) Benzo(g,h,i)perylene	27.50	276	55594	2.137	ng/ul	96

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

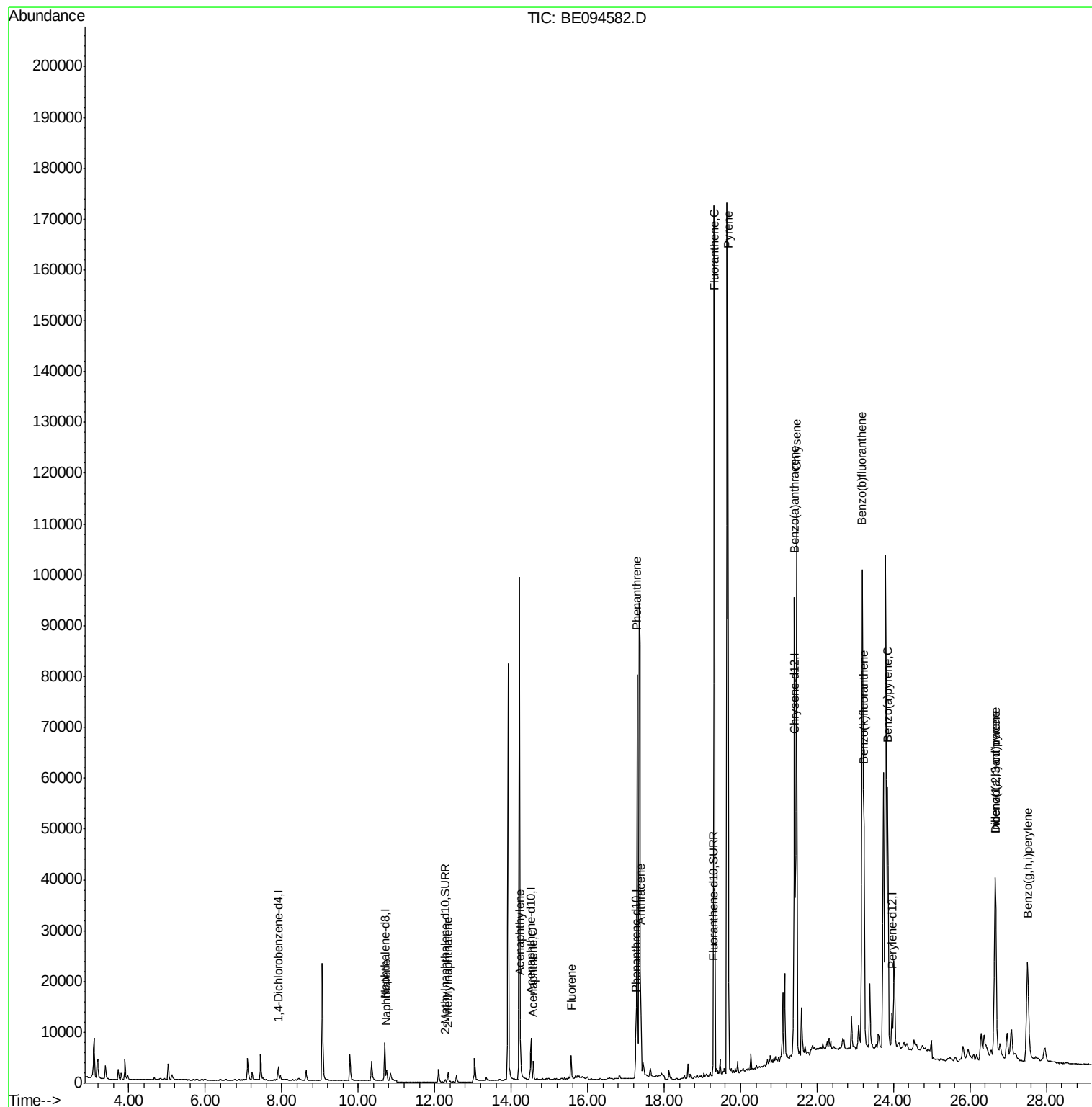
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
Data File : BE094582.D
Acq On : 27 Oct 2017 3:12
Operator : SJ/JU
Sample : I5873-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

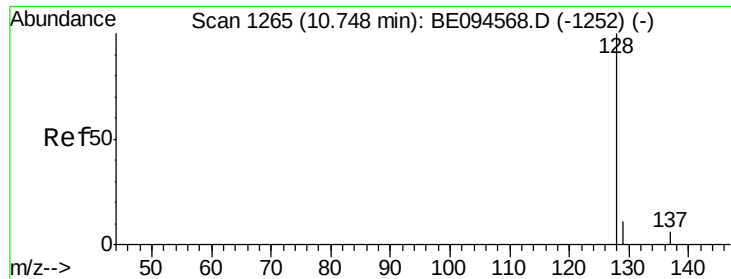
Instrument :
BNA_E
ClientSampled :
B-18(0-1) 101217

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#3

Naphthalene

Concen: 0.161 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094582.D

Acq: 27 Oct 2017 3:12

Instrument :

BNA_E

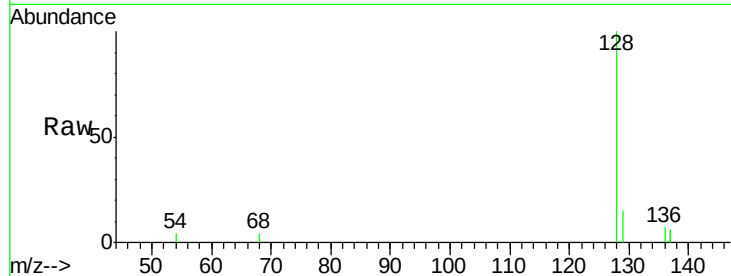
ClientSampleId :

B-18(0-1) 101217

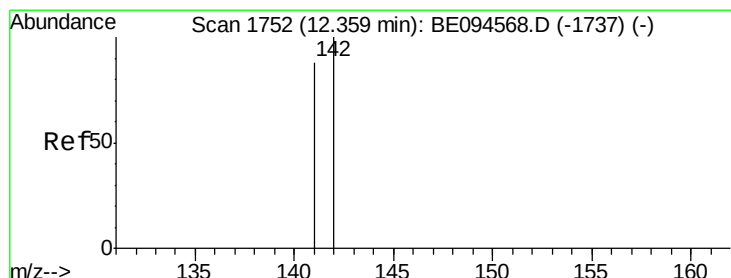
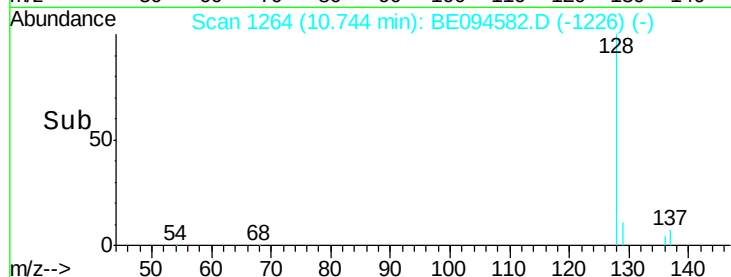
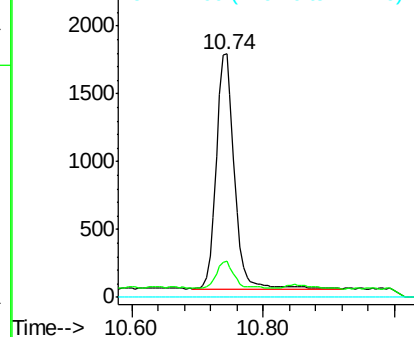
Tgt Ion:	128	Resp:	3332
Ion Ratio	Lower	Upper	
128	100		
129	14.7	11.3	16.9
127	0.0	4.0	6.0

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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: 0.126 ng/ul

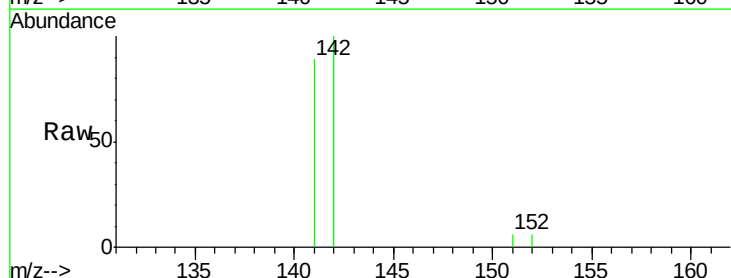
RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

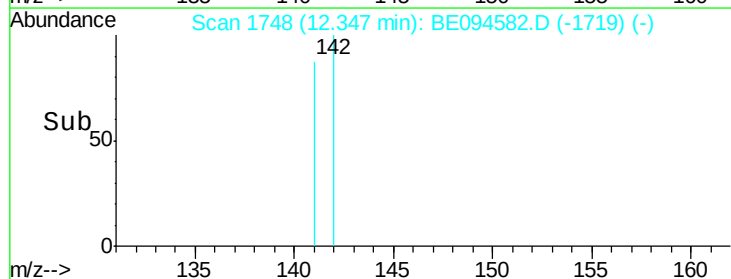
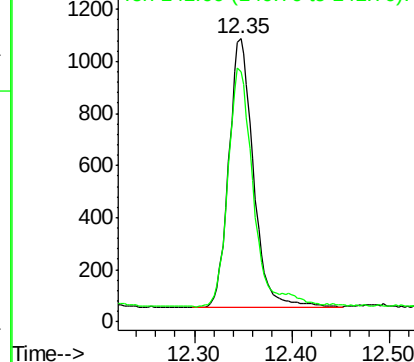
Lab File: BE094582.D

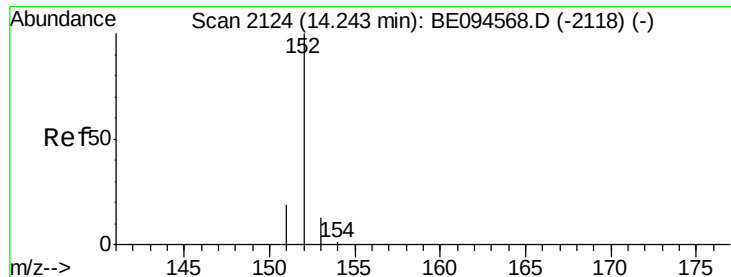
Acq: 27 Oct 2017 3:12

Tgt Ion:	142	Resp:	1826
Ion Ratio	Lower	Upper	
142	100		
141	91.8	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: 0.379 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094582.D

Acq: 27 Oct 2017 3:12

Instrument :

BNA_E

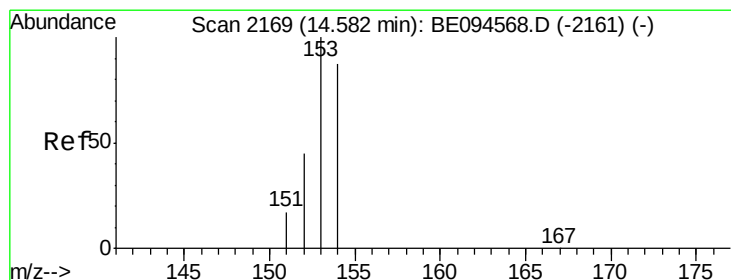
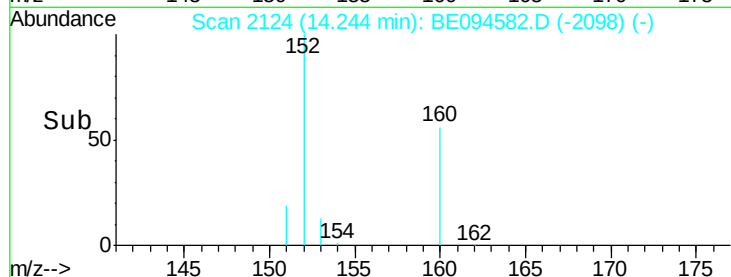
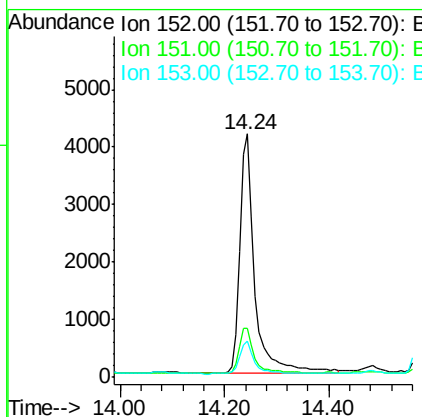
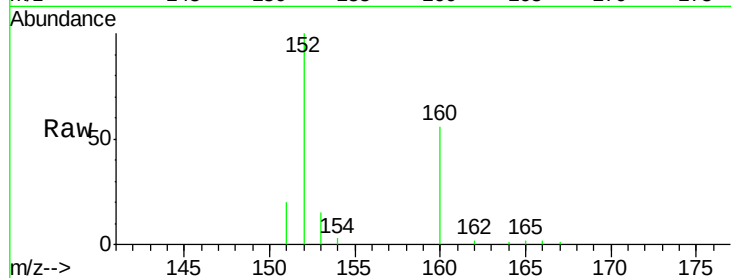
ClientSampleId :

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Tgt Ion:	152	Resp:	8345
Ion Ratio	Lower	Upper	
152	100		
151	20.1	17.1	25.7
153	14.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.144 ng/ul

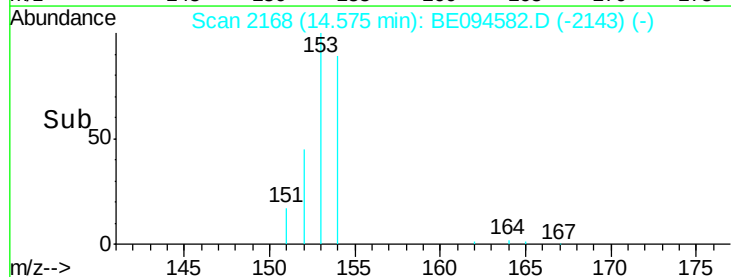
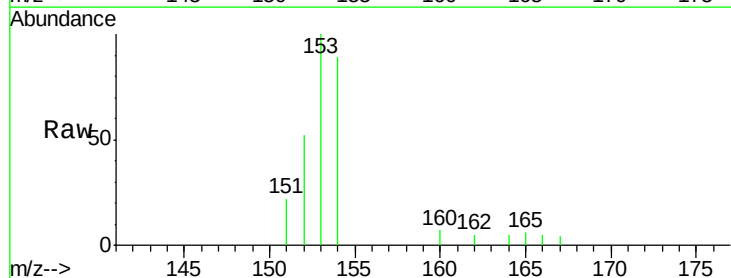
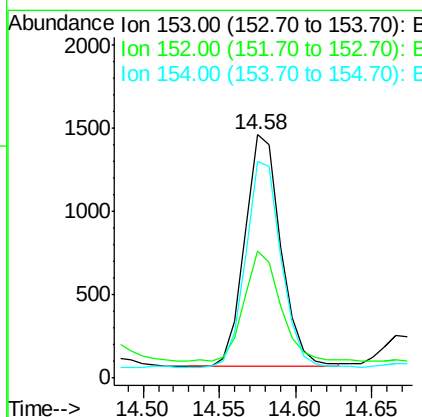
RT: 14.58 min Scan# 2168

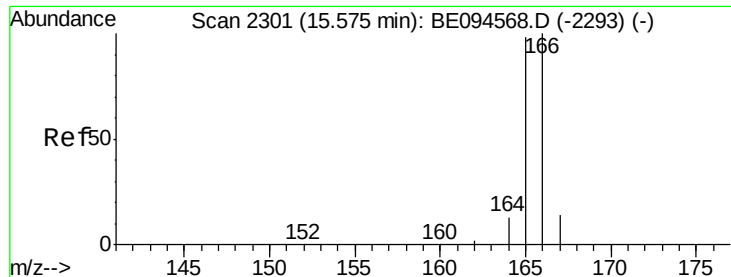
Delta R.T. -0.01 min

Lab File: BE094582.D

Acq: 27 Oct 2017 3:12

Tgt Ion:	153	Resp:	2284
Ion Ratio	Lower	Upper	
153	100		
152	52.4	36.0	54.0
154	89.3	72.0	108.0





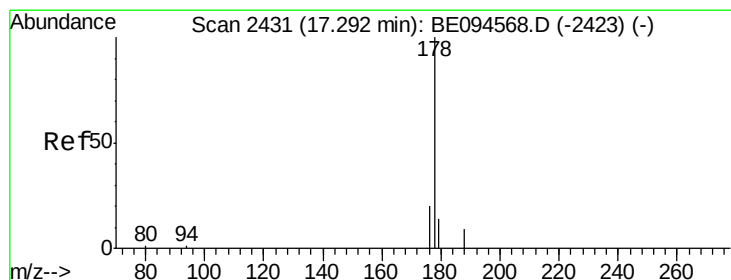
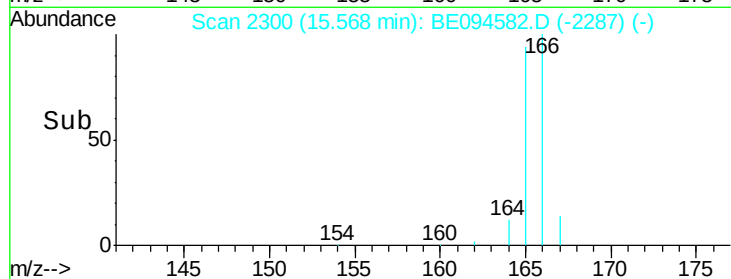
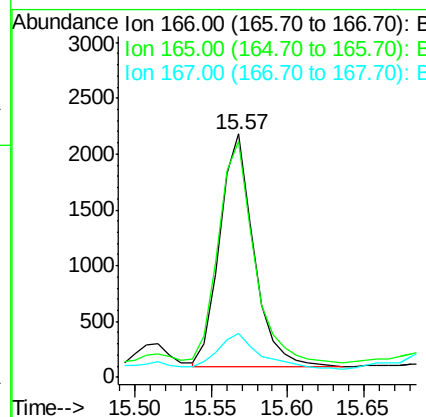
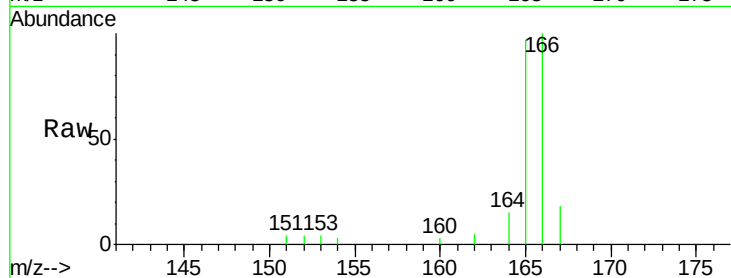
#9
Fluorene
 Concen: 0.180 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094582.D
 Acq: 27 Oct 2017 3:12

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	73.4	110.2
167	18.0	14.6	22.0

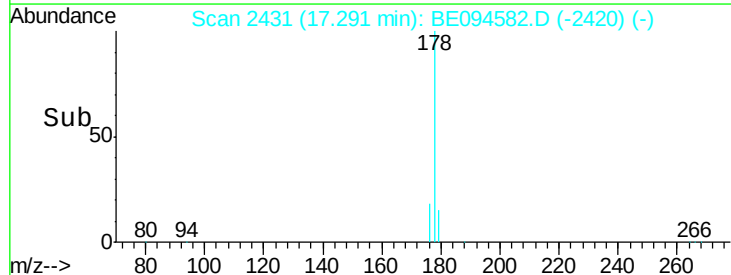
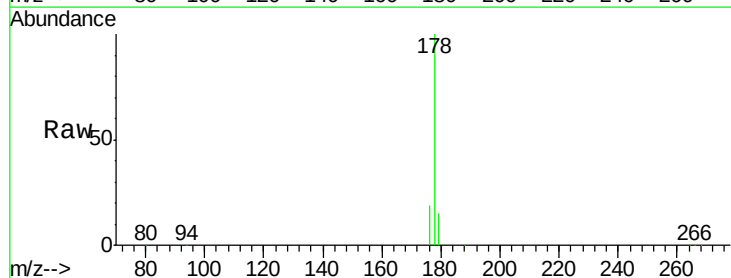
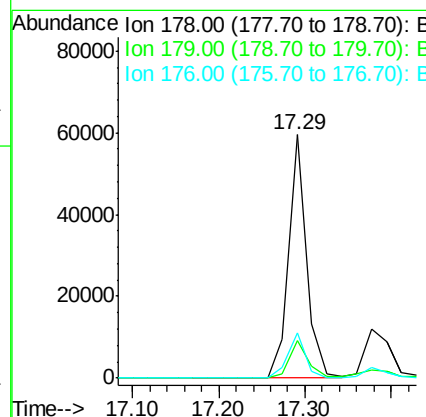
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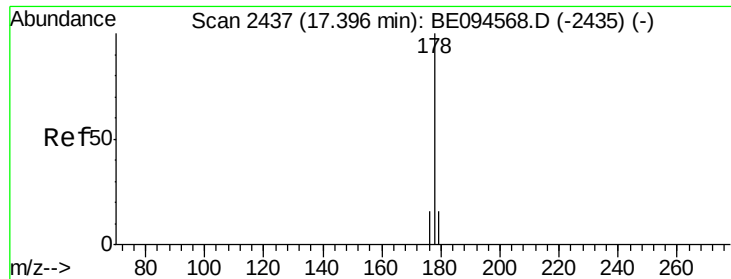
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#12
Phenanthrene
 Concen: 3.010 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094582.D
 Acq: 27 Oct 2017 3:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	18.5	13.6	20.4





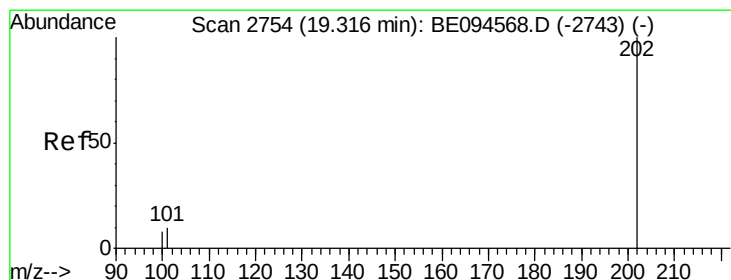
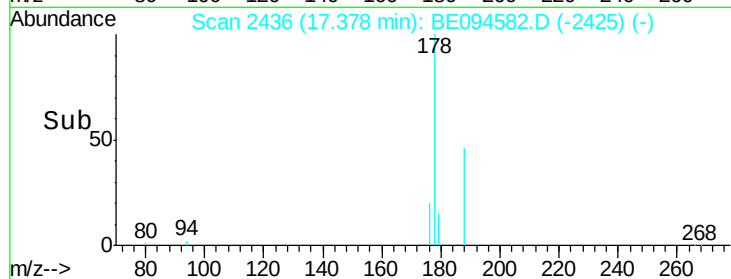
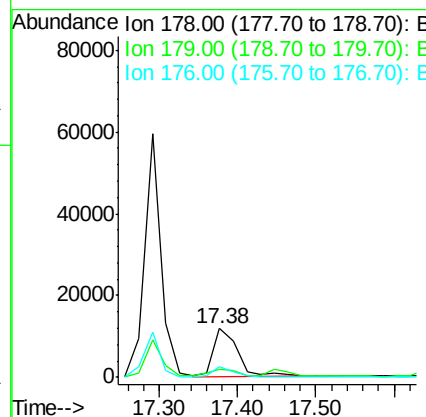
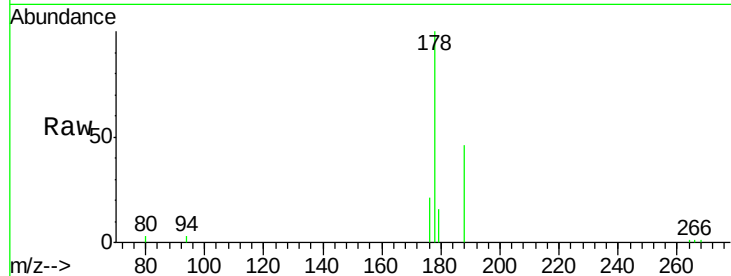
#13
 Anthracene
 Concen: 0.882 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094582.D
 Acq: 27 Oct 2017 3:12

Instrument :
 BNA_E
 ClientSampleId :
 B-18(0-1)_101217

Tgt Ion:178 Resp: 24984
 Ion Ratio Lower Upper
 178 100
 179 15.8 18.1 27.1#
 176 20.8 14.7 22.1

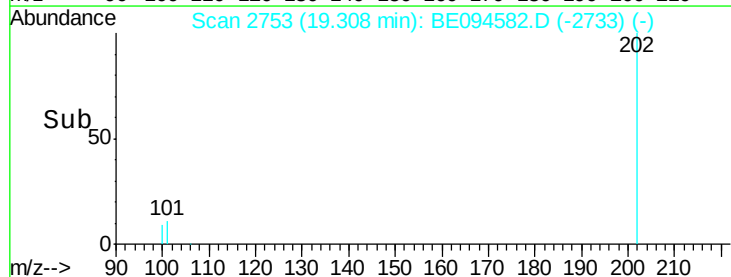
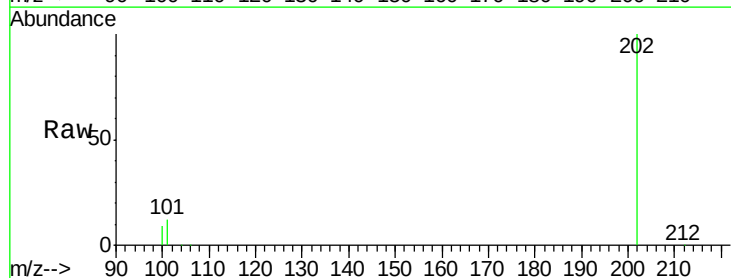
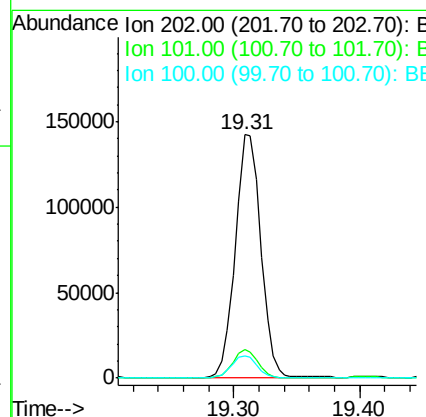
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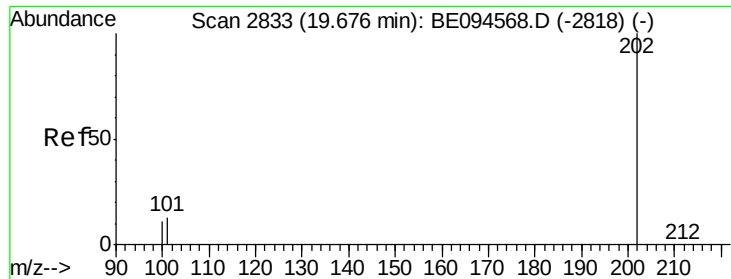
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#15
 Fluoranthene
 Concen: 6.018 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094582.D
 Acq: 27 Oct 2017 3:12

Tgt Ion:202 Resp: 199692
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 30.3
 100 9.2 0.0 39.5





#17

Pyrene

Concen: 5.047 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094582.D

Acq: 27 Oct 2017 3:12

Instrument :

BNA_E

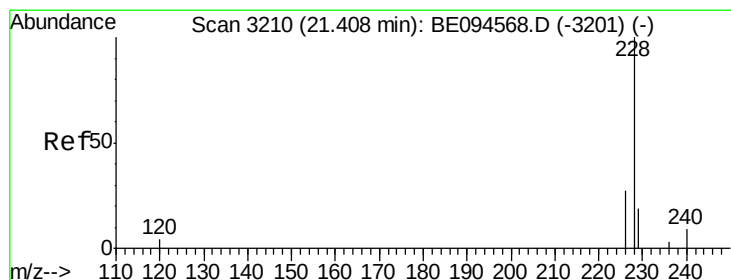
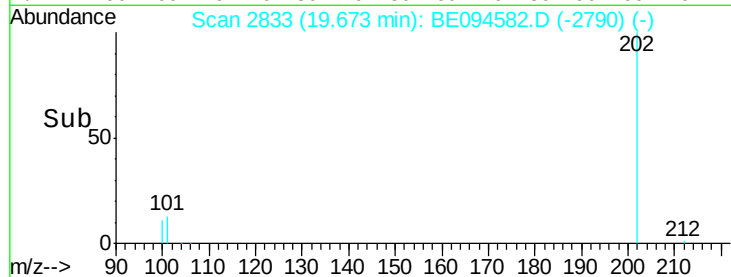
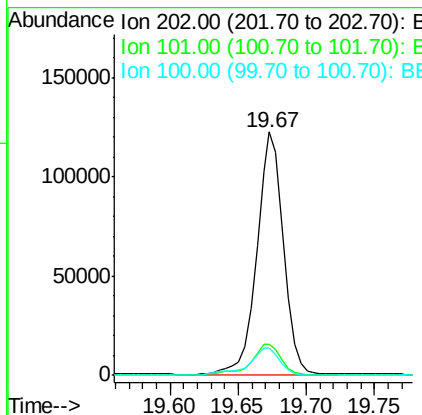
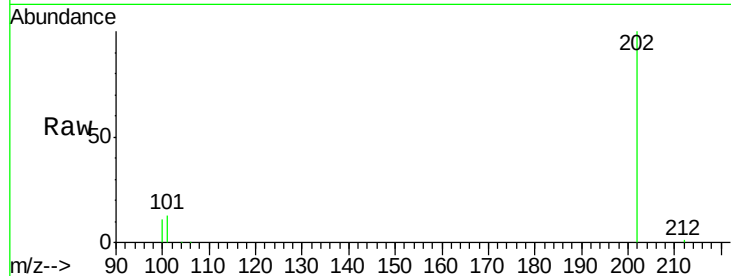
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Tgt Ion:	202	Resp:	165359
Ion Ratio	Lower	Upper	
202	100		
101	13.0	18.2	27.4#
100	11.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 2.820 ng/ul

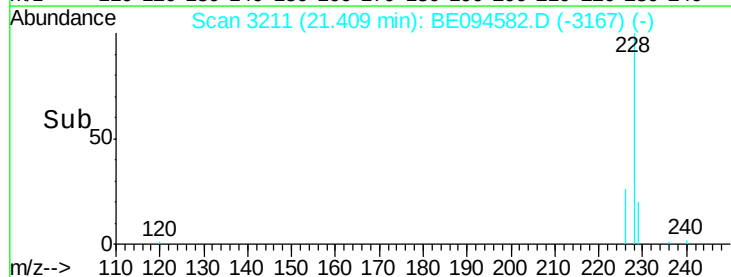
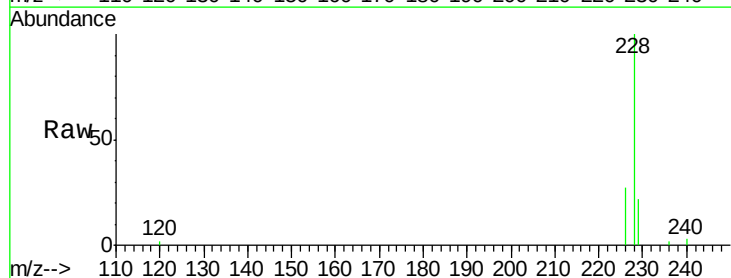
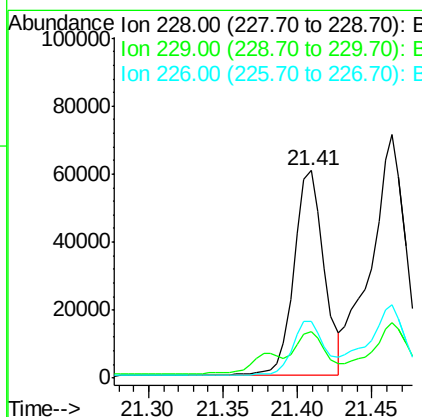
RT: 21.41 min Scan# 3211

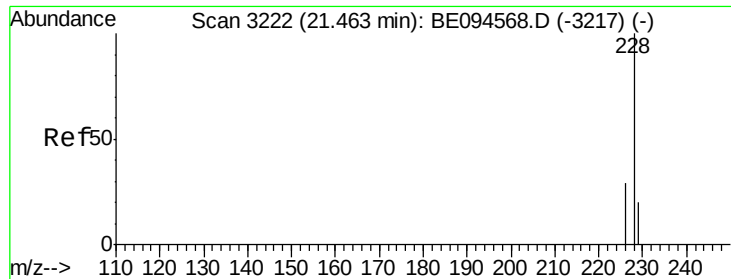
Delta R.T. 0.00 min

Lab File: BE094582.D

Acq: 27 Oct 2017 3:12

Tgt Ion:	228	Resp:	85443
Ion Ratio	Lower	Upper	
228	100		
229	22.4	22.8	34.2#
226	27.2	17.0	25.6#





#19

Chrysene

Concen: 3.707 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094582.D

Acq: 27 Oct 2017 3:12

Instrument :

BNA_E

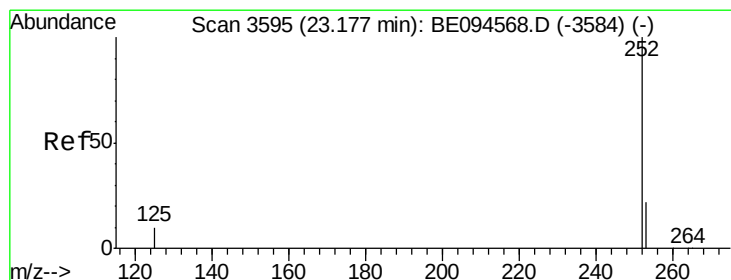
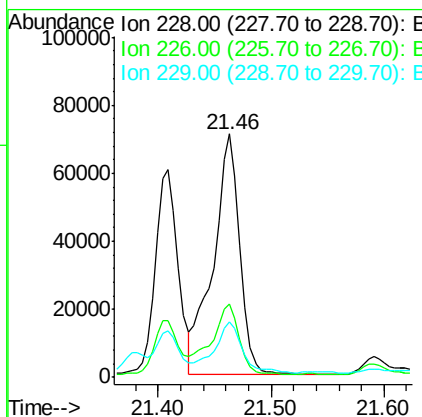
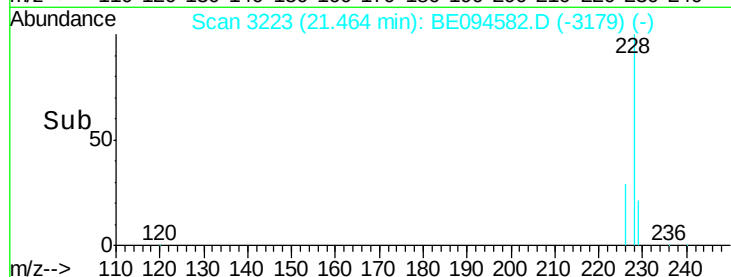
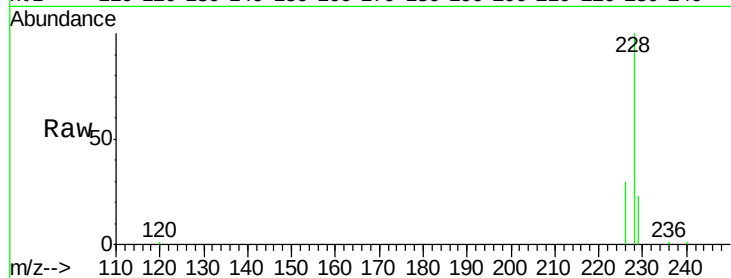
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Tgt	Ion:228	Resp:	116081
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	22.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 5.862 ng/ul m

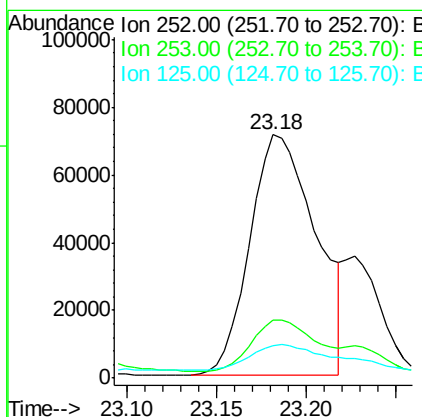
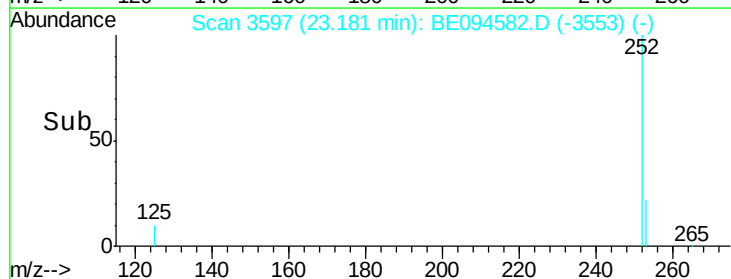
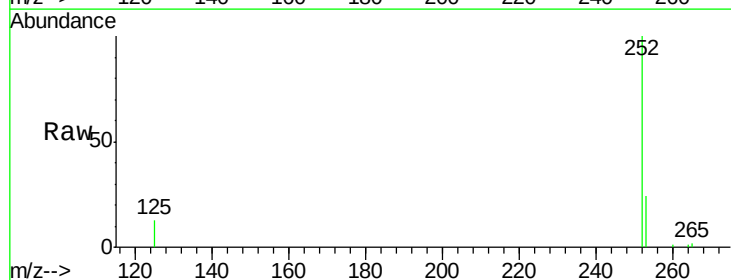
RT: 23.18 min Scan# 3597

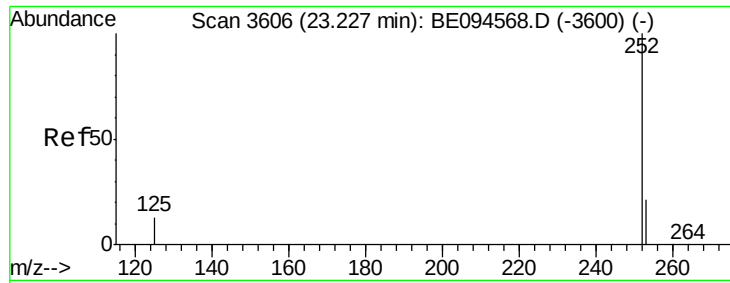
Delta R.T. 0.00 min

Lab File: BE094582.D

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Tgt	Ion:252	Resp:	183635
Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	64.2
125	13.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.519 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.00 min

Lab File: BE094582.D

Acq: 27 Oct 2017 3:12

Instrument :

BNA_E

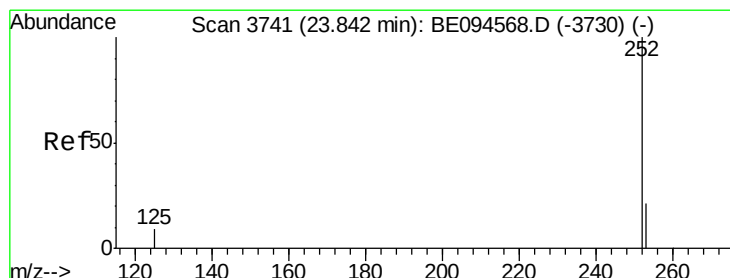
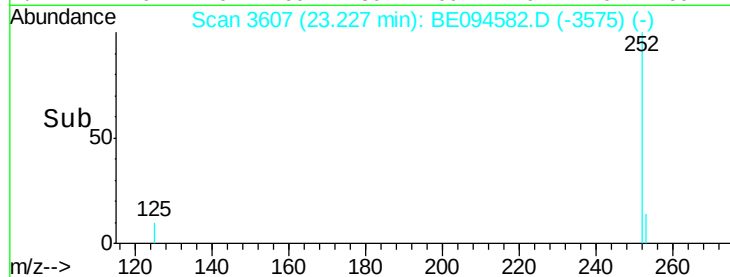
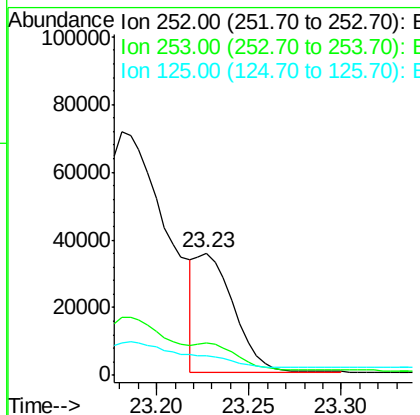
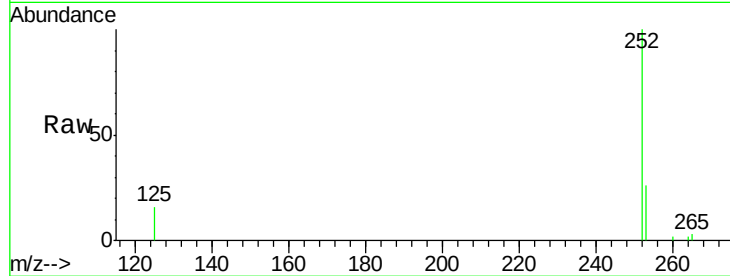
ClientSampleId :

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Tgt Ion:	252	Resp:	50988
Ion Ratio	Lower	Upper	
252	100		
253	26.1	24.5	36.7
125	16.4	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 2.558 ng/ul

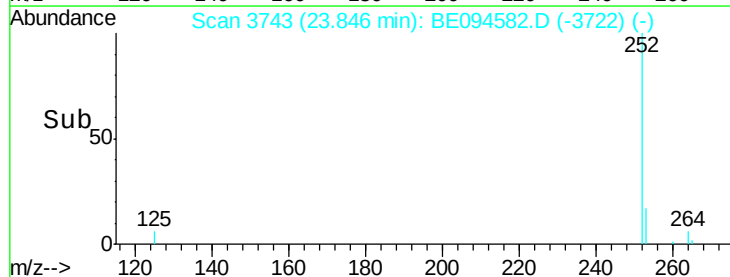
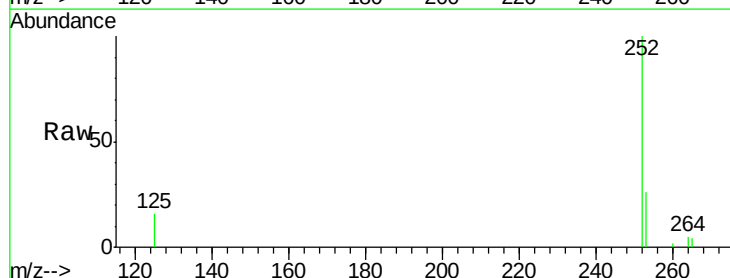
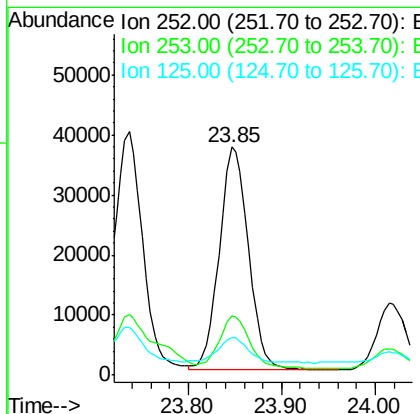
RT: 23.85 min Scan# 3743

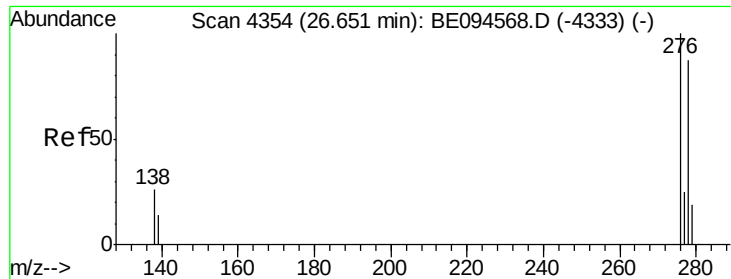
Delta R.T. -0.00 min

Lab File: BE094582.D

Acq: 27 Oct 2017 3:12

Tgt Ion:	252	Resp:	80090
Ion Ratio	Lower	Upper	
252	100		
253	26.1	28.5	42.7#
125	16.4	18.1	27.1#





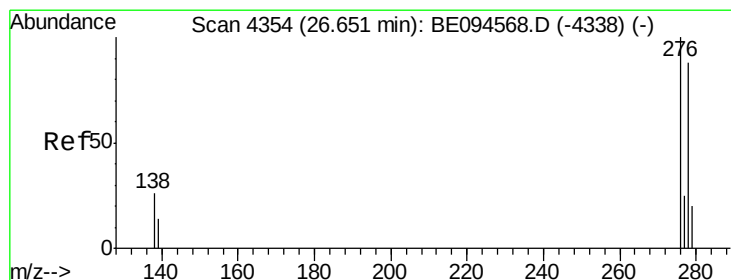
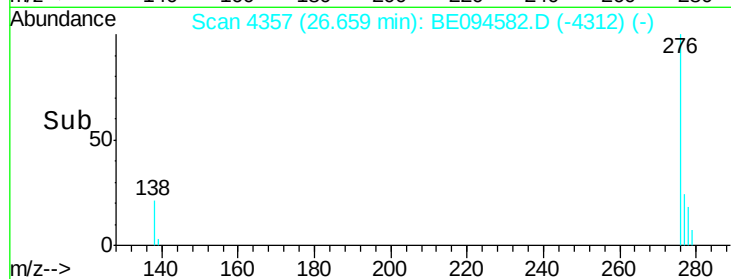
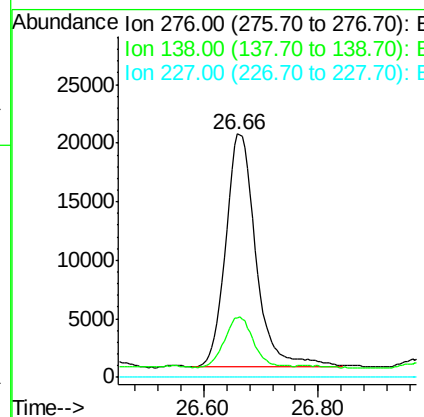
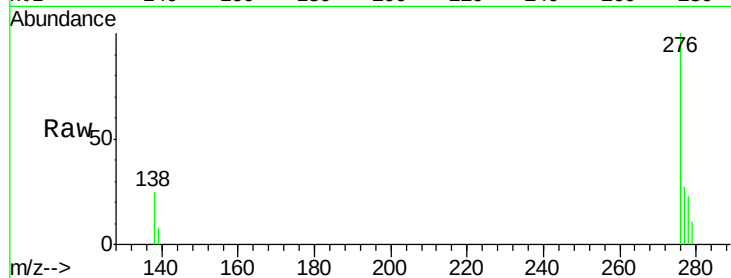
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.293 ng/ul
 RT: 26.66 min Scan# 4357
 Delta R.T. 0.00 min
 Lab File: BE094582.D
 Acq: 27 Oct 2017 3:12

Instrument :
 BNA_E
 ClientSampleId :
 B-18(0-1)_101217

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	28.0	42.0#
227	0.0	8.0	12.0#

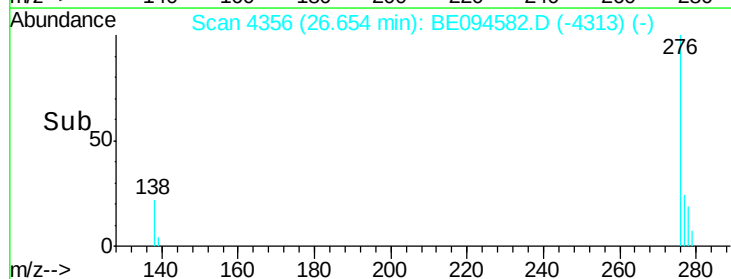
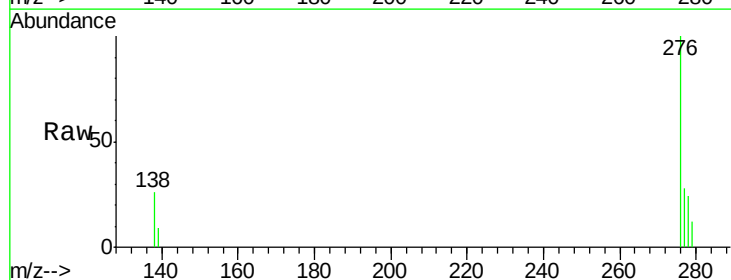
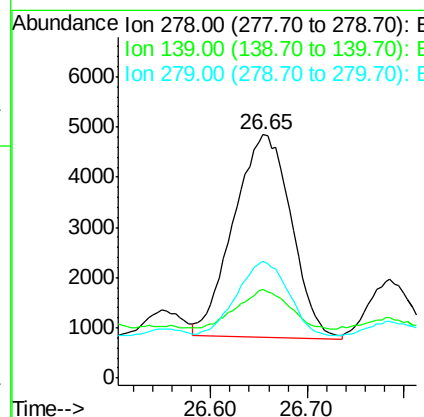
Manual Integrations
 APPROVED

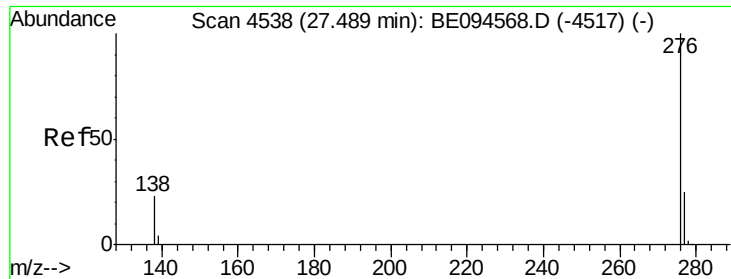
Sohil
 10/27/2017 5:35:54 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.615 ng/ul
 RT: 26.65 min Scan# 4356
 Delta R.T. -0.00 min
 Lab File: BE094582.D
 Acq: 27 Oct 2017 3:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.4	17.4	26.0#
279	48.3	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 2.137 ng/ul

RT: 27.50 min Scan# 4542

Delta R.T. 0.00 min

Lab File: BE094582.D

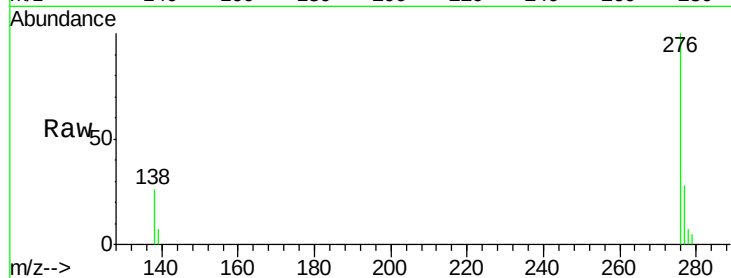
Acq: 27 Oct 2017 3:12

Instrument :

BNA_E

ClientSampleId :

B-18(0-1)_101217



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	26.2	21.8	32.8	
277	28.1	20.5	30.7	

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:54 PM

