

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094580.D
 Acq On : 27 Oct 2017 1:58
 Operator : SJ/JU
 Sample : I5719-13 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-27(0.5-1.5)-100517

Manual Integrations
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Quant Time: Oct 27 09:34:15 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	1402	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7996	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	4505	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10318	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10012	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10646	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	420	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1042	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	5041	0.258	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	2618	0.191	ng/ul	97
7) Acenaphthylene	14.24	152	638	0.031	ng/ul#	71
8) Acenaphthene	14.58	153	1016	0.069	ng/ul	95
9) Fluorene	15.57	166	2010	0.122	ng/ul	93
12) Phenanthrene	17.29	178	20824	0.764	ng/ul#	89
13) Anthracene	17.38	178	6085	0.226	ng/ul#	91
15) Fluoranthene	19.31	202	39288	1.247	ng/ul	83
17) Pyrene	19.67	202	39352	1.271	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	26341	0.920	ng/ul#	90
19) Chrysene	21.46	228	28759	0.972	ng/ul	92
21) Benzo(b)fluoranthene	23.18	252	37611m	1.256	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	10391m	0.324	ng/ul	
23) Benzo(a)pyrene	23.85	252	25284	0.845	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.66	276	15575	0.503	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.65	278	4211	0.161	ng/ul#	30
26) Benzo(g,h,i)perylene	27.49	276	13937	0.560	ng/ul#	81

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

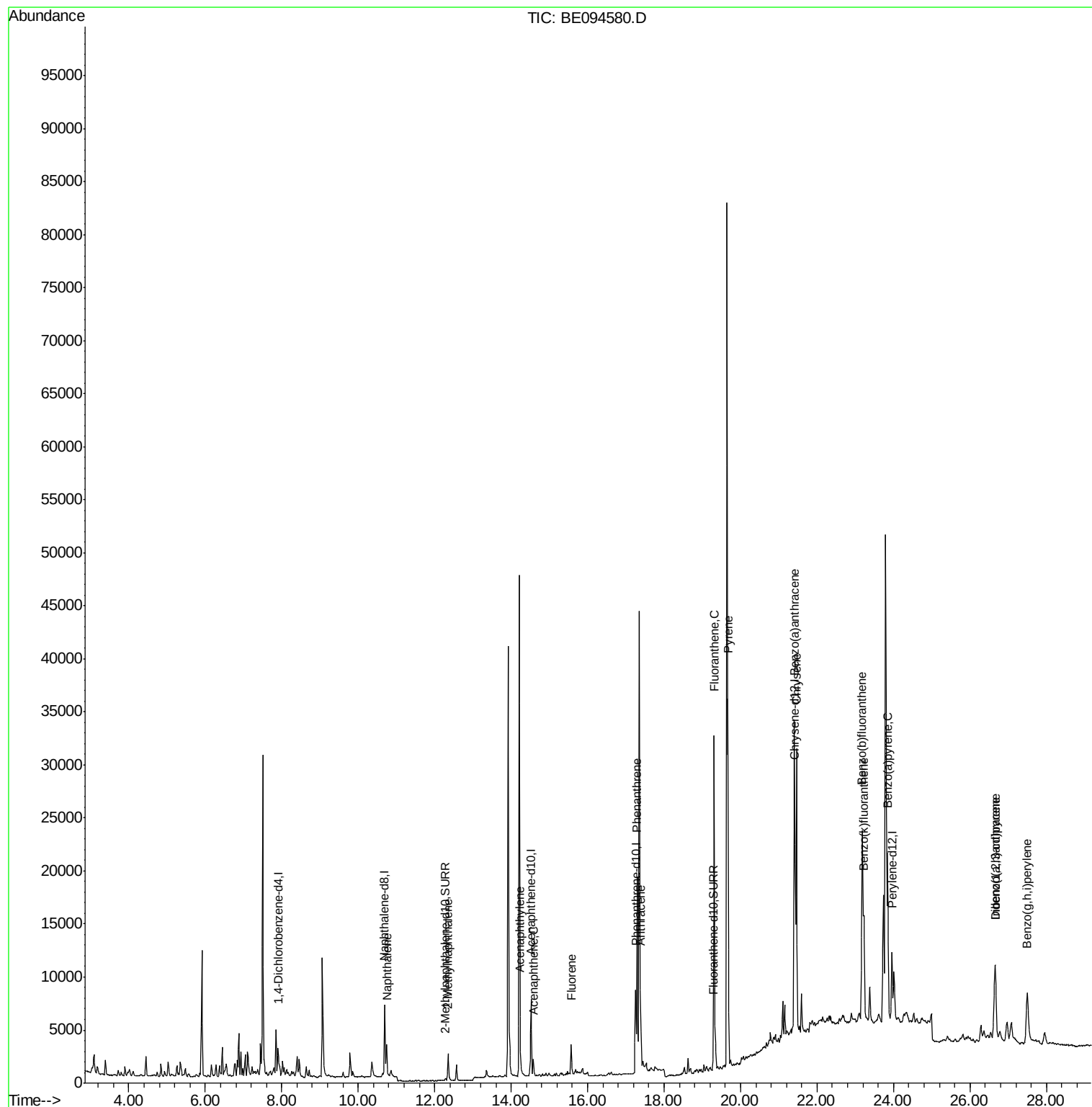
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
Data File : BE094580.D
Acq On : 27 Oct 2017 1:58
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Sample : I5719-13 5X
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ALS Vial : 24 Sample Multiplier: 1

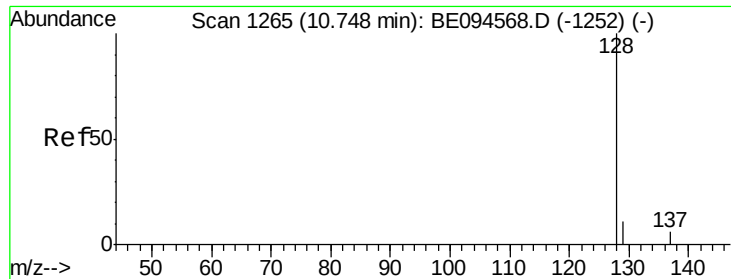
Instrument :
BNA_E
ClientSampleId :
B-27(0.5-1.5)-100517

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 04:05:19 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.258 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094580.D

Acq: 27 Oct 2017 1:58

Instrument :

BNA_E

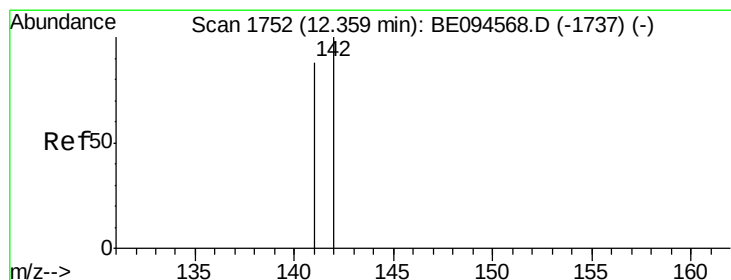
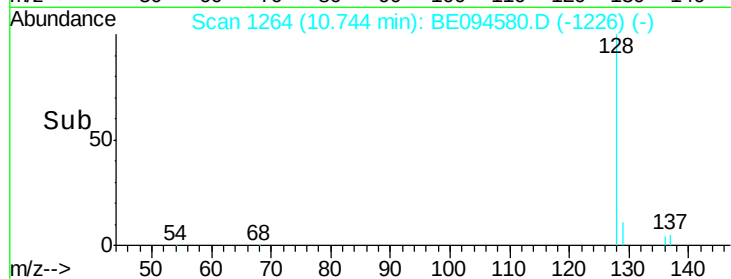
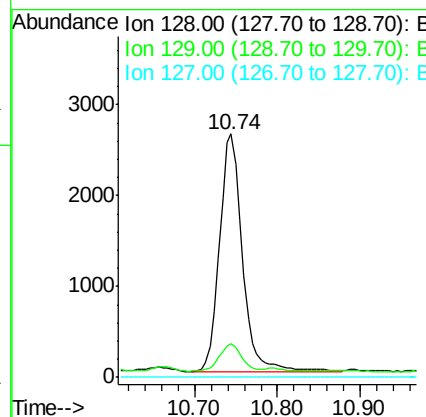
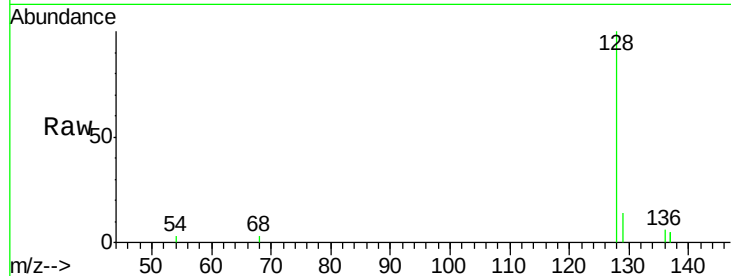
ClientSampleId :

B-27(0.5-1.5)-100517

Tgt Ion:	128	Resp:	5041
Ion Ratio	Lower	Upper	
128	100		
129	13.7	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.191 ng/ul

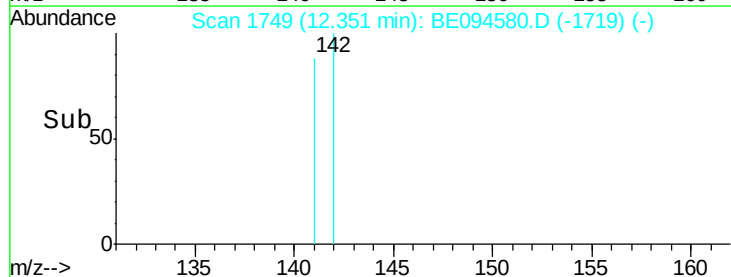
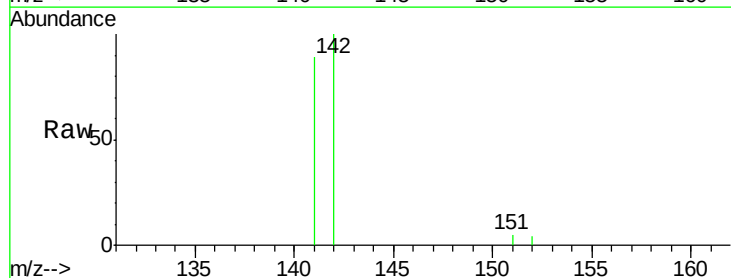
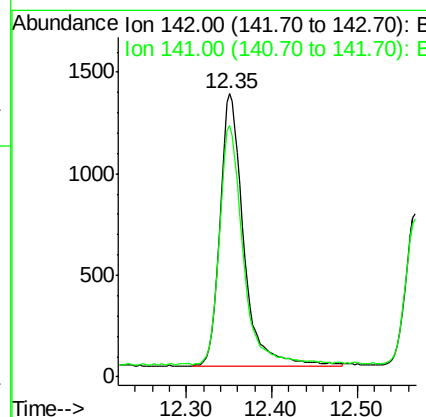
RT: 12.35 min Scan# 1749

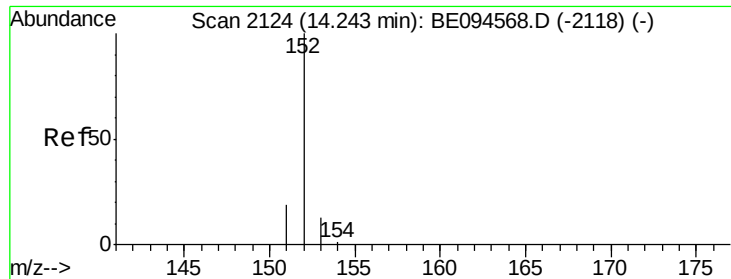
Delta R.T. -0.01 min

Lab File: BE094580.D

Acq: 27 Oct 2017 1:58

Tgt Ion:	142	Resp:	2618
Ion Ratio	Lower	Upper	
142	100		
141	87.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094580.D

Acq: 27 Oct 2017 1:58

Instrument :

BNA_E

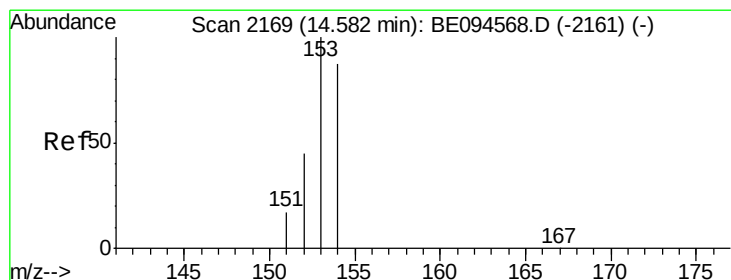
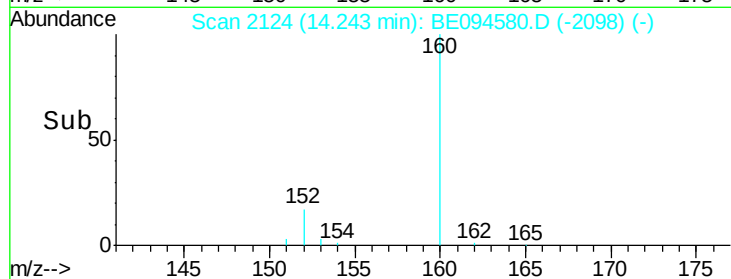
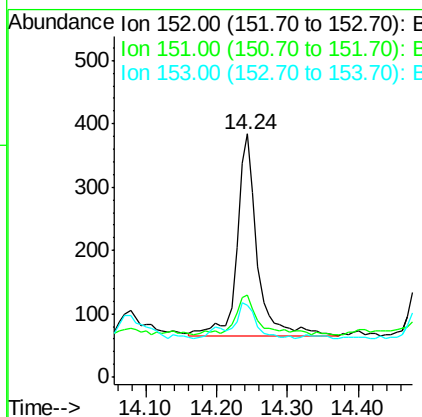
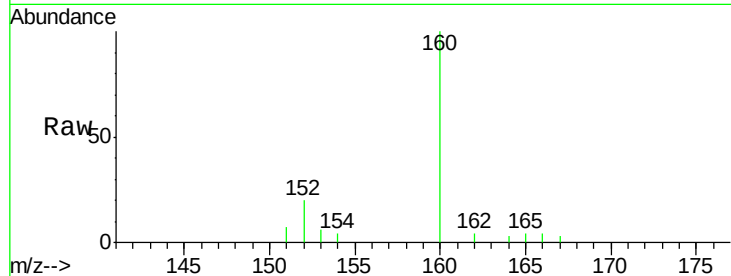
ClientSampleId :

B-27(0.5-1.5)-100517

Tgt Ion	Ratio	Lower	Upper
152	100		
151	33.6	17.1	25.7#
153	29.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.069 ng/ul

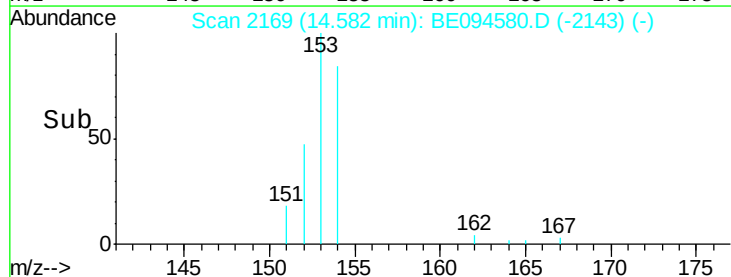
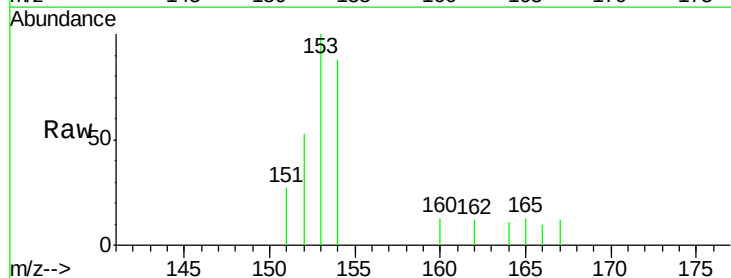
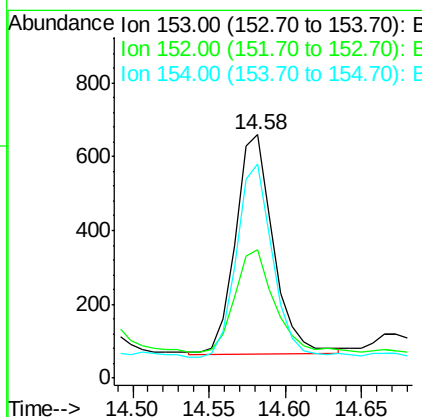
RT: 14.58 min Scan# 2169

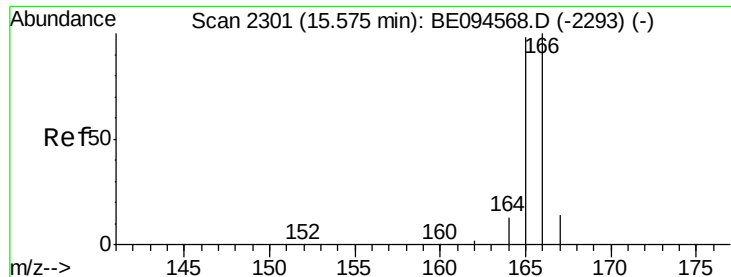
Delta R.T. -0.01 min

Lab File: BE094580.D

Acq: 27 Oct 2017 1:58

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.9	36.0	54.0
154	88.0	72.0	108.0





#9

Fluorene

Concen: 0.122 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094580.D

Acq: 27 Oct 2017 1:58

Instrument :

BNA_E

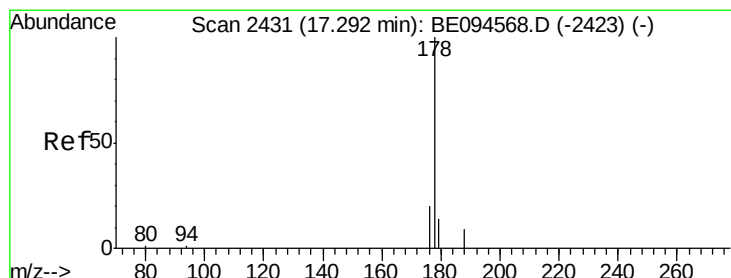
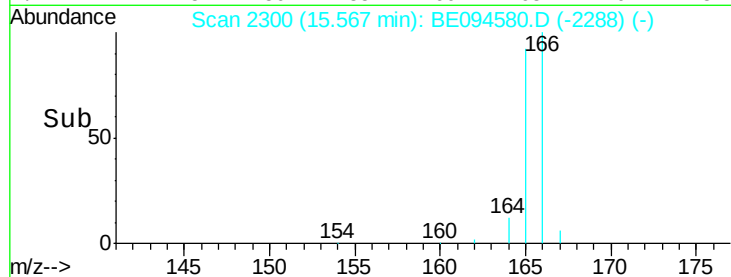
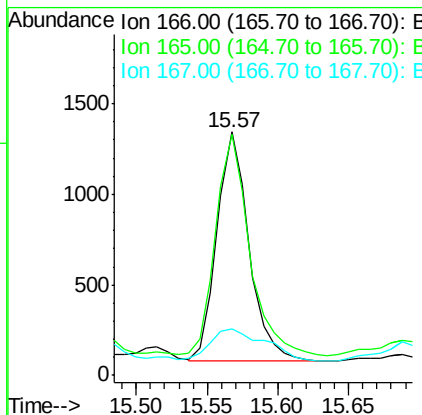
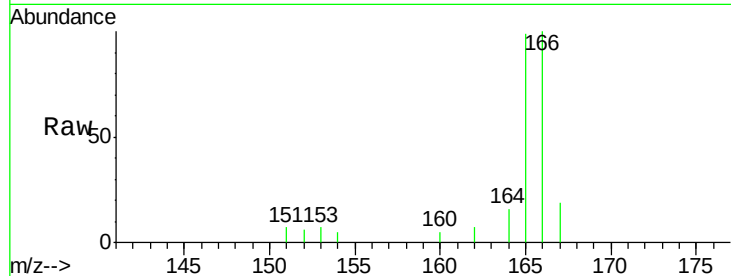
ClientSampleId :

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Tgt Ion:	166	Resp:	2010
Ion Ratio	Lower	Upper	
166	100		
165	99.3	73.4	110.2
167	19.1	14.6	22.0

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#12

Phenanthrene

Concen: 0.764 ng/ul

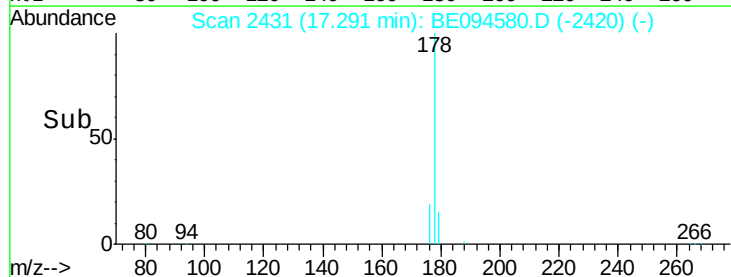
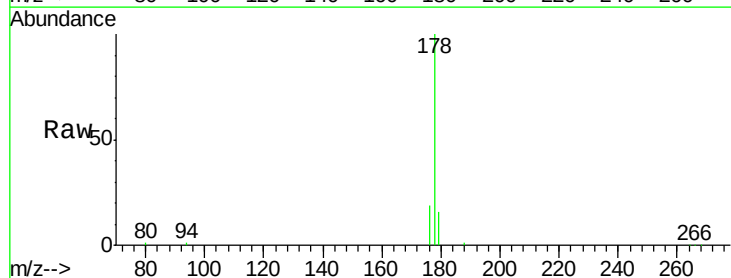
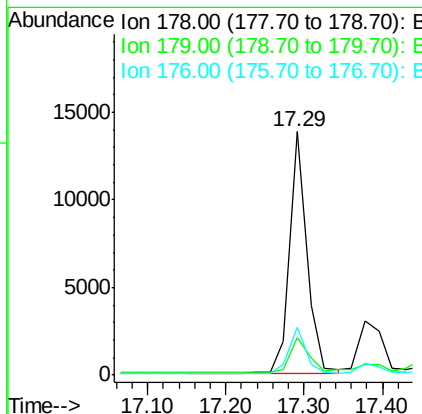
RT: 17.29 min Scan# 2431

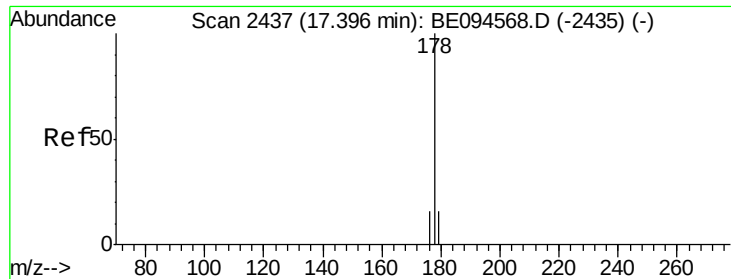
Delta R.T. -0.02 min

Lab File: BE094580.D

Acq: 27 Oct 2017 1:58

Tgt Ion:	178	Resp:	20824
Ion Ratio	Lower	Upper	
178	100		
179	15.6	18.4	27.6#
176	19.4	13.6	20.4





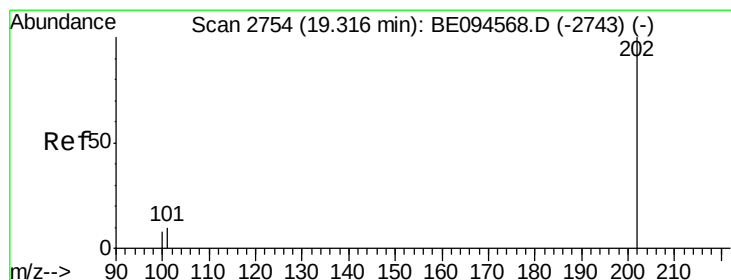
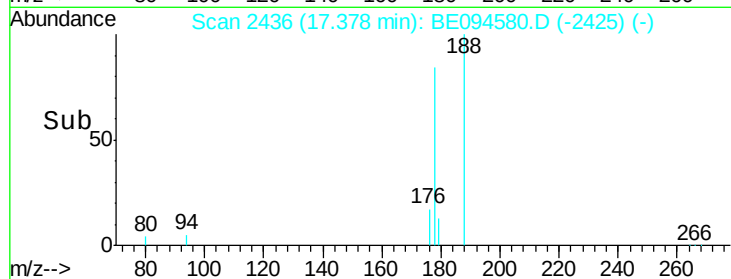
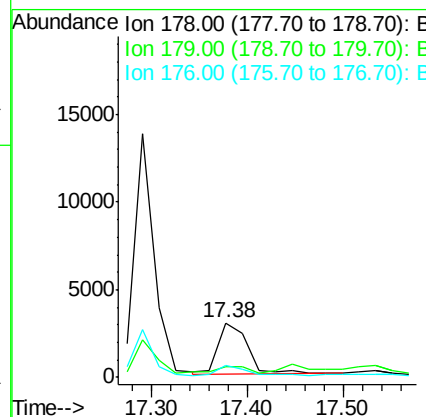
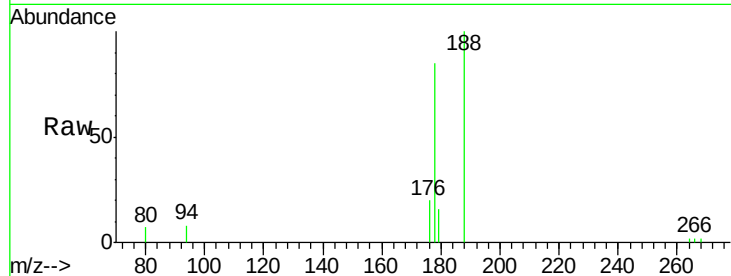
#13
 Anthracene
 Concen: 0.226 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094580.D
 Acq: 27 Oct 2017 1:58

Instrument :
 BNA_E
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.2	18.1	27.1
176	23.0	14.7	22.1

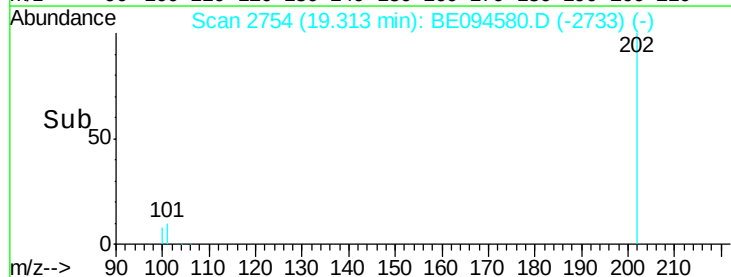
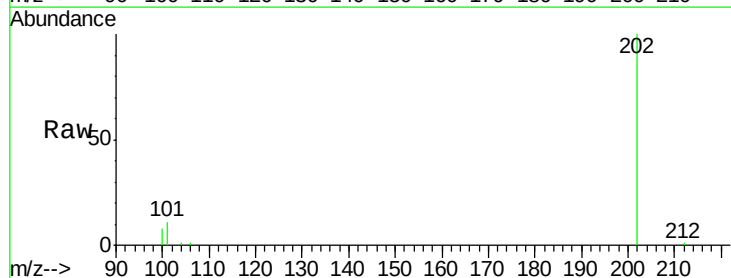
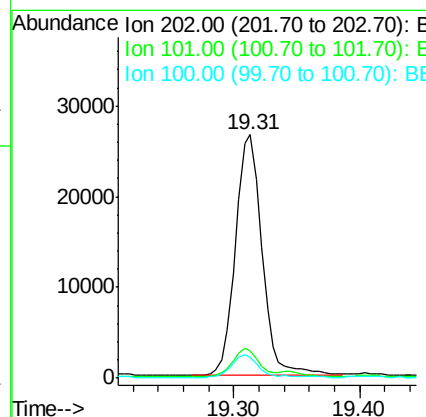
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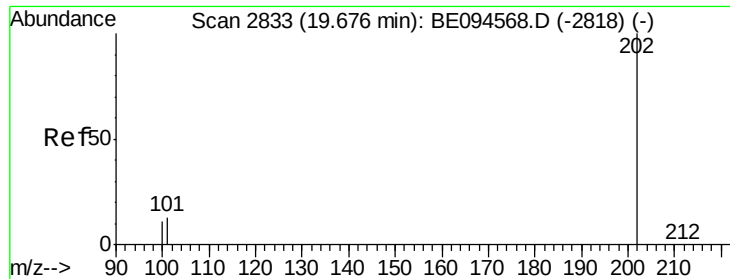
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#15
 Fluoranthene
 Concen: 1.247 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. -0.00 min
 Lab File: BE094580.D
 Acq: 27 Oct 2017 1:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
100	8.5	0.0	39.5





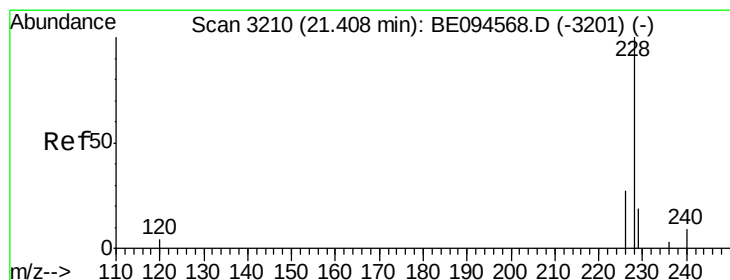
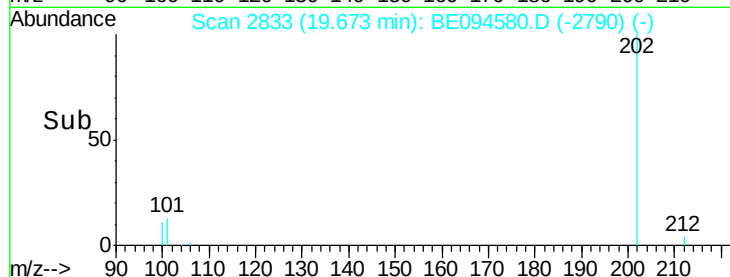
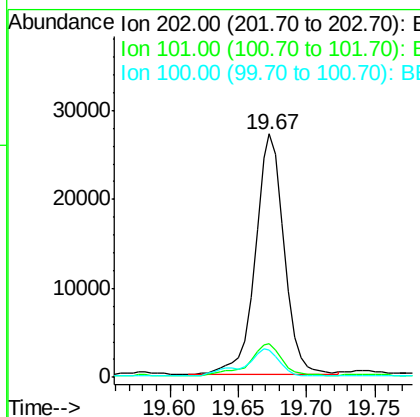
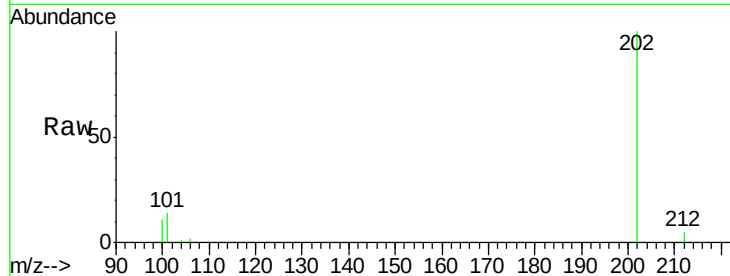
#17
Pyrene
 Concen: 1.271 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.00 min
 Lab File: BE094580.D
 Acq: 27 Oct 2017 1:58

Instrument :
 BNA_E
 ClientSampleId :
 B-27(0.5-1.5)-100517

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	18.2	27.4#
100	11.4	15.6	23.4#

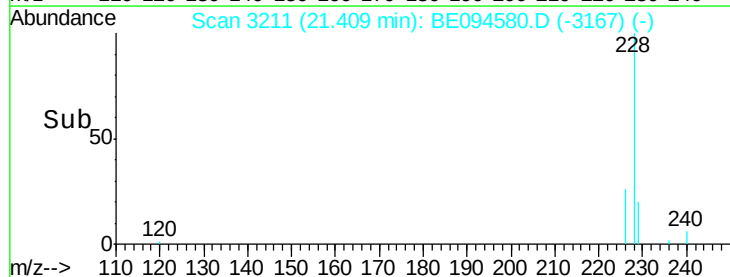
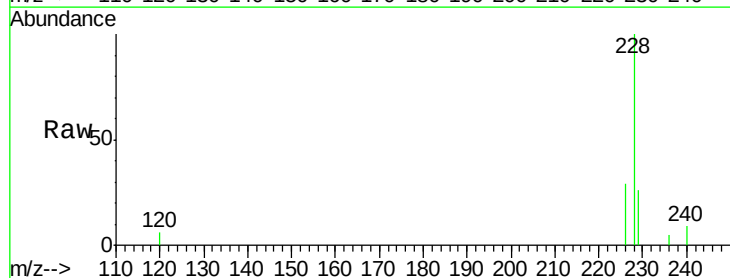
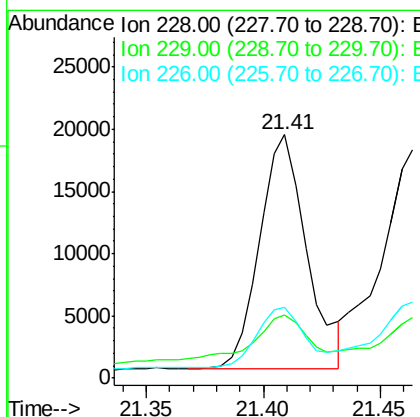
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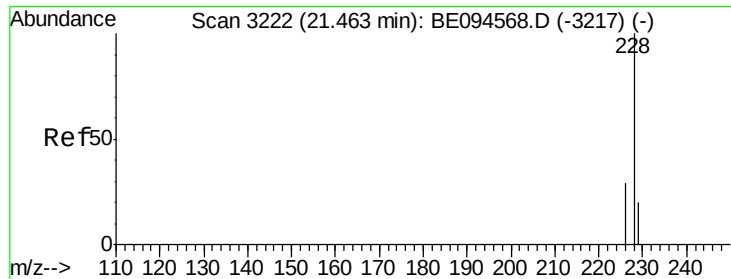
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#18
Benzo(a)anthracene
 Concen: 0.920 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BE094580.D
 Acq: 27 Oct 2017 1:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	26.1	22.8	34.2
226	29.3	17.0	25.6#





#19

Chrysene

Concen: 0.972 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094580.D

Acq: 27 Oct 2017 1:58

Instrument :

BNA_E

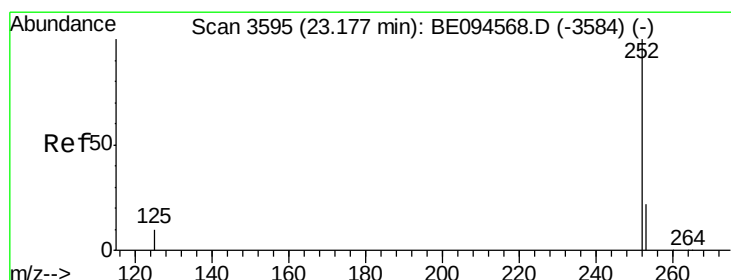
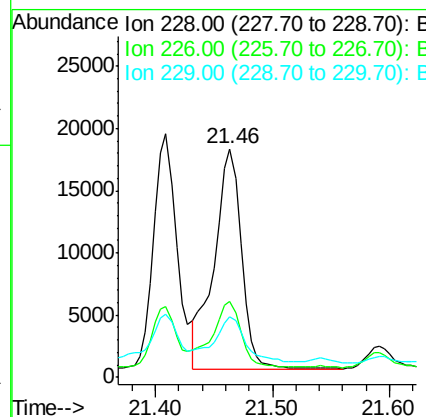
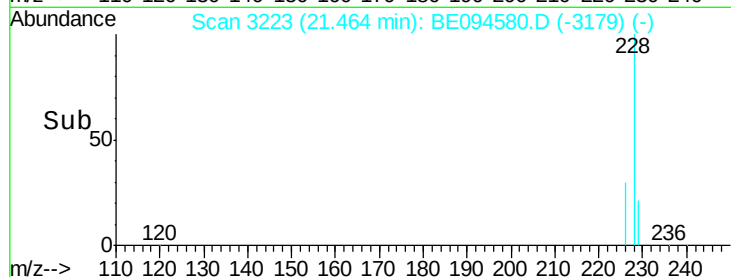
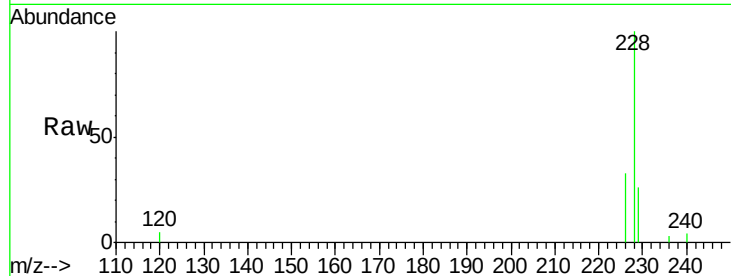
ClientSampleId :

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Tgt Ion:	228	Resp:	28759
Ion Ratio	Lower	Upper	
228	100		
226	33.0	23.4	35.0
229	26.4	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.256 ng/ul m

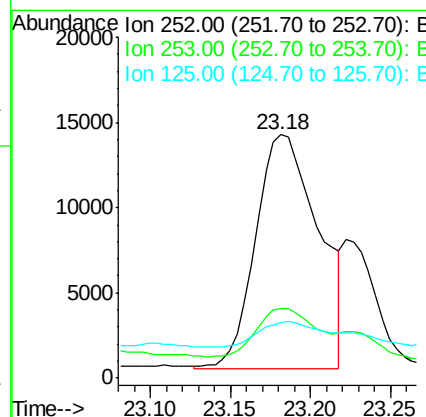
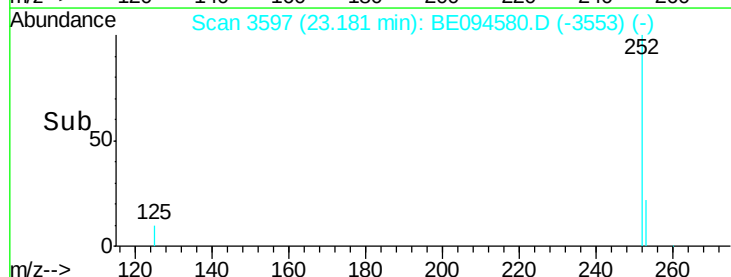
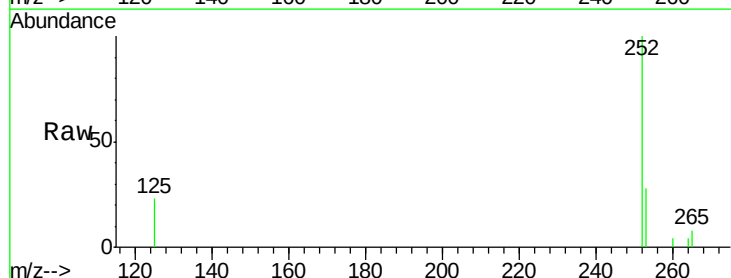
RT: 23.18 min Scan# 3597

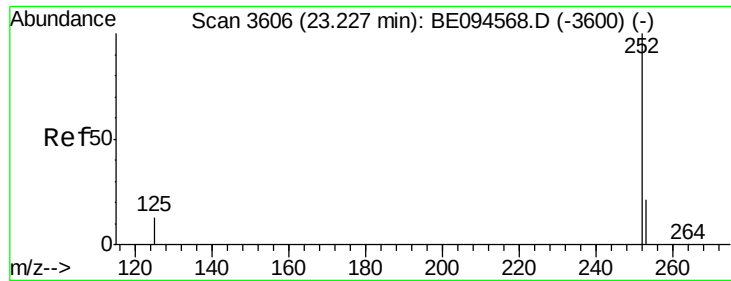
Delta R.T. 0.00 min

Lab File: BE094580.D

Acq: 27 Oct 2017 1:58

Tgt Ion:	252	Resp:	37611
Ion Ratio	Lower	Upper	
252	100		
253	28.3	0.0	64.2
125	22.9	0.0	35.0





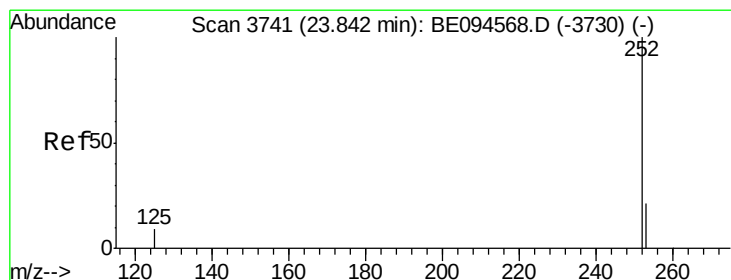
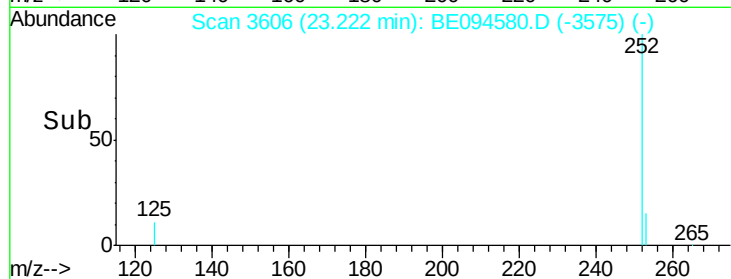
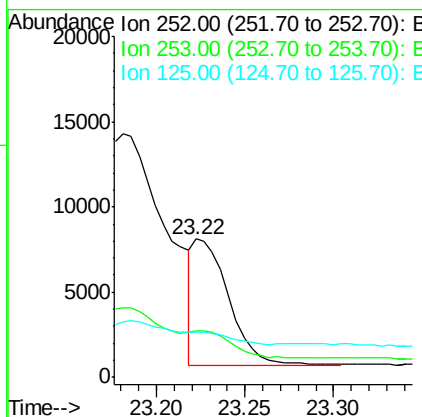
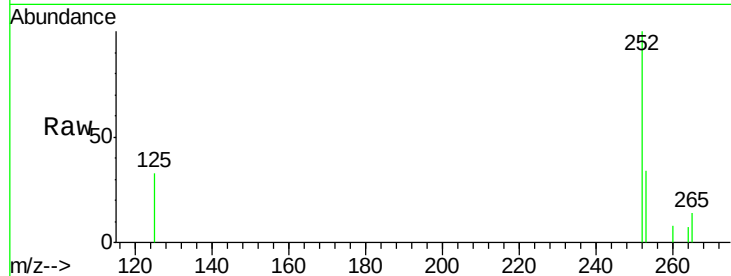
#22
Benzo(k)fluoranthene
Concen: 0.324 ng/ul m
RT: 23.22 min Scan# 3606
Delta R.T. -0.01 min
Lab File: BE094580.D
Acq: 27 Oct 2017 1:58

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.6	24.5	36.7
125	32.8	13.7	20.5

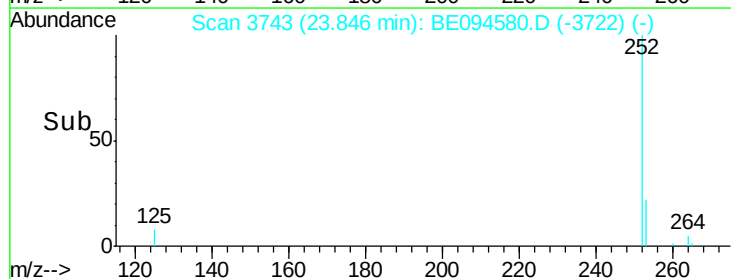
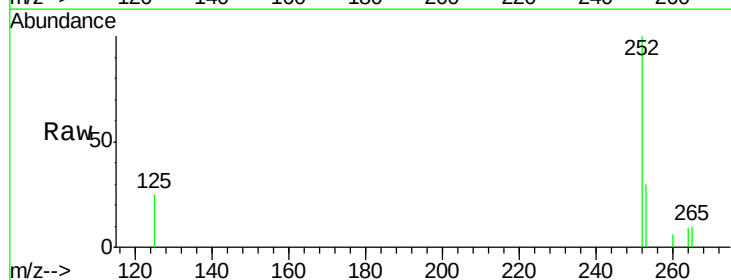
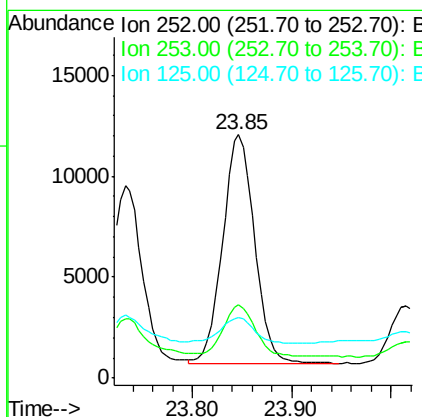
Manual Integrations
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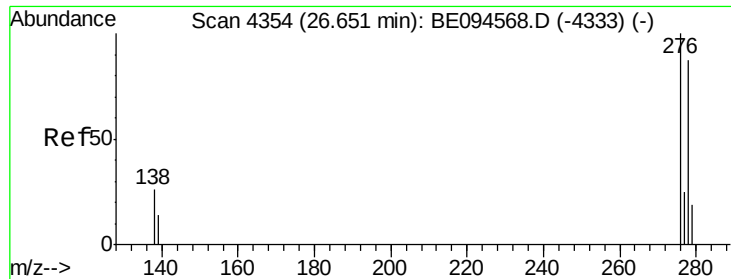
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#23
Benzo(a)pyrene
Concen: 0.845 ng/ul
RT: 23.85 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BE094580.D
Acq: 27 Oct 2017 1:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.2	28.5	42.7
125	24.8	18.1	27.1





#24

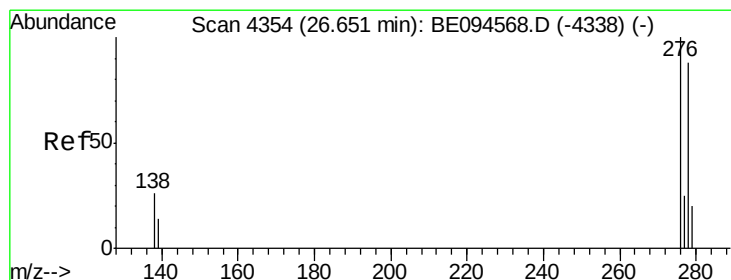
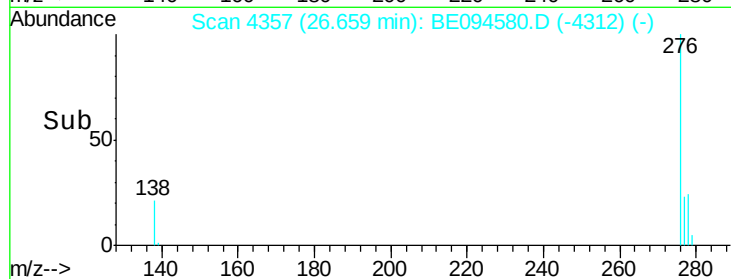
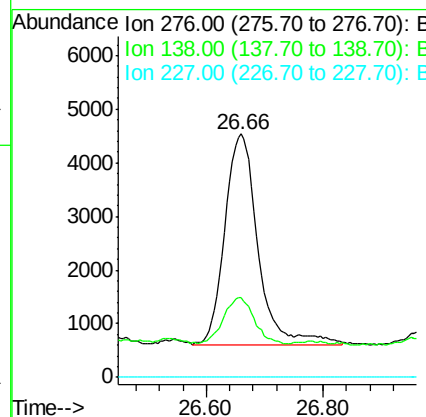
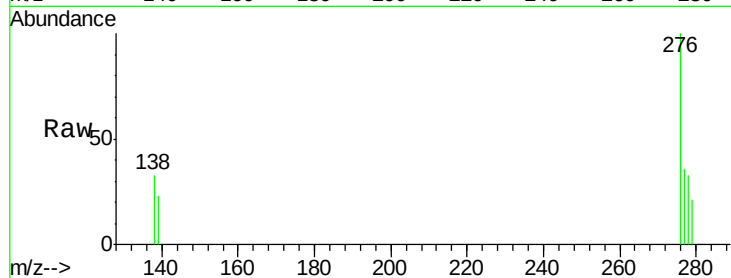
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. 0.00 min
Lab File: BE094580.D
Acq: 27 Oct 2017 1:58

Instrument :
BNA_E
ClientSampleId :
B-27(0.5-1.5)-100517

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

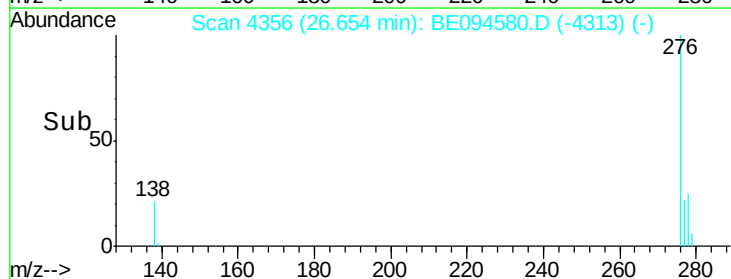
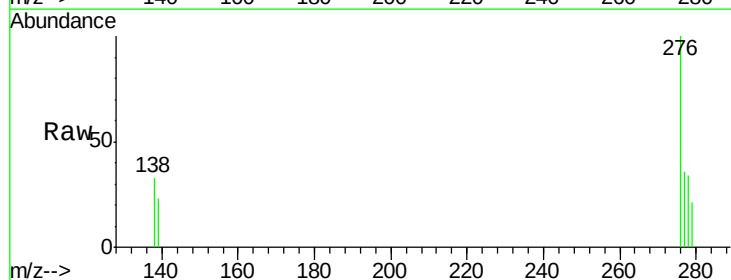
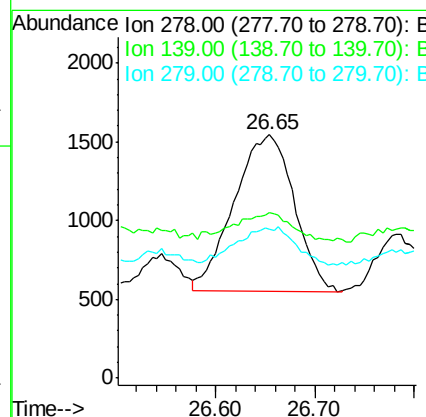
Sohil
10/27/2017 5:35:51 PM

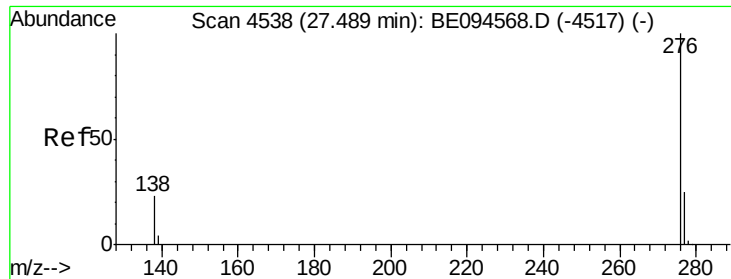


#25

Dibenzo(a,h)anthracene
Concen: 0.161 ng/ul
RT: 26.65 min Scan# 4356
Delta R.T. -0.00 min
Lab File: BE094580.D
Acq: 27 Oct 2017 1:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	68.0	17.4	26.0#
279	61.3	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.560 ng/ul

RT: 27.49 min Scan# 4540

Delta R.T. -0.00 min

Lab File: BE094580.D

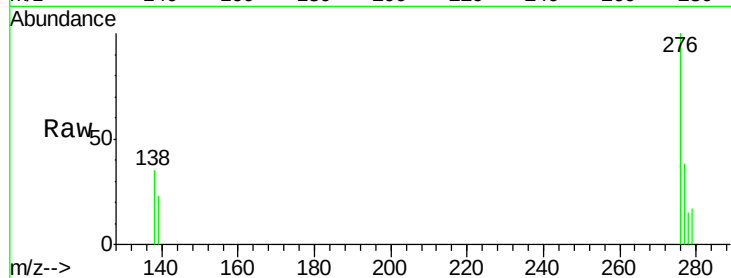
Acq: 27 Oct 2017 1:58

Instrument :

BNA_E

ClientSampleId :

B-27(0.5-1.5)-100517



Tgt Ion: 276 Resp: 13937

Ion Ratio Lower Upper

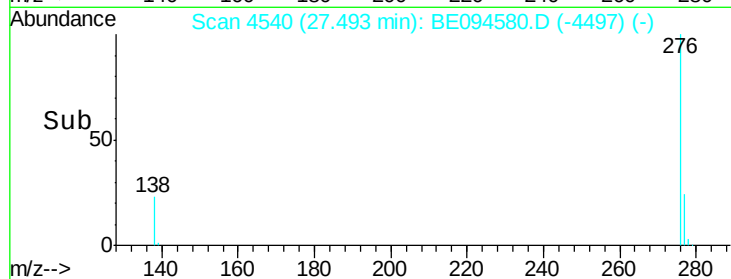
276 100

138 34.8 21.8 32.8#

277 37.7 20.5 30.7#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:35:51 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

