

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094287.D
 Acq On : 11 Oct 2017 19:51
 Operator : SJ/JU
 Sample : I5490-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-43(5-7)-092617DL

Manual Integrations
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 10/13/2017 12:05:41 PM

Quant Time: Oct 12 08:33:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 07:31:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	3027	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9729	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5629	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11049	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11061	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	11114	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	938	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1810	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	97634	4.097	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	14308	0.926	ng/ul	98
7) Acenaphthylene	14.24	152	7882	0.359	ng/ul#	94
8) Acenaphthene	14.58	153	13343	0.739	ng/ul	98
9) Fluorene	15.57	166	21416	1.012	ng/ul	95
12) Phenanthrene	17.29	178	248621	8.611	ng/ul#	90
13) Anthracene	17.38	178	65091	2.318	ng/ul#	91
15) Fluoranthene	19.31	202	429645	11.325	ng/ul	84
17) Pyrene	19.67	202	429920	13.970	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	245231	8.357	ng/ul#	89
19) Chrysene	21.45	228	232806	6.870	ng/ul	99
21) Benzo(b)fluoranthene	23.16	252	295408m	9.785	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	94992m	2.722	ng/ul	
23) Benzo(a)pyrene	23.82	252	215665	6.874	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.60	276	140583	4.380	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.60	278	38540	1.432	ng/ul#	92
26) Benzo(a,h,i)perylene	27.44	276	129650	4.684	ng/ul	99

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

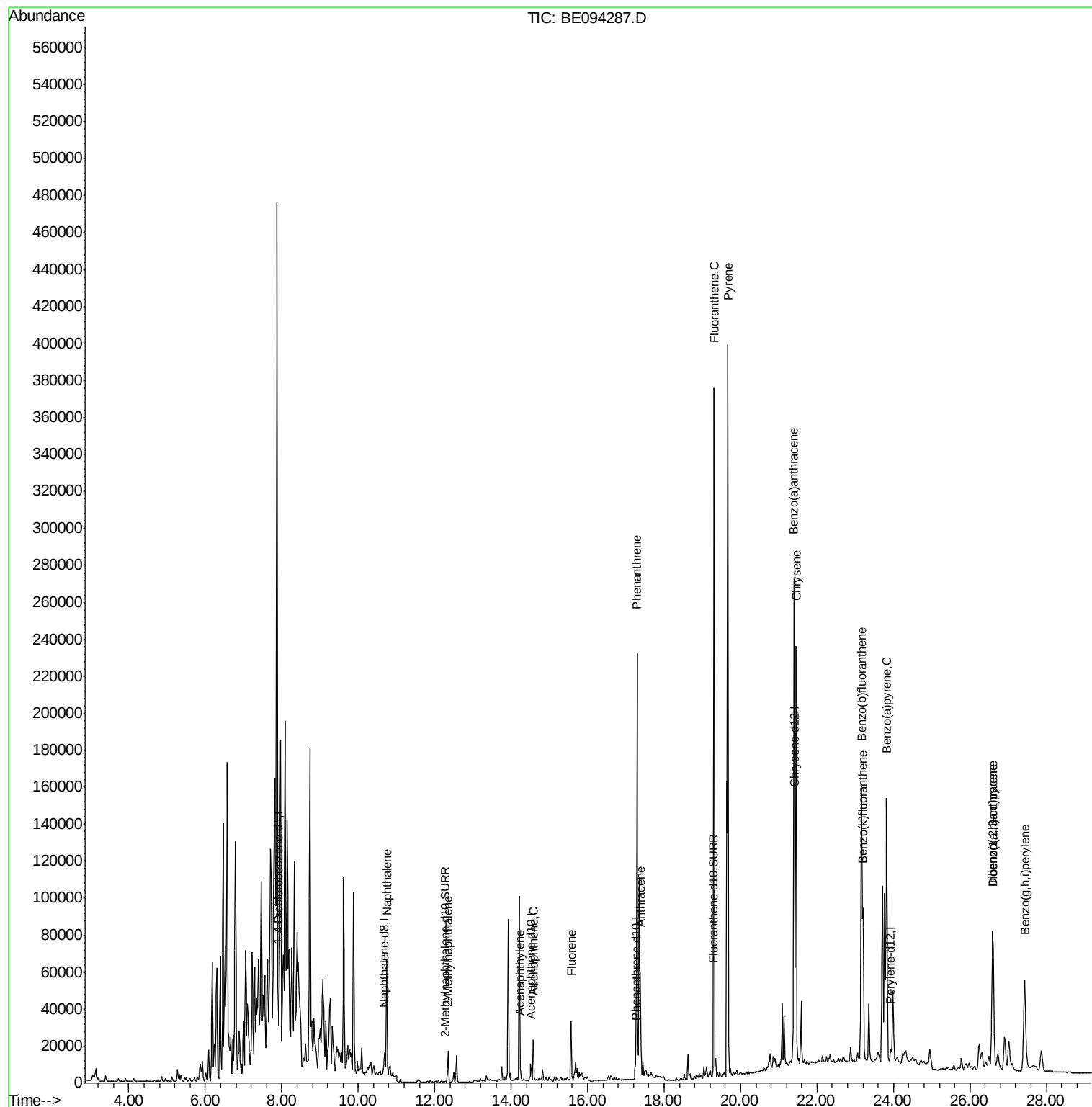
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
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ALS Vial : 11 Sample Multiplier: 1

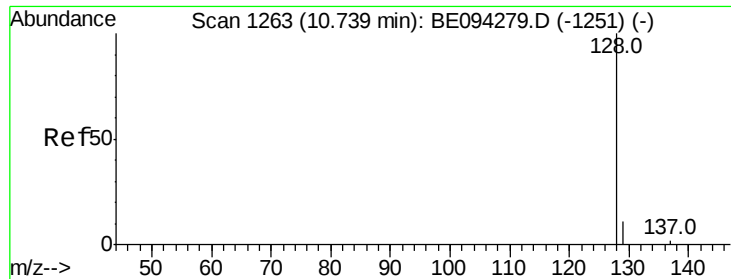
Instrument :
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 4.097 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE094287.D

Acq: 11 Oct 2017 19:51

Instrument :

BNA_E

ClientSampleId :

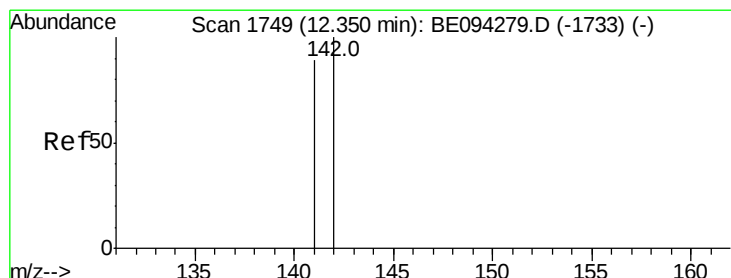
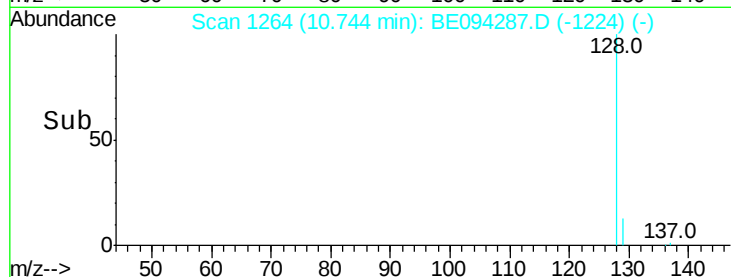
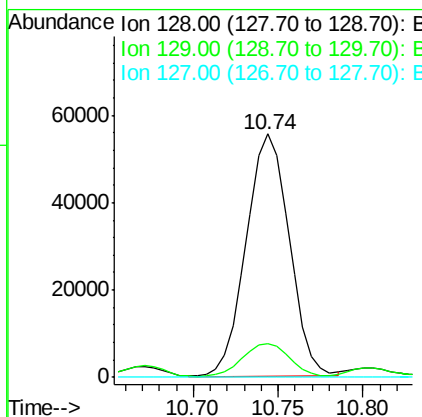
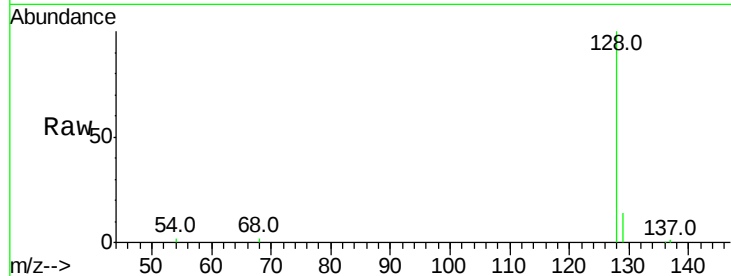
B-43(5-7)-092617DL

Tot Ion:128 Resp: 97634

Ion	Ratio	Lower	Upper
128	100		
129	13.9	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.926 ng/ul

RT: 12.35 min Scan# 1749

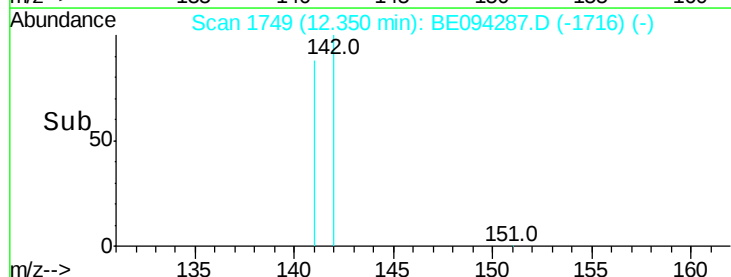
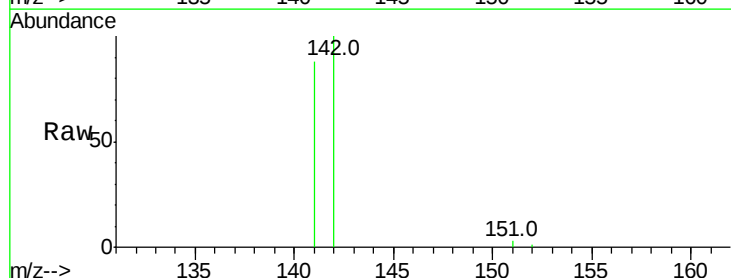
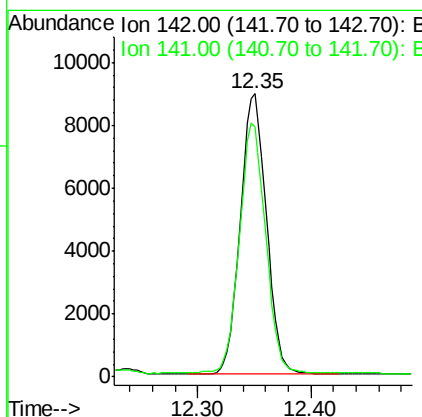
Delta R.T. -0.00 min

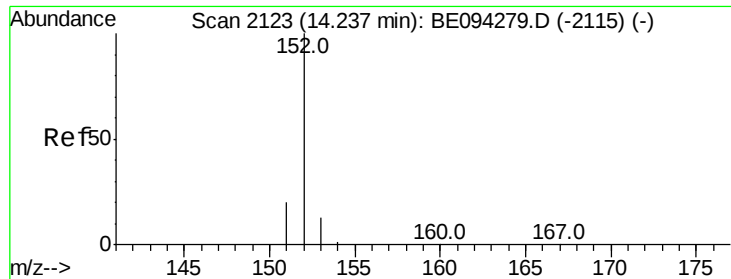
Lab File: BE094287.D

Acq: 11 Oct 2017 19:51

Tgt Ion:142 Resp: 14308

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.359 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE094287.D

Acq: 11 Oct 2017 19:51

Instrument :

BNA_E

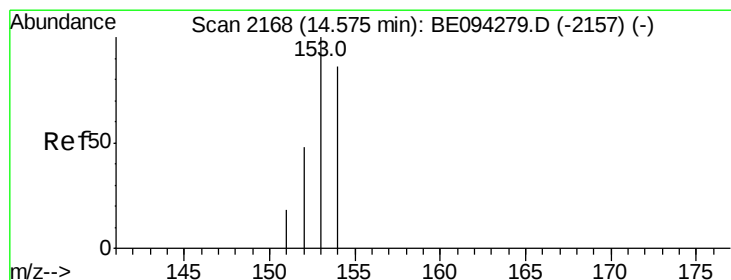
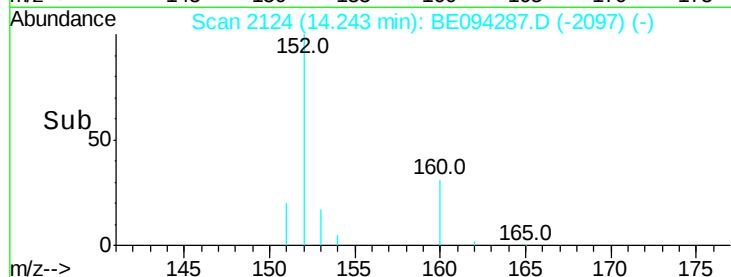
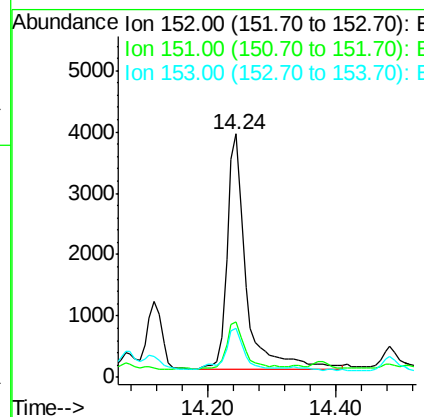
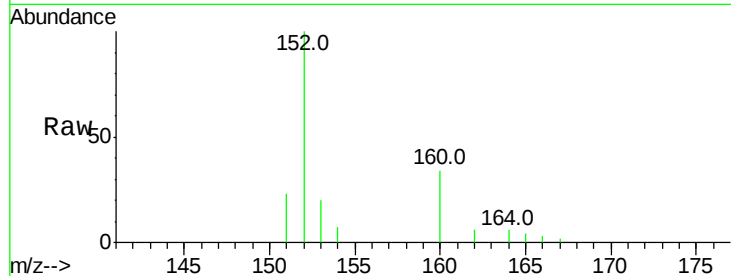
ClientSampleId :

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Tot Ion:	152	Resp:	7882
Ion Ratio	Lower	Upper	
152	100		
151	22.7	17.1	25.7
153	20.1	12.8	19.2#

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#8

Acenaphthene

Concen: 0.739 ng/ul

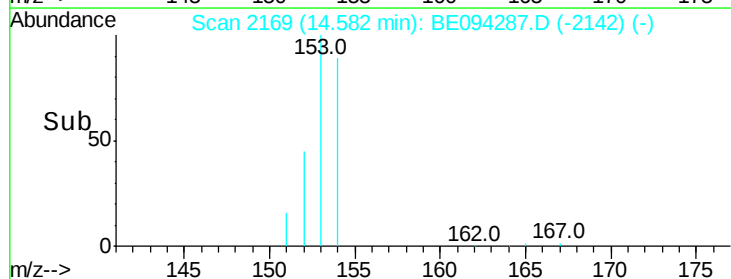
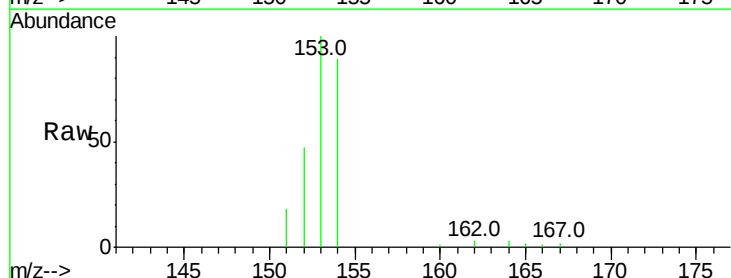
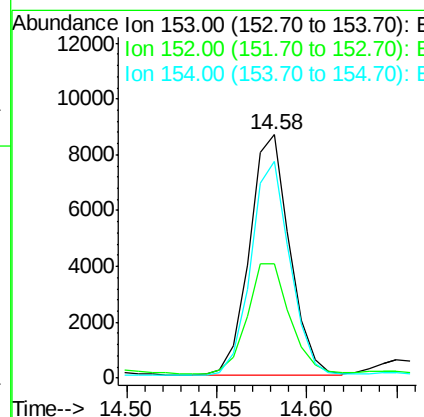
RT: 14.58 min Scan# 2169

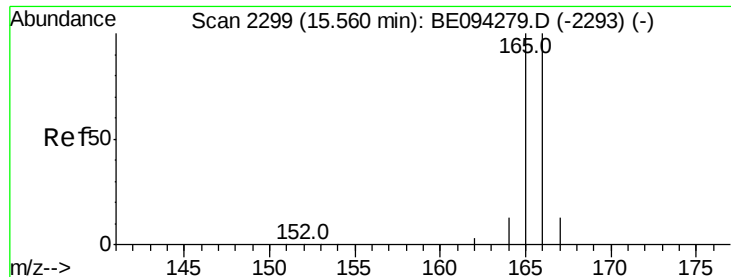
Delta R.T. 0.01 min

Lab File: BE094287.D

Acq: 11 Oct 2017 19:51

Tgt Ion:	153	Resp:	13343
Ion Ratio	Lower	Upper	
153	100		
152	46.8	40.3	60.5
154	89.1	71.4	107.2





#9

Fluorene

Concen: 1.012 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.01 min

Lab File: BE094287.D

Acq: 11 Oct 2017 19:51

Instrument :

BNA_E

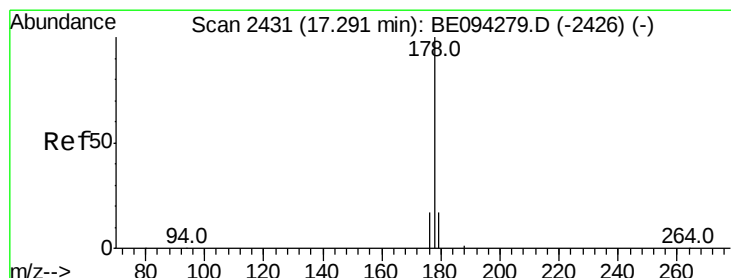
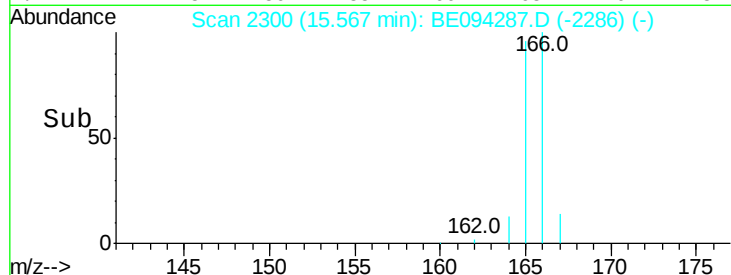
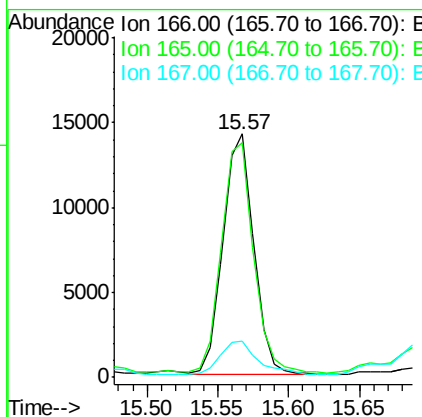
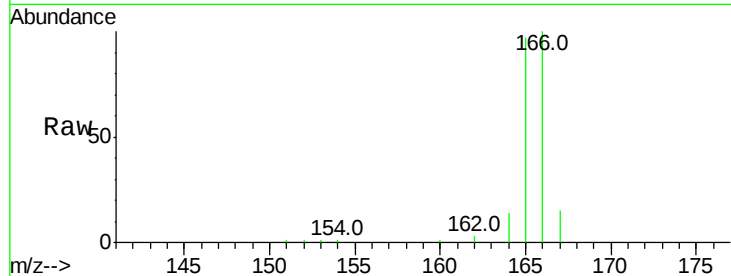
ClientSampleId :

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Tot Ion:	166	Resp:	21416
Ion Ratio	Lower	Upper	
166	100		
165	96.6	73.4	110.2
167	14.8	14.6	22.0

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#12

Phenanthrene

Concen: 8.611 ng/ul

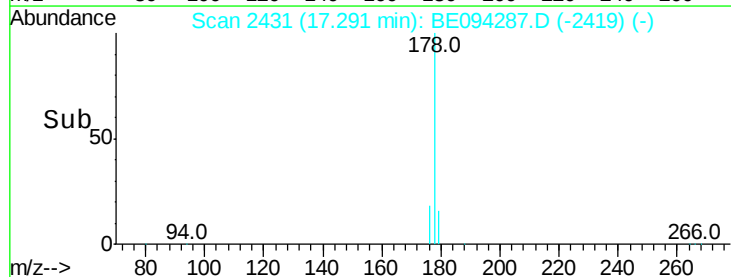
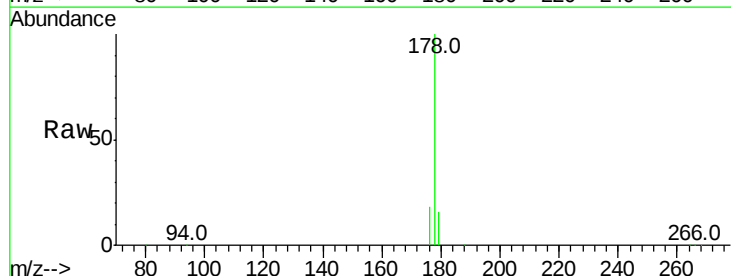
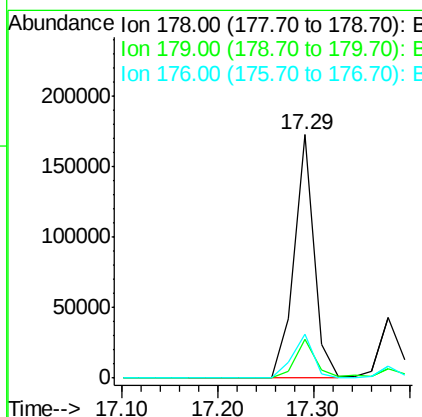
RT: 17.29 min Scan# 2431

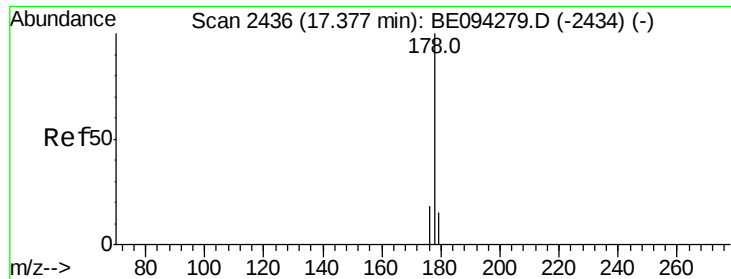
Delta R.T. -0.00 min

Lab File: BE094287.D

Acq: 11 Oct 2017 19:51

Tgt Ion:	178	Resp:	248621
Ion Ratio	Lower	Upper	
178	100		
179	15.8	18.4	27.6#
176	18.3	13.6	20.4





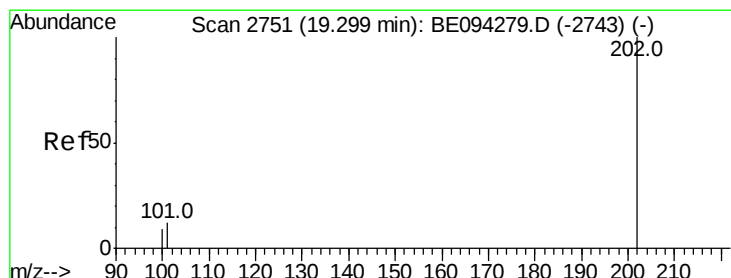
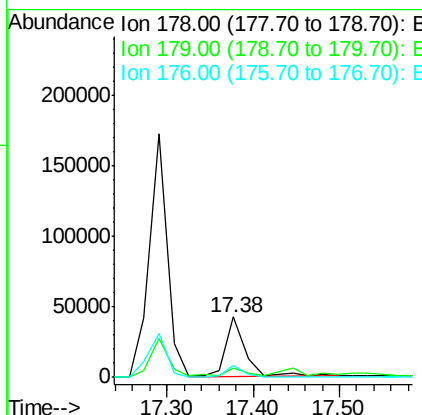
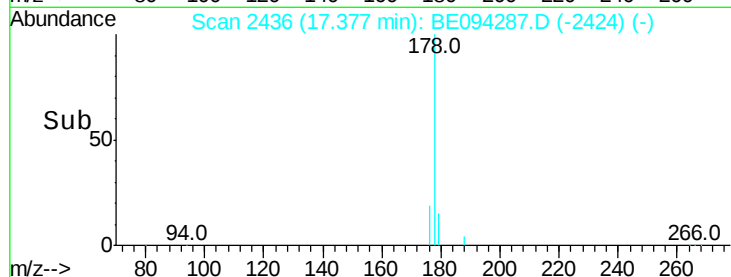
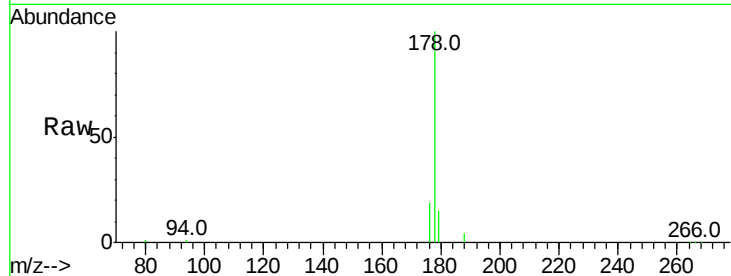
#13
 Anthracene
 Concen: 2.318 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094287.D
 Acq: 11 Oct 2017 19:51

Instrument :
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 ClientSampleId :
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Tot Ion:178 Resp: 65091
 Ion Ratio Lower Upper
 178 100
 179 15.4 18.1 27.1#
 176 19.4 14.7 22.1

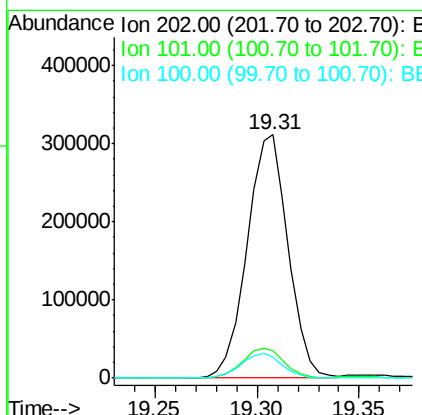
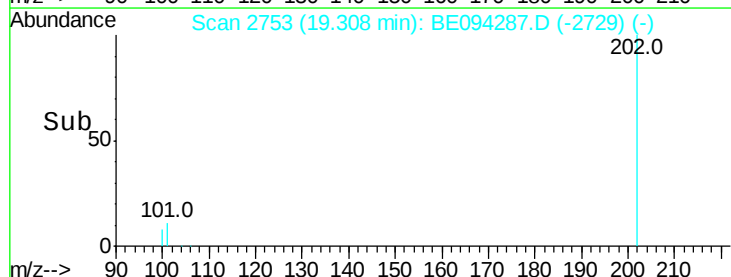
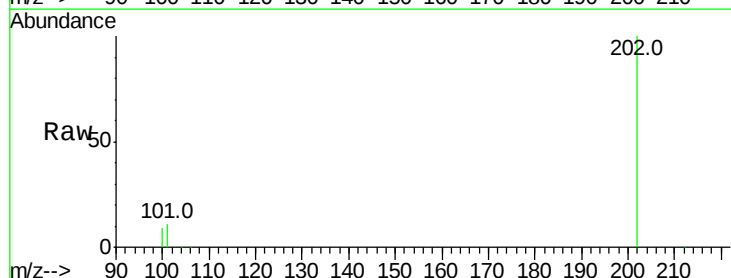
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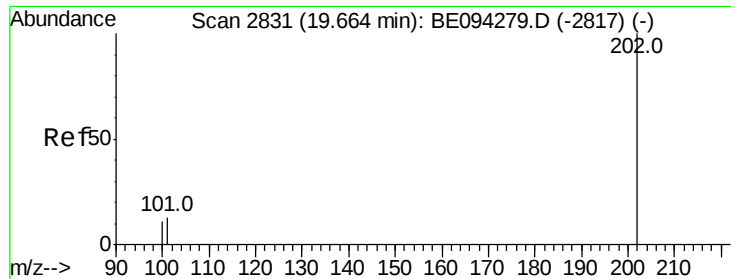
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#15
 Fluoranthene
 Concen: 11.325 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. 0.01 min
 Lab File: BE094287.D
 Acq: 11 Oct 2017 19:51

Tgt Ion:202 Resp: 429645
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.3
 100 8.6 0.0 39.5





#17

Pvrene

Concen: 13.970 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BE094287.D

Acq: 11 Oct 2017 19:51

Instrument :

BNA_E

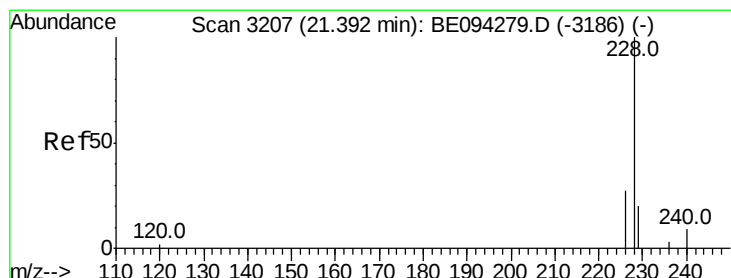
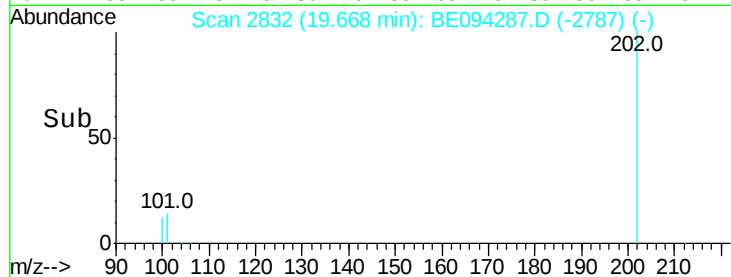
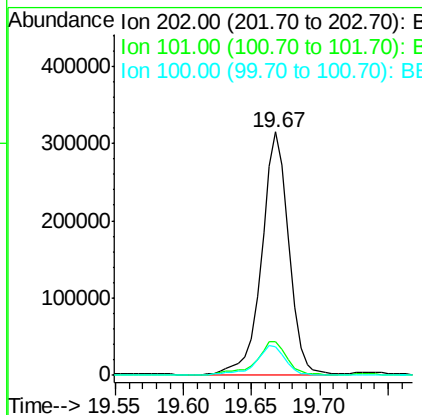
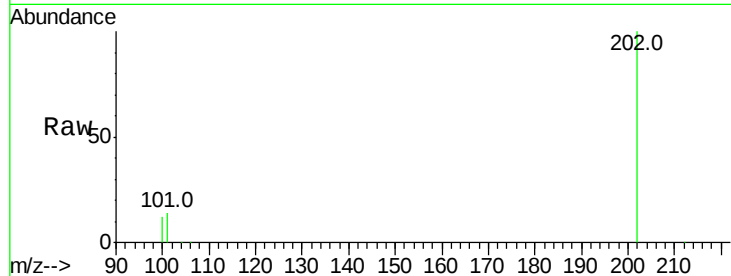
ClientSampleId :

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Tot Ion:	202	Resp:	429920
Ion Ratio	Lower	Upper	
202	100		
101	13.9	18.2	27.4#
100	12.0	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 8.357 ng/ul

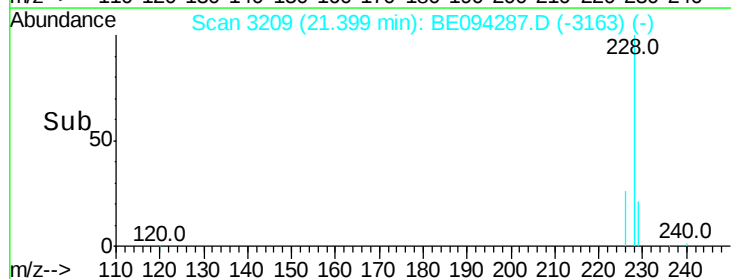
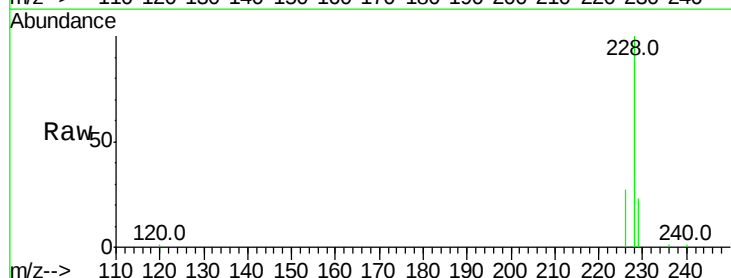
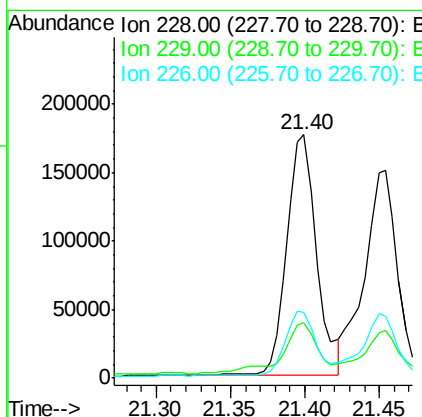
RT: 21.40 min Scan# 3209

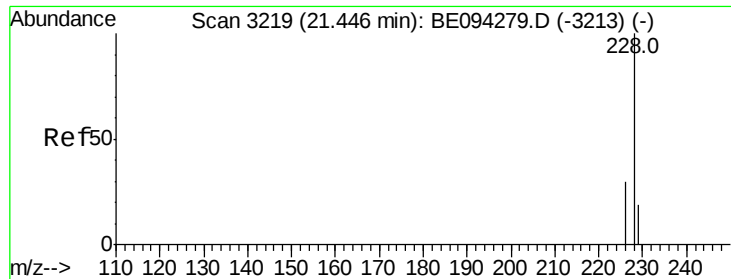
Delta R.T. 0.01 min

Lab File: BE094287.D

Acq: 11 Oct 2017 19:51

Tgt Ion:	228	Resp:	245231
Ion Ratio	Lower	Upper	
228	100		
229	22.8	22.8	34.2#
226	27.1	17.0	25.6#





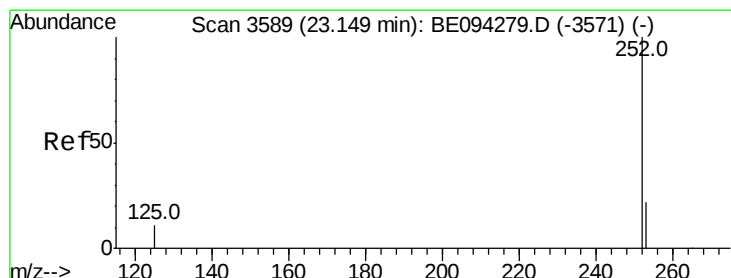
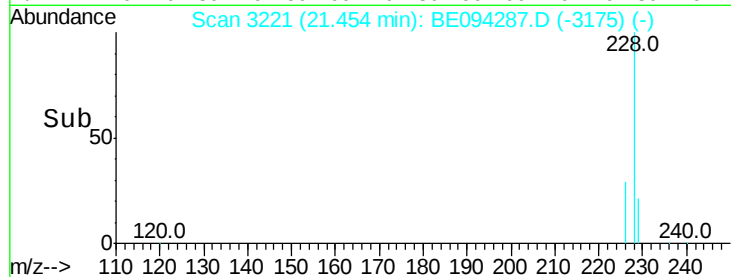
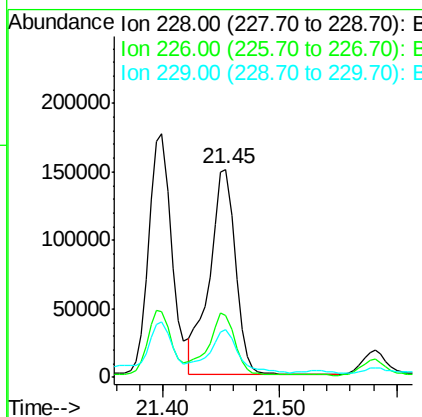
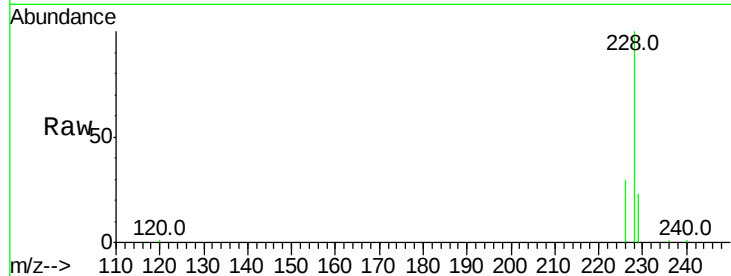
#19
Chrysene
Concen: 6.870 ng/ul
RT: 21.45 min Scan# 3221
Delta R.T. 0.01 min
Lab File: BE094287.D
Acq: 11 Oct 2017 19:51

Instrument :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	22.8	17.7	26.5

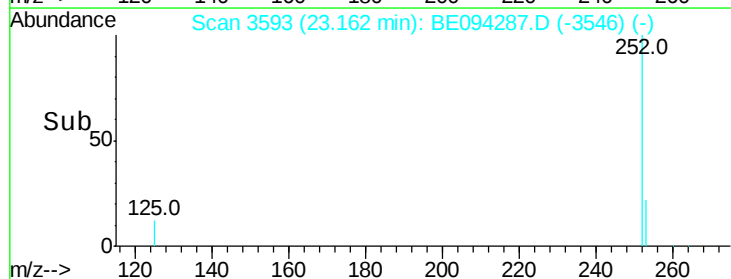
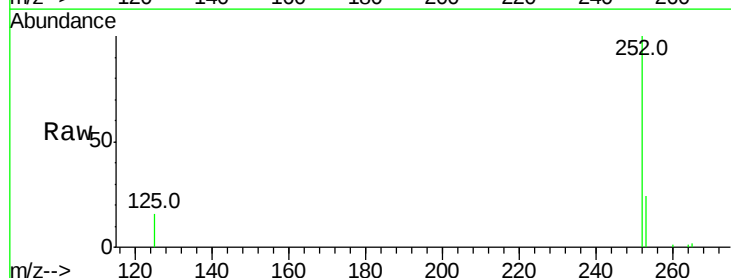
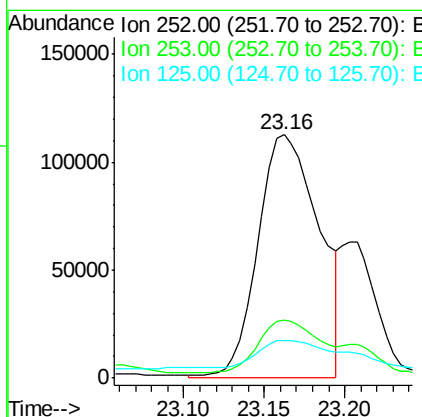
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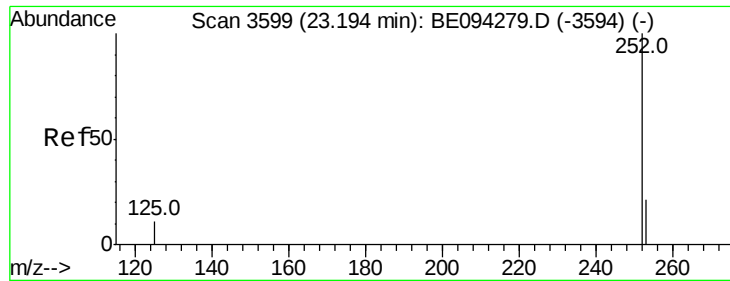
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#21
Benzo(b)fluoranthene
Concen: 9.785 ng/ul m
RT: 23.16 min Scan# 3593
Delta R.T. 0.01 min
Lab File: BE094287.D
Acq: 11 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	64.2
125	15.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.722 ng/ul m

RT: 23.20 min Scan# 3602

Delta R.T. 0.01 min

Lab File: BE094287.D

Acq: 11 Oct 2017 19:51

Instrument :

BNA_E

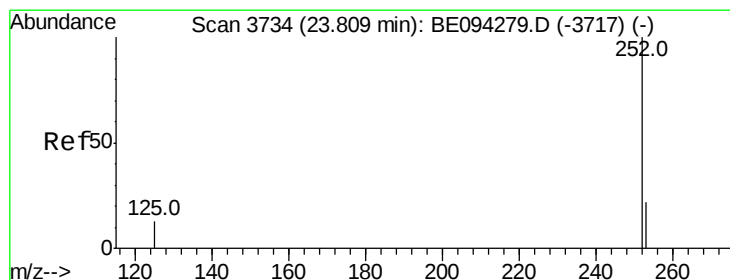
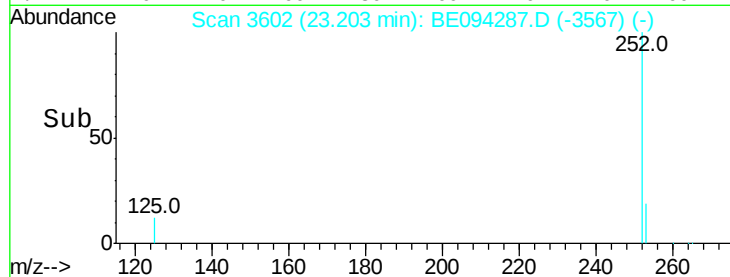
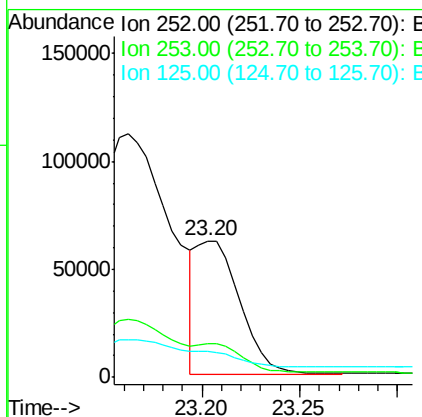
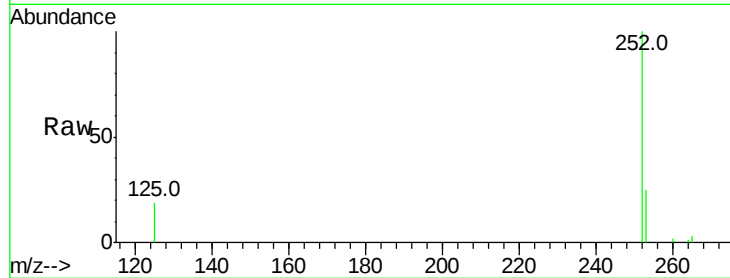
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	24.5	36.7
125	18.9	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 6.874 ng/ul

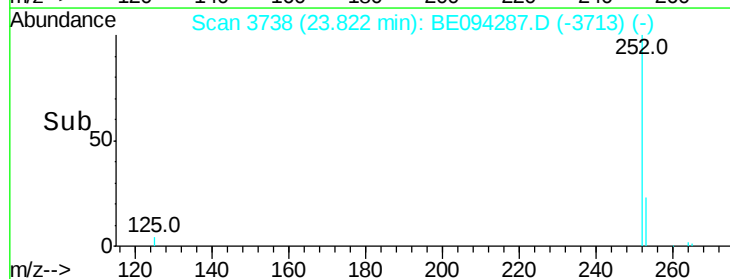
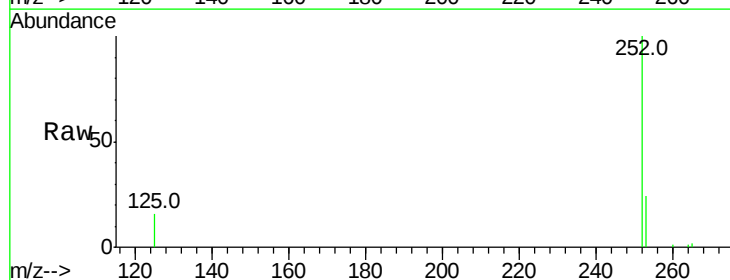
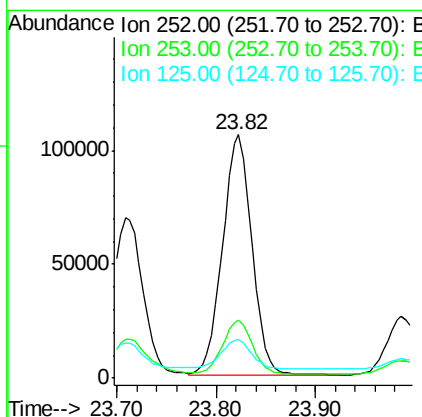
RT: 23.82 min Scan# 3738

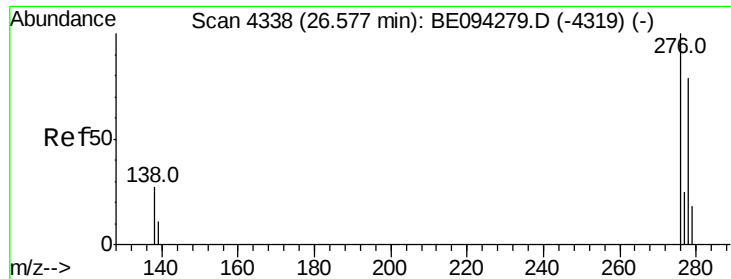
Delta R.T. 0.01 min

Lab File: BE094287.D

Acq: 11 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	15.8	18.1	27.1#





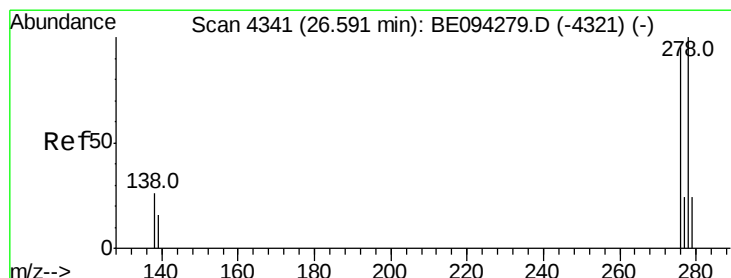
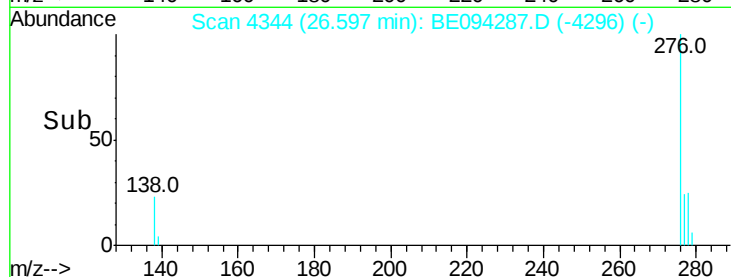
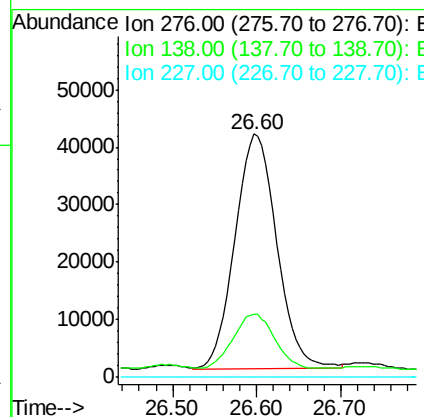
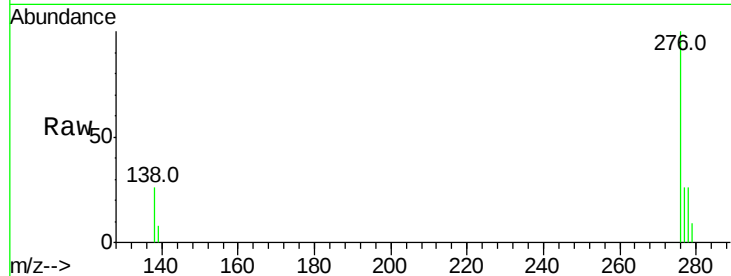
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 4.380 ng/ul
 RT: 26.60 min Scan# 4344
 Delta R.T. 0.02 min
 Lab File: BE094287.D
 Acq: 11 Oct 2017 19:51

Instrument :
 BNA_E
 ClientSampleId :
 B-43(5-7)-092617DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	140583		
138	22.9	28.0	42.0#	
227	0.0	8.0	12.0#	

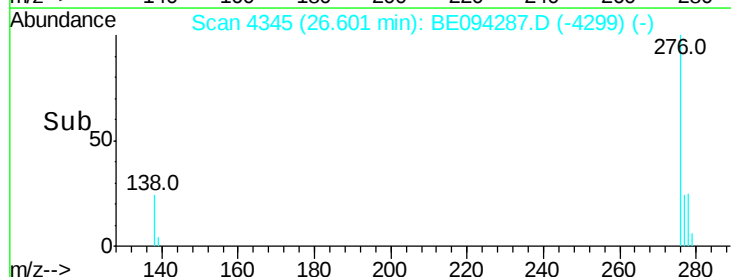
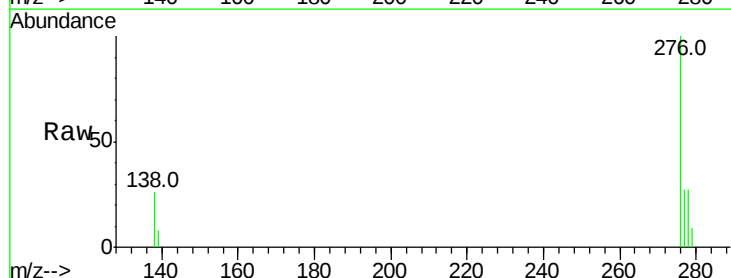
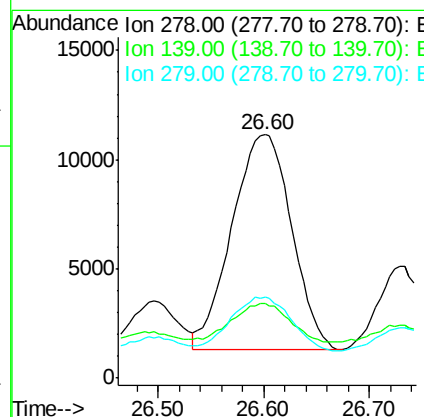
Manual Integrations
 APPROVED

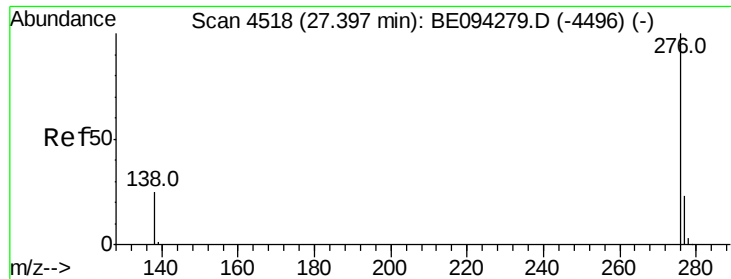
Sohil
 10/13/2017 12:05:41 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.432 ng/ul
 RT: 26.60 min Scan# 4345
 Delta R.T. 0.01 min
 Lab File: BE094287.D
 Acq: 11 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	38540		
139	30.6	17.4	26.0#	
279	33.2	25.9	38.9	





#26

Benzo(a,h,i)perylene

Concen: 4.684 ng/ul

RT: 27.44 min Scan# 4528

Delta R.T. 0.04 min

Lab File: BE094287.D

Acq: 11 Oct 2017 19:51

Instrument :

BNA_E

ClientSampleId :

B-43(5-7)-092617DL

Tot Ion:	276	Resp:	129650
Ion Ratio	Lower	Upper	
276	100		
138	26.9	21.8	32.8
277	26.5	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/13/2017 12:05:41 PM

