

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094267.D
 Acq On : 11 Oct 2017 00:58
 Operator : SJ/JU
 Sample : I5522-19DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC5DL

Manual Integrations
 APPROVED

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Quant Time: Oct 11 08:10:53 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 07:23:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2041	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10315	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5824	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	12739	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12804	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12408	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	941	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2267	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	3949	0.156	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	2843	0.173	ng/ul	97
7) Acenaphthylene	14.24	152	5210	0.229	ng/ul	99
8) Acenaphthene	14.58	153	6761	0.362	ng/ul	99
9) Fluorene	15.56	166	7648	0.349	ng/ul	94
12) Phenanthrene	17.29	178	157991	4.746	ng/ul#	93
13) Anthracene	17.38	178	35609	1.100	ng/ul#	92
15) Fluoranthene	19.30	202	396751	9.070	ng/ul	84
17) Pyrene	19.66	202	362126	10.165	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	216488	6.373	ng/ul#	86
19) Chrysene	21.45	228	202747	5.169	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	270836m	8.035	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	93608m	2.403	ng/ul	
23) Benzo(a)pyrene	23.80	252	194449	5.552	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.57	276	124168	3.465	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.58	278	31597	1.051	ng/ul	96
26) Benzo(a,h,i)perylene	27.39	276	99571	3.222	ng/ul	98

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

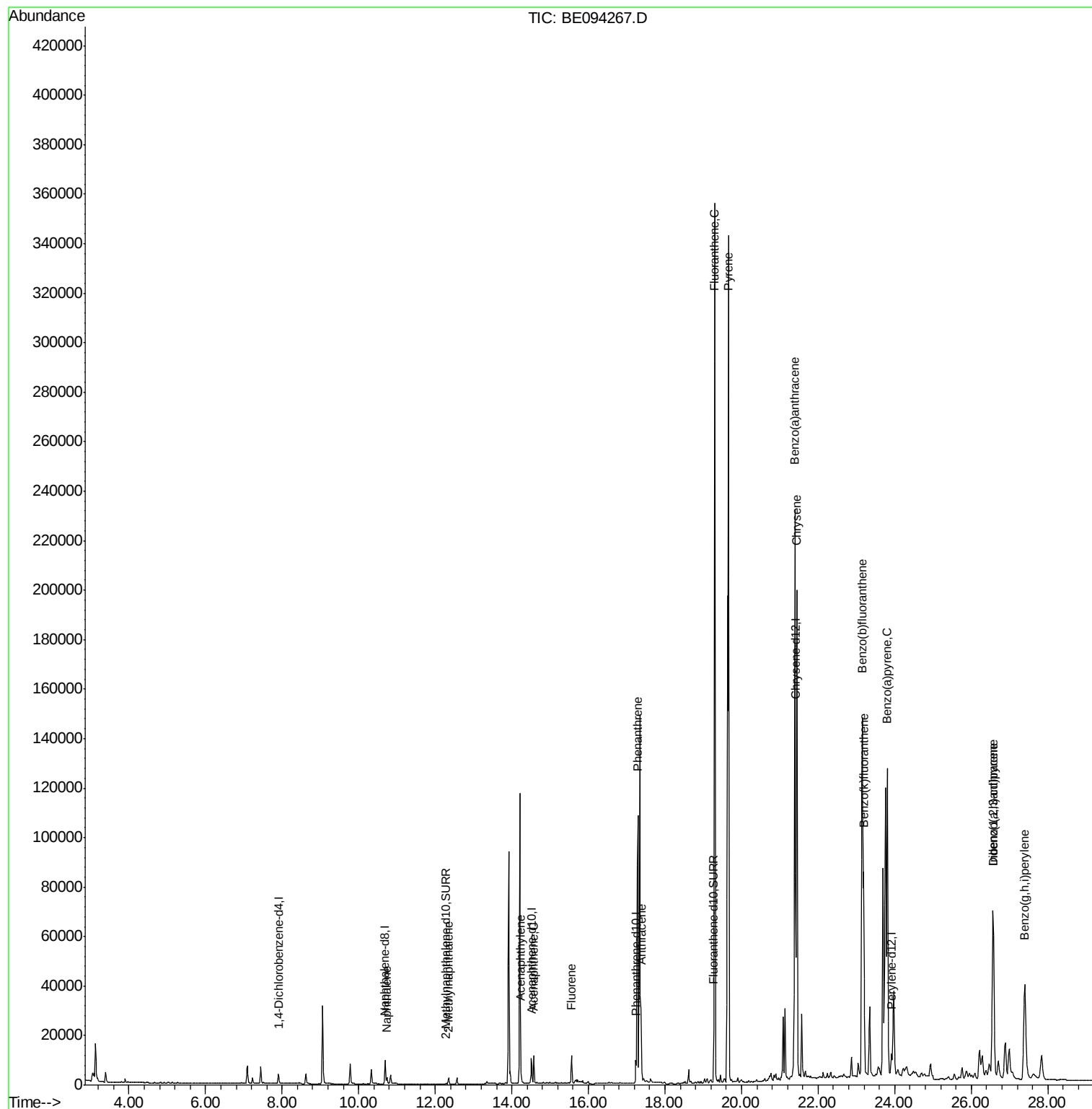
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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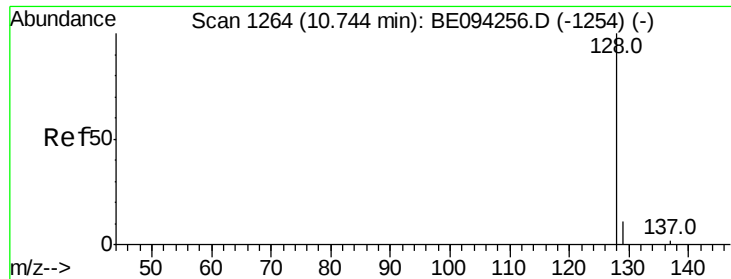
Instrument :
BNA_E
ClientSampleId :
C0AC5DL

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Quant Time: Oct 11 08:10:53 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Wed Oct 11 07:23:41 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.156 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094267.D

Acq: 11 Oct 2017 00:58

Instrument :

BNA_E

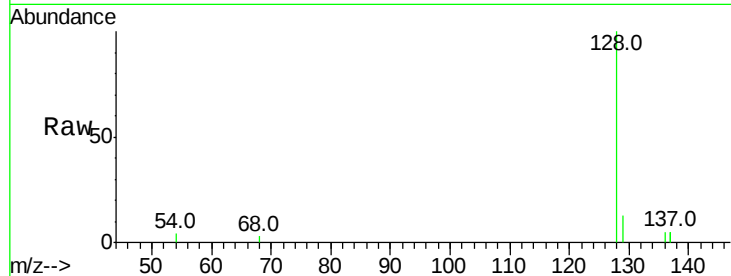
ClientSampleId :

C0AC5DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	11.3	16.9
127	0.0	4.0	6.0

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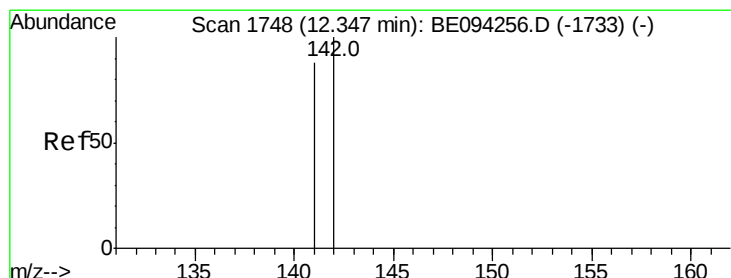
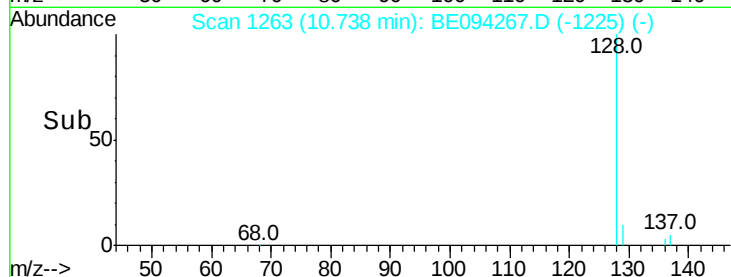
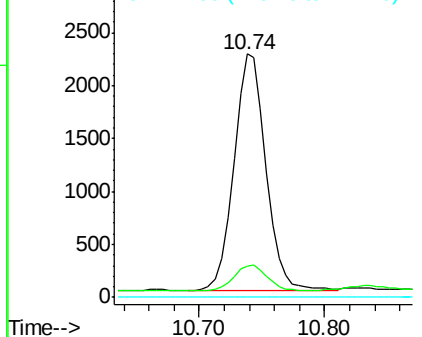


Abundance

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: 0.173 ng/ul

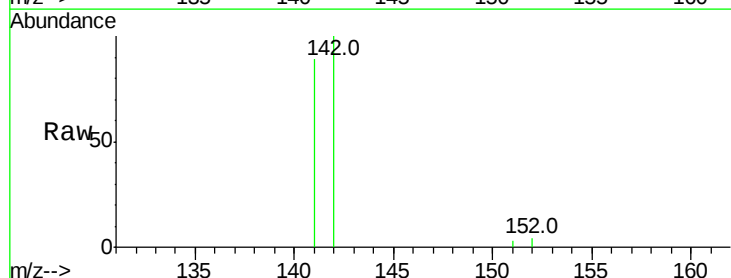
RT: 12.35 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BE094267.D

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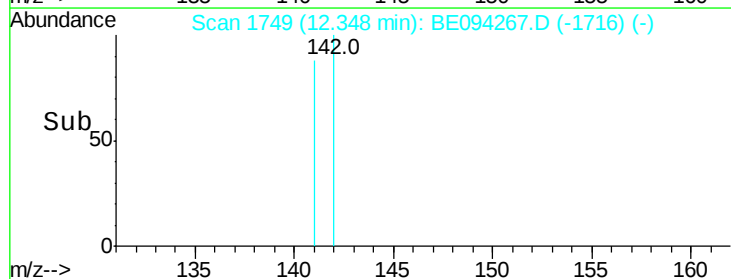
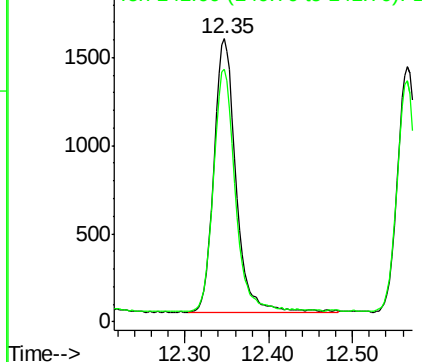
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.6	108.8

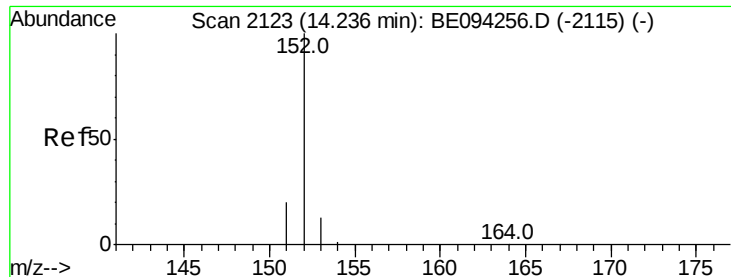


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.229 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094267.D

Acq: 11 Oct 2017 00:58

Instrument :

BNA_E

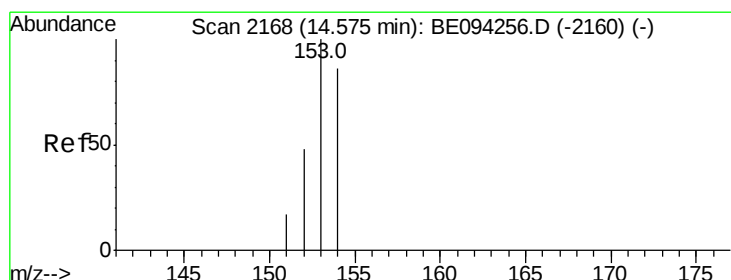
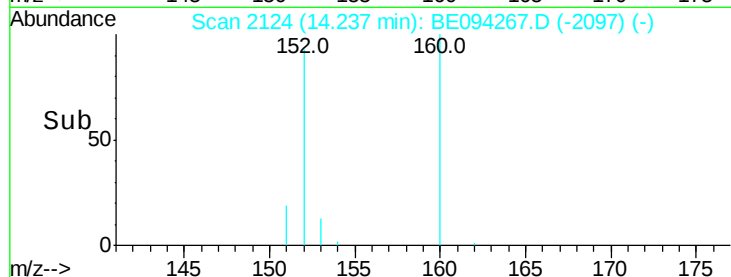
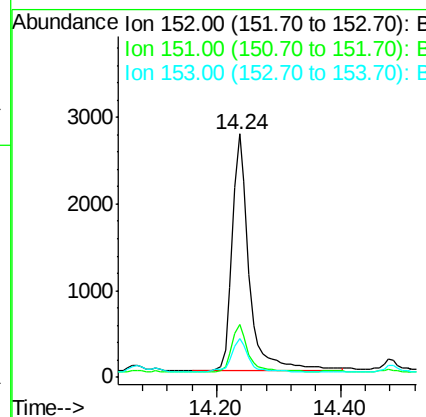
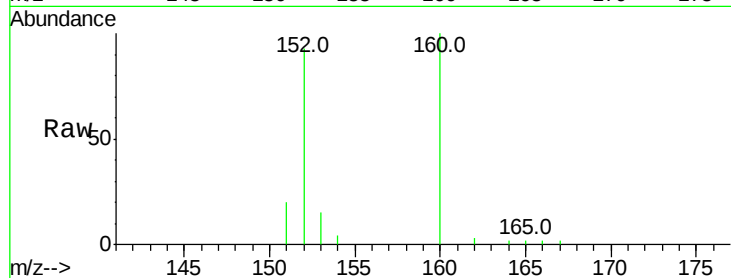
ClientSampleId :

C0AC5DL

Tot Ion:	152	Resp:	5210
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.1	25.7
153	16.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.362 ng/ul

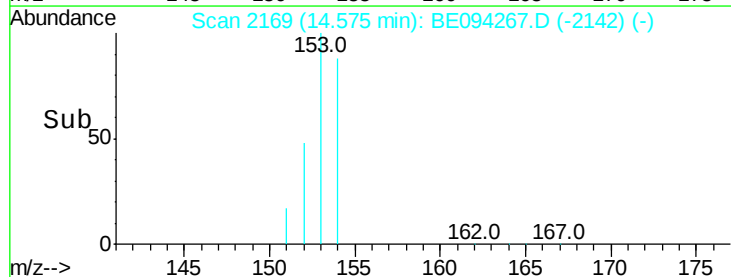
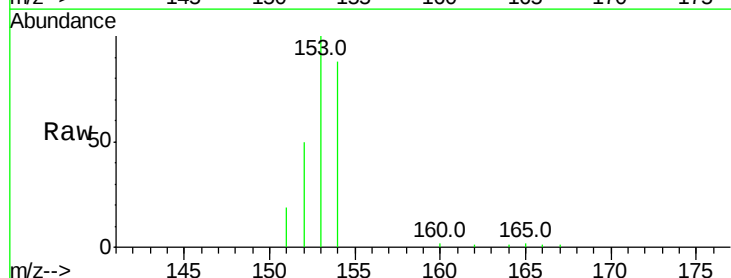
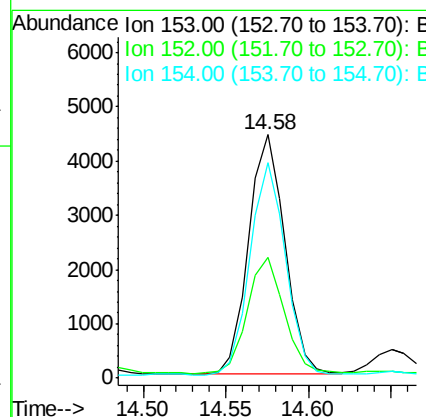
RT: 14.58 min Scan# 2169

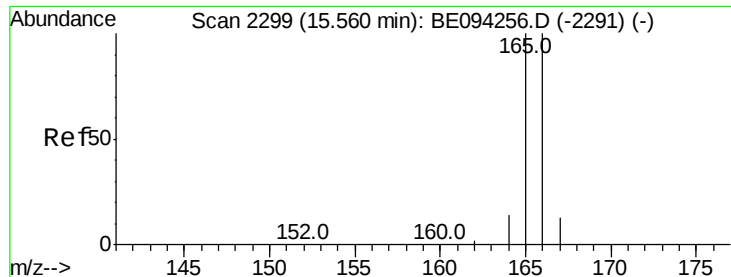
Delta R.T. 0.00 min

Lab File: BE094267.D

Acq: 11 Oct 2017 00:58

Tgt Ion:	153	Resp:	6761
Ion Ratio	Lower	Upper	
153	100		
152	49.7	40.3	60.5
154	88.4	71.4	107.2





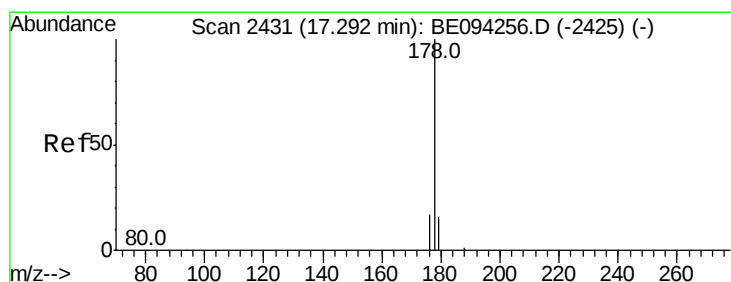
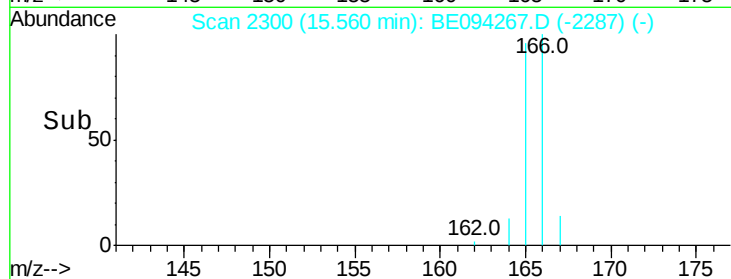
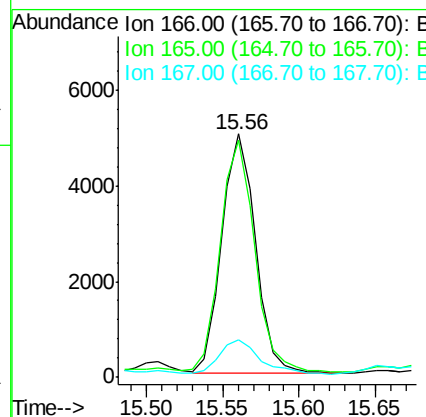
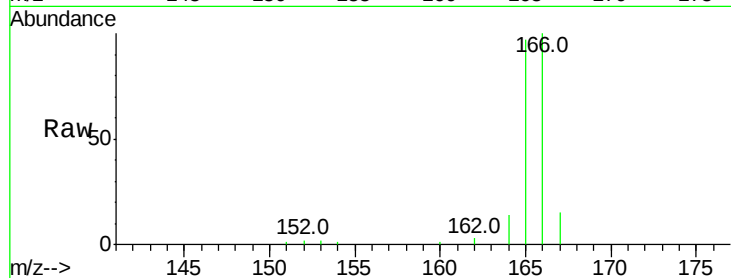
#9
Fluorene
 Concen: 0.349 ng/ul
 RT: 15.56 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BE094267.D
 Acq: 11 Oct 2017 00:58

Instrument :
 BNA_E
 ClientSampleId :
 C0AC5DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.3	73.4	110.2
167	15.5	14.6	22.0

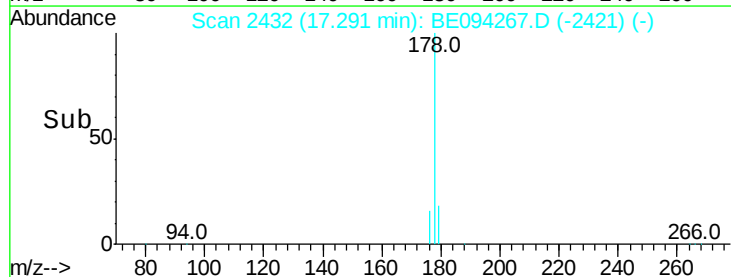
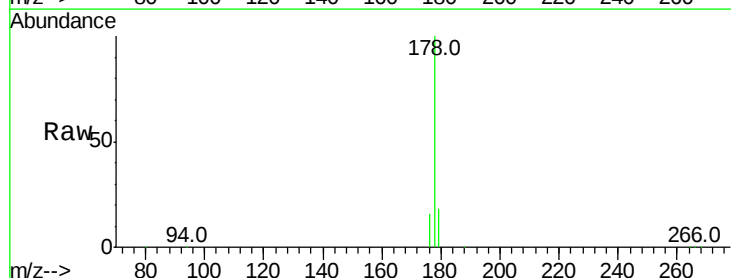
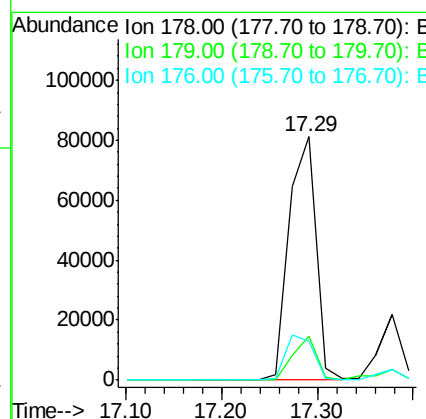
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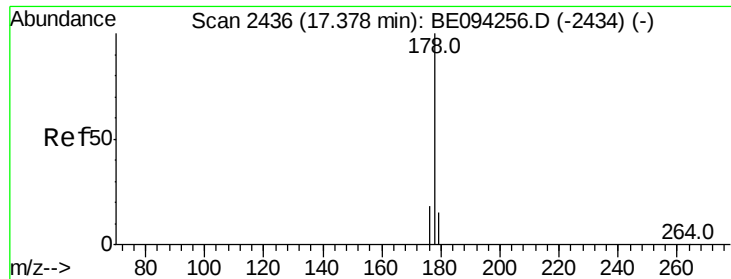
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#12
Phenanthrene
 Concen: 4.746 ng/ul
 RT: 17.29 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BE094267.D
 Acq: 11 Oct 2017 00:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	18.4	27.6#
176	15.8	13.6	20.4





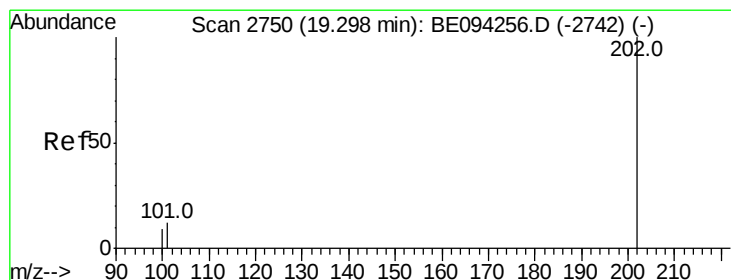
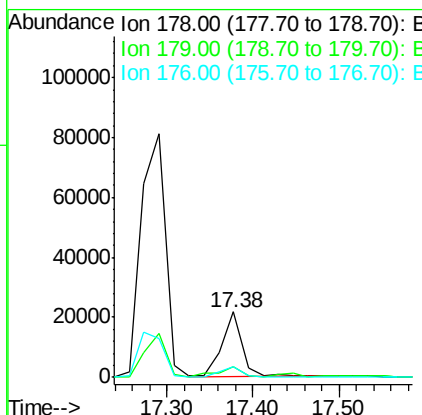
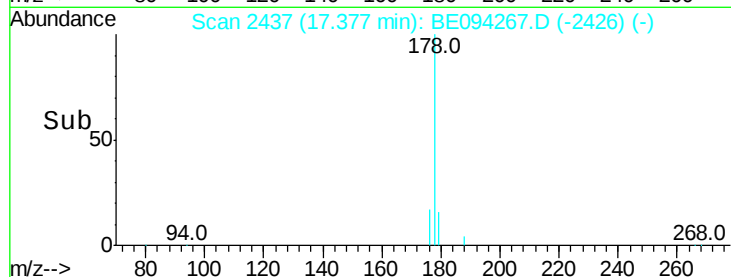
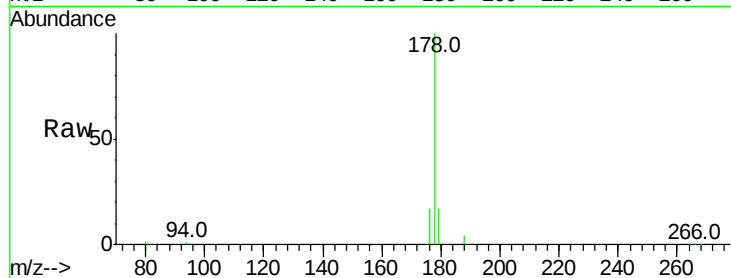
#13
 Anthracene
 Concen: 1.100 ng/ul
 RT: 17.38 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BE094267.D
 Acq: 11 Oct 2017 00:58

Instrument :
 BNA_E
 ClientSampleId :
 C0AC5DL

Tot Ion:178 Resp: 35609
 Ion Ratio Lower Upper
 178 100
 179 16.5 18.1 27.1#
 176 17.2 14.7 22.1

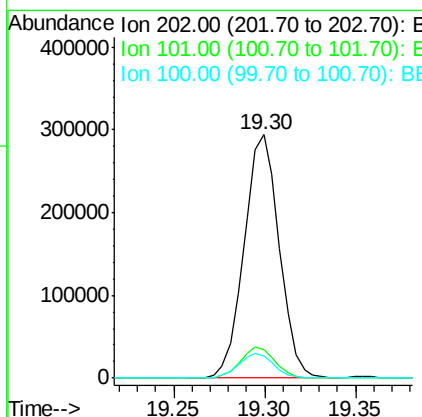
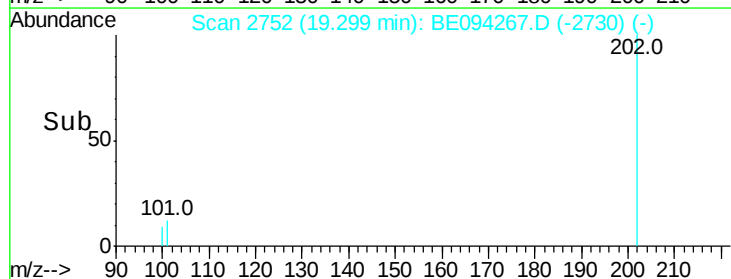
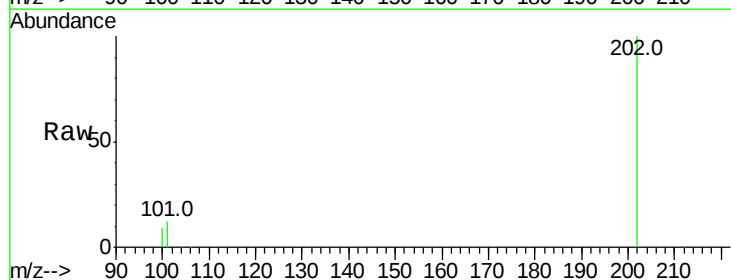
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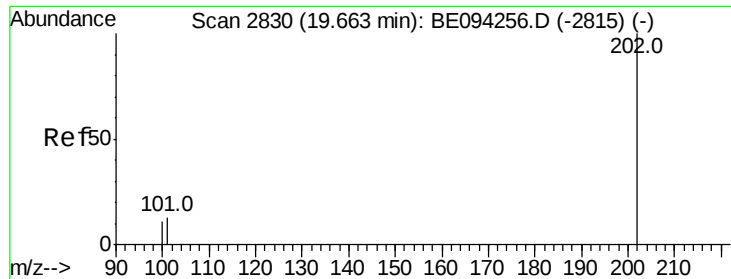
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#15
 Fluoranthene
 Concen: 9.070 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BE094267.D
 Acq: 11 Oct 2017 00:58

Tgt Ion:202 Resp: 396751
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 30.3
 100 9.3 0.0 39.5





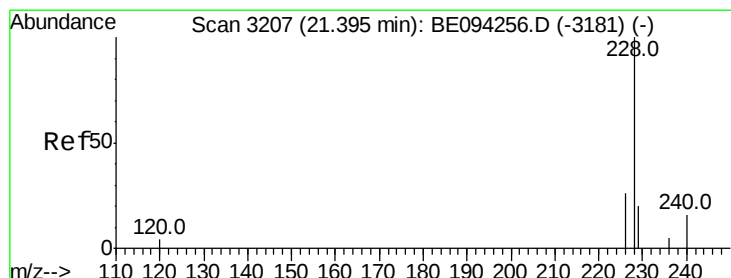
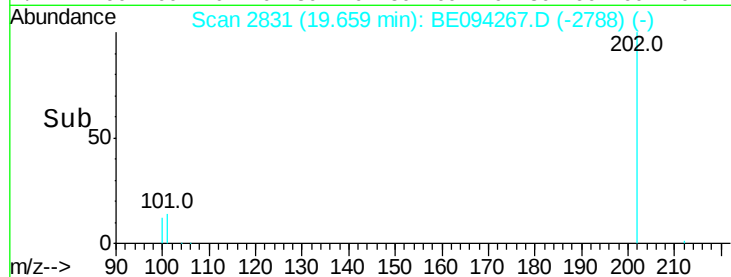
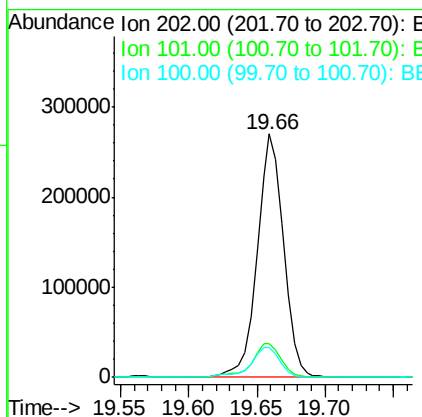
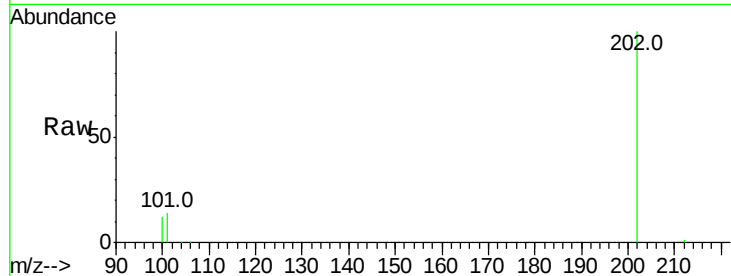
#17
Pvrene
Concen: 10.165 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE094267.D
Acq: 11 Oct 2017 00:58

Instrument :
BNA_E
ClientSampleId :
C0AC5DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	12.1	15.6	23.4#

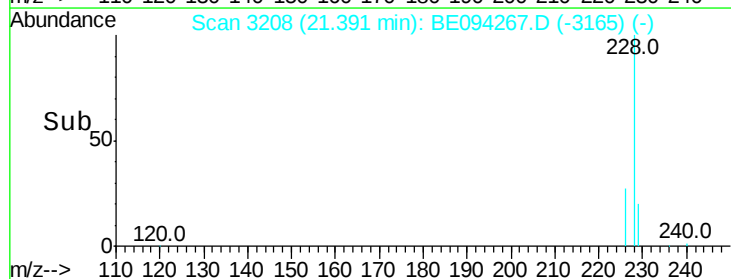
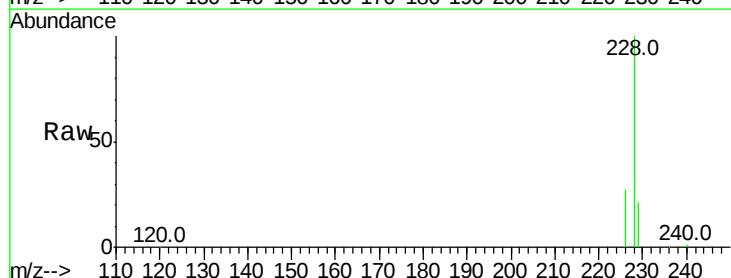
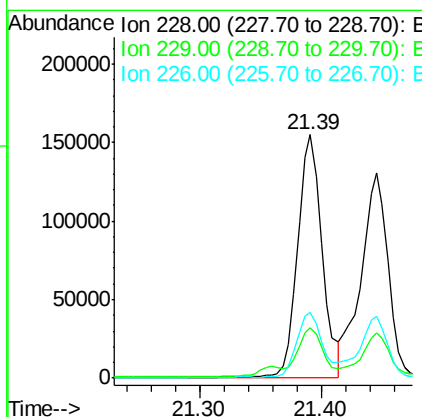
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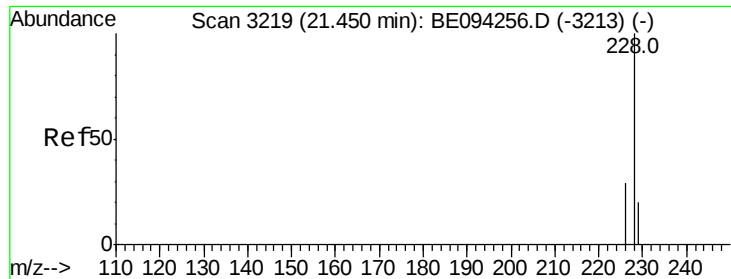
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#18
Benzo(a)anthracene
Concen: 6.373 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE094267.D
Acq: 11 Oct 2017 00:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	27.2	17.0	25.6#





#19

Chrysene

Concen: 5.169 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE094267.D

Acq: 11 Oct 2017 00:58

Instrument :

BNA_E

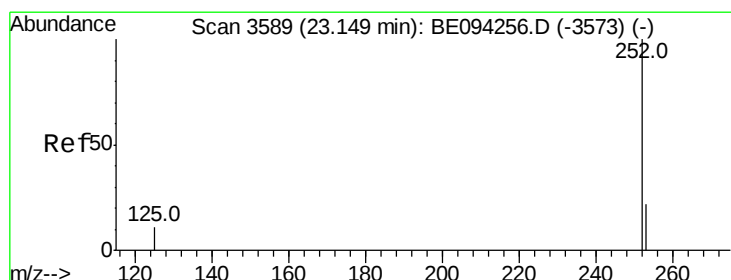
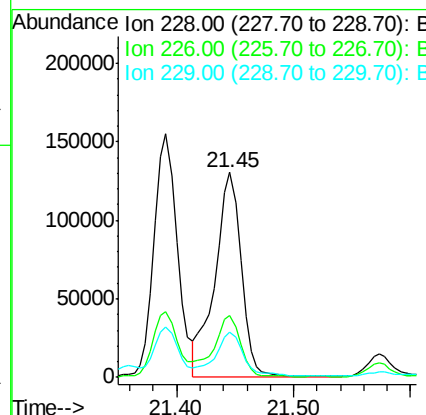
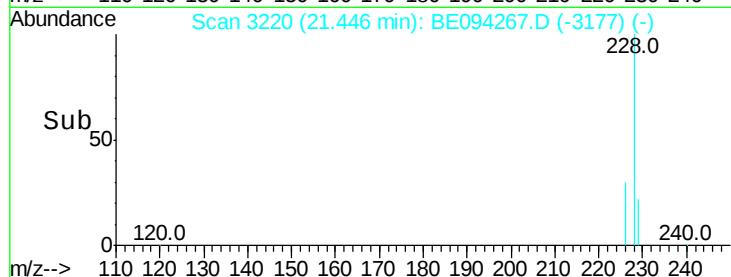
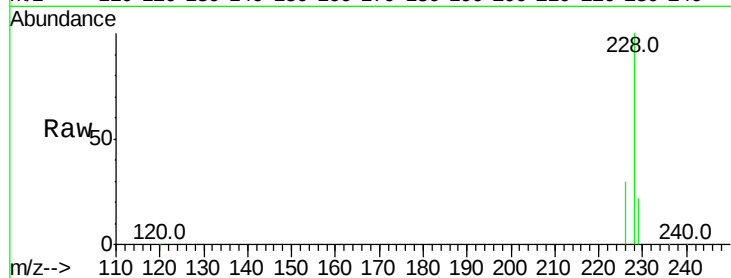
ClientSampleId :

C0AC5DL

Tot Ion:228	Resp:	202747
Ion Ratio	Lower	Upper
228 100		
226 29.9	23.4	35.0
229 22.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 8.035 ng/ul m

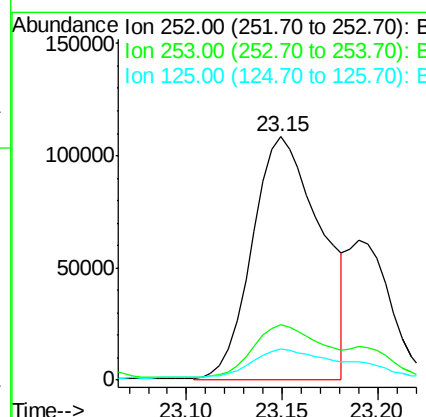
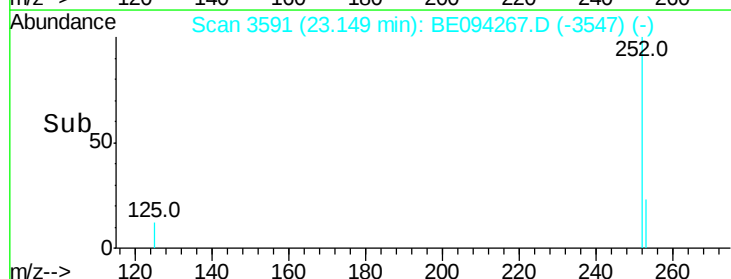
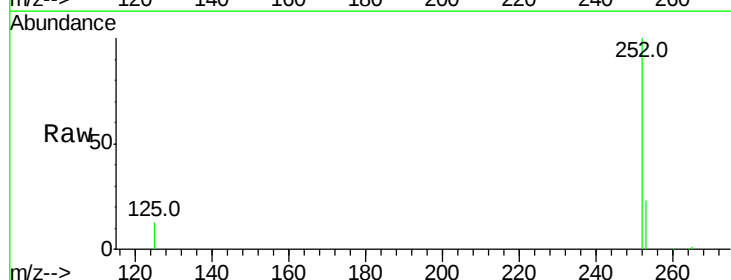
RT: 23.15 min Scan# 3591

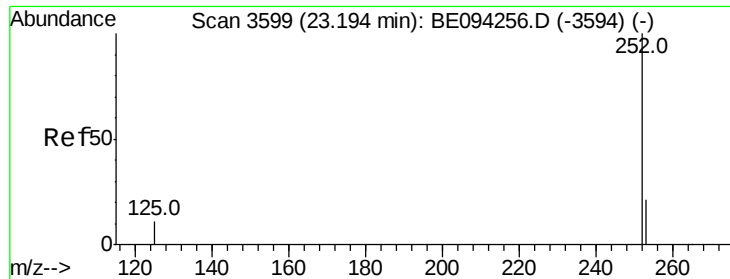
Delta R.T. 0.00 min

Lab File: BE094267.D

Acq: 11 Oct 2017 00:58

Tgt Ion:252	Resp:	270836
Ion Ratio	Lower	Upper
252 100		
253 23.0	0.0	64.2
125 12.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.403 ng/ul m

RT: 23.19 min Scan# 3600

Delta R.T. -0.00 min

Lab File: BE094267.D

Acq: 11 Oct 2017 00:58

Instrument :

BNA_E

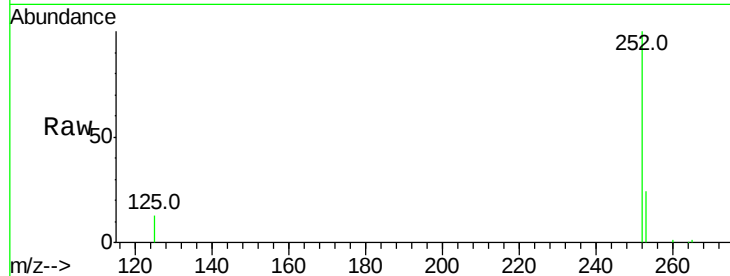
ClientSampleId :

C0AC5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	24.5	36.7#
125	12.9	13.7	20.5#

Manual Integrations
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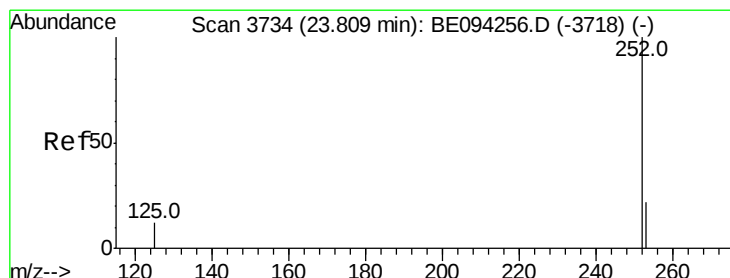
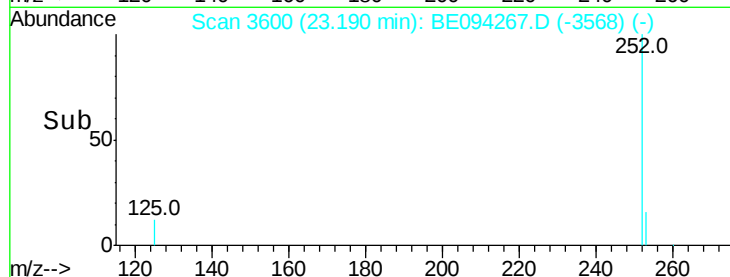
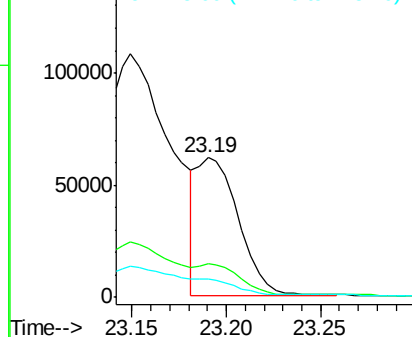


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 5.552 ng/ul

RT: 23.80 min Scan# 3735

Delta R.T. -0.00 min

Lab File: BE094267.D

Acq: 11 Oct 2017 00:58

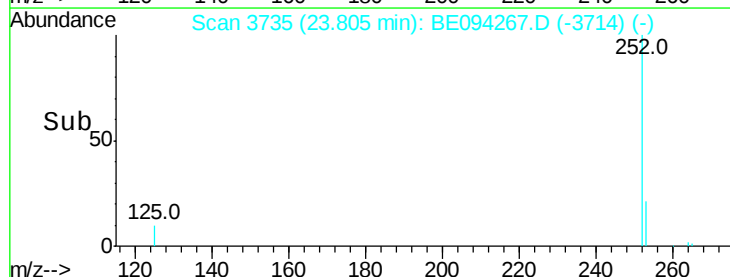
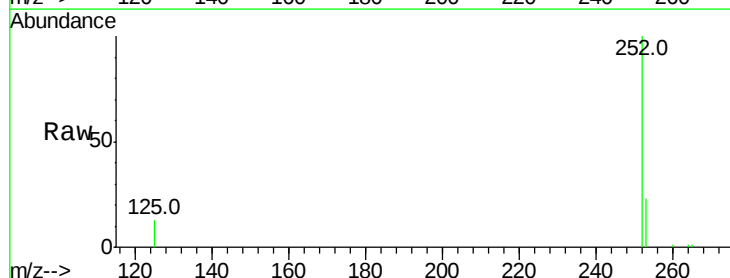
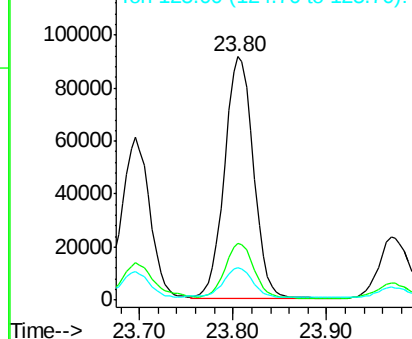
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	13.1	18.1	27.1#

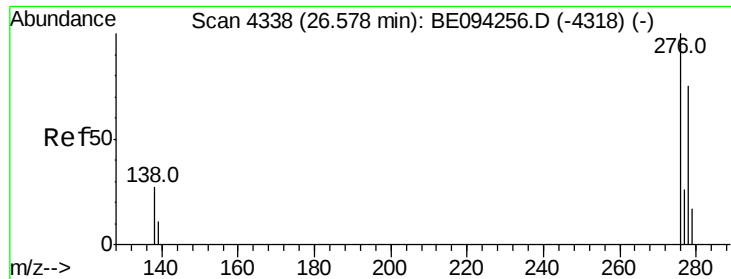
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





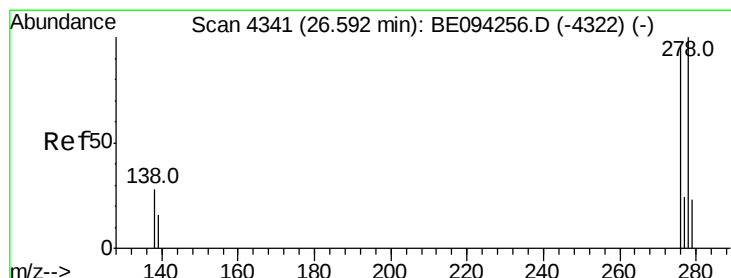
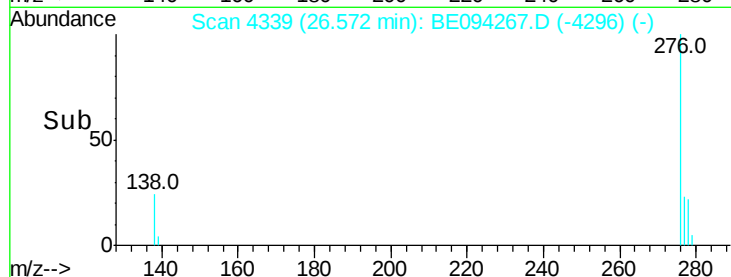
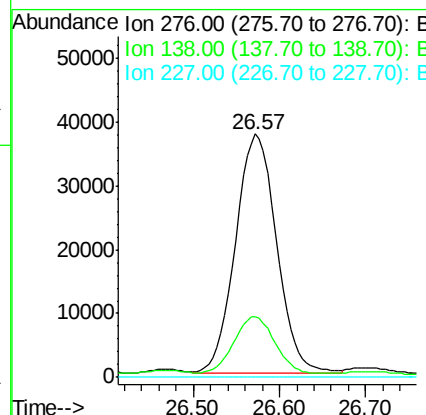
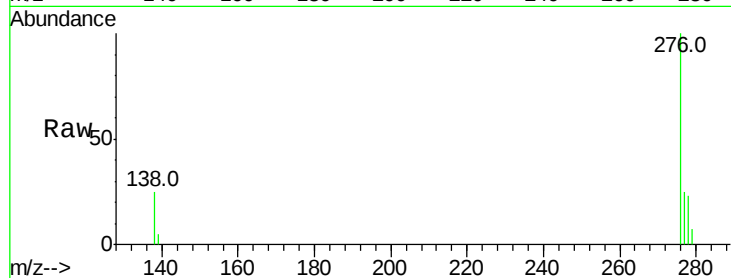
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.465 ng/ul
 RT: 26.57 min Scan# 4339
 Delta R.T. -0.01 min
 Lab File: BE094267.D
 Acq: 11 Oct 2017 00:58

Instrument :
 BNA_E
 ClientSampled :
 C0AC5DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	124168		
138	23.8	28.0	42.0#	
227	0.0	8.0	12.0#	

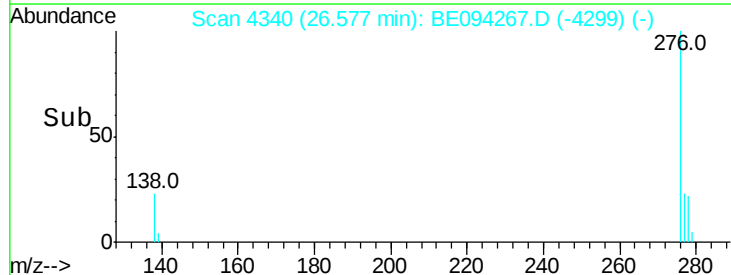
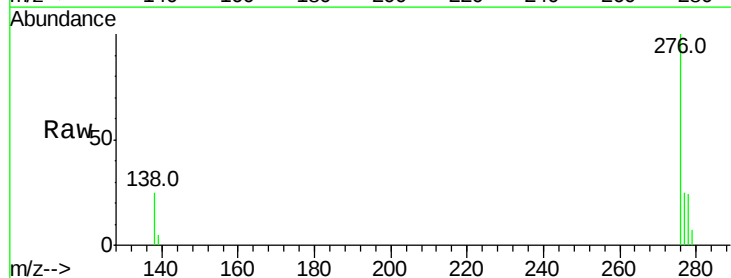
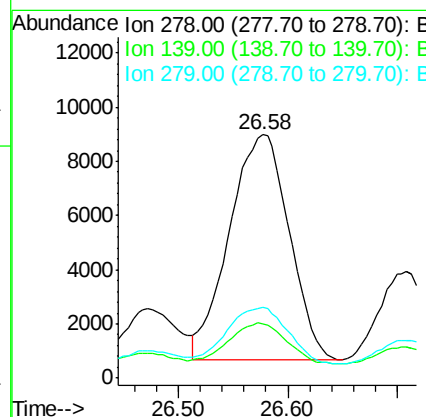
Manual Integrations
 APPROVED

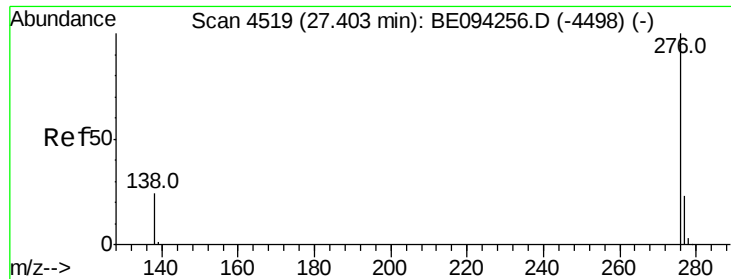
Sohil
 10/11/2017 7:20:21 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.051 ng/ul
 RT: 26.58 min Scan# 4340
 Delta R.T. -0.02 min
 Lab File: BE094267.D
 Acq: 11 Oct 2017 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	31597		
139	22.2	17.4	26.0	
279	29.1	25.9	38.9	





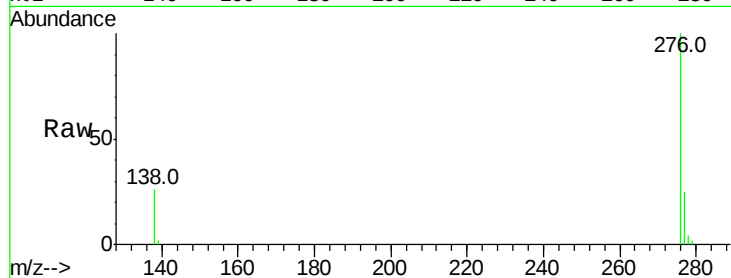
#26
 Benzo(a,h,i)perylene
 Concen: 3.222 ng/ul
 RT: 27.39 min Scan# 4519
 Delta R.T. -0.01 min
 Lab File: BE094267.D
 Acq: 11 Oct 2017 00:58

Instrument :
 BNA_E
 ClientSampleId :
 C0AC5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.8	32.8
277	25.0	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:20:21 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

