

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094263.D
 Acq On : 10 Oct 2017 22:32
 Operator : SJ/JU
 Sample : I5522-21DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC7DL

Manual Integrations
 APPROVED

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Quant Time: Oct 11 07:56:38 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	7.91	152	1965	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10164	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5701	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	12192	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12834	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	13289	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1268	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2990	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2665	0.107	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	1826	0.113	ng/ul	99
7) Acenaphthylene	14.24	152	1385	0.062	ng/ul#	88
8) Acenaphthene	14.57	153	3979	0.217	ng/ul	98
9) Fluorene	15.56	166	7224	0.337	ng/ul	93
12) Phenanthrene	17.29	178	152921	4.800	ng/ul#	93
13) Anthracene	17.38	178	32911	1.062	ng/ul#	92
15) Fluoranthene	19.30	202	185251	4.425	ng/ul	84
17) Pyrene	19.66	202	147707	4.136	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	83323	2.447	ng/ul#	87
19) Chrysene	21.44	228	75305	1.915	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	81886m	2.268	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	25621m	0.614	ng/ul	
23) Benzo(a)pyrene	23.80	252	54047	1.441	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.56	276	31266	0.815	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	9143	0.284	ng/ul#	94
26) Benzo(a,h,i)perylene	27.39	276	23043	0.696	ng/ul	99

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

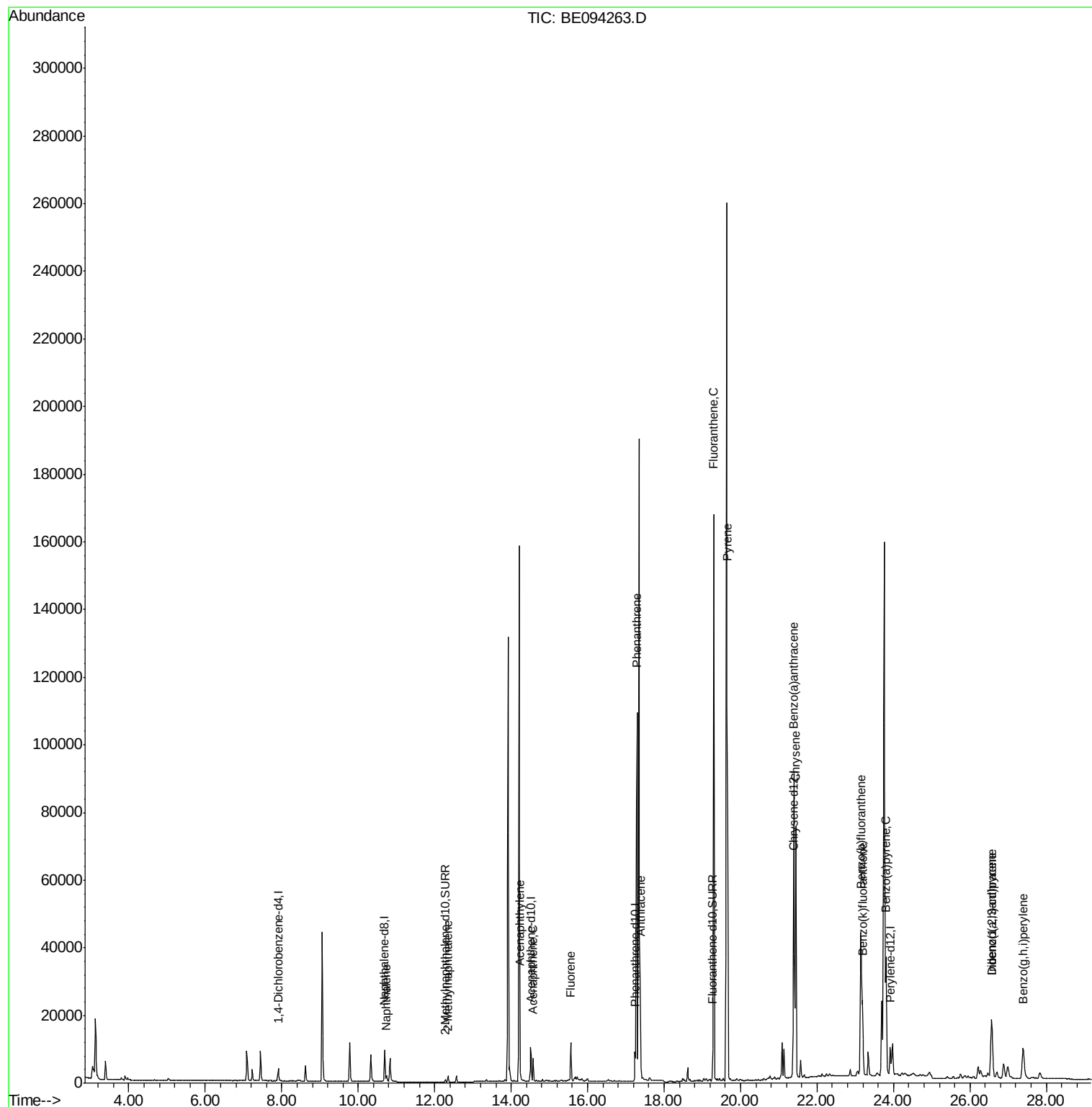
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

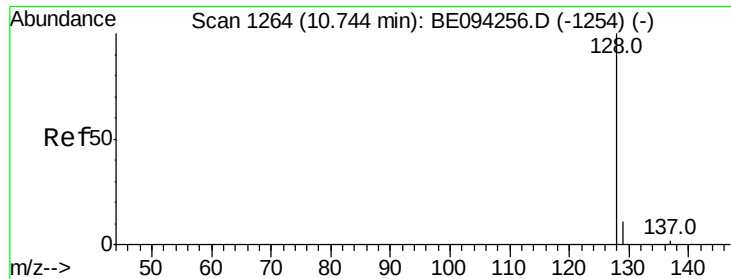
Instrument :
BNA_E
ClientSampleId :
C0AC7DL

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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
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#3

Naphthalene

Concen: 0.107 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094263.D

Acq: 10 Oct 2017 22:32

Instrument :

BNA_E

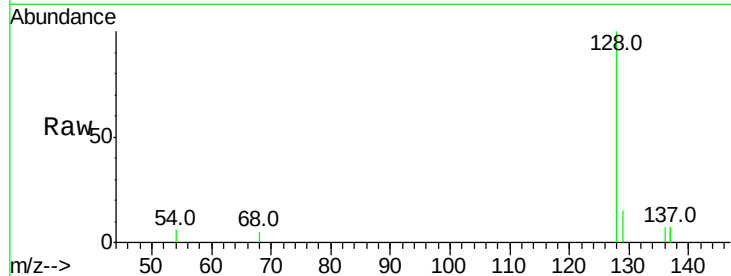
ClientSampleId :

C0AC7DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.5	11.3	16.9
127	0.0	4.0	6.0

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Abundance

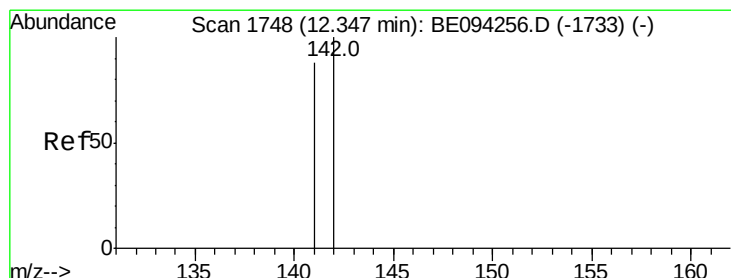
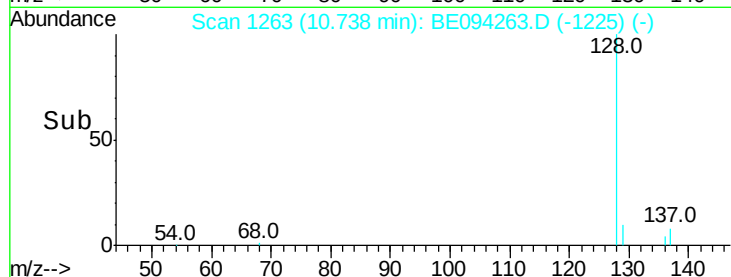
Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.74

Time-->



#5

2-Methylnaphthalene

Concen: 0.113 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BE094263.D

Acq: 10 Oct 2017 22:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8

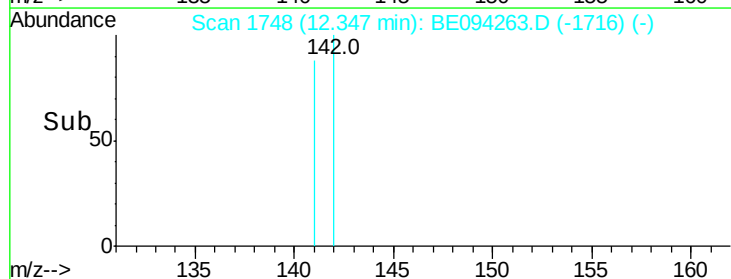
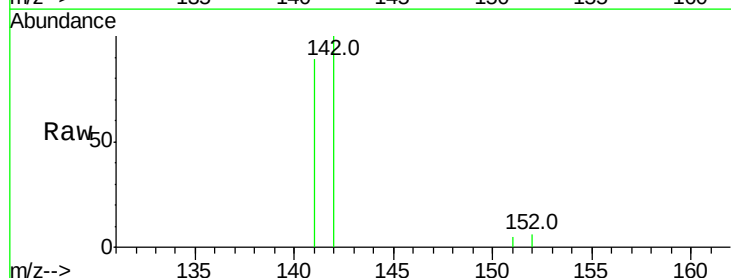
Abundance

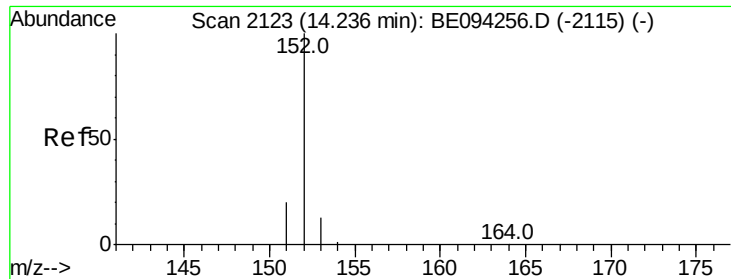
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.35

Time-->





#7

Acenaphthylene

Concen: 0.062 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094263.D

Acq: 10 Oct 2017 22:32

Instrument :

BNA_E

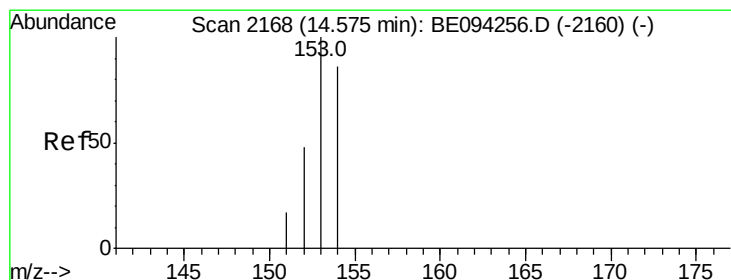
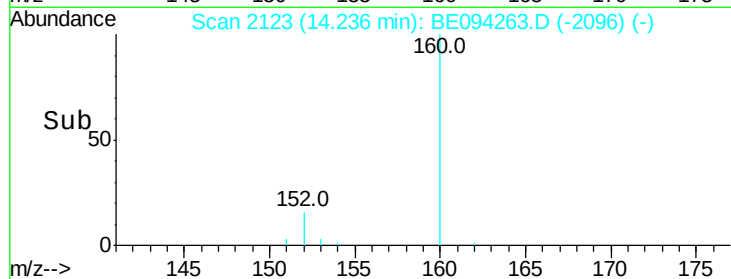
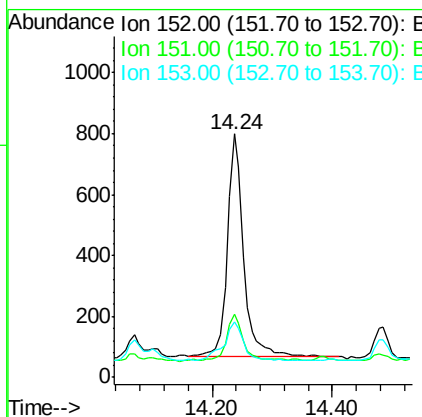
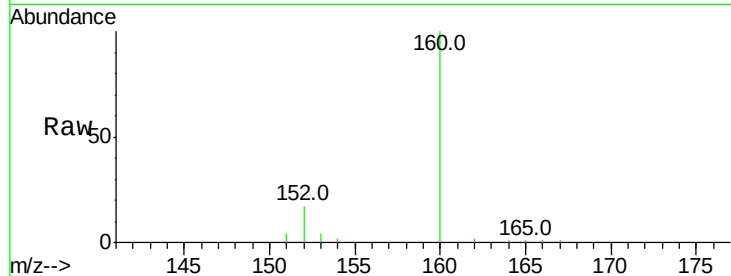
ClientSampleID :

C0AC7DL

Tot Ion:	152	Resp:	1385
Ion Ratio	Lower	Upper	
152	100		
151	25.8	17.1	25.7#
153	22.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.217 ng/ul

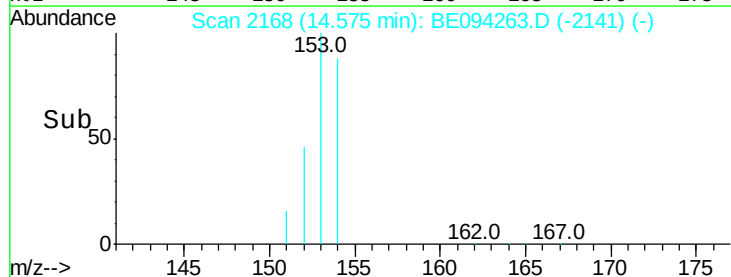
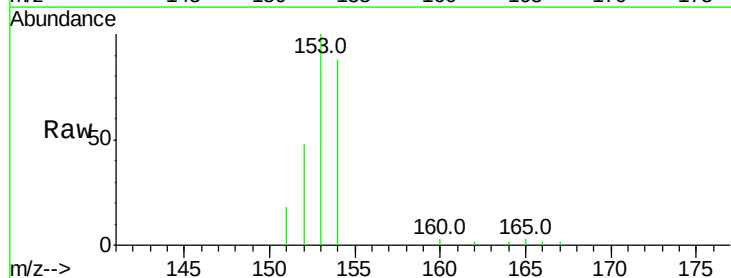
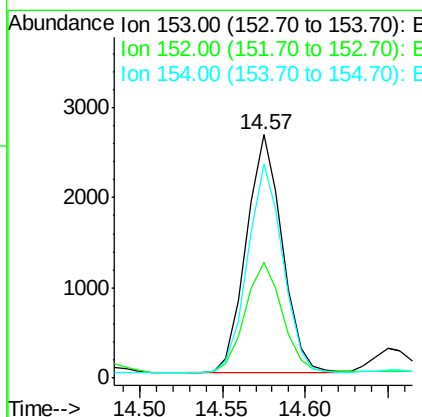
RT: 14.57 min Scan# 2168

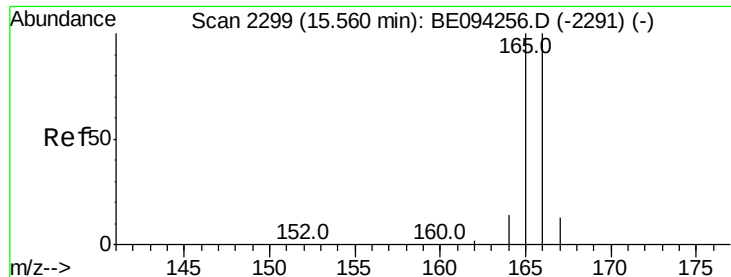
Delta R.T. -0.00 min

Lab File: BE094263.D

Acq: 10 Oct 2017 22:32

Tgt Ion:	153	Resp:	3979
Ion Ratio	Lower	Upper	
153	100		
152	47.7	40.3	60.5
154	88.1	71.4	107.2





#9

Fluorene

Concen: 0.337 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE094263.D

Acq: 10 Oct 2017 22:32

Instrument :

BNA_E

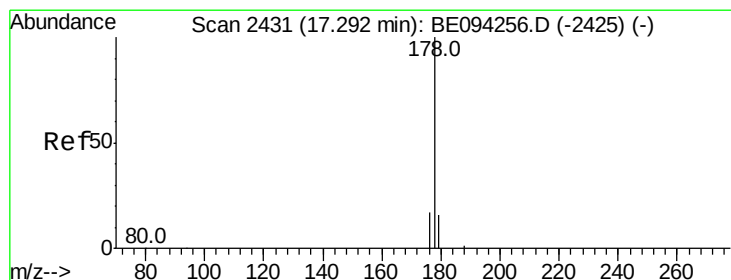
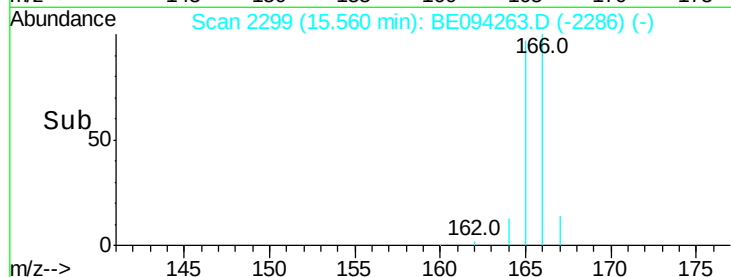
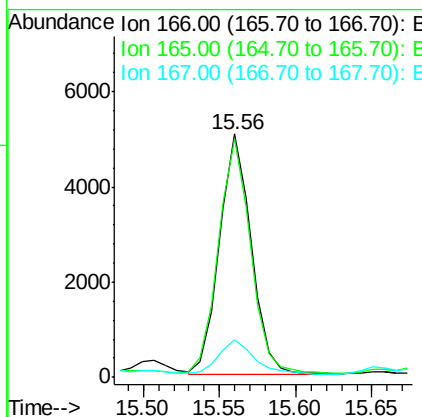
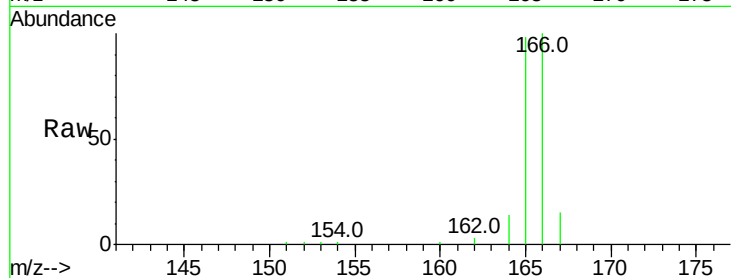
ClientSampleId :

C0AC7DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	73.4	110.2
167	15.3	14.6	22.0

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#12

Phenanthrene

Concen: 4.800 ng/ul

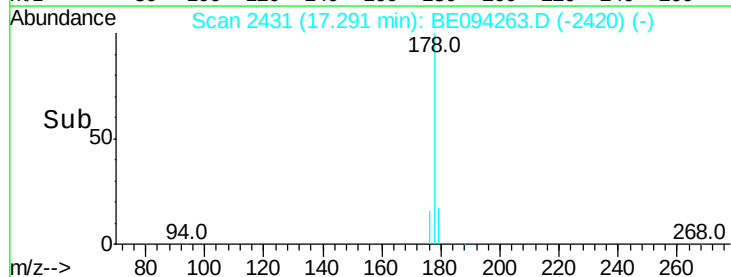
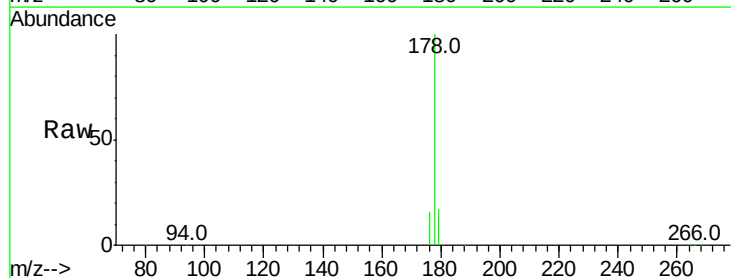
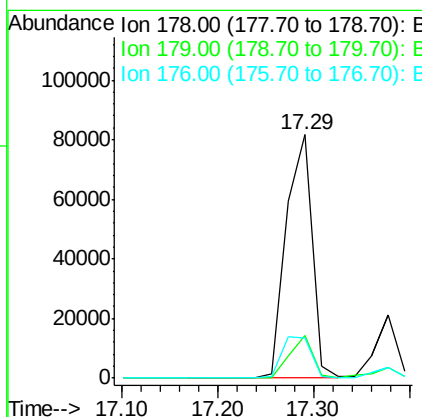
RT: 17.29 min Scan# 2431

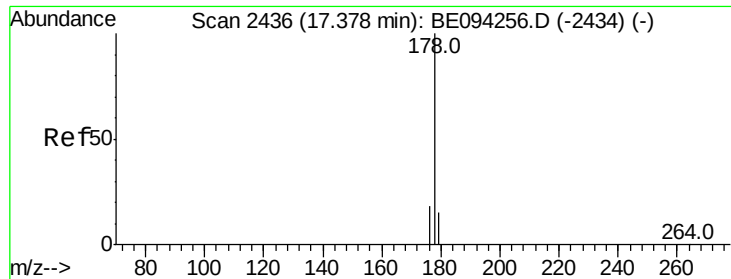
Delta R.T. -0.00 min

Lab File: BE094263.D

Acq: 10 Oct 2017 22:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	18.4	27.6#
176	16.3	13.6	20.4





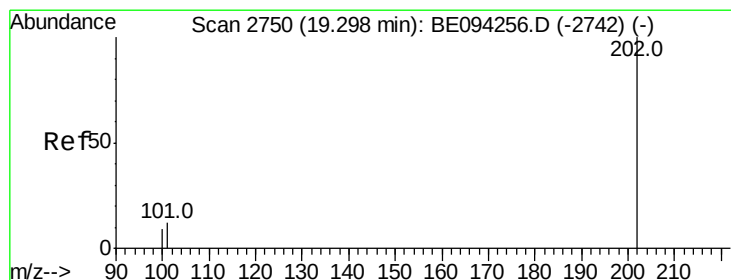
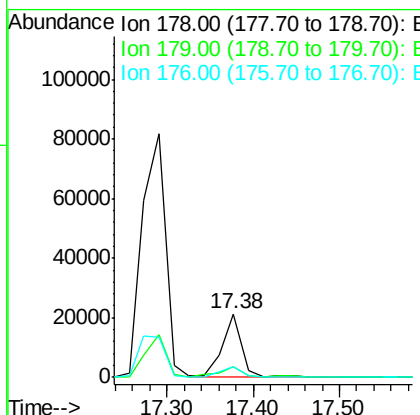
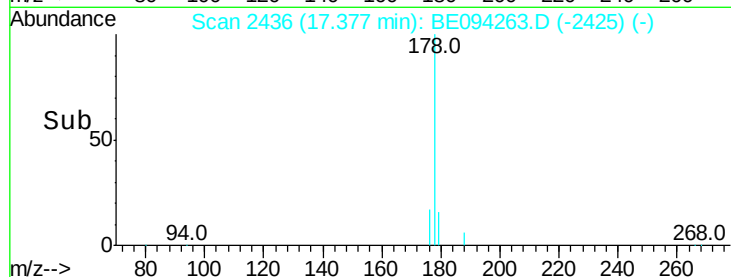
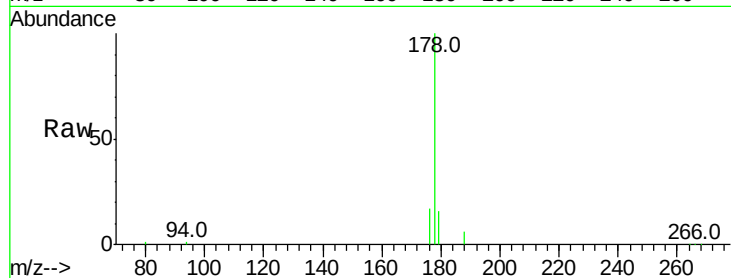
#13
 Anthracene
 Concen: 1.062 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094263.D
 Acq: 10 Oct 2017 22:32

Instrument :
 BNA_E
 ClientSampleId :
 C0AC7DL

Tot Ion:178 Resp: 32911
 Ion Ratio Lower Upper
 178 100
 179 16.3 18.1 27.1#
 176 17.2 14.7 22.1

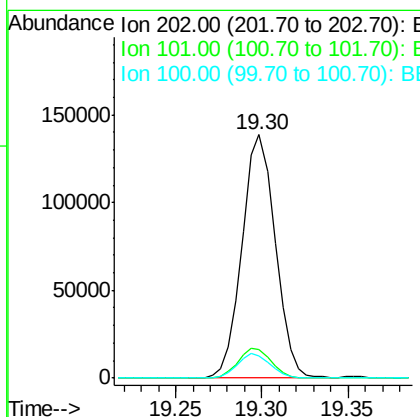
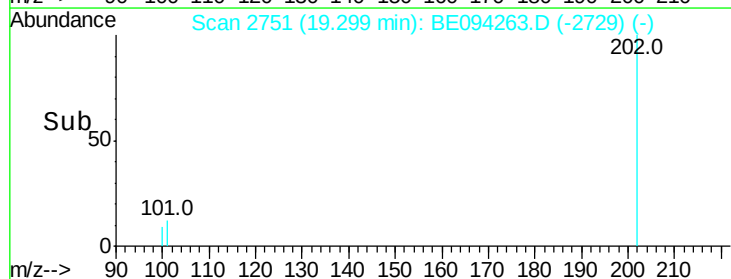
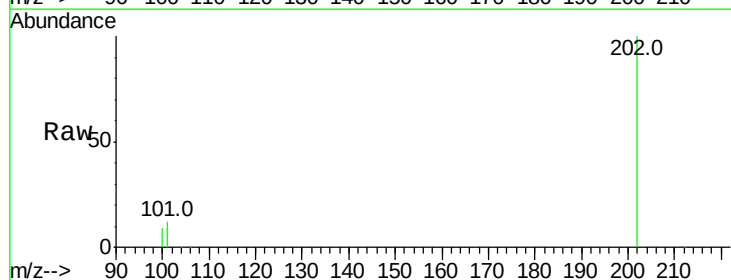
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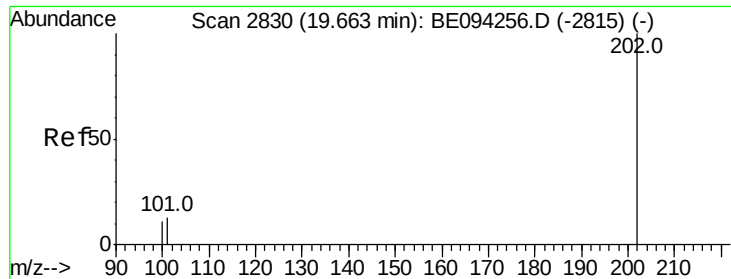
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#15
 Fluoranthene
 Concen: 4.425 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. 0.00 min
 Lab File: BE094263.D
 Acq: 10 Oct 2017 22:32

Tgt Ion:202 Resp: 185251
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 30.3
 100 9.3 0.0 39.5





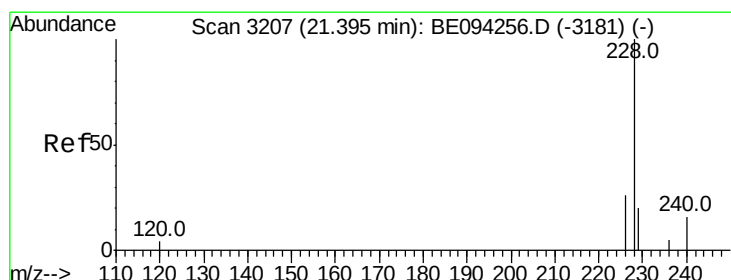
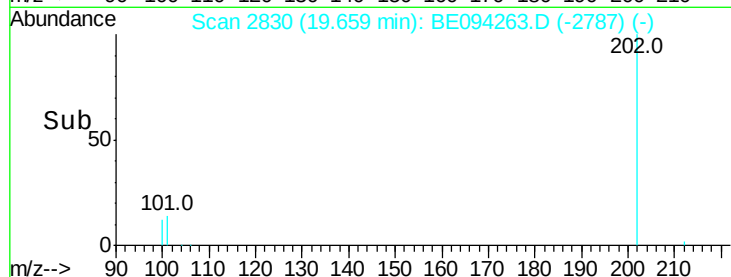
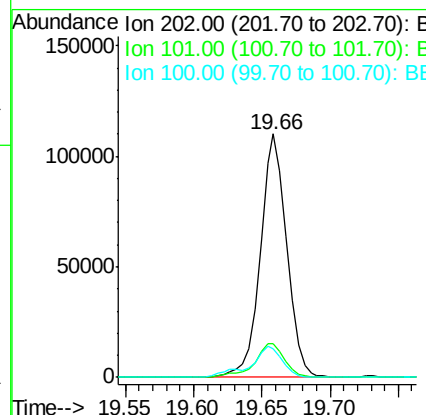
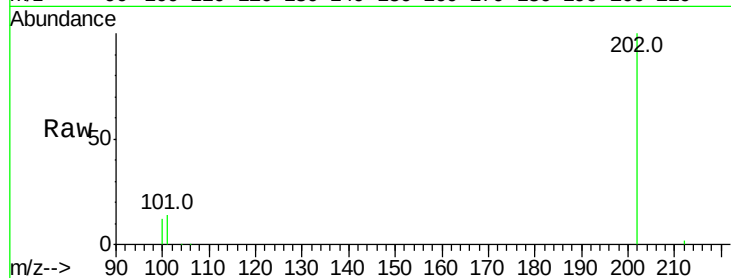
#17
Pvrene
Concen: 4.136 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Instrument :
BNA_E
ClientSampleId :
C0AC7DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	18.2	27.4#
100	11.7	15.6	23.4#

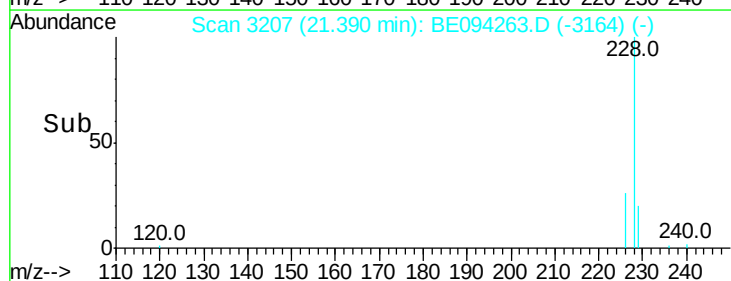
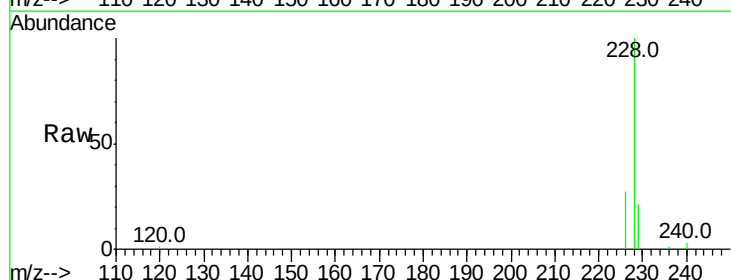
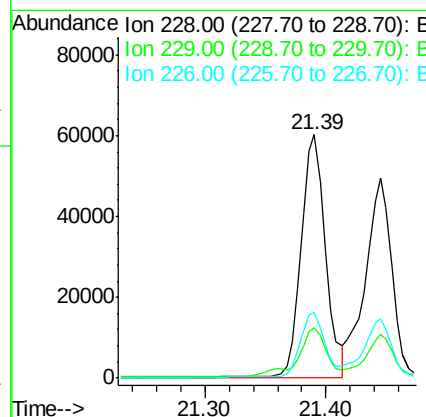
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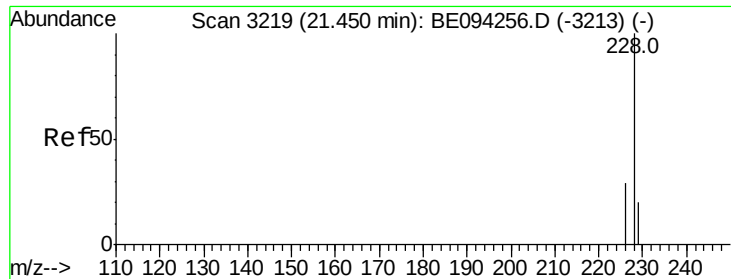
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#18
Benzo(a)anthracene
Concen: 2.447 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	26.8	17.0	25.6#





#19

Chrysene

Concen: 1.915 ng/ul

RT: 21.44 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE094263.D

Acq: 10 Oct 2017 22:32

Instrument :

BNA_E

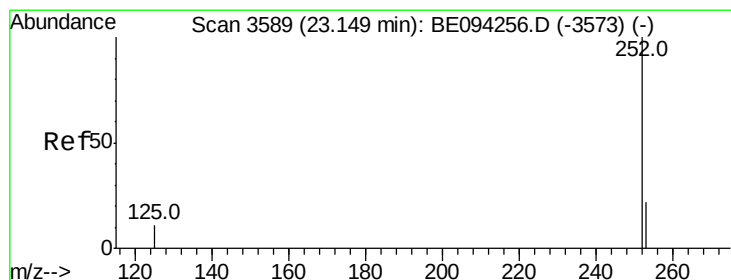
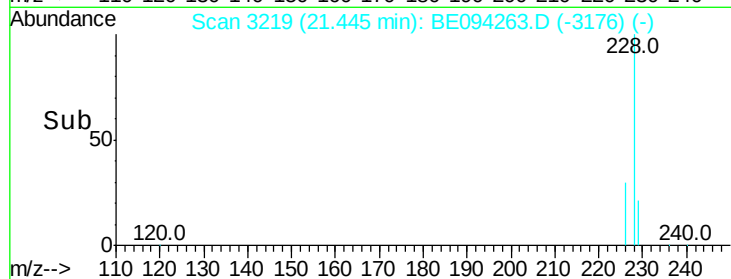
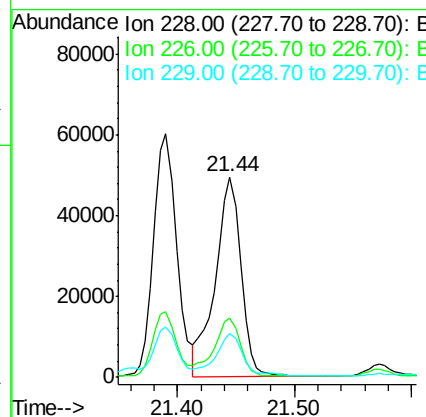
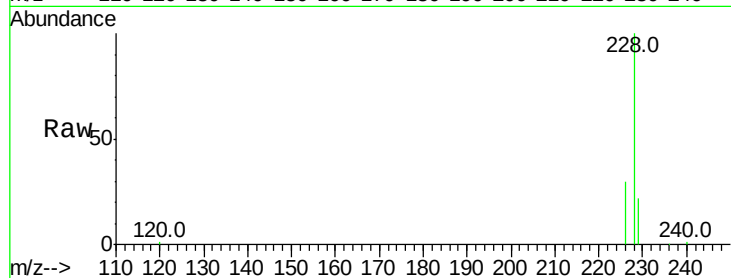
ClientSampleId :

C0AC7DL

Tot Ion:	228	Resp:	75305
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.0
229	22.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.268 ng/ul m

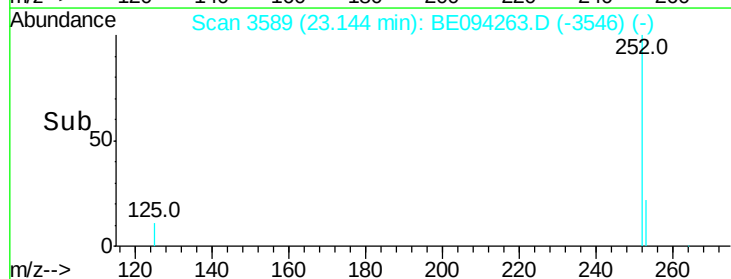
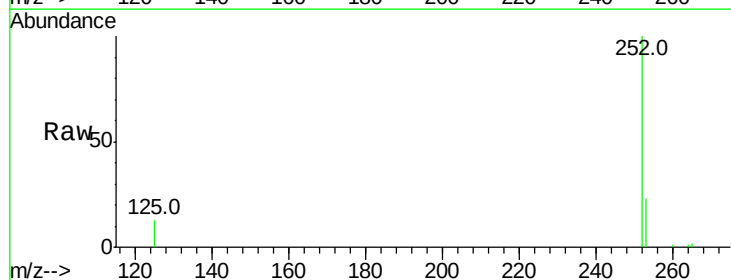
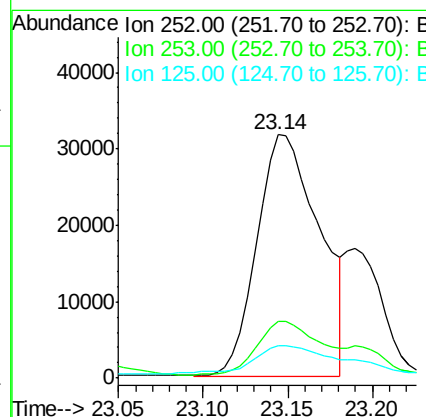
RT: 23.14 min Scan# 3589

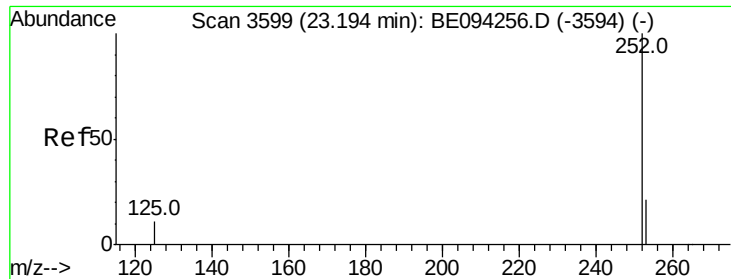
Delta R.T. -0.00 min

Lab File: BE094263.D

Acq: 10 Oct 2017 22:32

Tgt Ion:	252	Resp:	81886
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	13.2	0.0	35.0





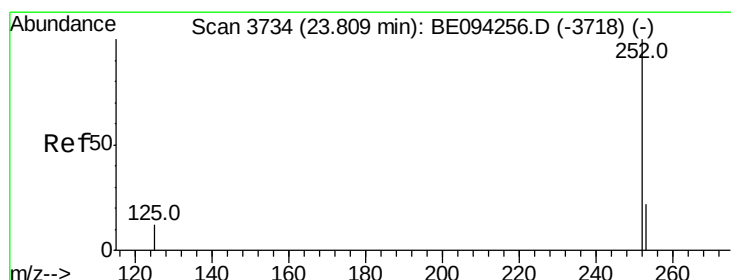
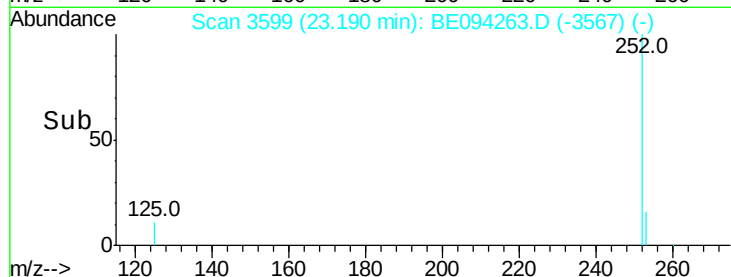
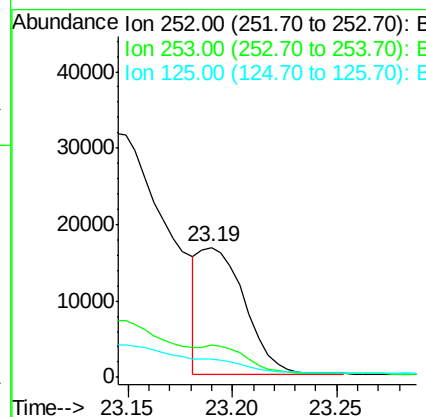
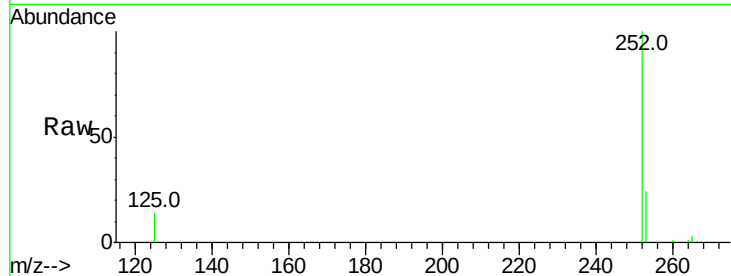
#22
Benzo(k)fluoranthene
Concen: 0.614 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Instrument :
BNA_E
ClientSampleId :
C0AC7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	24.5	36.7
125	14.2	13.7	20.5

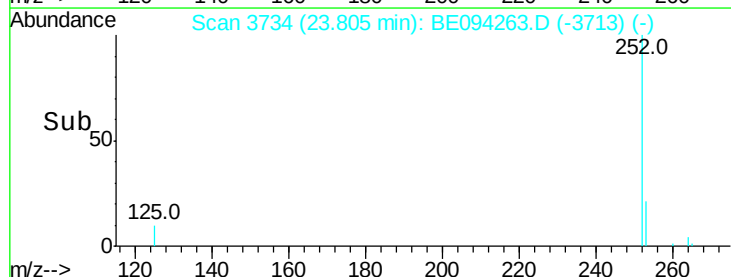
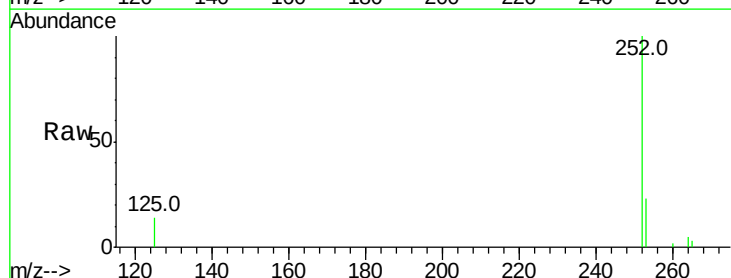
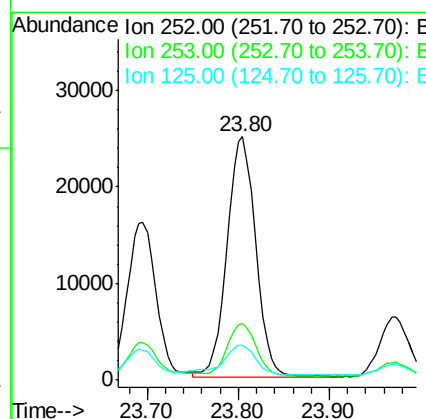
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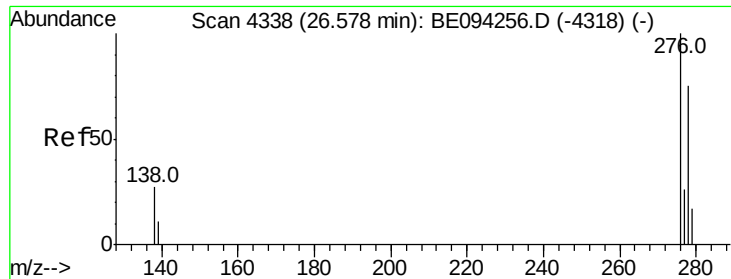
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#23
Benzo(a)pyrene
Concen: 1.441 ng/ul
RT: 23.80 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BE094263.D
Acq: 10 Oct 2017 22:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	14.4	18.1	27.1#





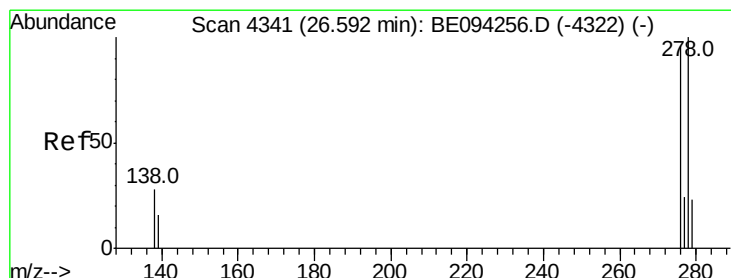
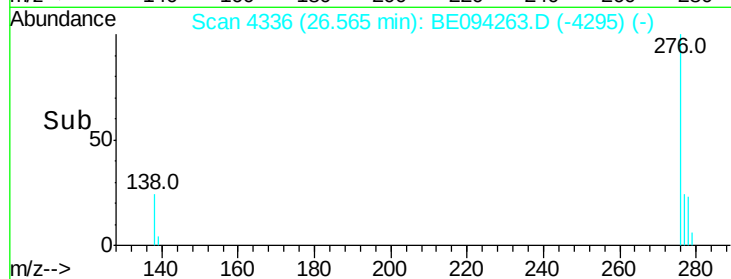
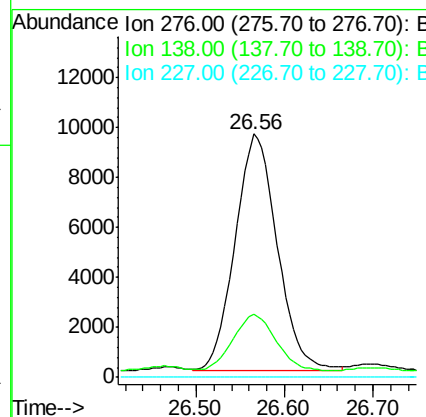
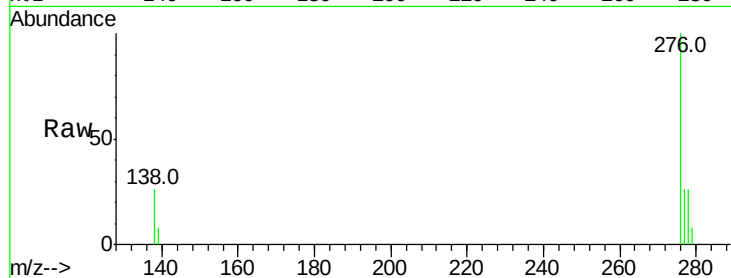
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.815 ng/ul
 RT: 26.56 min Scan# 4336
 Delta R.T. -0.01 min
 Lab File: BE094263.D
 Acq: 10 Oct 2017 22:32

Instrument :
 BNA_E
 ClientSampleId :
 C0AC7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	28.0	42.0#
227	0.0	8.0	12.0#

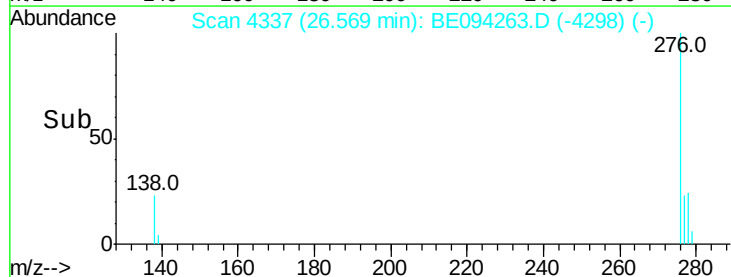
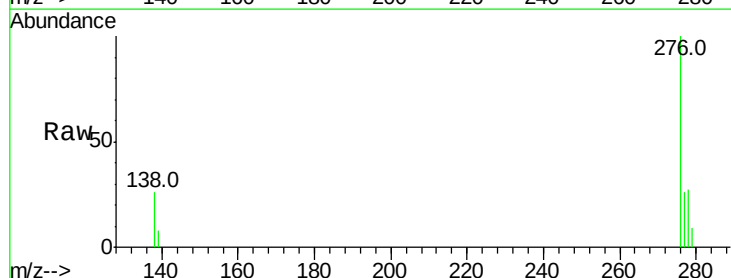
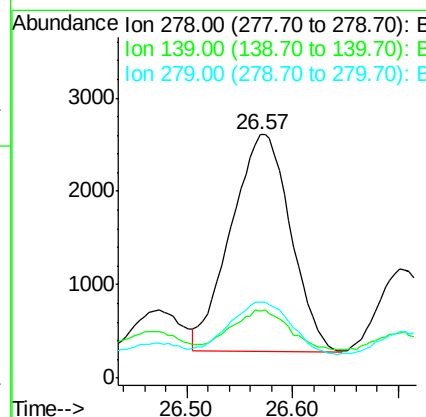
Manual Integrations
 APPROVED

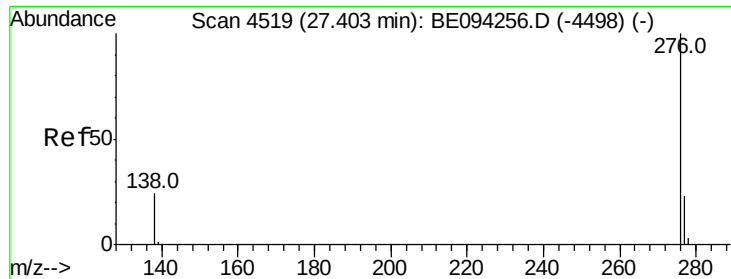
Sohil
 10/11/2017 7:20:11 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.284 ng/ul
 RT: 26.57 min Scan# 4337
 Delta R.T. -0.02 min
 Lab File: BE094263.D
 Acq: 10 Oct 2017 22:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.5	17.4	26.0#
279	31.4	25.9	38.9





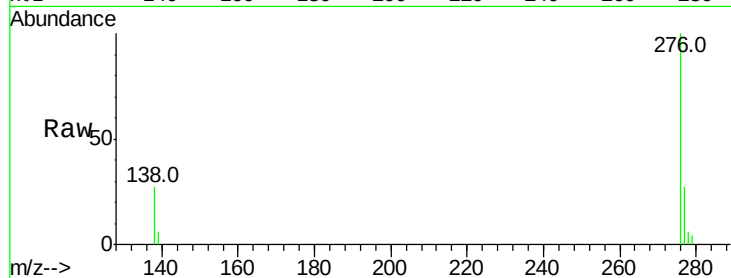
#26
 Benzo(a,h,i)perylene
 Concen: 0.696 ng/ul
 RT: 27.39 min Scan# 4517
 Delta R.T. -0.01 min
 Lab File: BE094263.D
 Acq: 10 Oct 2017 22:32

Instrument :
 BNA_E
 ClientSampleId :
 C0AC7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.8
277	26.6	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:20:11 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

