

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
 Data File : BE093270.D
 Acq On : 20 Jun 2017 3:09
 Operator : SJ/MA
 Sample : I3599-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5D42

Manual Integrations
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mohammad
 6/20/2017 3:13:28 PM

Quant Time: Jun 20 09:32:00 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2745	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	14199	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	8751	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20194	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	20014	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	16664m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5157	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	12484	0.23	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	56447	1.602	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	14890	0.618	ng/ul	98
7) Acenaphthylene	14.09	152	90794	2.418	ng/ul	95
8) Acenaphthene	14.43	153	23600	0.779	ng/ul	97
9) Fluorene	15.42	166	16308	0.459	ng/ul	93
12) Phenanthrene	17.14	178	320153	5.762	ng/ul#	88
13) Anthracene	17.22	178	227125	4.695	ng/ul#	87
15) Fluoranthene	19.16	202	2267425	33.277	ng/ul	84
17) Pyrene	19.52	202	2145189	36.345	ng/ul#	86
18) Benzo(a)anthracene	21.25	228	1136228	21.283	ng/ul#	85
19) Chrysene	21.30	228	1255063	22.663	ng/ul	97
21) Benzo(b)fluoranthene	22.94	252	1424889	28.176	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	471102m	8.771	ng/ul	
23) Benzo(a)pyrene	23.57	252	633595m	13.251	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	382082m	6.901	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	122793m	2.634	ng/ul	
26) Benzo(g,h,i)perylene	26.97	276	266495	5.613	ng/ul	96

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

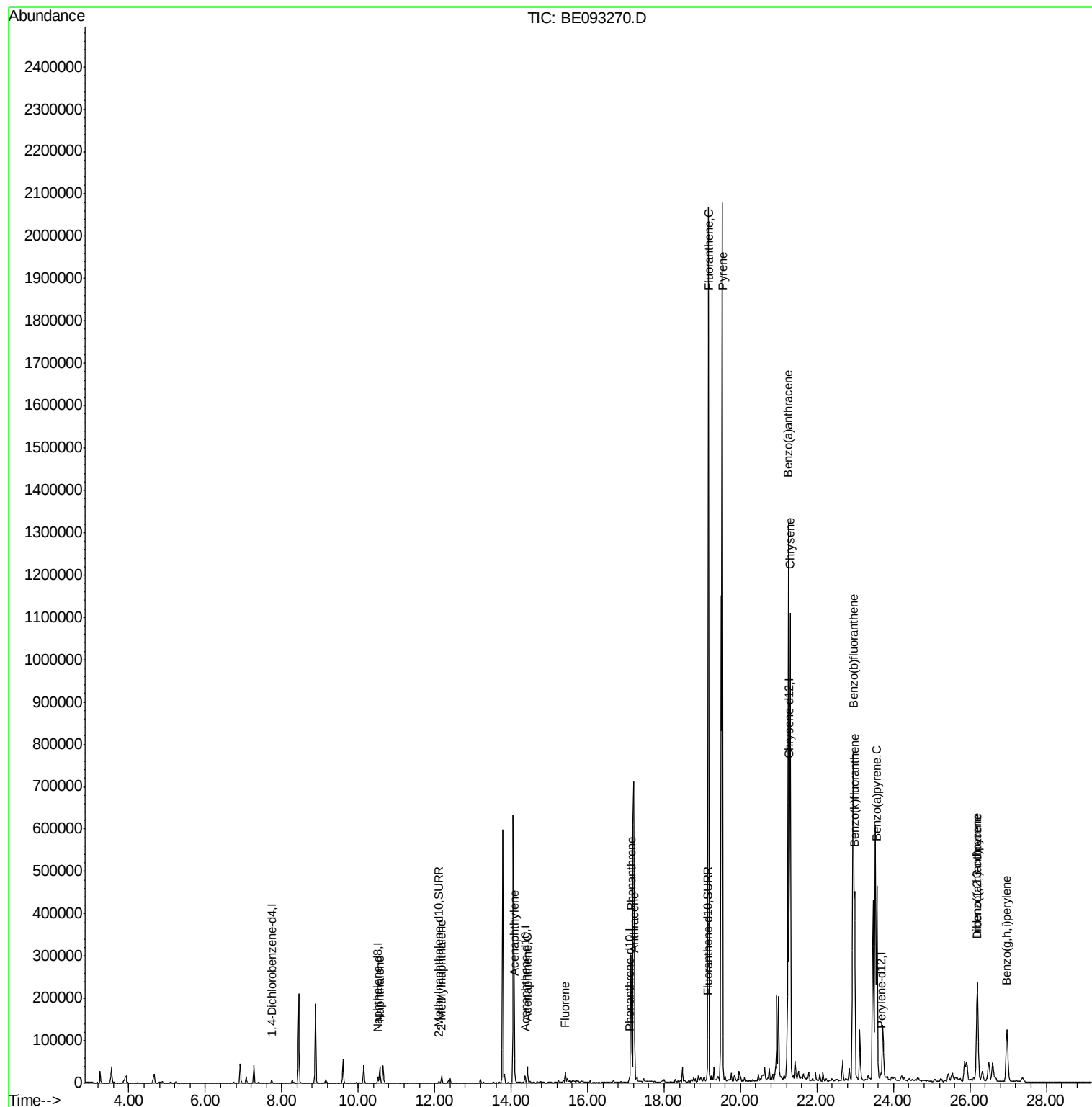
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
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ALS Vial : 28 Sample Multiplier: 1

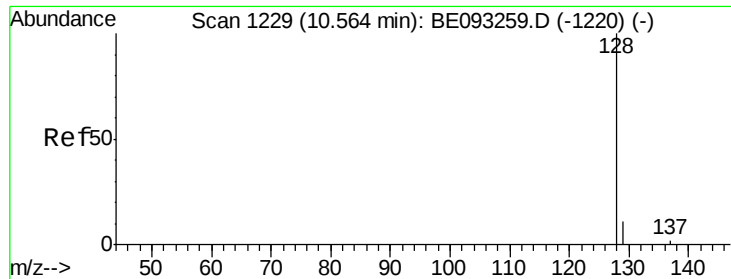
Instrument :
BNA_E
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F5D42

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#3

Naphthalene

Concen: 1.602 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093270.D

Acq: 20 Jun 2017 3:09

Instrument :

BNA_E

ClientSampleId :

F5D42

Tgt Ion:128 Resp: 56447

Ion Ratio Lower Upper

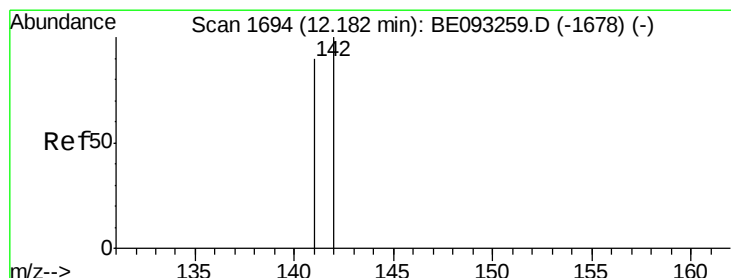
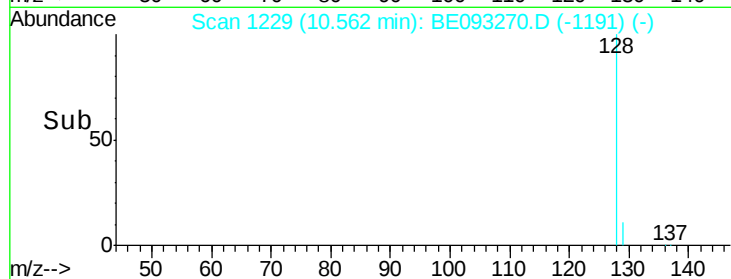
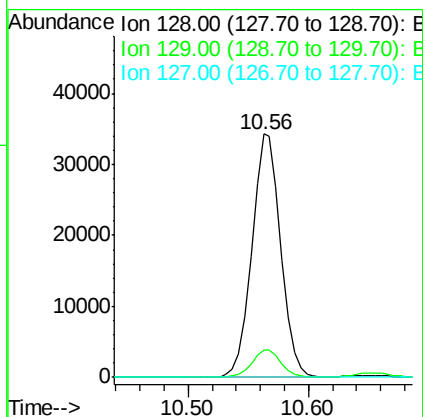
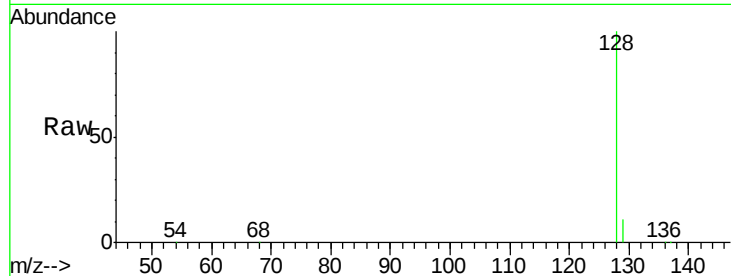
128 100

129 11.3 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.618 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093270.D

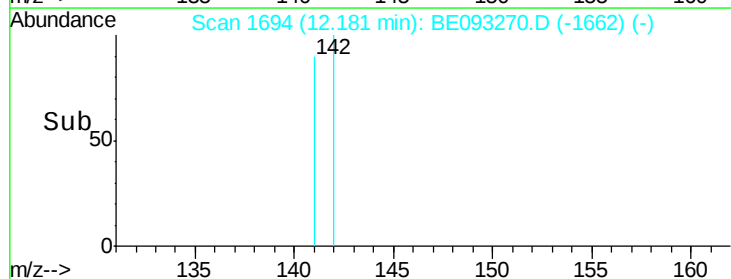
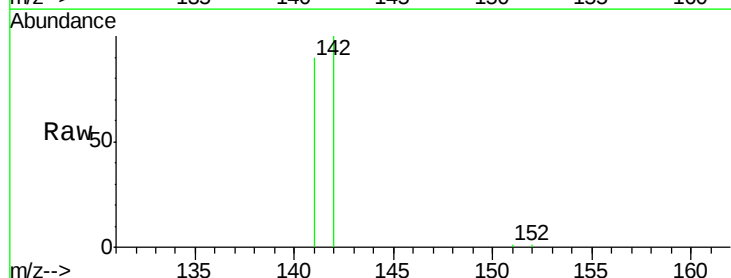
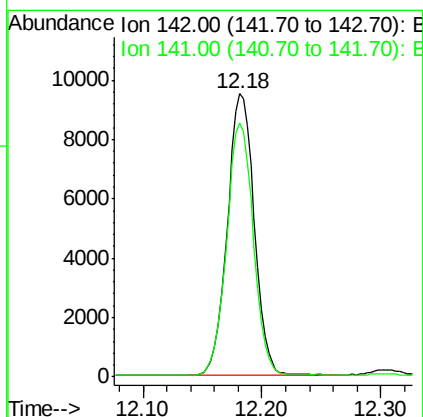
Acq: 20 Jun 2017 3:09

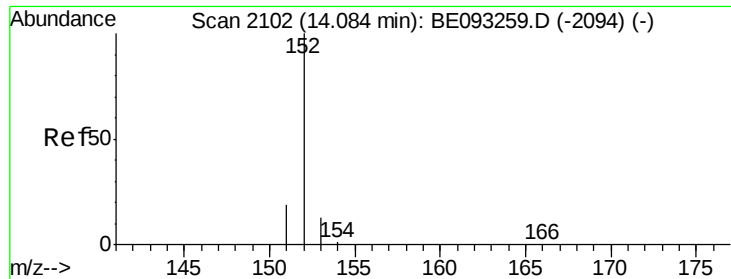
Tgt Ion:142 Resp: 14890

Ion Ratio Lower Upper

142 100

141 89.2 72.6 108.8





#7

Acenaphthylene

Concen: 2.418 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093270.D

Acq: 20 Jun 2017 3:09

Instrument :

BNA_E

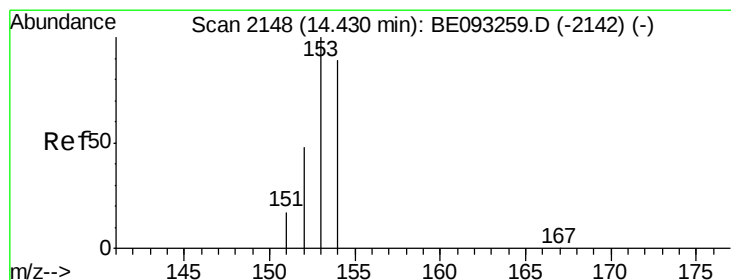
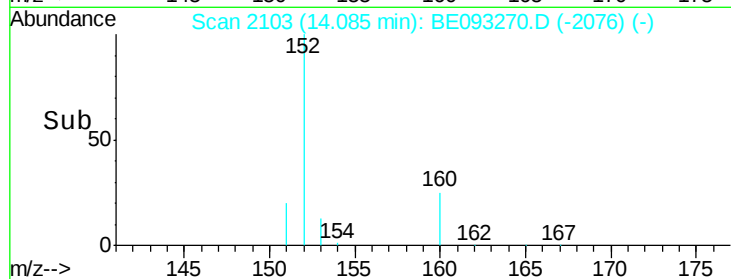
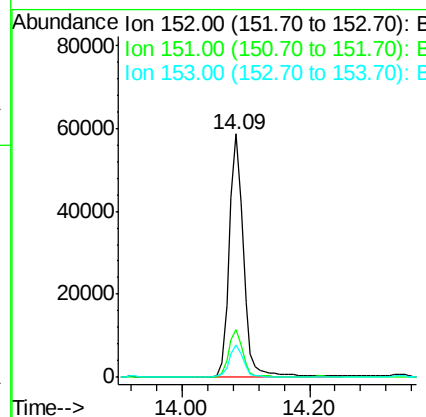
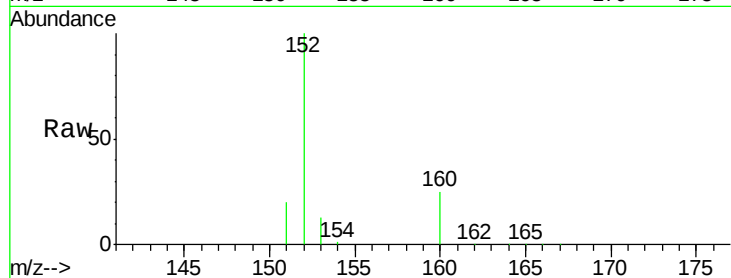
ClientSampleId :

F5D42

Tgt Ion:	152	Resp:	90794
Ion Ratio	Lower	Upper	
152	100		
151	19.8	17.1	25.7
153	13.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.779 ng/ul

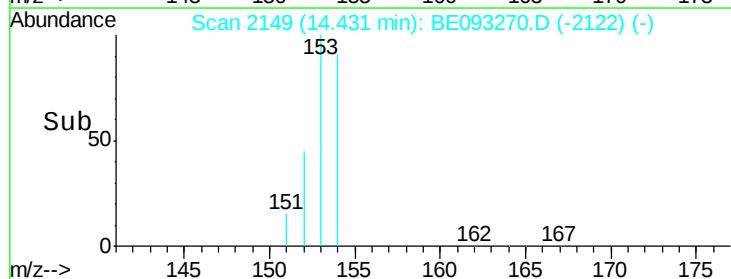
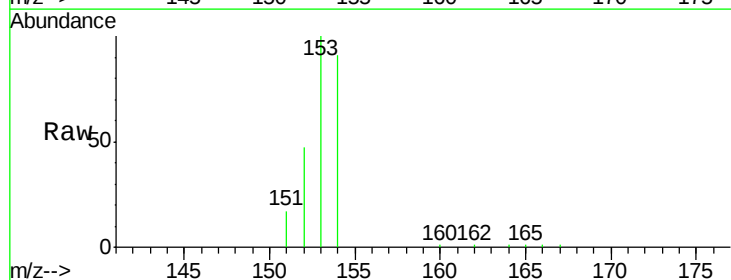
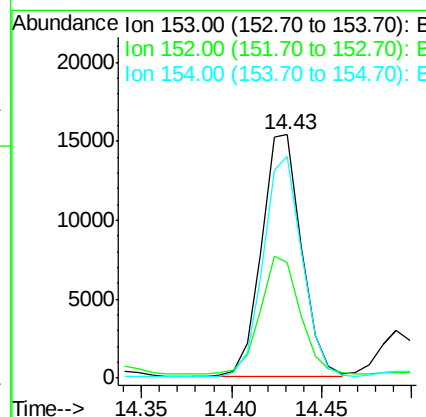
RT: 14.43 min Scan# 2149

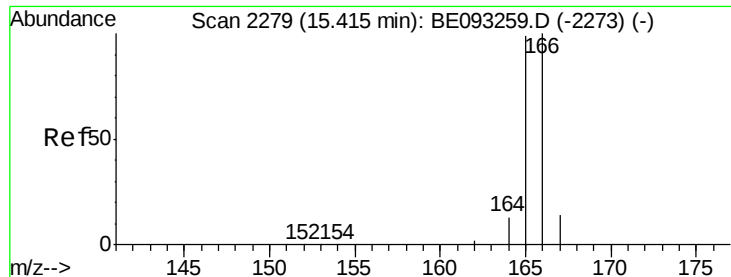
Delta R.T. 0.00 min

Lab File: BE093270.D

Acq: 20 Jun 2017 3:09

Tgt Ion:	153	Resp:	23600
Ion Ratio	Lower	Upper	
153	100		
152	47.3	40.3	60.5
154	91.3	71.4	107.2





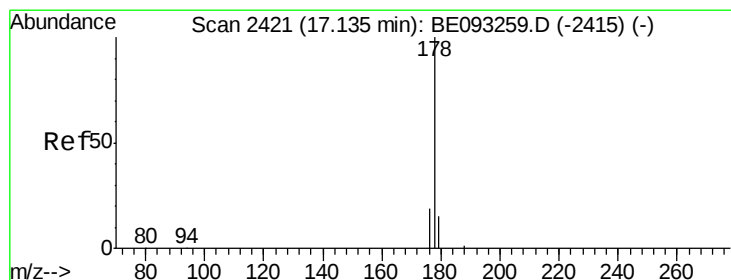
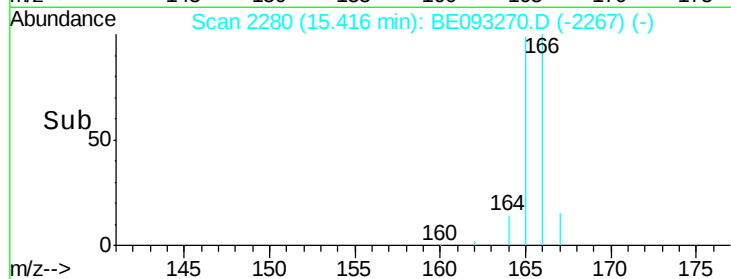
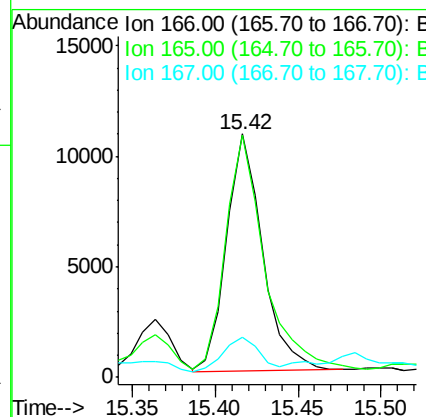
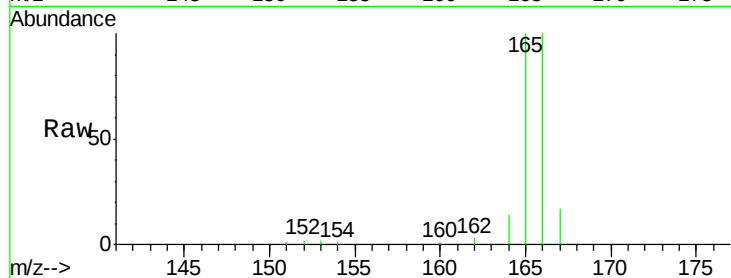
#9
Fluorene
 Concen: 0.459 ng/ul
 RT: 15.42 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BE093270.D
 Acq: 20 Jun 2017 3:09

Instrument :
 BNA_E
 ClientSampleId :
 F5D42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	73.4	110.2
167	16.7	14.6	22.0

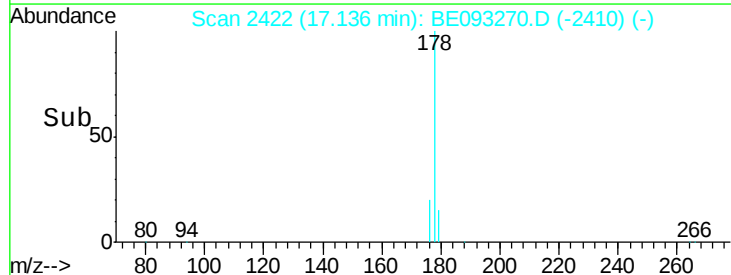
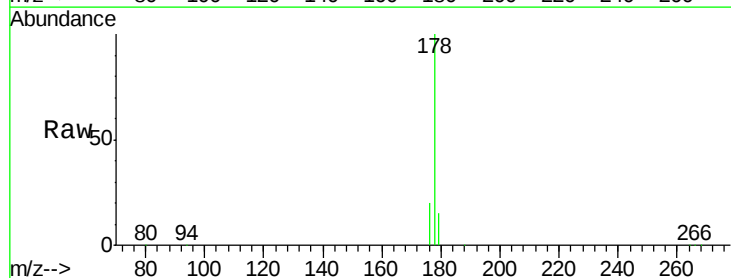
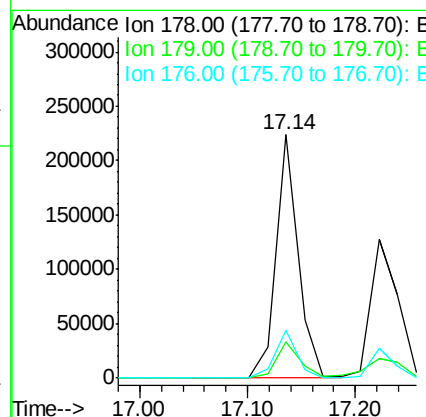
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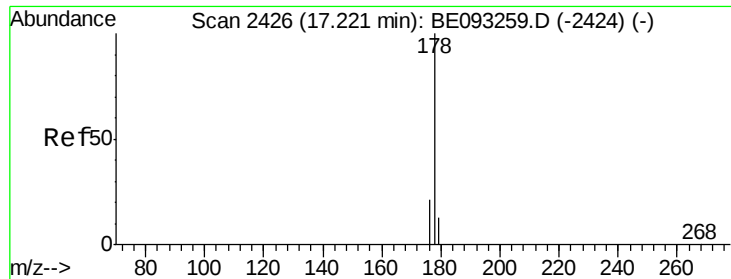
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#12
Phenanthrene
 Concen: 5.762 ng/ul
 RT: 17.14 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BE093270.D
 Acq: 20 Jun 2017 3:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	18.4	27.6#
176	19.9	13.6	20.4





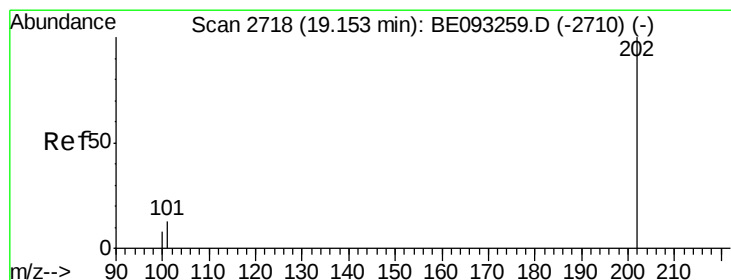
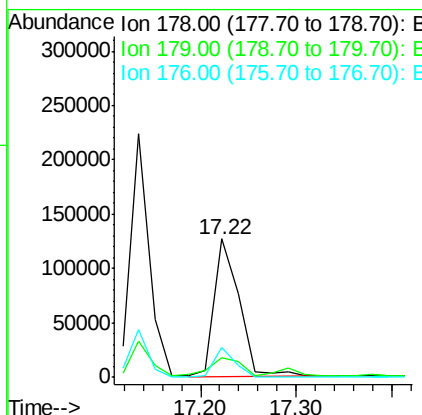
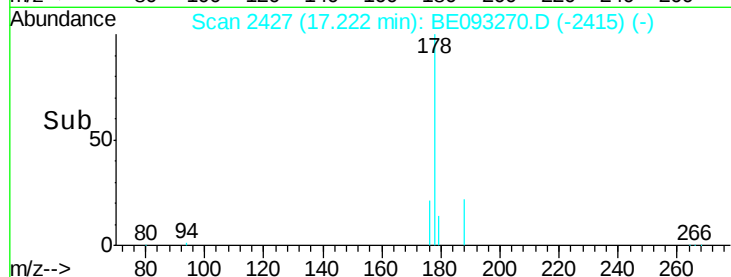
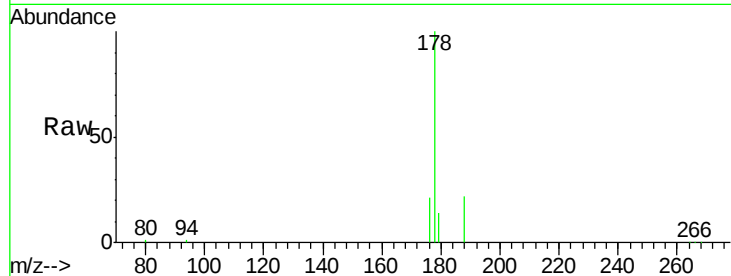
#13
 Anthracene
 Concen: 4.695 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BE093270.D
 Acq: 20 Jun 2017 3:09

Instrument :
 BNA_E
 ClientSampled :
 F5D42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	18.1	27.1#
176	21.4	14.7	22.1

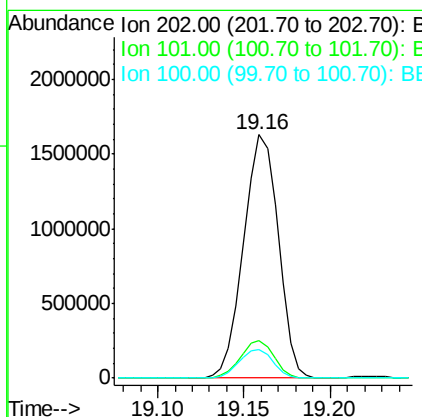
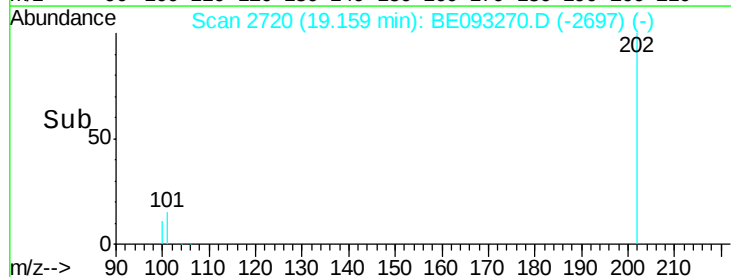
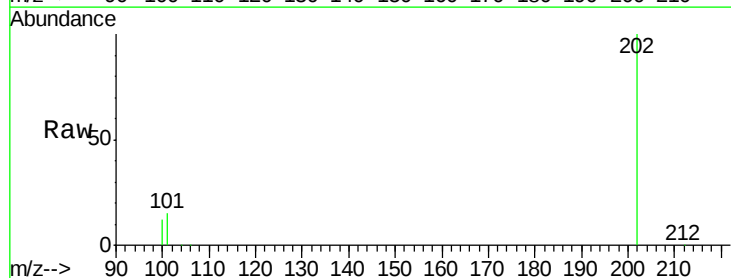
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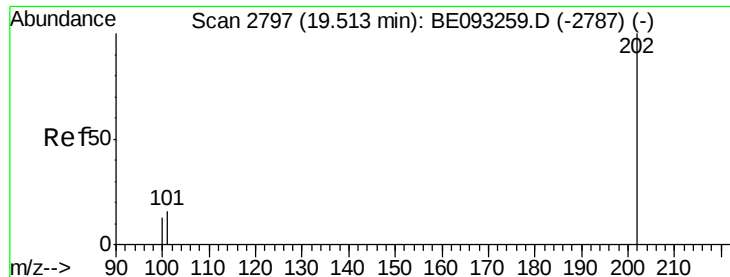
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#15
 Fluoranthene
 Concen: 33.277 ng/ul
 RT: 19.16 min Scan# 2720
 Delta R.T. 0.01 min
 Lab File: BE093270.D
 Acq: 20 Jun 2017 3:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	30.3
100	11.5	0.0	39.5





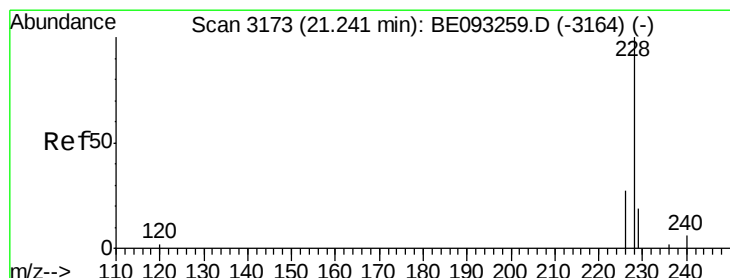
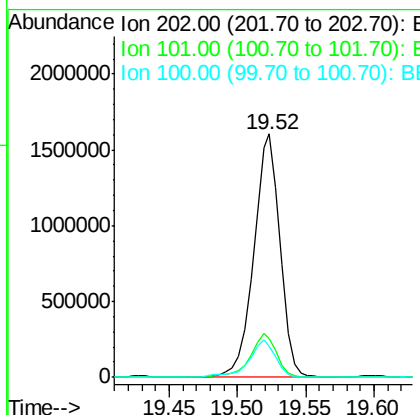
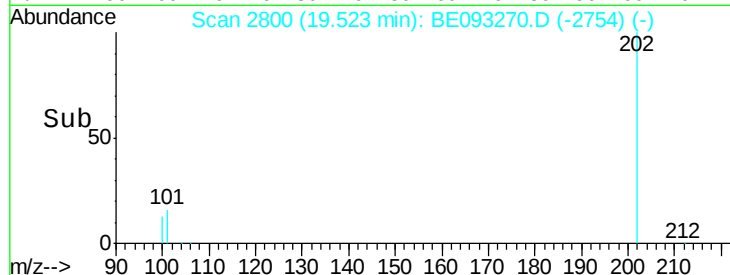
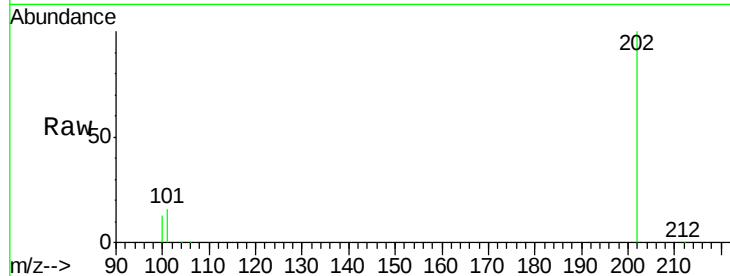
#17
 Pyrene
 Concen: 36.345 ng/ul
 RT: 19.52 min Scan# 2800
 Delta R.T. 0.01 min
 Lab File: BE093270.D
 Acq: 20 Jun 2017 3:09

Instrument :
 BNA_E
 ClientSampleId :
 F5D42

Tgt Ion: 202 Resp: 2145189
 Ion Ratio Lower Upper
 202 100
 101 16.1 18.2 27.4#
 100 12.9 15.6 23.4#

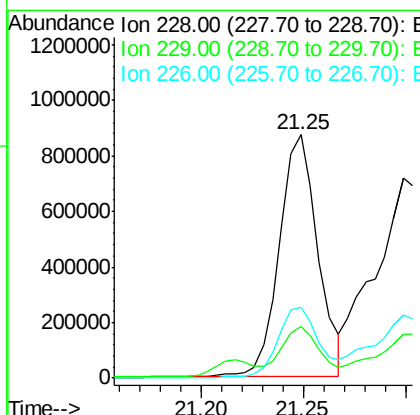
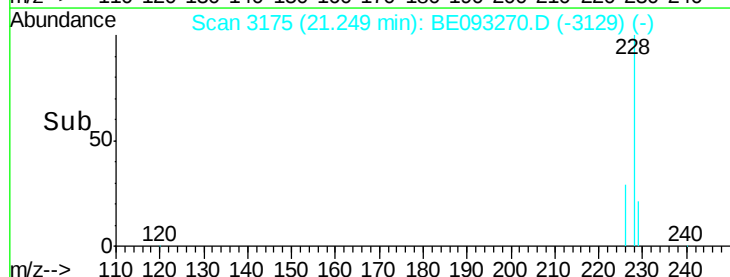
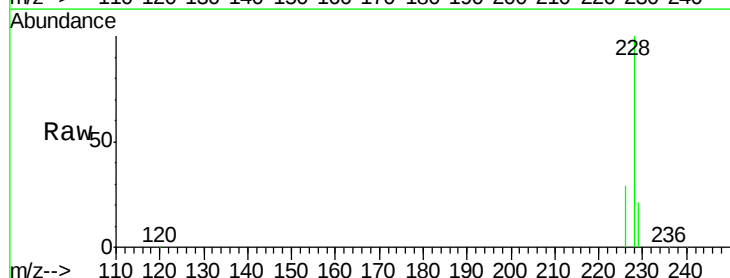
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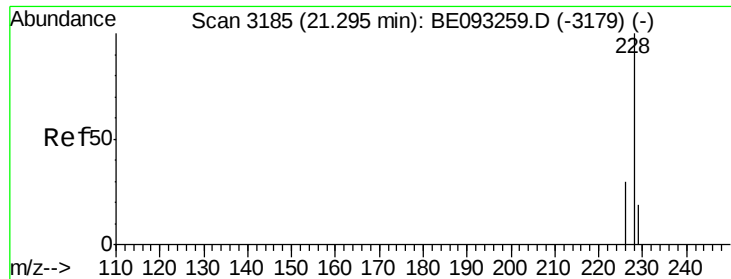
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#18
 Benzo(a)anthracene
 Concen: 21.283 ng/ul
 RT: 21.25 min Scan# 3175
 Delta R.T. 0.01 min
 Lab File: BE093270.D
 Acq: 20 Jun 2017 3:09

Tgt Ion: 228 Resp: 1136228
 Ion Ratio Lower Upper
 228 100
 229 21.4 22.8 34.2#
 226 29.1 17.0 25.6#





#19

Chrysene

Concen: 22.663 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093270.D

Acq: 20 Jun 2017 3:09

Instrument :

BNA_E

ClientSampleId :

F5D42

Tgt Ion:228 Resp: 1255063

Ion Ratio Lower Upper

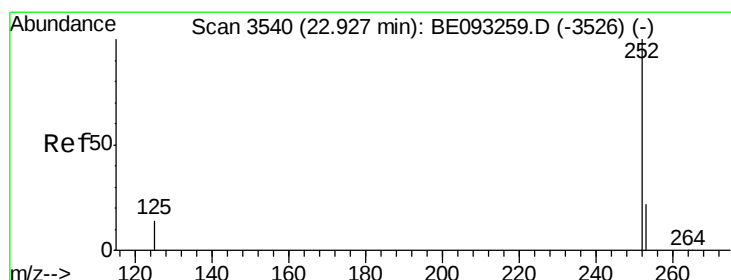
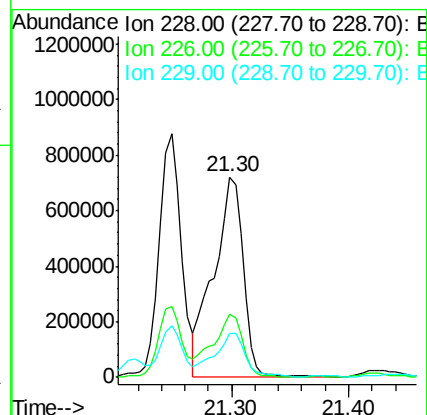
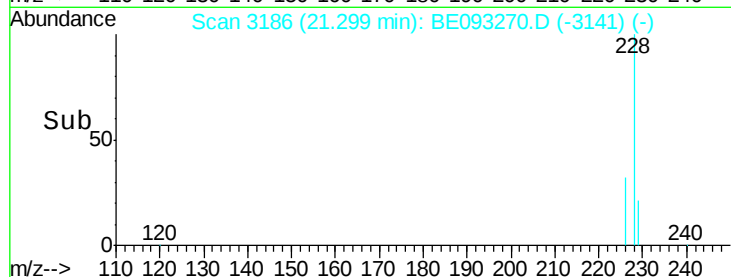
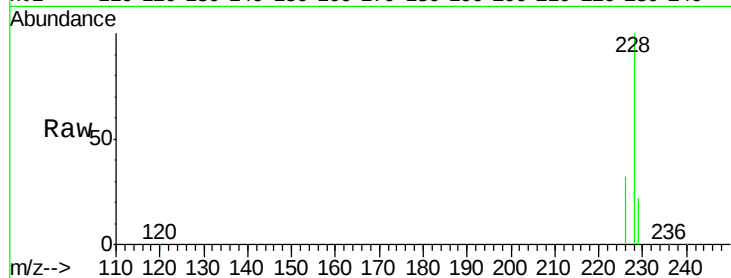
228 100

226 31.8 23.4 35.0

229 21.7 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 28.176 ng/ul

RT: 22.94 min Scan# 3544

Delta R.T. 0.02 min

Lab File: BE093270.D

Acq: 20 Jun 2017 3:09

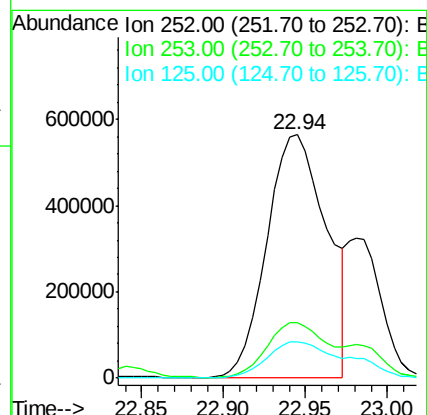
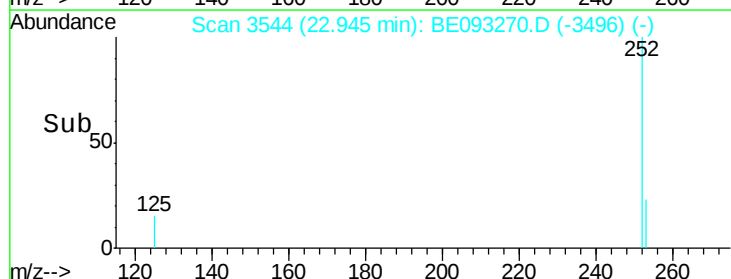
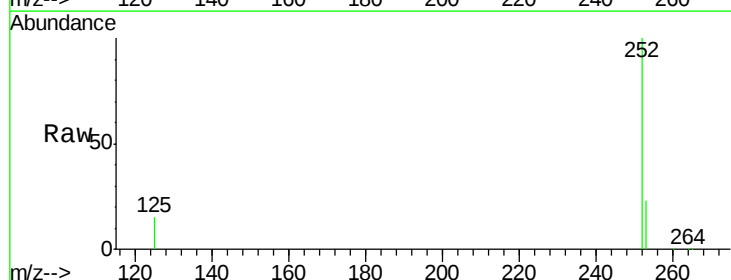
Tgt Ion:252 Resp: 1424889

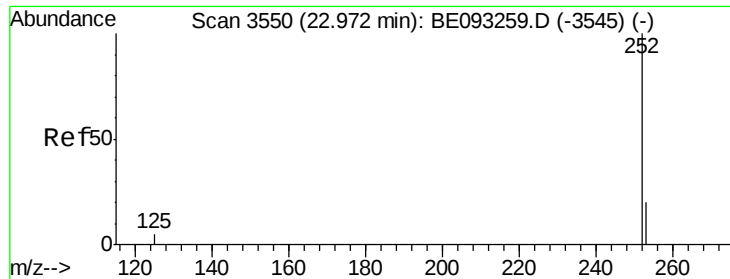
Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

125 15.1 0.0 35.0





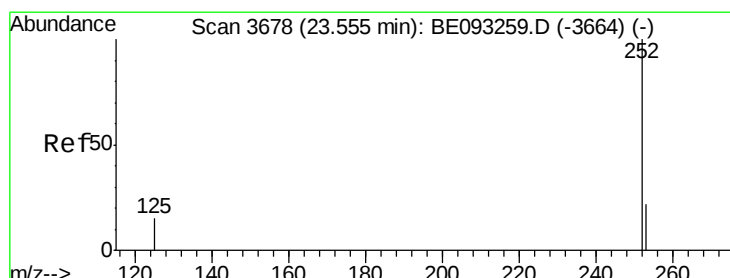
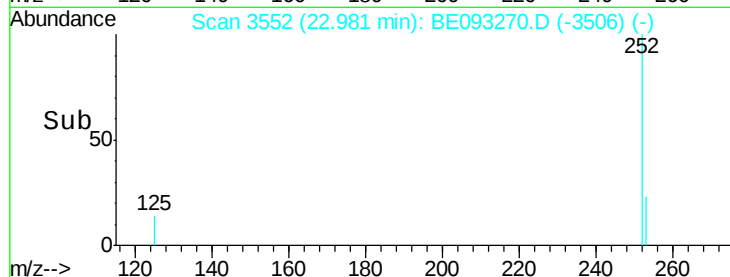
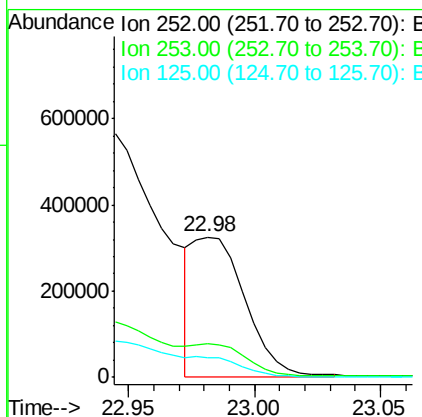
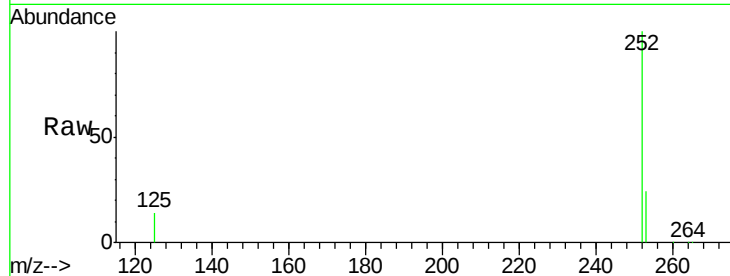
#22
Benzo(k)fluoranthene
Concen: 8.771 ng/ul m
RT: 22.98 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BE093270.D
Acq: 20 Jun 2017 3:09

Instrument :
BNA_E
ClientSampleId :
F5D42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	14.3	13.7	20.5

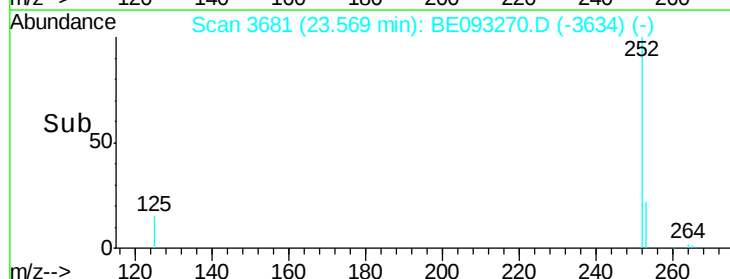
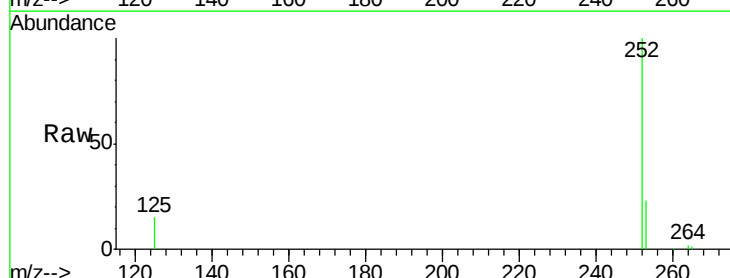
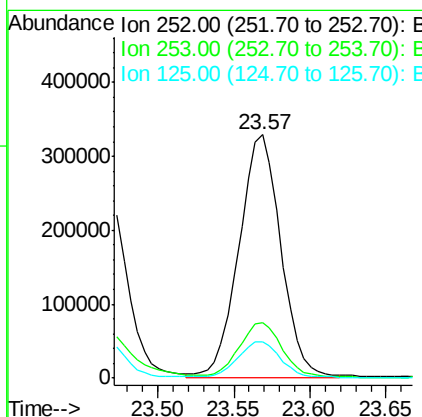
Manual Integrations
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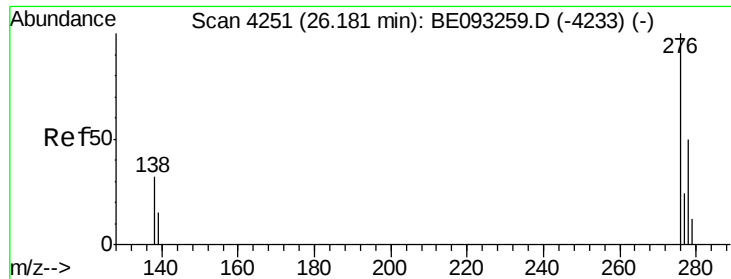
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#23
Benzo(a)pyrene
Concen: 13.251 ng/ul m
RT: 23.57 min Scan# 3681
Delta R.T. 0.01 min
Lab File: BE093270.D
Acq: 20 Jun 2017 3:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	28.5	42.7#
125	15.1	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 6.901 ng/ul m

RT: 26.19 min Scan# 4253

Delta R.T. 0.01 min

Lab File: BE093270.D

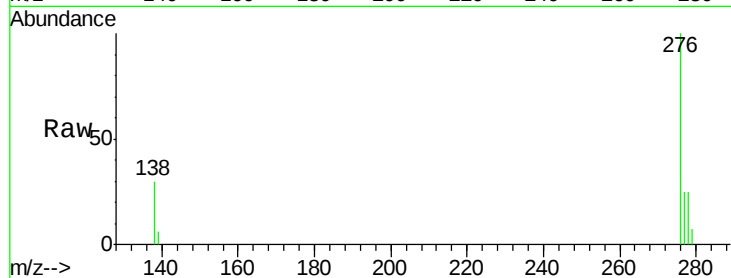
Acq: 20 Jun 2017 3:09

Instrument :

BNA_E

ClientSampleId :

F5D42



Tgt Ion: 276 Resp: 382082

Ion Ratio Lower Upper

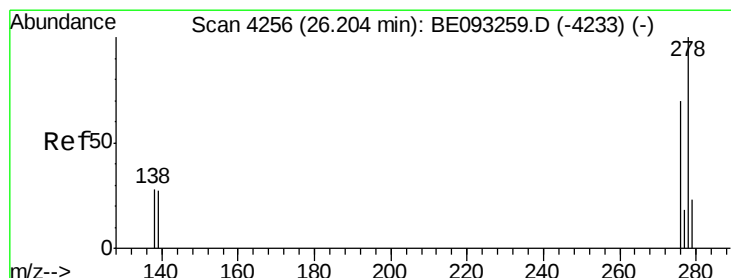
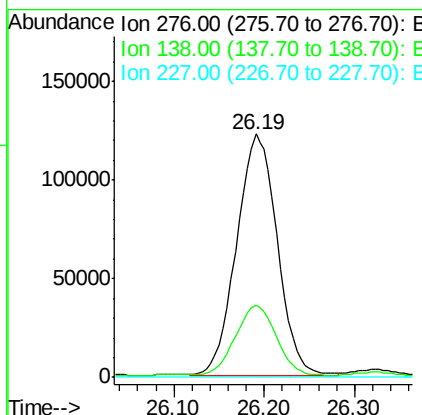
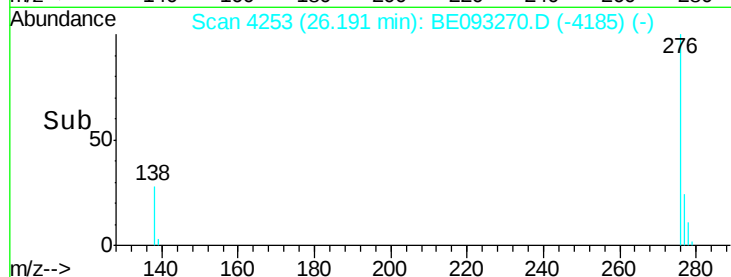
276 100

138 3.2 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

mohammad
6/20/2017 3:13:28 PM



#25

Dibenzo(a,h)anthracene

Concen: 2.634 ng/ul m

RT: 26.20 min Scan# 4256

Delta R.T. 0.00 min

Lab File: BE093270.D

Acq: 20 Jun 2017 3:09

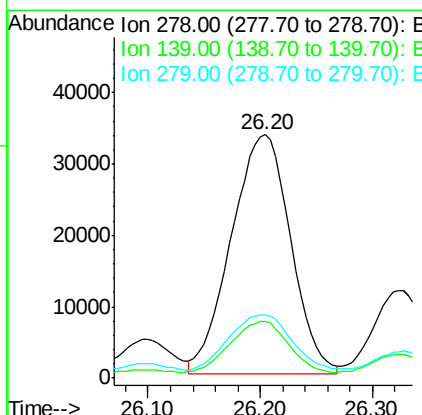
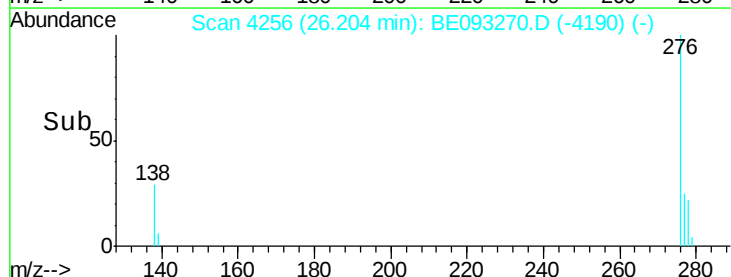
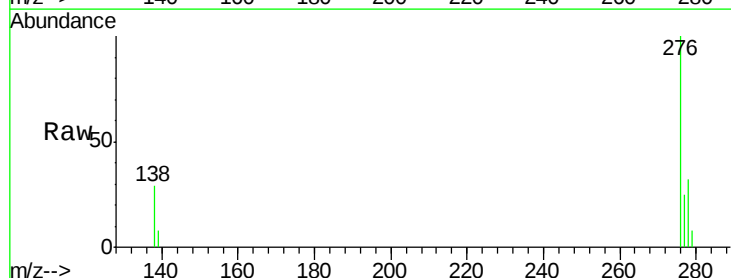
Tgt Ion: 278 Resp: 122793

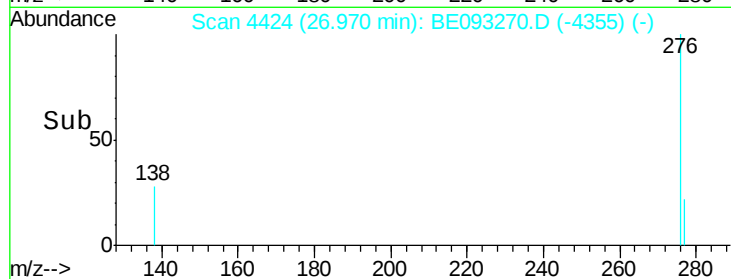
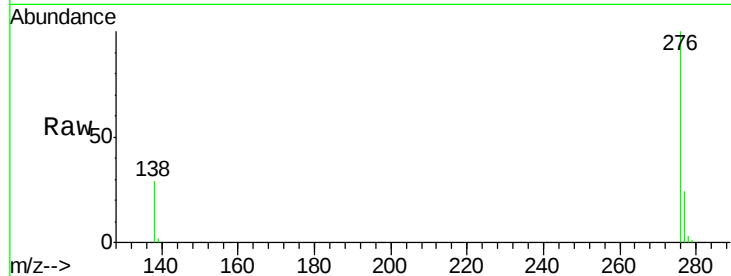
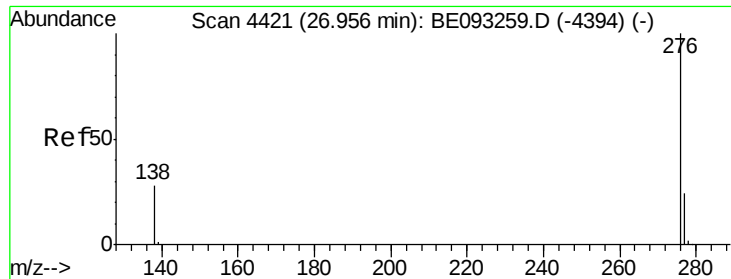
Ion Ratio Lower Upper

278 100

139 23.5 17.4 26.0

279 26.1 25.9 38.9





#26

Benzo(g,h,i)perylene

Concen: 5.613 ng/ul

RT: 26.97 min Scan# 4424

Delta R.T. 0.01 min

Lab File: BE093270.D

Acq: 20 Jun 2017 3:09

Instrument :

BNA_E

ClientSampleId :

F5D42

Tgt Ion:	276	Resp:	266495
Ion Ratio	Lower	Upper	
276	100		
138	29.3	21.8	32.8
277	24.0	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/20/2017 3:13:28 PM

