

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093289.D
 Acq On : 20 Jun 2017 19:49
 Operator : SJ/JU
 Sample : I3627-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A91

Manual Integrations
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 6/21/2017 12:18:36 PM

Quant Time: Jun 21 03:22:05 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 01:49:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1809	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9364	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	6075	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14119	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	14246	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11471m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3694	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	10146	0.26	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	80614	3.470	ng/ul#	90
5) 2-Methylnaphthalene	12.18	142	23975	1.509	ng/ul	98
7) Acenaphthylene	14.09	152	2415	0.093	ng/ul#	90
8) Acenaphthene	14.42	153	11563	0.550	ng/ul	97
9) Fluorene	15.42	166	28668	1.163	ng/ul	93
12) Phenanthrene	17.14	178	351158	9.039	ng/ul#	89
13) Anthracene	17.22	178	47482	1.404	ng/ul#	89
15) Fluoranthene	19.15	202	265180	5.566	ng/ul	84
17) Pyrene	19.52	202	167199	3.980	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	46226	1.216	ng/ul#	85
19) Chrysene	21.29	228	36411	0.924	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	22054	0.634	ng/ul	90
22) Benzo(k)fluoranthene	22.97	252	8627m	0.233	ng/ul	
23) Benzo(a)pyrene	23.55	252	13709m	0.416	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	4760m	0.125	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	1596m	0.050	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	3846	0.118	ng/ul#	89

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

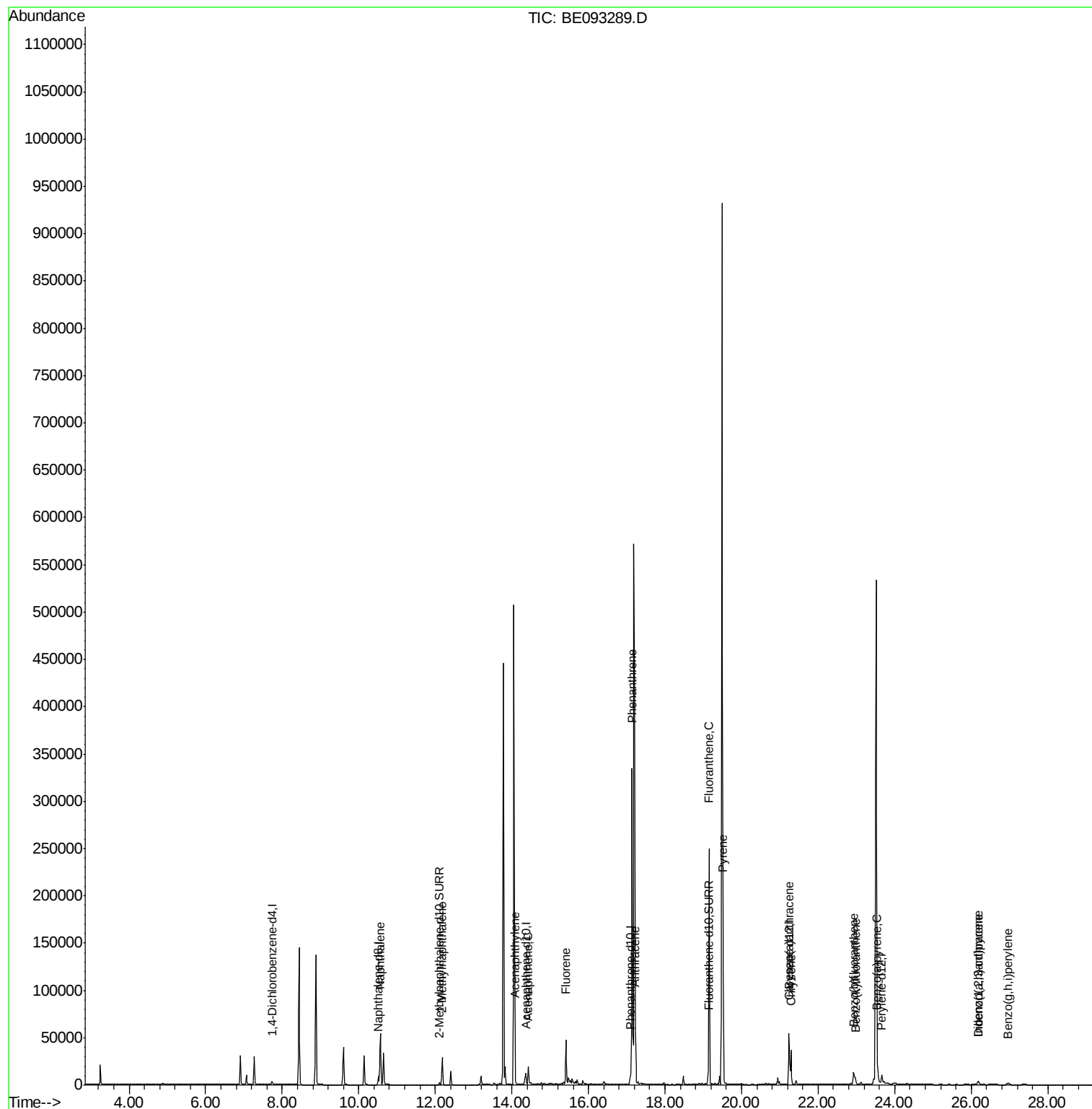
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
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Sample : I3627-18
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ALS Vial : 15 Sample Multiplier: 1

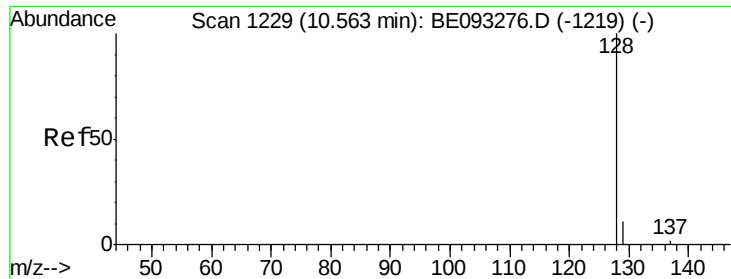
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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#3

Naphthalene

Concen: 3.470 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093289.D

Acq: 20 Jun 2017 19:49

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:128 Resp: 80614

Ion Ratio Lower Upper

128 100

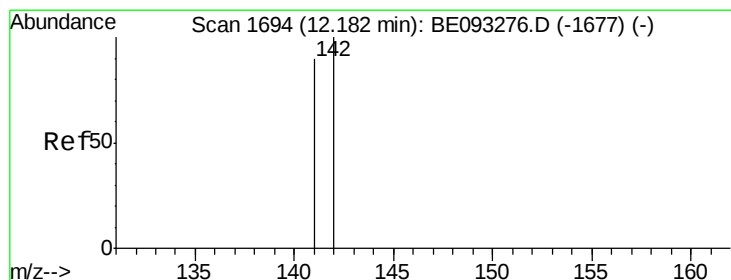
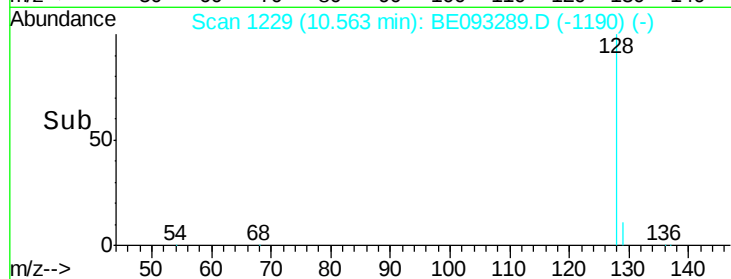
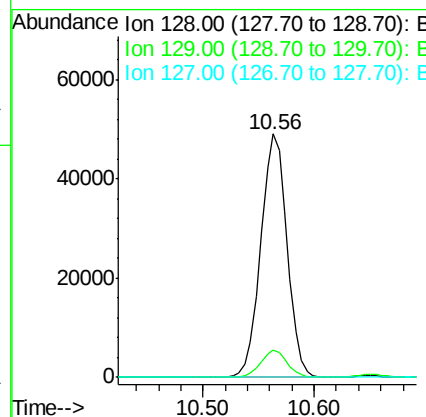
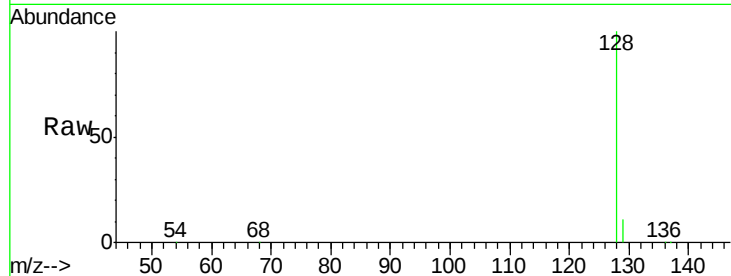
129 11.0 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 1.509 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093289.D

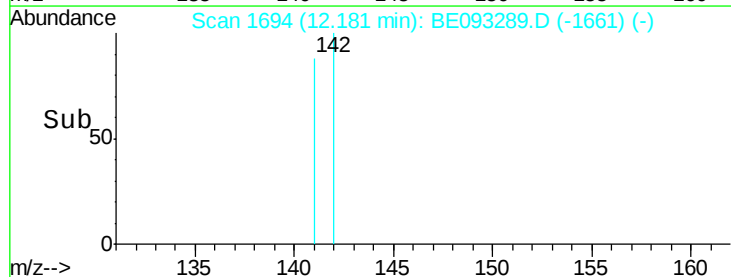
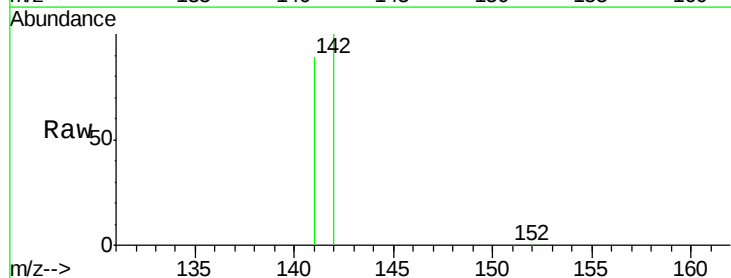
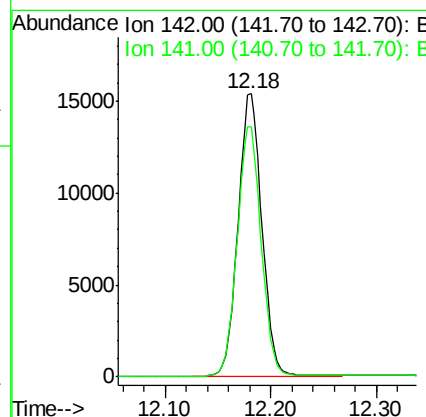
Acq: 20 Jun 2017 19:49

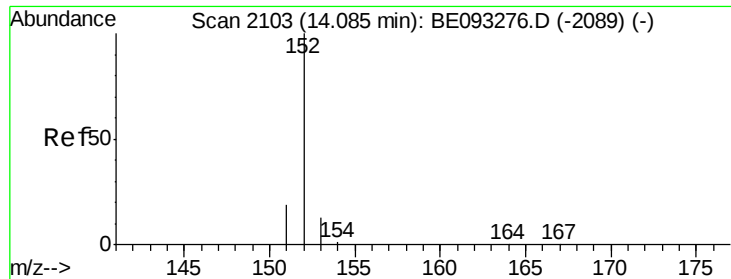
Tgt Ion:142 Resp: 23975

Ion Ratio Lower Upper

142 100

141 89.1 72.6 108.8





#7

Acenaphthylene

Concen: 0.093 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093289.D

Acq: 20 Jun 2017 19:49

Instrument :

BNA_E

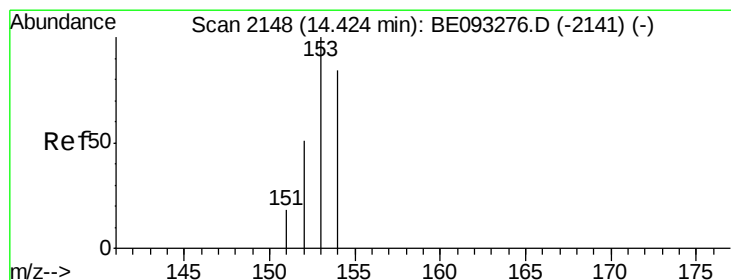
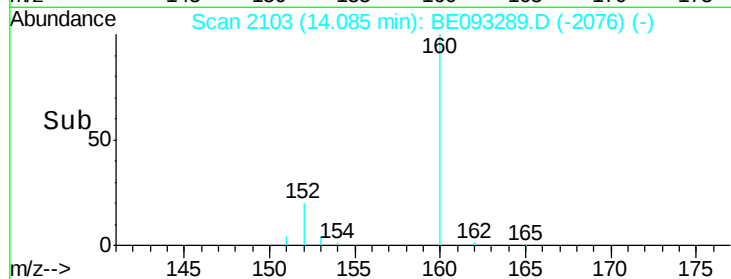
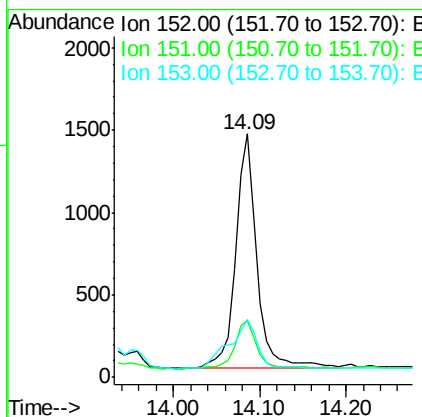
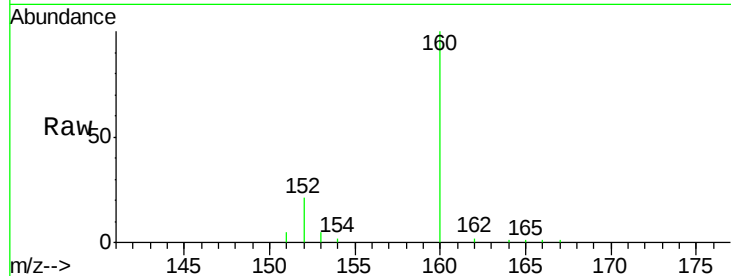
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.6	17.1	25.7
153	23.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.550 ng/ul

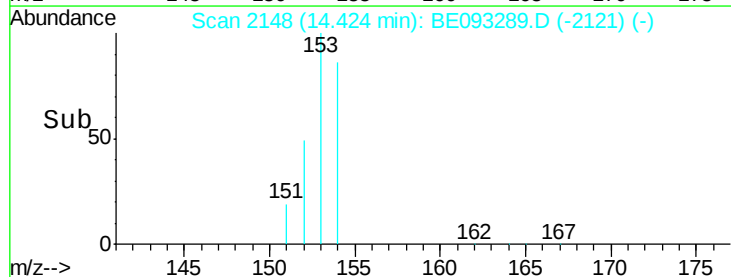
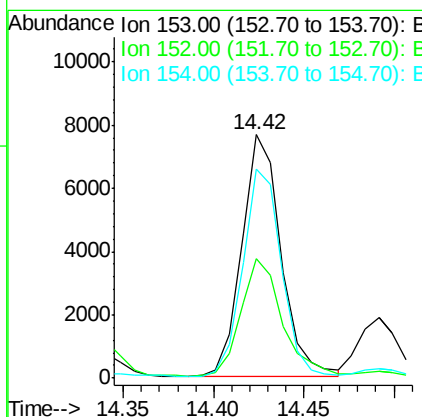
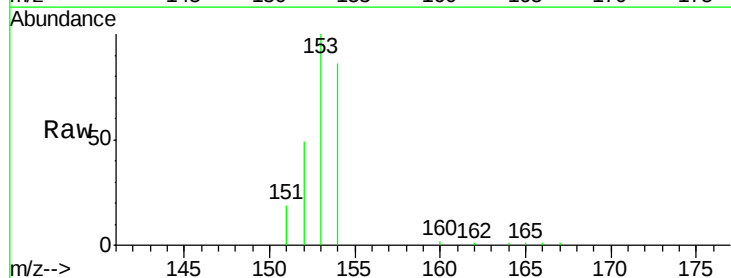
RT: 14.42 min Scan# 2148

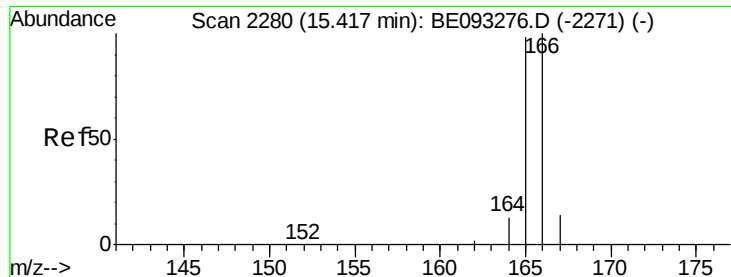
Delta R.T. -0.00 min

Lab File: BE093289.D

Acq: 20 Jun 2017 19:49

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.1	40.3	60.5
154	85.8	71.4	107.2





#9

Fluorene

Concen: 1.163 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093289.D

Acq: 20 Jun 2017 19:49

Instrument :

BNA_E

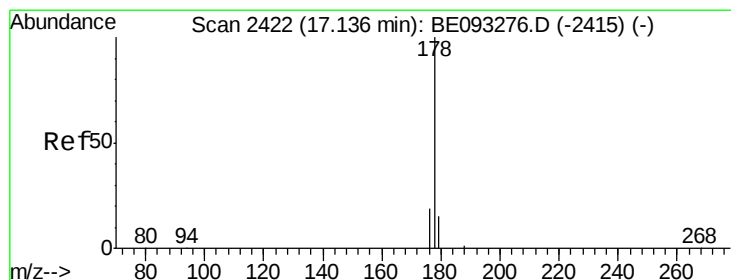
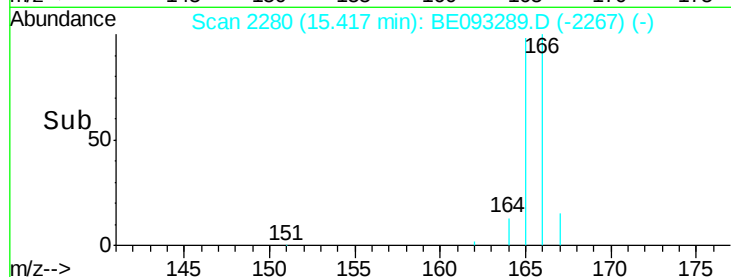
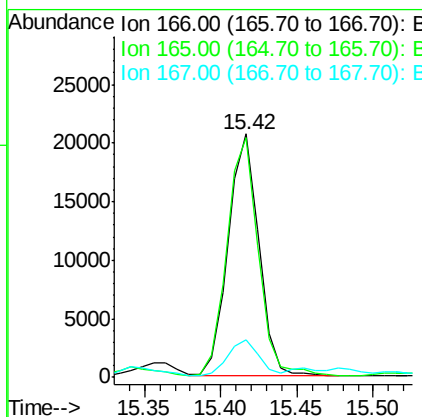
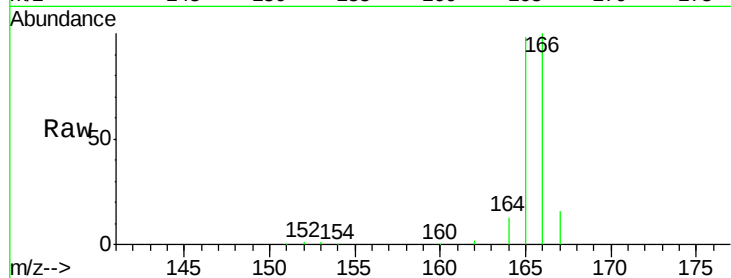
ClientSampleId :

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Tgt Ion:	166	Resp:	28668
Ion Ratio		Lower	Upper
166	100		
165	98.4	73.4	110.2
167	15.6	14.6	22.0

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#12

Phenanthrene

Concen: 9.039 ng/ul

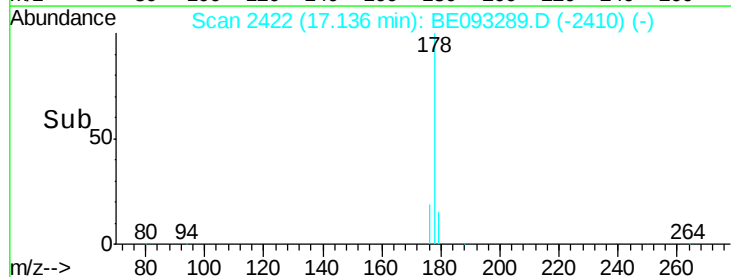
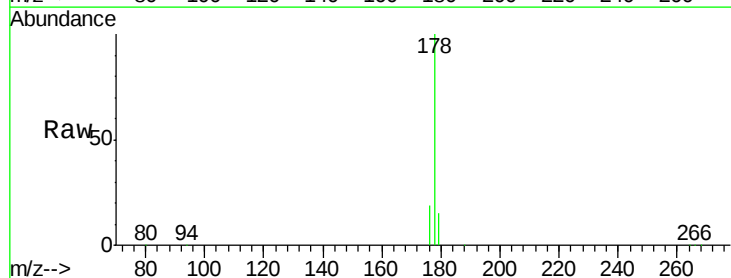
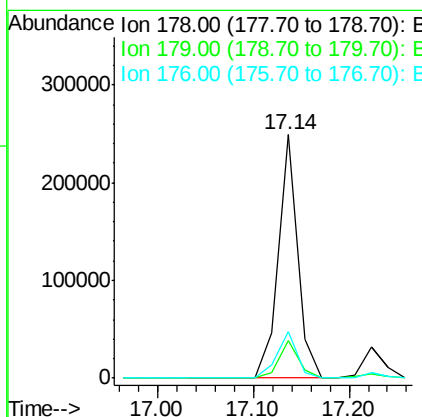
RT: 17.14 min Scan# 2422

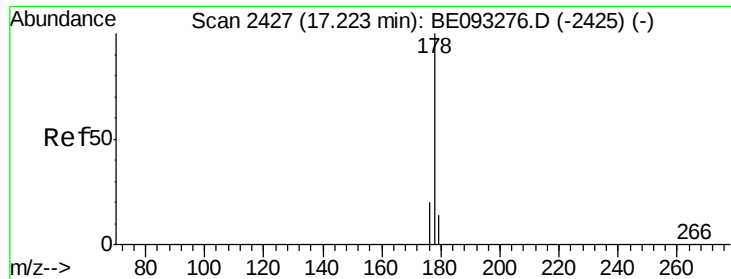
Delta R.T. 0.00 min

Lab File: BE093289.D

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Tgt Ion:	178	Resp:	351158
Ion Ratio		Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	19.0	13.6	20.4





#13

Anthracene

Concen: 1.404 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093289.D

Acq: 20 Jun 2017 19:49

Instrument :

BNA_E

ClientSampleId :

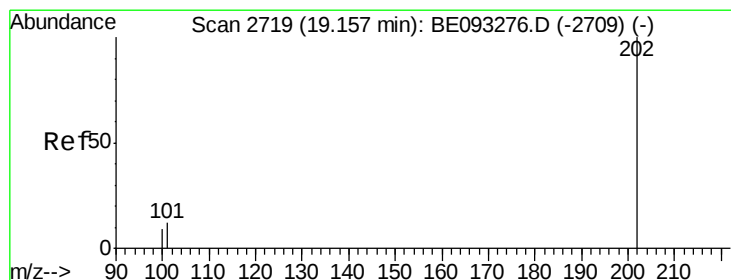
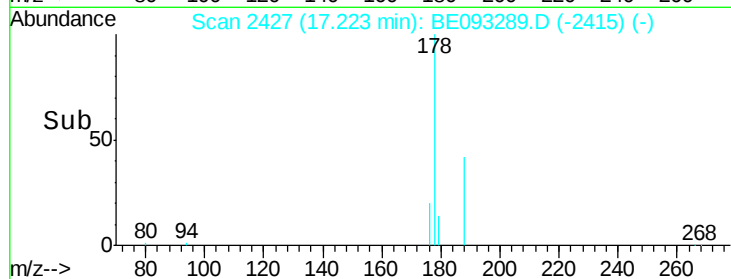
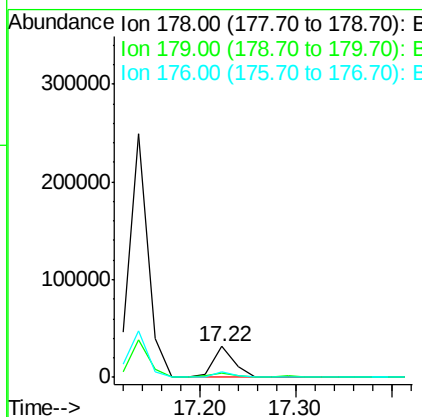
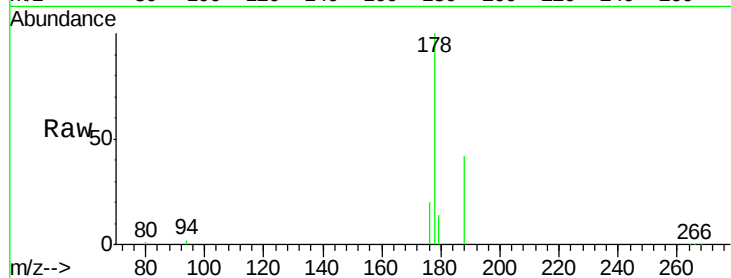
F5A91

Tgt Ion:178 Resp: 47482

Ion	Ratio	Lower	Upper
178	100		
179	14.3	18.1	27.1#
176	20.1	14.7	22.1

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#15

Fluoranthene

Concen: 5.566 ng/ul

RT: 19.15 min Scan# 2718

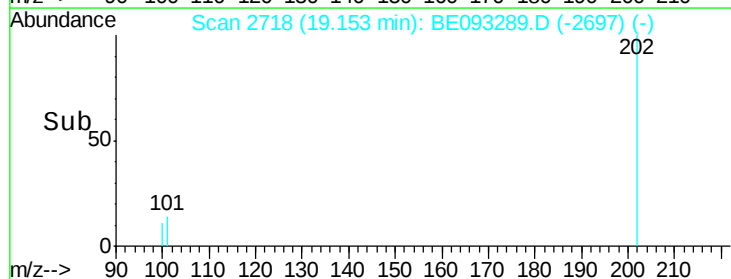
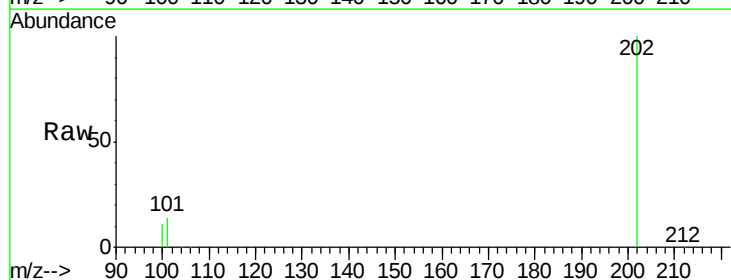
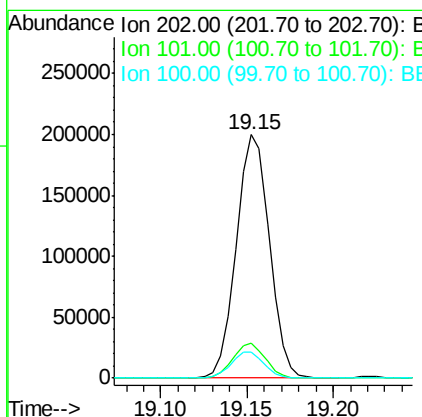
Delta R.T. -0.00 min

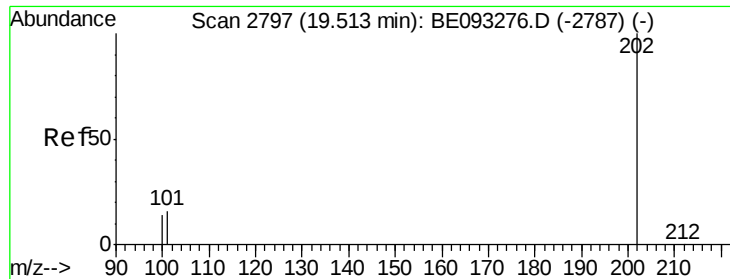
Lab File: BE093289.D

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Tgt Ion:202 Resp: 265180

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	30.3
100	10.8	0.0	39.5





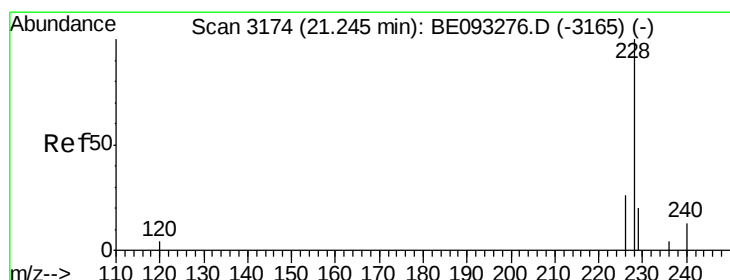
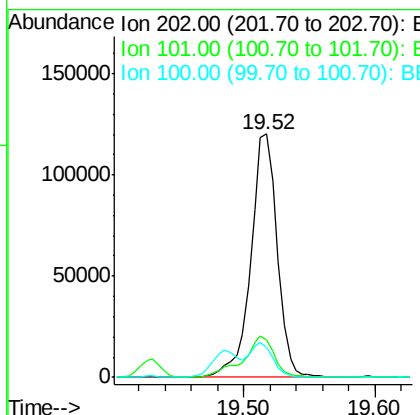
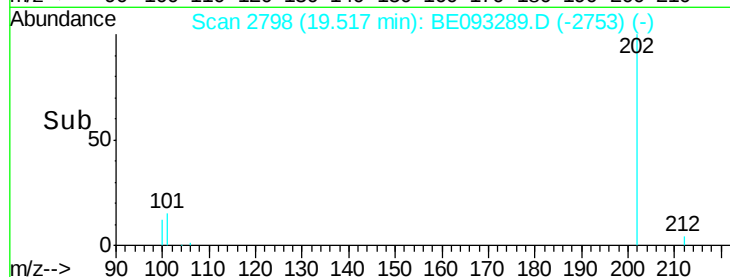
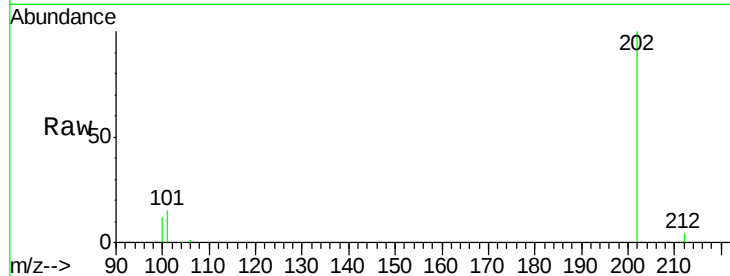
#17
 Pyrene
 Concen: 3.980 ng/ul
 RT: 19.52 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BE093289.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	167199		
101	15.4	18.2	27.4#	
100	12.3	15.6	23.4#	

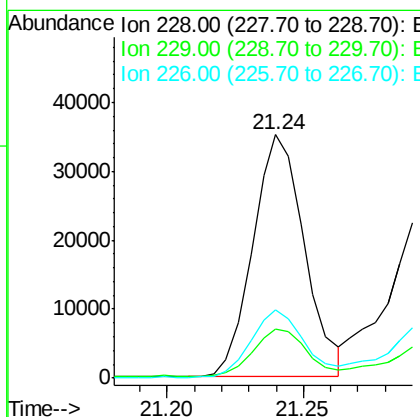
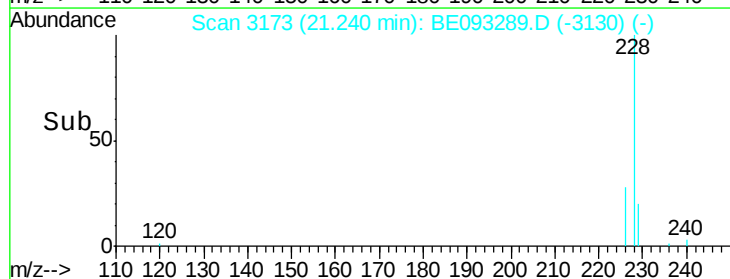
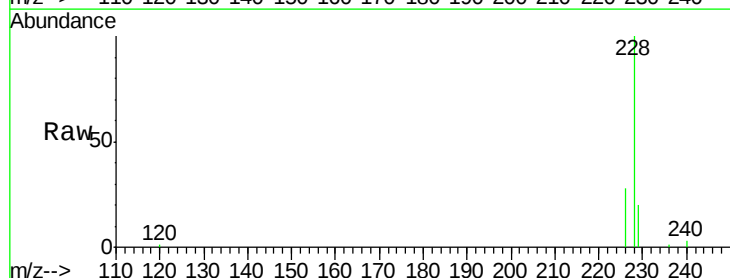
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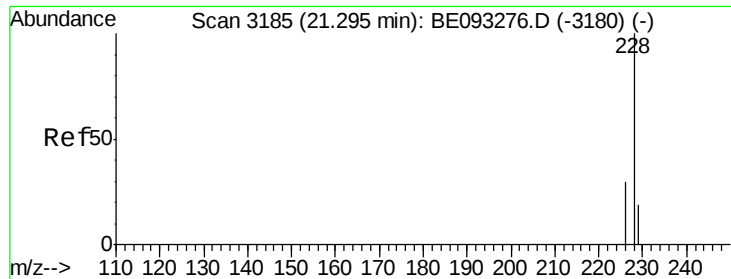
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#18
 Benzo(a)anthracene
 Concen: 1.216 ng/ul
 RT: 21.24 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BE093289.D
 Acq: 20 Jun 2017 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	46226		
229	20.4	22.8	34.2#	
226	27.9	17.0	25.6#	





#19

Chrysene

Concen: 0.924 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093289.D

Acq: 20 Jun 2017 19:49

Instrument :

BNA_E

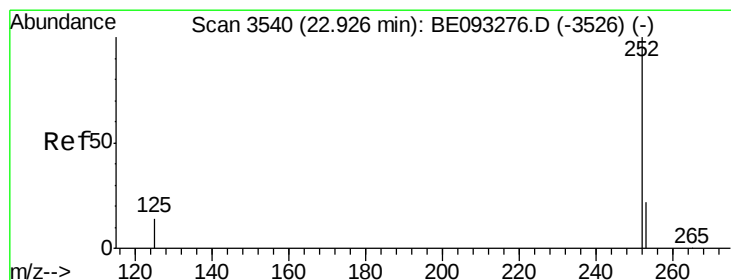
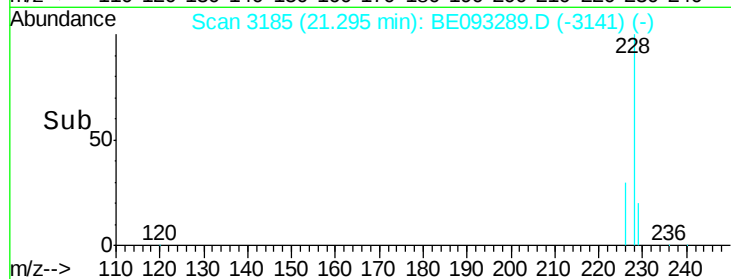
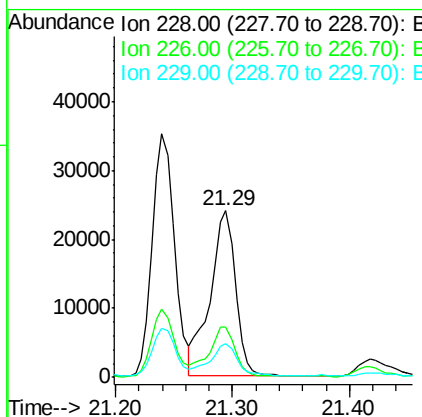
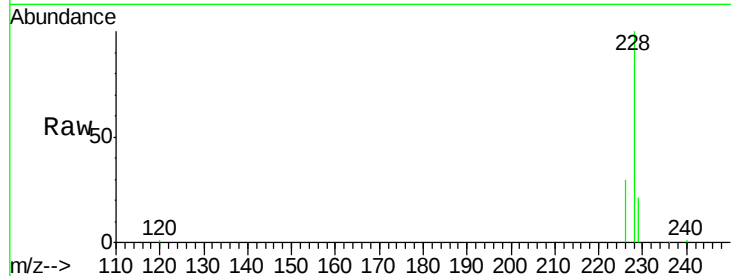
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Tgt Ion:	228	Resp:	36411
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.0
229	20.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.634 ng/ul

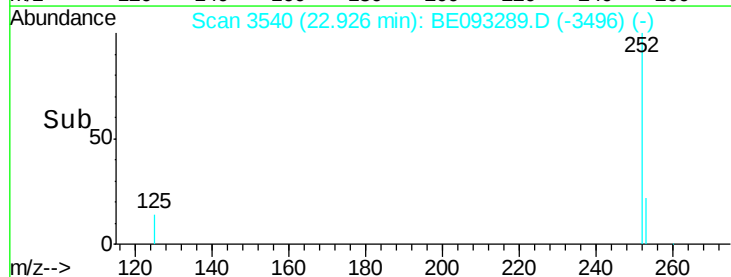
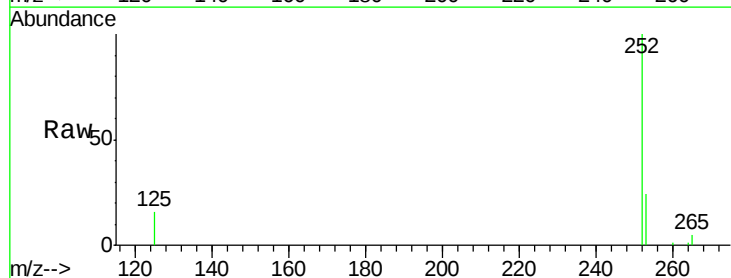
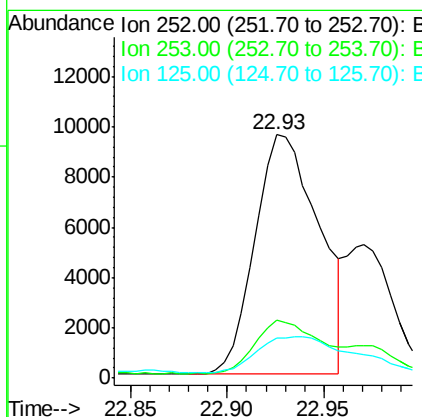
RT: 22.93 min Scan# 3540

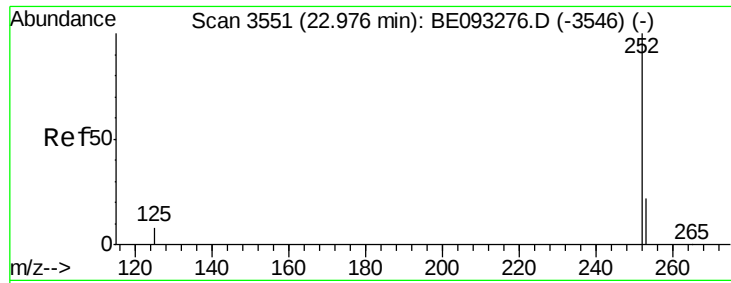
Delta R.T. -0.00 min

Lab File: BE093289.D

Acq: 20 Jun 2017 19:49

Tgt Ion:	252	Resp:	22054
Ion Ratio	Lower	Upper	
252	100		
253	24.1	0.0	64.2
125	16.3	0.0	35.0





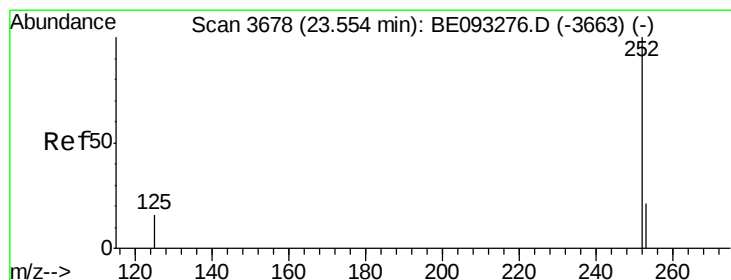
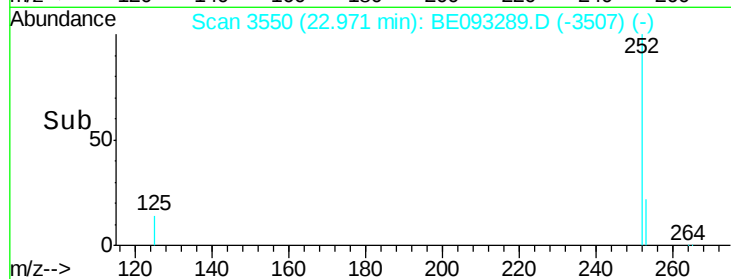
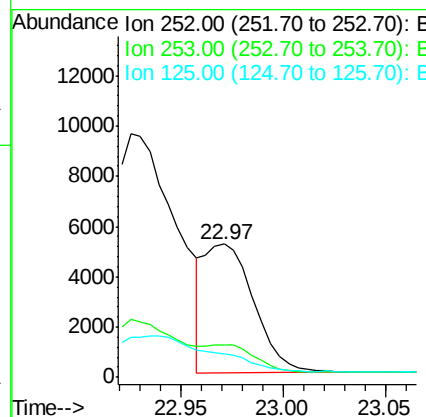
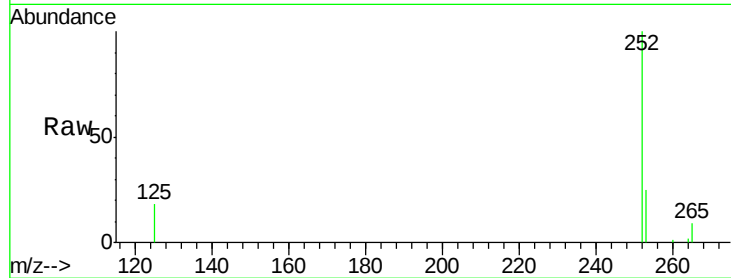
#22
Benzo(k)fluoranthene
Concen: 0.233 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BE093289.D
Acq: 20 Jun 2017 19:49

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	24.5	36.7
125	18.1	13.7	20.5

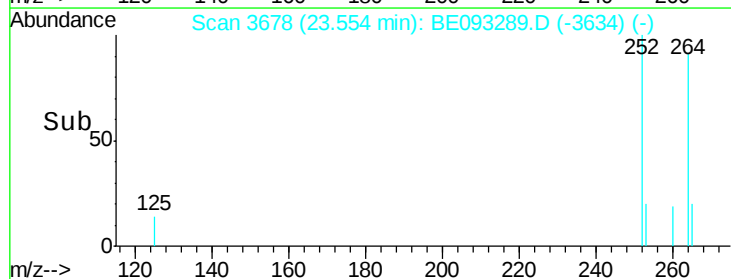
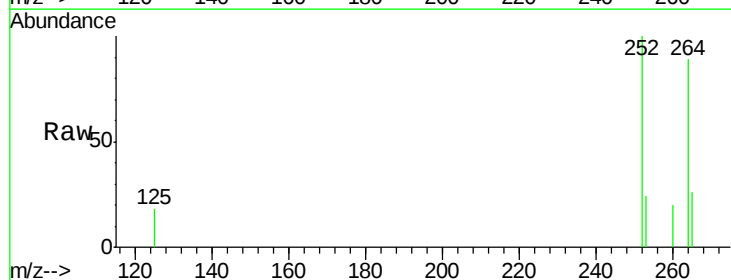
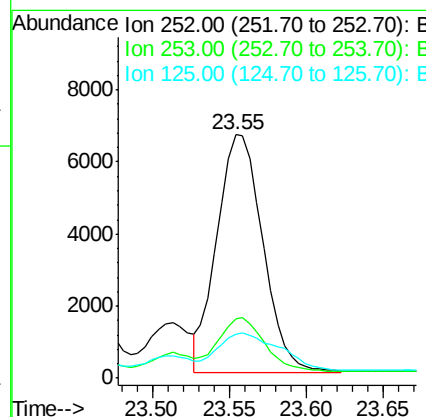
Manual Integrations
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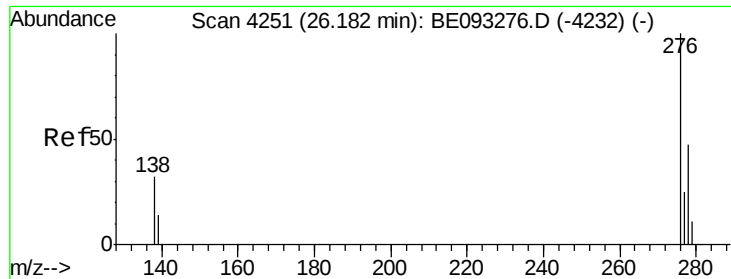
mohammad
6/21/2017 12:18:36 PM



#23
Benzo(a)pyrene
Concen: 0.416 ng/ul m
RT: 23.55 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BE093289.D
Acq: 20 Jun 2017 19:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	28.5	42.7#
125	17.8	18.1	27.1#





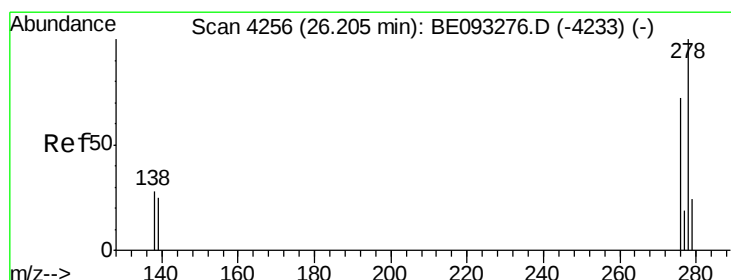
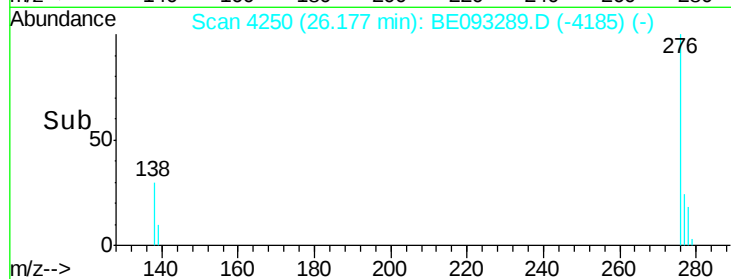
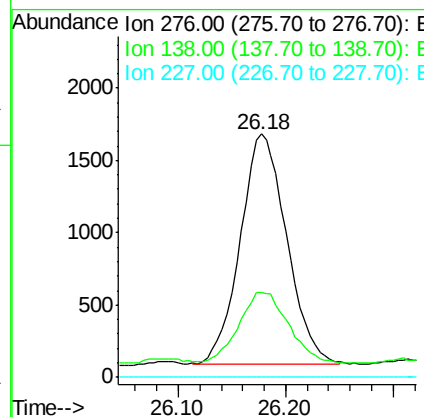
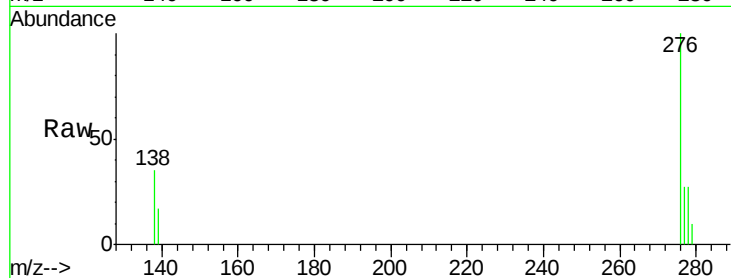
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.125 ng/ul m
RT: 26.18 min Scan# 4250
Delta R.T. -0.00 min
Lab File: BE093289.D
Acq: 20 Jun 2017 19:49

Instrument :
BNA_E
ClientSampleId :
F5A91

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	4760		
138	2.9	28.0	42.0#	
227	0.0	8.0	12.0#	

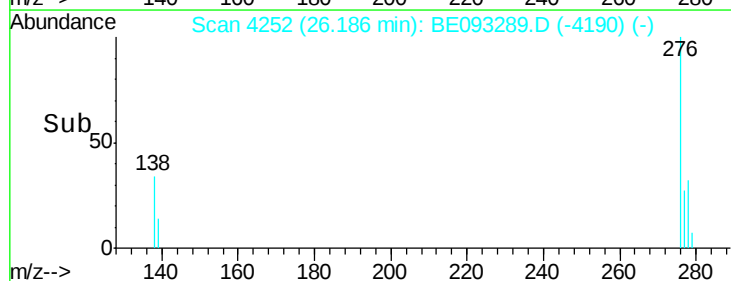
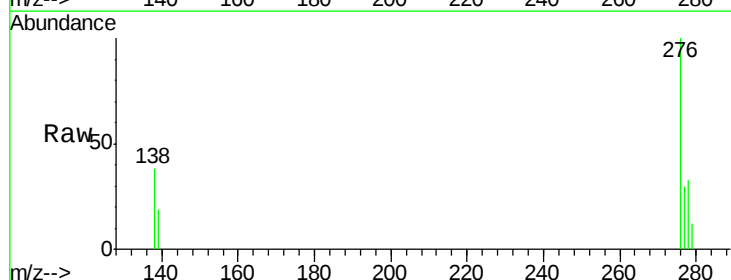
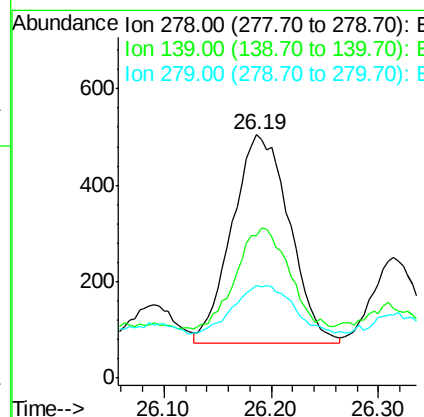
Manual Integrations
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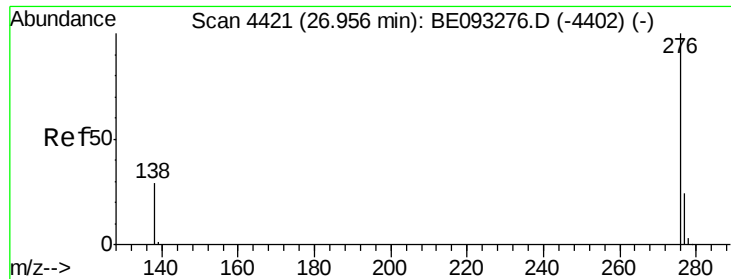
mohammad
6/21/2017 12:18:36 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul m
RT: 26.19 min Scan# 4252
Delta R.T. -0.02 min
Lab File: BE093289.D
Acq: 20 Jun 2017 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	1596		
139	58.6	17.4	26.0#	
279	37.8	25.9	38.9	





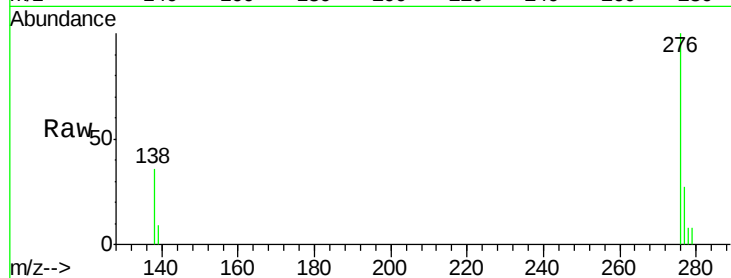
#26
 Benzo(g,h,i)perylene
 Concen: 0.118 ng/ul
 RT: 26.96 min Scan# 4421
 Delta R.T. -0.00 min
 Lab File: BE093289.D
 Acq: 20 Jun 2017 19:49

Instrument :
 BNA_E
 ClientSampleId :
 F5A91

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		3846		
138	36.3	21.8	32.8#		
277	27.4	20.5	30.7		

Manual Integrations
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mohammad
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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

