

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
 Data File : BE093271.D
 Acq On : 20 Jun 2017 3:48
 Operator : SJ/MA
 Sample : I3599-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A87

Manual Integrations
 APPROVED

mohammad
 6/20/2017 3:13:31 PM

Quant Time: Jun 20 09:35:45 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	2528	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13298	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	8440	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	19315	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	18794	0.40	ng/ul	0.01
20) Perylene-d12	23.68	264	24080m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4569	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	11343	0.22	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	143593	4.352	ng/ul#	90
5) 2-Methylnaphthalene	12.18	142	30556	1.354	ng/ul	98
7) Acenaphthylene	14.09	152	197990	5.466	ng/ul	95
8) Acenaphthene	14.42	153	43092	1.475	ng/ul	98
9) Fluorene	15.42	166	43378	1.266	ng/ul	94
12) Phenanthrene	17.13	178	430044	8.092	ng/ul#	87
13) Anthracene	17.24	178	2967279	64.128	ng/ul#	94
15) Fluoranthene	19.17	202	6080101	93.292	ng/ul	84
17) Pyrene	19.54	202	6121191	110.442	ng/ul#	89
18) Benzo(a)anthracene	21.26	228	3429029	68.401	ng/ul#	84
19) Chrysene	21.31	228	3664957	70.476	ng/ul	95
21) Benzo(b)fluoranthene	22.96	252	4344391m	59.450	ng/ul	
22) Benzo(k)fluoranthene	23.00	252	1464447m	18.869	ng/ul	
23) Benzo(a)pyrene	23.59	252	2138486m	30.949	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.22	276	1286291m	16.077	ng/ul	
25) Dibenzo(a,h)anthracene	26.23	278	408099m	6.057	ng/ul	
26) Benzo(g,h,i)perylene	26.99	276	708564	10.327	ng/ul	96

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

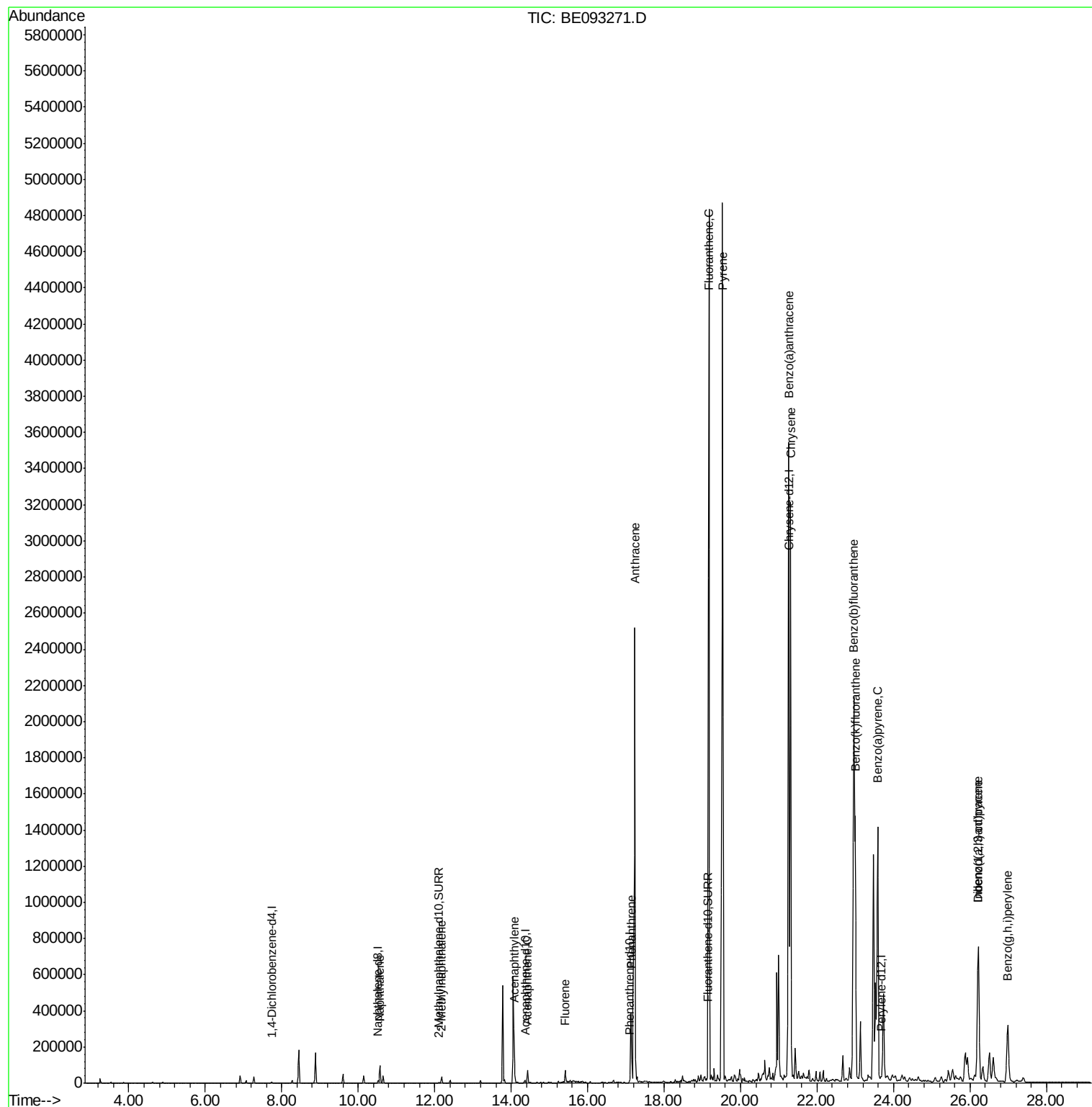
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
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ALS Vial : 29 Sample Multiplier: 1

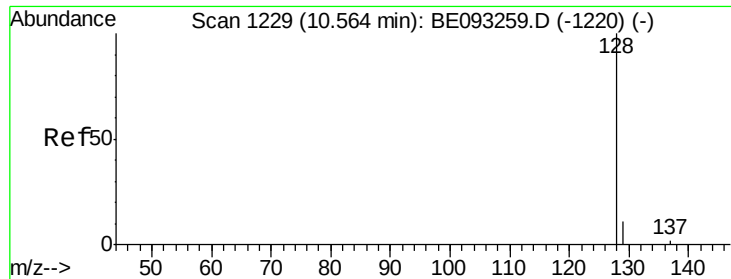
Instrument :
BNA_E
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F5A87

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

Naphthalene

Concen: 4.352 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093271.D

Acq: 20 Jun 2017 3:48

Instrument :

BNA_E

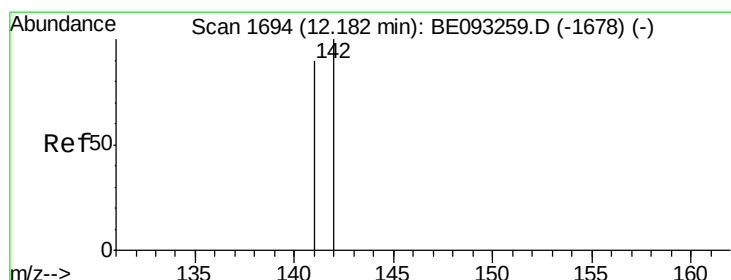
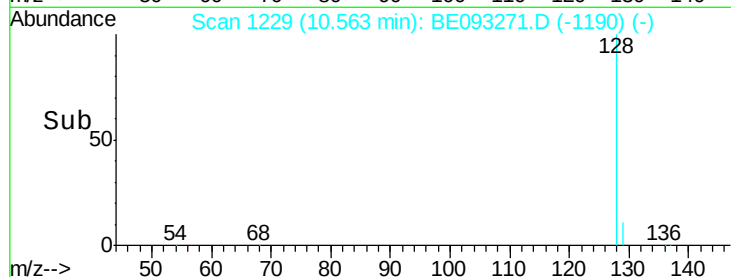
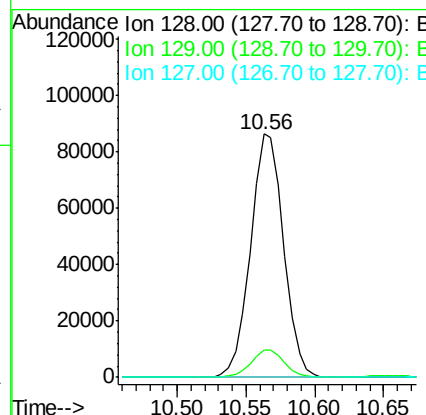
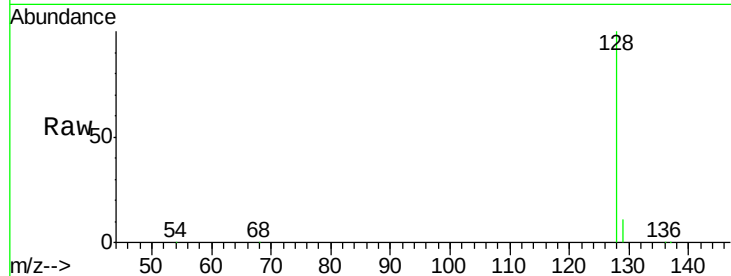
ClientSampleId :

F5A87

Tgt Ion:	128	Resp:	143593
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: 1.354 ng/ul

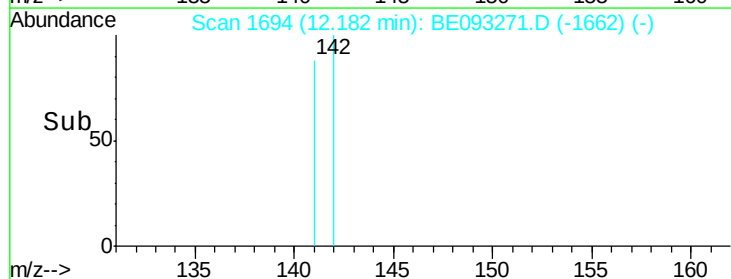
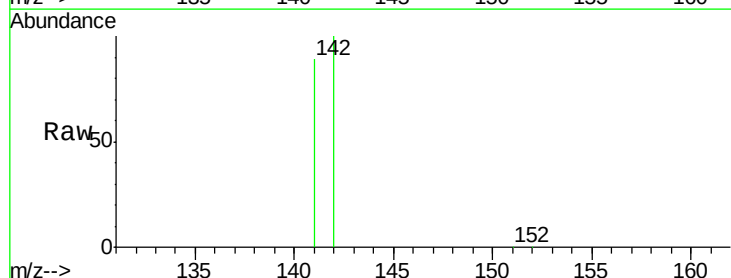
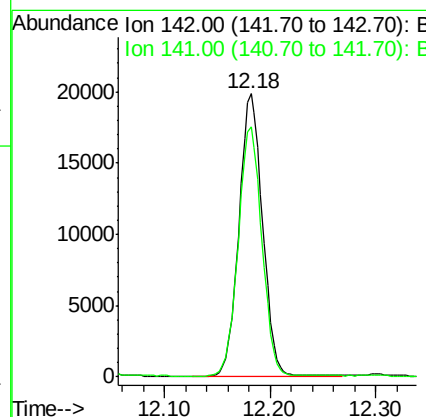
RT: 12.18 min Scan# 1694

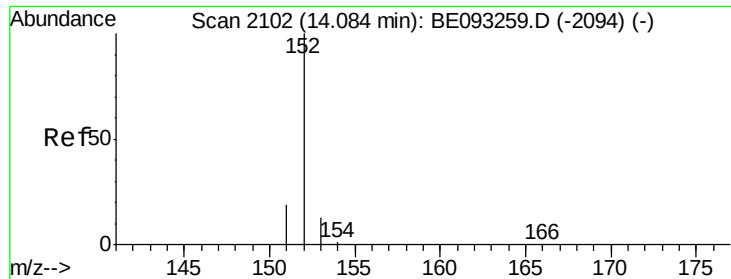
Delta R.T. -0.00 min

Lab File: BE093271.D

Acq: 20 Jun 2017 3:48

Tgt Ion:	142	Resp:	30556
Ion Ratio	Lower	Upper	
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 5.466 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093271.D

Acq: 20 Jun 2017 3:48

Instrument :

BNA_E

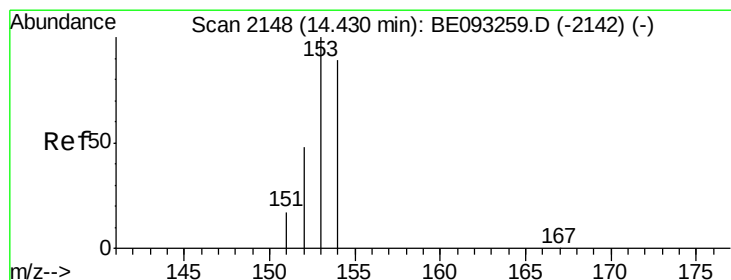
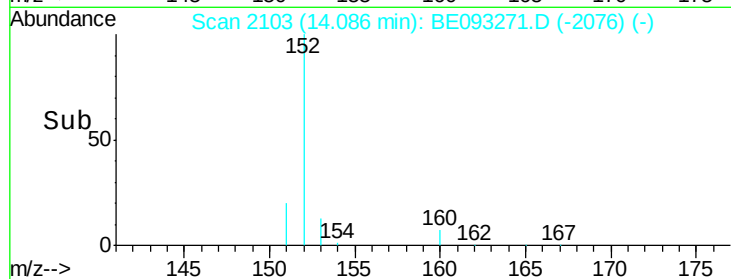
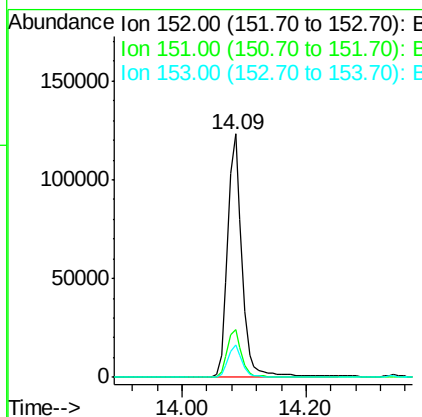
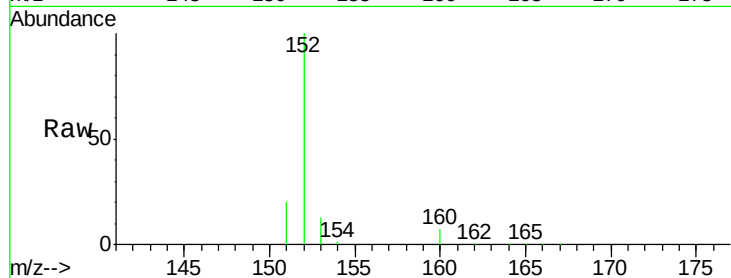
ClientSampleId :

F5A87

Tgt Ion:	152	Resp:	197990
Ion Ratio		Lower	Upper
152	100		
151	19.7	17.1	25.7
153	13.4	12.8	19.2

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#8

Acenaphthene

Concen: 1.475 ng/ul

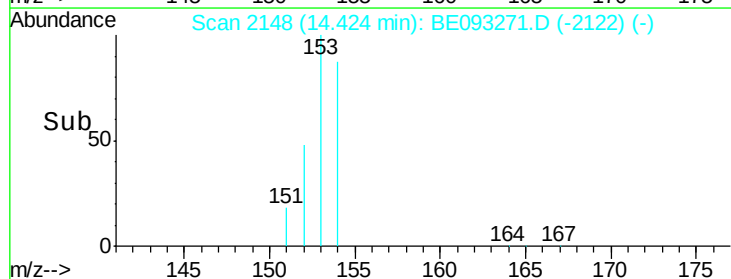
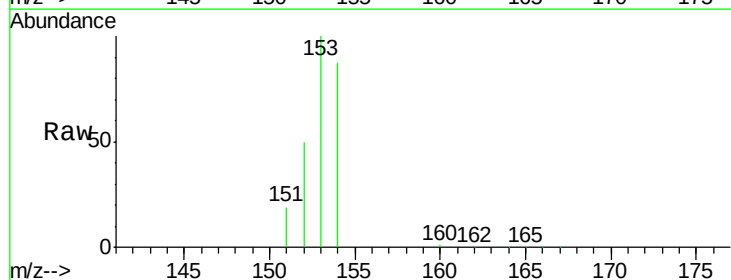
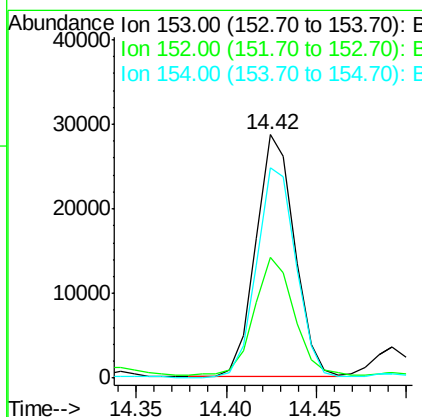
RT: 14.42 min Scan# 2148

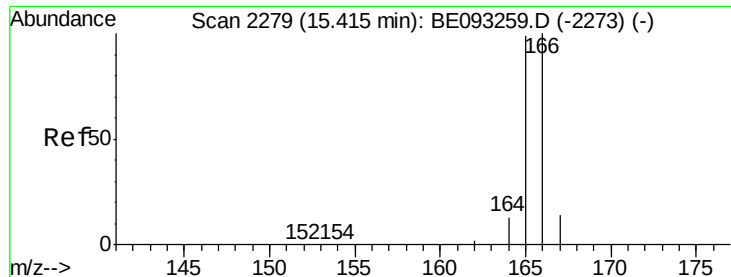
Delta R.T. -0.01 min

Lab File: BE093271.D

Acq: 20 Jun 2017 3:48

Tgt Ion:	153	Resp:	43092
Ion Ratio		Lower	Upper
153	100		
152	49.8	40.3	60.5
154	86.7	71.4	107.2





#9

Fluorene

Concen: 1.266 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093271.D

Acq: 20 Jun 2017 3:48

Instrument :

BNA_E

ClientSampleId :

F5A87

Tgt Ion:166 Resp: 43378

Ion Ratio Lower Upper

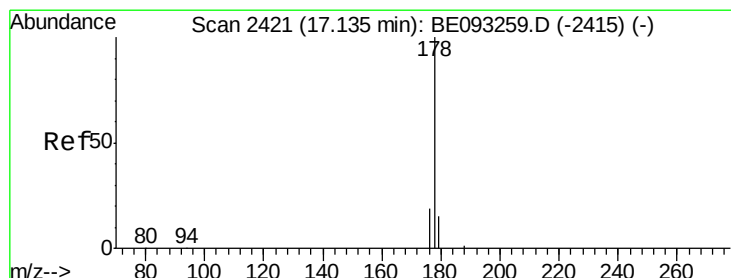
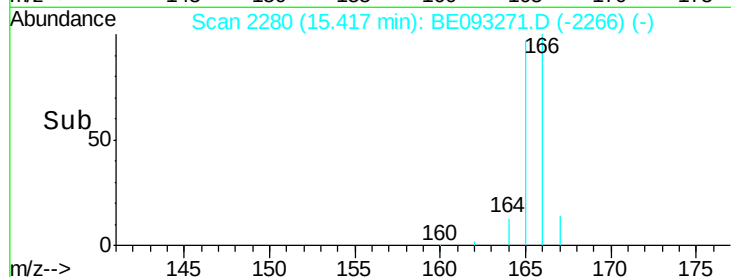
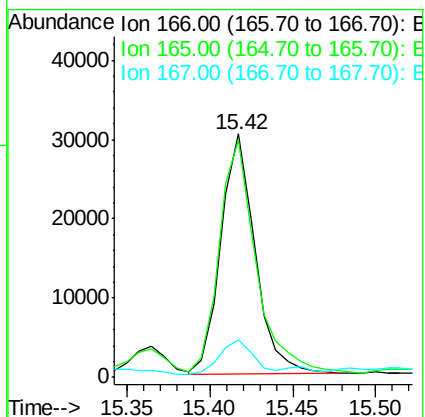
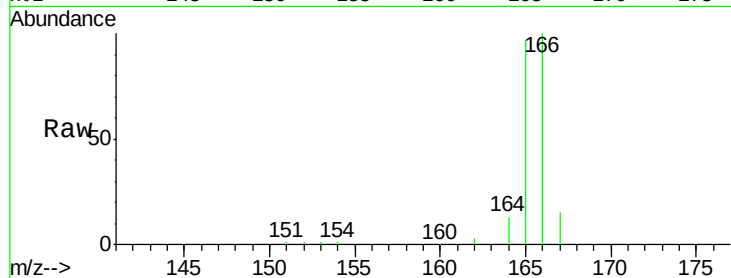
166 100

165 97.4 73.4 110.2

167 15.2 14.6 22.0

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#12

Phenanthrene

Concen: 8.092 ng/ul

RT: 17.13 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093271.D

Acq: 20 Jun 2017 3:48

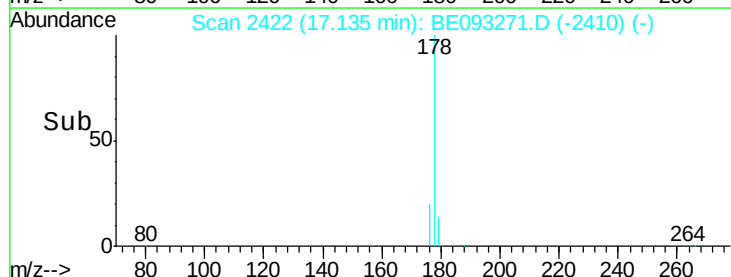
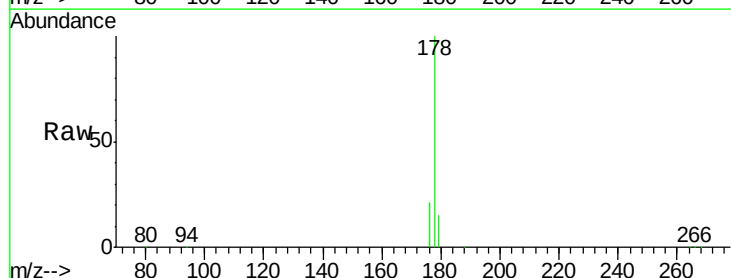
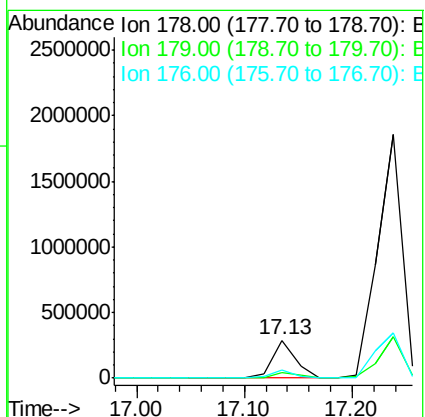
Tgt Ion:178 Resp: 430044

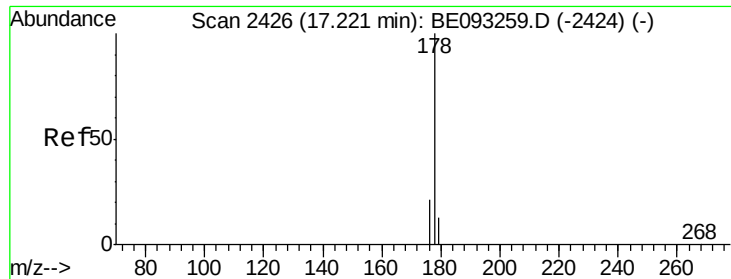
Ion Ratio Lower Upper

178 100

179 14.6 18.4 27.6#

176 20.5 13.6 20.4#





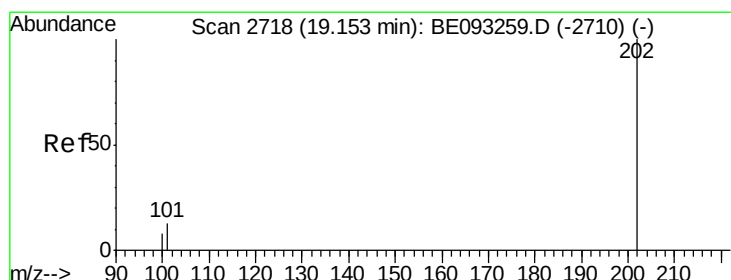
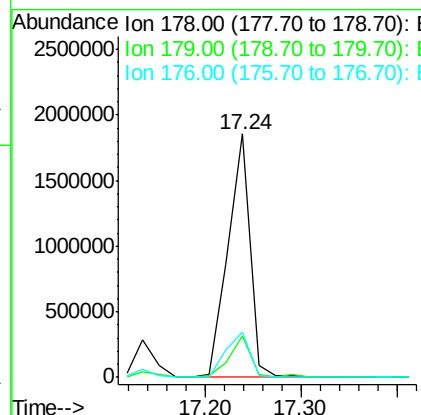
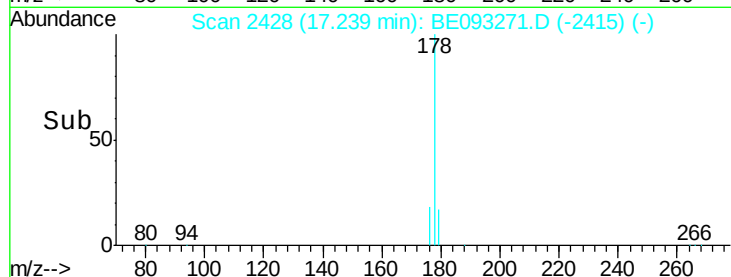
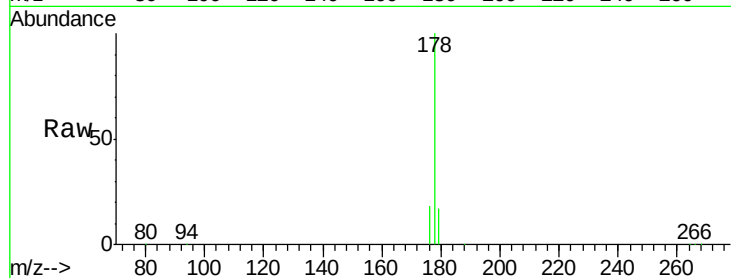
#13
 Anthracene
 Concen: 64.128 ng/ul
 RT: 17.24 min Scan# 2428
 Delta R.T. 0.02 min
 Lab File: BE093271.D
 Acq: 20 Jun 2017 3:48

Instrument :
 BNA_E
 ClientSampleId :
 F5A87

Tgt Ion:178 Resp: 2967279
 Ion Ratio Lower Upper
 178 100
 179 17.1 18.1 27.1#
 176 18.4 14.7 22.1

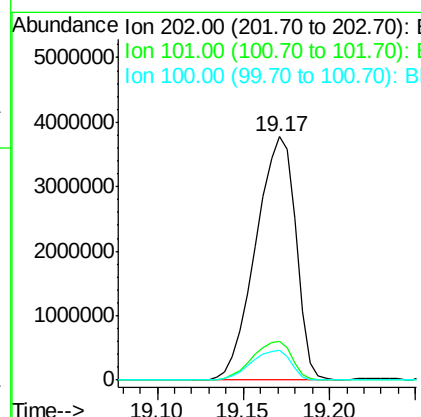
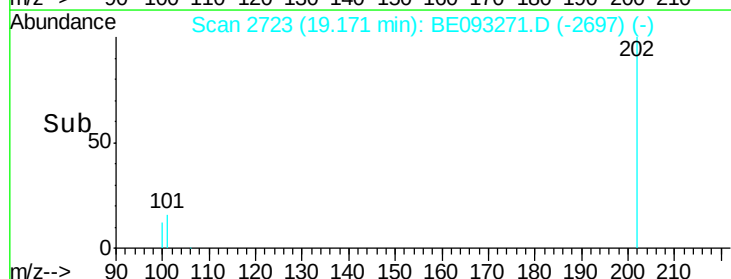
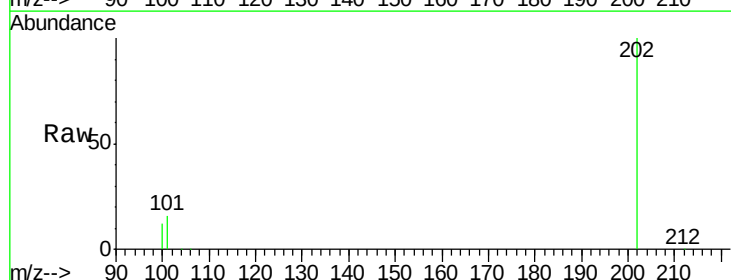
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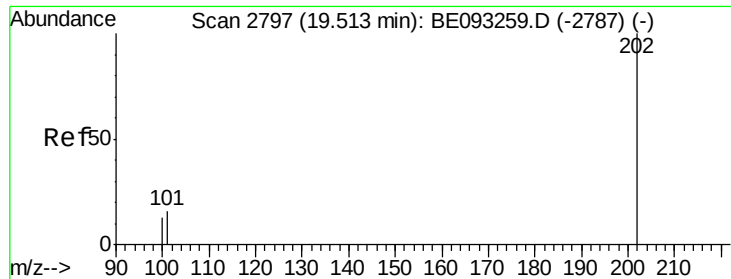
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#15
 Fluoranthene
 Concen: 93.292 ng/ul
 RT: 19.17 min Scan# 2723
 Delta R.T. 0.02 min
 Lab File: BE093271.D
 Acq: 20 Jun 2017 3:48

Tgt Ion:202 Resp: 6080101
 Ion Ratio Lower Upper
 202 100
 101 15.9 0.0 30.3
 100 12.1 0.0 39.5





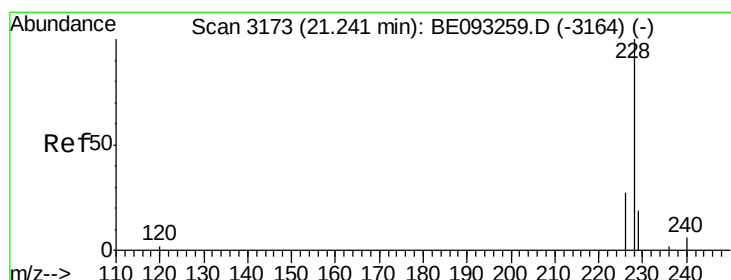
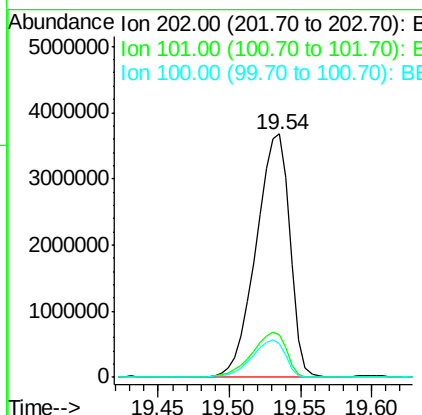
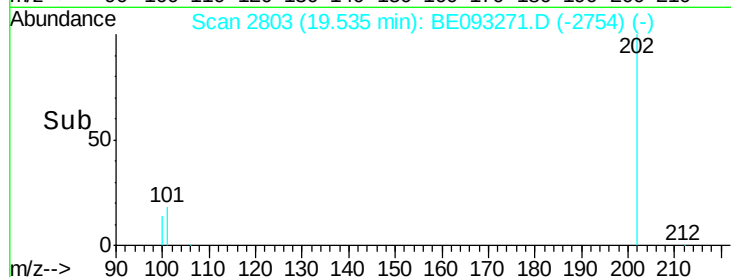
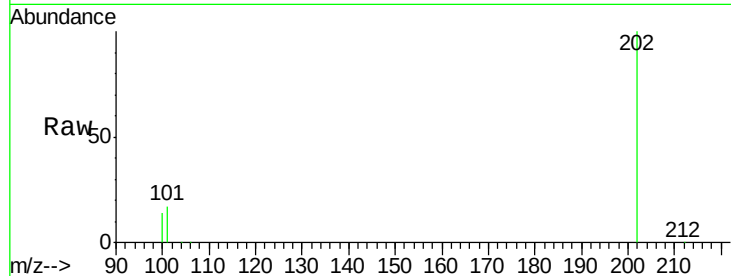
#17
 Pyrene
 Concen: 110.442 ng/ul
 RT: 19.54 min Scan# 2803
 Delta R.T. 0.02 min
 Lab File: BE093271.D
 Acq: 20 Jun 2017 3:48

Instrument :
 BNA_E
 ClientSampleId :
 F5A87

Tgt Ion: 202 Resp: 6121191
 Ion Ratio Lower Upper
 202 100
 101 17.5 18.2 27.4#
 100 14.0 15.6 23.4#

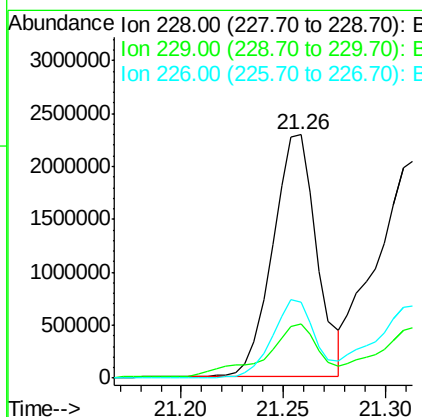
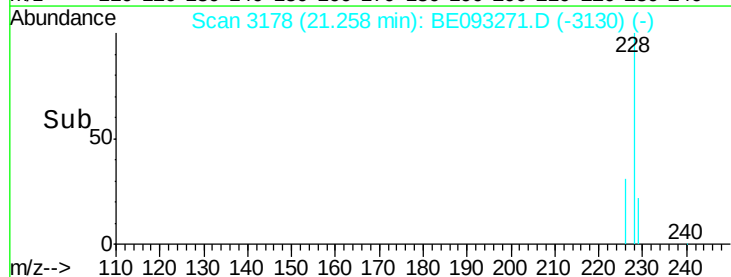
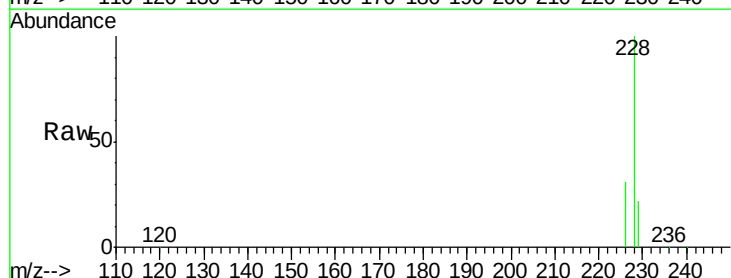
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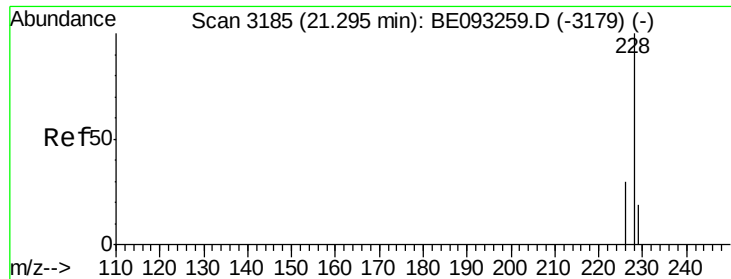
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#18
 Benzo(a)anthracene
 Concen: 68.401 ng/ul
 RT: 21.26 min Scan# 3178
 Delta R.T. 0.02 min
 Lab File: BE093271.D
 Acq: 20 Jun 2017 3:48

Tgt Ion: 228 Resp: 3429029
 Ion Ratio Lower Upper
 228 100
 229 22.4 22.8 34.2#
 226 31.3 17.0 25.6#





#19

Chrysene

Concen: 70.476 ng/ul

RT: 21.31 min Scan# 3190

Delta R.T. 0.02 min

Lab File: BE093271.D

Acq: 20 Jun 2017 3:48

Instrument :

BNA_E

ClientSampleId :

F5A87

Tgt Ion:228 Resp: 3664957

Ion Ratio Lower Upper

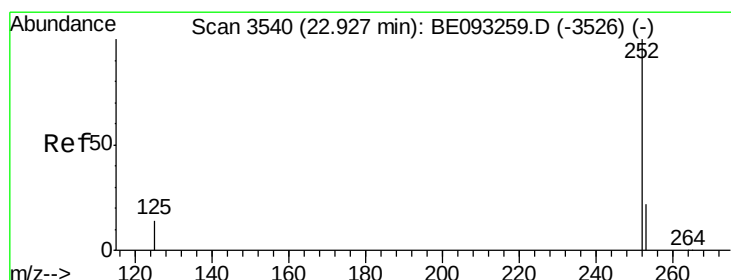
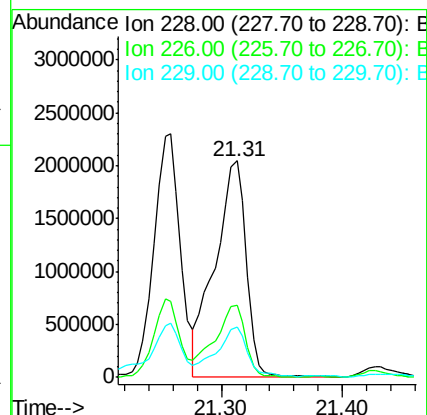
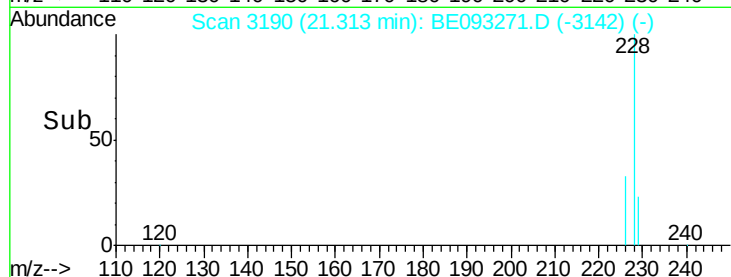
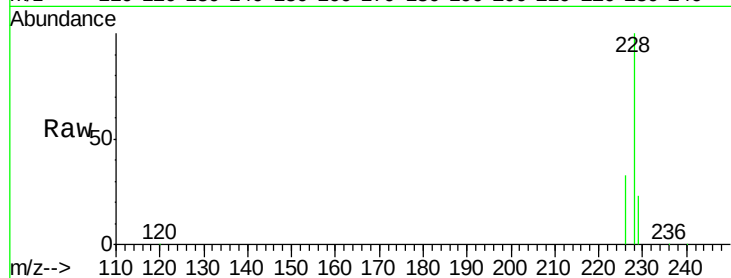
228 100

226 33.5 23.4 35.0

229 23.1 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 59.450 ng/ul m

RT: 22.96 min Scan# 3549

Delta R.T. 0.04 min

Lab File: BE093271.D

Acq: 20 Jun 2017 3:48

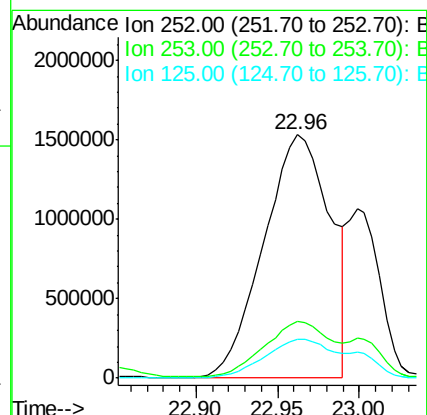
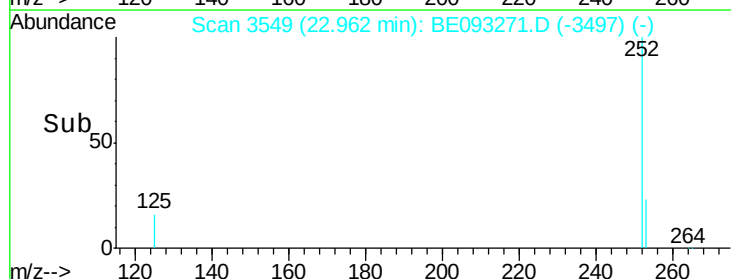
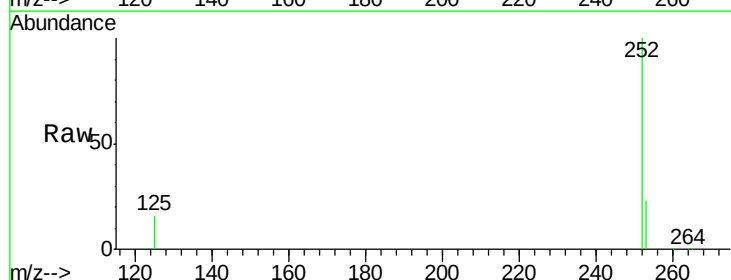
Tgt Ion:252 Resp: 4344391

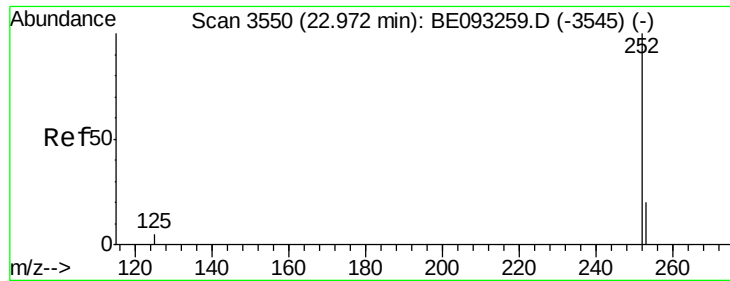
Ion Ratio Lower Upper

252 100

253 23.2 0.0 64.2

125 15.9 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 18.869 ng/ul m

RT: 23.00 min Scan# 3557

Delta R.T. 0.03 min

Lab File: BE093271.D

Acq: 20 Jun 2017 3:48

Instrument :

BNA_E

ClientSampleId :

F5A87

Tgt Ion:252 Resp: 1464447

Ion Ratio Lower Upper

252 100

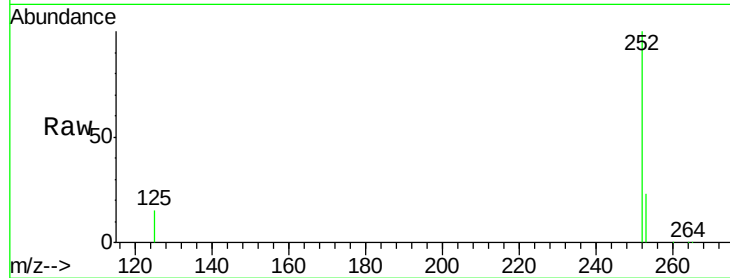
253 23.4 24.5 36.7#

125 15.2 13.7 20.5

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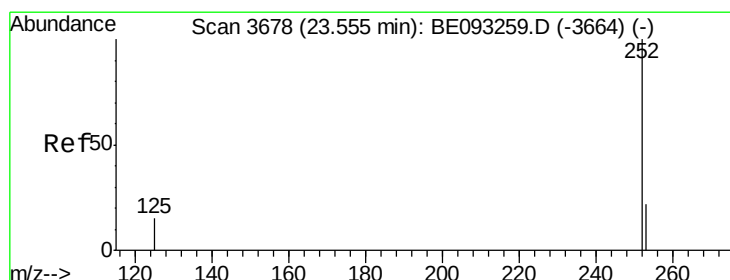
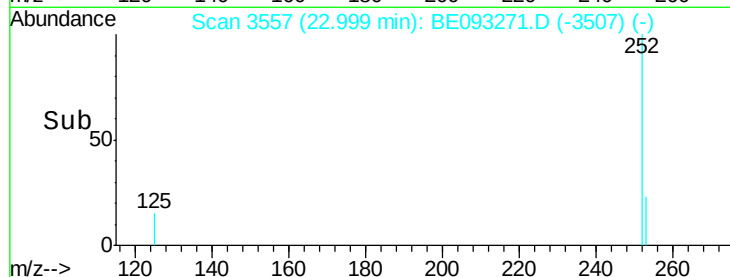
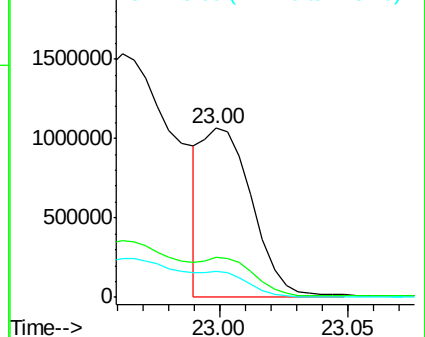
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 30.949 ng/ul m

RT: 23.59 min Scan# 3686

Delta R.T. 0.03 min

Lab File: BE093271.D

Acq: 20 Jun 2017 3:48

Tgt Ion:252 Resp: 2138486

Ion Ratio Lower Upper

252 100

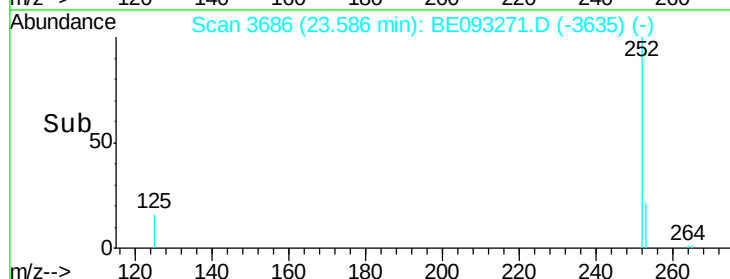
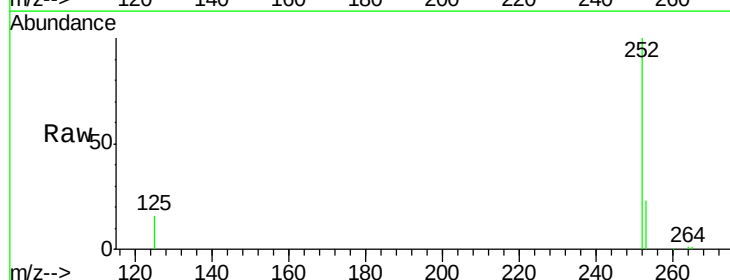
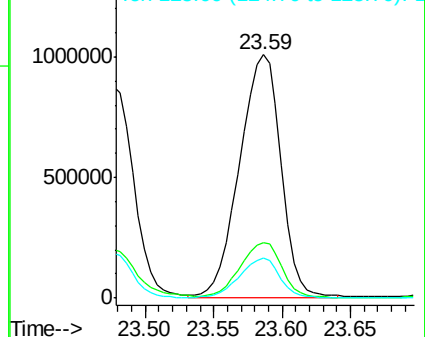
253 22.7 28.5 42.7#

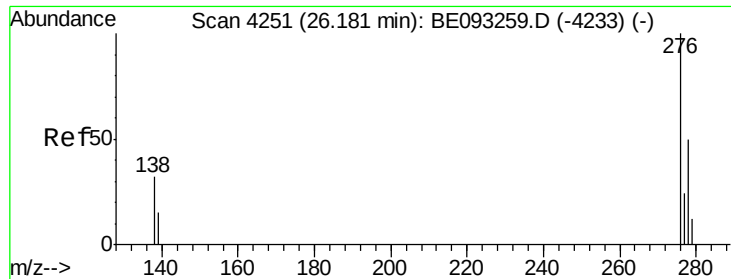
125 16.3 18.1 27.1#

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





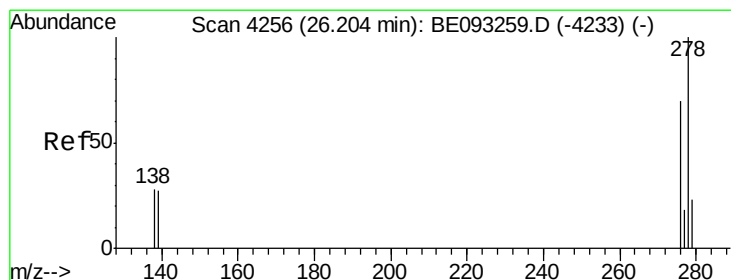
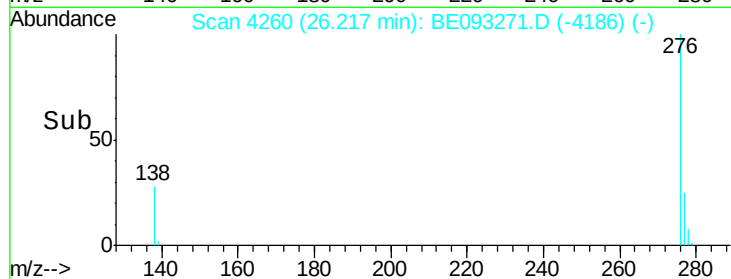
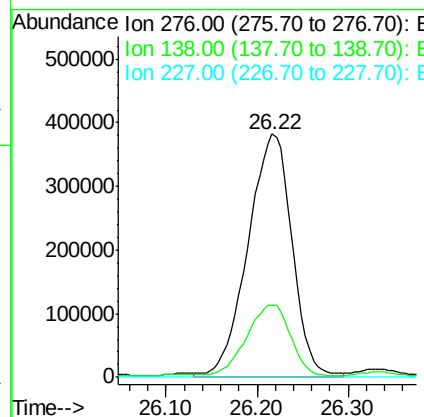
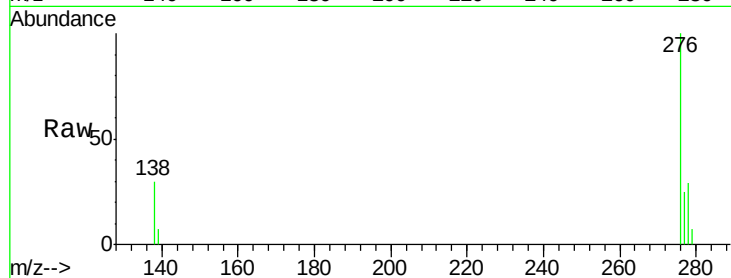
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 16.077 ng/ul m
 RT: 26.22 min Scan# 4260
 Delta R.T. 0.04 min
 Lab File: BE093271.D
 Acq: 20 Jun 2017 3:48

Instrument :
 BNA_E
 ClientSampleId :
 F5A87

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.8	28.0	42.0#
227	0.0	8.0	12.0#

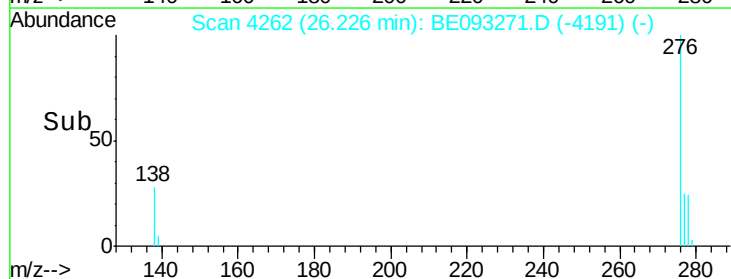
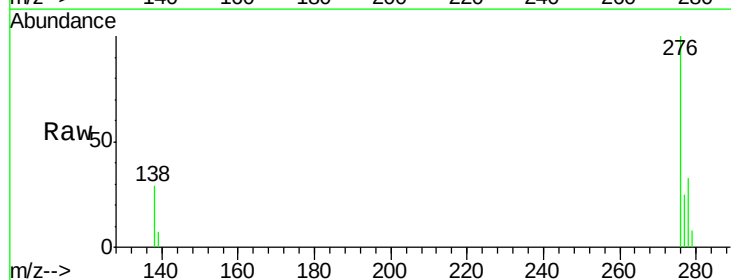
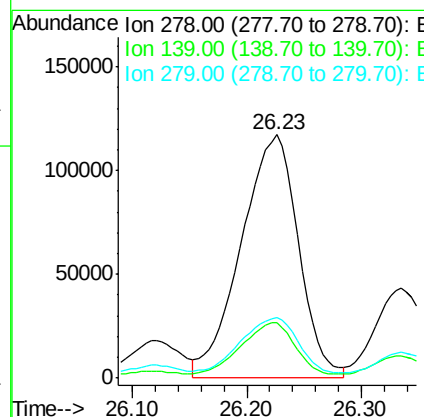
Manual Integrations
 APPROVED

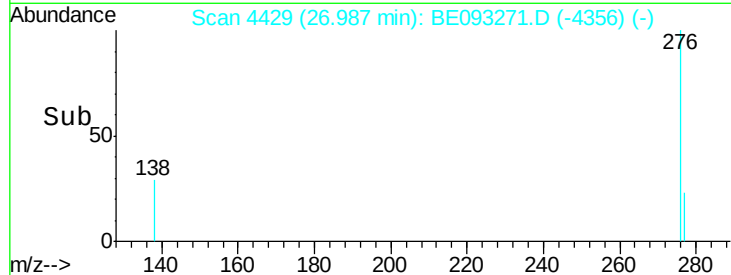
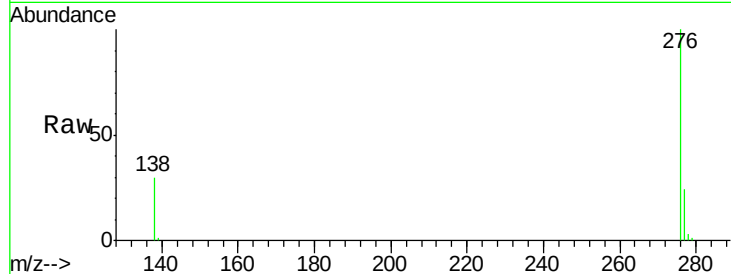
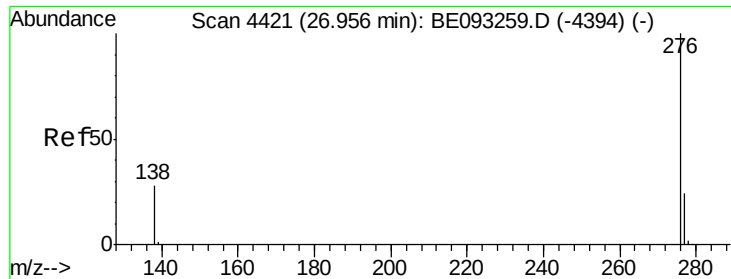
mohammad
 6/20/2017 3:13:31 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 6.057 ng/ul m
 RT: 26.23 min Scan# 4262
 Delta R.T. 0.02 min
 Lab File: BE093271.D
 Acq: 20 Jun 2017 3:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	17.4	26.0
279	24.9	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 10.327 ng/ul

RT: 26.99 min Scan# 4429

Delta R.T. 0.03 min

Lab File: BE093271.D

Acq: 20 Jun 2017 3:48

Instrument :

BNA_E

ClientSampleId :

F5A87

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	29.6	21.8	32.8	
277	24.3	20.5	30.7	

Manual Integrations
APPROVED

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6/20/2017 3:13:31 PM

