

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
 Data File : BE093336.D
 Acq On : 23 Jun 2017 13:54
 Operator : SJ/JU
 Sample : I3627-18DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A91DL

Manual Integrations
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mohammad
 6/29/2017 8:32:47 AM

Quant Time: Jun 24 04:20:30 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 24 03:58:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1568	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8554	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5318	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12997	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12828	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	12026	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	703	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1731	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	15321	0.722	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	4541	0.313	ng/ul	99
7) Acenaphthylene	14.09	152	489	0.021	ng/ul#	67
8) Acenaphthene	14.42	153	2204	0.120	ng/ul	99
9) Fluorene	15.41	166	5385	0.249	ng/ul	90
12) Phenanthrene	17.14	178	67576	1.890	ng/ul#	91
13) Anthracene	17.22	178	9044	0.290	ng/ul#	92
15) Fluoranthene	19.15	202	47123	1.075	ng/ul	83
17) Pyrene	19.51	202	30740	0.813	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	7915	0.231	ng/ul#	86
19) Chrysene	21.29	228	6593	0.186	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	4150m	0.114	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	1534m	0.040	ng/ul	
23) Benzo(a)pyrene	23.55	252	2465	0.071	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	26.18	276	899	0.022	ng/ul#	82
26) Benzo(g,h,i)perylene	26.96	276	732	0.021	ng/ul#	72

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

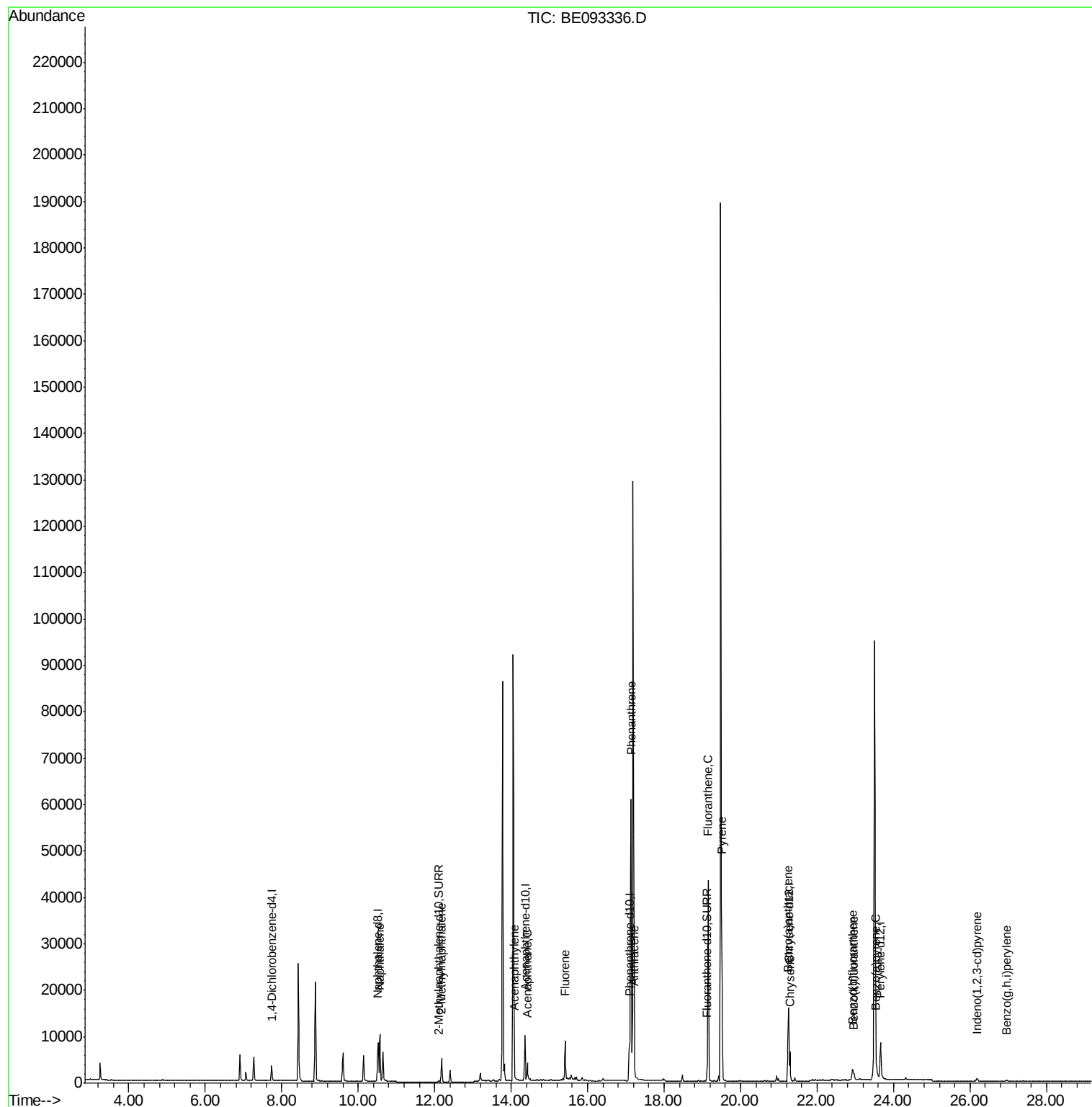
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
Data File : BE093336.D
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ALS Vial : 4 Sample Multiplier: 1

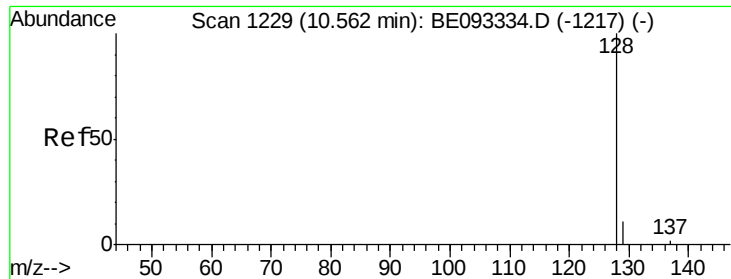
Instrument :
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#3

Naphthalene

Concen: 0.722 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093336.D

Acq: 23 Jun 2017 13:54

Instrument :

BNA_E

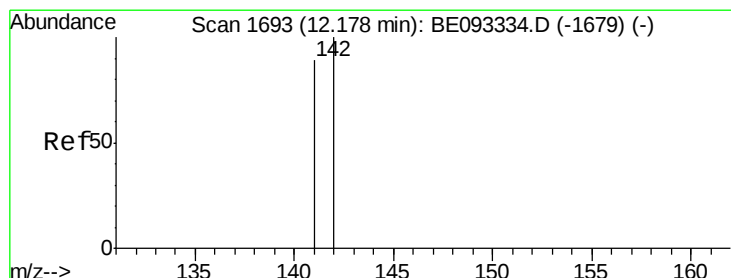
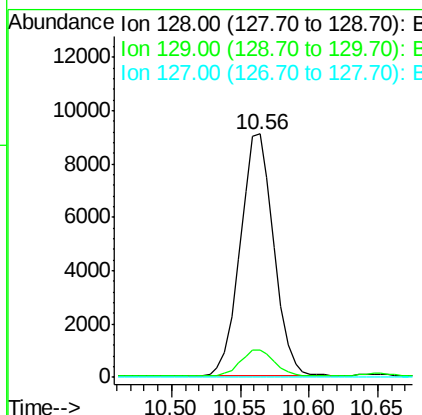
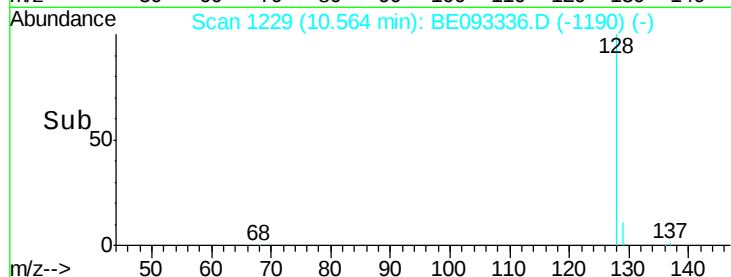
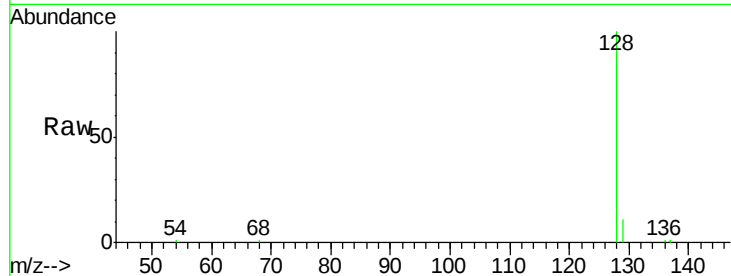
ClientSampleId :

F5A91DL

Tgt 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: 0.313 ng/ul

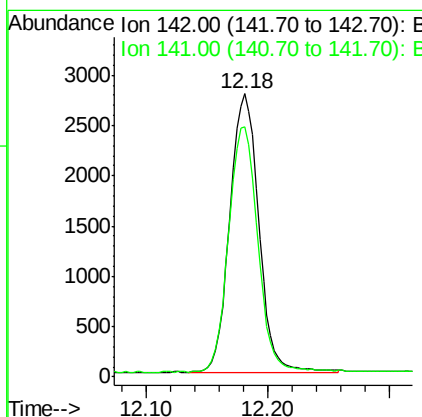
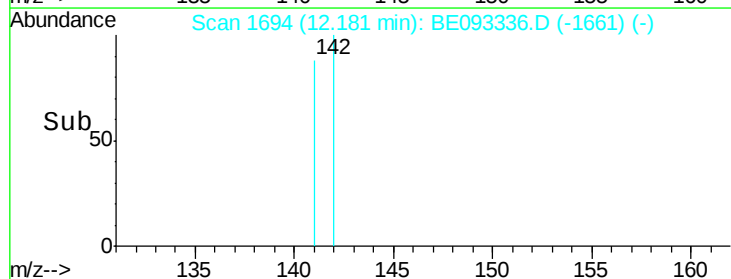
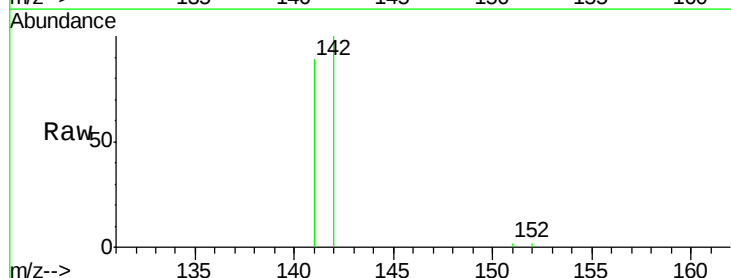
RT: 12.18 min Scan# 1694

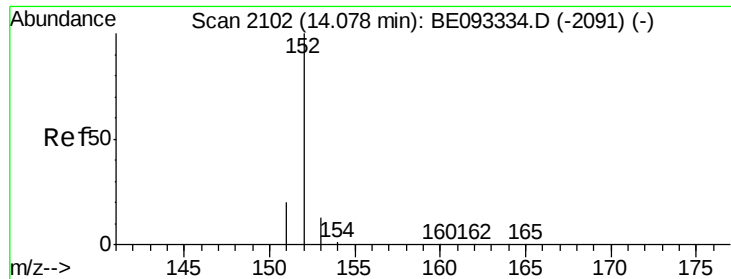
Delta R.T. 0.00 min

Lab File: BE093336.D

Acq: 23 Jun 2017 13:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BE093336.D

Acq: 23 Jun 2017 13:54

Instrument :

BNA_E

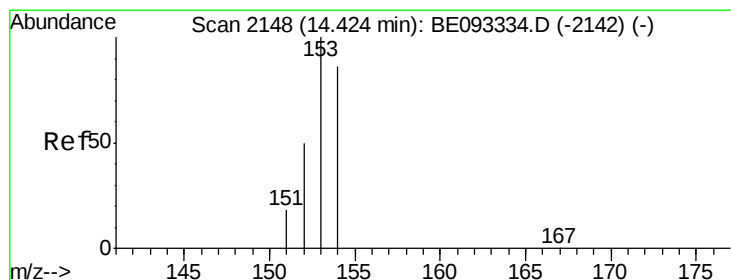
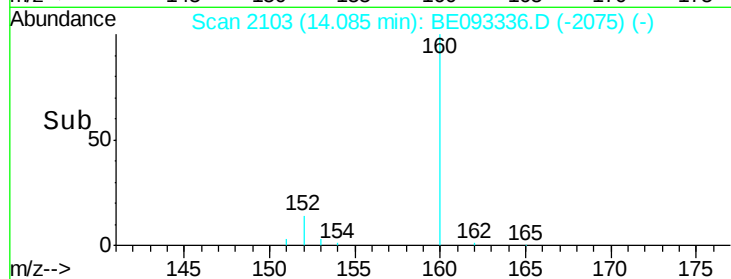
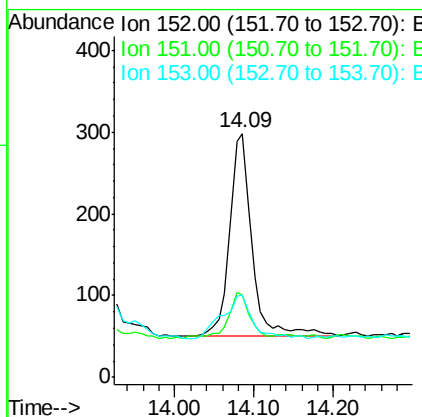
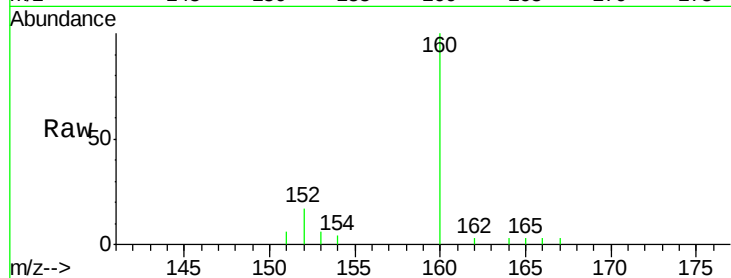
ClientSampleId :

F5A91DL

Tgt Ion:	152	Resp:	489
Ion Ratio	Lower	Upper	
152	100		
151	33.9	17.1	25.7#
153	33.9	12.8	19.2#

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#8

Acenaphthene

Concen: 0.120 ng/ul

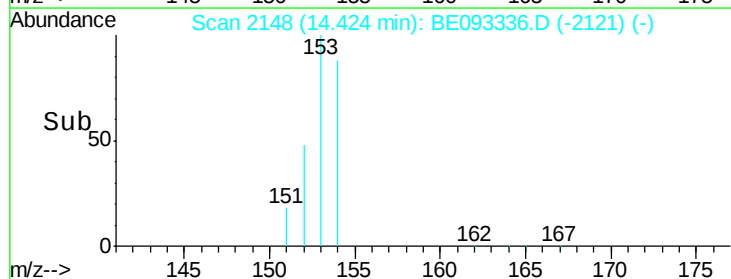
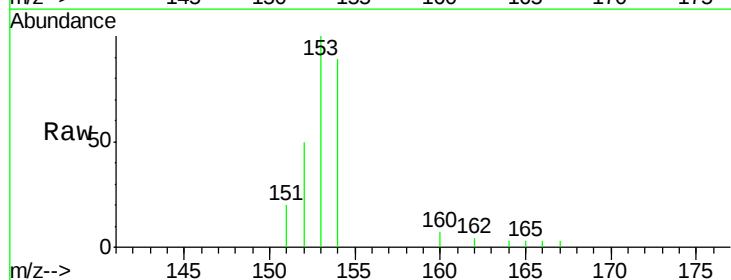
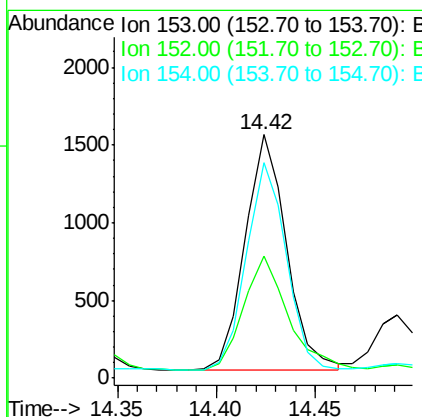
RT: 14.42 min Scan# 2148

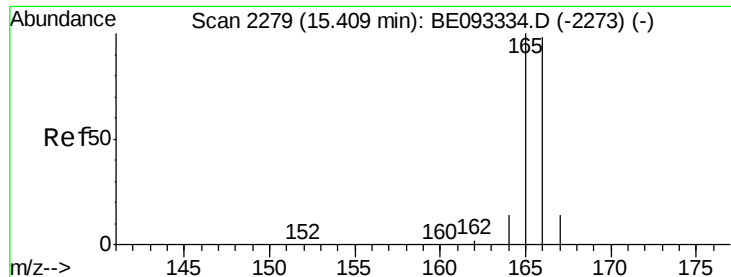
Delta R.T. -0.00 min

Lab File: BE093336.D

Acq: 23 Jun 2017 13:54

Tgt Ion:	153	Resp:	2204
Ion Ratio	Lower	Upper	
153	100		
152	50.2	40.3	60.5
154	88.6	71.4	107.2





#9

Fluorene

Concen: 0.249 ng/ul

RT: 15.41 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093336.D

Acq: 23 Jun 2017 13:54

Instrument :

BNA_E

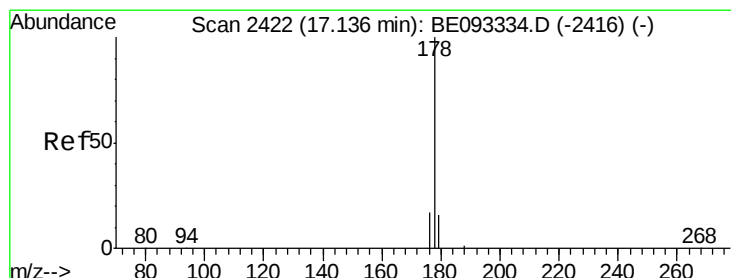
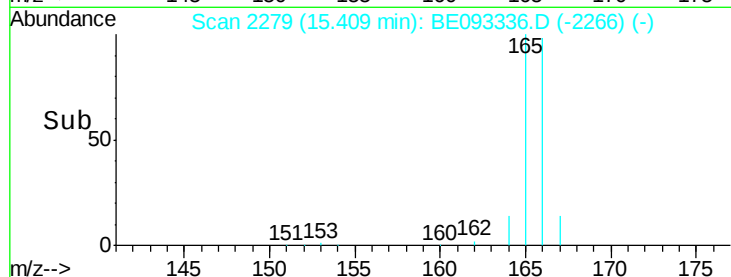
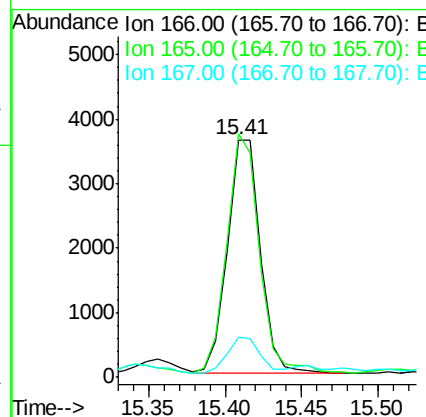
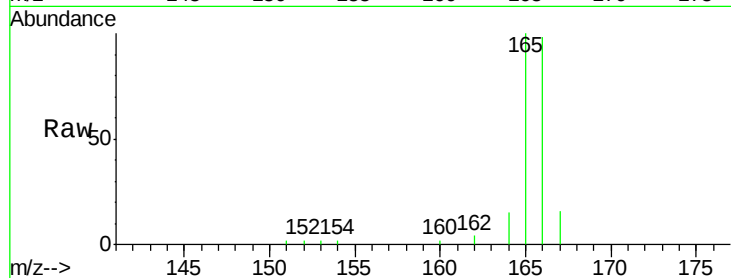
ClientSampleId :

F5A91DL

Tgt Ion:	166	Resp:	5385
Ion Ratio	Lower	Upper	
166	100		
165	102.6	73.4	110.2
167	16.7	14.6	22.0

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#12

Phenanthrene

Concen: 1.890 ng/ul

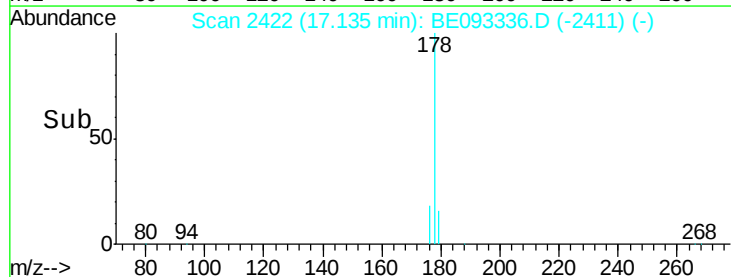
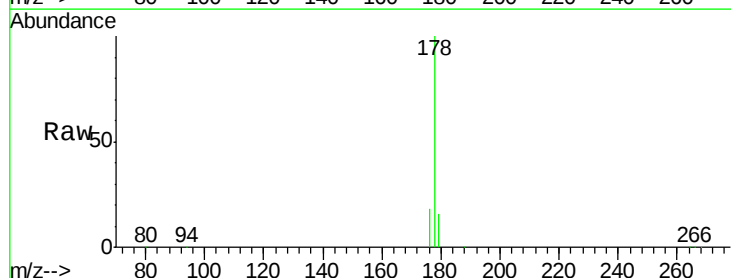
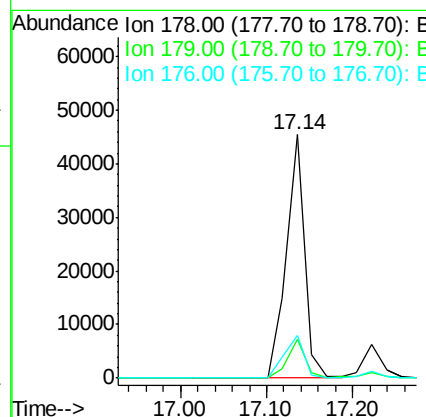
RT: 17.14 min Scan# 2422

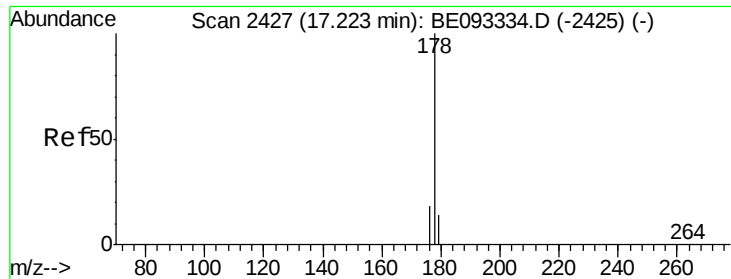
Delta R.T. -0.00 min

Lab File: BE093336.D

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Tgt Ion:	178	Resp:	67576
Ion Ratio	Lower	Upper	
178	100		
179	16.0	18.4	27.6#
176	17.8	13.6	20.4





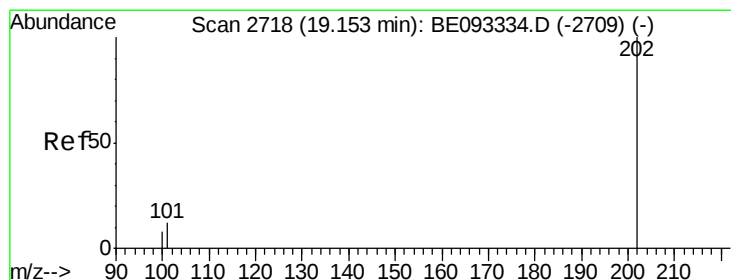
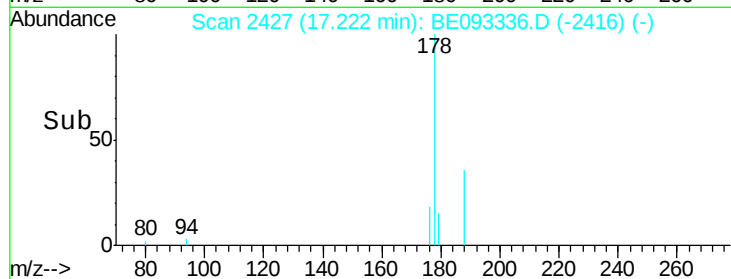
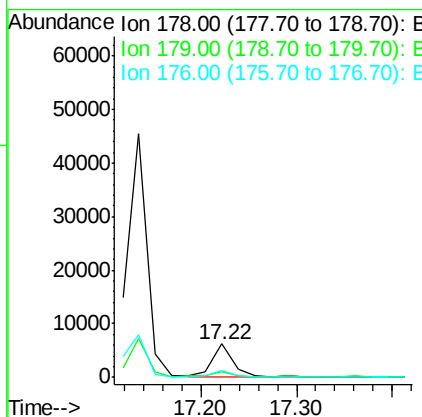
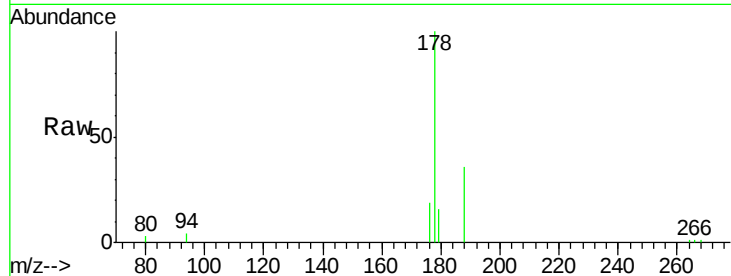
#13
 Anthracene
 Concen: 0.290 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BE093336.D
 Acq: 23 Jun 2017 13:54

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:178 Resp: 9044
 Ion Ratio Lower Upper
 178 100
 179 15.7 18.1 27.1#
 176 18.8 14.7 22.1

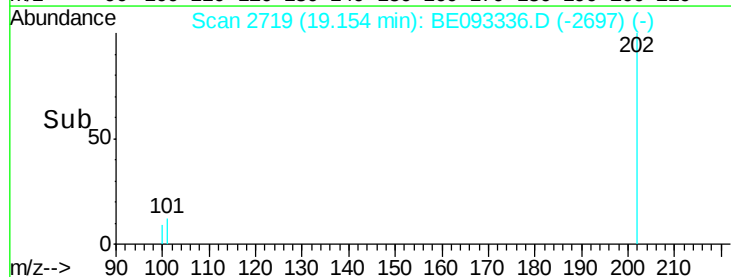
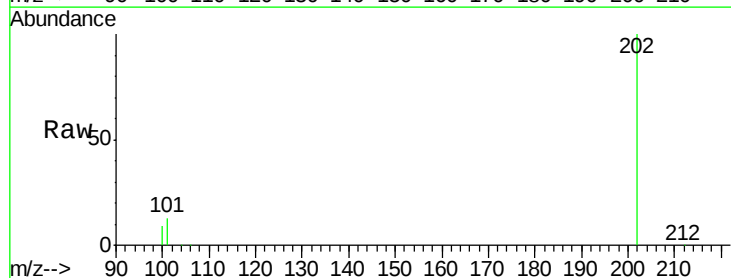
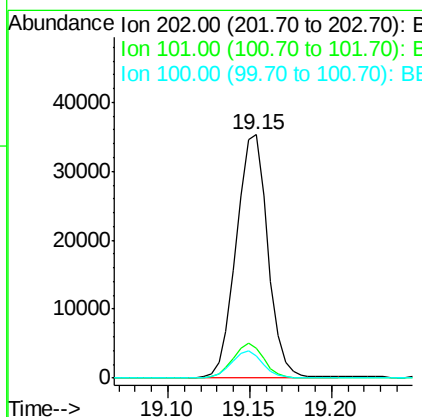
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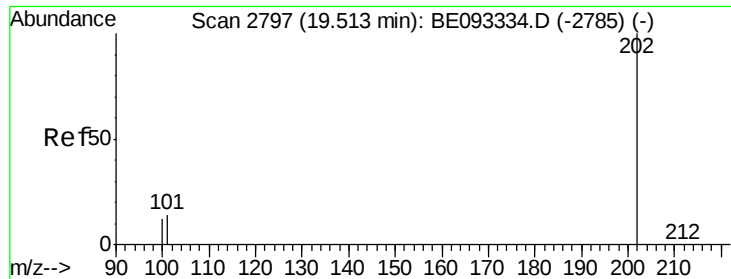
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#15
 Fluoranthene
 Concen: 1.075 ng/ul
 RT: 19.15 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE093336.D
 Acq: 23 Jun 2017 13:54

Tgt Ion:202 Resp: 47123
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 30.3
 100 9.2 0.0 39.5





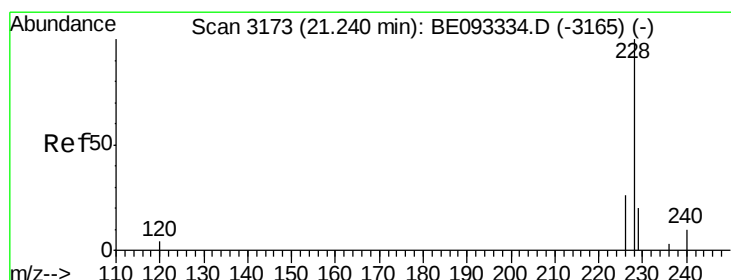
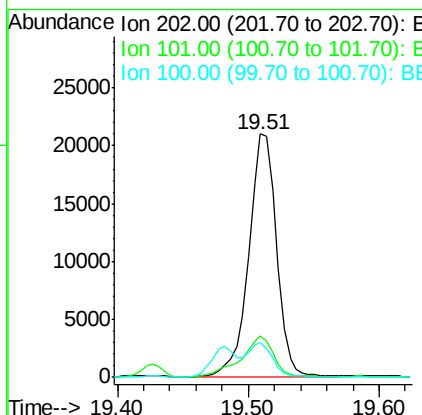
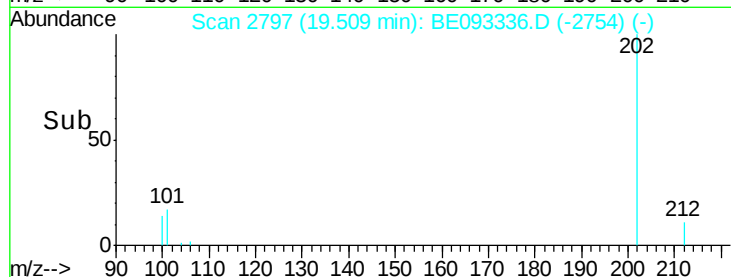
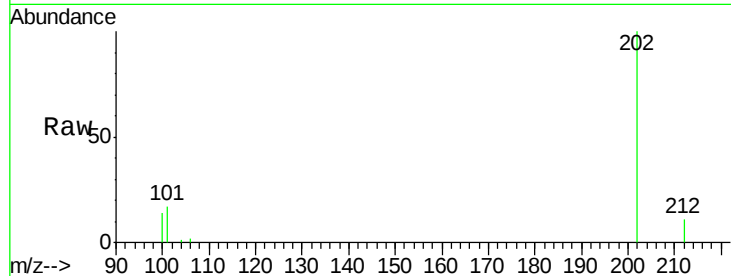
#17
Pyrene
 Concen: 0.813 ng/ul
 RT: 19.51 min Scan# 2797
 Delta R.T. -0.00 min
 Lab File: BE093336.D
 Acq: 23 Jun 2017 13:54

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 BNA_E
 ClientSampleId :
 F5A91DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.0	18.2	27.4#
100	14.2	15.6	23.4#

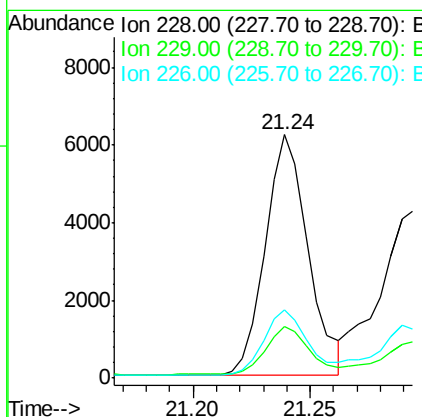
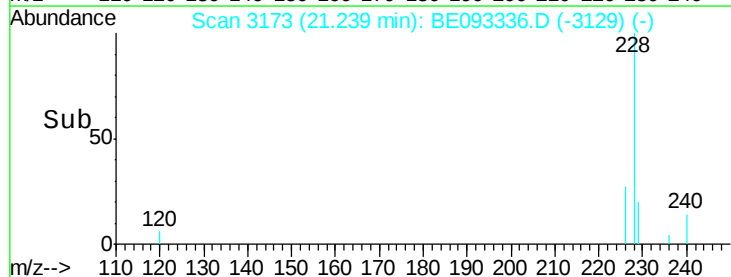
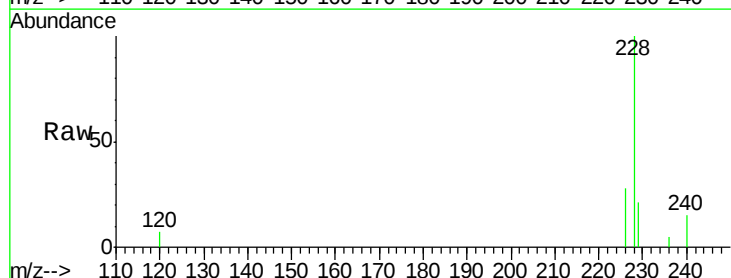
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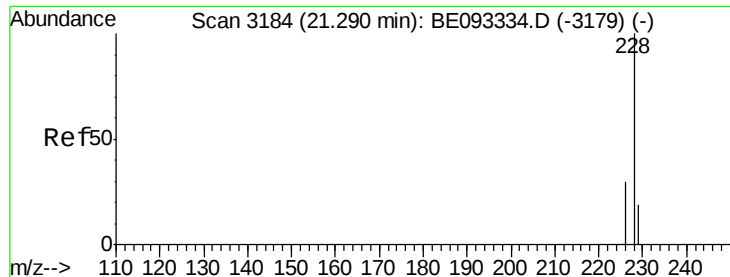
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#18
Benzo(a)anthracene
 Concen: 0.231 ng/ul
 RT: 21.24 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BE093336.D
 Acq: 23 Jun 2017 13:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	22.8	34.2#
226	28.1	17.0	25.6#





#19

Chrysene

Concen: 0.186 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093336.D

Acq: 23 Jun 2017 13:54

Instrument :

BNA_E

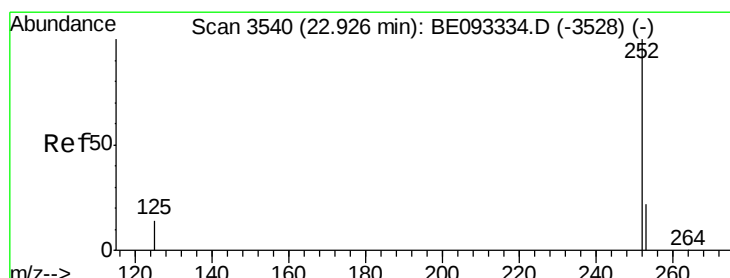
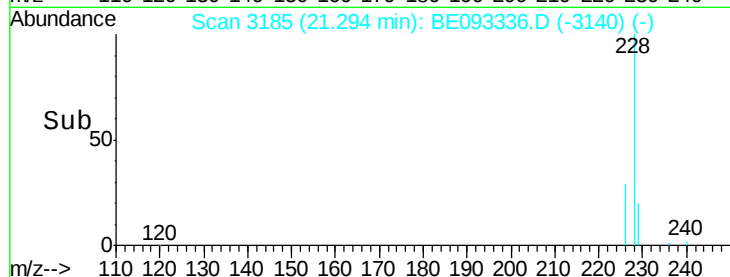
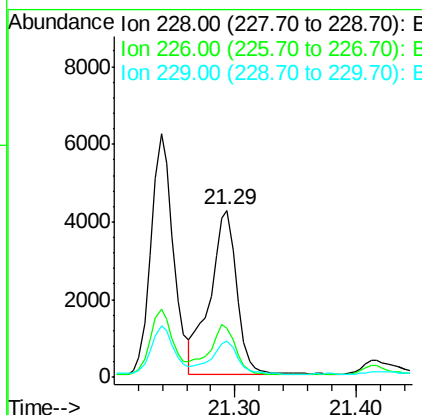
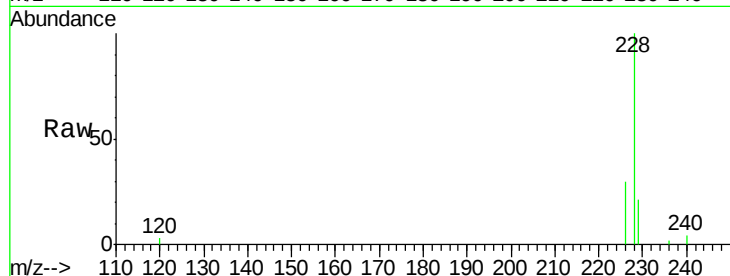
ClientSampleId :

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Tgt Ion:	228	Resp:	6593
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.0
229	21.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.114 ng/ul m

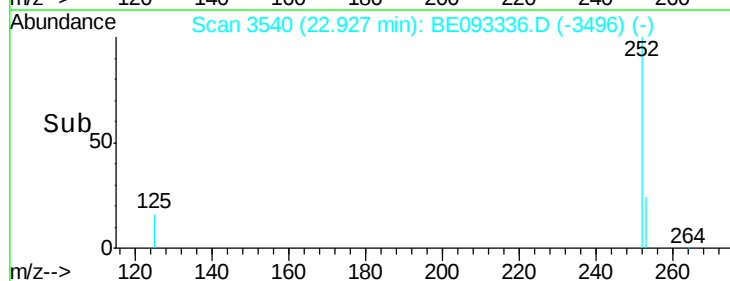
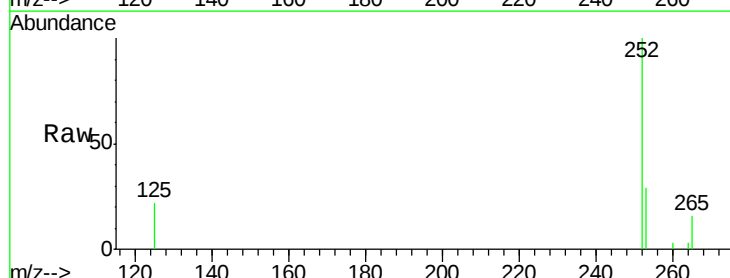
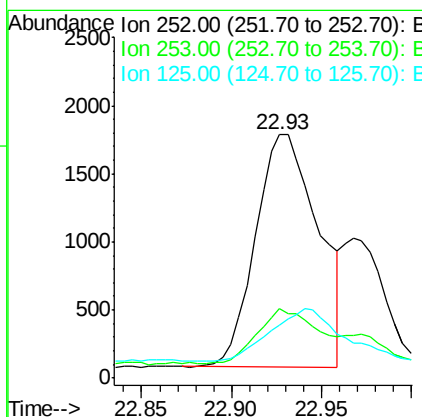
RT: 22.93 min Scan# 3540

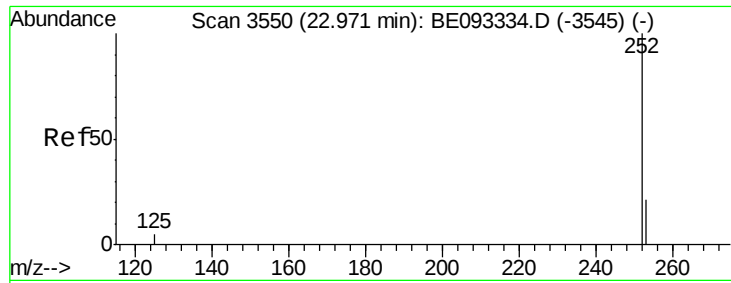
Delta R.T. 0.00 min

Lab File: BE093336.D

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Tgt Ion:	252	Resp:	4150
Ion Ratio	Lower	Upper	
252	100		
253	28.8	0.0	64.2
125	21.6	0.0	35.0





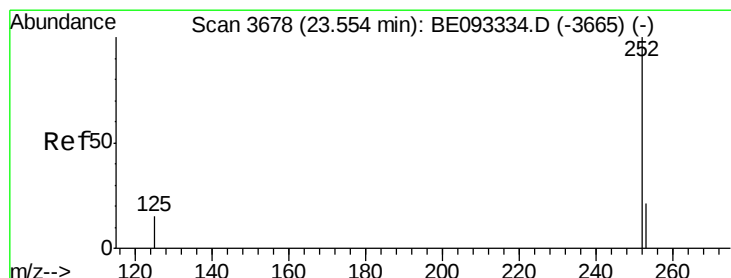
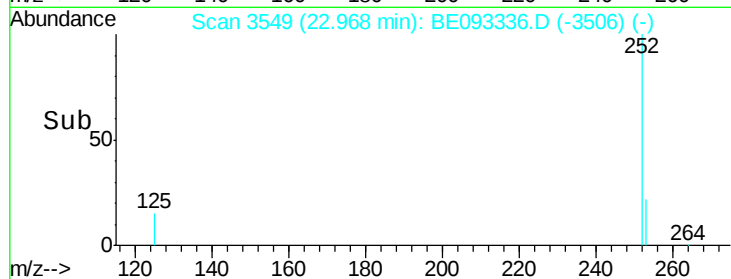
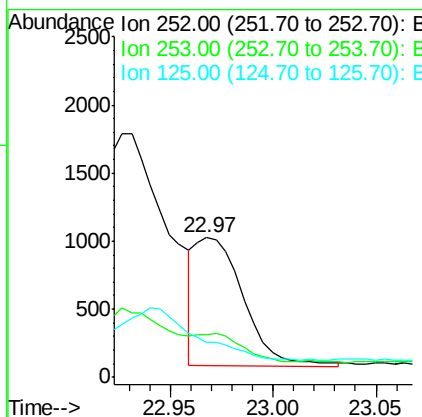
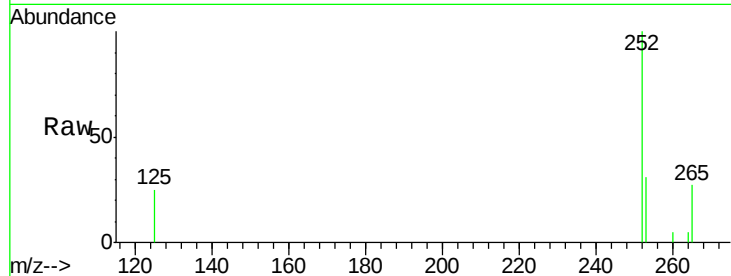
#22
Benzo(k)fluoranthene
Concen: 0.040 ng/ul m
RT: 22.97 min Scan# 3549
Delta R.T. -0.00 min
Lab File: BE093336.D
Acq: 23 Jun 2017 13:54

Instrument :
BNA_E
ClientSampleId :
F5A91DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.6	24.5	36.7
125	25.1	13.7	20.5

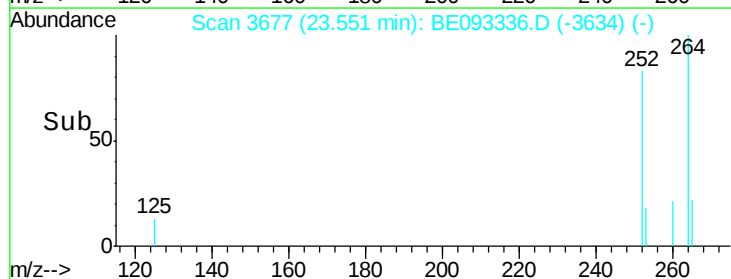
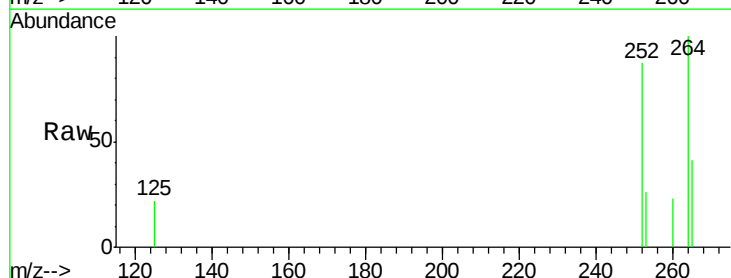
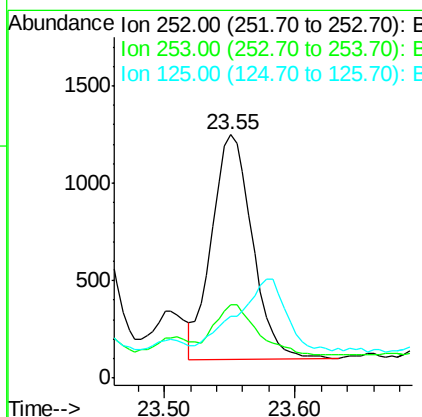
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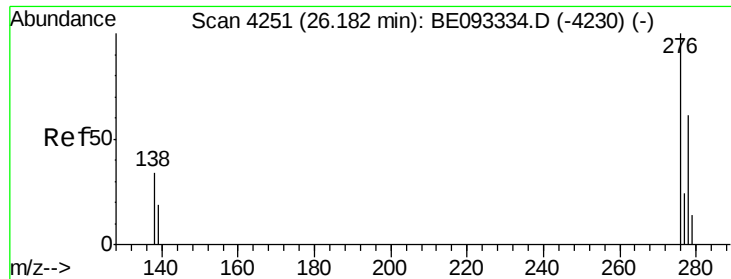
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#23
Benzo(a)pyrene
Concen: 0.071 ng/ul
RT: 23.55 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BE093336.D
Acq: 23 Jun 2017 13:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	28.5	42.7
125	25.6	18.1	27.1





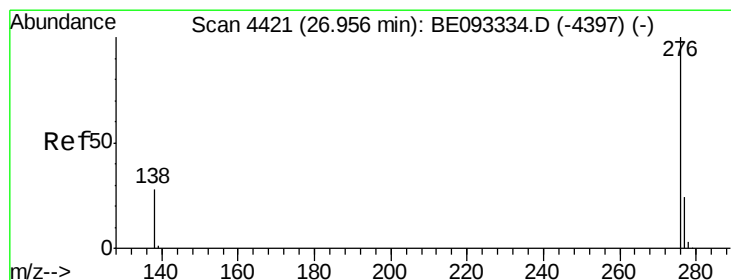
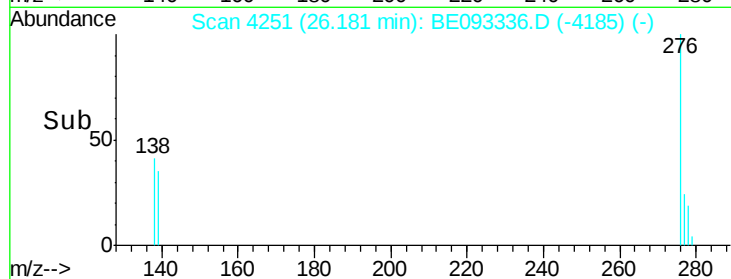
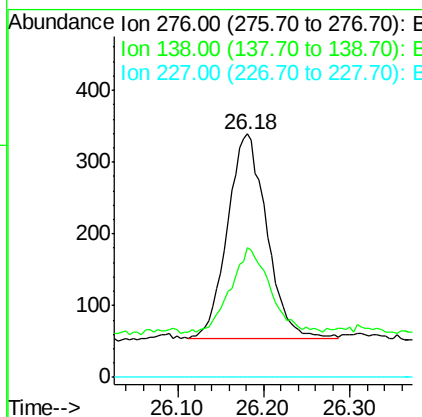
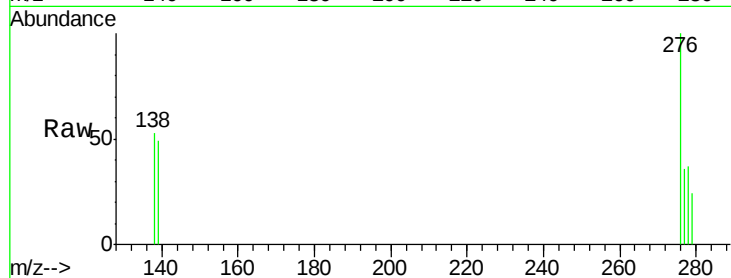
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.022 ng/u1
 RT: 26.18 min Scan# 4251
 Delta R.T. -0.00 min
 Lab File: BE093336.D
 Acq: 23 Jun 2017 13:54

Instrument :
 BNA_E
 ClientSampleId :
 F5A91DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	43.6	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

mohammad
 6/29/2017 8:32:47 AM



#26
 Benzo(g,h,i)perylene
 Concen: 0.021 ng/u1
 RT: 26.96 min Scan# 4422
 Delta R.T. 0.00 min
 Lab File: BE093336.D
 Acq: 23 Jun 2017 13:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	43.4	21.8	32.8#
277	37.8	20.5	30.7#

