

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060917\
 Data File : BE093092.D
 Acq On : 9 Jun 2017 15:36
 Operator : SJ/MA
 Sample : MDL-S-07
 Misc : 0.07 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-S-07

Manual Integrations
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Quant Time: Jun 09 16:12:48 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 17:42:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	5222	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	24029	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12245	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	33538	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	40041	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	36879	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	13189	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	32673	0.36	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.57	128	3535	0.059	ng/ul#	95
5) 2-Methylnaphthalene	12.19	142	2278	0.056	ng/ul	96
7) Acenaphthylene	14.09	152	2568	0.049	ng/ul	100
8) Acenaphthene	14.43	153	2397	0.057	ng/ul	98
9) Fluorene	15.42	166	2639	0.053	ng/ul	90
11) Pentachlorophenol	16.76	266	220	0.044	ng/ul	94
12) Phenanthrene	17.14	178	5308	0.058	ng/ul#	87
13) Anthracene	17.22	178	4226	0.053	ng/ul#	88
15) Fluoranthene	19.16	202	6059	0.054	ng/ul	84
17) Pyrene	19.52	202	6171	0.052	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	6092	0.057	ng/ul#	85
19) Chrysene	21.29	228	6333	0.057	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	5470	0.049	ng/ul	92
22) Benzo(k)fluoranthene	22.98	252	6177m	0.052	ng/ul	
23) Benzo(a)pyrene	23.55	252	5572	0.053	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.18	276	6487	0.053	ng/ul#	47
25) Dibenzo(a,h)anthracene	26.21	278	5440	0.053	ng/ul#	78
26) Benzo(g,h,i)perylene	26.95	276	5413	0.052	ng/ul	97

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

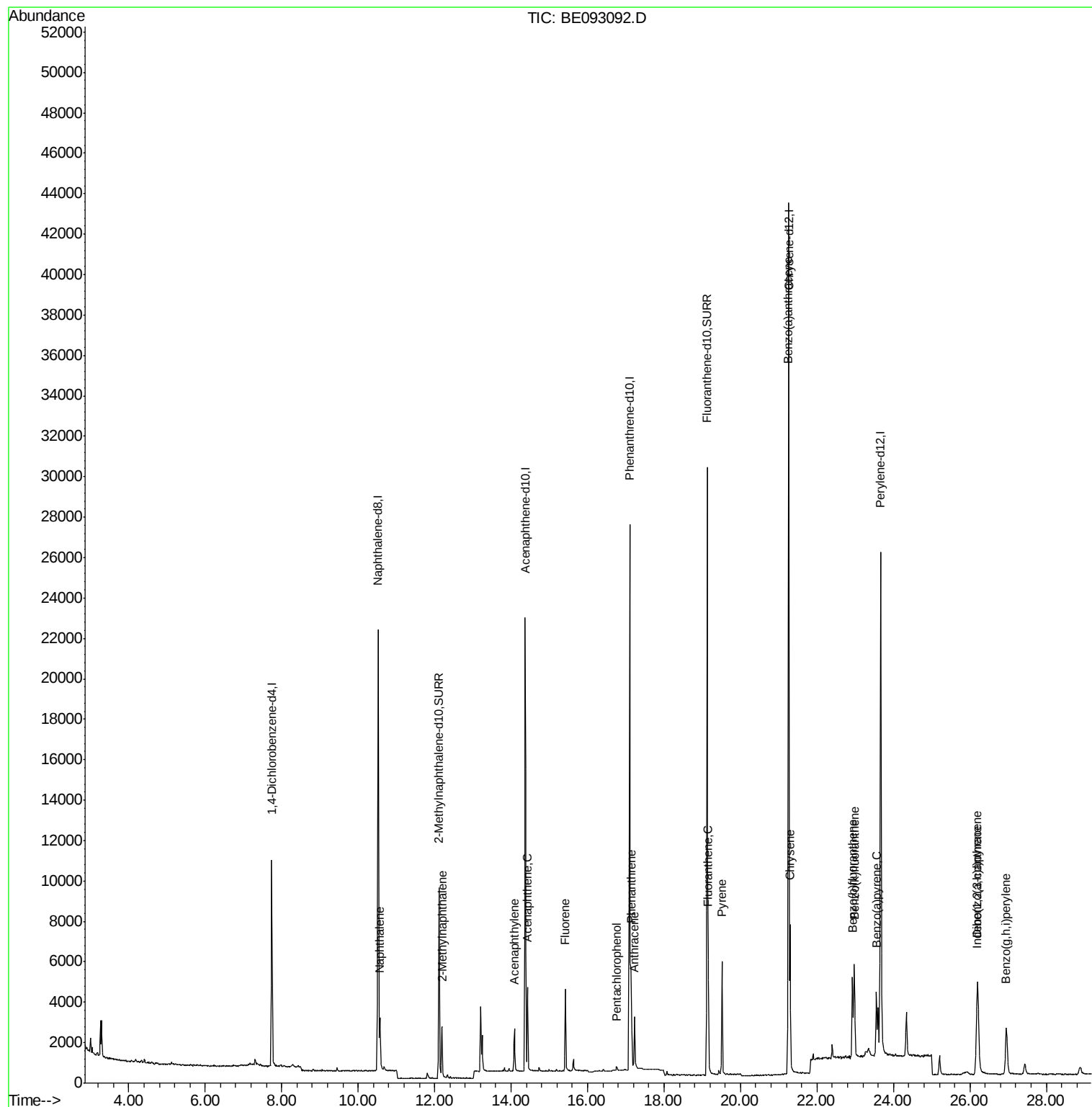
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060917\
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ALS Vial : 9 Sample Multiplier: 1

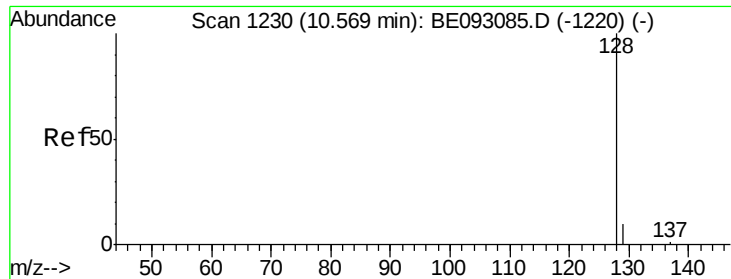
Instrument :
BNA_E
ClientSampleID :
MDL-S-07

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#3

Naphthalene

Concen: 0.059 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BE093092.D

Acq: 9 Jun 2017 15:36

Instrument :

BNA_E

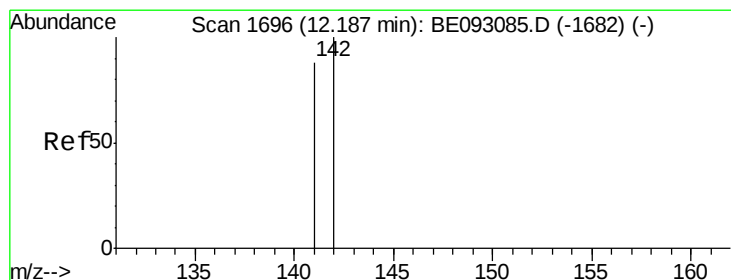
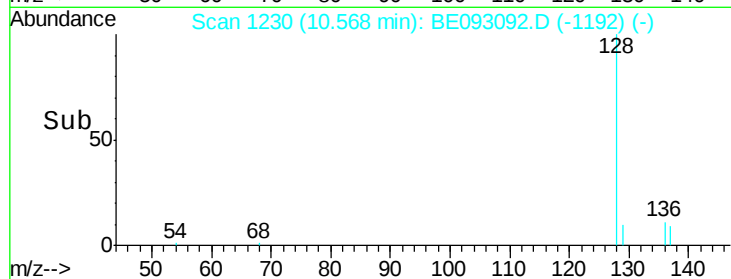
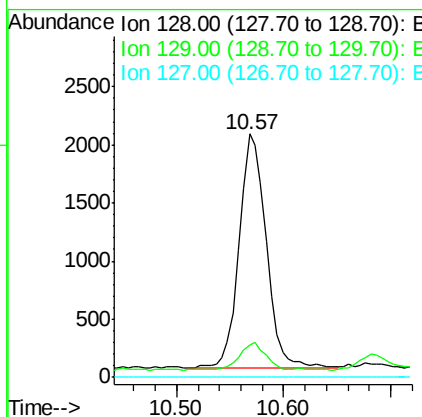
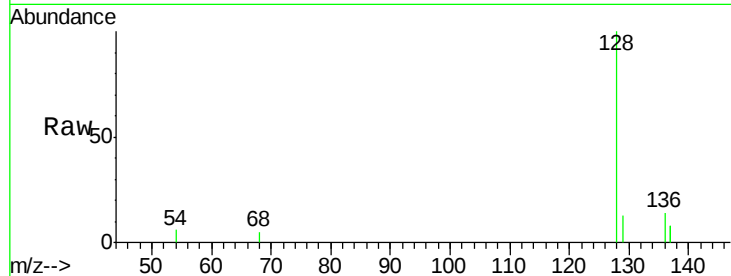
ClientSampleId :

MDL-S-07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.4	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.056 ng/ul

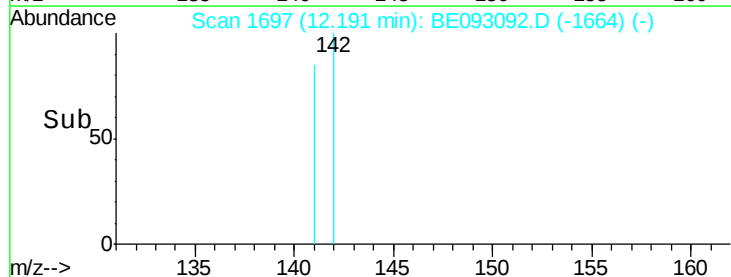
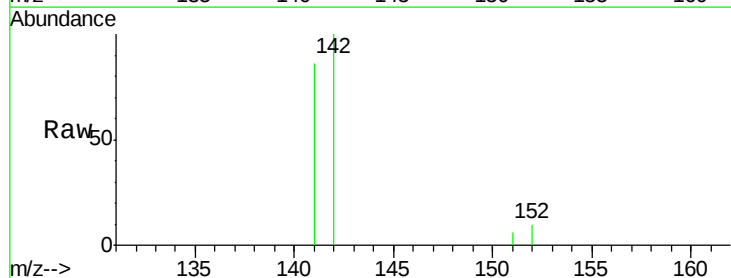
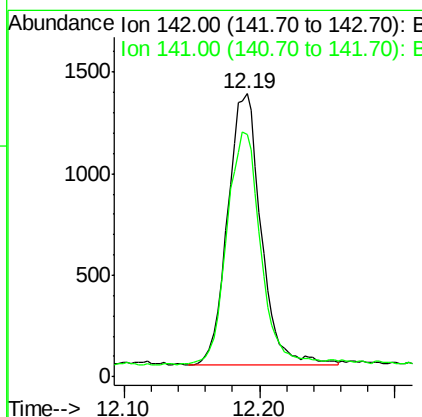
RT: 12.19 min Scan# 1697

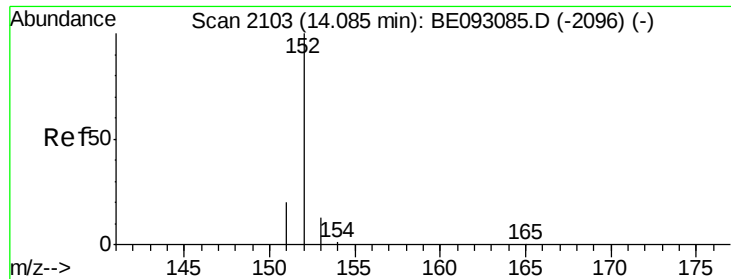
Delta R.T. 0.00 min

Lab File: BE093092.D

Acq: 9 Jun 2017 15:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093092.D

Acq: 9 Jun 2017 15:36

Instrument :

BNA_E

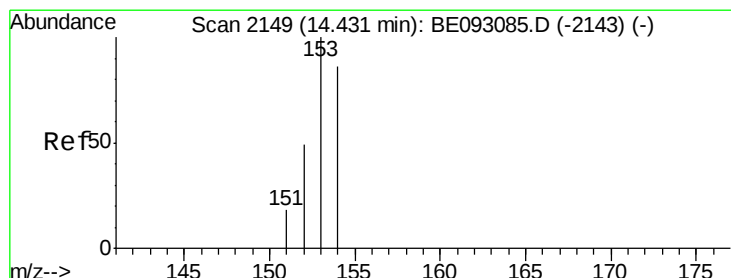
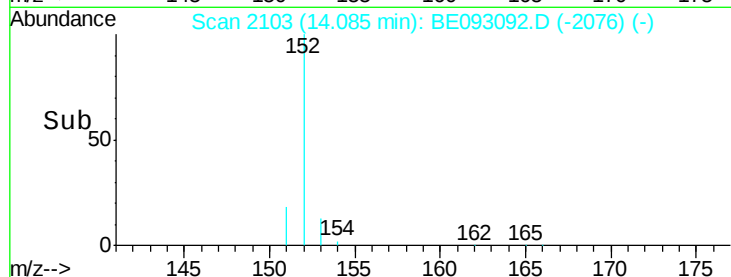
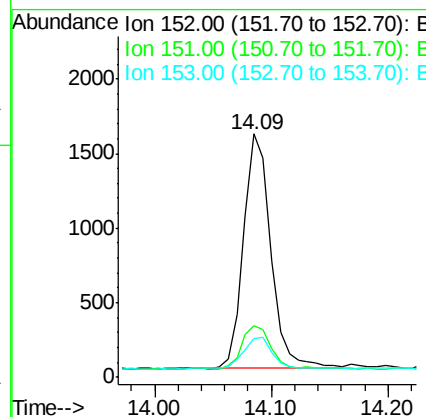
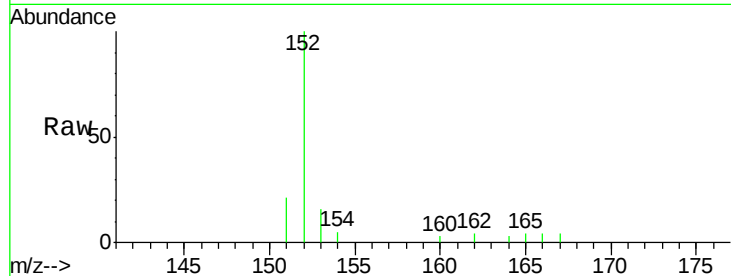
ClientSampleId :

MDL-S-07

Tgt Ion:	152	Resp:	2568
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.1	25.7
153	16.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.057 ng/ul

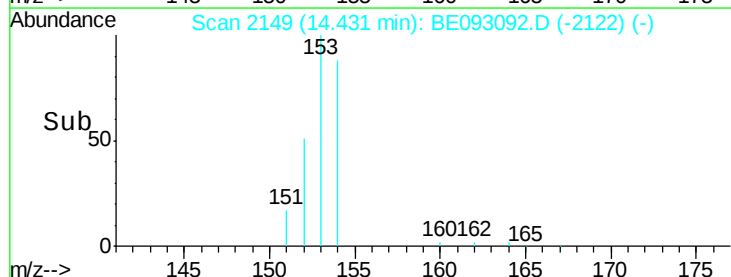
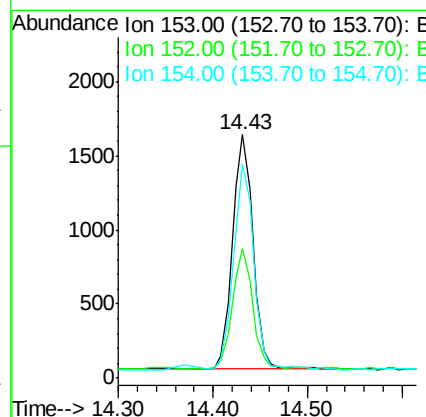
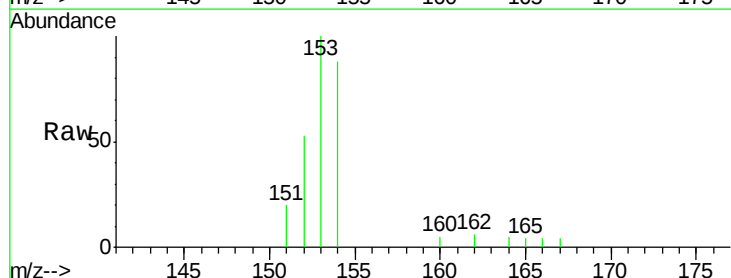
RT: 14.43 min Scan# 2149

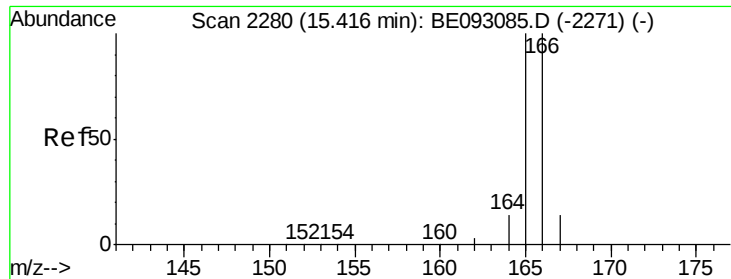
Delta R.T. -0.00 min

Lab File: BE093092.D

Acq: 9 Jun 2017 15:36

Tgt Ion:	153	Resp:	2397
Ion Ratio	Lower	Upper	
153	100		
152	53.4	40.3	60.5
154	88.1	71.4	107.2





#9

Fluorene

Concen: 0.053 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093092.D

Acq: 9 Jun 2017 15:36

Instrument :

BNA_E

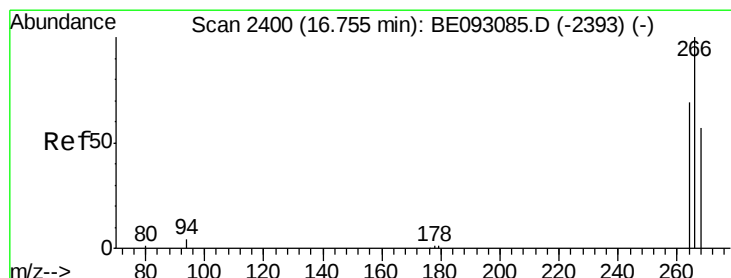
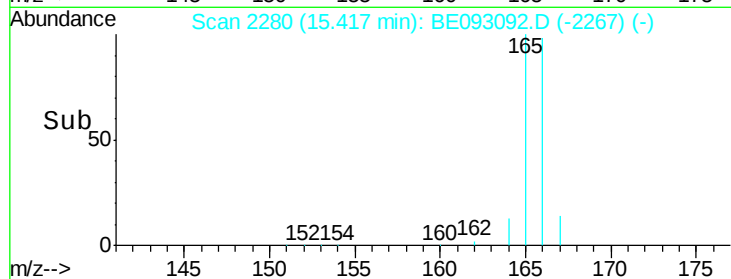
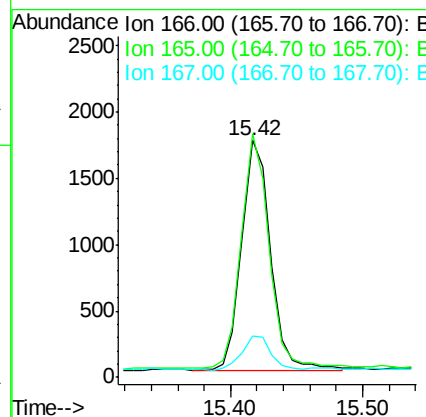
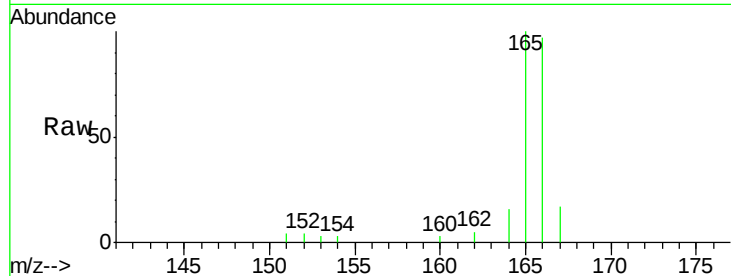
ClientSampleID :

MDL-S-07

Tgt Ion:	166	Resp:	2639
Ion Ratio	Lower	Upper	
166	100		
165	102.8	73.4	110.2
167	17.5	14.6	22.0

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#11

Pentachlorophenol

Concen: 0.044 ng/ul

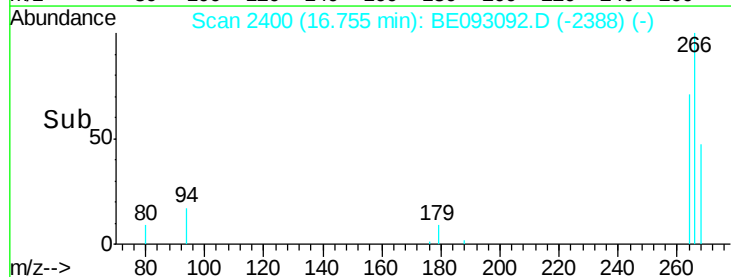
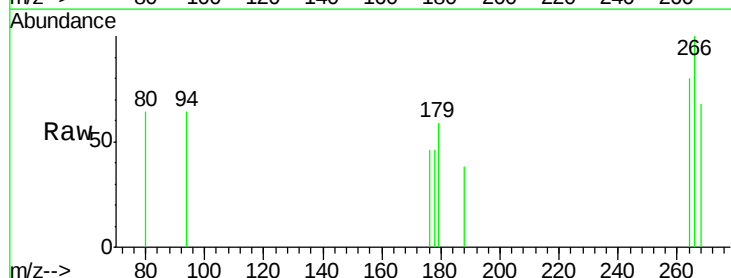
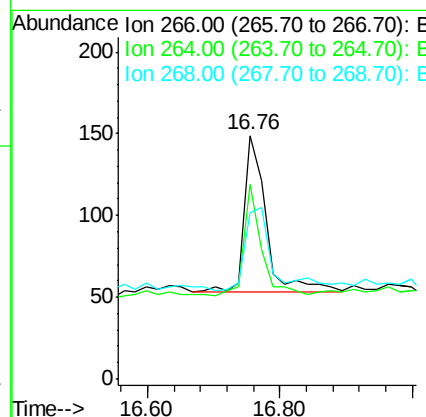
RT: 16.76 min Scan# 2400

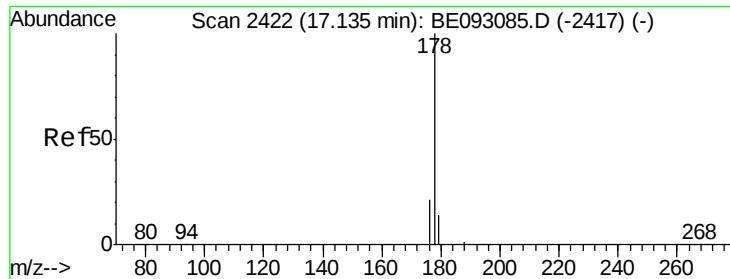
Delta R.T. 0.00 min

Lab File: BE093092.D

Acq: 9 Jun 2017 15:36

Tgt Ion:	266	Resp:	220
Ion Ratio	Lower	Upper	
266	100		
264	55.9	47.9	71.9
268	67.7	49.8	74.8





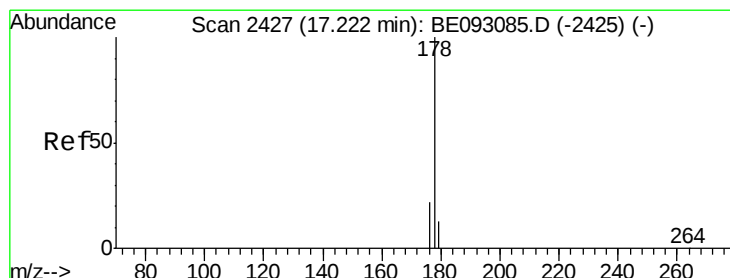
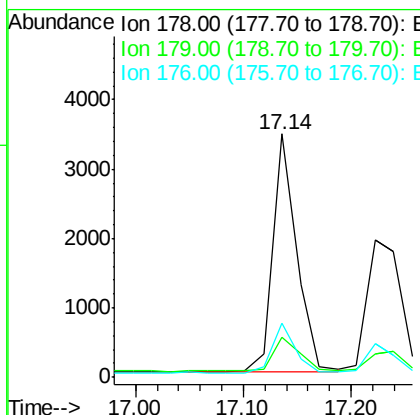
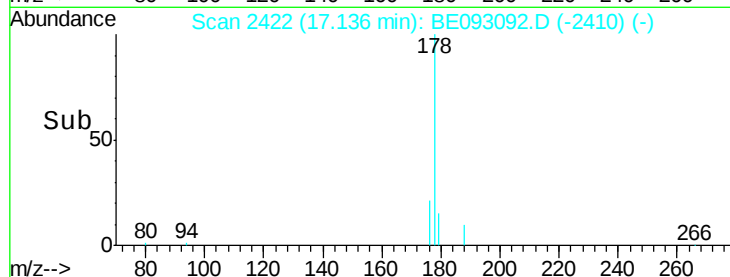
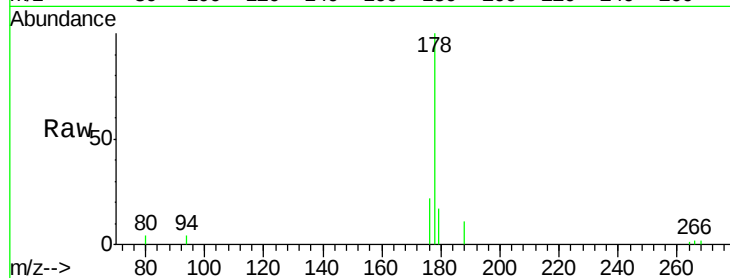
#12
Phenanthrene
Concen: 0.058 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093092.D
Acq: 9 Jun 2017 15:36

Instrument :
BNA_E
ClientSampleId :
MDL-S-07

Tgt Ion:178 Resp: 5308
Ion Ratio Lower Upper
178 100
179 16.7 18.4 27.6#
176 22.5 13.6 20.4#

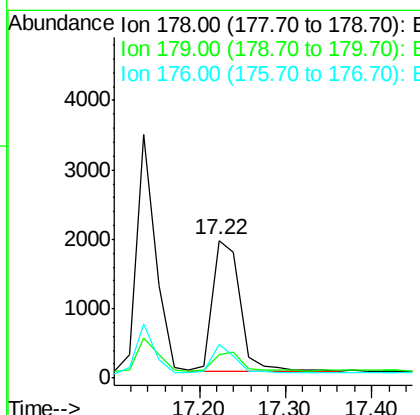
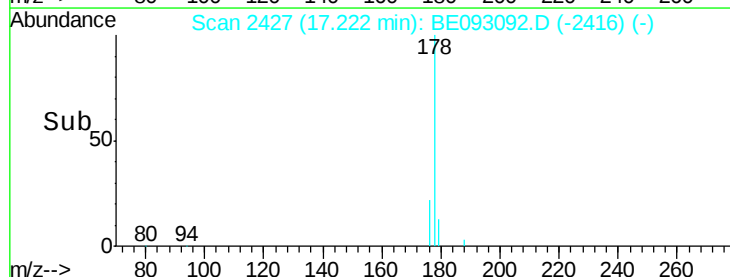
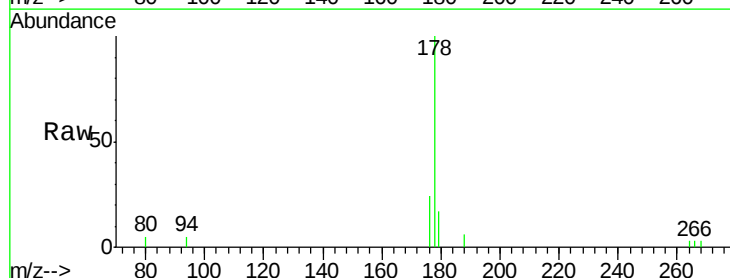
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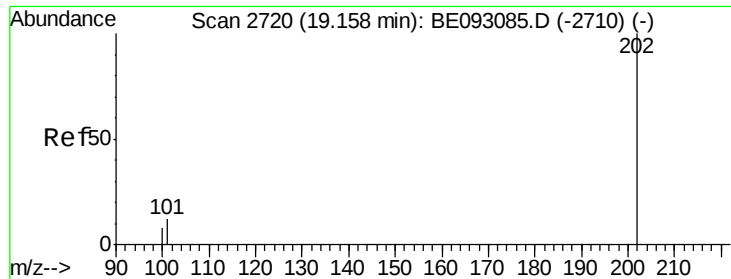
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#13
Anthracene
Concen: 0.053 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BE093092.D
Acq: 9 Jun 2017 15:36

Tgt Ion:178 Resp: 4226
Ion Ratio Lower Upper
178 100
179 17.2 18.1 27.1#
176 24.4 14.7 22.1#





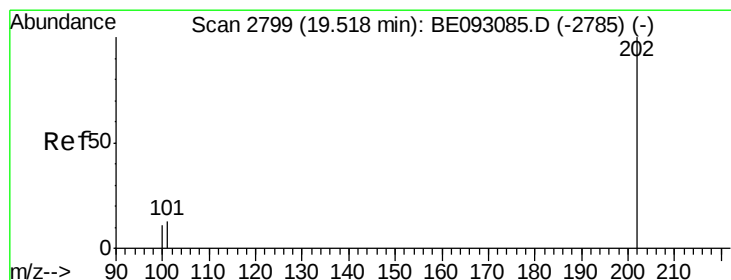
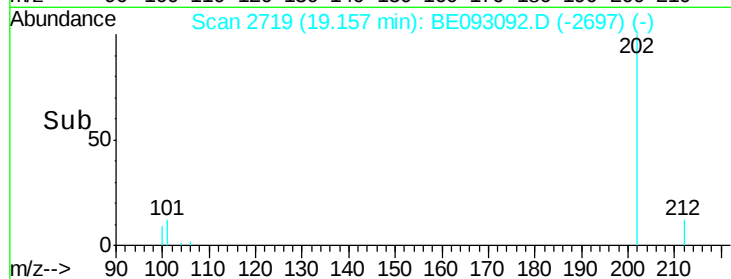
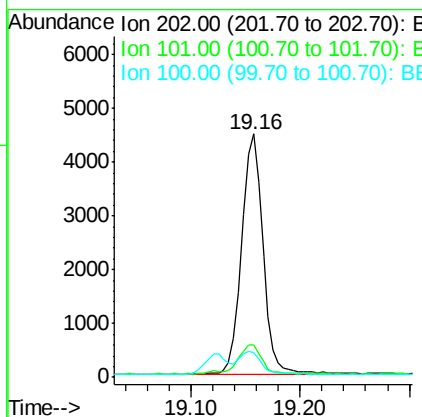
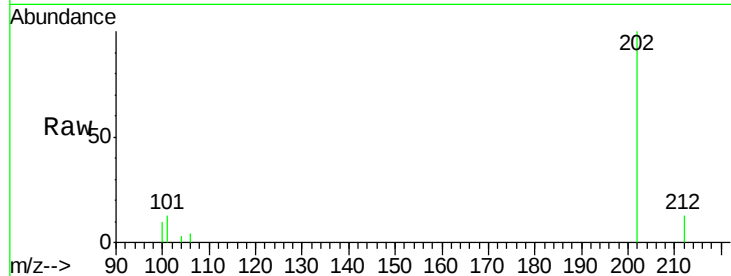
#15
Fluoranthene
 Concen: 0.054 ng/ul
 RT: 19.16 min Scan# 2719
 Delta R.T. -0.00 min
 Lab File: BE093092.D
 Acq: 9 Jun 2017 15:36

Instrument :
 BNA_E
 ClientSampleId :
 MDL-S-07

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	0.0	30.3
100	10.3	0.0	39.5

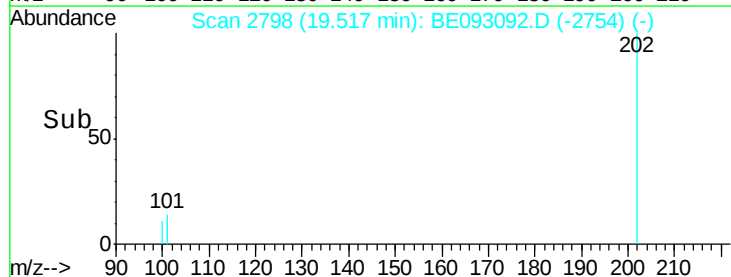
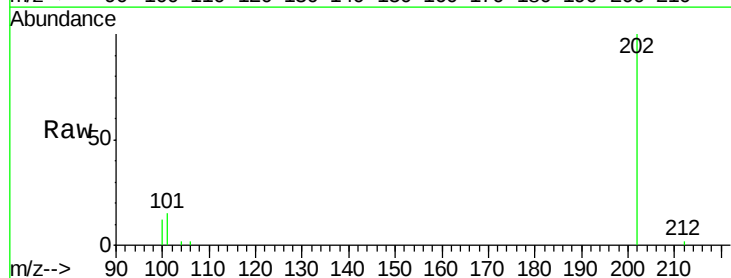
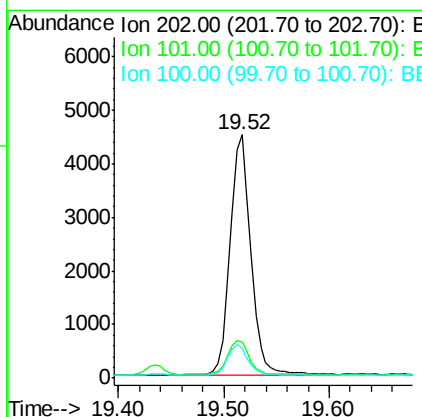
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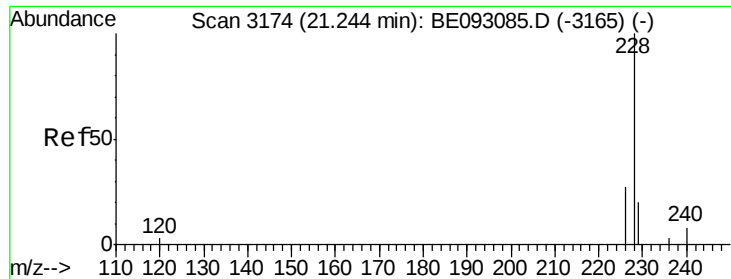
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#17
Pyrene
 Concen: 0.052 ng/ul
 RT: 19.52 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BE093092.D
 Acq: 9 Jun 2017 15:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.9	18.2	27.4#
100	12.3	15.6	23.4#





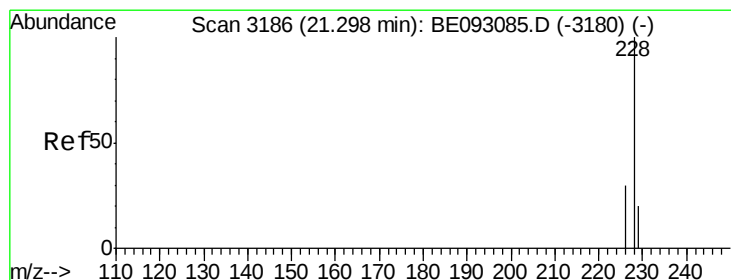
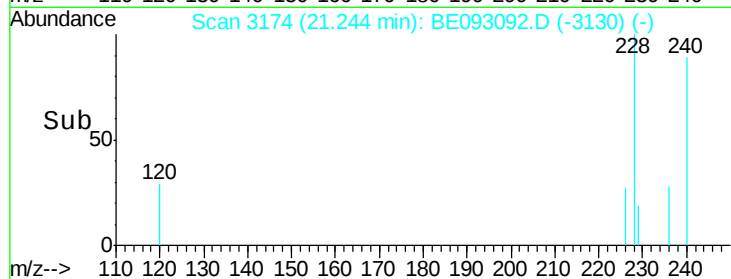
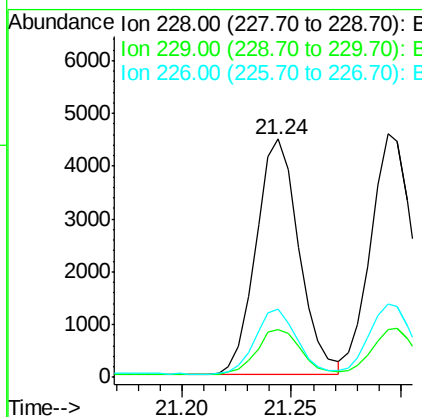
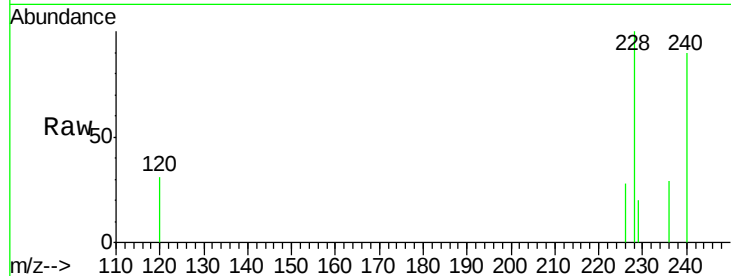
#18
Benzo(a)anthracene
Concen: 0.057 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093092.D
Acq: 9 Jun 2017 15:36

Instrument :
BNA_E
ClientSampleId :
MDL-S-07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	22.8	34.2#
226	28.4	17.0	25.6#

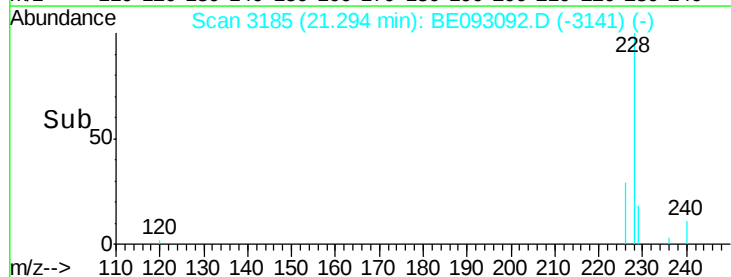
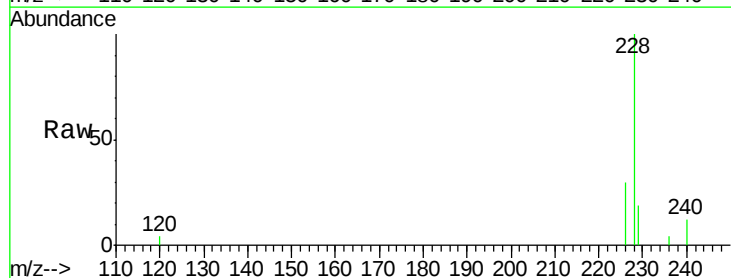
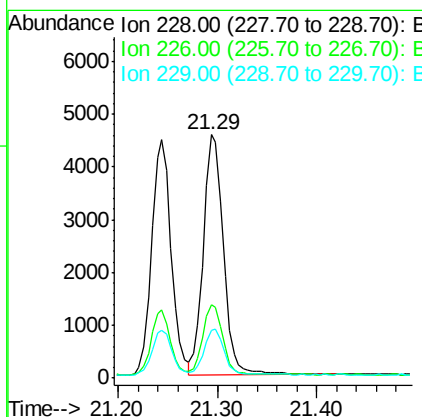
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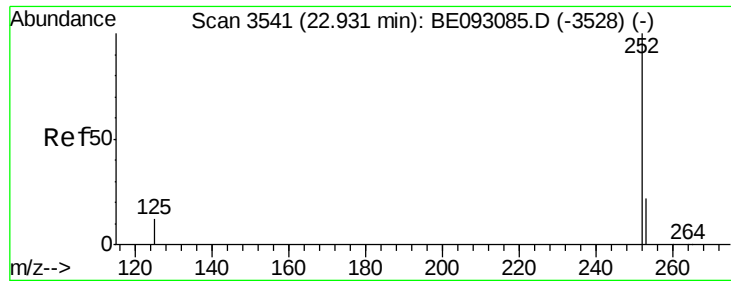
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#19
Chrysene
Concen: 0.057 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093092.D
Acq: 9 Jun 2017 15:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	19.4	17.7	26.5





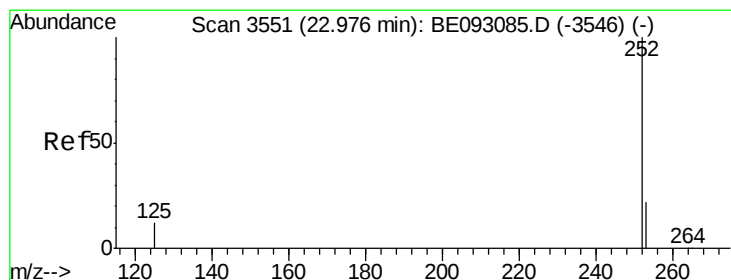
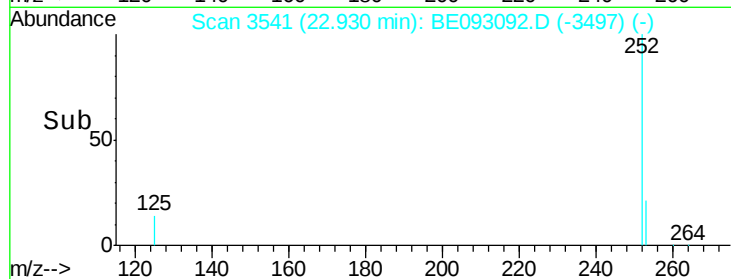
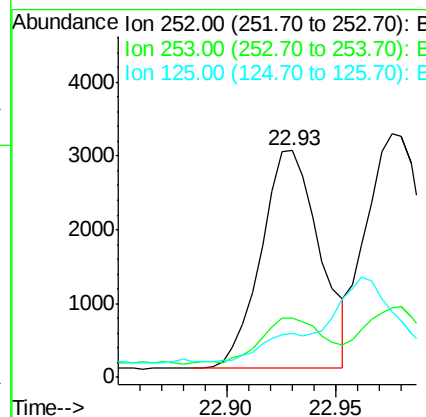
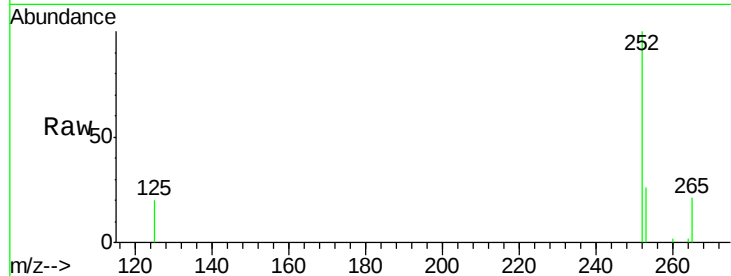
#21
Benzo(b)fluoranthene
Concen: 0.049 ng/ul
RT: 22.93 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BE093092.D
Acq: 9 Jun 2017 15:36

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion:252 Resp: 5470
Ion Ratio Lower Upper
252 100
253 26.3 0.0 64.2
125 19.5 0.0 35.0

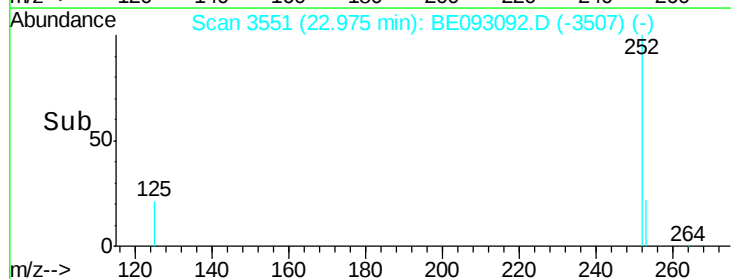
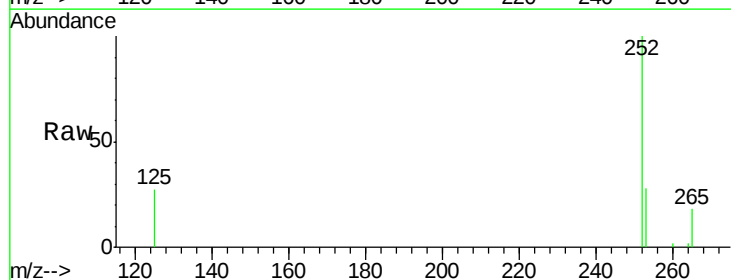
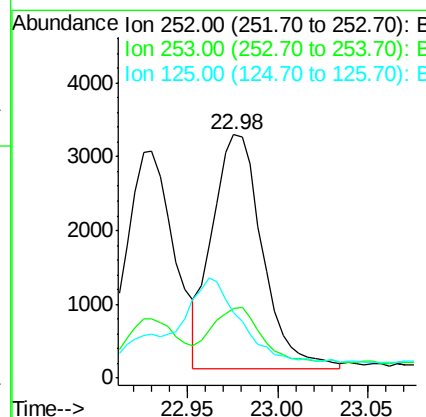
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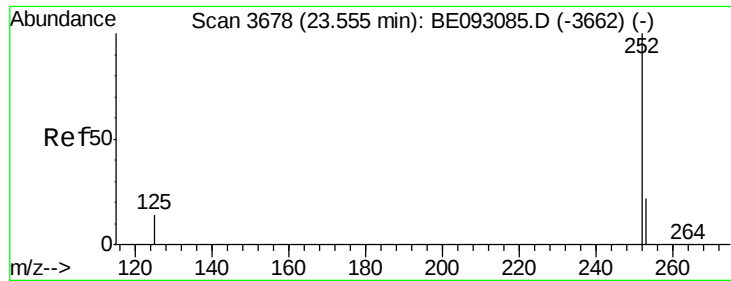
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#22
Benzo(k)fluoranthene
Concen: 0.052 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BE093092.D
Acq: 9 Jun 2017 15:36

Tgt Ion:252 Resp: 6177
Ion Ratio Lower Upper
252 100
253 28.3 24.5 36.7
125 27.1 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.053 ng/u1

RT: 23.55 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BE093092.D

Acq: 9 Jun 2017 15:36

Instrument :

BNA_E

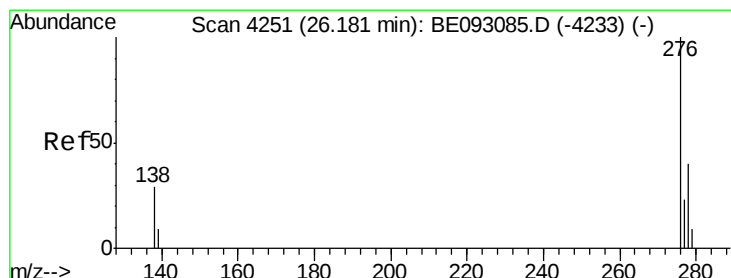
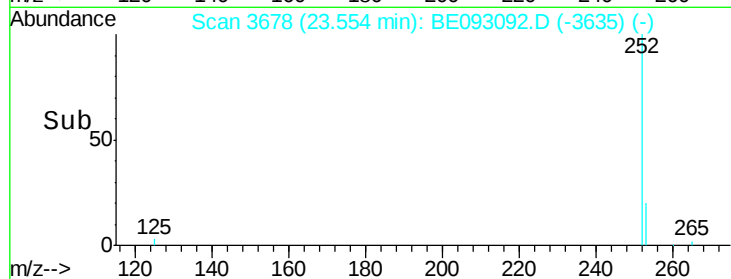
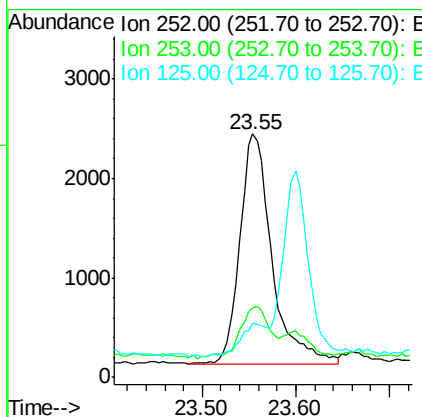
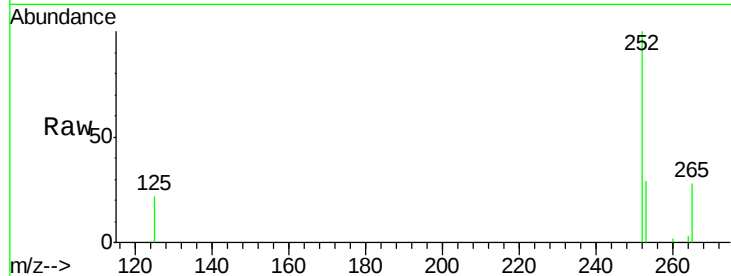
ClientSampleId :

MDL-S-07

Tgt Ion:	252	Resp:	5572
Ion Ratio	Lower	Upper	
252	100		
253	28.7	28.5	42.7
125	22.4	18.1	27.1

Manual Integrations
APPROVED

mohammad
6/9/2017 5:42:04 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.053 ng/u1

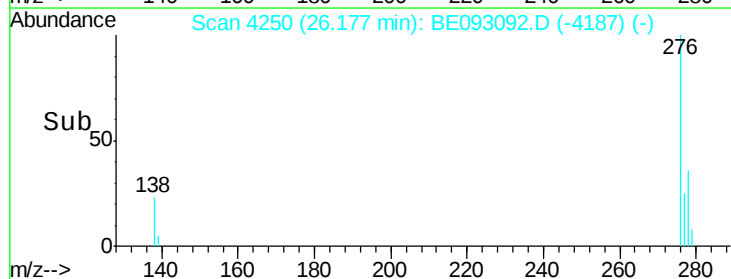
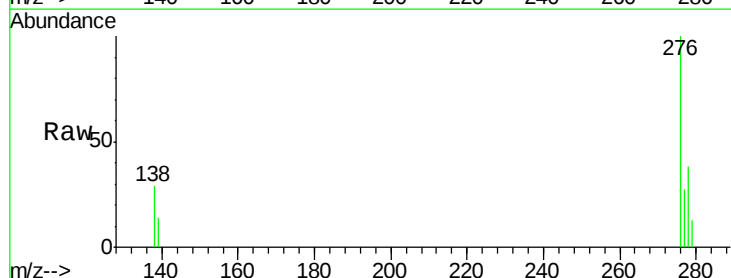
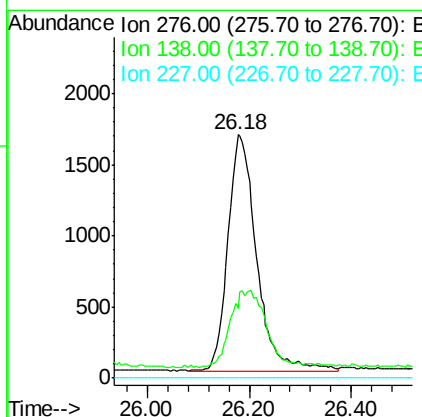
RT: 26.18 min Scan# 4250

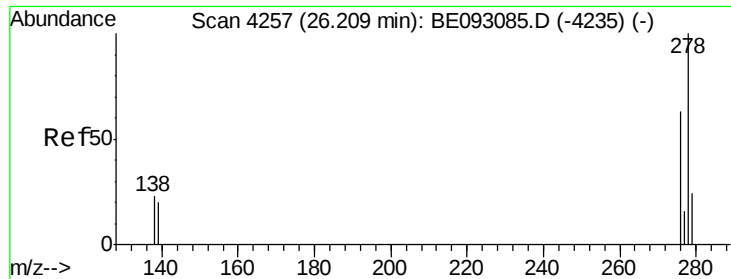
Delta R.T. -0.01 min

Lab File: BE093092.D

Acq: 9 Jun 2017 15:36

Tgt Ion:	276	Resp:	6487
Ion Ratio	Lower	Upper	
276	100		
138	0.0	28.0	42.0#
227	0.0	8.0	12.0#





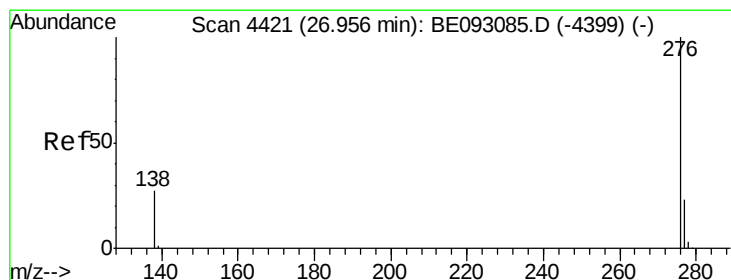
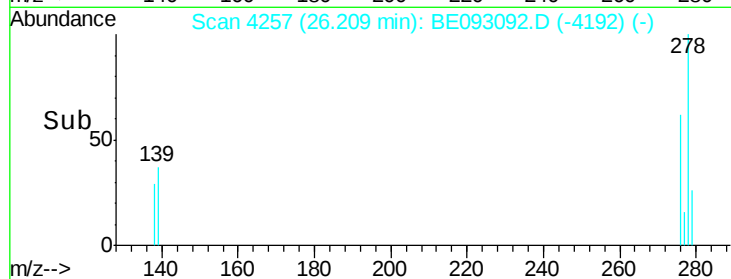
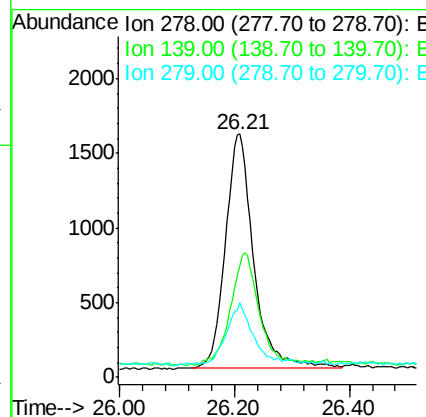
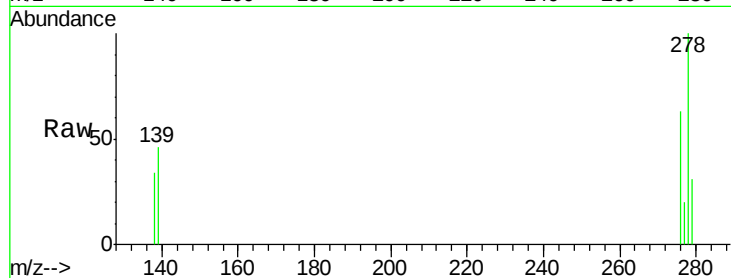
#25
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 26.21 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BE093092.D
Acq: 9 Jun 2017 15:36

Instrument :
BNA_E
ClientSampleId :
MDL-S-07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.7	17.4	26.0#
279	30.5	25.9	38.9

Manual Integrations
APPROVED

mohammad
6/9/2017 5:42:04 PM



#26
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul
RT: 26.95 min Scan# 4419
Delta R.T. -0.01 min
Lab File: BE093092.D
Acq: 9 Jun 2017 15:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.8
277	25.2	20.5	30.7

