

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
 Data File : BE093358.D
 Acq On : 24 Jun 2017 12:46
 Operator : SJ/JU
 Sample : I3625-11DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5D15DL

Manual Integrations
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mohammad
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Quant Time: Jun 26 01:31:16 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 01:13:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1297	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	6734	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	3808	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	9698	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11679	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	9707	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	171	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	994	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	310	0.019	ng/ul#	66
7) Acenaphthylene	14.08	152	7623	0.466	ng/ul	98
8) Acenaphthene	14.42	153	430	0.033	ng/ul#	93
9) Fluorene	15.42	166	1006	0.065	ng/ul#	89
12) Phenanthrene	17.14	178	35362	1.325	ng/ul#	92
13) Anthracene	17.22	178	11010	0.474	ng/ul#	91
15) Fluoranthene	19.15	202	173185	5.292	ng/ul	84
17) Pyrene	19.51	202	177589	5.156	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	116957	3.754	ng/ul#	85
19) Chrysene	21.29	228	116966	3.619	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	156795m	5.323	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	48340m	1.545	ng/ul	
23) Benzo(a)pyrene	23.55	252	102889	3.694	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.18	276	67482	2.092	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	19517	0.719	ng/ul	93
26) Benzo(g,h,i)perylene	26.96	276	57477	2.078	ng/ul	97

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

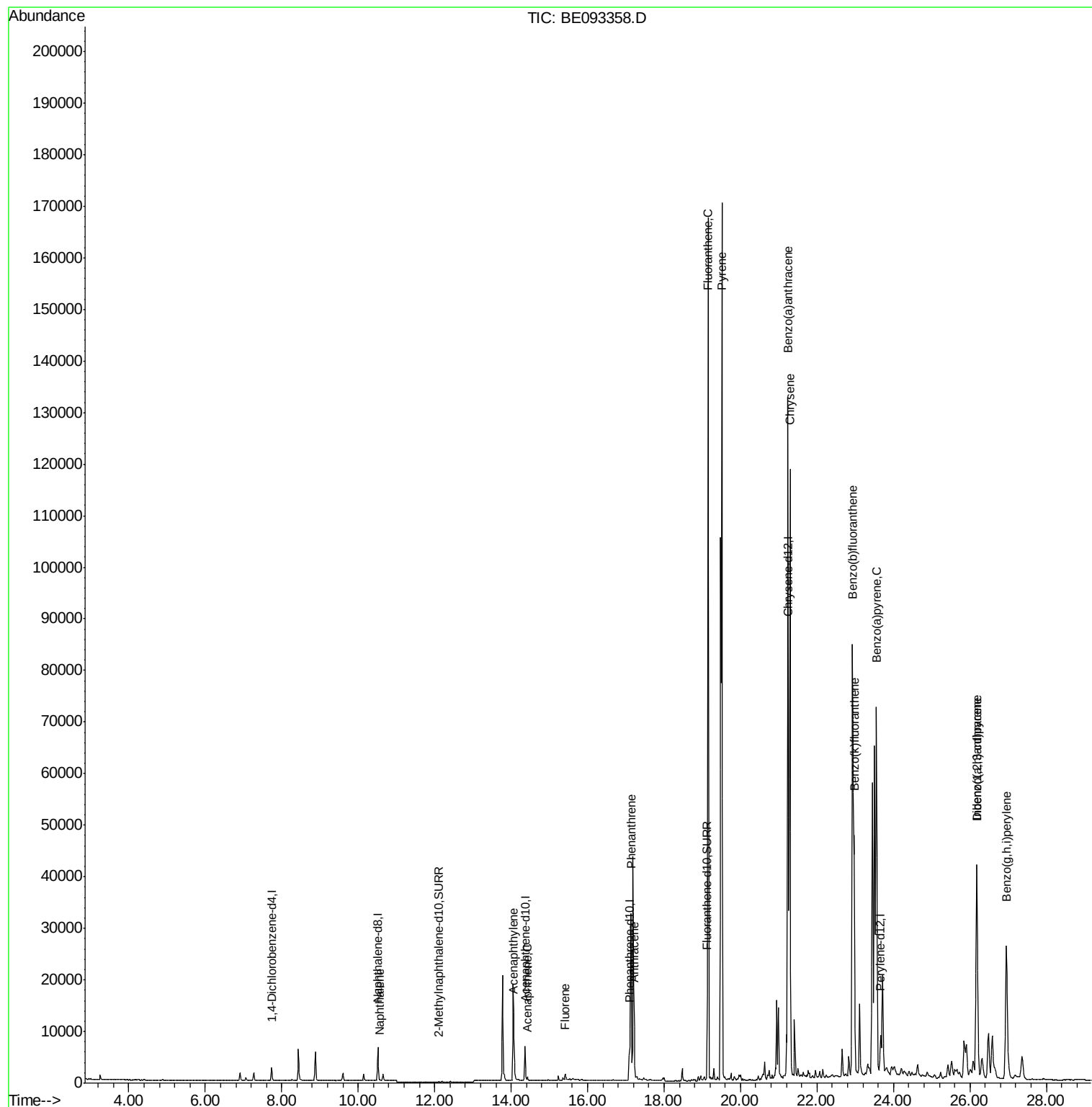
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
Data File : BE093358.D
Acq On : 24 Jun 2017 12:46
Operator : SJ/JU
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ALS Vial : 7 Sample Multiplier: 1

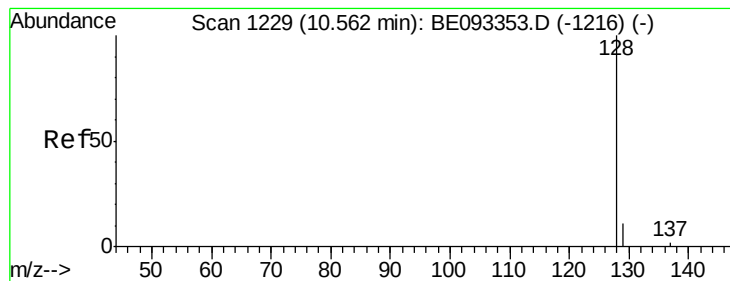
Instrument :
BNA_E
ClientSampleId :
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Quant Time: Jun 26 01:31:16 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.019 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093358.D

Acq: 24 Jun 2017 12:46

Instrument :

BNA_E

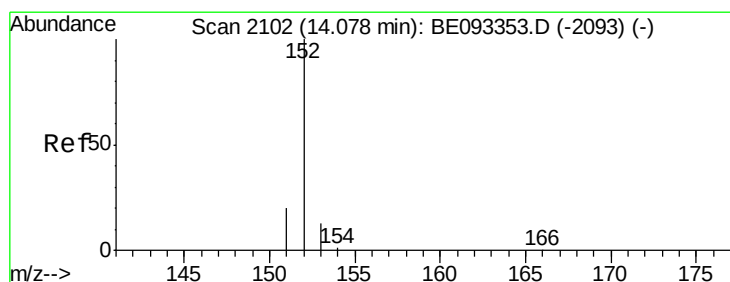
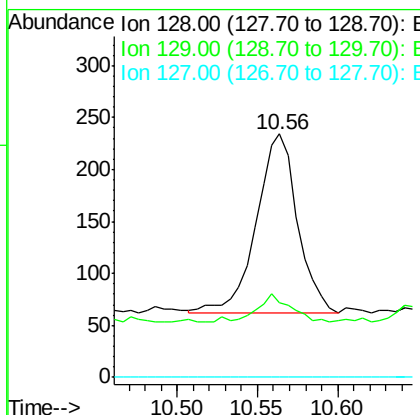
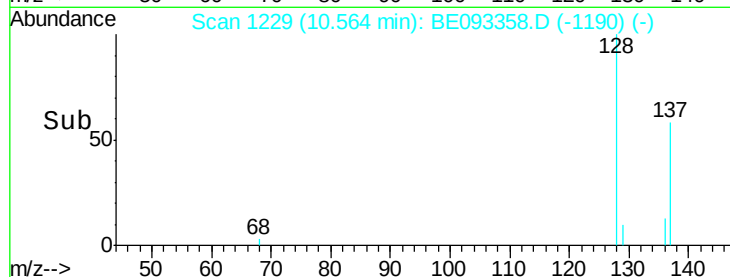
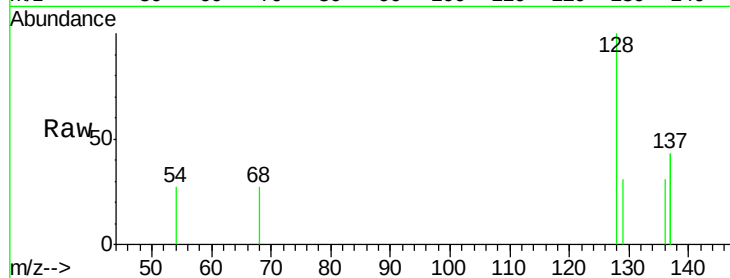
ClientSampleId :

F5D15DL

Tgt Ion:	128	Resp:	310
Ion Ratio	Lower	Upper	
128	100		
129	30.8	11.3	16.9#
127	0.0	4.0	6.0#

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#7

Acenaphthylene

Concen: 0.466 ng/ul

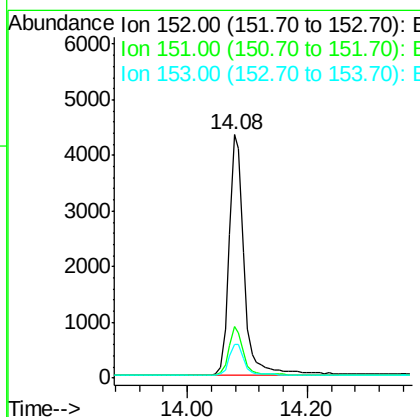
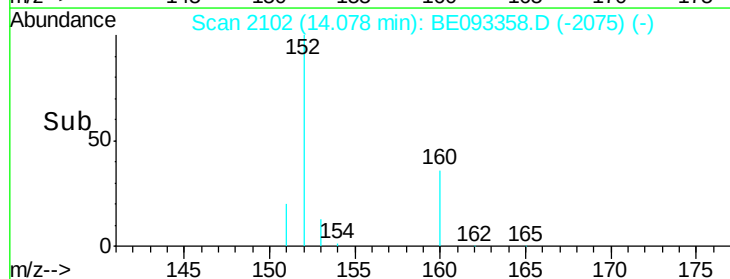
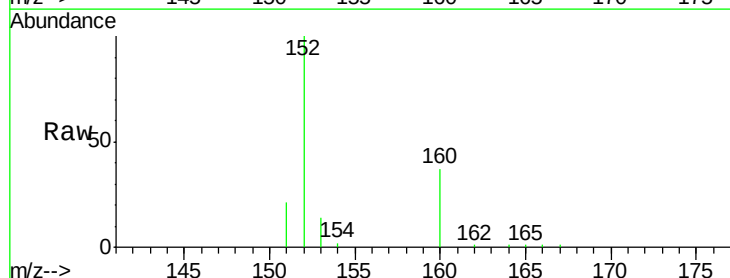
RT: 14.08 min Scan# 2102

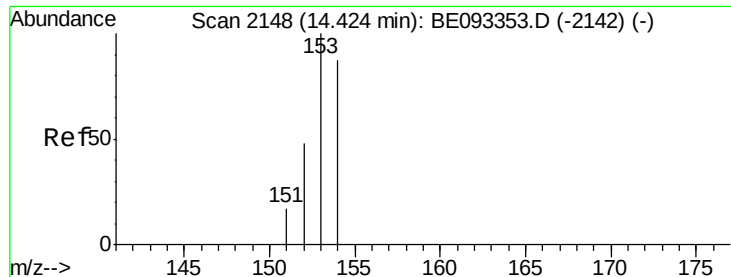
Delta R.T. -0.00 min

Lab File: BE093358.D

Acq: 24 Jun 2017 12:46

Tgt Ion:	152	Resp:	7623
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.1	25.7
153	13.8	12.8	19.2





#8

Acenaphthene

Concen: 0.033 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093358.D

Acq: 24 Jun 2017 12:46

Instrument :

BNA_E

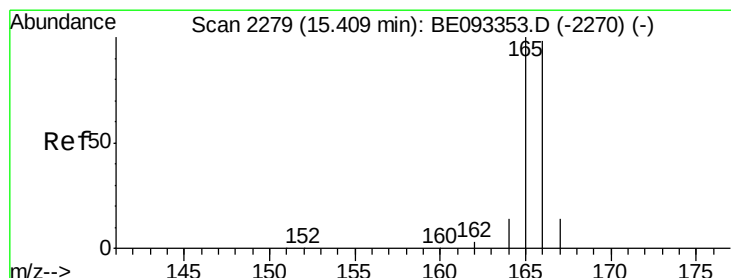
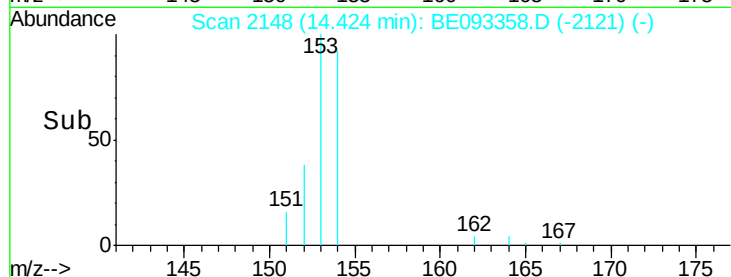
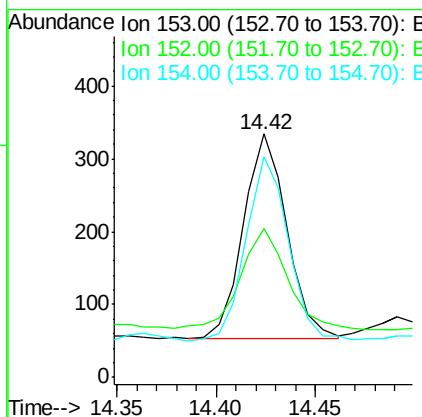
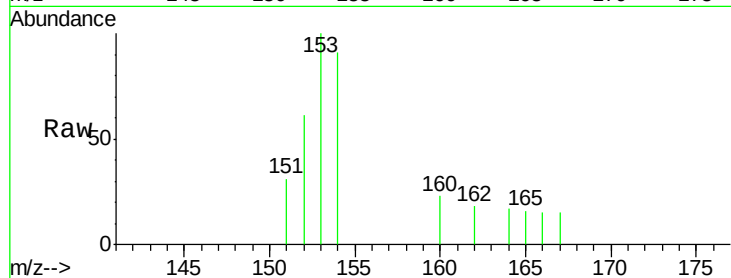
ClientSampleId :

F5D15DL

Tgt Ion:	153	Resp:	430
Ion	Ratio	Lower	Upper
153	100		
152	61.4	40.3	60.5#
154	90.7	71.4	107.2

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#9

Fluorene

Concen: 0.065 ng/ul

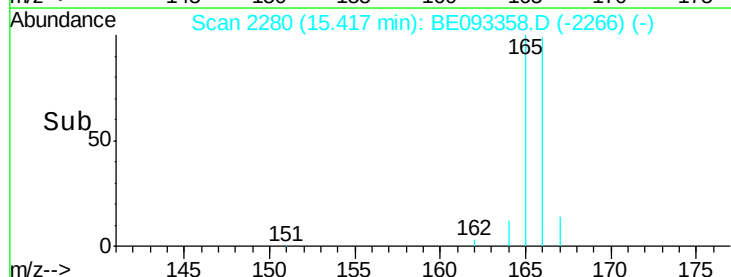
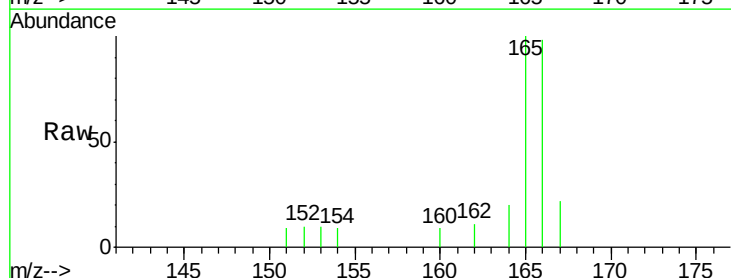
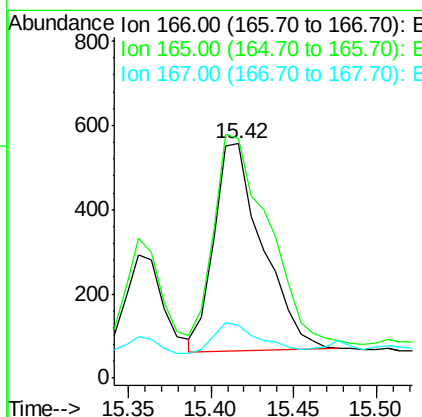
RT: 15.42 min Scan# 2280

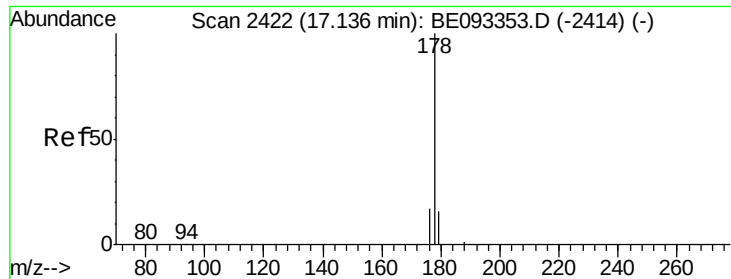
Delta R.T. 0.01 min

Lab File: BE093358.D

Acq: 24 Jun 2017 12:46

Tgt Ion:	166	Resp:	1006
Ion	Ratio	Lower	Upper
166	100		
165	102.3	73.4	110.2
167	22.8	14.6	22.0#





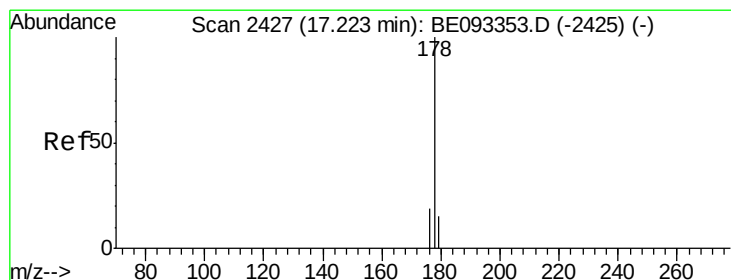
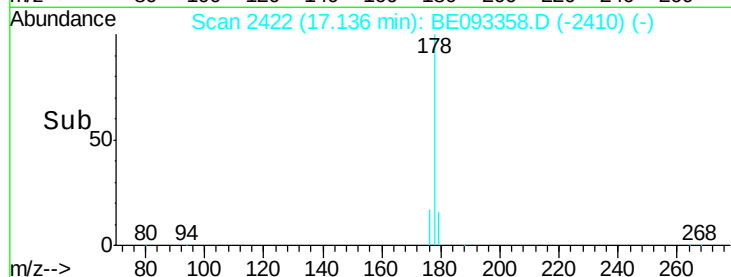
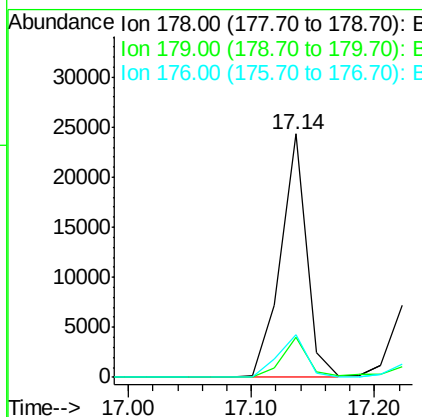
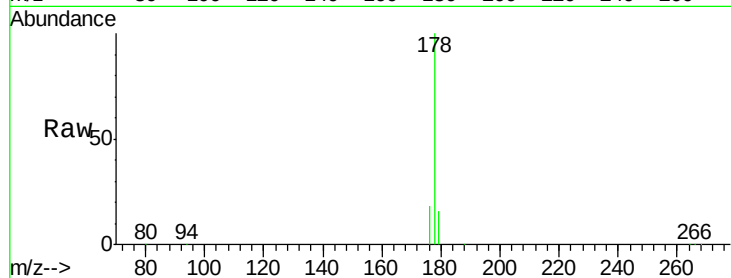
#12
Phenanthrene
Concen: 1.325 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093358.D
Acq: 24 Jun 2017 12:46

Instrument :
BNA_E
ClientSampleId :
F5D15DL

Tgt Ion:178 Resp: 35362
Ion Ratio Lower Upper
178 100
179 16.3 18.4 27.6#
176 17.6 13.6 20.4

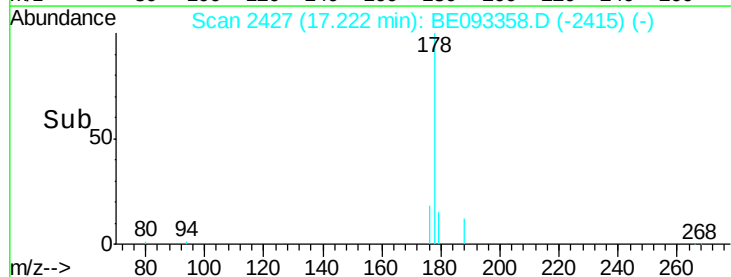
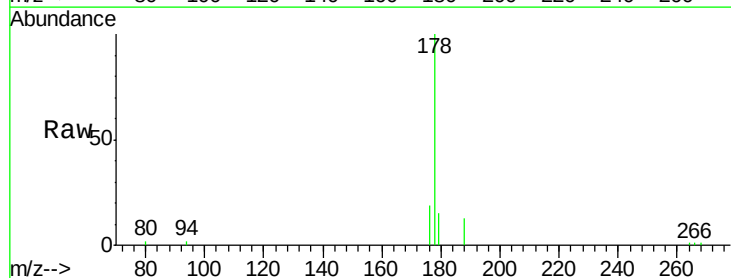
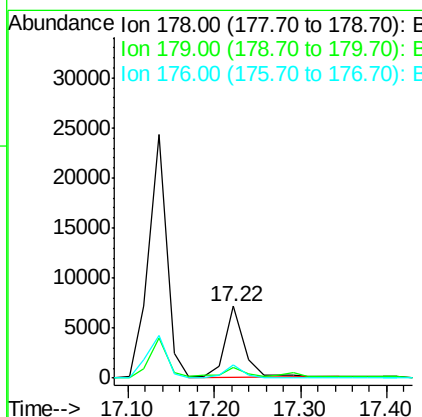
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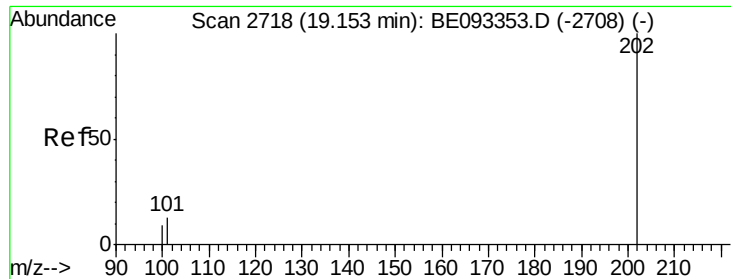
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#13
Anthracene
Concen: 0.474 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BE093358.D
Acq: 24 Jun 2017 12:46

Tgt Ion:178 Resp: 11010
Ion Ratio Lower Upper
178 100
179 15.5 18.1 27.1#
176 18.8 14.7 22.1





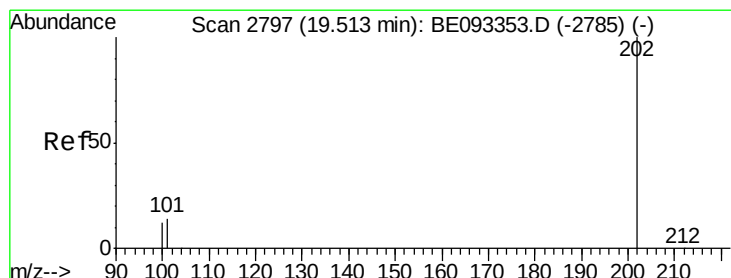
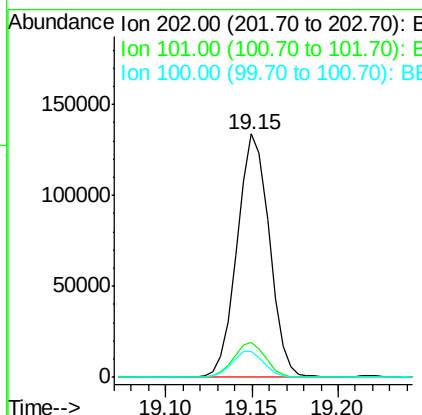
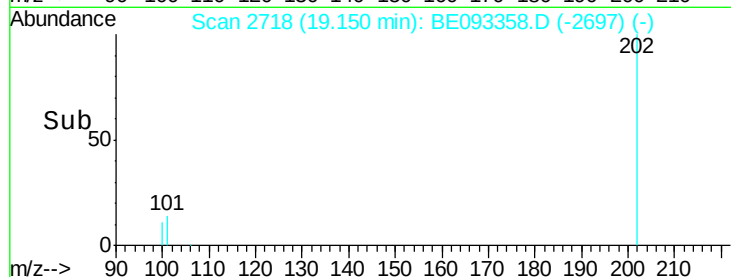
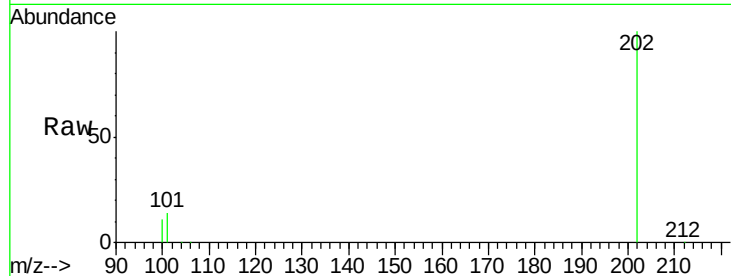
#15
Fluoranthene
Concen: 5.292 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BE093358.D
Acq: 24 Jun 2017 12:46

Instrument :
BNA_E
ClientSampleId :
F5D15DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.4	0.0	30.3
100	10.8	0.0	39.5

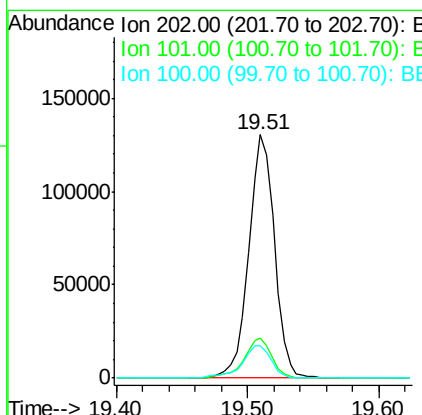
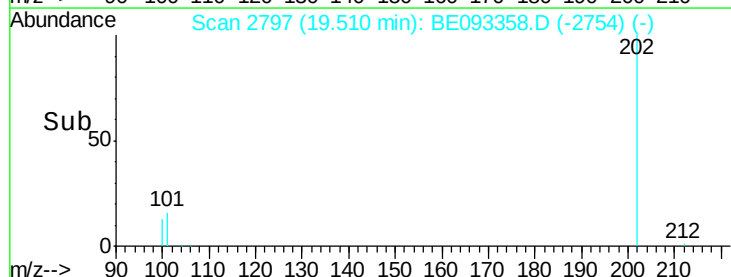
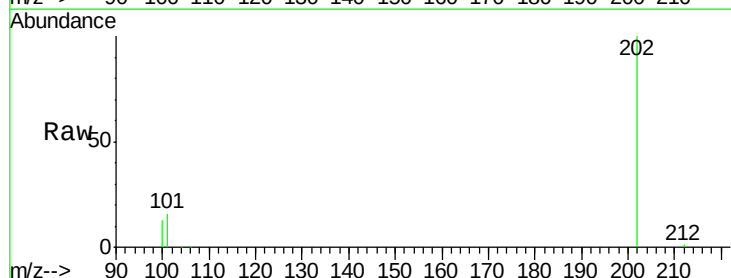
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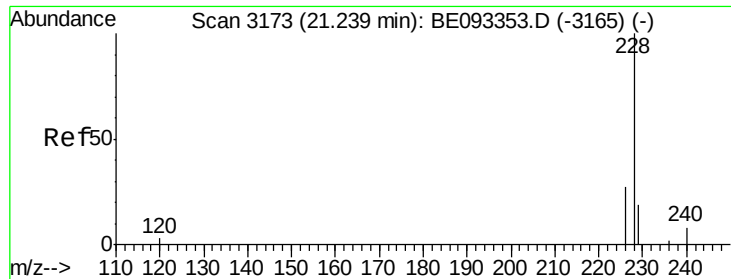
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#17
Pyrene
Concen: 5.156 ng/ul
RT: 19.51 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE093358.D
Acq: 24 Jun 2017 12:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.3	18.2	27.4#
100	13.4	15.6	23.4#





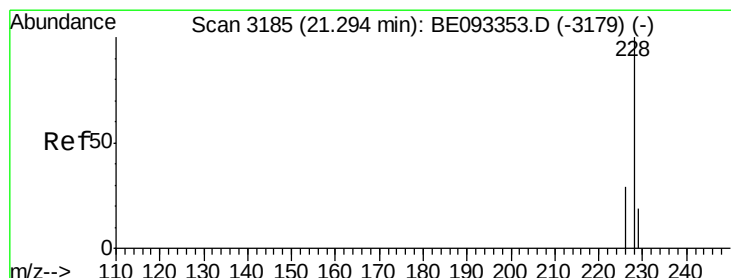
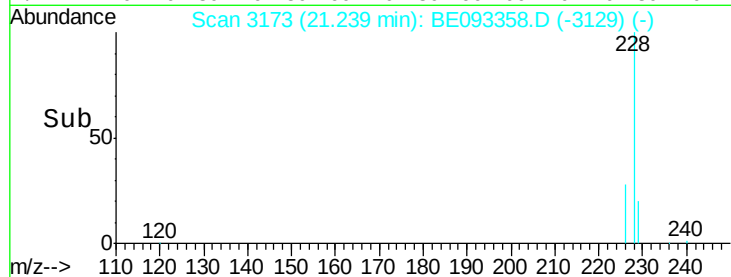
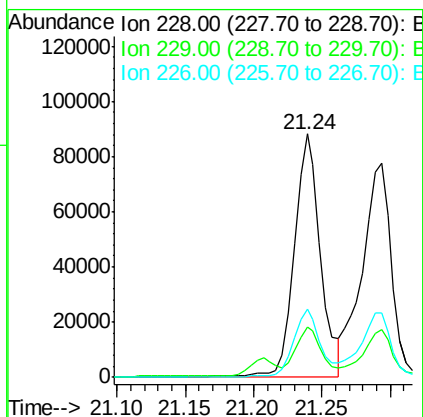
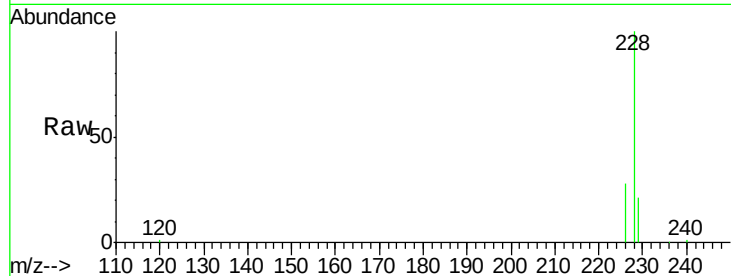
#18
Benzo(a)anthracene
Concen: 3.754 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE093358.D
Acq: 24 Jun 2017 12:46

Instrument :
BNA_E
ClientSampleId :
F5D15DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	22.8	34.2#
226	28.1	17.0	25.6#

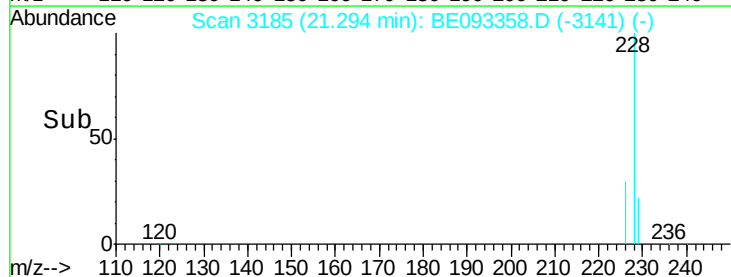
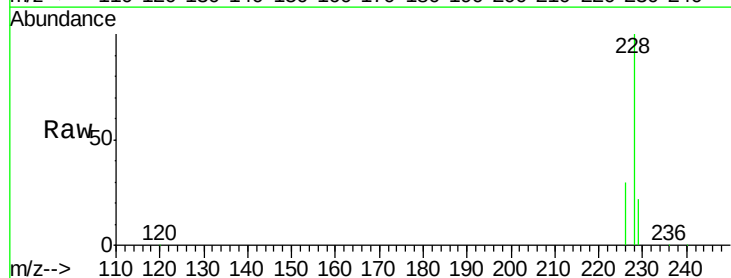
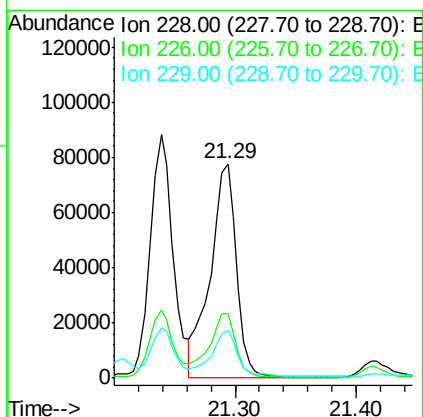
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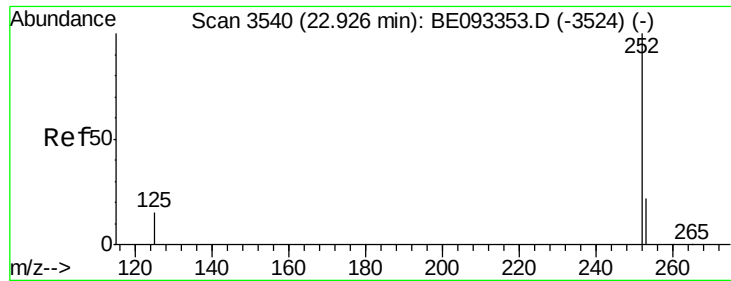
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#19
Chrysene
Concen: 3.619 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093358.D
Acq: 24 Jun 2017 12:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.2	17.7	26.5





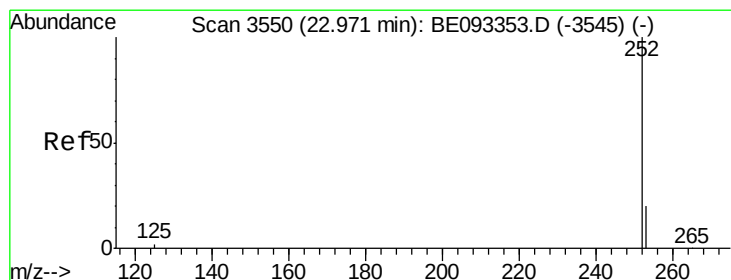
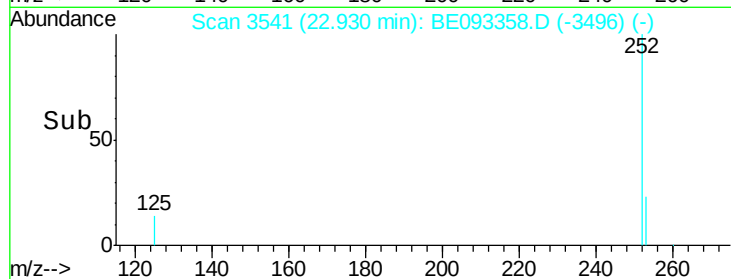
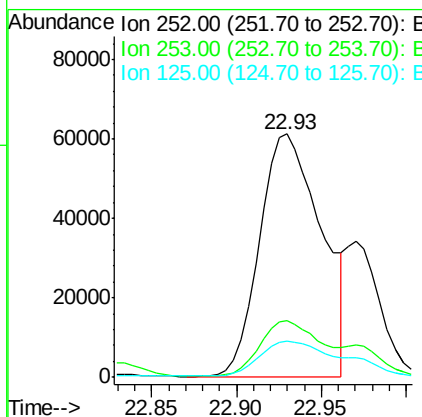
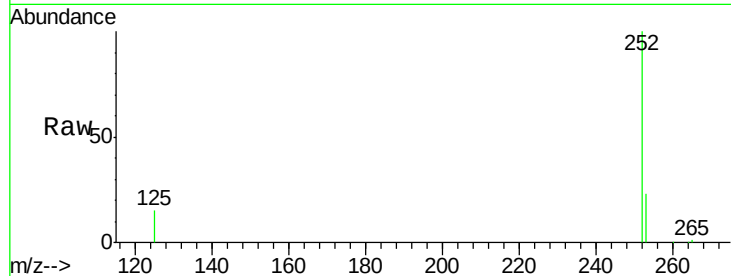
#21
Benzo(b)fluoranthene
Concen: 5.323 ng/ul m
RT: 22.93 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BE093358.D
Acq: 24 Jun 2017 12:46

Instrument :
BNA_E
ClientSampleId :
F5D15DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	0.0	64.2
125	14.8	0.0	35.0

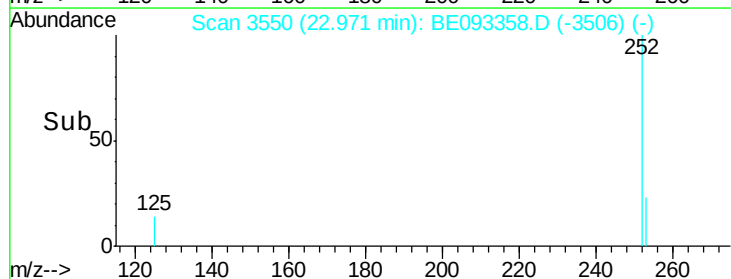
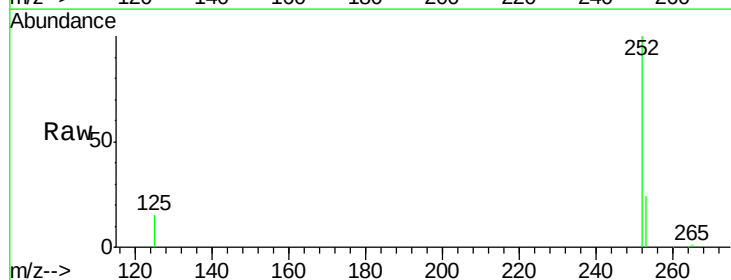
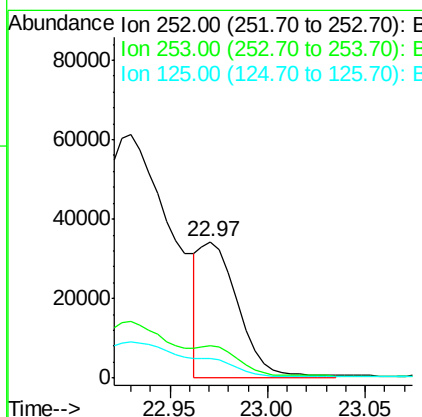
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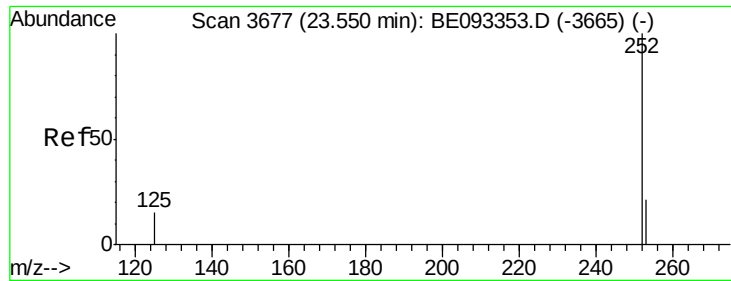
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#22
Benzo(k)fluoranthene
Concen: 1.545 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BE093358.D
Acq: 24 Jun 2017 12:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	24.5	36.7#
125	14.7	13.7	20.5





#23

Benzo(a)pyrene

Concen: 3.694 ng/ul

RT: 23.55 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BE093358.D

Acq: 24 Jun 2017 12:46

Instrument :

BNA_E

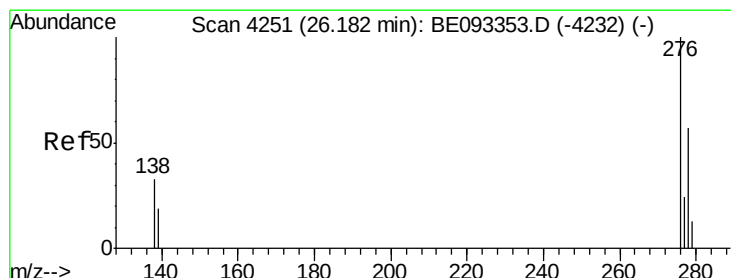
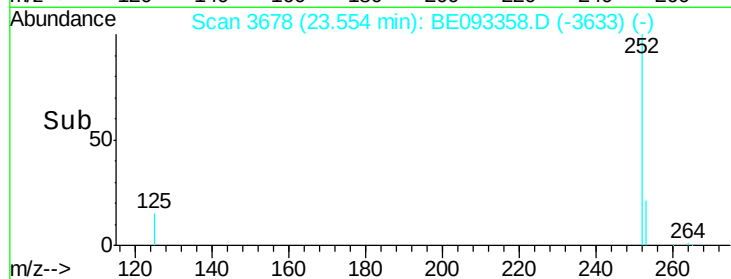
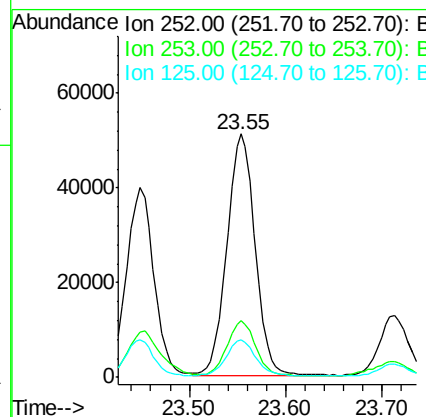
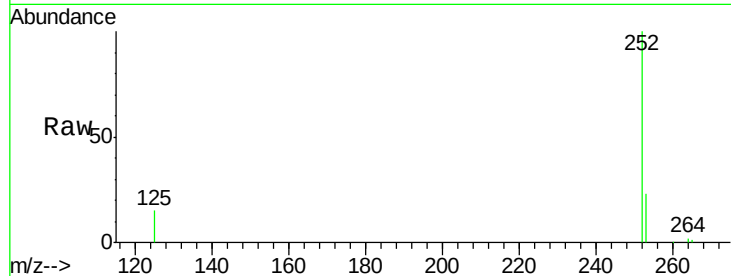
ClientSampleId :

F5D15DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	102889		
253	23.1	28.5	42.7#	
125	15.3	18.1	27.1#	

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#24

Indeno(1,2,3-cd)pyrene

Concen: 2.092 ng/ul

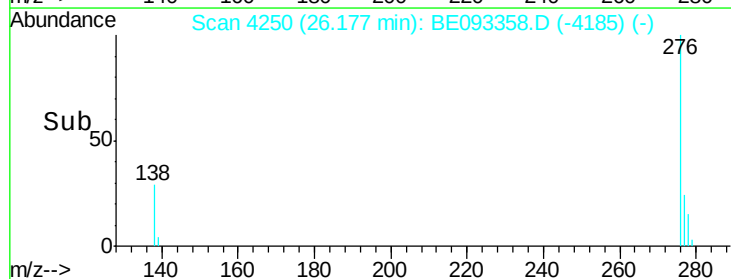
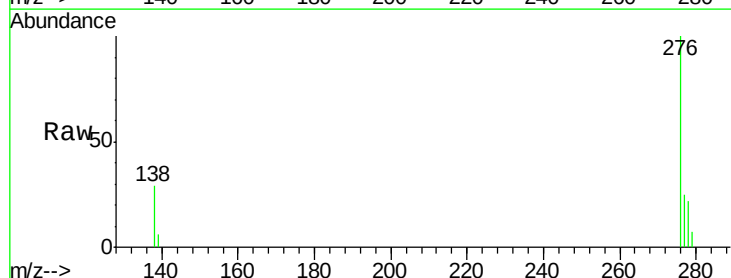
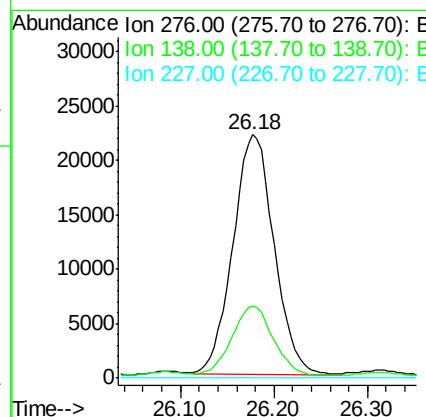
RT: 26.18 min Scan# 4250

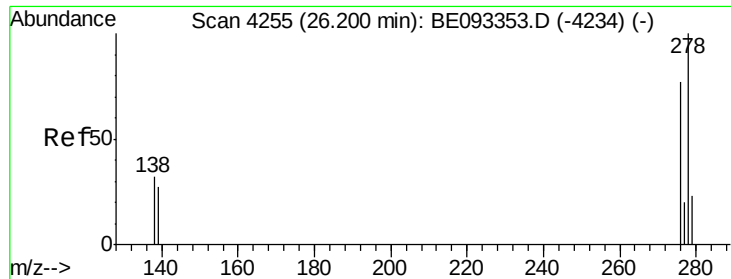
Delta R.T. -0.01 min

Lab File: BE093358.D

Acq: 24 Jun 2017 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	67482		
138	29.6	28.0	42.0	
227	0.0	8.0	12.0#	





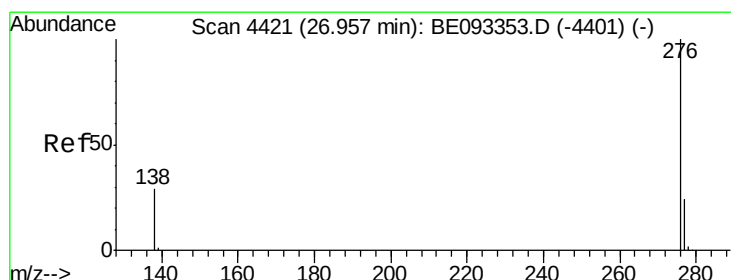
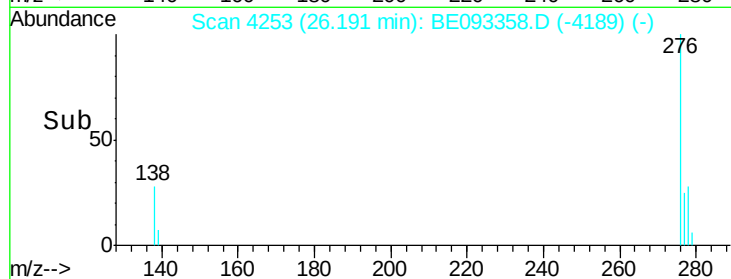
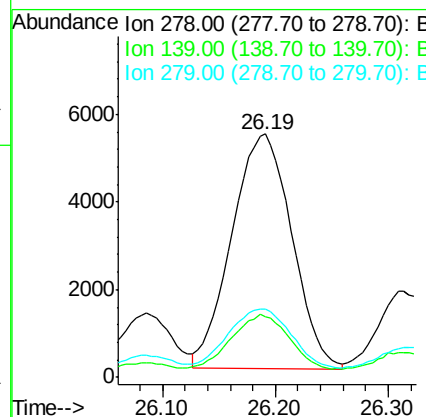
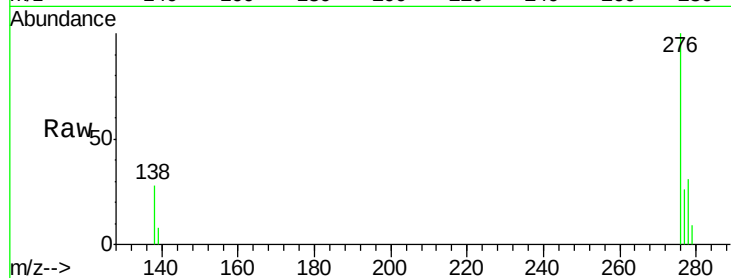
#25
Dibenzo(a,h)anthracene
Concen: 0.719 ng/ul
RT: 26.19 min Scan# 4253
Delta R.T. -0.01 min
Lab File: BE093358.D
Acq: 24 Jun 2017 12:46

Instrument :
BNA_E
ClientSampleId :
F5D15DL

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	19517		
139	24.9	17.4	26.0	
279	28.1	25.9	38.9	

Manual Integrations
APPROVED

mohammad
6/29/2017 8:34:05 AM



#26
Benzo(g,h,i)perylene
Concen: 2.078 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BE093358.D
Acq: 24 Jun 2017 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	57477		
138	29.1	21.8	32.8	
277	24.3	20.5	30.7	

