

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
 Data File : BE093184.D
 Acq On : 15 Jun 2017 00:05
 Operator : SJ/MA
 Sample : I3521-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C54

Manual Integrations
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mohammad
 6/15/2017 3:53:40 PM

Quant Time: Jun 15 04:31:27 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 15 03:59:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3991	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20842	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	13049	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	29605	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	29462	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	23687m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7436	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	19853	0.25	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	12815	0.248	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	3142	0.089	ng/ul	98
7) Acenaphthylene	14.09	152	40527	0.724	ng/ul	96
8) Acenaphthene	14.43	153	2244	0.050	ng/ul	96
9) Fluorene	15.42	166	1806	0.034	ng/ul#	82
12) Phenanthrene	17.14	178	390469	4.794	ng/ul#	86
13) Anthracene	17.22	178	73675	1.039	ng/ul#	87
15) Fluoranthene	19.16	202	697730	6.985	ng/ul	83
17) Pyrene	19.52	202	504758	5.810	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	132538	1.687	ng/ul#	85
19) Chrysene	21.29	228	284462	3.489	ng/ul	97
21) Benzo(b)fluoranthene	22.94	252	314726	4.378	ng/ul	89
22) Benzo(k)fluoranthene	22.98	252	118821m	1.556	ng/ul	
23) Benzo(a)pyrene	23.56	252	103864m	1.528	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	104977m	1.334	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	23754m	0.358	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	84258	1.248	ng/ul	95

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

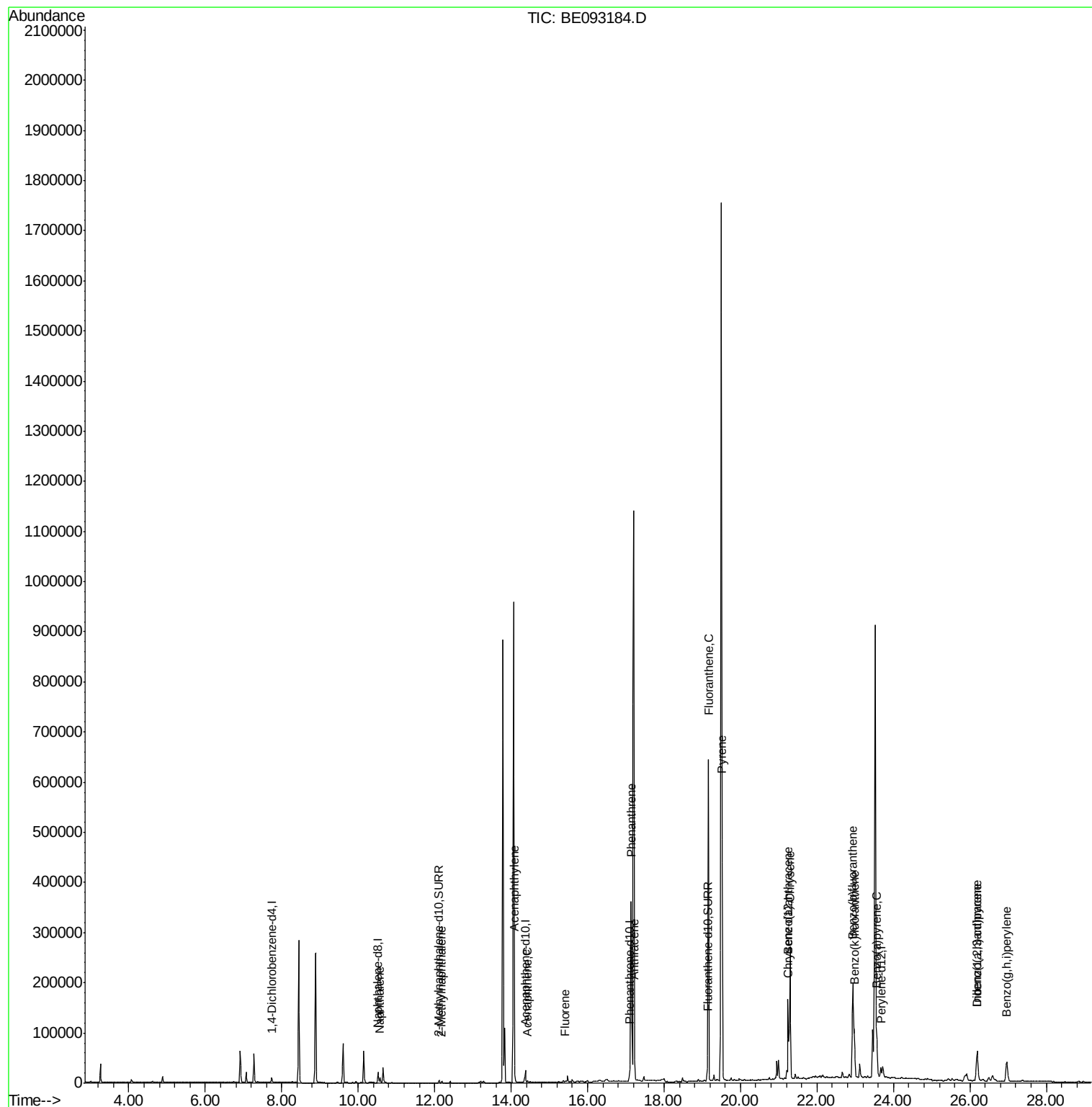
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Data File : BE093184.D
Acq On : 15 Jun 2017 00:05
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ALS Vial : 21 Sample Multiplier: 1

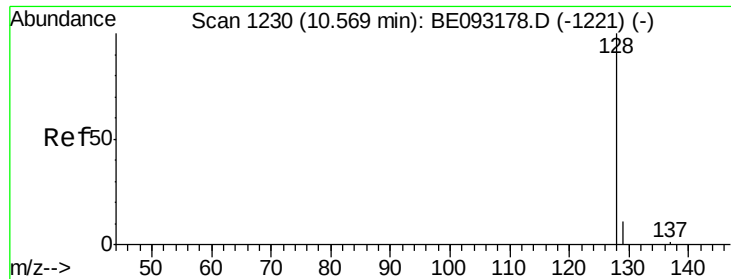
Instrument :
BNA_E
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F5C54

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#3

Naphthalene

Concen: 0.248 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE093184.D

Acq: 15 Jun 2017 00:05

Instrument :

BNA_E

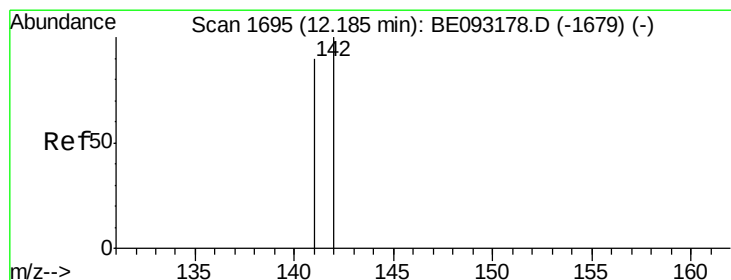
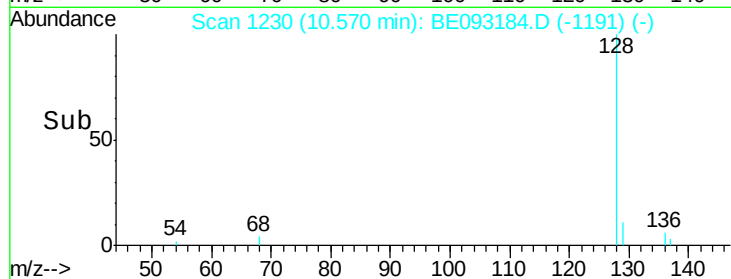
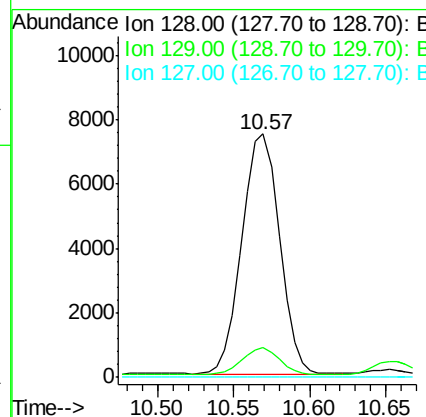
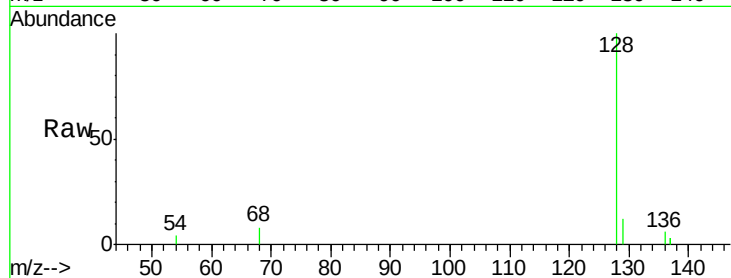
ClientSampleId :

F5C54

Tgt Ion:	128	Resp:	12815
Ion Ratio	Lower	Upper	
128	100		
129	12.3	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.089 ng/ul

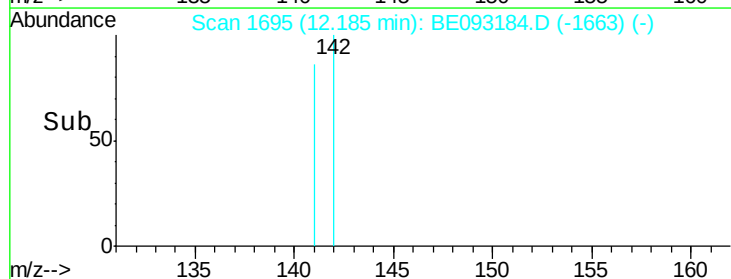
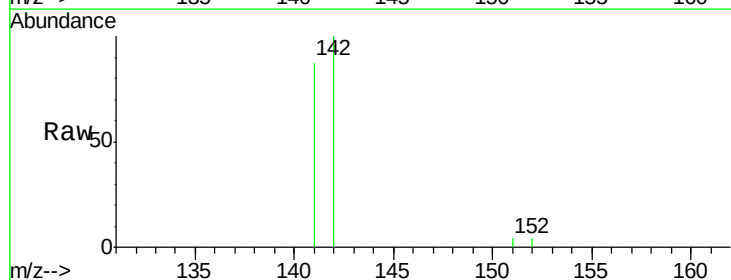
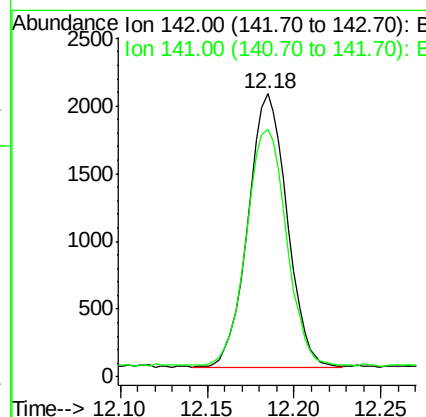
RT: 12.18 min Scan# 1695

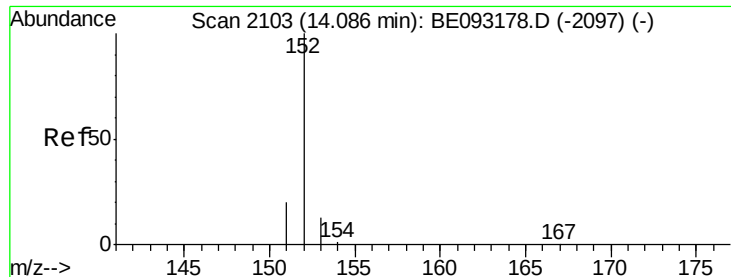
Delta R.T. -0.00 min

Lab File: BE093184.D

Acq: 15 Jun 2017 00:05

Tgt Ion:	142	Resp:	3142
Ion Ratio	Lower	Upper	
142	100		
141	89.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.724 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093184.D

Acq: 15 Jun 2017 00:05

Instrument :

BNA_E

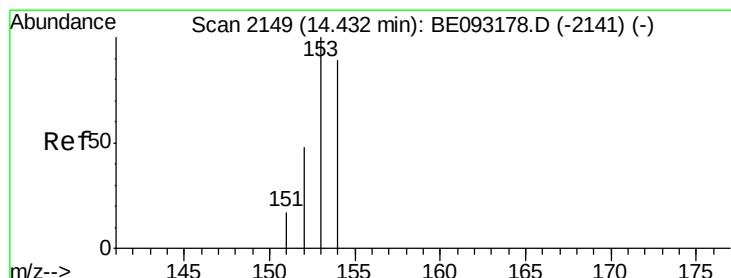
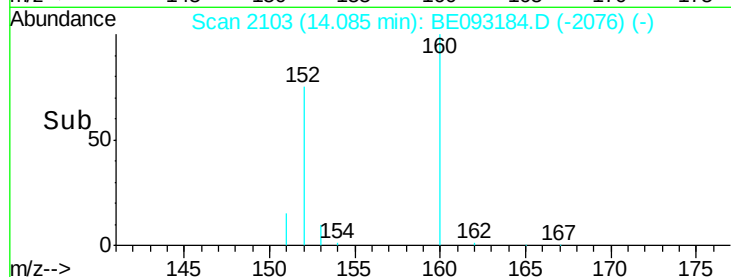
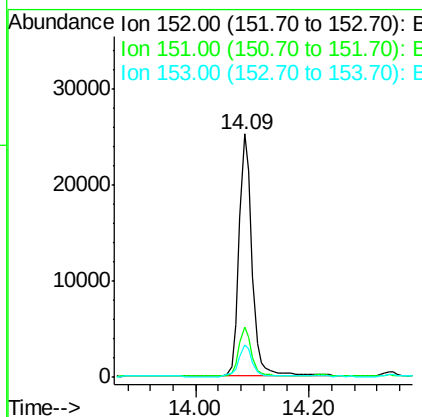
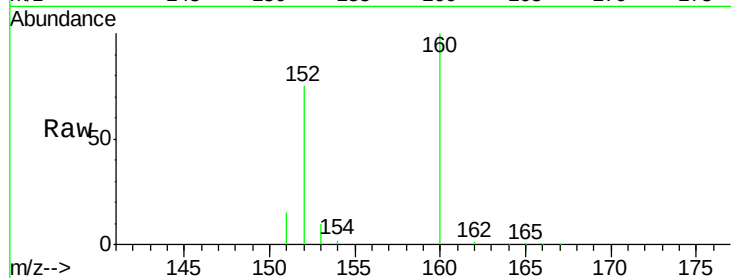
ClientSampleId :

F5C54

Tgt Ion:	152	Resp:	40527
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	13.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.050 ng/ul

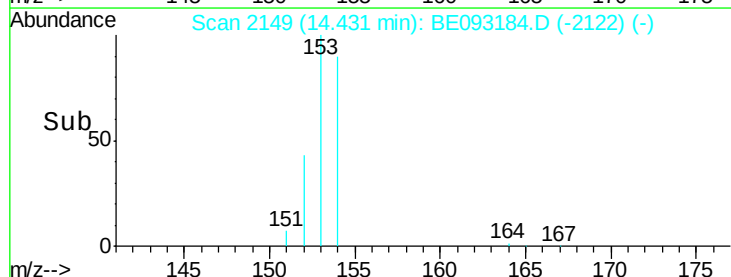
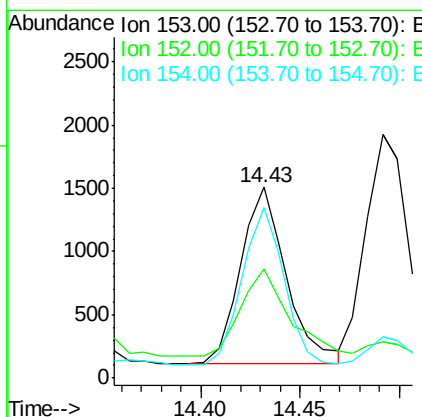
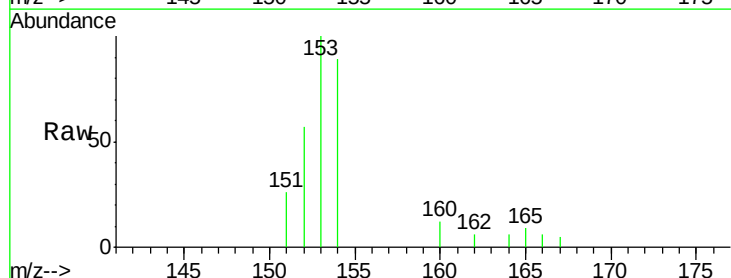
RT: 14.43 min Scan# 2149

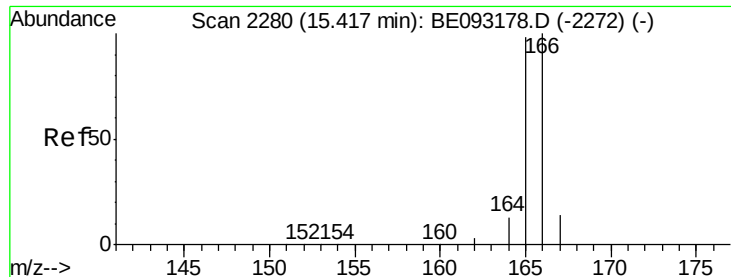
Delta R.T. -0.00 min

Lab File: BE093184.D

Acq: 15 Jun 2017 00:05

Tgt Ion:	153	Resp:	2244
Ion Ratio	Lower	Upper	
153	100		
152	57.1	40.3	60.5
154	89.4	71.4	107.2





#9

Fluorene

Concen: 0.034 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093184.D

Acq: 15 Jun 2017 00:05

Instrument :

BNA_E

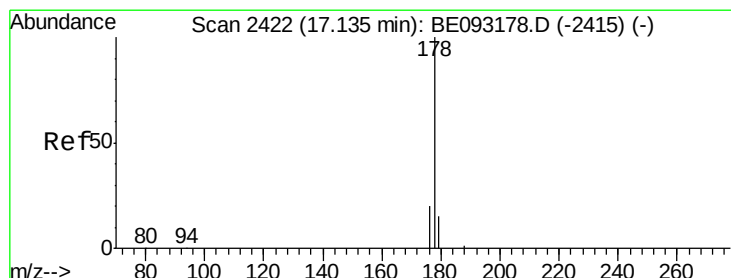
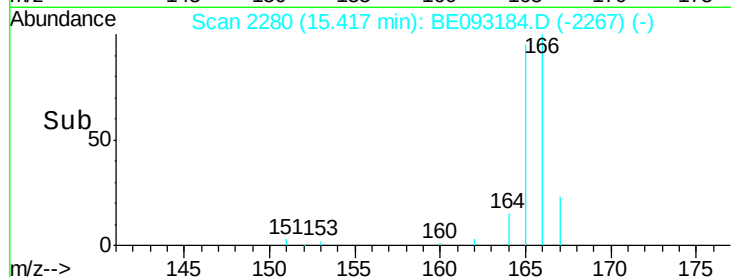
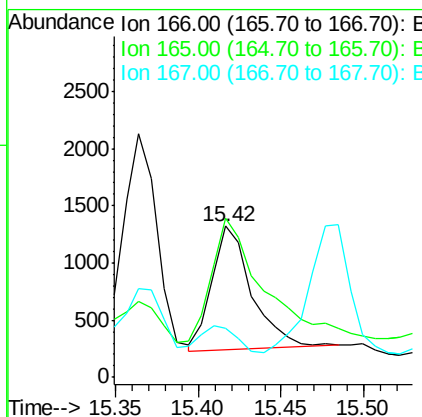
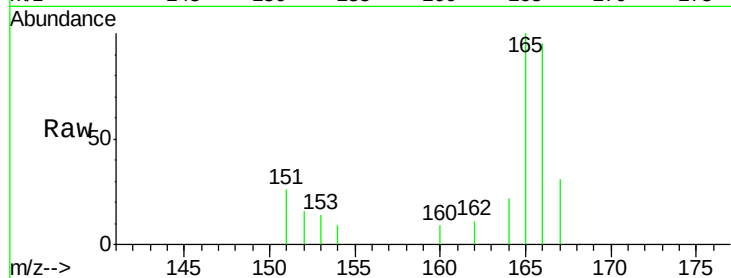
ClientSampleId :

F5C54

Tgt Ion:	166	Resp:	1806
Ion Ratio	Lower	Upper	
166	100		
165	105.8	73.4	110.2
167	32.9	14.6	22.0#

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#12

Phenanthrene

Concen: 4.794 ng/ul

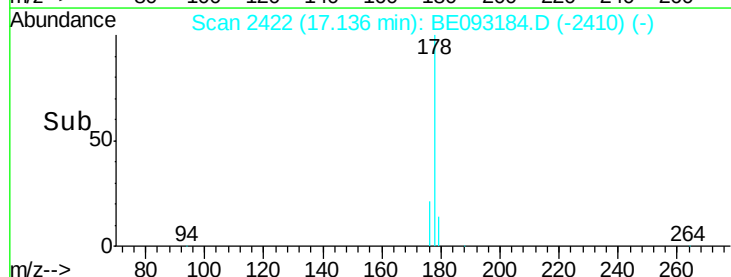
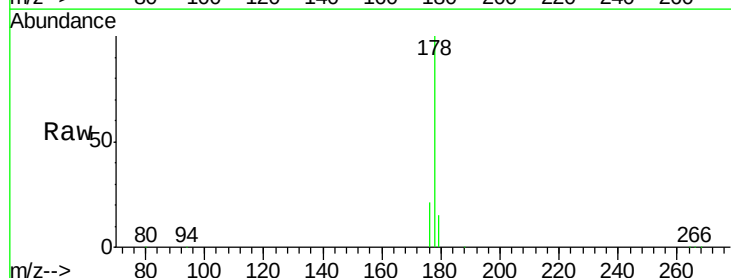
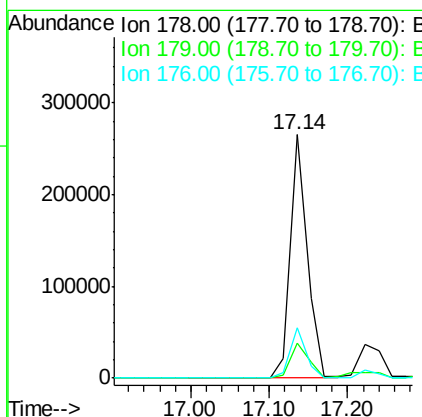
RT: 17.14 min Scan# 2422

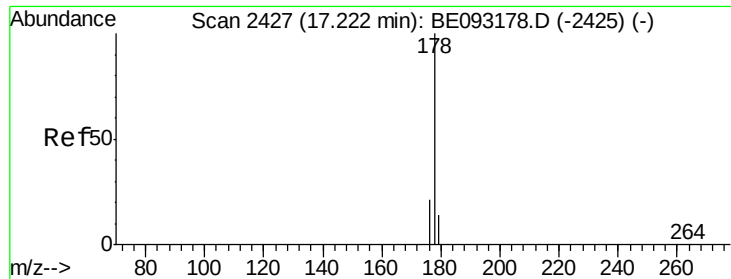
Delta R.T. 0.00 min

Lab File: BE093184.D

Acq: 15 Jun 2017 00:05

Tgt Ion:	178	Resp:	390469
Ion Ratio	Lower	Upper	
178	100		
179	14.6	18.4	27.6#
176	20.9	13.6	20.4#





#13

Anthracene

Concen: 1.039 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093184.D

Acq: 15 Jun 2017 00:05

Instrument :

BNA_E

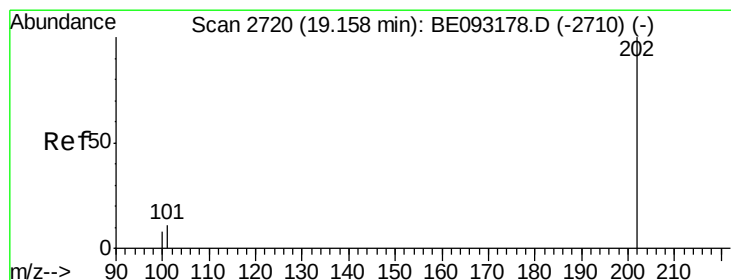
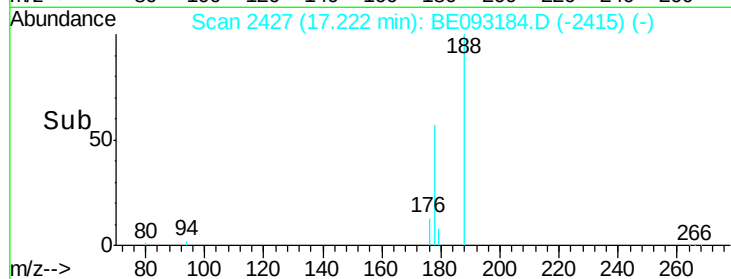
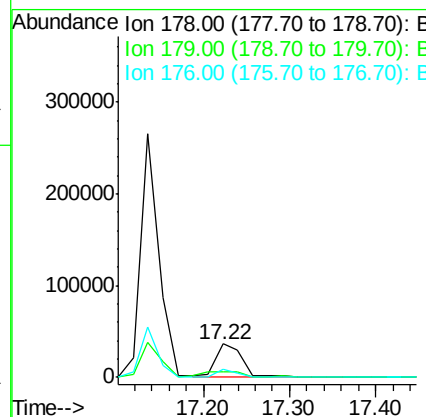
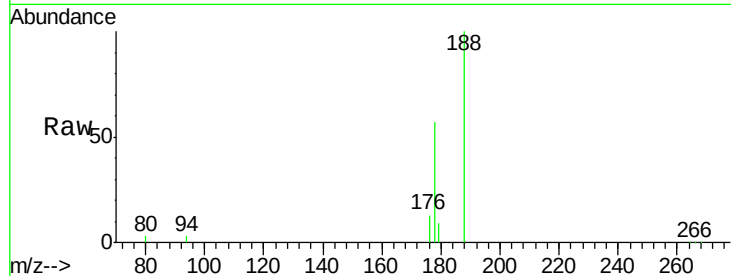
ClientSampleId :

F5C54

Tgt Ion:	178	Resp:	73675
Ion Ratio	Lower	Upper	
178	100		
179	14.9	18.1	27.1#
176	23.1	14.7	22.1#

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#15

Fluoranthene

Concen: 6.985 ng/ul

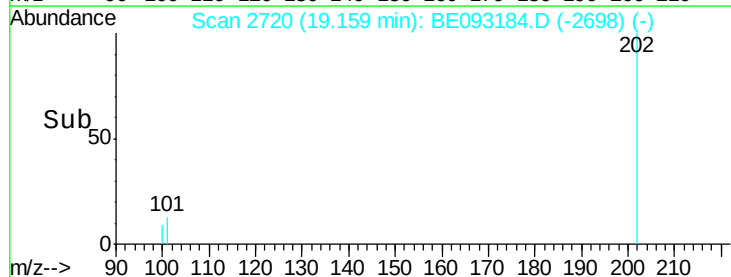
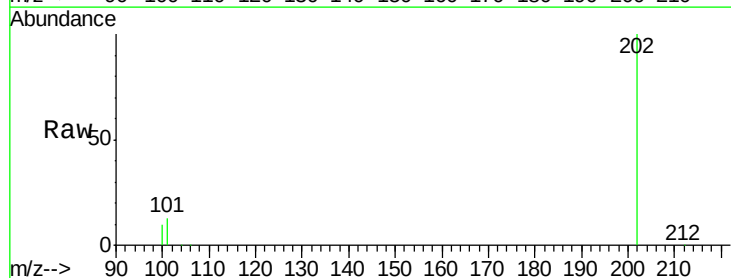
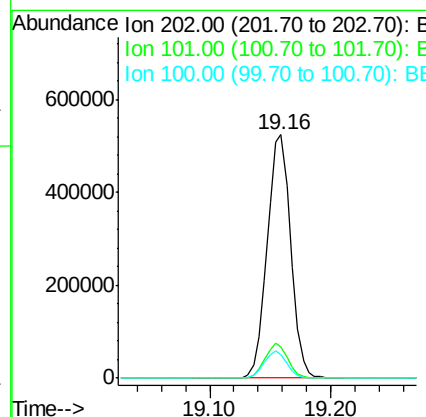
RT: 19.16 min Scan# 2720

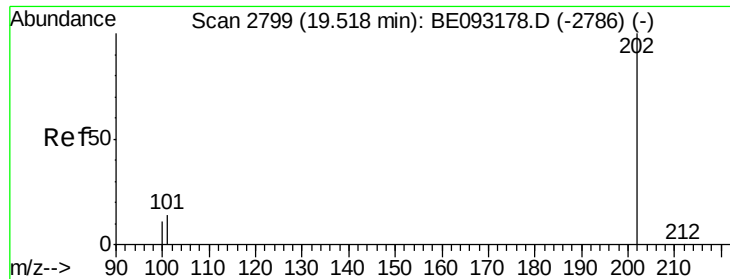
Delta R.T. 0.00 min

Lab File: BE093184.D

Acq: 15 Jun 2017 00:05

Tgt Ion:	202	Resp:	697730
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	30.3
100	9.6	0.0	39.5





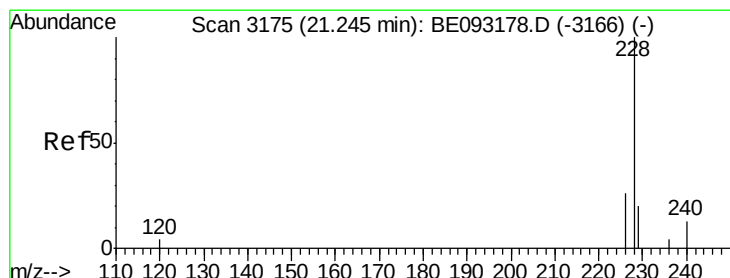
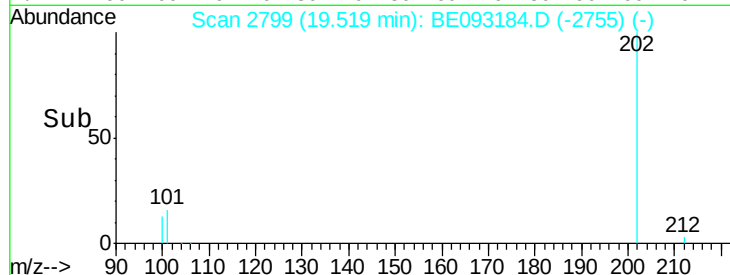
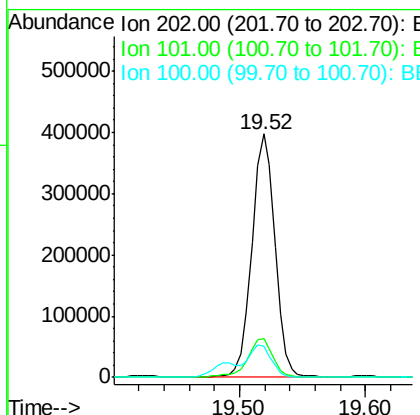
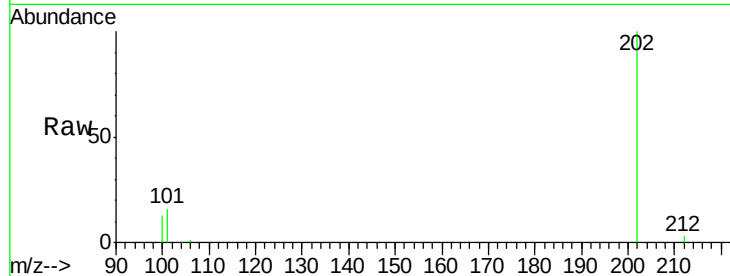
#17
Pyrene
 Concen: 5.810 ng/ul
 RT: 19.52 min Scan# 2799
 Delta R.T. 0.00 min
 Lab File: BE093184.D
 Acq: 15 Jun 2017 00:05

Instrument :
 BNA_E
 ClientSampled :
 F5C54

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	15.8	18.2	27.4#
100	12.8	15.6	23.4#

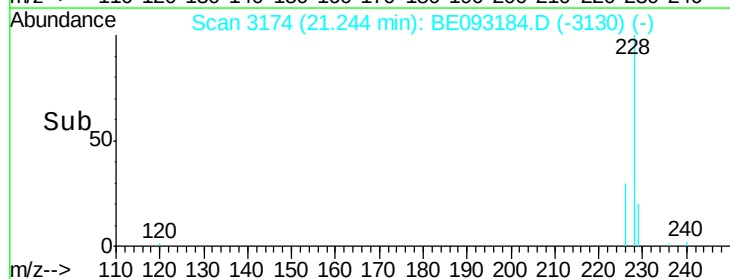
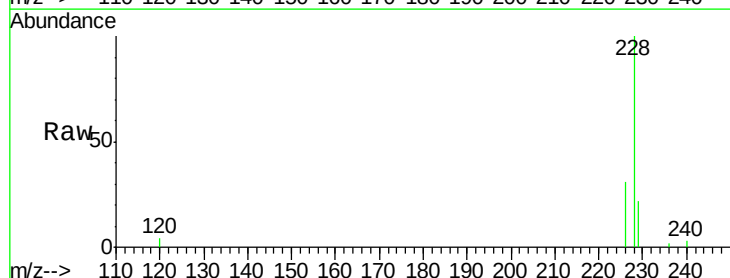
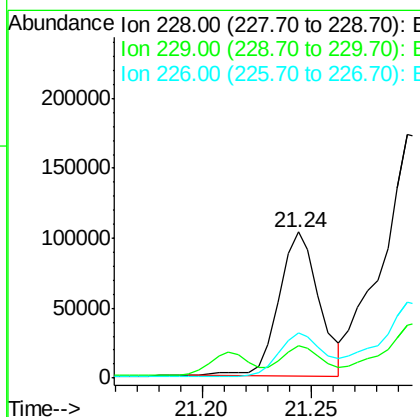
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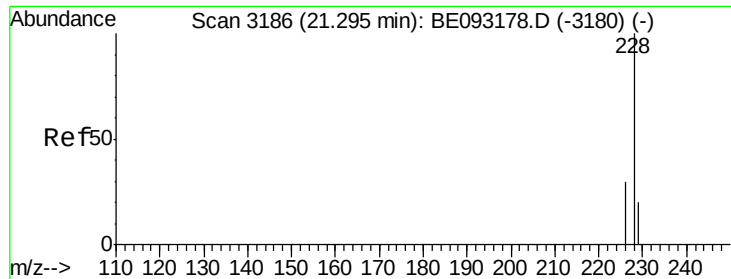
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#18
Benzo(a)anthracene
 Concen: 1.687 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BE093184.D
 Acq: 15 Jun 2017 00:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.4	22.8	34.2#
226	30.6	17.0	25.6#





#19

Chrysene

Concen: 3.489 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093184.D

Acq: 15 Jun 2017 00:05

Instrument :

BNA_E

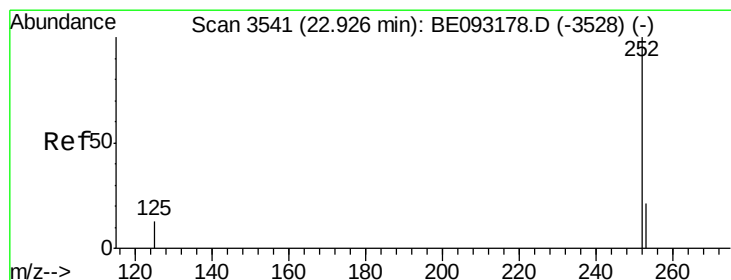
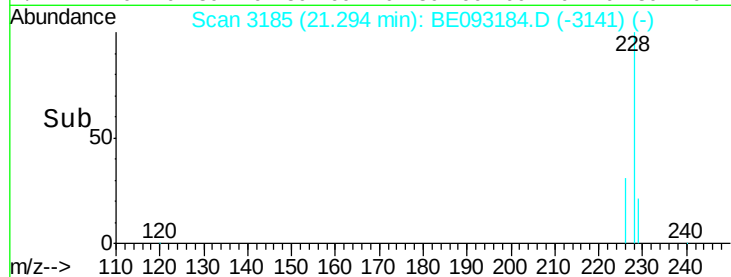
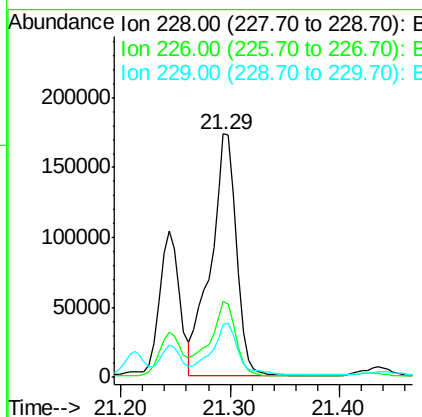
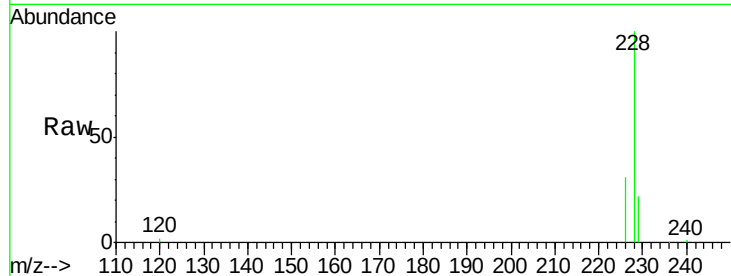
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Tgt Ion:	228	Resp:	284462
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.4	35.0
229	21.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.378 ng/ul

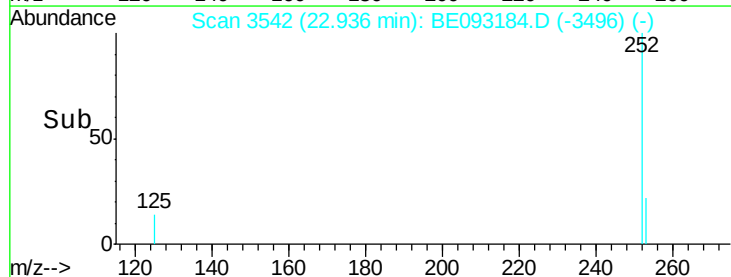
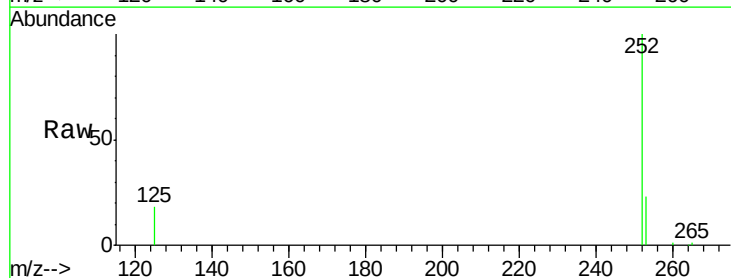
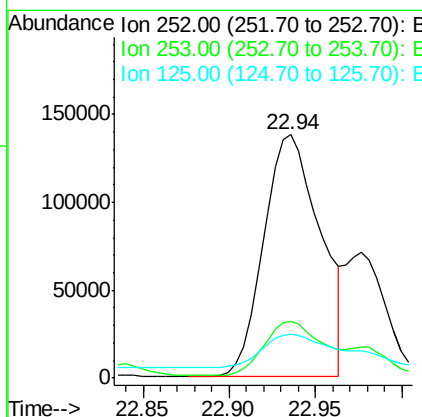
RT: 22.94 min Scan# 3542

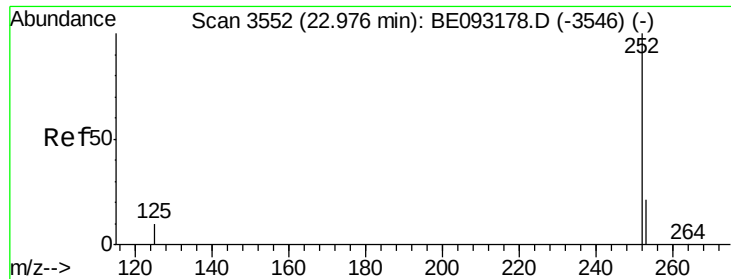
Delta R.T. 0.01 min

Lab File: BE093184.D

Acq: 15 Jun 2017 00:05

Tgt Ion:	252	Resp:	314726
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	18.1	0.0	35.0





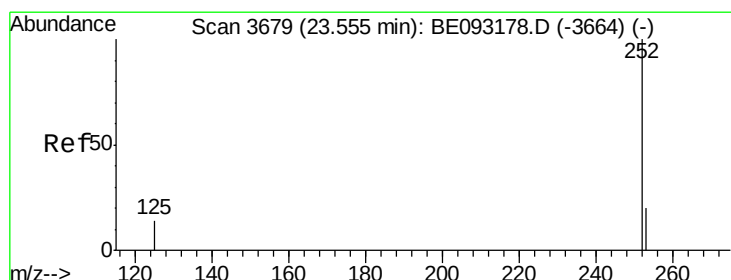
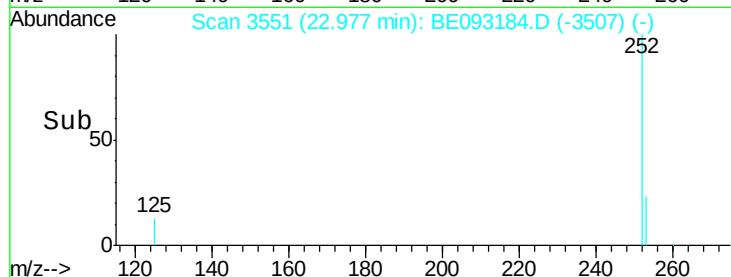
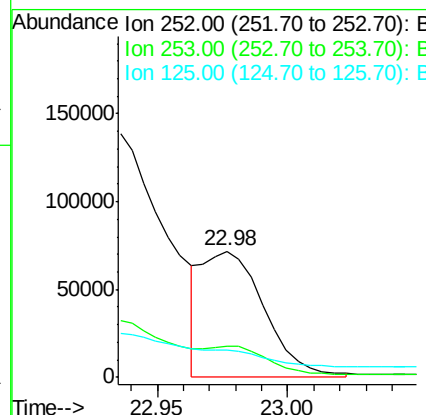
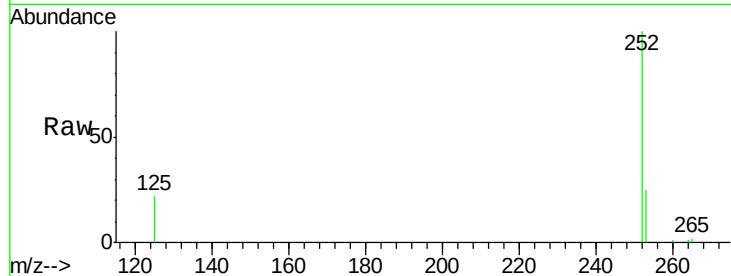
#22
Benzo(k)fluoranthene
Concen: 1.556 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BE093184.D
Acq: 15 Jun 2017 00:05

Instrument :
BNA_E
ClientSampleId :
F5C54

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.9	24.5	36.7
125	21.9	13.7	20.5#

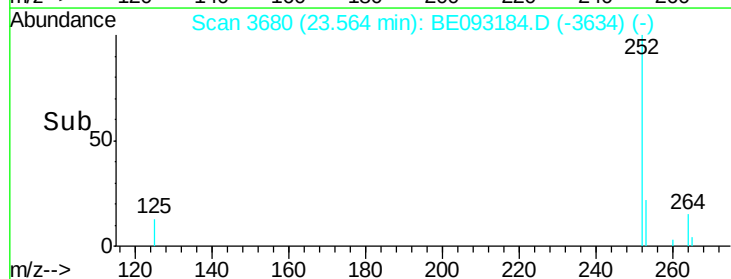
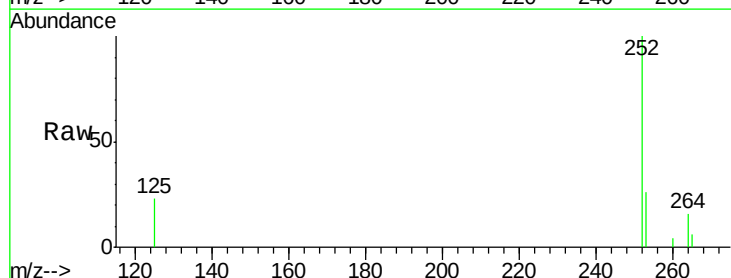
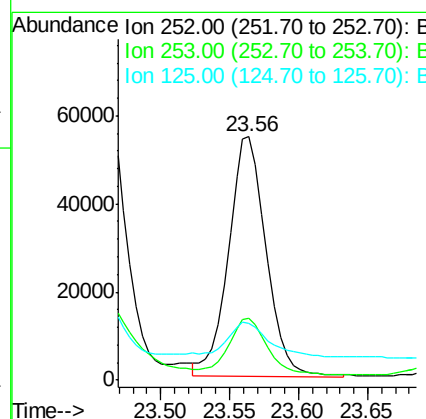
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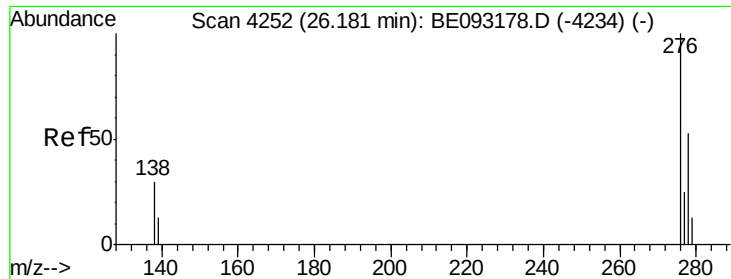
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#23
Benzo(a)pyrene
Concen: 1.528 ng/ul m
RT: 23.56 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BE093184.D
Acq: 15 Jun 2017 00:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.5	28.5	42.7#
125	23.4	18.1	27.1





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.334 ng/ul m

RT: 26.19 min Scan# 4252

Delta R.T. 0.01 min

Lab File: BE093184.D

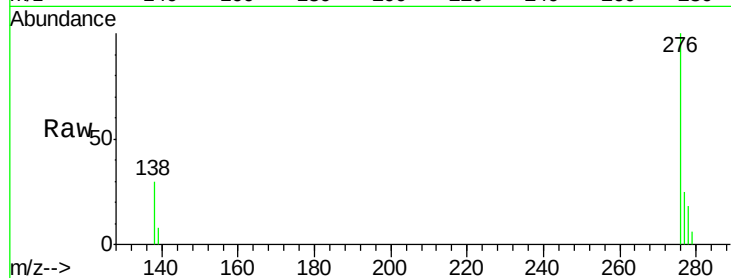
Acq: 15 Jun 2017 00:05

Instrument :

BNA_E

ClientSampleId :

F5C54



Tgt Ion: 276 Resp: 104977

Ion Ratio Lower Upper

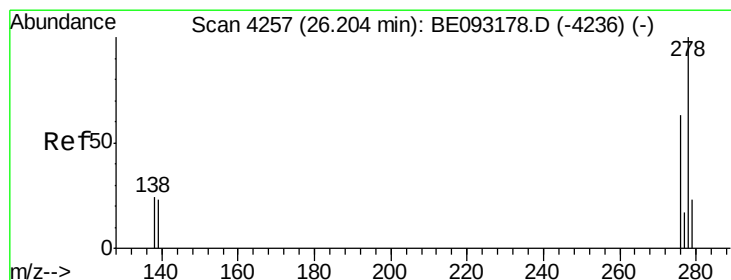
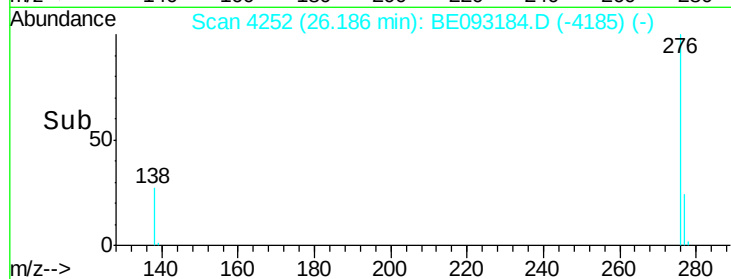
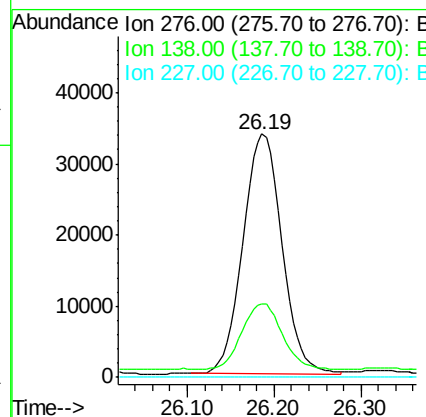
276 100

138 3.6 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:40 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.358 ng/ul m

RT: 26.20 min Scan# 4255

Delta R.T. -0.00 min

Lab File: BE093184.D

Acq: 15 Jun 2017 00:05

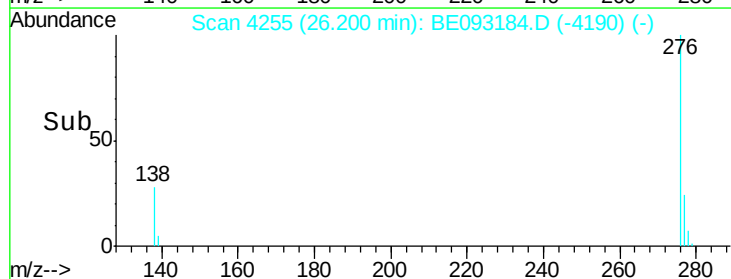
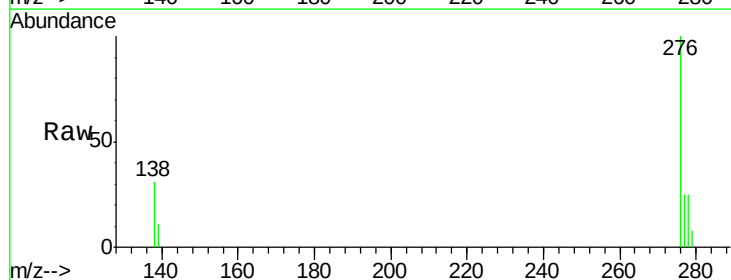
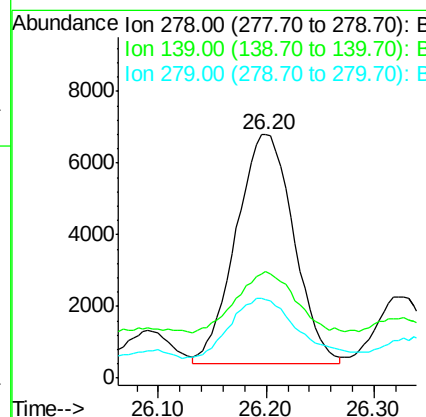
Tgt Ion: 278 Resp: 23754

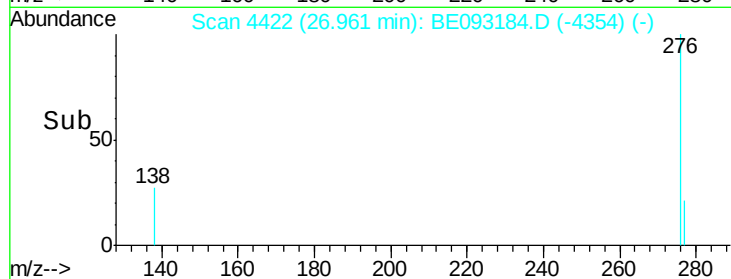
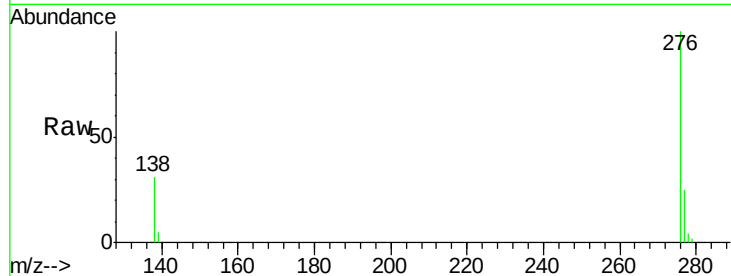
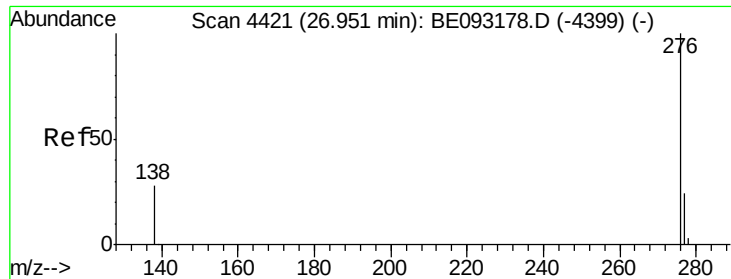
Ion Ratio Lower Upper

278 100

139 43.7 17.4 26.0#

279 32.2 25.9 38.9





#26

Benzo(g,h,i)perylene

Concen: 1.248 ng/ul

RT: 26.96 min Scan# 4422

Delta R.T. 0.01 min

Lab File: BE093184.D

Acq: 15 Jun 2017 00:05

Instrument :

BNA_E

ClientSampleId :

F5C54

Tgt Ion:	276	Resp:	84258
Ion Ratio	Lower	Upper	
276	100		
138	31.3	21.8	32.8
277	24.8	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:40 PM

