

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093282.D
 Acq On : 20 Jun 2017 15:29
 Operator : SJ/JU
 Sample : I3625-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A86

Manual Integrations
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mohammad
 6/21/2017 12:18:15 PM

Quant Time: Jun 21 02:20:23 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 01:49:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1746	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8839	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5671	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13404m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13849	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11324m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3830	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	10716	0.29	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.56	128	169792	7.742	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	23925	1.595	ng/ul	98
7) Acenaphthylene	14.09	152	2372	0.097	ng/ul#	94
8) Acenaphthene	14.42	153	26591	1.354	ng/ul	97
9) Fluorene	15.42	166	33832	1.470	ng/ul#	96
12) Phenanthrene	17.14	178	184936	5.014	ng/ul#	88
13) Anthracene	17.22	178	28255	0.880	ng/ul#	89
15) Fluoranthene	19.15	202	126915	2.806	ng/ul	84
17) Pyrene	19.51	202	91673	2.245	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	23200	0.628	ng/ul#	85
19) Chrysene	21.30	228	19361	0.505	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	10904	0.317	ng/ul	90
22) Benzo(k)fluoranthene	22.97	252	3784m	0.104	ng/ul	
23) Benzo(a)pyrene	23.56	252	6425m	0.198	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	1672m	0.044	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	599m	0.019	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	1189	0.037	ng/ul#	72

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

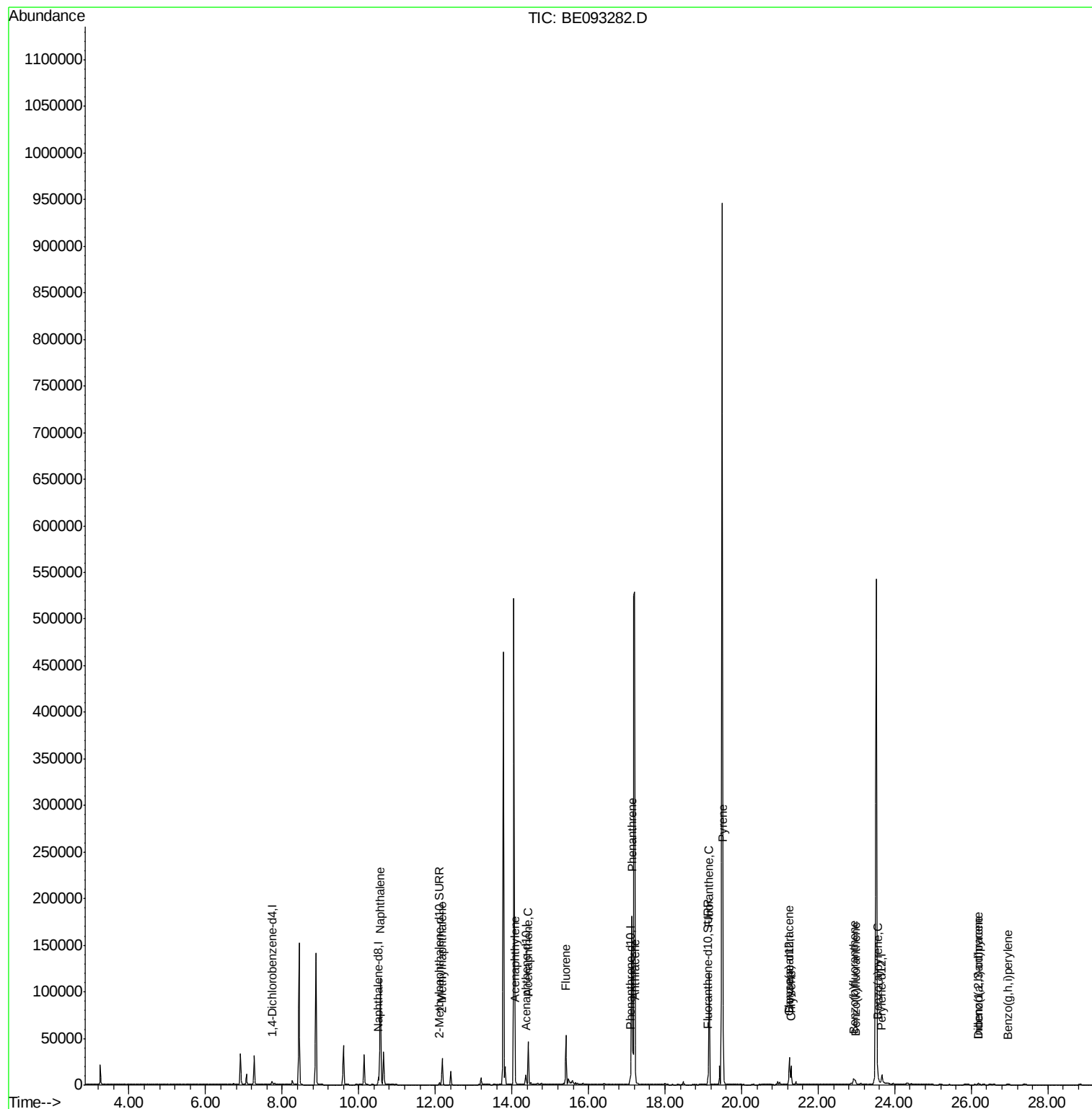
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
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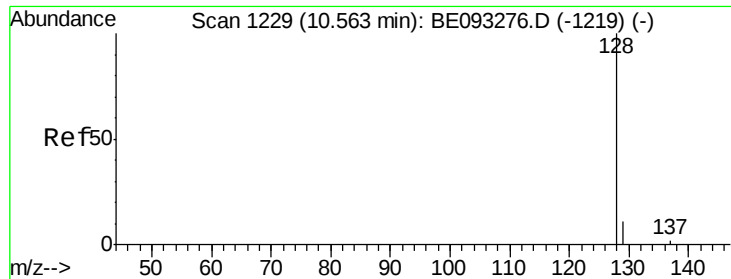
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#3

Naphthalene

Concen: 7.742 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

Instrument :

BNA_E

ClientSampleId :

F5A86

Tgt Ion:128 Resp: 169792

Ion Ratio Lower Upper

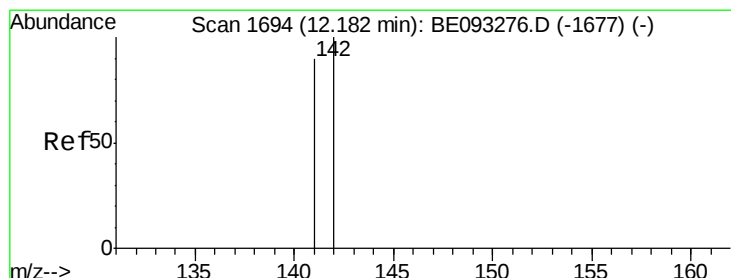
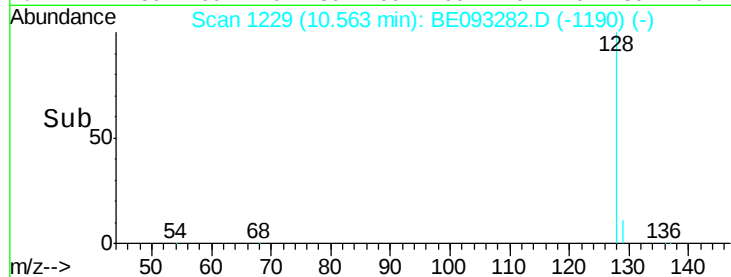
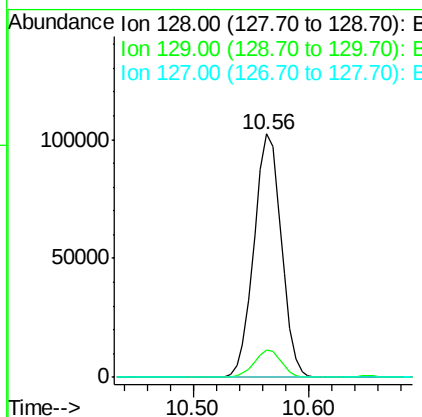
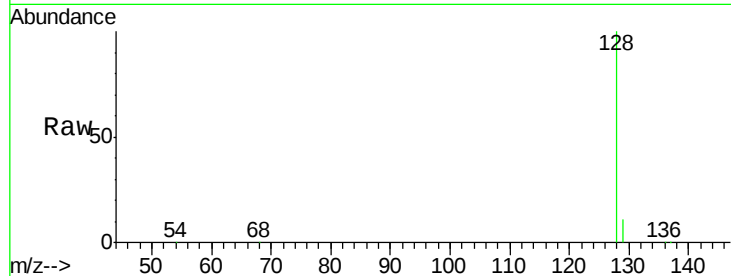
128 100

129 11.1 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 1.595 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. 0.00 min

Lab File: BE093282.D

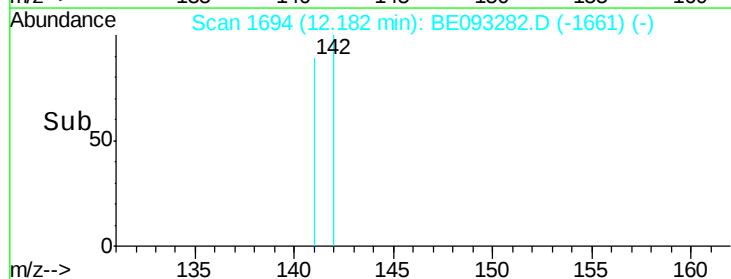
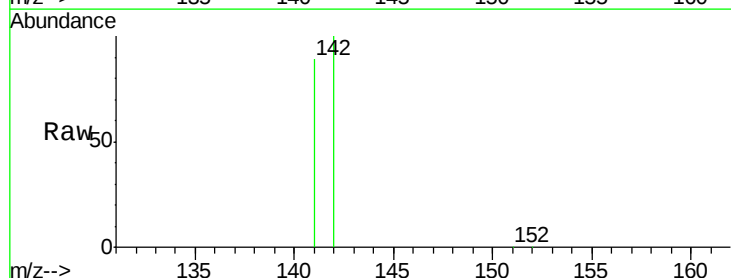
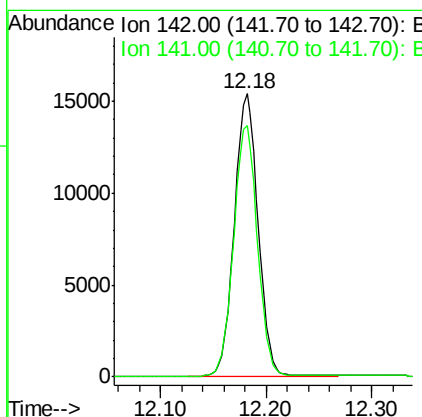
Acq: 20 Jun 2017 15:29

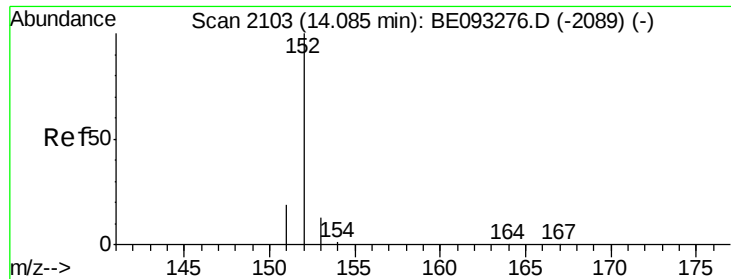
Tgt Ion:142 Resp: 23925

Ion Ratio Lower Upper

142 100

141 89.1 72.6 108.8





#7

Acenaphthylene

Concen: 0.097 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

Instrument :

BNA_E

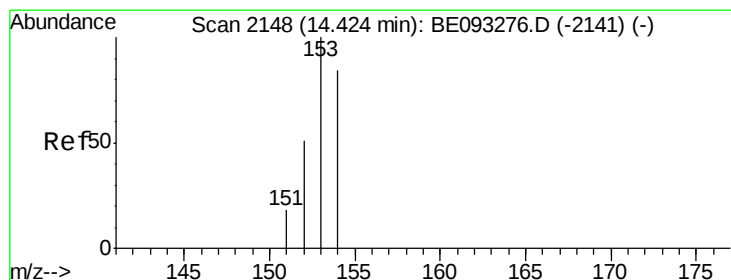
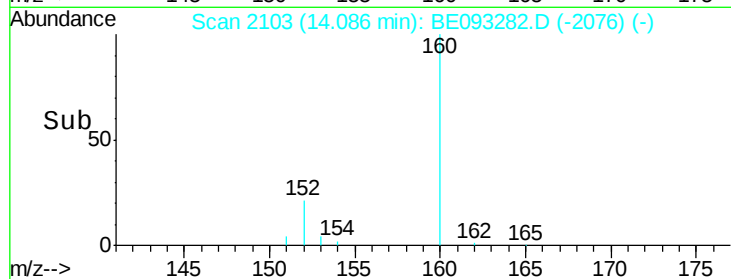
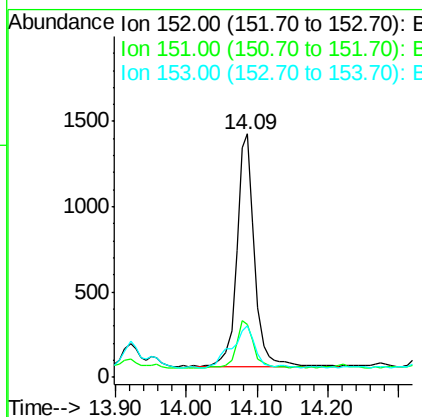
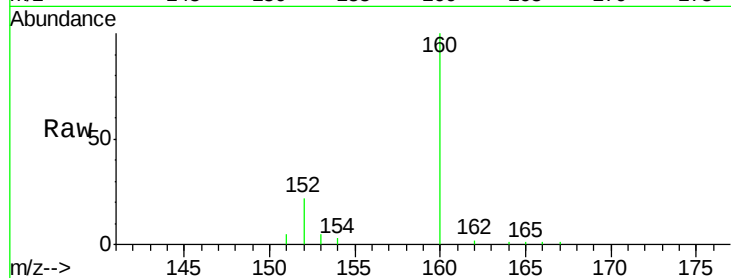
ClientSampleId :

F5A86

Tgt Ion:	152	Resp:	2372
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.1	25.7
153	21.4	12.8	19.2

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#8

Acenaphthene

Concen: 1.354 ng/ul

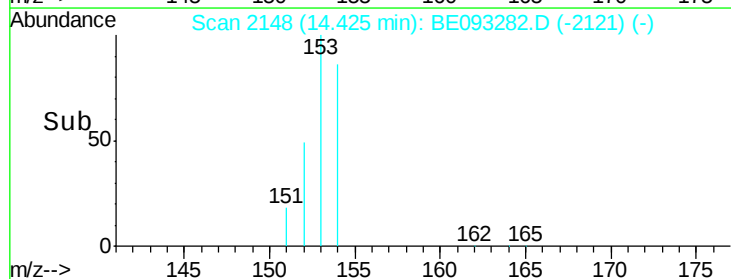
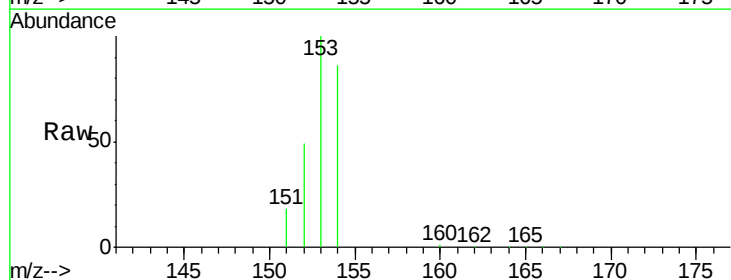
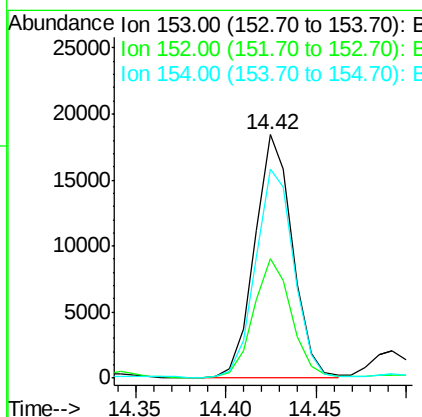
RT: 14.42 min Scan# 2148

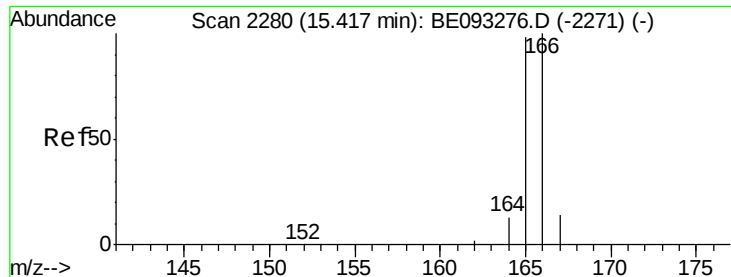
Delta R.T. 0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

Tgt Ion:	153	Resp:	26591
Ion Ratio	Lower	Upper	
153	100		
152	49.0	40.3	60.5
154	85.8	71.4	107.2





#9

Fluorene

Concen: 1.470 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

Instrument :

BNA_E

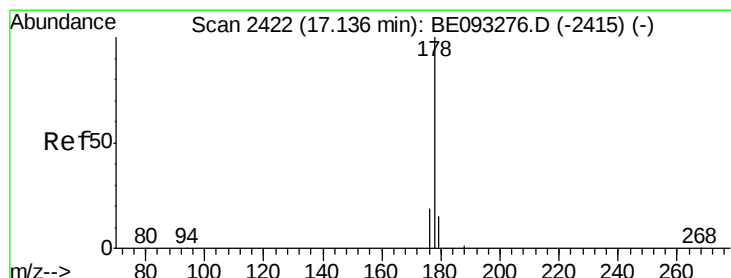
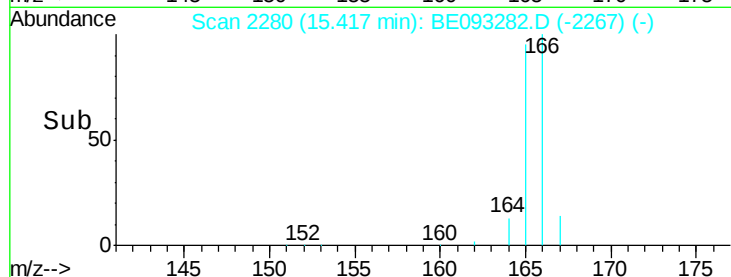
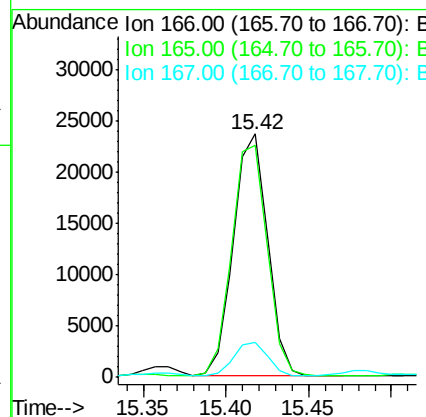
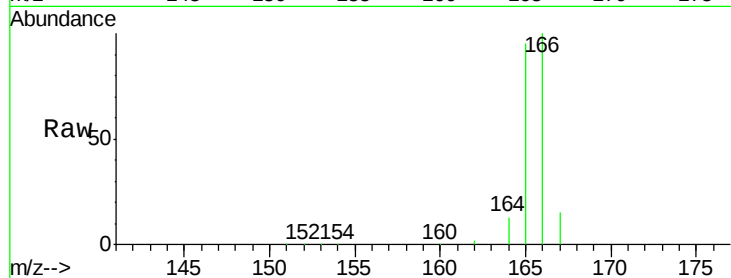
ClientSampleId :

F5A86

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	73.4	110.2
167	14.6	14.6	22.0

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#12

Phenanthrene

Concen: 5.014 ng/ul

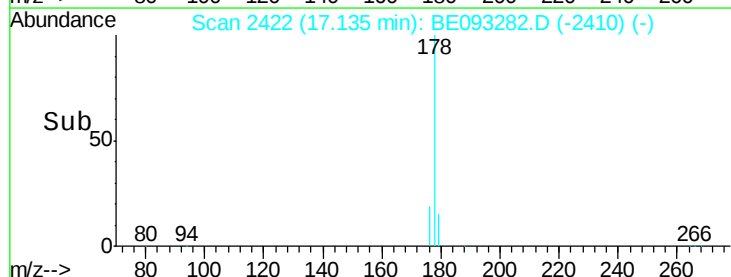
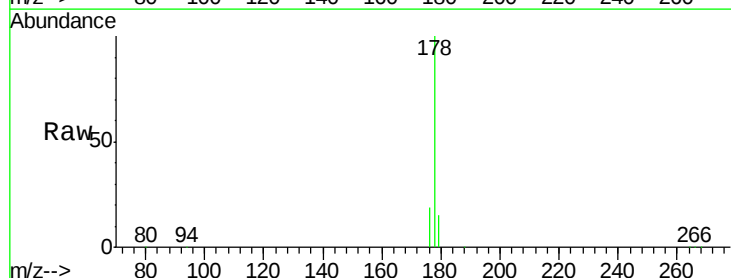
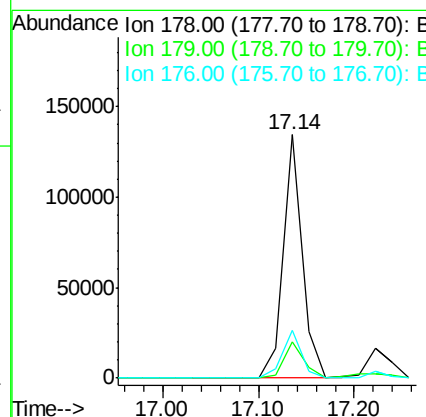
RT: 17.14 min Scan# 2422

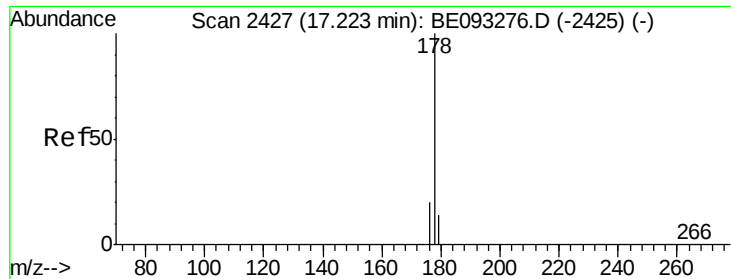
Delta R.T. -0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.4	27.6
176	19.4	13.6	20.4





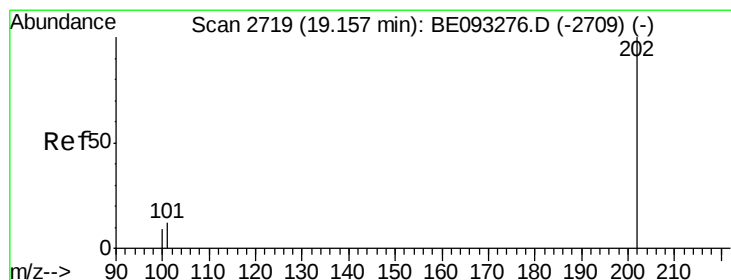
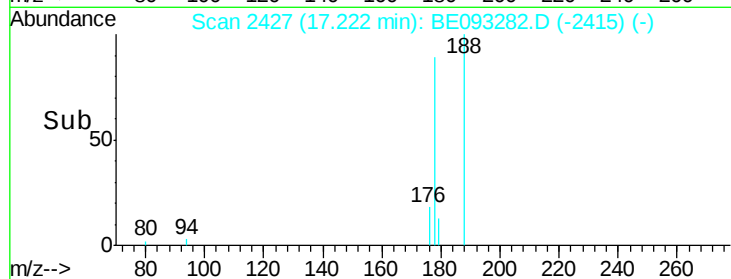
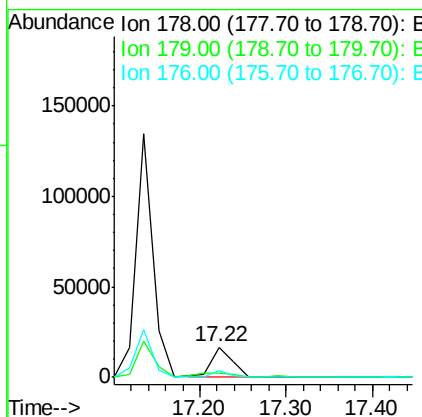
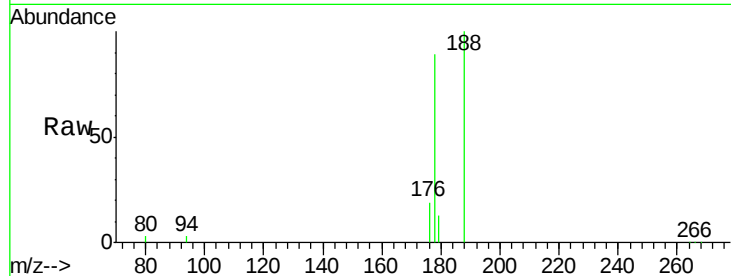
#13
 Anthracene
 Concen: 0.880 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BE093282.D
 Acq: 20 Jun 2017 15:29

Instrument :
 BNA_E
 ClientSampleId :
 F5A86

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	18.1	27.1#
176	20.9	14.7	22.1

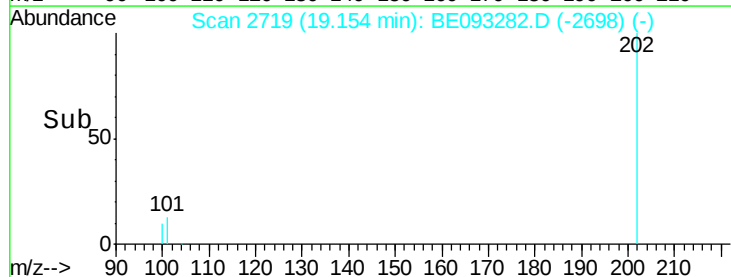
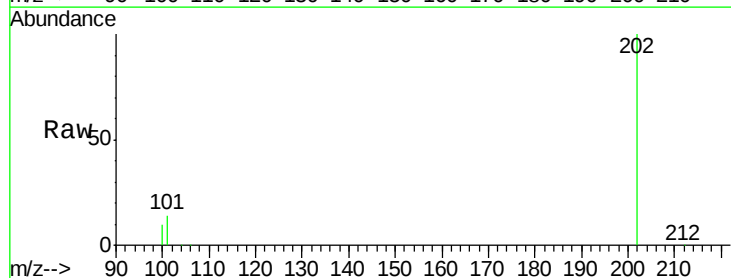
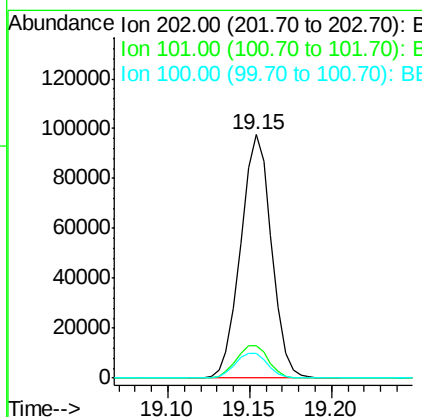
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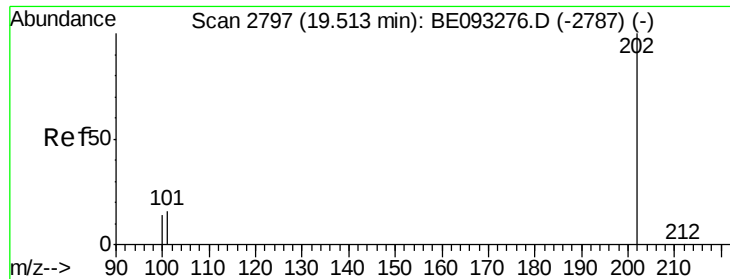
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#15
 Fluoranthene
 Concen: 2.806 ng/ul
 RT: 19.15 min Scan# 2719
 Delta R.T. -0.00 min
 Lab File: BE093282.D
 Acq: 20 Jun 2017 15:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	30.3
100	10.3	0.0	39.5





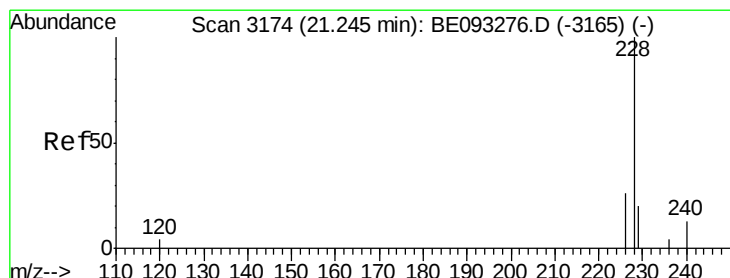
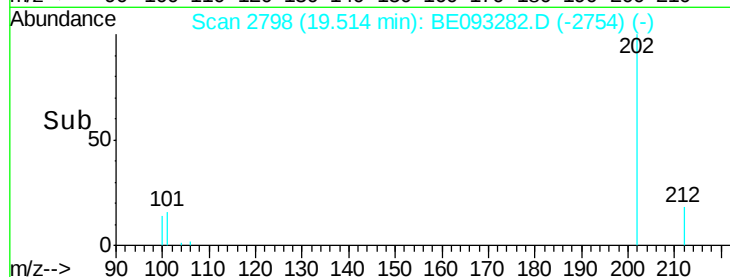
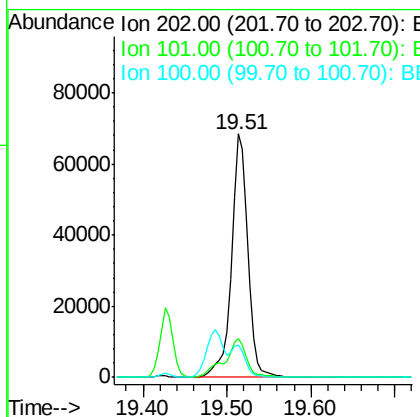
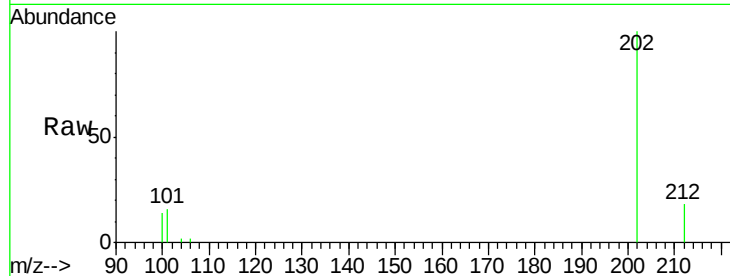
#17
 Pyrene
 Concen: 2.245 ng/ul
 RT: 19.51 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BE093282.D
 Acq: 20 Jun 2017 15:29

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.1	18.2	27.4#
100	13.6	15.6	23.4#

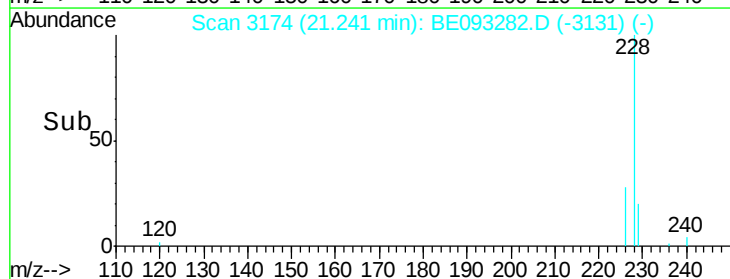
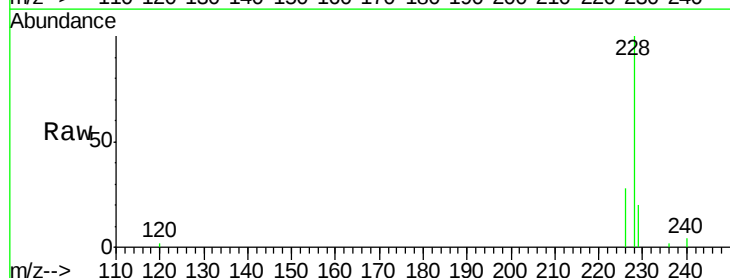
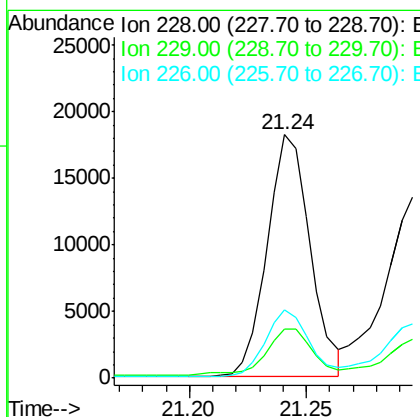
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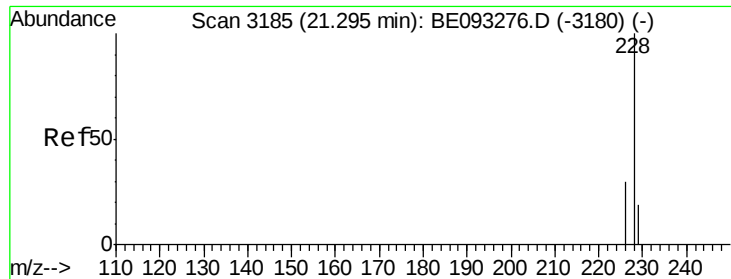
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#18
 Benzo(a)anthracene
 Concen: 0.628 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BE093282.D
 Acq: 20 Jun 2017 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	22.8	34.2#
226	28.3	17.0	25.6#





#19

Chrysene

Concen: 0.505 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

Instrument :

BNA_E

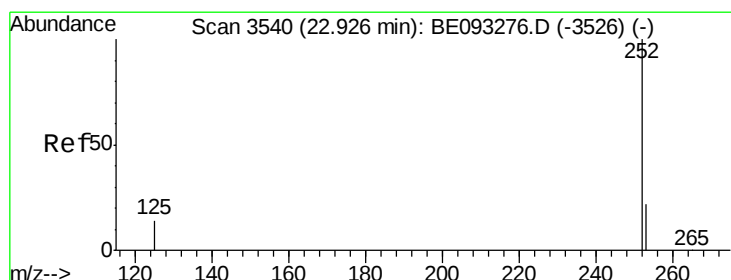
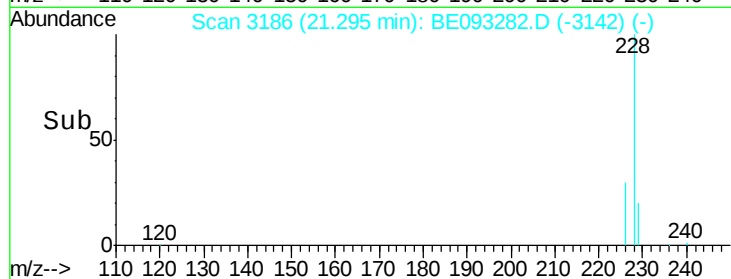
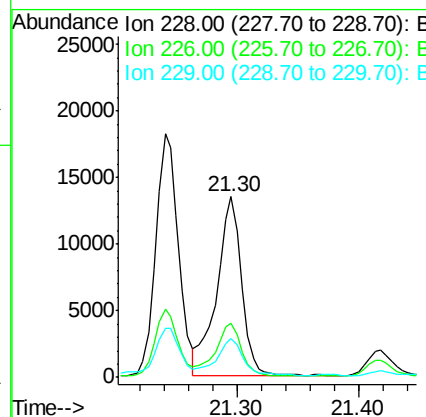
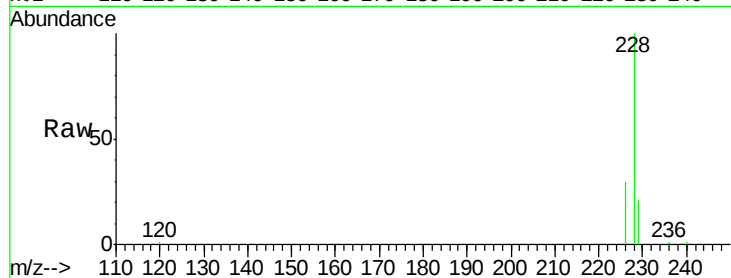
ClientSampleId :

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Tgt Ion:	228	Resp:	19361
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	21.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.317 ng/ul

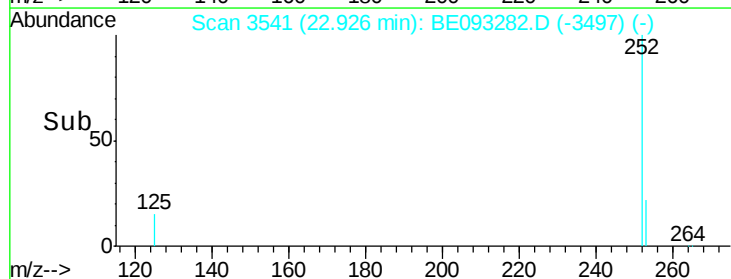
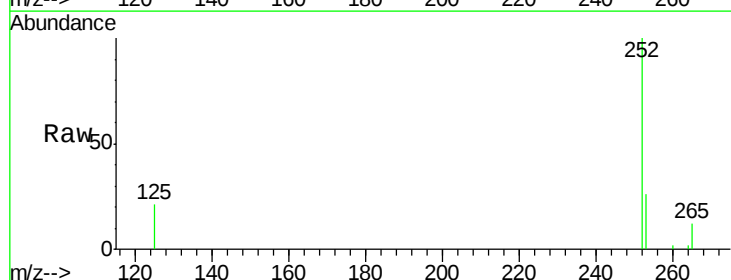
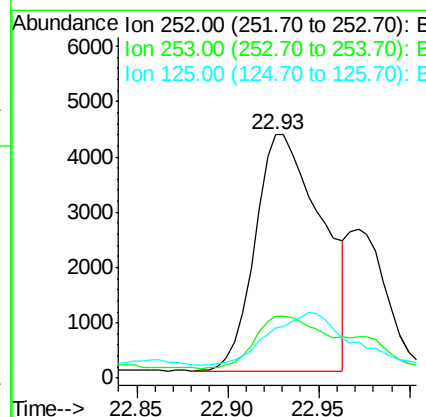
RT: 22.93 min Scan# 3541

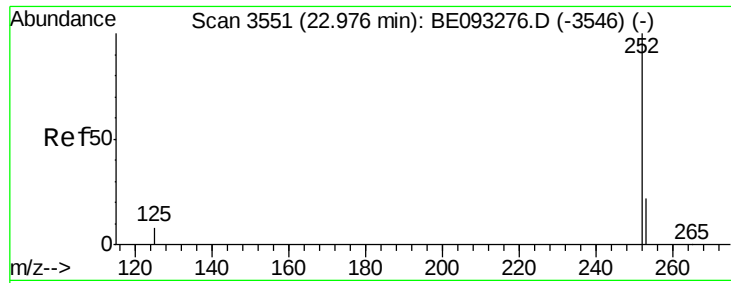
Delta R.T. 0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

Tgt Ion:	252	Resp:	10904
Ion Ratio	Lower	Upper	
252	100		
253	25.5	0.0	64.2
125	20.5	0.0	35.0





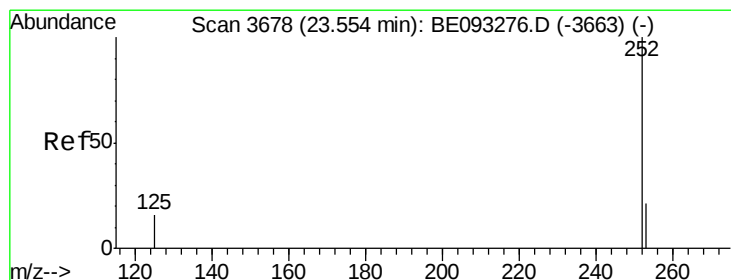
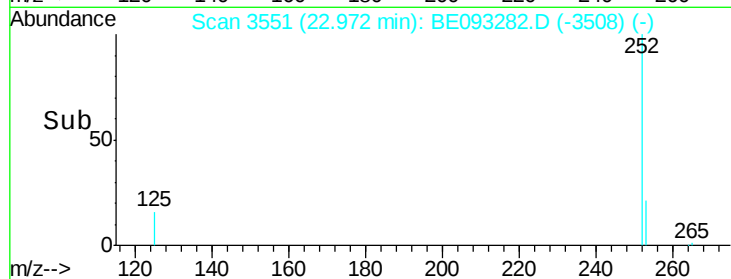
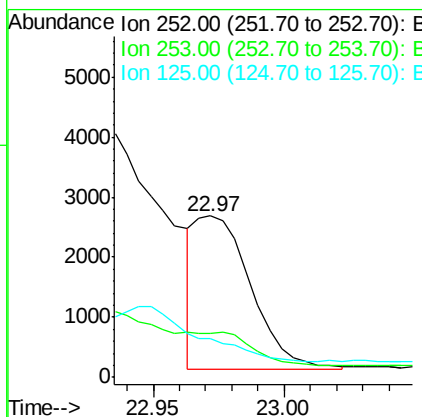
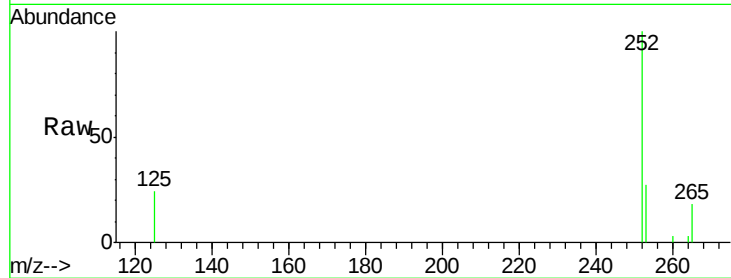
#22
Benzo(k)fluoranthene
Concen: 0.104 ng/ul m
RT: 22.97 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BE093282.D
Acq: 20 Jun 2017 15:29

Instrument :
BNA_E
ClientSampleId :
F5A86

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	24.5	36.7
125	24.0	13.7	20.5

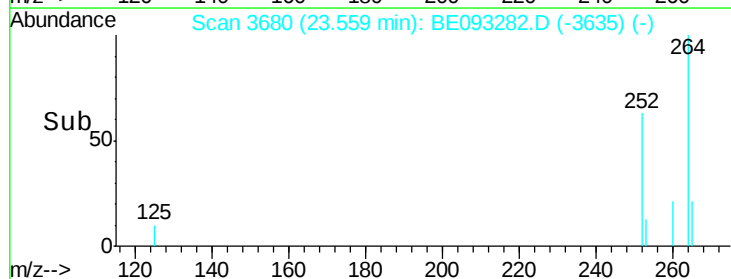
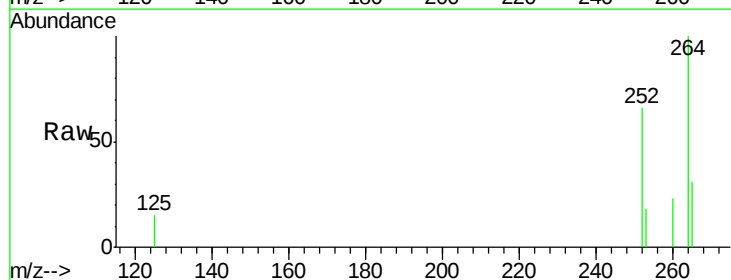
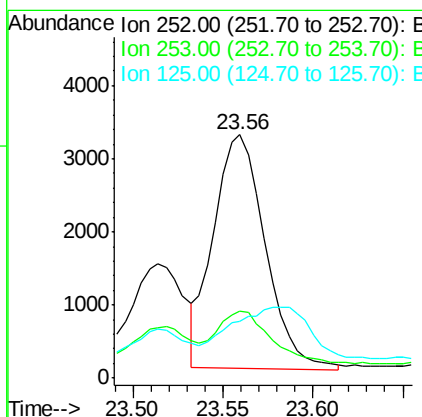
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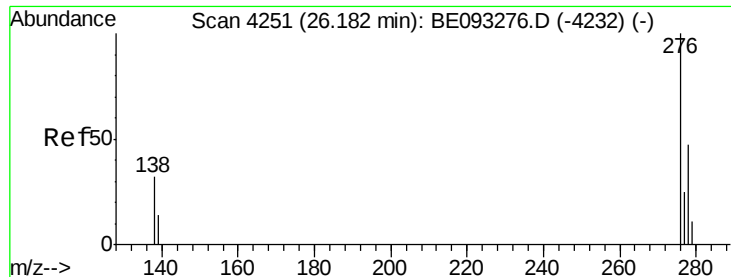
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#23
Benzo(a)pyrene
Concen: 0.198 ng/ul m
RT: 23.56 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BE093282.D
Acq: 20 Jun 2017 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	28.5	42.7
125	23.4	18.1	27.1





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.044 ng/ul m

RT: 26.19 min Scan# 4253

Delta R.T. 0.00 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

Instrument :

BNA_E

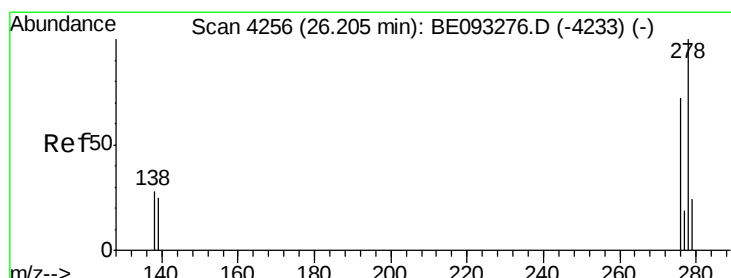
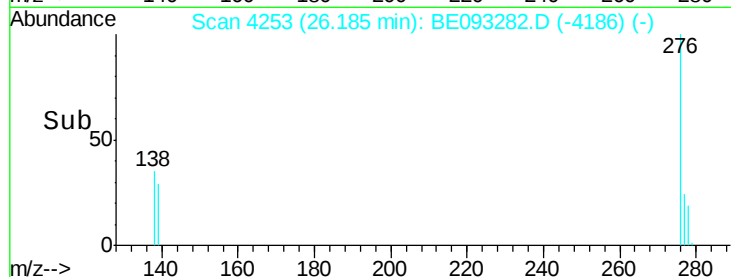
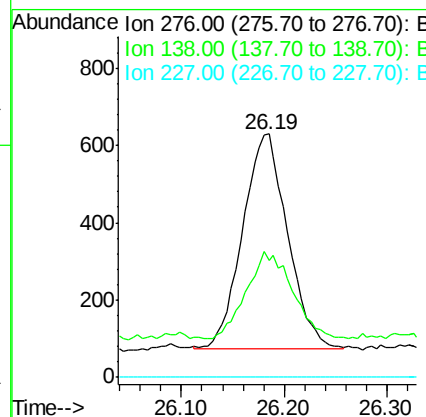
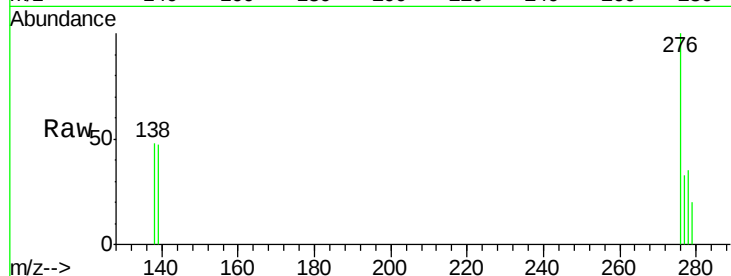
ClientSampleId :

F5A86

Tgt Ion:	276	Resp:	1672
Ion Ratio	Lower	Upper	
276	100		
138	2.5	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:15 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.019 ng/ul m

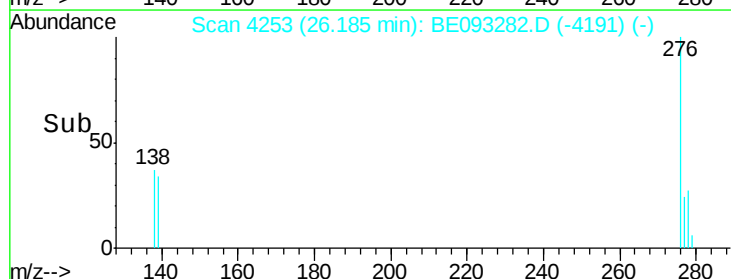
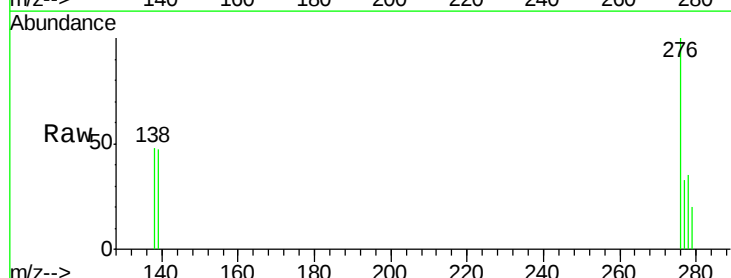
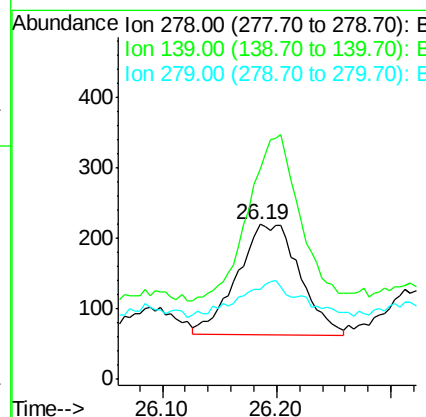
RT: 26.19 min Scan# 4253

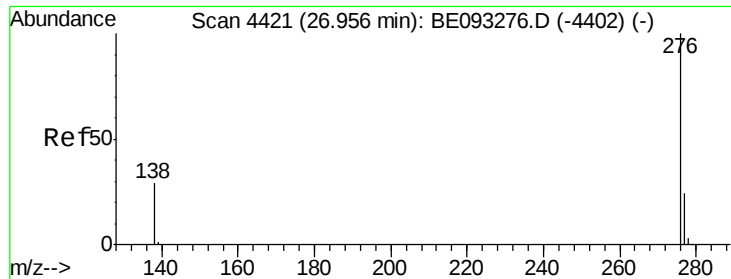
Delta R.T. -0.02 min

Lab File: BE093282.D

Acq: 20 Jun 2017 15:29

Tgt Ion:	278	Resp:	599
Ion Ratio	Lower	Upper	
278	100		
139	136.5	17.4	26.0#
279	58.0	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.037 ng/ul
RT: 26.96 min Scan# 4423
Delta R.T. 0.00 min
Lab File: BE093282.D
Acq: 20 Jun 2017 15:29

Instrument :
BNA_E
ClientSampleId :
F5A86

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.5	21.8	32.8#
277	35.9	20.5	30.7#

Manual Integrations
APPROVED

mohammad
6/21/2017 12:18:15 PM

