

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
 Data File : BE093319.D
 Acq On : 21 Jun 2017 17:21
 Operator : SJ/JU
 Sample : I3627-16DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A89DL

Manual Integrations
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mohammad
 6/22/2017 11:49:08 AM

Quant Time: Jun 22 03:39:06 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 22 02:10:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1698	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	9367	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5934	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14456	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	14415	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	12976	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	733	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1864	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.56	128	4307	0.19	ng/ul#	94
5) 2-Methylnaphthalene	12.18	142	2588	0.16	ng/ul	98
7) Acenaphthylene	14.09	152	840	0.03	ng/ul#	77
8) Acenaphthene	14.42	153	7071	0.34	ng/ul	98
9) Fluorene	15.41	166	9058	0.38	ng/ul	91
12) Phenanthrene	17.14	178	84311	2.12	ng/ul#	91
13) Anthracene	17.22	178	8113	0.23	ng/ul#	92
15) Fluoranthene	19.15	202	45621	0.94	ng/ul	83
17) Pyrene	19.51	202	29380	0.69	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	7261	0.19	ng/ul#	86
19) Chrysene	21.29	228	6474	0.16	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	3870m	0.10	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	1388m	0.03	ng/ul	
23) Benzo(a)pyrene	23.55	252	2018	0.05	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	26.17	276	869	0.02	ng/ul#	88

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

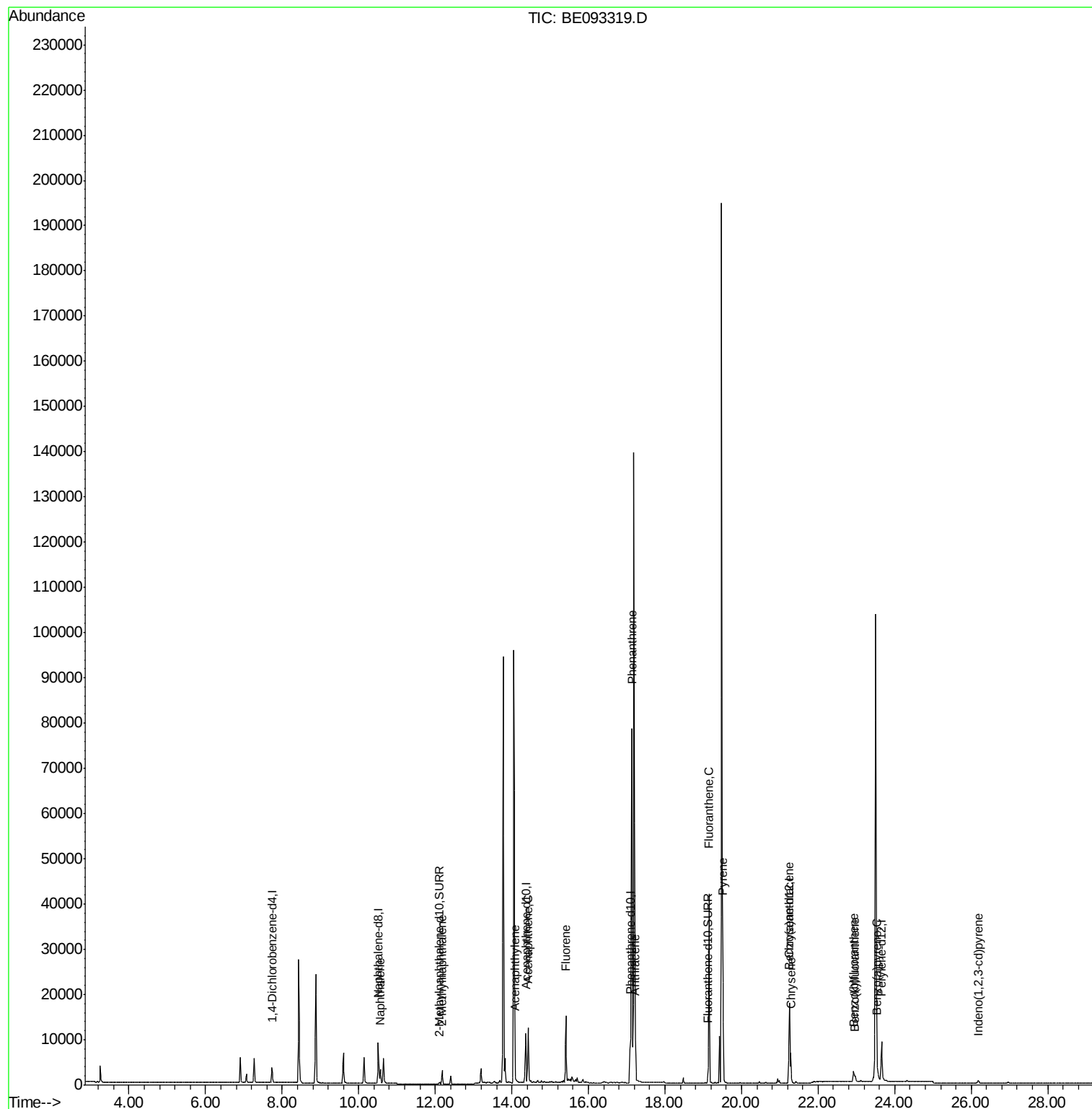
Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
Data File : BE093319.D
Acq On : 21 Jun 2017 17:21
Operator : SJ/JU
Sample : I3627-16DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

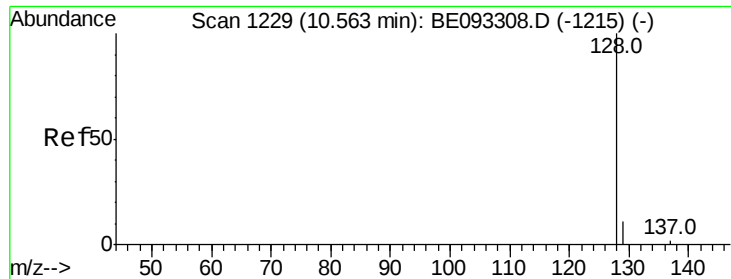
Instrument :
BNA_E
ClientSampleId :
F5A89DL

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Quant Time: Jun 22 03:39:06 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 22 02:10:17 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.19 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093319.D

Acq: 21 Jun 2017 17:21

Instrument :

BNA_E

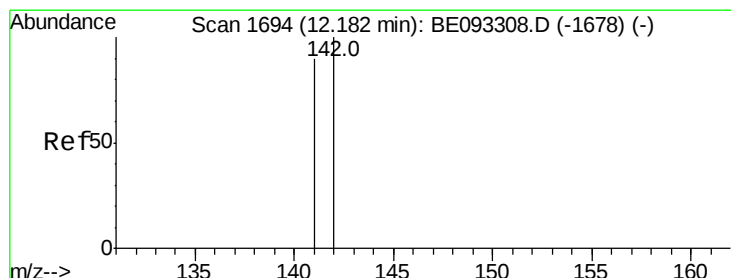
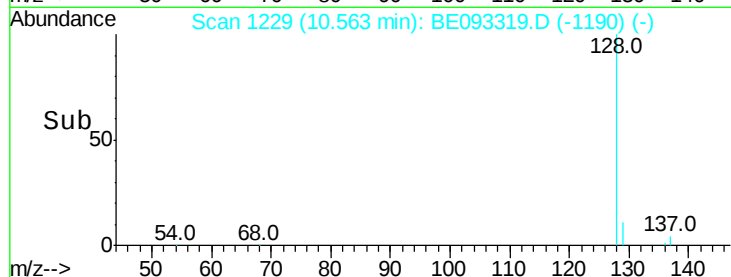
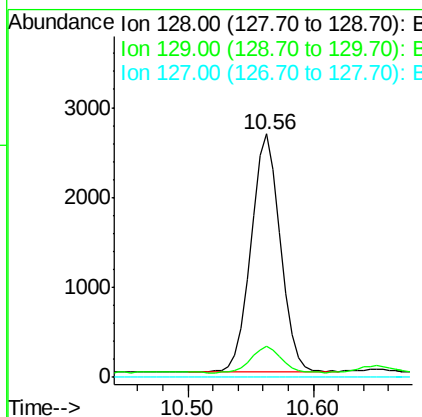
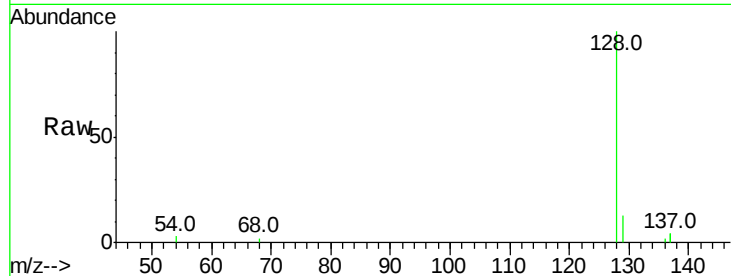
ClientSampleId :

F5A89DL

Tot Ion:	128	Resp:	4307
Ion Ratio	Lower	Upper	
128	100		
129	12.7	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.16 ng/ul

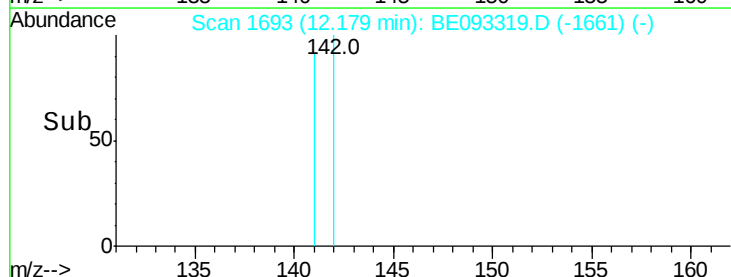
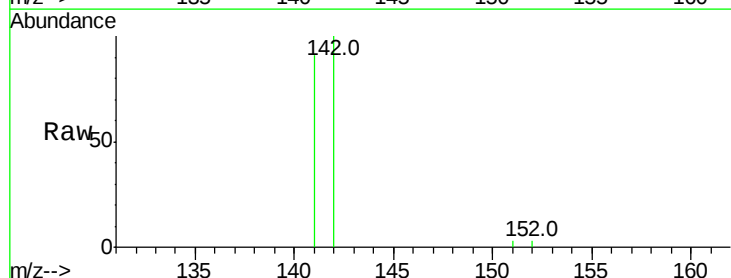
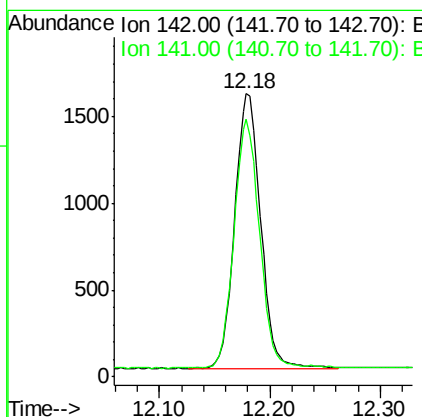
RT: 12.18 min Scan# 1693

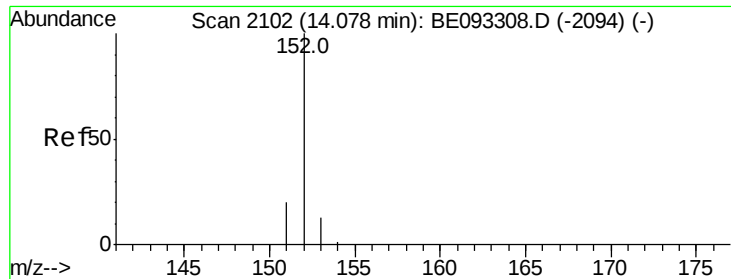
Delta R.T. -0.00 min

Lab File: BE093319.D

Acq: 21 Jun 2017 17:21

Tgt Ion:	142	Resp:	2588
Ion Ratio	Lower	Upper	
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BE093319.D

Acq: 21 Jun 2017 17:21

Instrument :

BNA_E

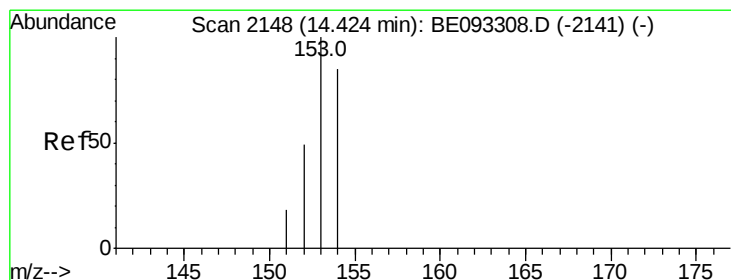
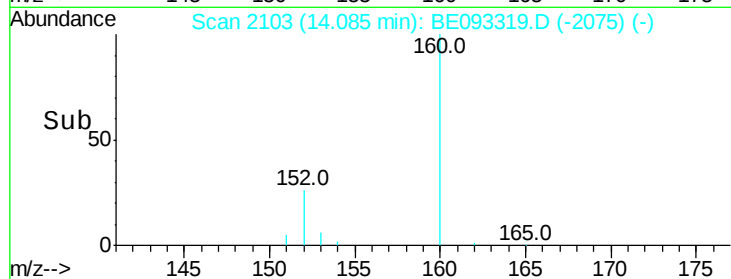
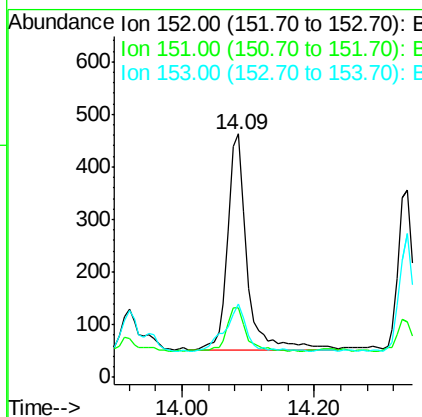
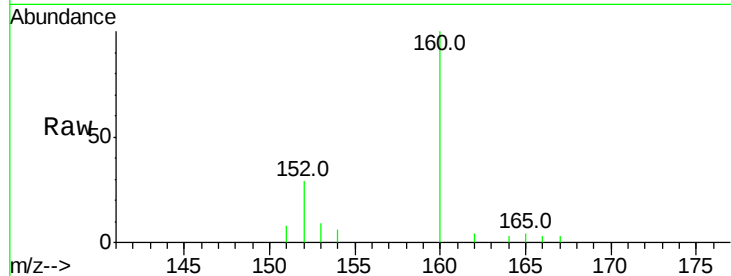
ClientSampleId :

F5A89DL

Tot Ion:	152	Resp:	840
Ion Ratio	Lower	Upper	
152	100		
151	28.7	17.1	25.7#
153	30.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.34 ng/ul

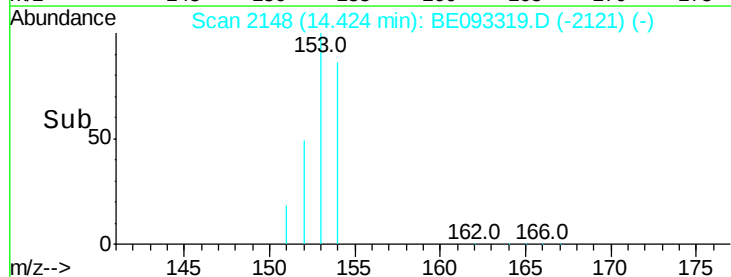
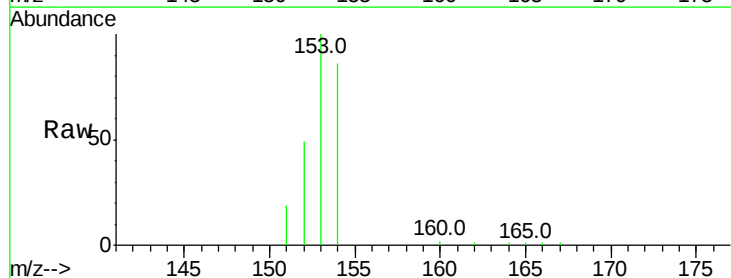
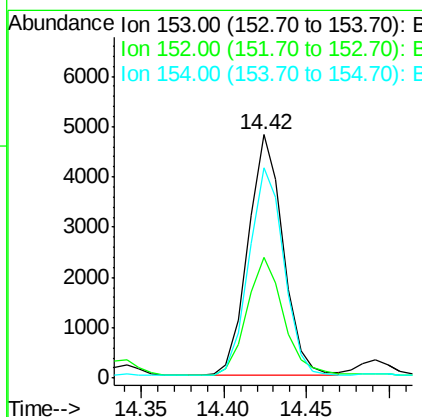
RT: 14.42 min Scan# 2148

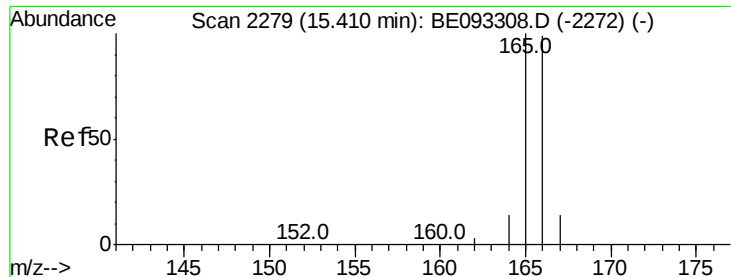
Delta R.T. -0.00 min

Lab File: BE093319.D

Acq: 21 Jun 2017 17:21

Tgt Ion:	153	Resp:	7071
Ion Ratio	Lower	Upper	
153	100		
152	49.5	40.3	60.5
154	86.4	71.4	107.2





#9

Fluorene

Concen: 0.38 ng/ul

RT: 15.41 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093319.D

Acq: 21 Jun 2017 17:21

Instrument :

BNA_E

ClientSampleId :

F5A89DL

Tot Ion:166 Resp: 9058

Ion Ratio Lower Upper

166 100

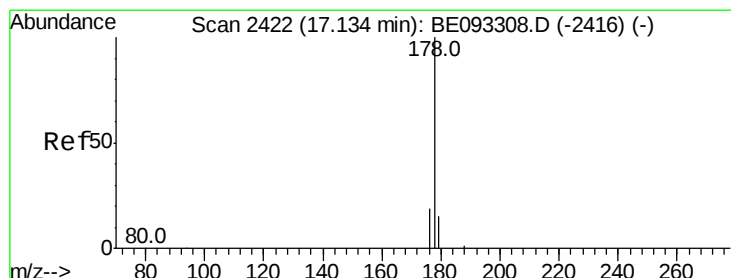
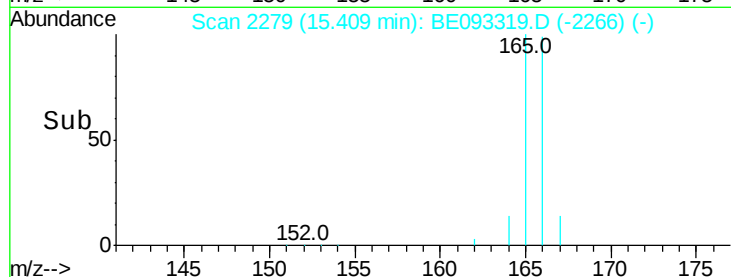
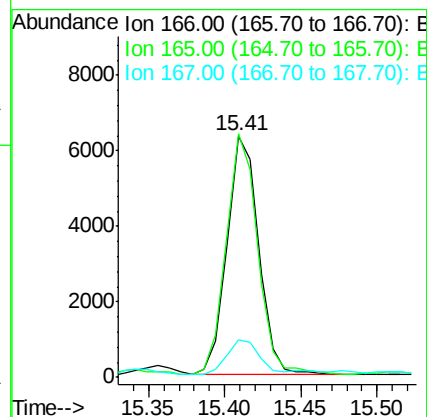
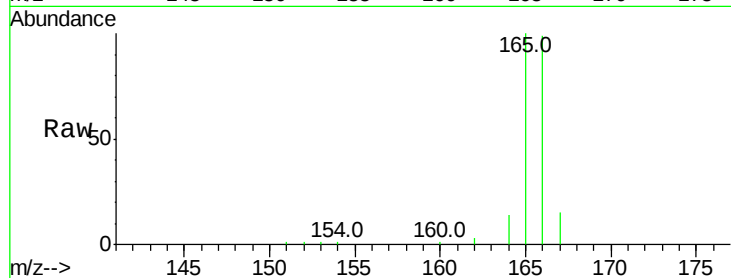
165 101.0 73.4 110.2

167 15.5 14.6 22.0

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#12

Phenanthrene

Concen: 2.12 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093319.D

Acq: 21 Jun 2017 17:21

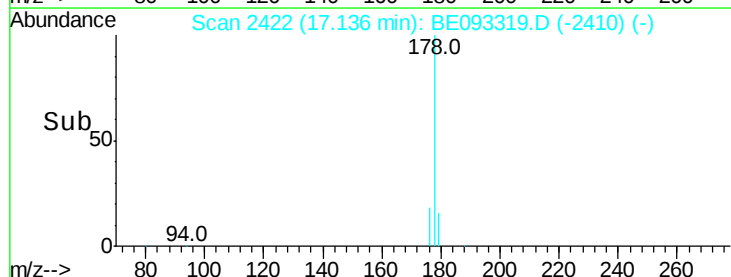
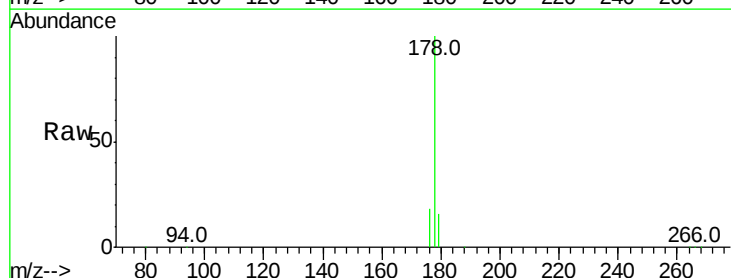
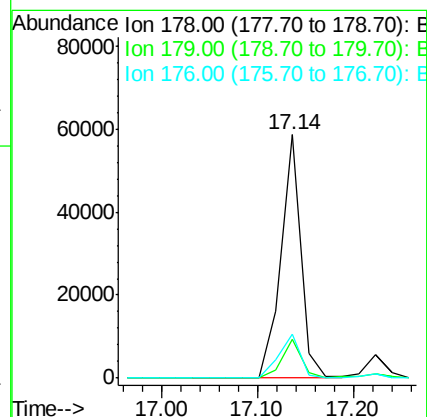
Tgt Ion:178 Resp: 84311

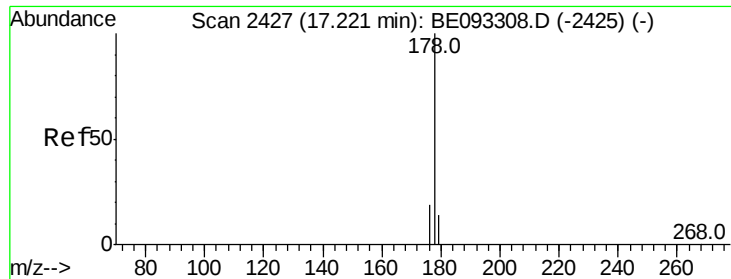
Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

176 17.8 13.6 20.4





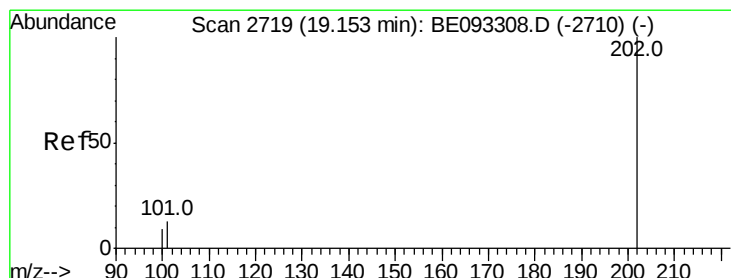
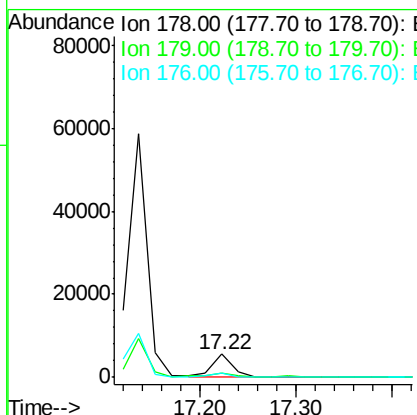
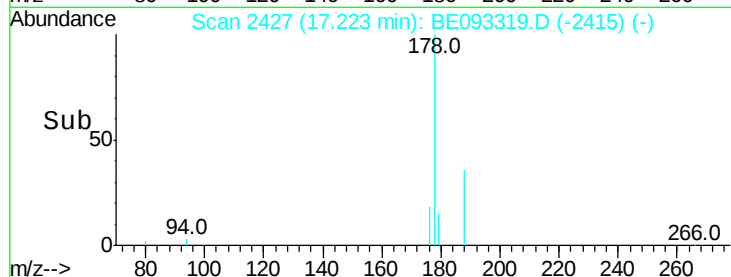
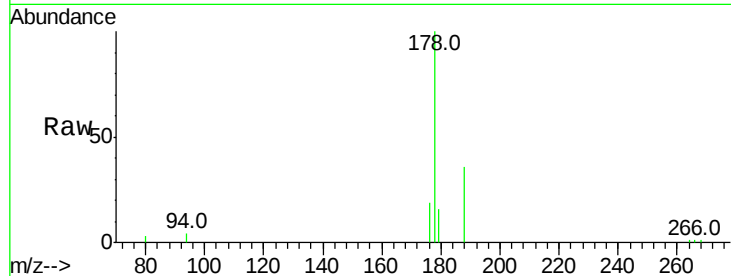
#13
 Anthracene
 Concen: 0.23 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BE093319.D
 Acq: 21 Jun 2017 17:21

Instrument :
 BNA_E
 ClientSampleId :
 F5A89DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.1	27.1#
176	18.9	14.7	22.1

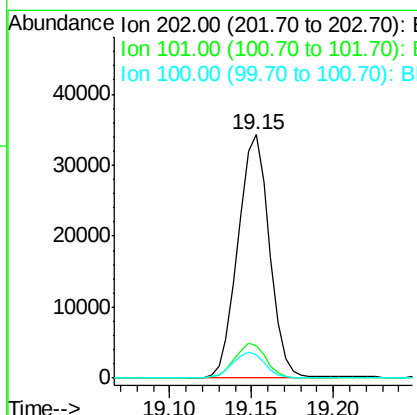
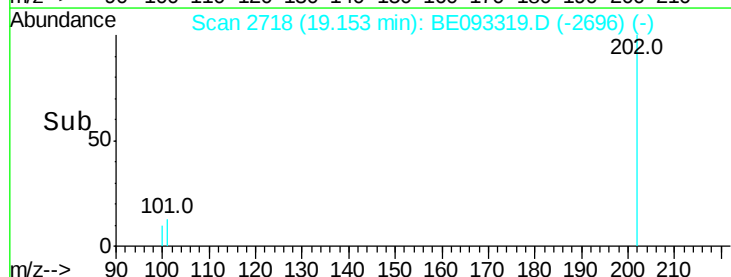
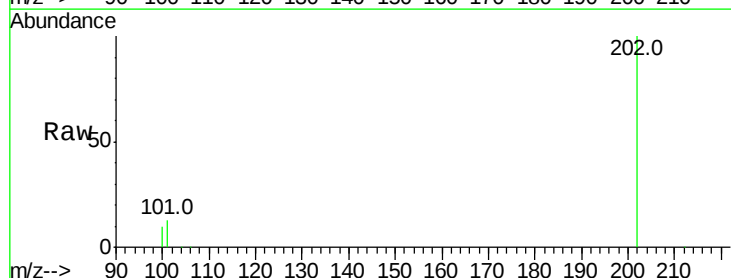
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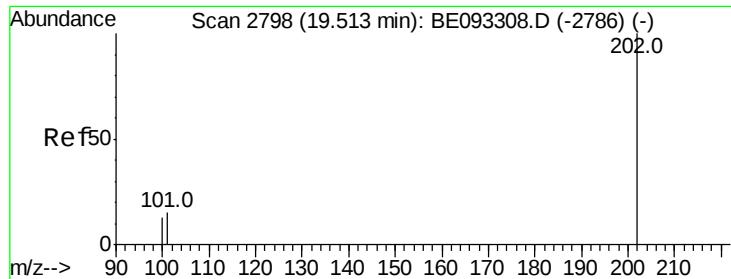
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#15
 Fluoranthene
 Concen: 0.94 ng/ul
 RT: 19.15 min Scan# 2718
 Delta R.T. -0.00 min
 Lab File: BE093319.D
 Acq: 21 Jun 2017 17:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	30.3
100	9.7	0.0	39.5





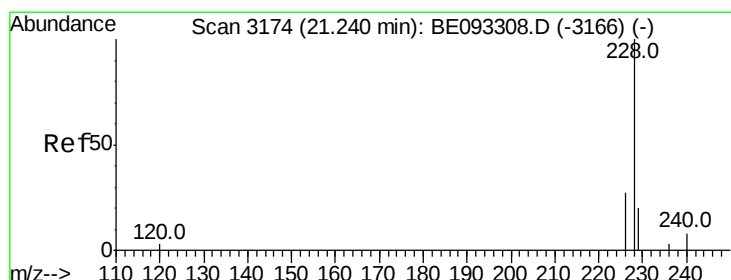
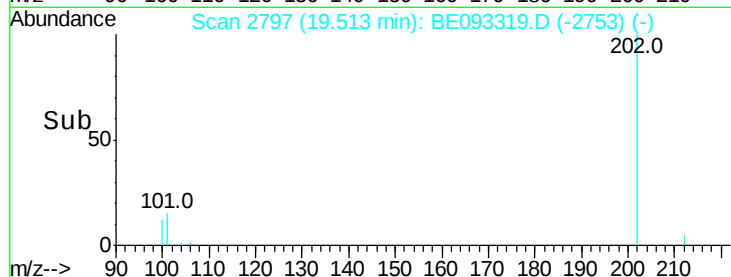
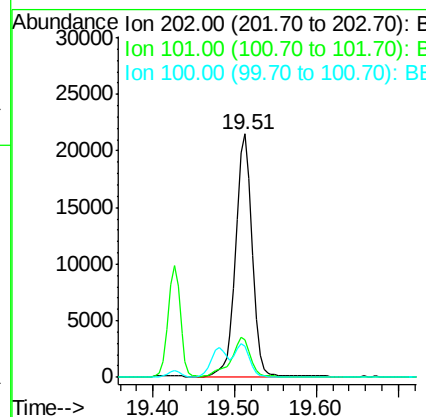
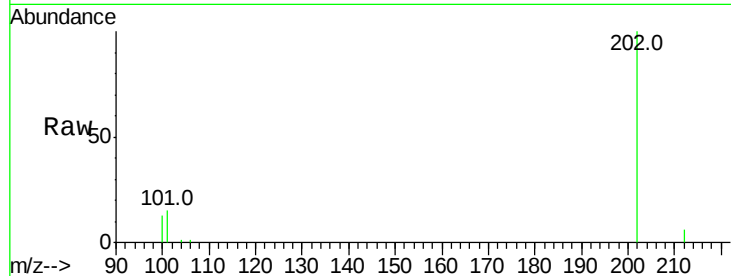
#17
Pvrene
Concen: 0.69 ng/ul
RT: 19.51 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE093319.D
Acq: 21 Jun 2017 17:21

Instrument :
BNA_E
ClientSampleId :
F5A89DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	18.2	27.4#
100	12.5	15.6	23.4#

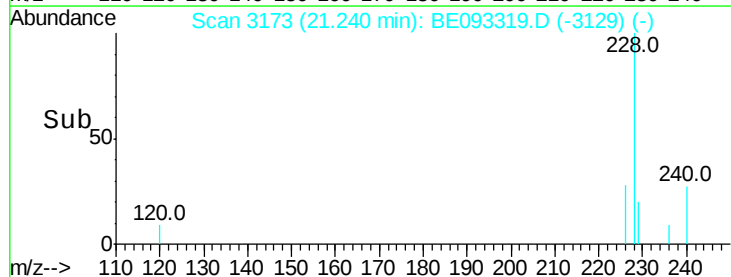
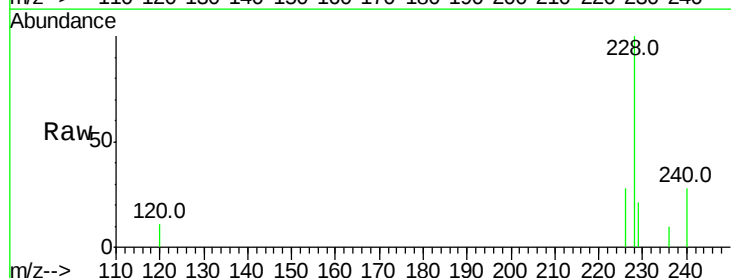
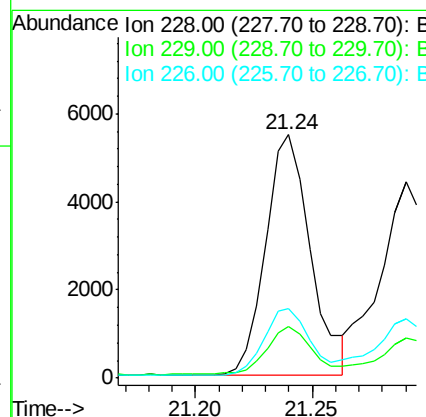
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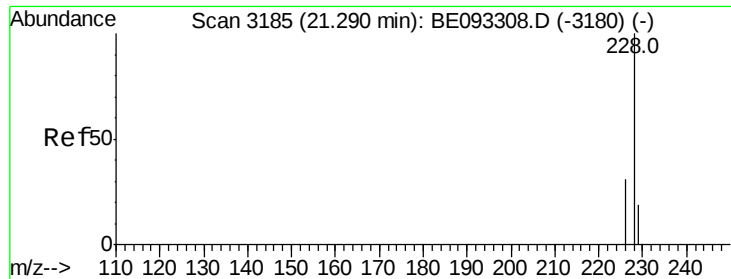
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#18
Benzo(a)anthracene
Concen: 0.19 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE093319.D
Acq: 21 Jun 2017 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	22.8	34.2#
226	28.5	17.0	25.6#





#19

Chrysene

Concen: 0.16 ng/ul

RT: 21.29 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BE093319.D

Acq: 21 Jun 2017 17:21

Instrument :

BNA_E

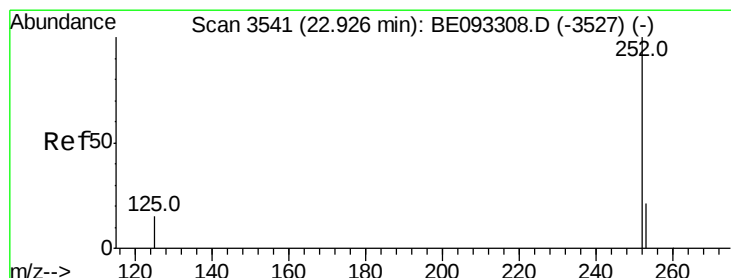
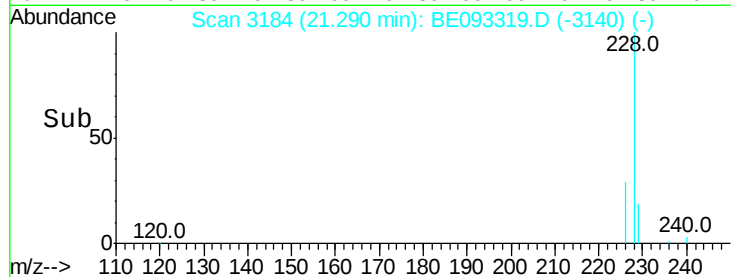
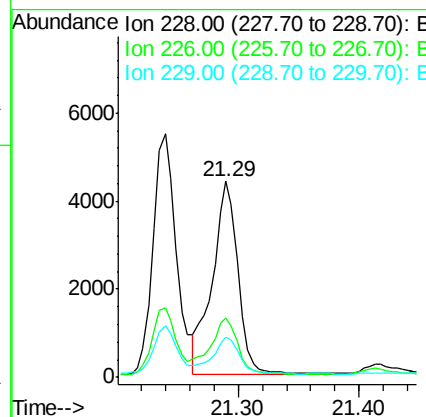
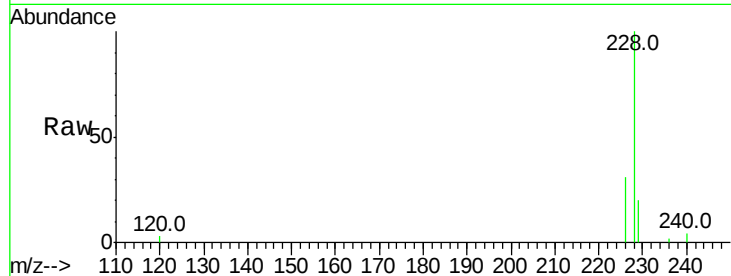
ClientSampleId :

F5A89DL

Tot Ion:	228	Resp:	6474
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	20.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.10 ng/ul m

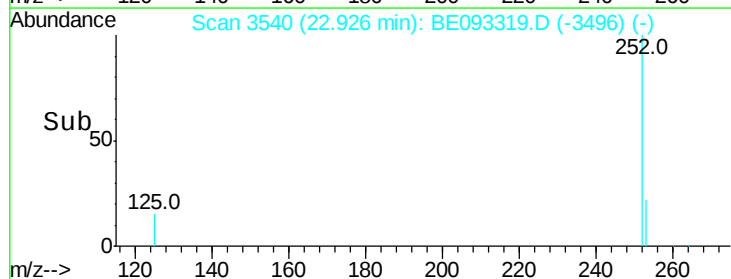
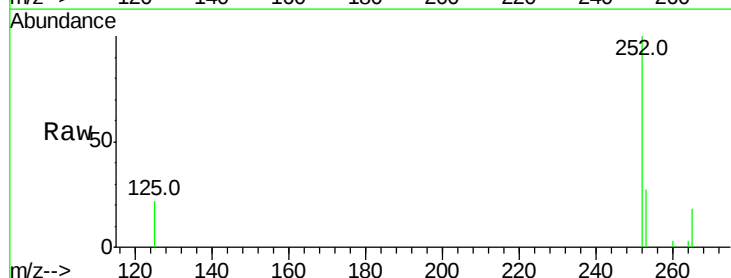
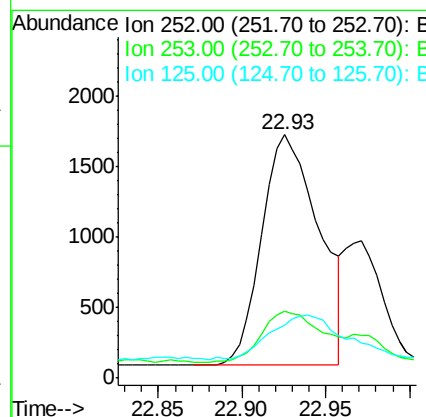
RT: 22.93 min Scan# 3540

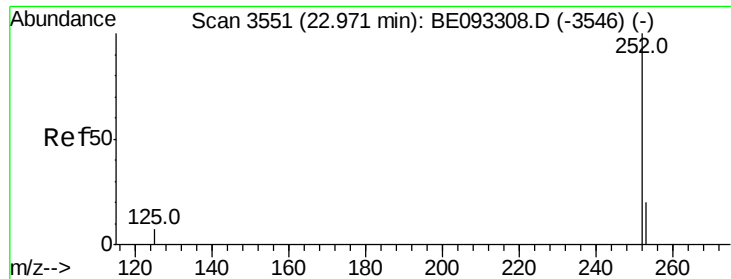
Delta R.T. -0.00 min

Lab File: BE093319.D

Acq: 21 Jun 2017 17:21

Tgt Ion:	252	Resp:	3870
Ion Ratio	Lower	Upper	
252	100		
253	27.4	0.0	64.2
125	22.0	0.0	35.0





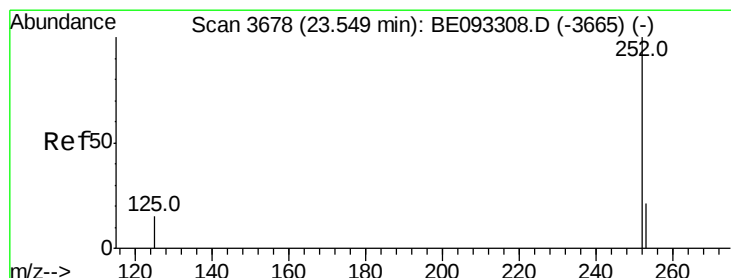
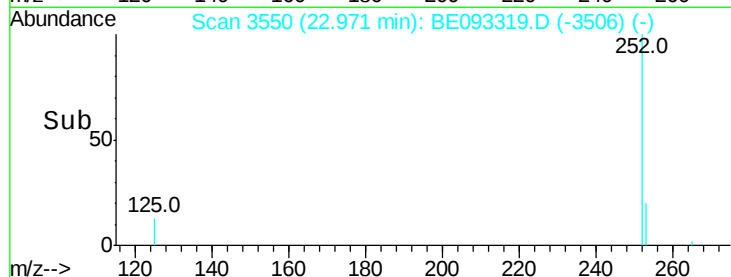
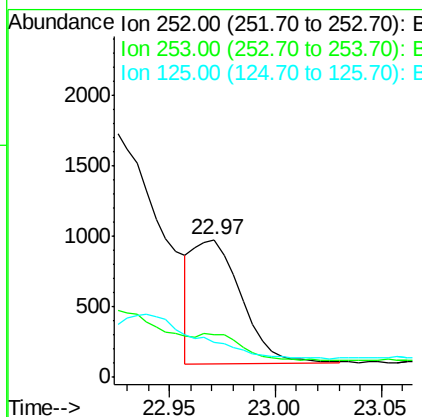
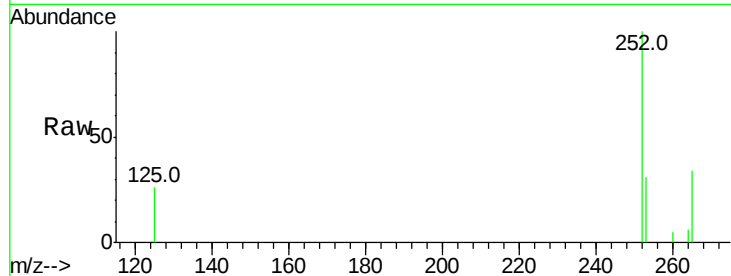
#22
Benzo(k)fluoranthene
Concen: 0.03 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BE093319.D
Acq: 21 Jun 2017 17:21

Instrument :
BNA_E
ClientSampleId :
F5A89DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.7	24.5	36.7
125	25.7	13.7	20.5

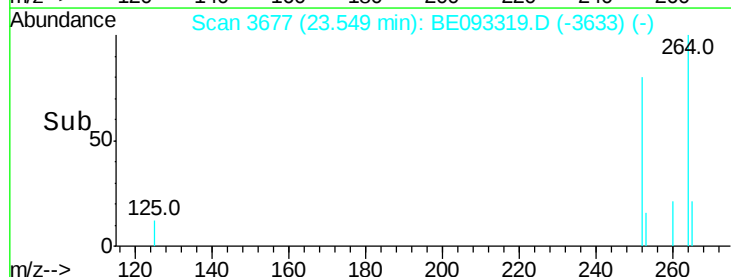
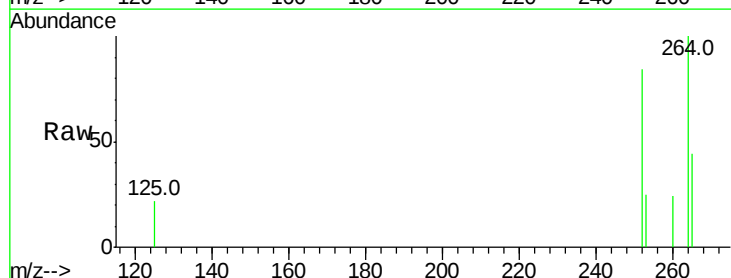
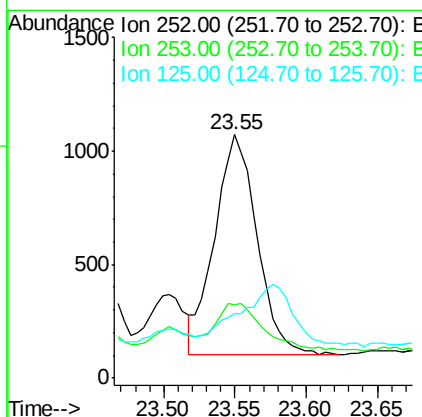
Manual Integrations
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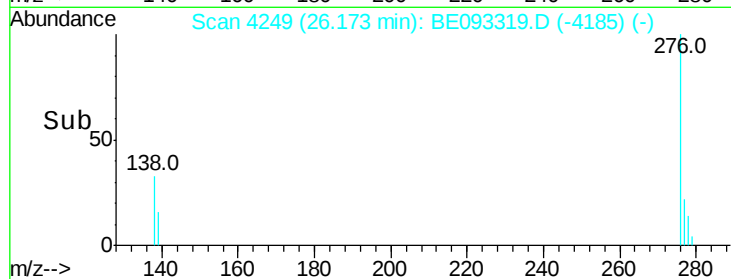
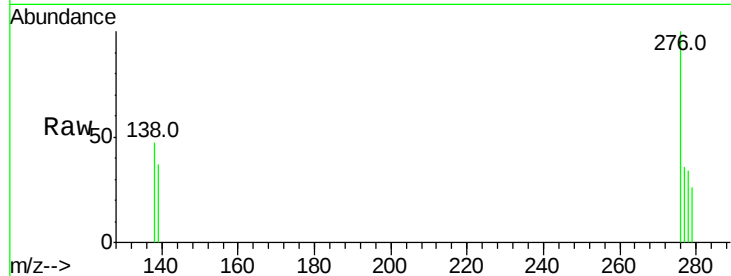
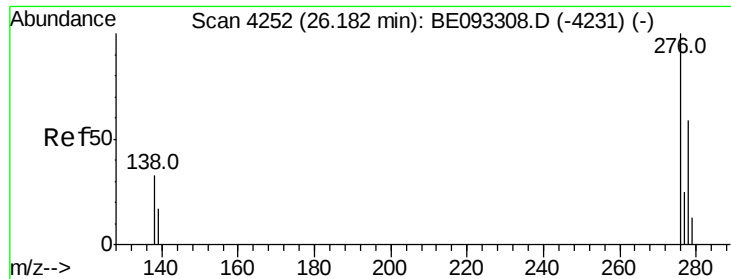
mohammad
6/22/2017 11:49:08 AM



#23
Benzo(a)pyrene
Concen: 0.05 ng/ul
RT: 23.55 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BE093319.D
Acq: 21 Jun 2017 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	28.5	42.7
125	26.5	18.1	27.1





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng/ul

RT: 26.17 min Scan# 4249

Delta R.T. -0.01 min

Lab File: BE093319.D

Acq: 21 Jun 2017 17:21

Instrument :

BNA_E

ClientSampleId :

F5A89DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	39.5	28.0	42.0
227	0.0	8.0	12.0

Manual Integrations
APPROVED

mohammad
6/22/2017 11:49:08 AM

