

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093283.D
 Acq On : 20 Jun 2017 16:05
 Operator : SJ/JU
 Sample : I3625-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B07

Manual Integrations
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mohammad
 6/21/2017 12:18:19 PM

Quant Time: Jun 21 02:28:59 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	7.73	152	1615	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8449	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5475	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13008m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13228	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10766m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4394	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	13155	0.37	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.56	128	1678	0.080	ng/ul#	94
5) 2-Methylnaphthalene	12.18	142	399	0.028	ng/ul	98
7) Acenaphthylene	14.09	152	3266	0.139	ng/ul	99
8) Acenaphthene	14.42	153	1202	0.063	ng/ul	93
9) Fluorene	15.42	166	1360	0.061	ng/ul	95
12) Phenanthrene	17.14	178	5305	0.148	ng/ul#	90
13) Anthracene	17.22	178	7836	0.251	ng/ul#	89
15) Fluoranthene	19.15	202	27644	0.630	ng/ul	84
17) Pyrene	19.52	202	39730	1.018	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	15547	0.441	ng/ul#	85
19) Chrysene	21.29	228	25911	0.708	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	40562	1.241	ng/ul	88
22) Benzo(k)fluoranthene	22.98	252	12823m	0.370	ng/ul	
23) Benzo(a)pyrene	23.56	252	19183m	0.621	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	11139m	0.311	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	2876m	0.095	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	7253	0.236	ng/ul	94

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

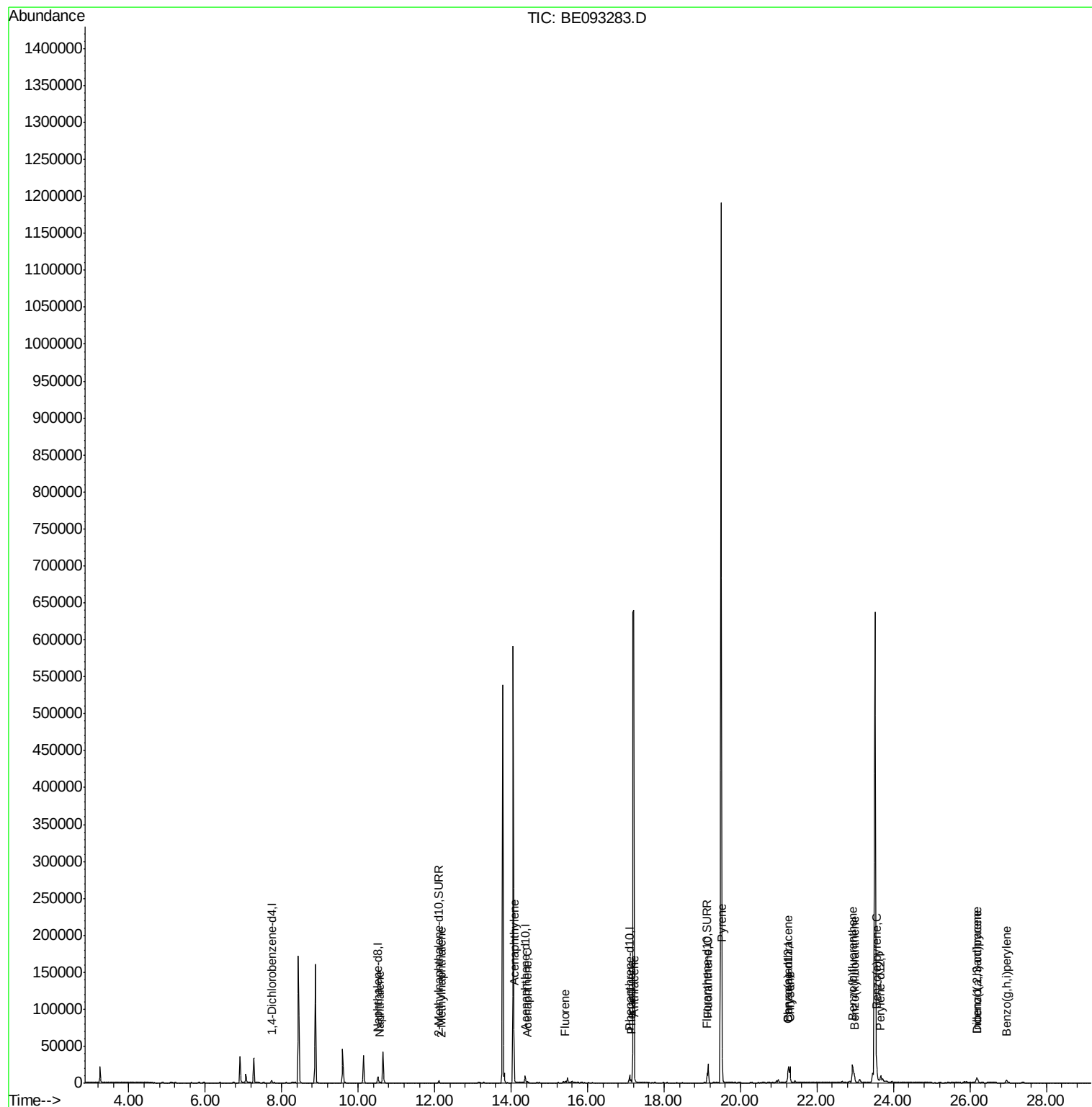
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
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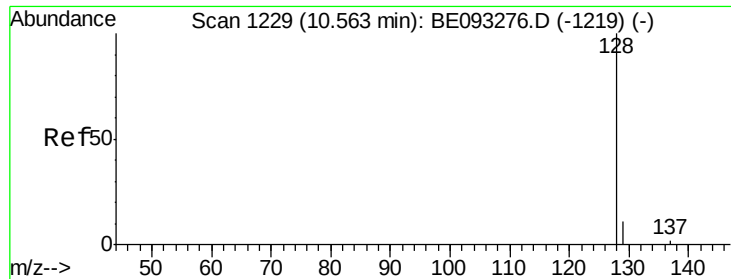
Instrument :
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F5B07

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#3

Naphthalene

Concen: 0.080 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Instrument :

BNA_E

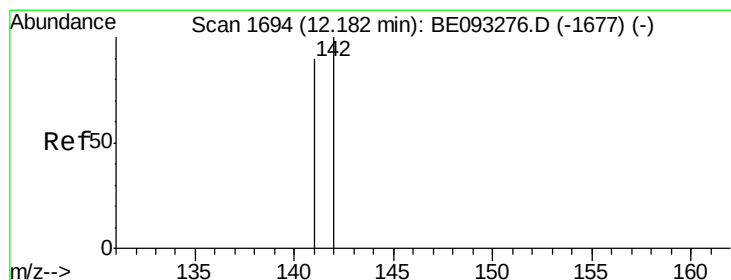
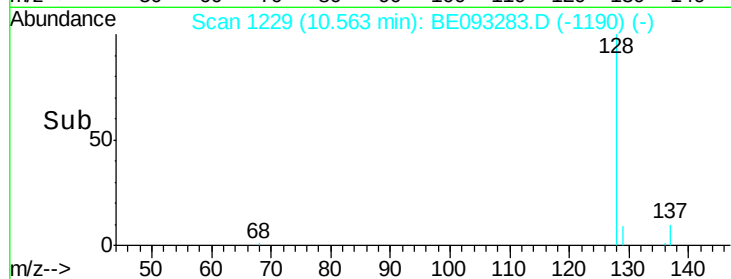
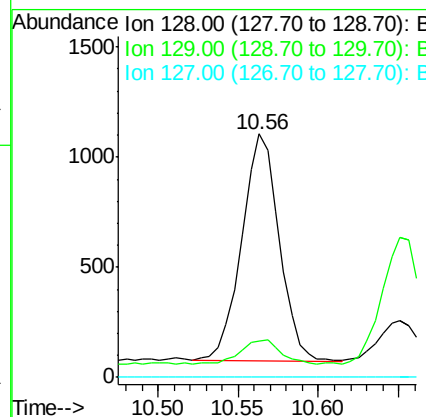
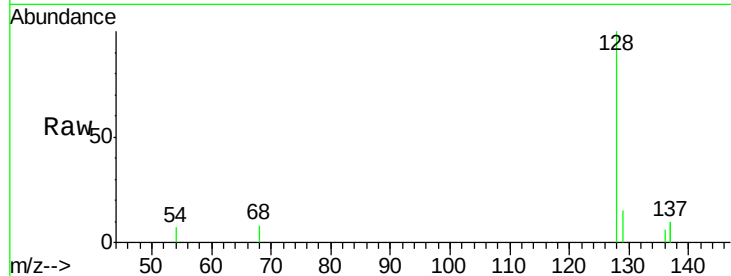
ClientSampled :

F5B07

Tgt Ion:	128	Resp:	1678
Ion Ratio	Lower	Upper	
128	100		
129	15.0	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

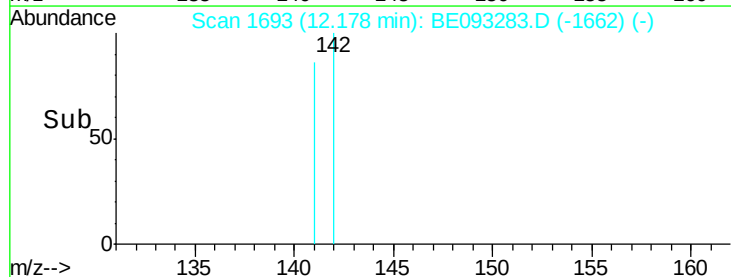
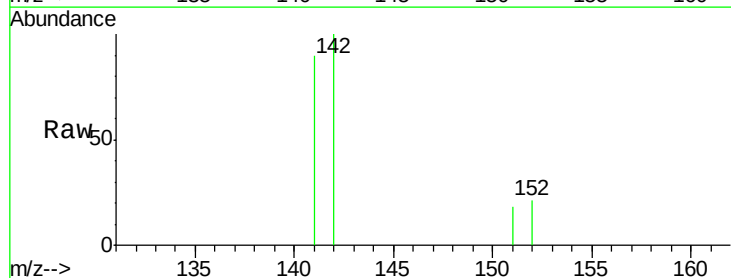
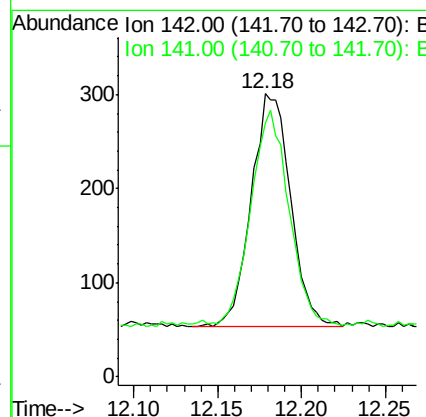
RT: 12.18 min Scan# 1693

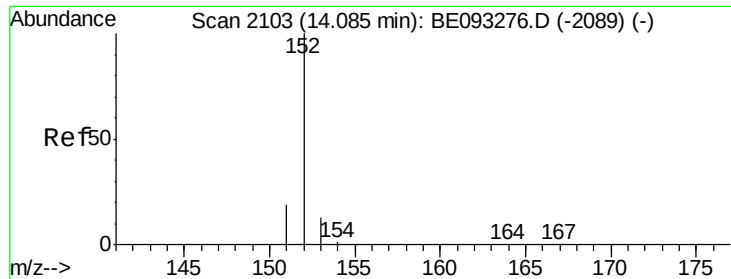
Delta R.T. -0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Tgt Ion:	142	Resp:	399
Ion Ratio	Lower	Upper	
142	100		
141	88.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.139 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Instrument :

BNA_E

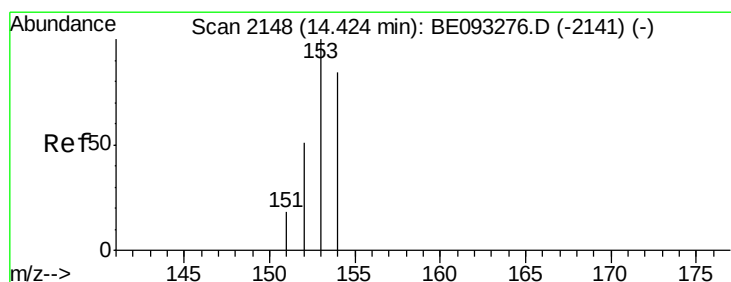
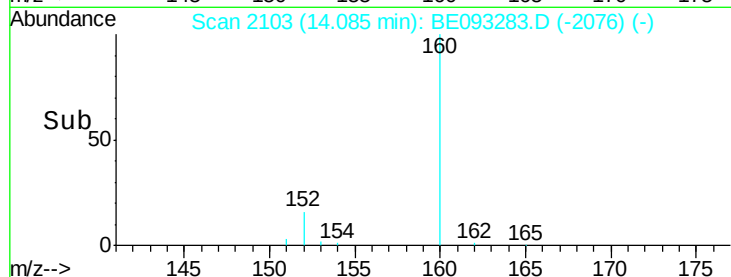
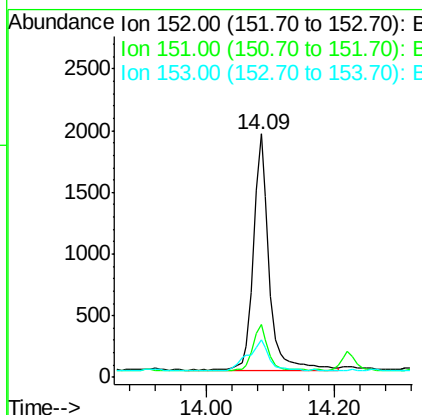
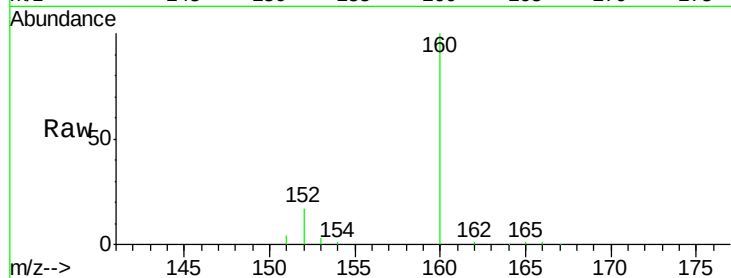
ClientSampleId :

F5B07

Tgt Ion:	152	Resp:	3266
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.1	25.7
153	15.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.063 ng/ul

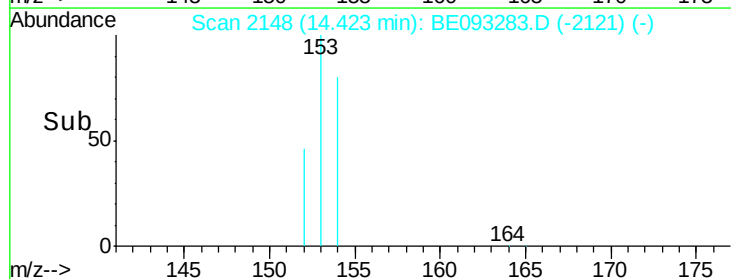
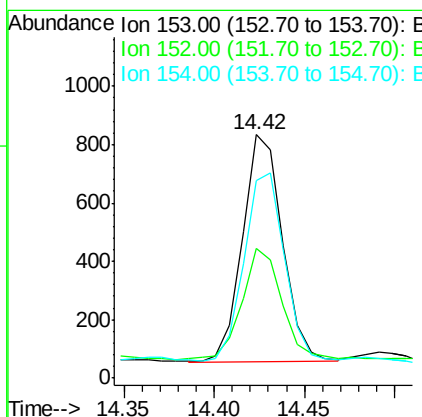
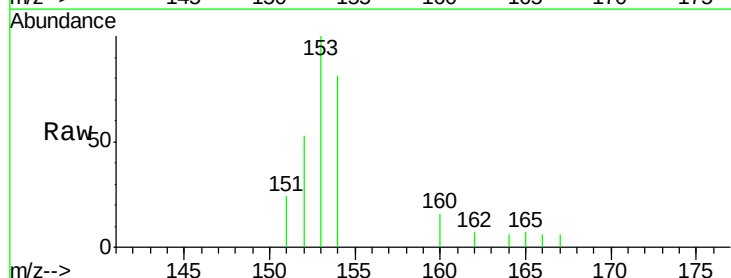
RT: 14.42 min Scan# 2148

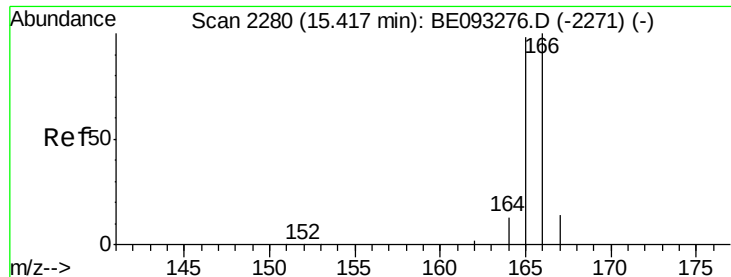
Delta R.T. -0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Tgt Ion:	153	Resp:	1202
Ion Ratio	Lower	Upper	
153	100		
152	53.4	40.3	60.5
154	81.3	71.4	107.2





#9

Fluorene

Concen: 0.061 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Instrument :

BNA_E

ClientSampleId :

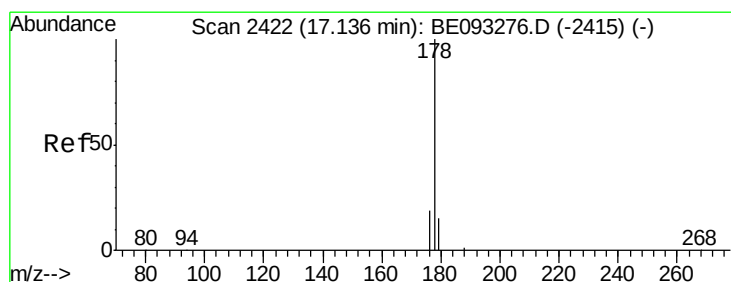
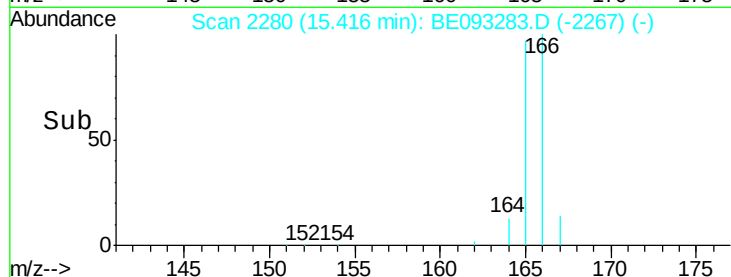
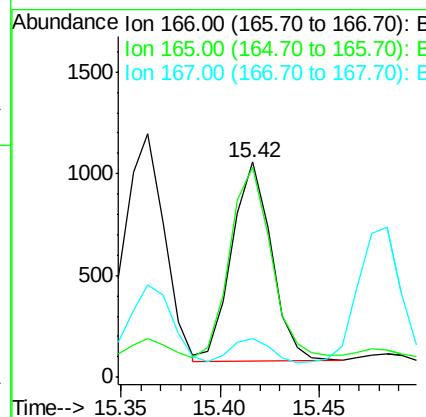
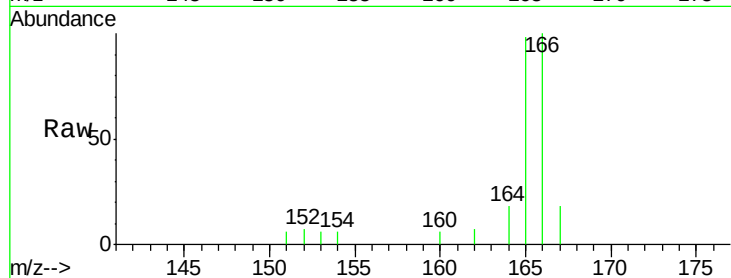
F5B07

Tgt Ion:166 Resp: 1360

Ion	Ratio	Lower	Upper
166	100		
165	97.9	73.4	110.2
167	18.3	14.6	22.0

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#12

Phenanthrene

Concen: 0.148 ng/ul

RT: 17.14 min Scan# 2422

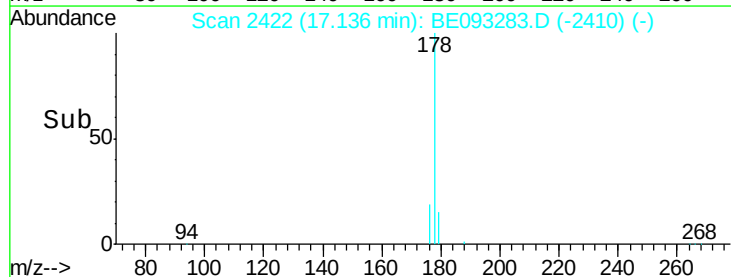
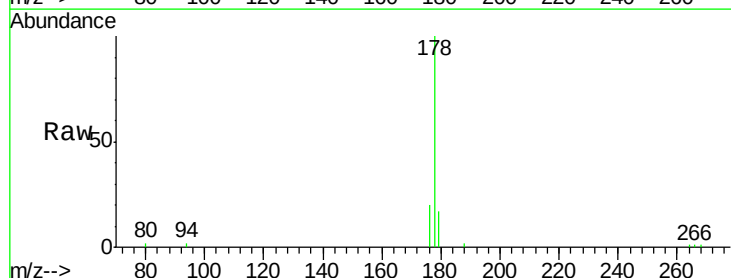
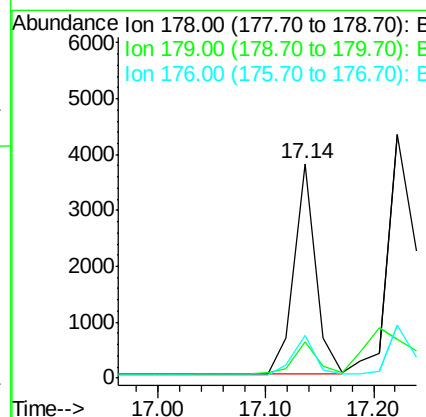
Delta R.T. -0.00 min

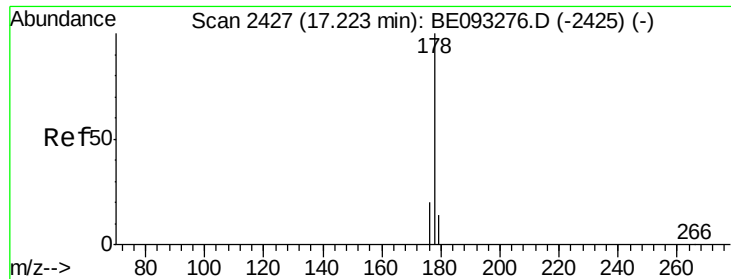
Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Tgt Ion:178 Resp: 5305

Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.4	27.6#
176	20.1	13.6	20.4





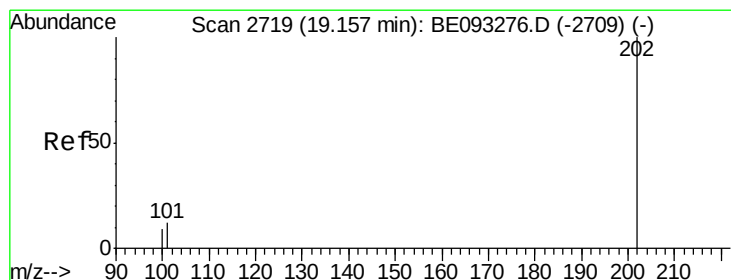
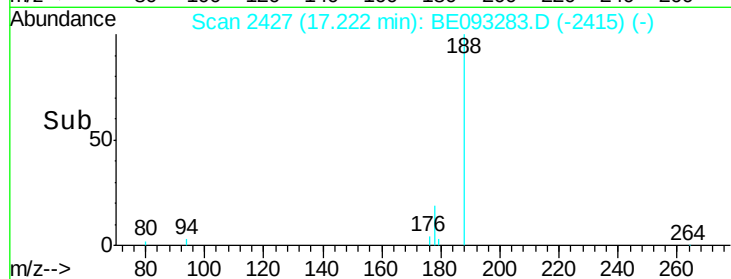
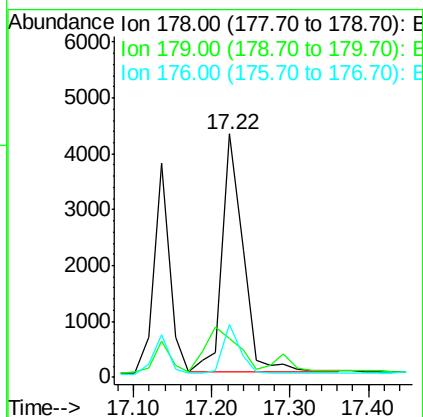
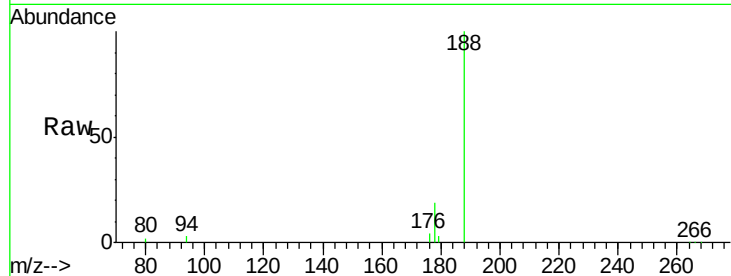
#13
 Anthracene
 Concen: 0.251 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BE093283.D
 Acq: 20 Jun 2017 16:05

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.1	27.1#
176	21.6	14.7	22.1

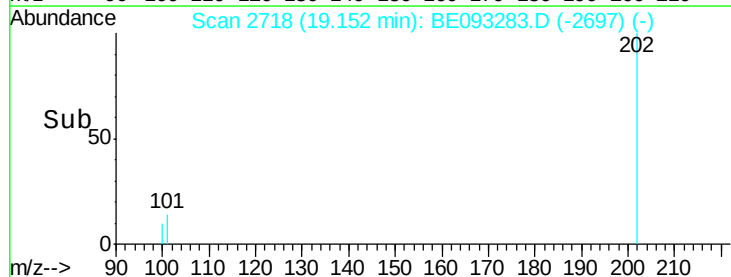
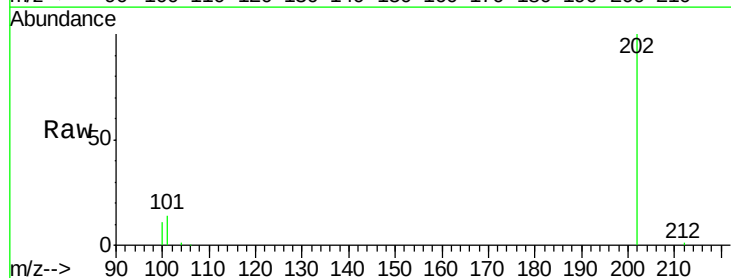
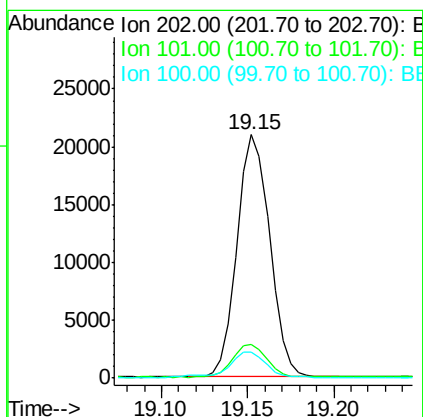
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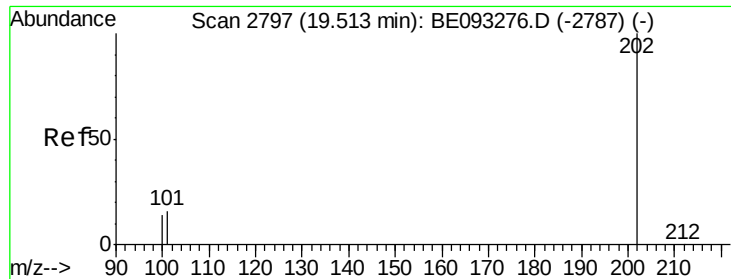
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#15
 Fluoranthene
 Concen: 0.630 ng/ul
 RT: 19.15 min Scan# 2718
 Delta R.T. -0.00 min
 Lab File: BE093283.D
 Acq: 20 Jun 2017 16:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	30.3
100	10.5	0.0	39.5





#17

Pyrene

Concen: 1.018 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Instrument :

BNA_E

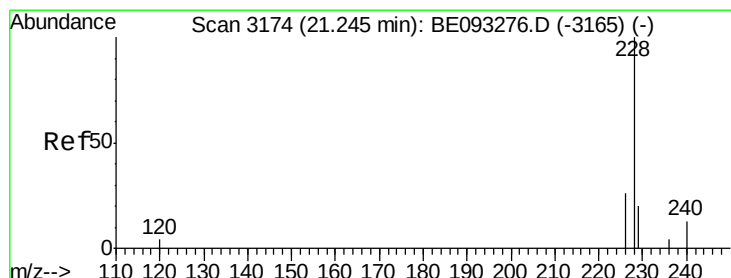
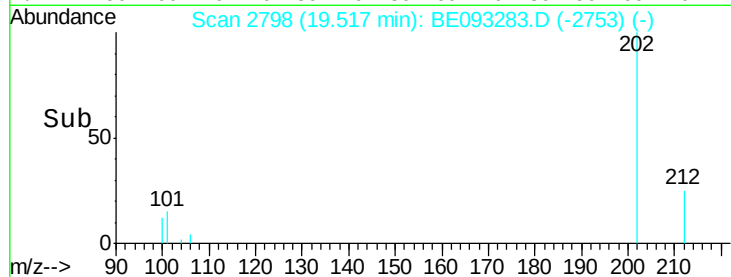
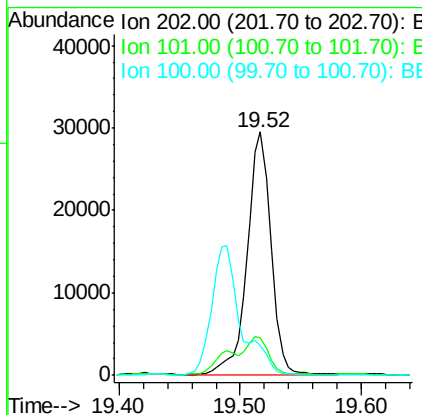
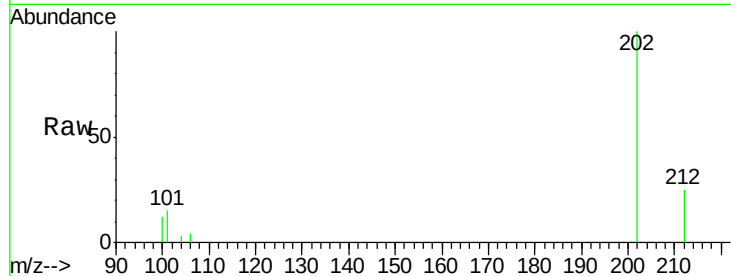
ClientSampleId :

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Tgt Ion:	202	Resp:	39730
Ion Ratio	Lower	Upper	
202	100		
101	15.3	18.2	27.4#
100	12.3	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.441 ng/ul

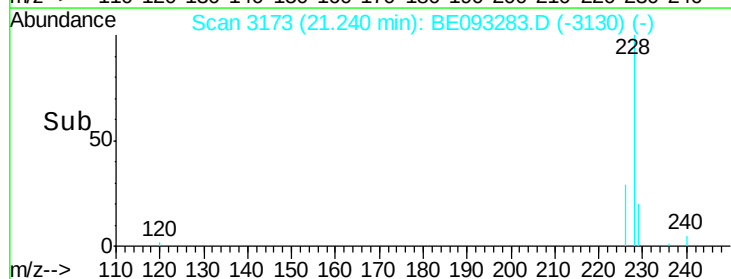
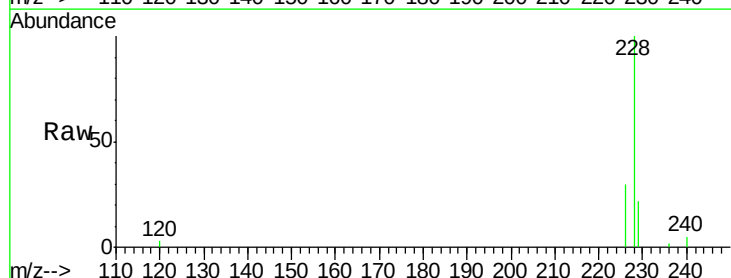
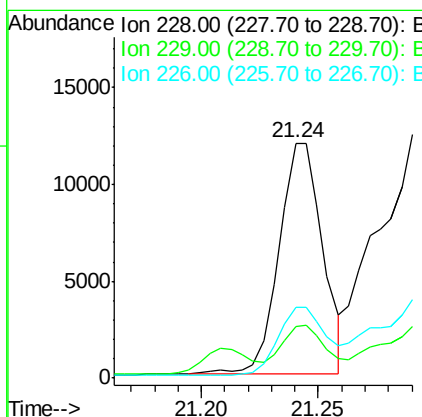
RT: 21.24 min Scan# 3173

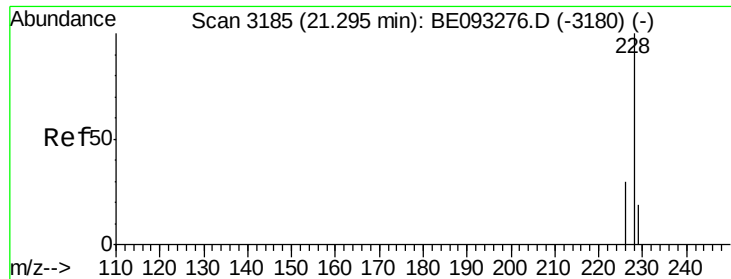
Delta R.T. -0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Tgt Ion:	228	Resp:	15547
Ion Ratio	Lower	Upper	
228	100		
229	21.8	22.8	34.2#
226	30.3	17.0	25.6#





#19

Chrysene

Concen: 0.708 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Instrument :

BNA_E

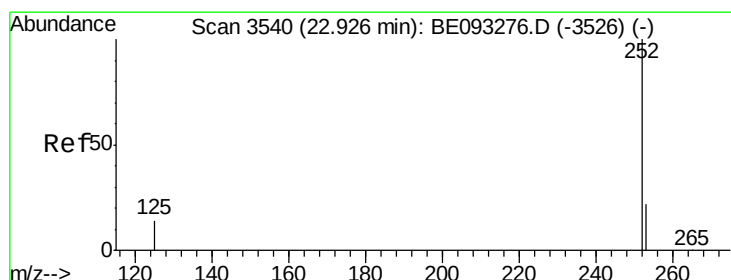
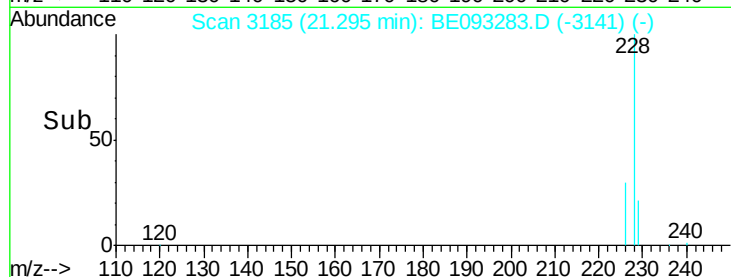
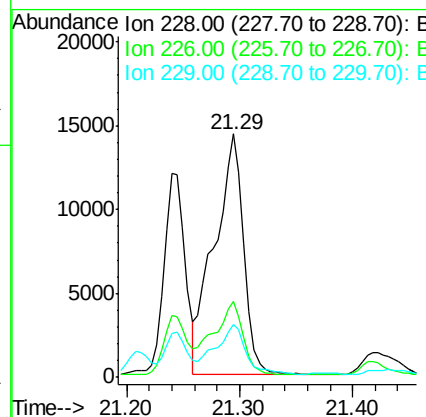
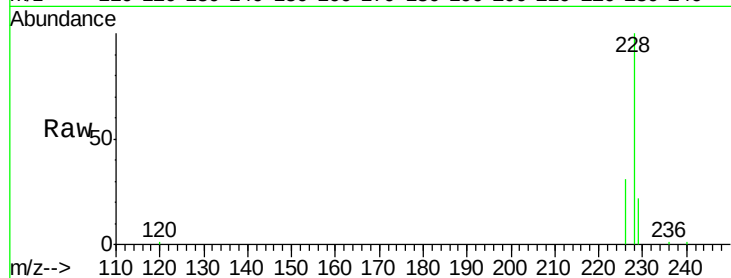
ClientSampleId :

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Tgt Ion:	228	Resp:	25911
Ion Ratio		Lower	Upper
228	100		
226	31.1	23.4	35.0
229	21.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.241 ng/ul

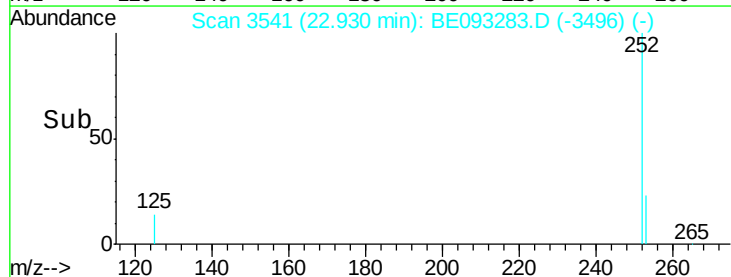
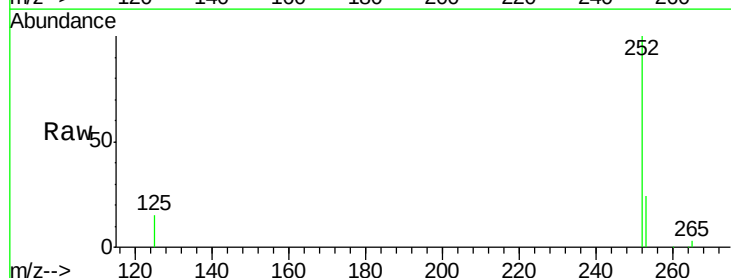
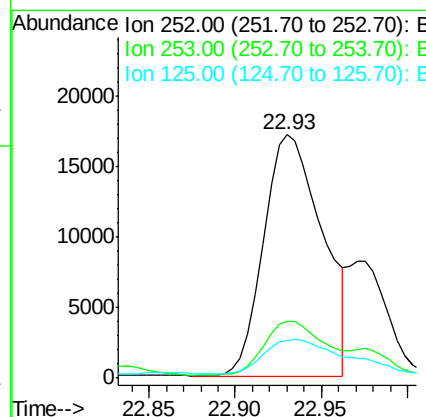
RT: 22.93 min Scan# 3541

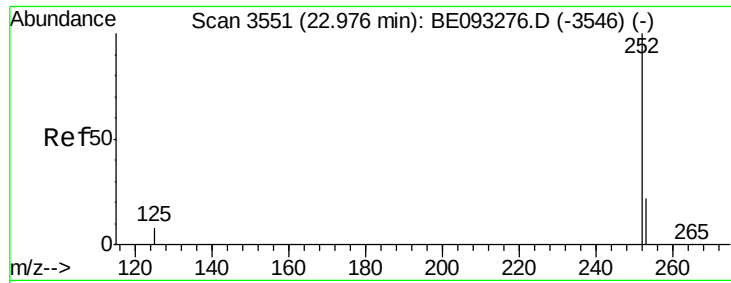
Delta R.T. 0.00 min

Lab File: BE093283.D

Acq: 20 Jun 2017 16:05

Tgt Ion:	252	Resp:	40562
Ion Ratio		Lower	Upper
252	100		
253	23.6	0.0	64.2
125	15.4	0.0	35.0





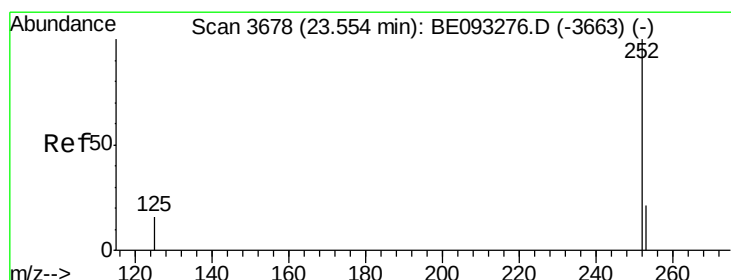
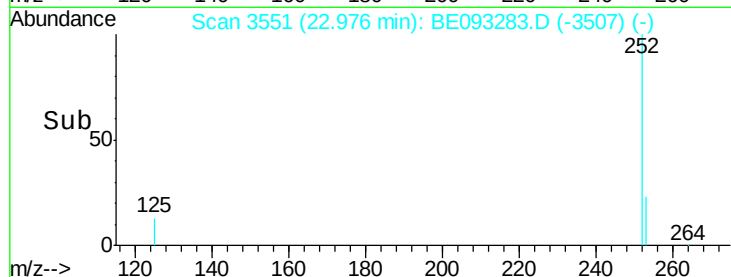
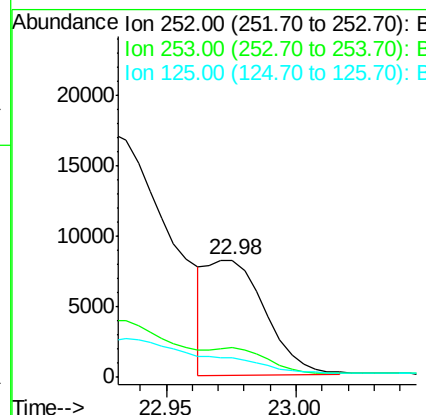
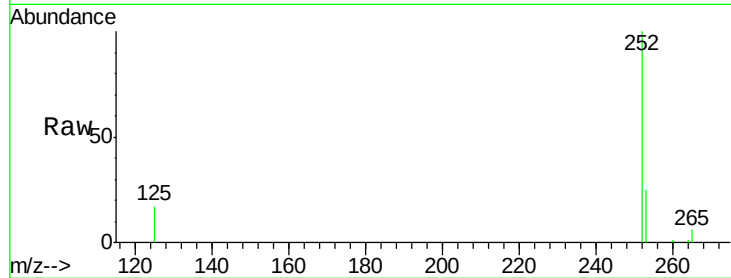
#22
Benzo(k)fluoranthene
Concen: 0.370 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BE093283.D
Acq: 20 Jun 2017 16:05

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	24.5	36.7
125	16.7	13.7	20.5

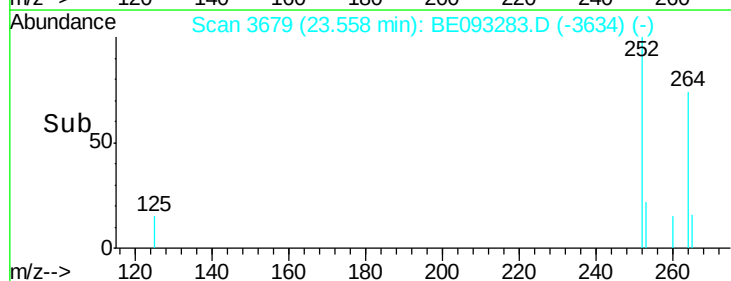
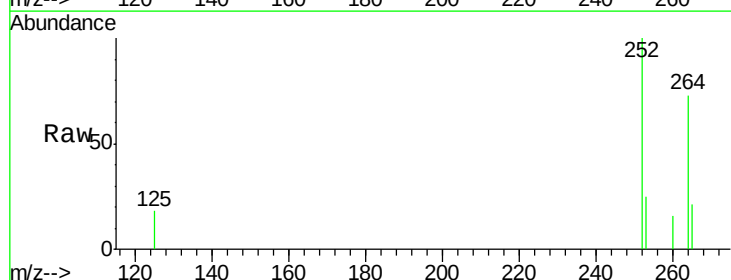
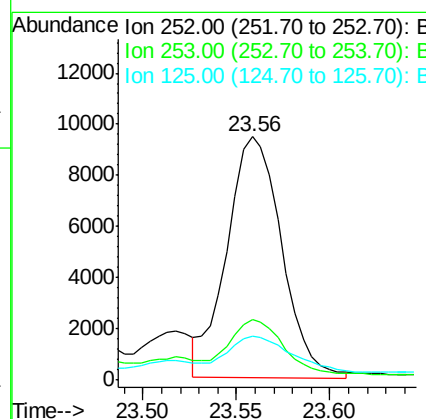
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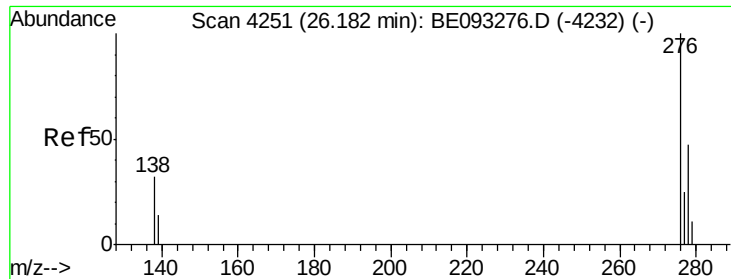
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#23
Benzo(a)pyrene
Concen: 0.621 ng/ul m
RT: 23.56 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BE093283.D
Acq: 20 Jun 2017 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	28.5	42.7#
125	18.1	18.1	27.1#





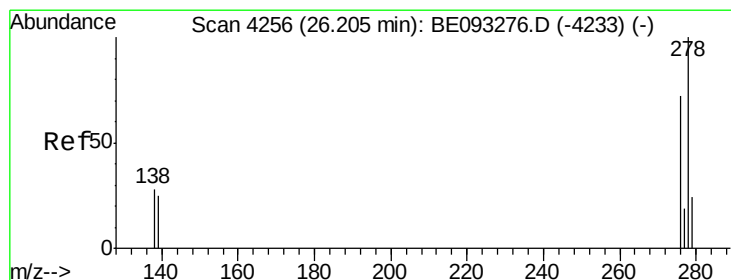
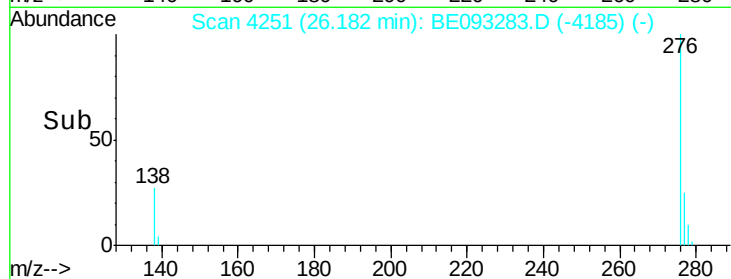
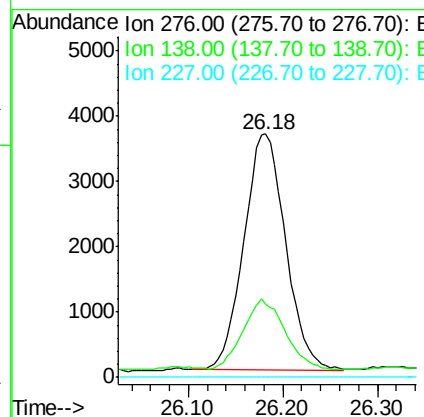
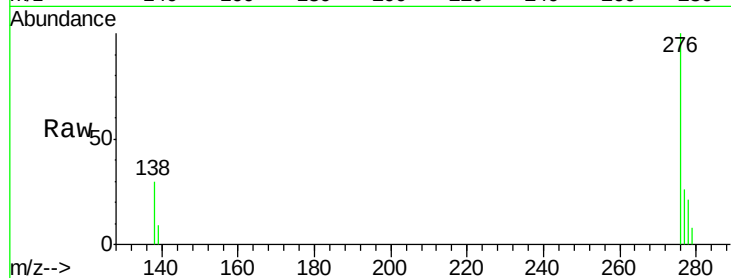
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.311 ng/ul m
 RT: 26.18 min Scan# 4251
 Delta R.T. -0.00 min
 Lab File: BE093283.D
 Acq: 20 Jun 2017 16:05

Instrument :
 BNA_E
 ClientSampleId :
 F5B07

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	3.4	28.0	42.0#
227	0.0	8.0	12.0#

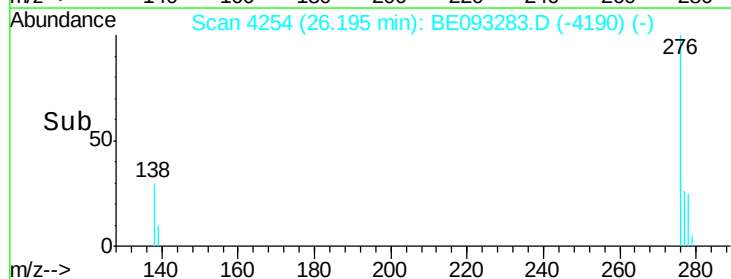
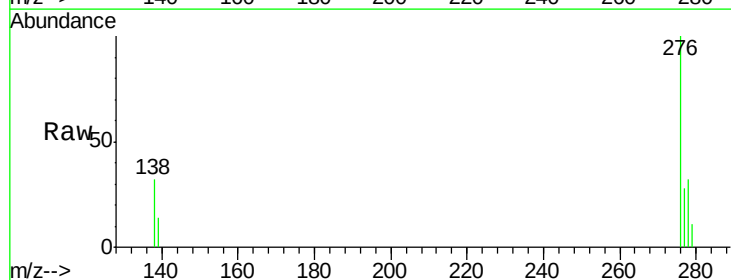
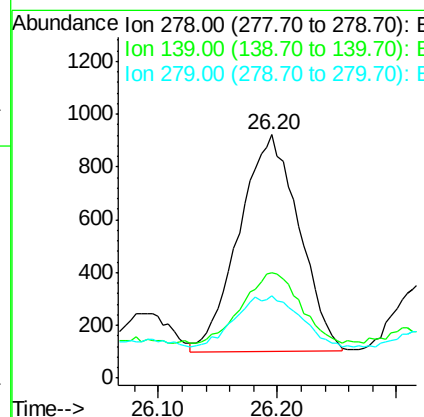
Manual Integrations
 APPROVED

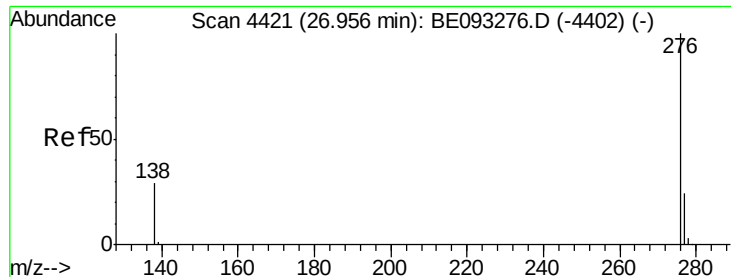
mohammad
 6/21/2017 12:18:19 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.095 ng/ul m
 RT: 26.20 min Scan# 4254
 Delta R.T. -0.01 min
 Lab File: BE093283.D
 Acq: 20 Jun 2017 16:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	43.4	17.4	26.0#
279	34.1	25.9	38.9





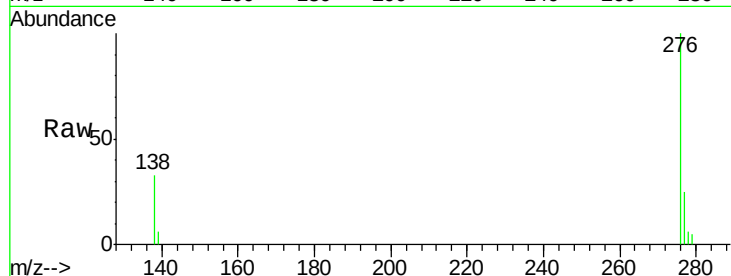
#26
 Benzo(g,h,i)perylene
 Concen: 0.236 ng/ul
 RT: 26.95 min Scan# 4420
 Delta R.T. -0.00 min
 Lab File: BE093283.D
 Acq: 20 Jun 2017 16:05

Instrument :
 BNA_E
 ClientSampleId :
 F5B07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.6	21.8	32.8
277	25.0	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 6/21/2017 12:18:19 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

