

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095802.D
 Acq On : 15 Mar 2018 14:13
 Operator : SJ/JU
 Sample : J1813-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F20

Manual Integrations
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Sohil
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Quant Time: Mar 16 01:54:43 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 01:12:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	2000	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	5761	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	3339	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	6828m	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	6314m	0.40	ng/ul	0.00
20) Perylene-d12	24.51	264	5826m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	3601	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	8416m	0.39	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.33	128	13921	0.866	ng/ul#	89
5) 2-Methylnaphthalene	12.91	142	4360	0.390	ng/ul	100
7) Acenaphthylene	14.77	152	7938	0.471	ng/ul	97
8) Acenaphthene	15.10	153	16428	1.294	ng/ul	95
9) Fluorene	16.06	166	10817	0.785	ng/ul	89
12) Phenanthrene	17.79	178	159203m	7.785	ng/ul	
13) Anthracene	17.87	178	36194m	1.893	ng/ul	
15) Fluoranthene	19.76	202	348413m	14.066	ng/ul	
17) Pyrene	20.11	202	292697m	12.208	ng/ul	
18) Benzo(a)anthracene	21.82	228	187124m	9.185	ng/ul	
19) Chrysene	21.88	228	191205	9.218	ng/ul	95
21) Benzo(b)fluoranthene	23.69	252	308479m	15.286	ng/ul	
22) Benzo(k)fluoranthene	23.73	252	79875m	4.164	ng/ul	
23) Benzo(a)pyrene	24.39	252	186205m	10.106	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.38	276	120478m	5.897	ng/ul	
25) Dibenzo(a,h)anthracene	27.38	278	29623m	1.813	ng/ul	
26) Benzo(a,h,i)perylene	28.27	276	96719m	5.511	ng/ul	

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

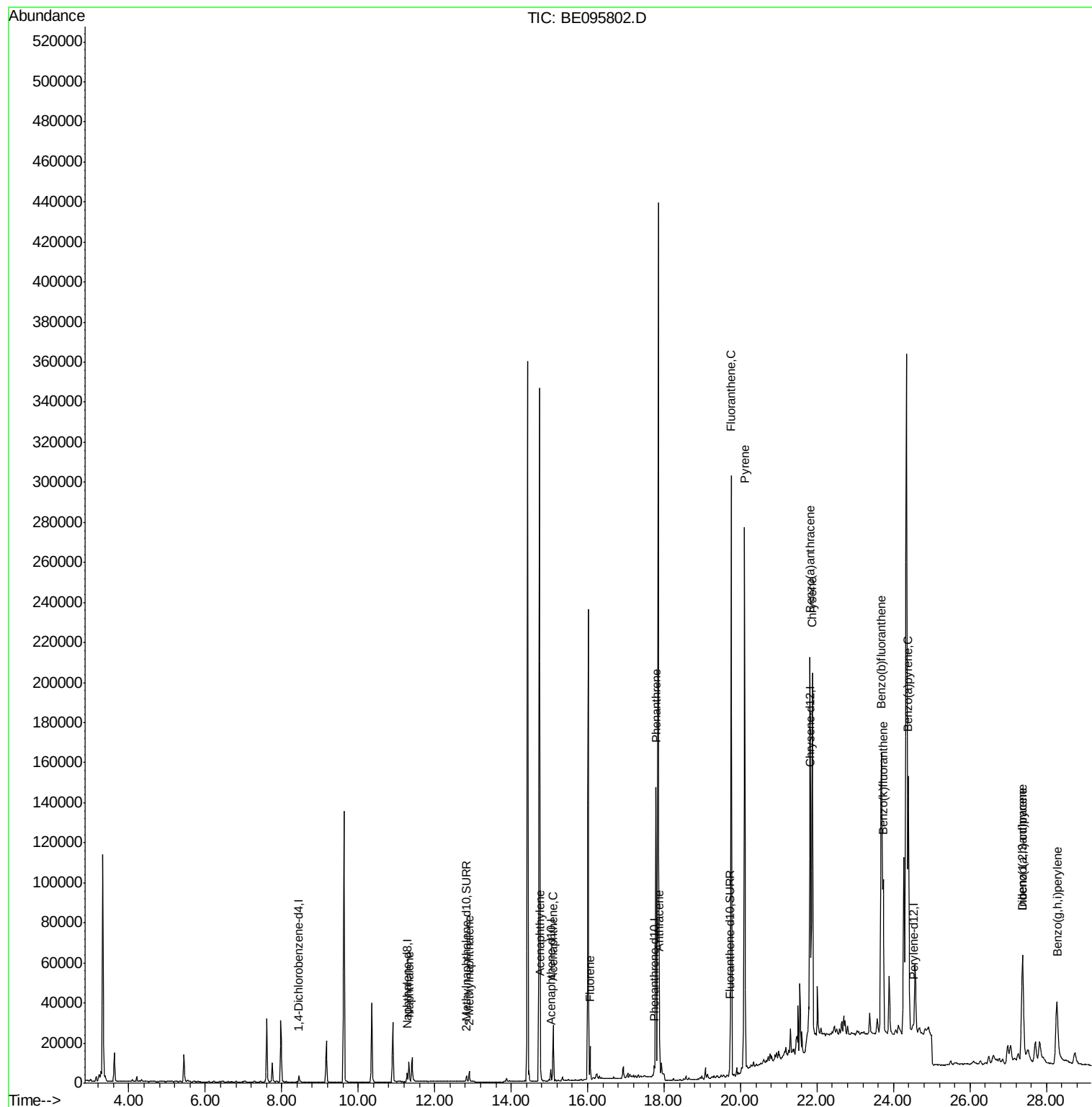
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
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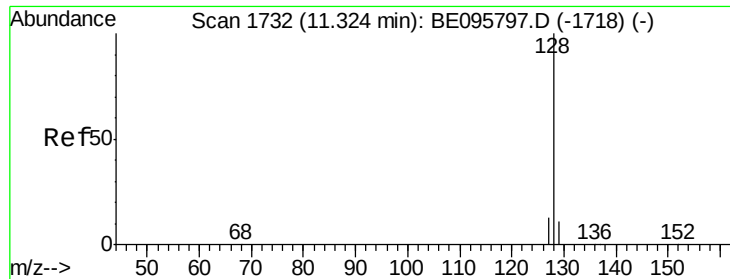
Instrument :
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#3

Naphthalene

Concen: 0.866 ng/ul

RT: 11.33 min Scan# 1733

Delta R.T. 0.01 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Instrument :

BNA_E

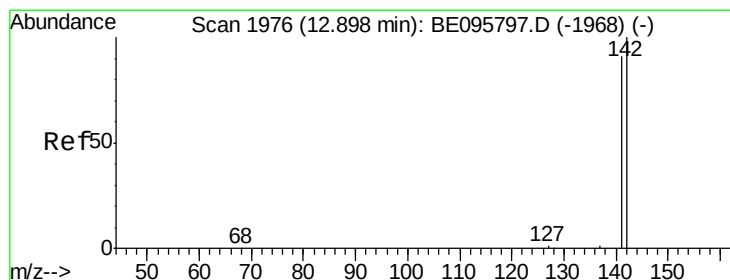
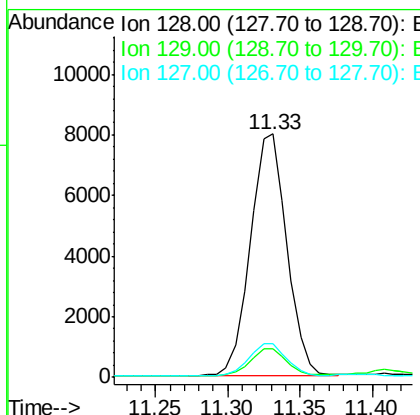
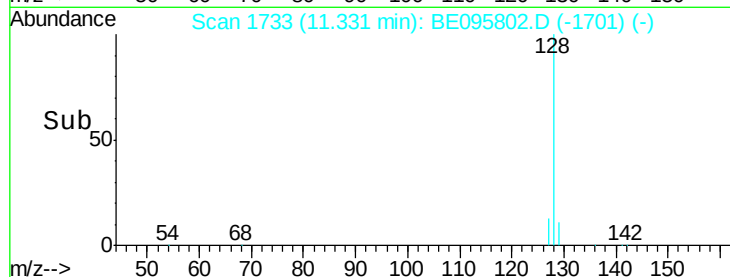
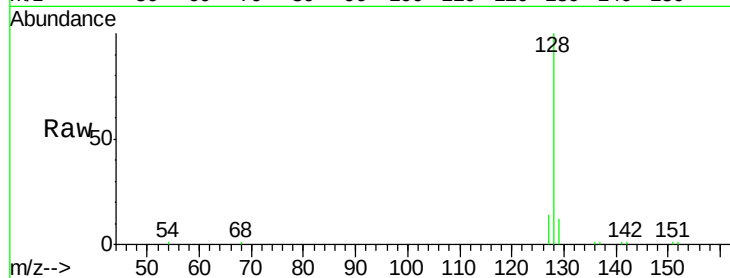
ClientSampleId :

F6F20

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.3	16.9
127	13.8	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.390 ng/ul

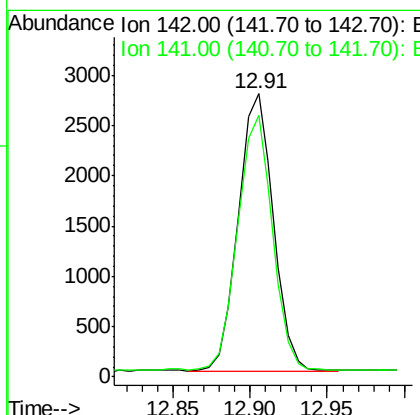
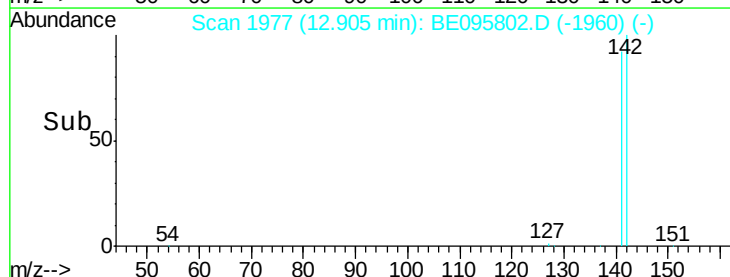
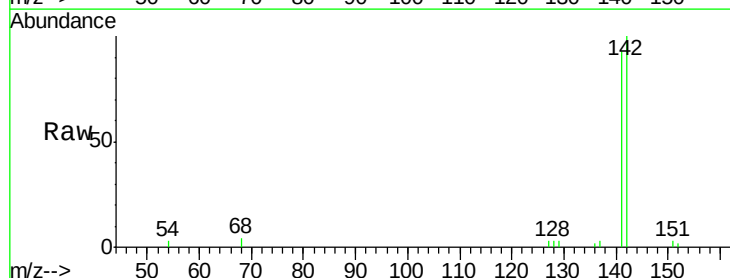
RT: 12.91 min Scan# 1977

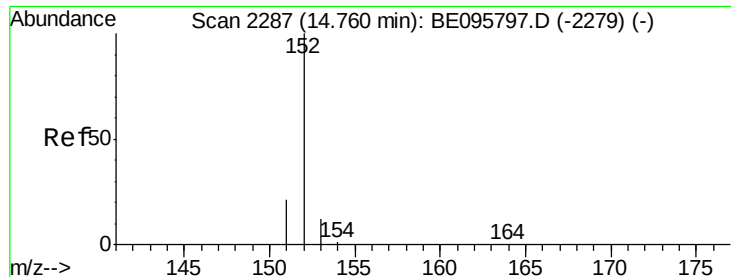
Delta R.T. 0.01 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.471 ng/ul

RT: 14.77 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Instrument :

BNA_E

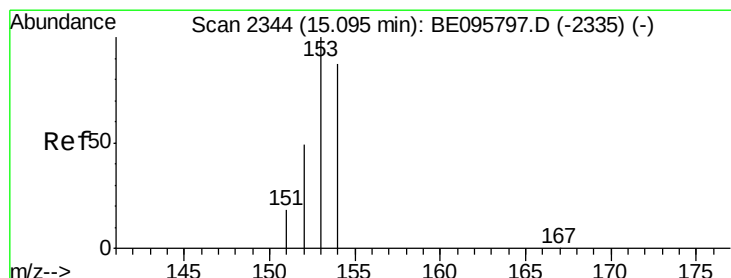
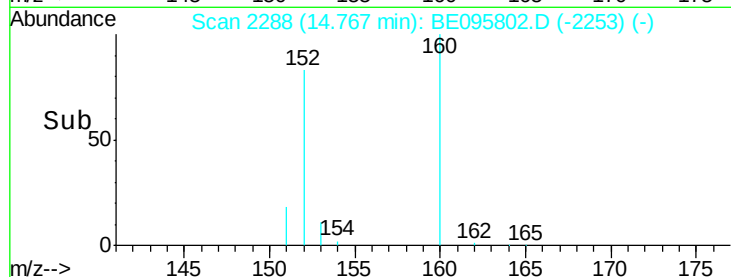
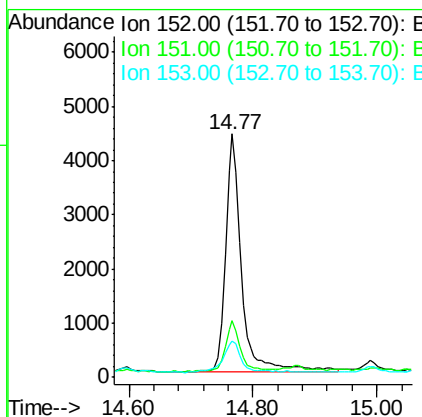
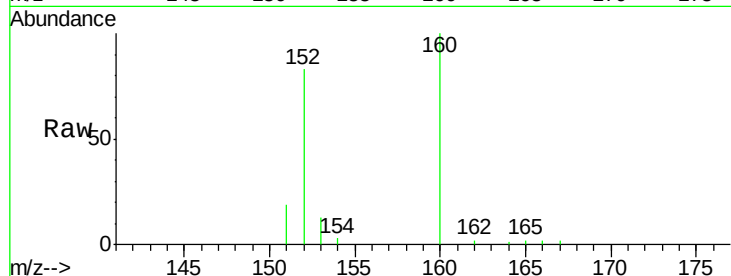
ClientSampleId :

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Tot Ion:	152	Resp:	7938
Ion Ratio	Lower	Upper	
152	100		
151	23.3	17.1	25.7
153	15.0	12.8	19.2

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#8

Acenaphthene

Concen: 1.294 ng/ul

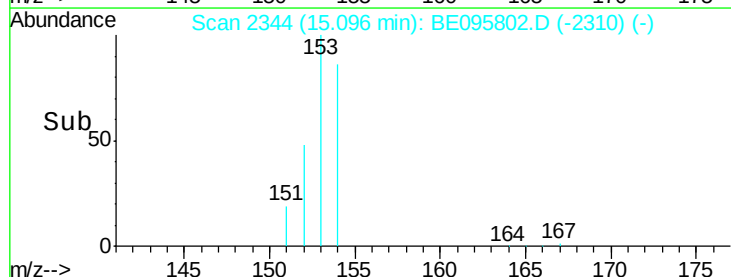
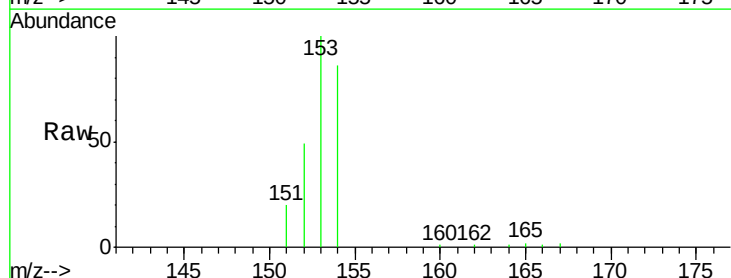
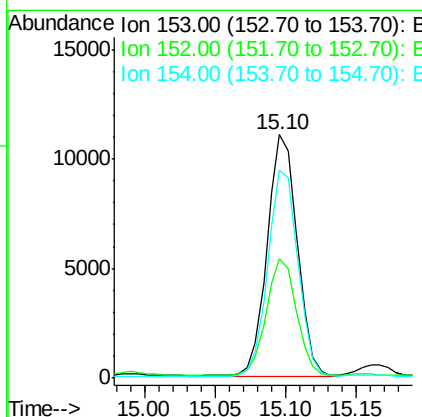
RT: 15.10 min Scan# 2344

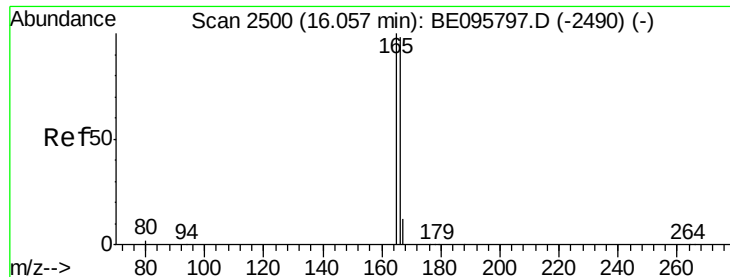
Delta R.T. 0.00 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Tgt Ion:	153	Resp:	16428
Ion Ratio	Lower	Upper	
153	100		
152	49.3	36.0	54.0
154	85.6	72.0	108.0





#9

Fluorene

Concen: 0.785 ng/ul

RT: 16.06 min Scan# 2501

Delta R.T. 0.01 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Instrument :

BNA_E

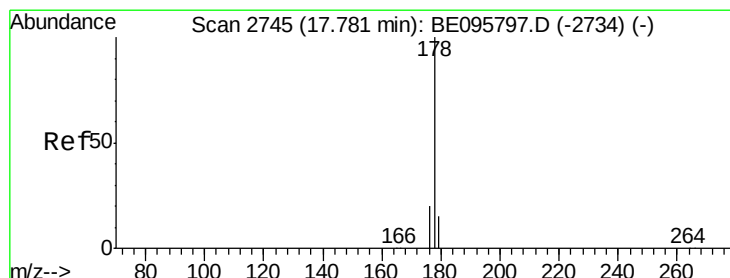
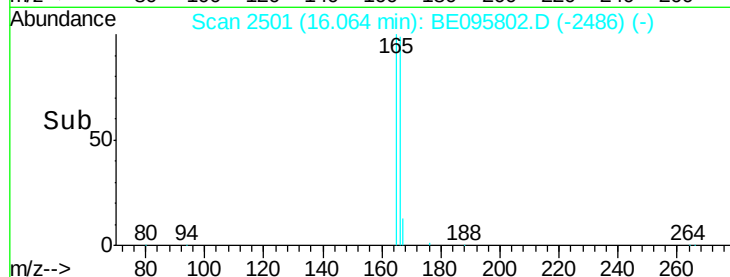
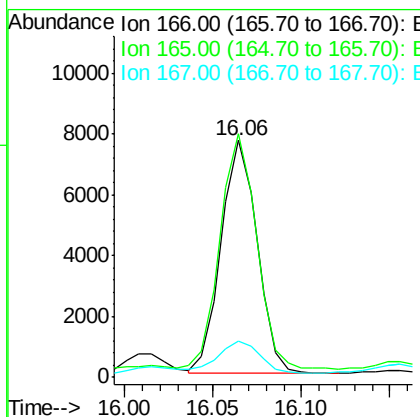
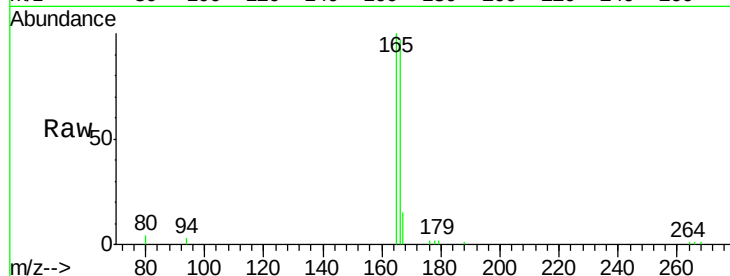
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Tot Ion:	166	Resp:	10817
Ion Ratio	Lower	Upper	
166	100		
165	102.8	73.4	110.2
167	15.4	14.6	22.0

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#12

Phenanthrene

Concen: 7.785 ng/ul m

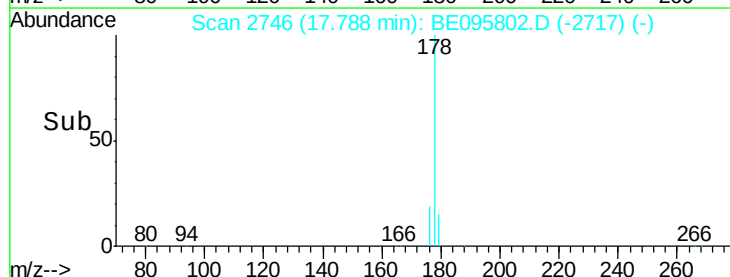
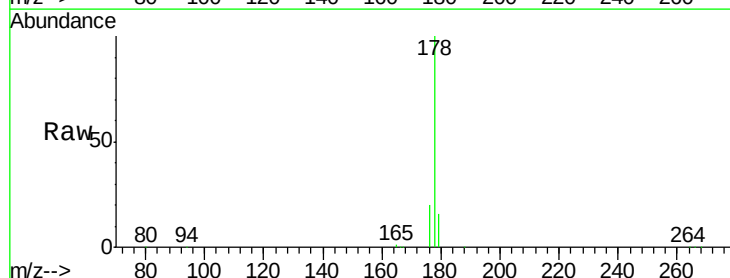
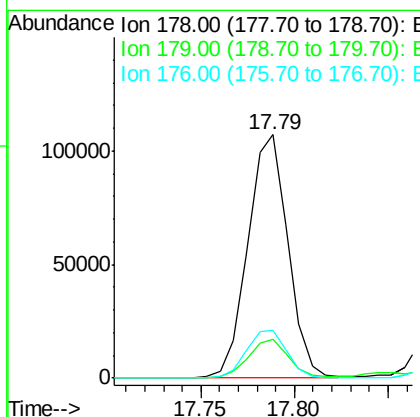
RT: 17.79 min Scan# 2746

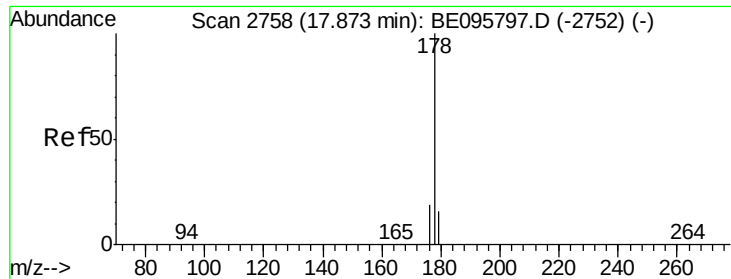
Delta R.T. 0.01 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Tgt Ion:	178	Resp:	159203
Ion Ratio	Lower	Upper	
178	100		
179	15.8	18.4	27.6#
176	19.6	13.6	20.4





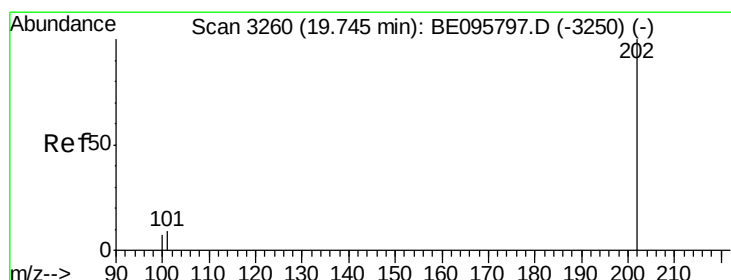
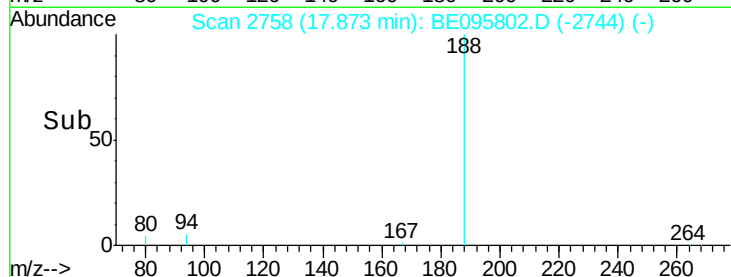
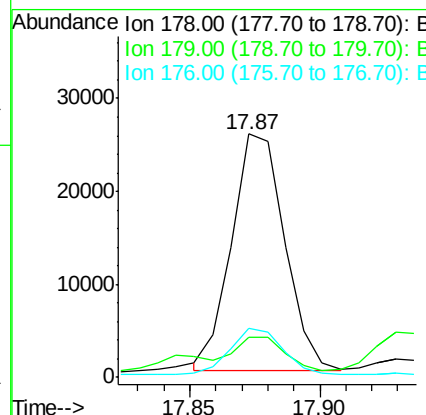
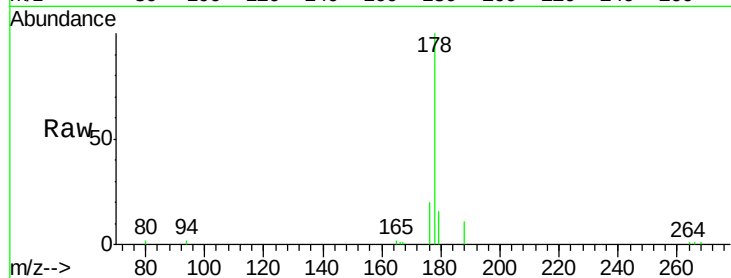
#13
 Anthracene
 Concen: 1.893 ng/ul m
 RT: 17.87 min Scan# 2758
 Delta R.T. -0.00 min
 Lab File: BE095802.D
 Acq: 15 Mar 2018 14:13

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.1	27.1#
176	20.1	14.7	22.1

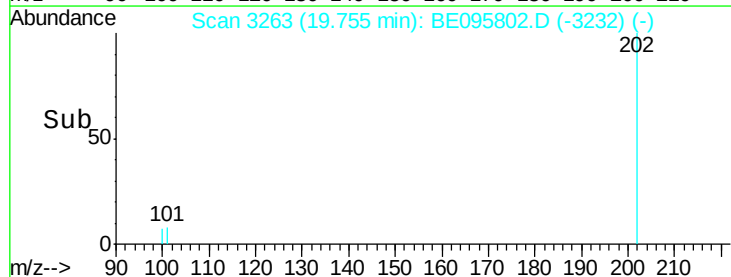
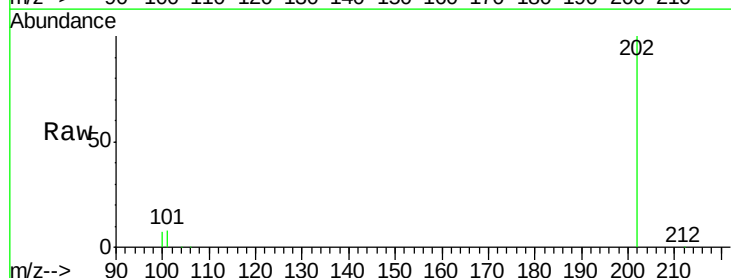
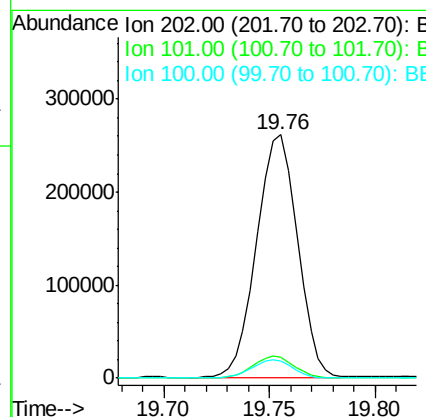
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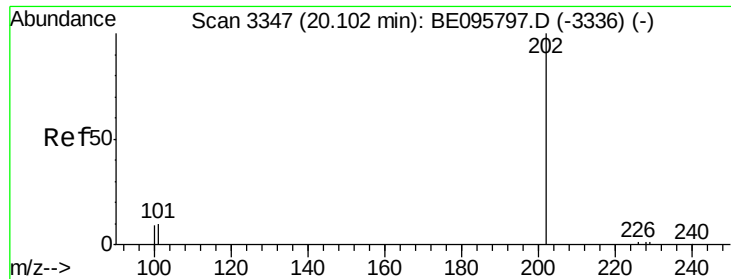
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#15
 Fluoranthene
 Concen: 14.066 ng/ul m
 RT: 19.76 min Scan# 3263
 Delta R.T. 0.01 min
 Lab File: BE095802.D
 Acq: 15 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.3
100	6.8	0.0	39.5





#17

Pvrene

Concen: 12.208 ng/ul m

RT: 20.11 min Scan# 3349

Delta R.T. 0.01 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Instrument :

BNA_E

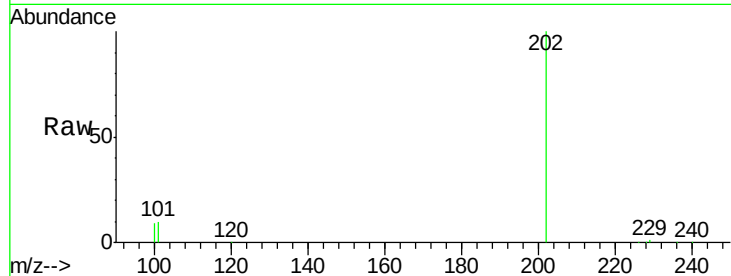
ClientSampleId :

F6F20

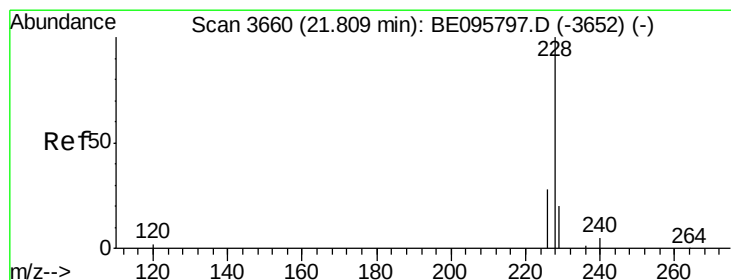
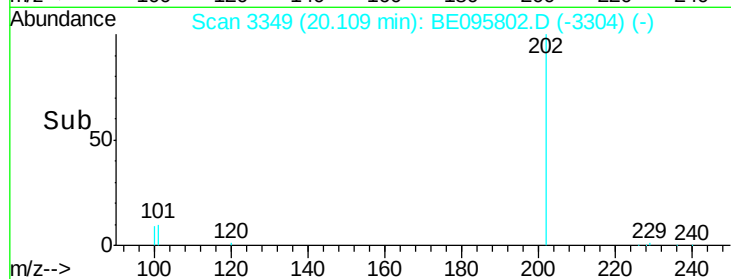
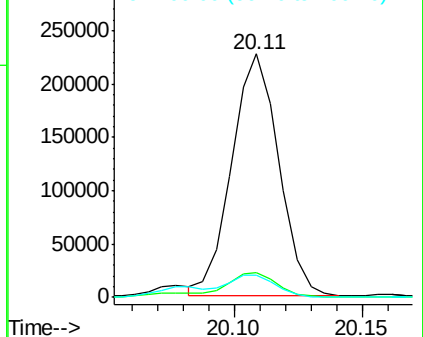
Tot Ion:	202	Resp:	292697
Ion Ratio	Lower	Upper	
202	100		
101	10.1	18.2	27.4#
100	9.0	15.6	23.4#

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 9.185 ng/ul m

RT: 21.82 min Scan# 3663

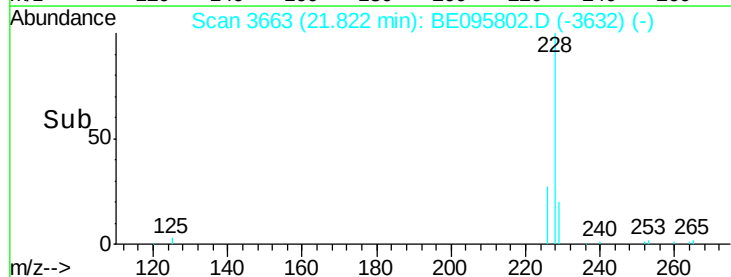
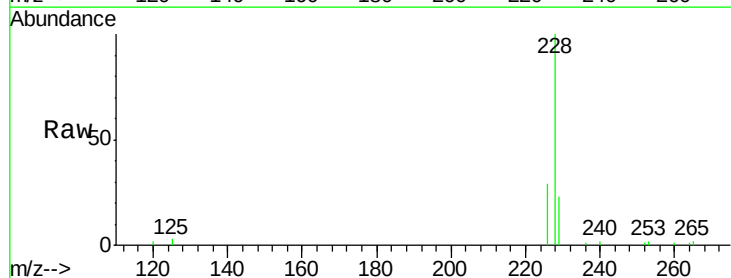
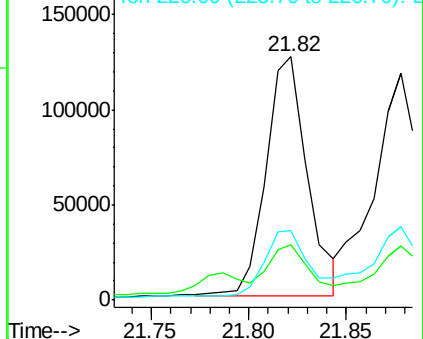
Delta R.T. 0.01 min

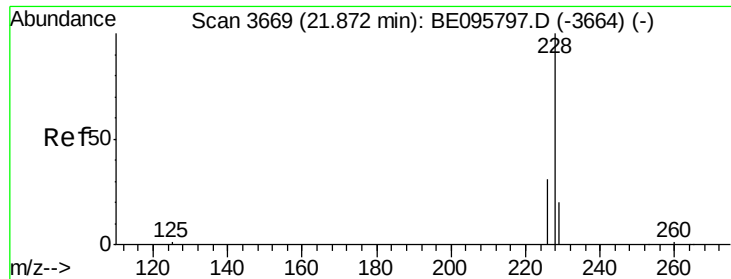
Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Tgt Ion:	228	Resp:	187124
Ion Ratio	Lower	Upper	
228	100		
229	22.5	22.8	34.2#
226	28.7	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 9.218 ng/ul

RT: 21.88 min Scan# 3671

Delta R.T. 0.01 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Instrument :

BNA_E

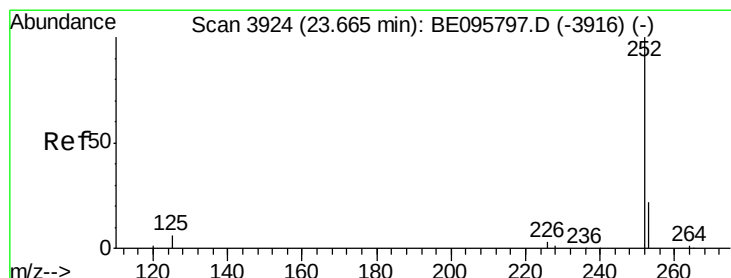
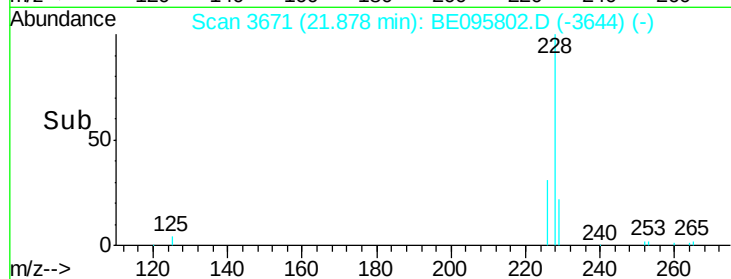
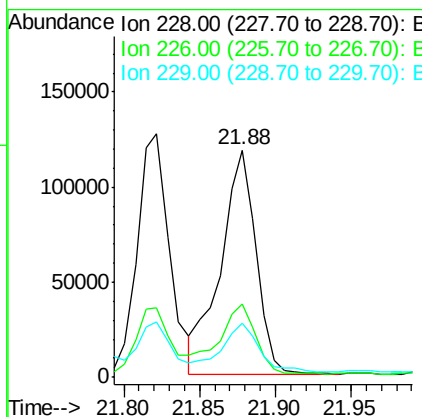
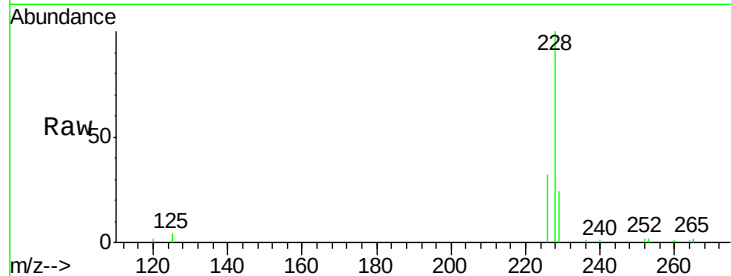
ClientSampled :

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Tot Ion:	228	Resp:	191205
Ion Ratio		Lower	Upper
228	100		
226	32.2	23.4	35.0
229	23.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 15.286 ng/ul m

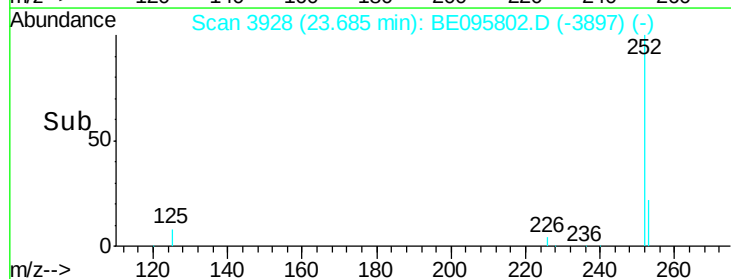
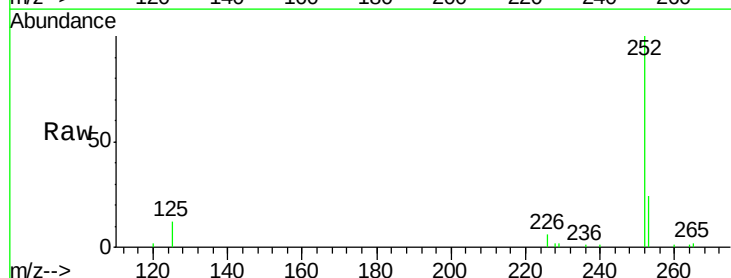
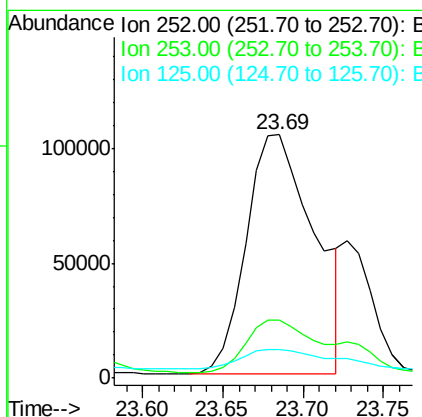
RT: 23.69 min Scan# 3928

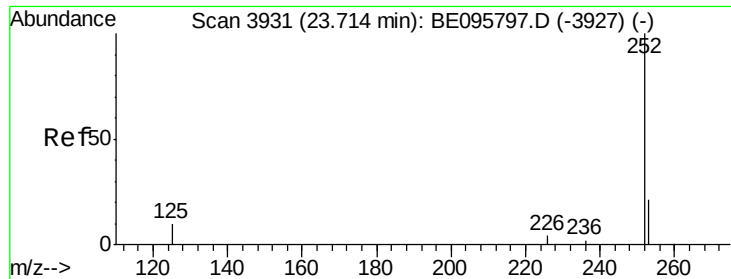
Delta R.T. 0.02 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Tgt Ion:	252	Resp:	308479
Ion Ratio		Lower	Upper
252	100		
253	24.0	0.0	64.2
125	11.9	0.0	35.0





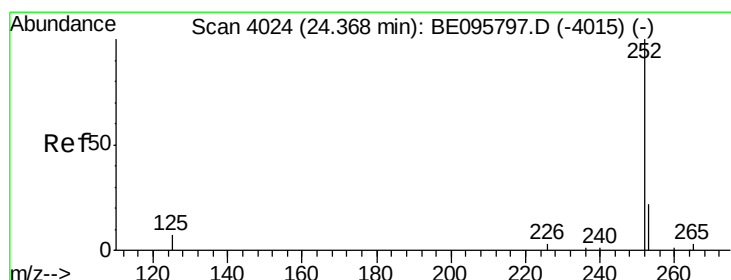
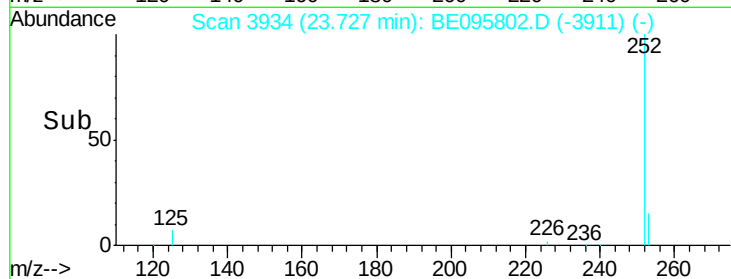
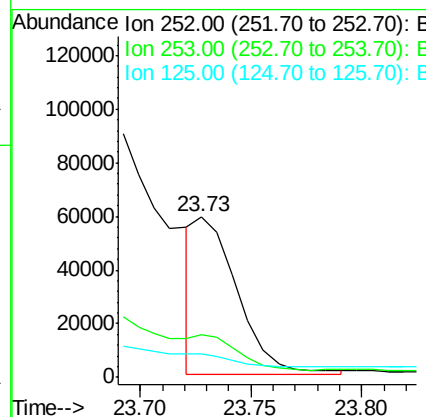
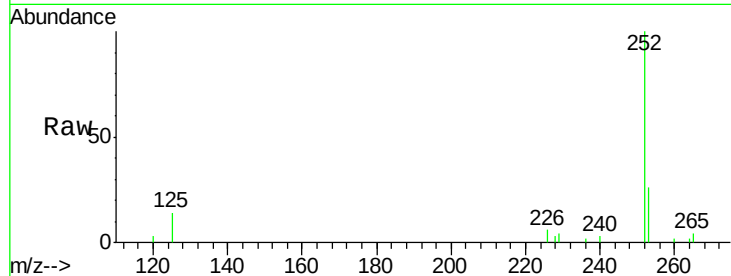
#22
Benzo(k)fluoranthene
Concen: 4.164 ng/ul m
RT: 23.73 min Scan# 3934
Delta R.T. 0.01 min
Lab File: BE095802.D
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Instrument :
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F6F20

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	24.5	36.7
125	14.3	13.7	20.5

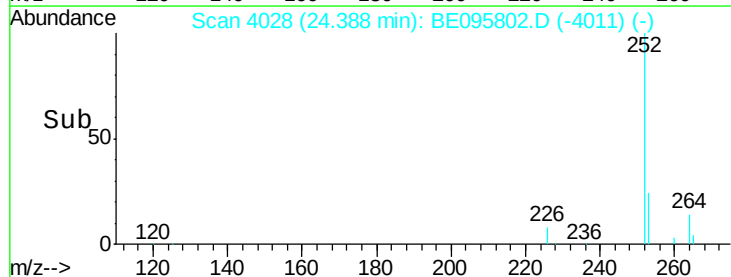
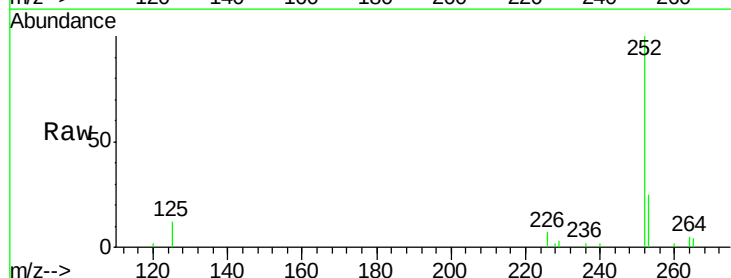
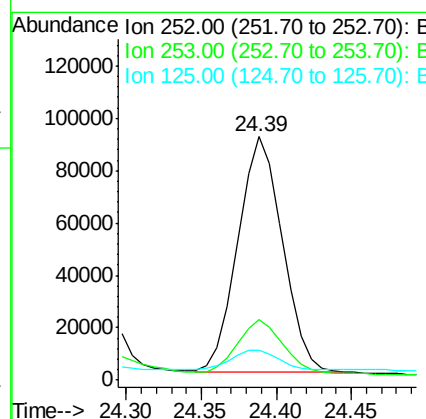
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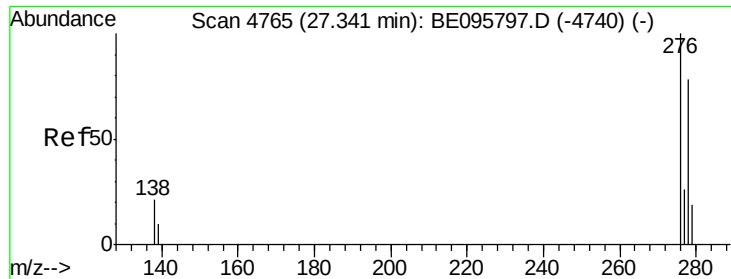
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#23
Benzo(a)pyrene
Concen: 10.106 ng/ul m
RT: 24.39 min Scan# 4028
Delta R.T. 0.02 min
Lab File: BE095802.D
Acq: 15 Mar 2018 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	28.5	42.7#
125	12.2	18.1	27.1#





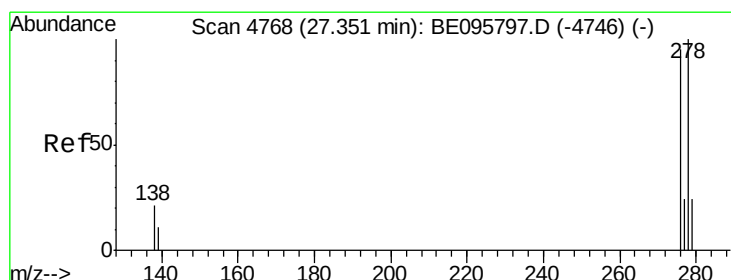
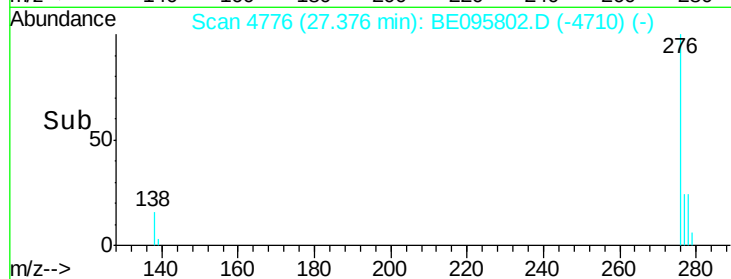
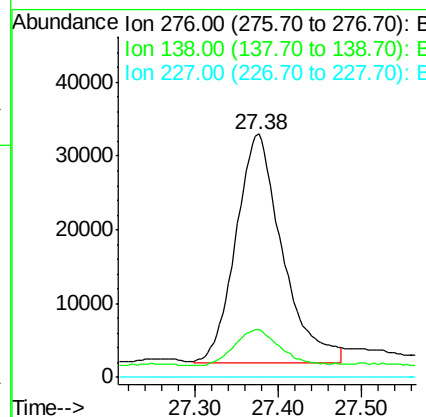
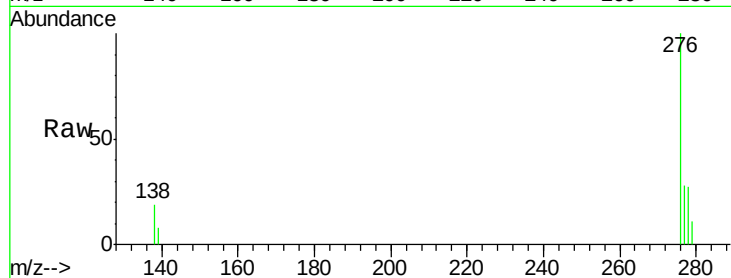
#24
Indeno(1,2,3-cd)pyrene
Concen: 5.897 ng/ul m
RT: 27.38 min Scan# 4776
Delta R.T. 0.03 min
Lab File: BE095802.D
Acq: 15 Mar 2018 14:13

Instrument :
BNA_E
ClientSampleId :
F6F20

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	1.6	28.0	42.0#
227	0.0	8.0	12.0#

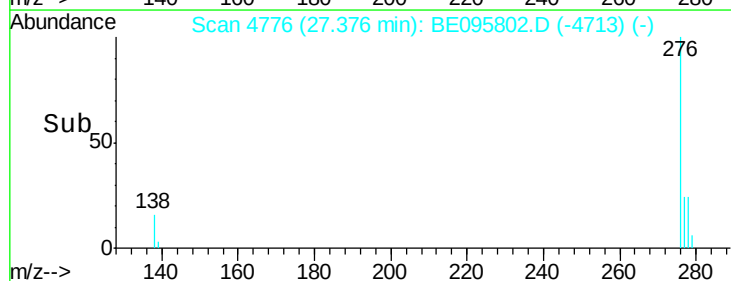
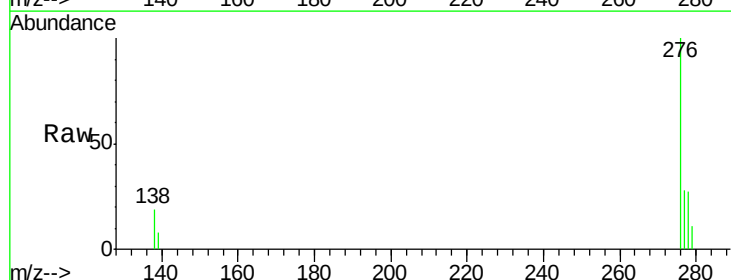
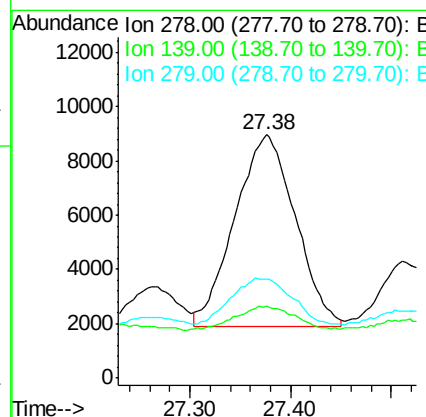
Manual Integrations
APPROVED

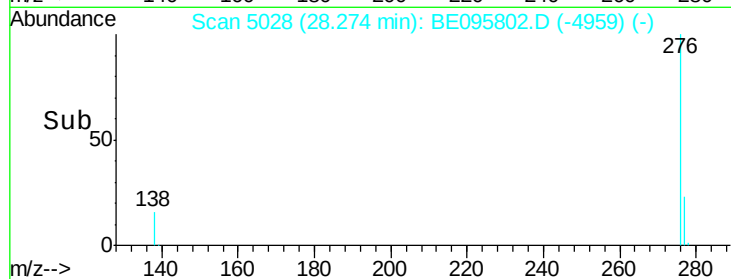
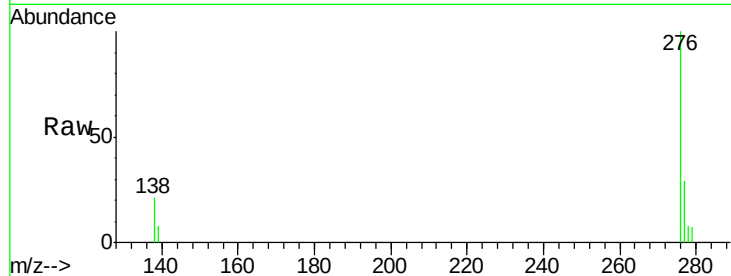
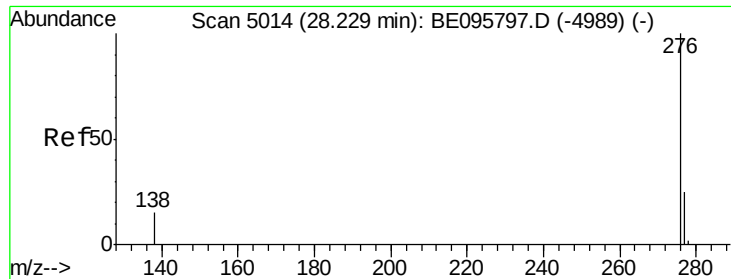
Sohil
3/16/2018 12:00:59 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.813 ng/ul m
RT: 27.38 min Scan# 4776
Delta R.T. 0.02 min
Lab File: BE095802.D
Acq: 15 Mar 2018 14:13

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	29.7	17.4	26.0#
279	40.6	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 5.511 ng/ul m

RT: 28.27 min Scan# 5028

Delta R.T. 0.05 min

Lab File: BE095802.D

Acq: 15 Mar 2018 14:13

Instrument :

BNA_E

ClientSampleId :

F6F20

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	21.8	32.8#
277	28.7	20.5	30.7

Manual Integrations
APPROVED

Sohil
3/16/2018 12:00:59 PM

