

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095801.D
 Acq On : 15 Mar 2018 13:38
 Operator : SJ/JU
 Sample : J1813-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F21

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:00:56 PM

Quant Time: Mar 16 01:45:45 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	2149	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	6235	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	3497	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	7285m	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	6747m	0.40	ng/ul	0.01
20) Perylene-d12	24.51	264	7037m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	3484	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	8072m	0.35	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.33	128	82358	4.732	ng/ul#	88
5) 2-Methylnaphthalene	12.91	142	22362	1.848	ng/ul	100
7) Acenaphthylene	14.77	152	16965	0.961	ng/ul	99
8) Acenaphthene	15.10	153	82703	6.219	ng/ul	94
9) Fluorene	16.06	166	59242	4.106	ng/ul#	92
12) Phenanthrene	17.79	178	633899m	29.055	ng/ul	
13) Anthracene	17.87	178	168574m	8.264	ng/ul	
15) Fluoranthene	19.76	202	977689m	36.994	ng/ul	
17) Pyrene	20.11	202	787967m	30.757	ng/ul	
18) Benzo(a)anthracene	21.82	228	586057m	26.921	ng/ul	
19) Chrysene	21.88	228	539696m	24.348	ng/ul	
21) Benzo(b)fluoranthene	23.69	252	779022m	31.959	ng/ul	
22) Benzo(k)fluoranthene	23.73	252	238053m	10.273	ng/ul	
23) Benzo(a)pyrene	24.40	252	530446m	23.835	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.38	276	320803m	13.000	ng/ul	
25) Dibenzo(a,h)anthracene	27.38	278	80149	4.062	ng/ul	97
26) Benzo(a,h,i)perylene	28.29	276	283602	13.378	ng/ul#	91

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

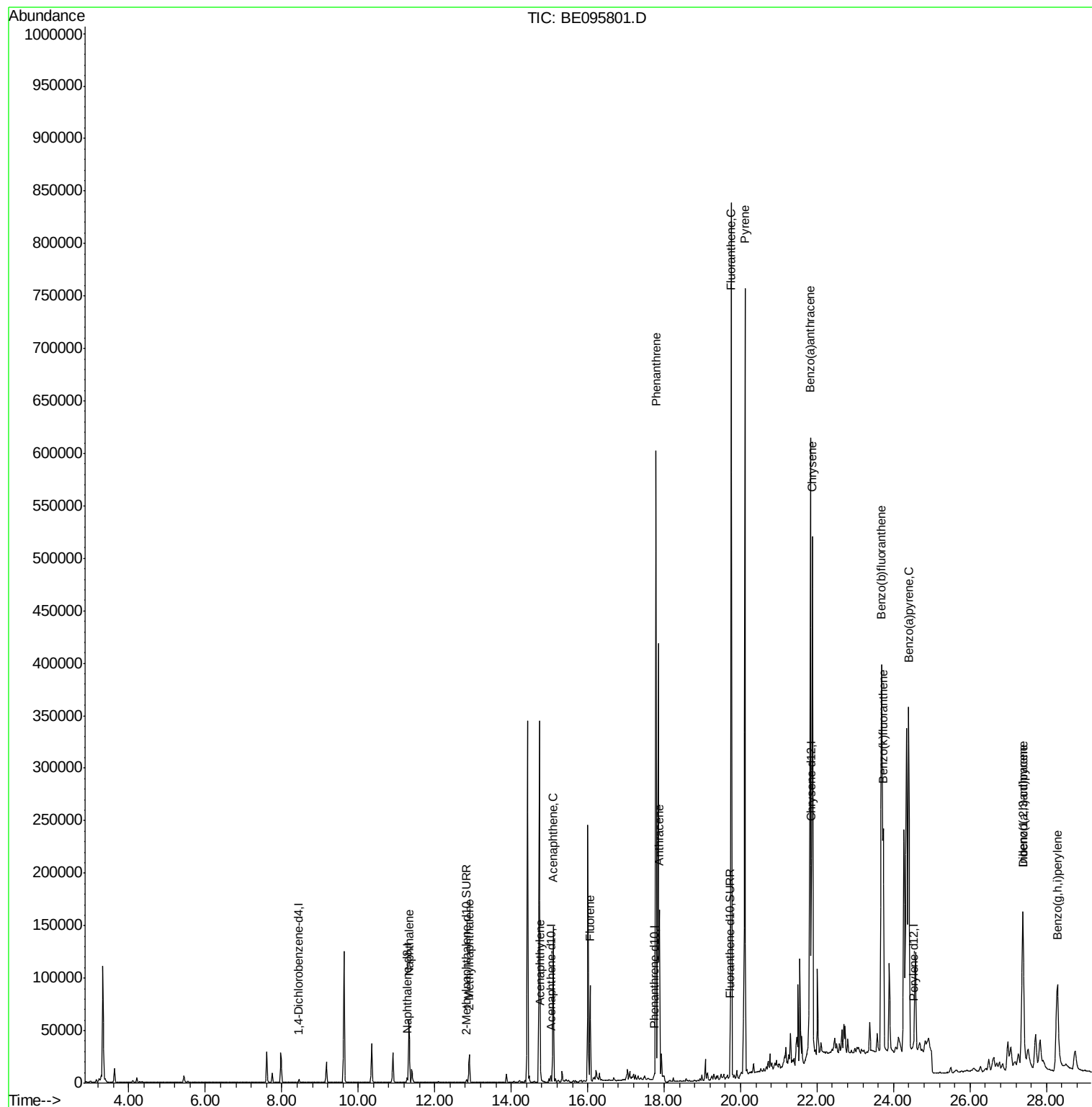
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
Data File : BE095801.D
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Sample : J1813-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

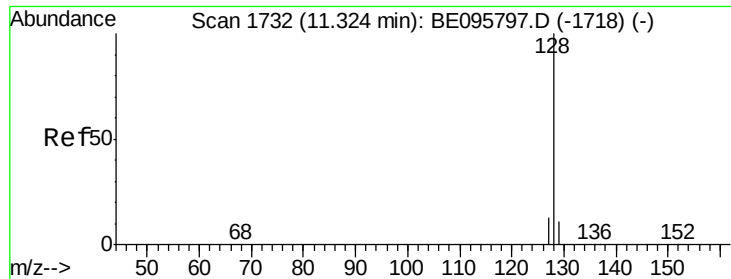
Instrument :
BNA_E
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F6F21

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
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#3

Naphthalene

Concen: 4.732 ng/ul

RT: 11.33 min Scan# 1734

Delta R.T. 0.01 min

Lab File: BE095801.D

Acq: 15 Mar 2018 13:38

Instrument :

BNA_E

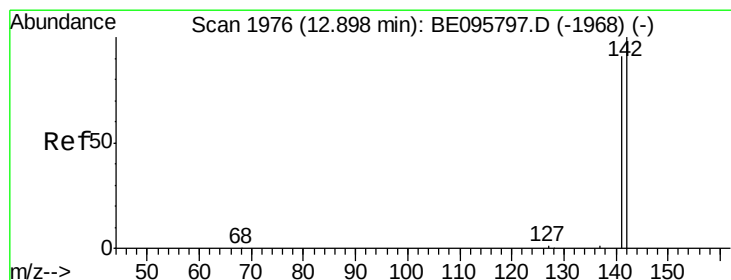
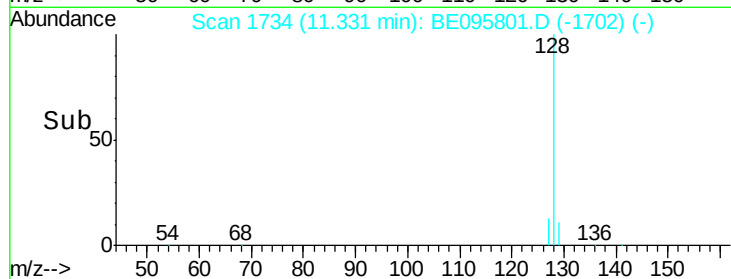
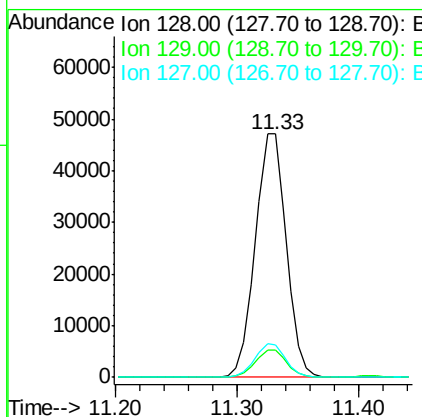
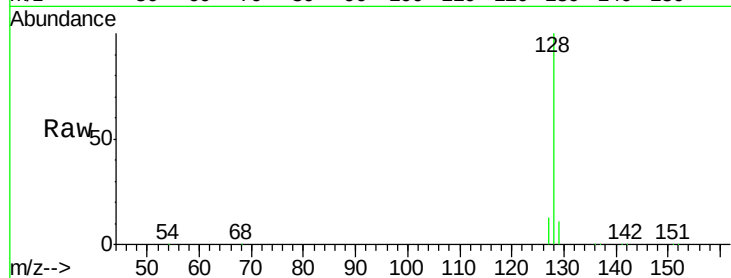
ClientSampleId :

F6F21

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	13.2	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 1.848 ng/ul

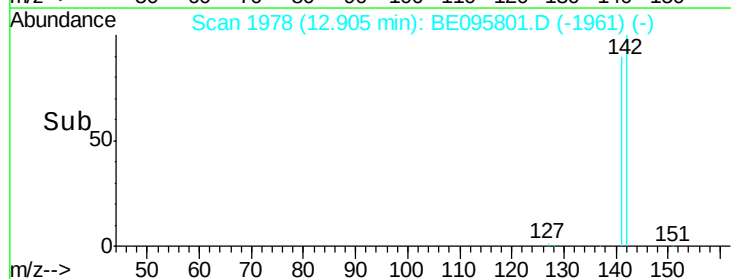
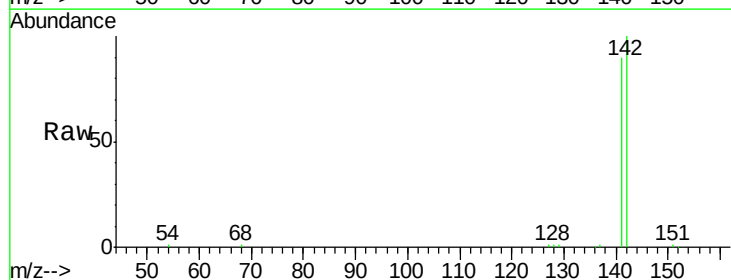
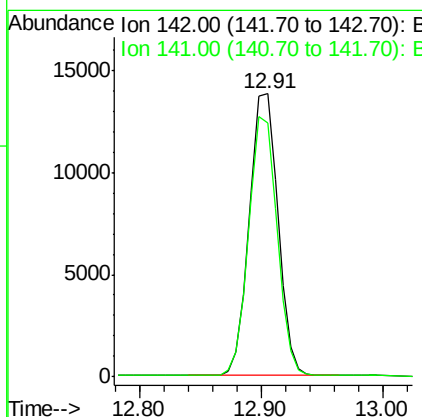
RT: 12.91 min Scan# 1978

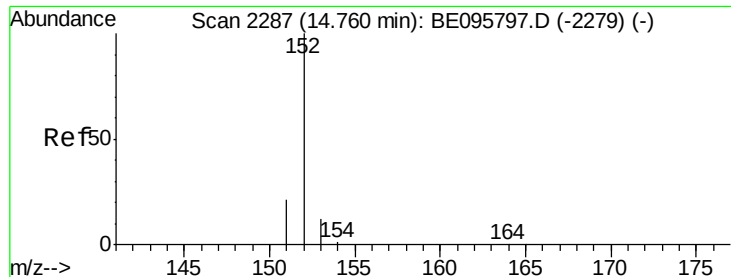
Delta R.T. 0.01 min

Lab File: BE095801.D

Acq: 15 Mar 2018 13:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.961 ng/ul

RT: 14.77 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BE095801.D

Acq: 15 Mar 2018 13:38

Instrument :

BNA_E

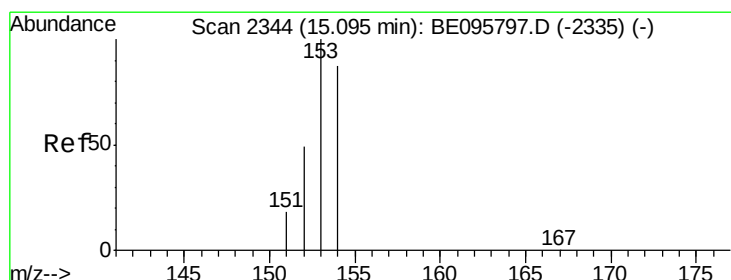
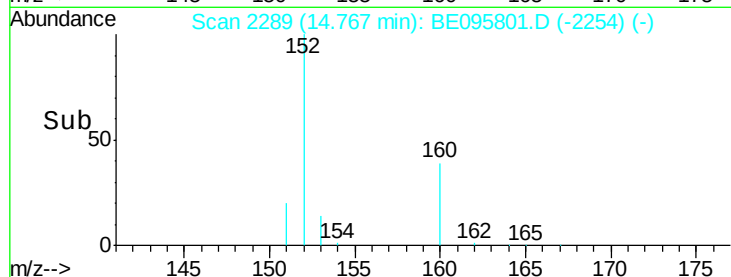
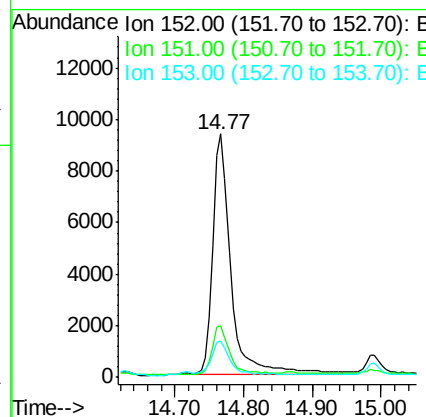
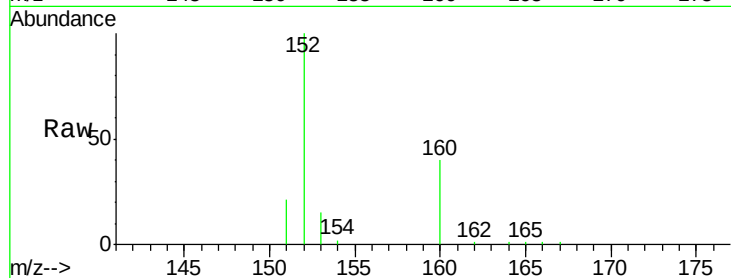
ClientSampleId :

F6F21

Tot Ion:	152	Resp:	16965
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.1	25.7
153	14.8	12.8	19.2

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#8

Acenaphthene

Concen: 6.219 ng/ul

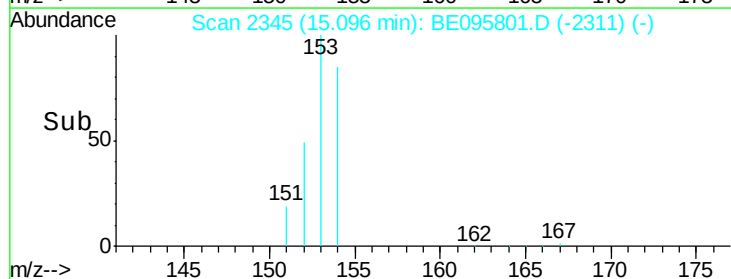
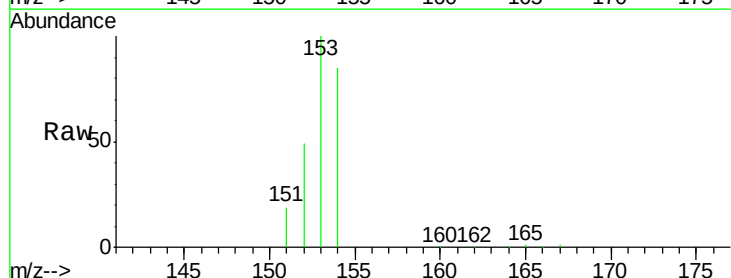
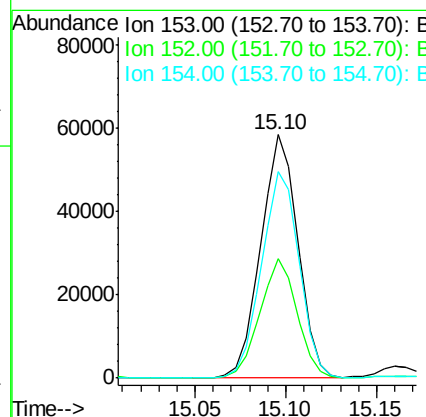
RT: 15.10 min Scan# 2345

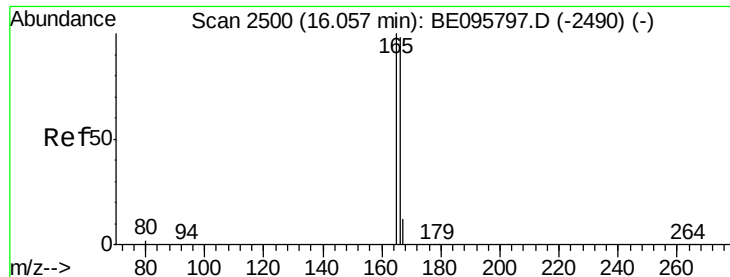
Delta R.T. 0.00 min

Lab File: BE095801.D

Acq: 15 Mar 2018 13:38

Tgt Ion:	153	Resp:	82703
Ion Ratio	Lower	Upper	
153	100		
152	49.1	36.0	54.0
154	85.0	72.0	108.0





#9

Fluorene

Concen: 4.106 ng/ul

RT: 16.06 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BE095801.D

Acq: 15 Mar 2018 13:38

Instrument :

BNA_E

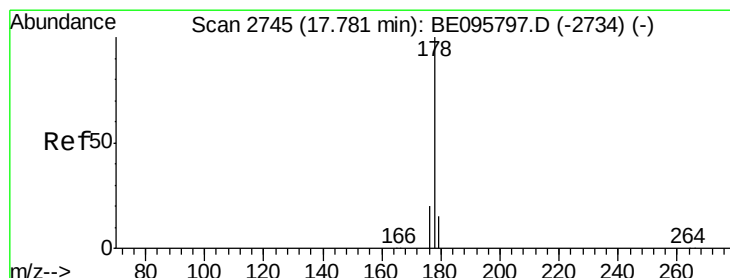
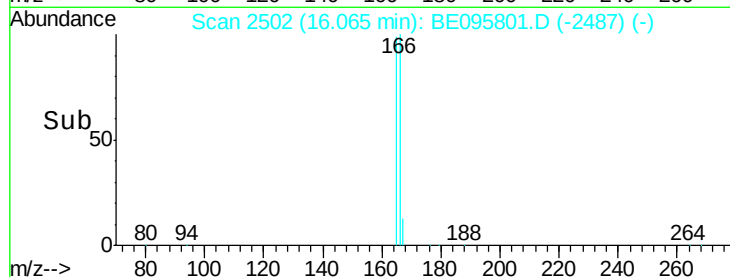
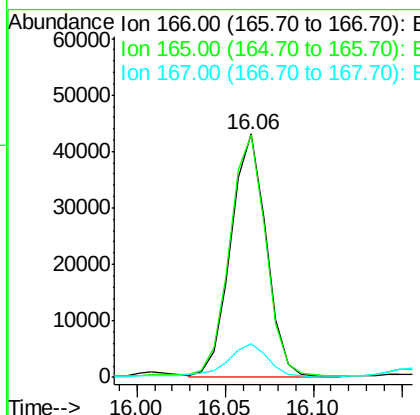
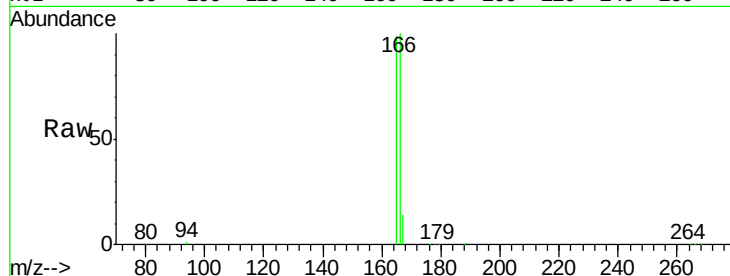
ClientSampleId :

F6F21

Tot Ion:	166	Resp:	59242
Ion Ratio	Lower	Upper	
166	100		
165	99.4	73.4	110.2
167	13.9	14.6	22.0#

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#12

Phenanthrene

Concen: 29.055 ng/ul m

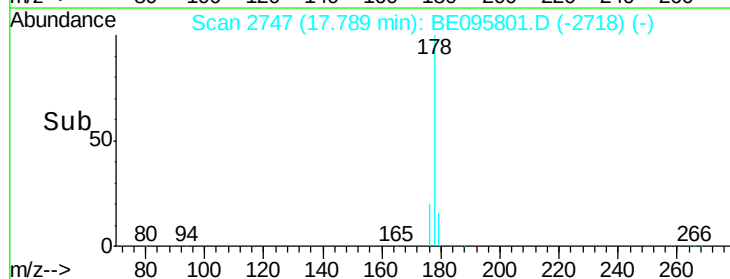
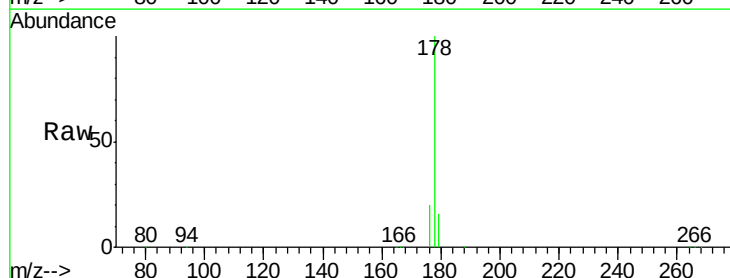
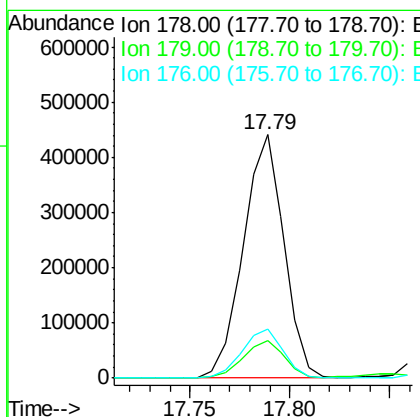
RT: 17.79 min Scan# 2747

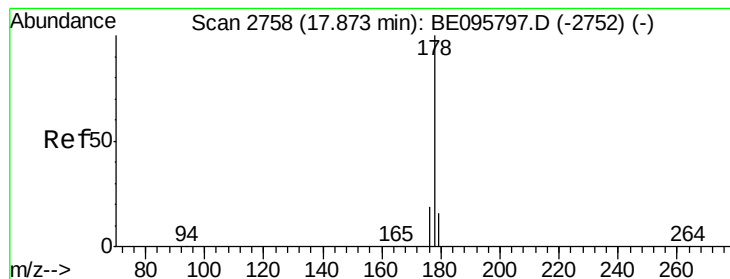
Delta R.T. 0.01 min

Lab File: BE095801.D

Acq: 15 Mar 2018 13:38

Tgt Ion:	178	Resp:	633899
Ion Ratio	Lower	Upper	
178	100		
179	15.6	18.4	27.6#
176	20.2	13.6	20.4





#13

Anthracene

Concen: 8.264 ng/ul m

RT: 17.87 min Scan# 2759

Delta R.T. 0.00 min

Lab File: BE095801.D

Acq: 15 Mar 2018 13:38

Instrument :

BNA_E

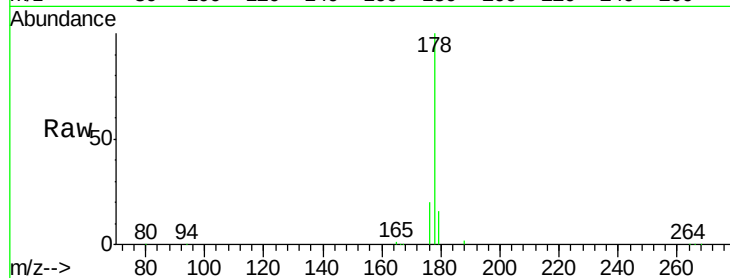
ClientSampleId :

F6F21

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	19.8	14.7	22.1

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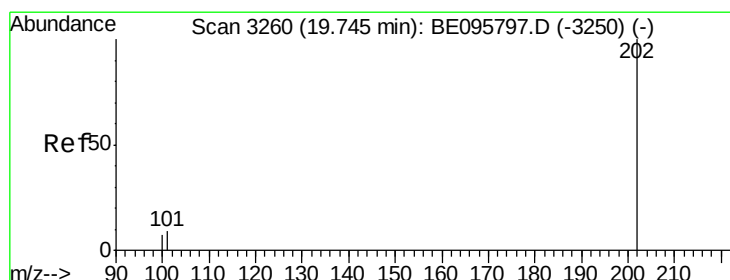
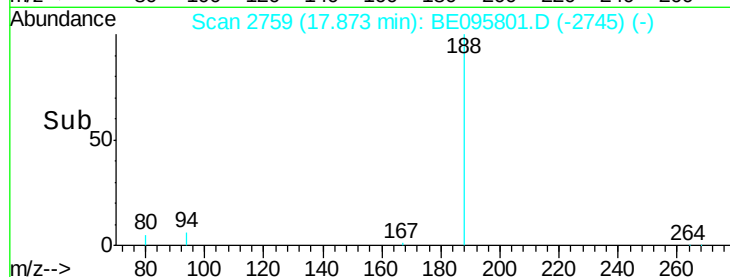
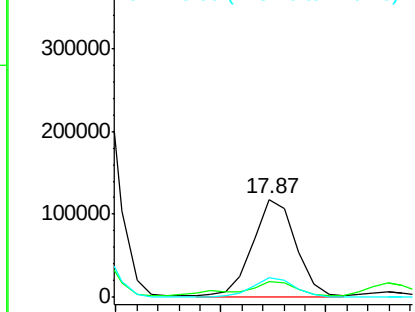


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 36.994 ng/ul m

RT: 19.76 min Scan# 3264

Delta R.T. 0.01 min

Lab File: BE095801.D

Acq: 15 Mar 2018 13:38

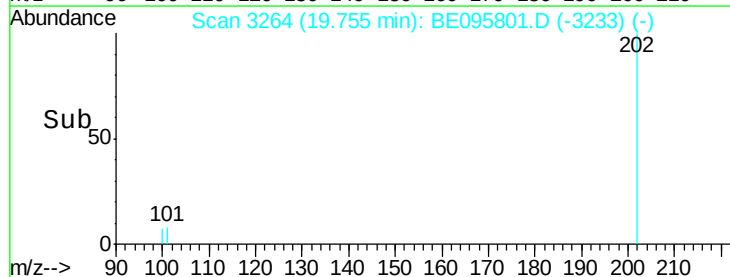
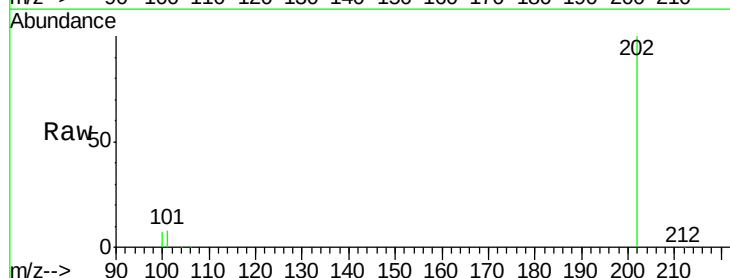
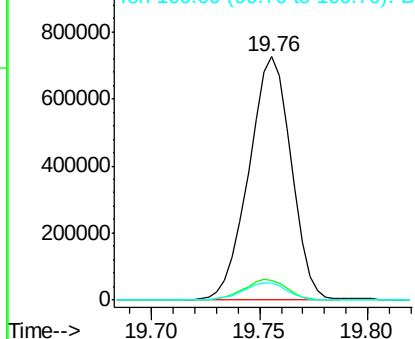
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	30.3
100	7.0	0.0	39.5

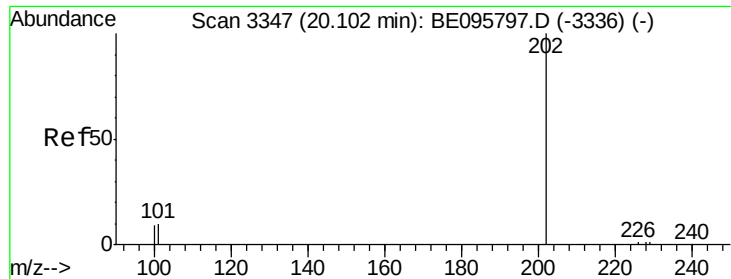
Abundance

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





#17

Pvrene

Concen: 30.757 ng/ul m

RT: 20.11 min Scan# 3350

Delta R.T. 0.01 min

Lab File: BE095801.D

Acq: 15 Mar 2018 13:38

Instrument :

BNA_E

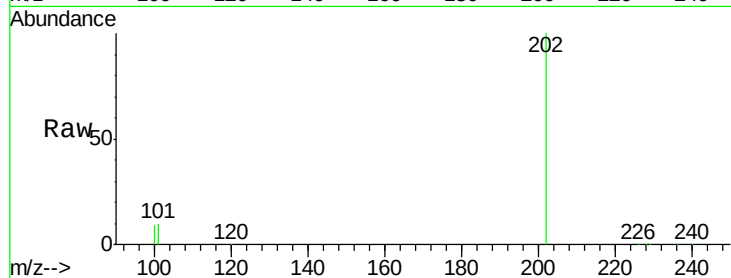
ClientSampleId :

F6F21

Tot Ion:	202	Resp:	787967
Ion Ratio	Lower	Upper	
202	100		
101	9.9	18.2	27.4#
100	9.0	15.6	23.4#

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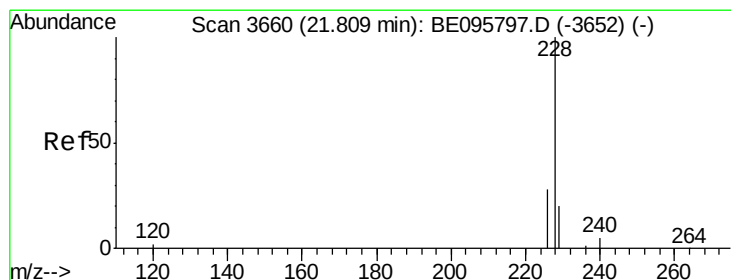
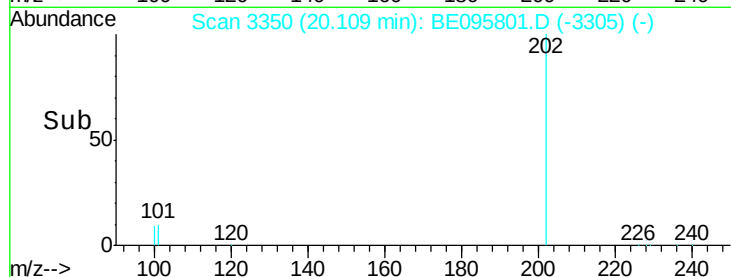
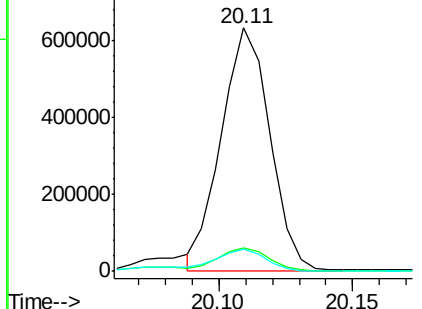
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 26.921 ng/ul m

RT: 21.82 min Scan# 3664

Delta R.T. 0.01 min

Lab File: BE095801.D

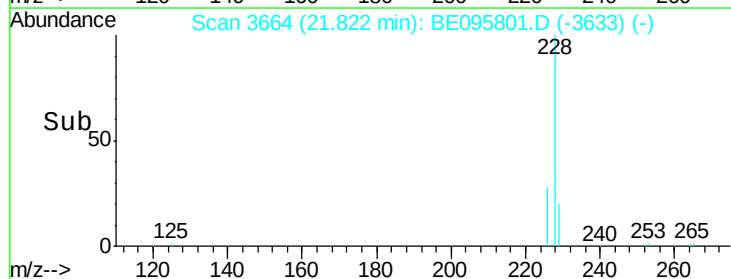
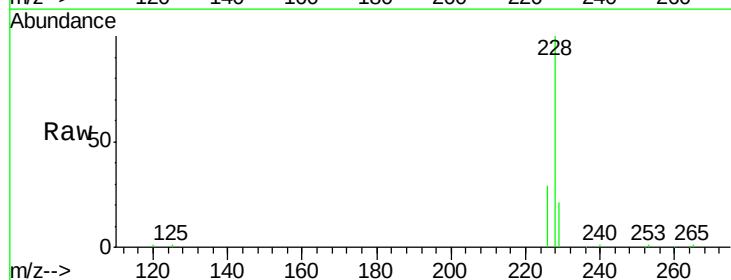
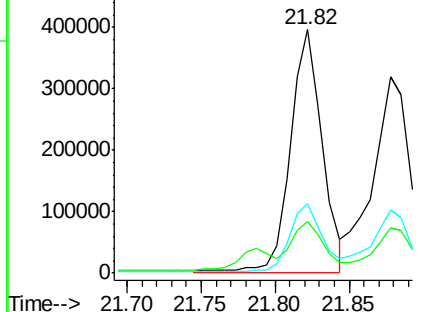
Acq: 15 Mar 2018 13:38

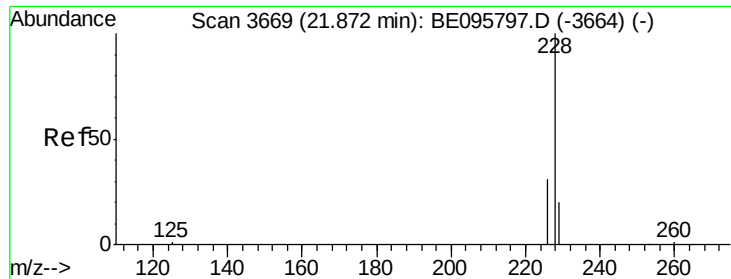
Tgt Ion:	228	Resp:	586057
Ion Ratio	Lower	Upper	
228	100		
229	21.4	22.8	34.2#
226	28.6	17.0	25.6#

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: 24.348 ng/ul m

RT: 21.88 min Scan# 3672

Delta R.T. 0.01 min

Lab File: BE095801.D

Acq: 15 Mar 2018 13:38

Instrument :

BNA_E

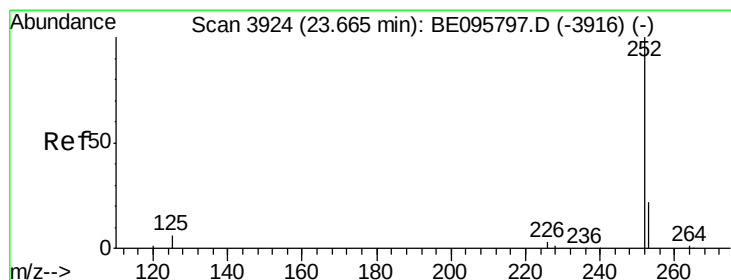
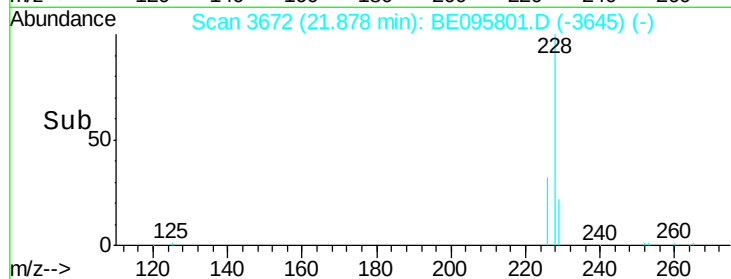
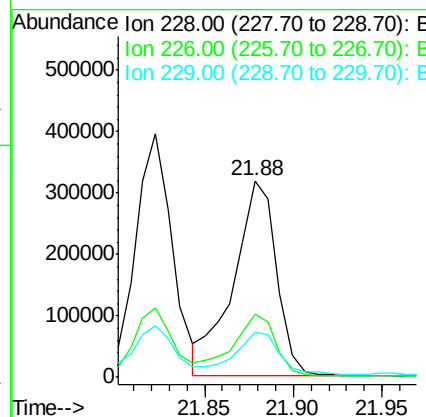
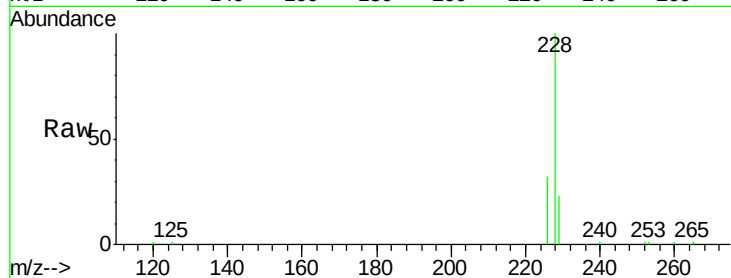
ClientSampled :

F6F21

Tot Ion:	228	Resp:	539696
Ion Ratio	Lower	Upper	
228	100		
226	32.3	23.4	35.0
229	23.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 31.959 ng/ul m

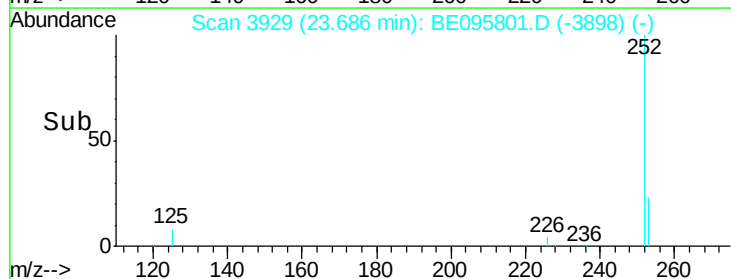
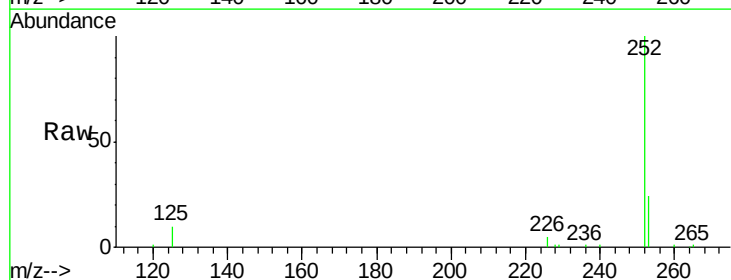
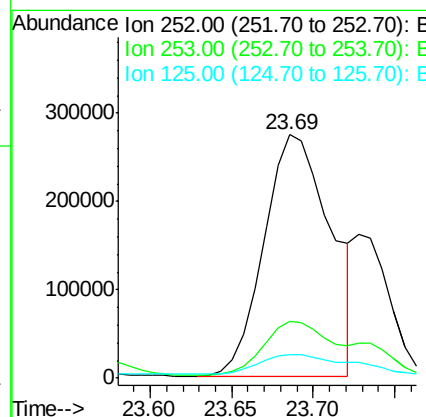
RT: 23.69 min Scan# 3929

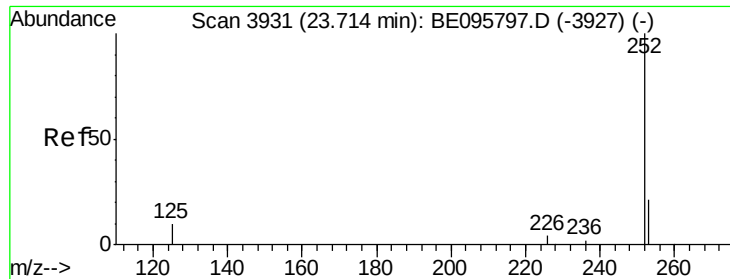
Delta R.T. 0.02 min

Lab File: BE095801.D

Acq: 15 Mar 2018 13:38

Tgt Ion:	252	Resp:	779022
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	64.2
125	9.6	0.0	35.0





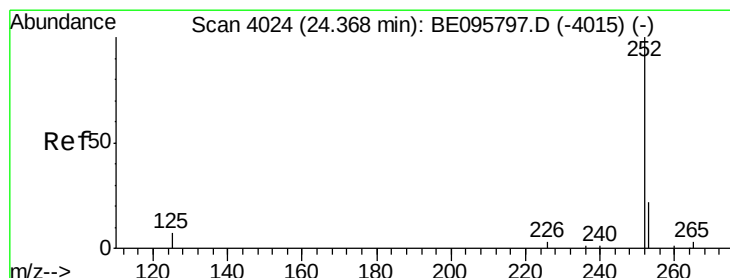
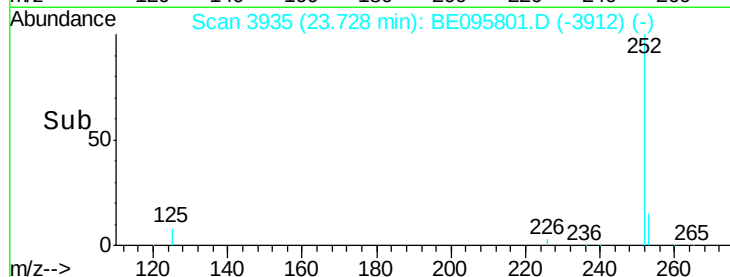
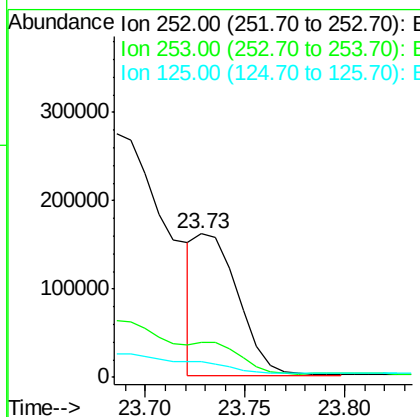
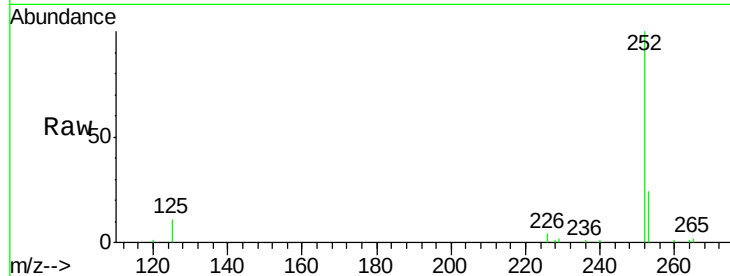
#22
Benzo(k)fluoranthene
Concen: 10.273 ng/ul m
RT: 23.73 min Scan# 3935
Delta R.T. 0.01 min
Lab File: BE095801.D
Acq: 15 Mar 2018 13:38

Instrument :
BNA_E
ClientSampleId :
F6F21

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	24.5	36.7#
125	10.8	13.7	20.5#

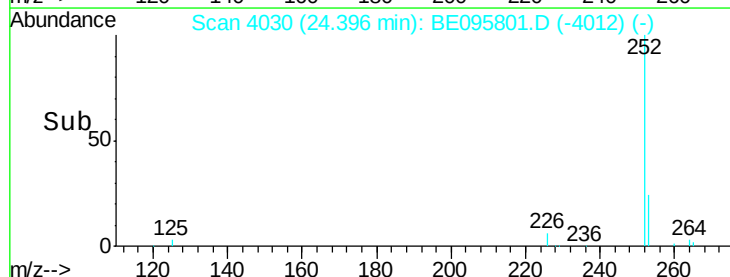
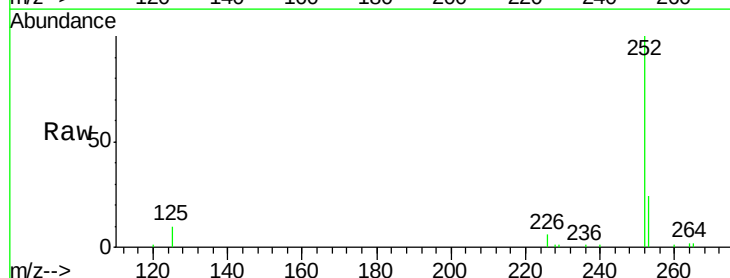
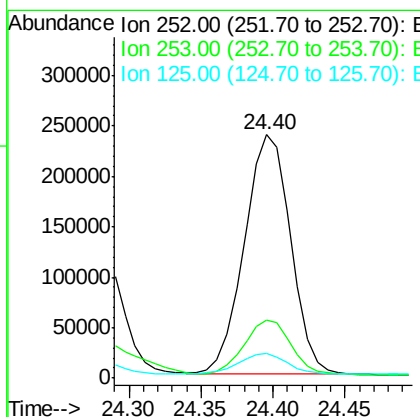
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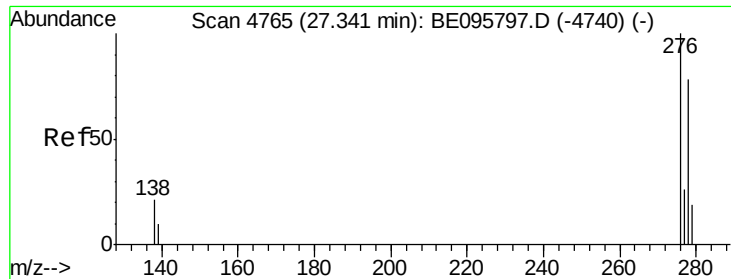
Sohil
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#23
Benzo(a)pyrene
Concen: 23.835 ng/ul m
RT: 24.40 min Scan# 4030
Delta R.T. 0.03 min
Lab File: BE095801.D
Acq: 15 Mar 2018 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	28.5	42.7#
125	10.1	18.1	27.1#





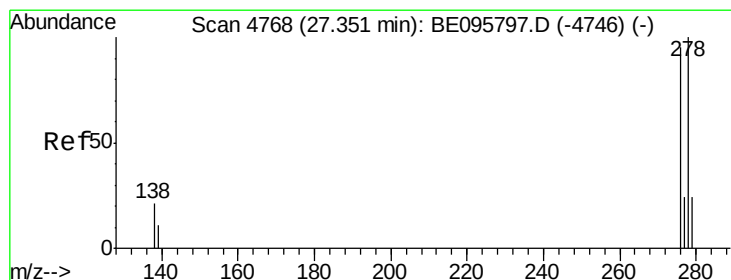
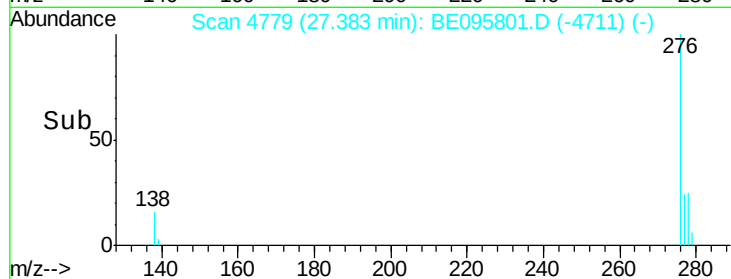
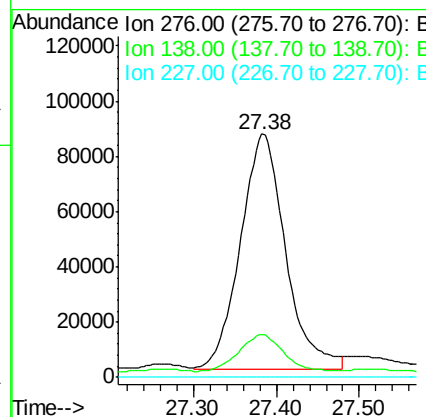
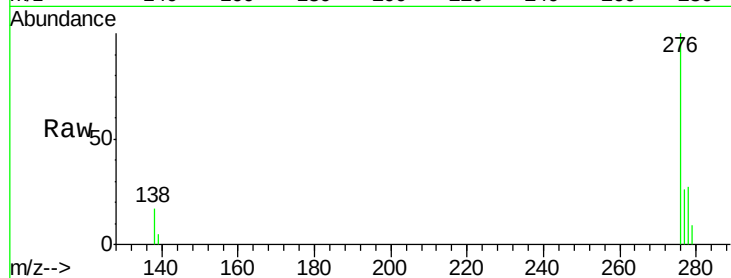
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 13.000 ng/ul m
 RT: 27.38 min Scan# 4779
 Delta R.T. 0.04 min
 Lab File: BE095801.D
 Acq: 15 Mar 2018 13:38

Instrument :
 BNA_E
 ClientSampleId :
 F6F21

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.1	28.0	42.0#
227	0.0	8.0	12.0#

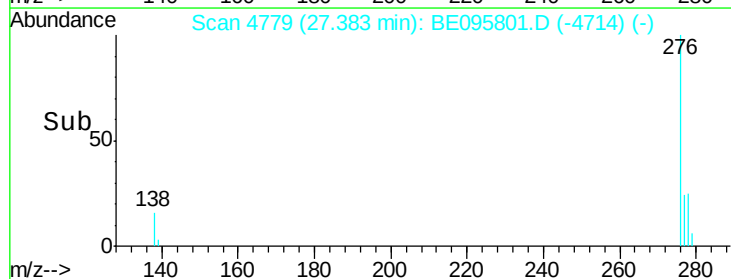
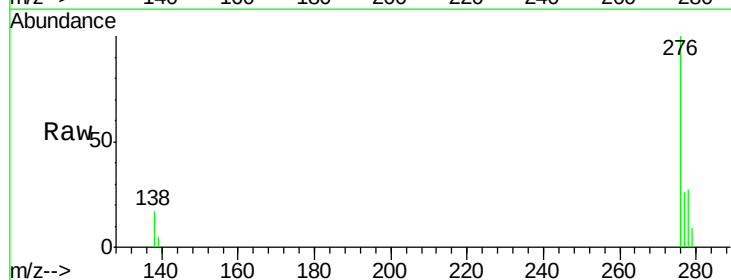
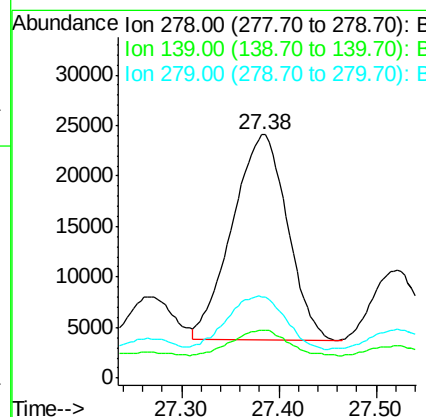
Manual Integrations
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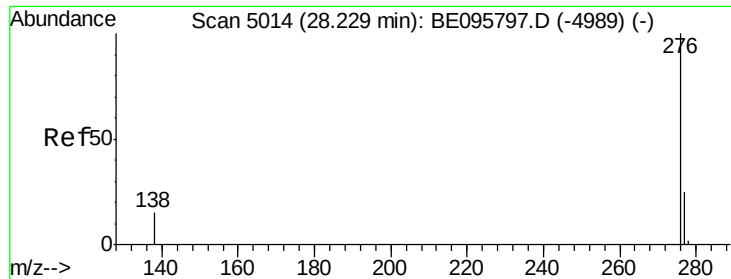
Sohil
 3/16/2018 12:00:56 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 4.062 ng/ul
 RT: 27.38 min Scan# 4779
 Delta R.T. 0.03 min
 Lab File: BE095801.D
 Acq: 15 Mar 2018 13:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	17.4	26.0
279	33.5	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 13.378 ng/ul

RT: 28.29 min Scan# 5032

Delta R.T. 0.06 min

Lab File: BE095801.D

Acq: 15 Mar 2018 13:38

Instrument :

BNA_E

ClientSampleId :

F6F21

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.6	21.8	32.8#
277	26.3	20.5	30.7

Manual Integrations
APPROVED

Sohil
3/16/2018 12:00:56 PM

