

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095812.D
 Acq On : 15 Mar 2018 20:16
 Operator : SJ/JU
 Sample : J1813-04DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F20DL

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:03:28 PM

Quant Time: Mar 16 04:00:52 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 02:40:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	1980	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	5869	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.03	164	3188	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.74	188	6601	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	7056	0.40	ng/ul	0.00
20) Perylene-d12	24.49	264	7094	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	753	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	1764	0.08	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.32	128	2886	0.176	ng/ul#	90
5) 2-Methylnaphthalene	12.90	142	903	0.079	ng/ul	98
7) Acenaphthylene	14.76	152	1547	0.096	ng/ul#	90
8) Acenaphthene	15.09	153	3486	0.288	ng/ul	93
9) Fluorene	16.06	166	2298	0.175	ng/ul	87
12) Phenanthrene	17.78	178	34279	1.734	ng/ul#	89
13) Anthracene	17.87	178	7699	0.417	ng/ul#	93
15) Fluoranthene	19.75	202	75548	3.155	ng/ul	81
17) Pyrene	20.10	202	63343m	2.364	ng/ul	
18) Benzo(a)anthracene	21.81	228	49105	2.157	ng/ul#	88
19) Chrysene	21.87	228	41689	1.798	ng/ul	94
21) Benzo(b)fluoranthene	23.67	252	64274m	2.616	ng/ul	
22) Benzo(k)fluoranthene	23.71	252	18661m	0.799	ng/ul	
23) Benzo(a)pyrene	24.37	252	40862	1.821	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	27.35	276	27883	1.121	ng/ul#	68
25) Dibenzo(a,h)anthracene	27.35	278	6391	0.321	ng/ul#	65
26) Benzo(a,h,i)perylene	28.25	276	23840	1.116	ng/ul#	92

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

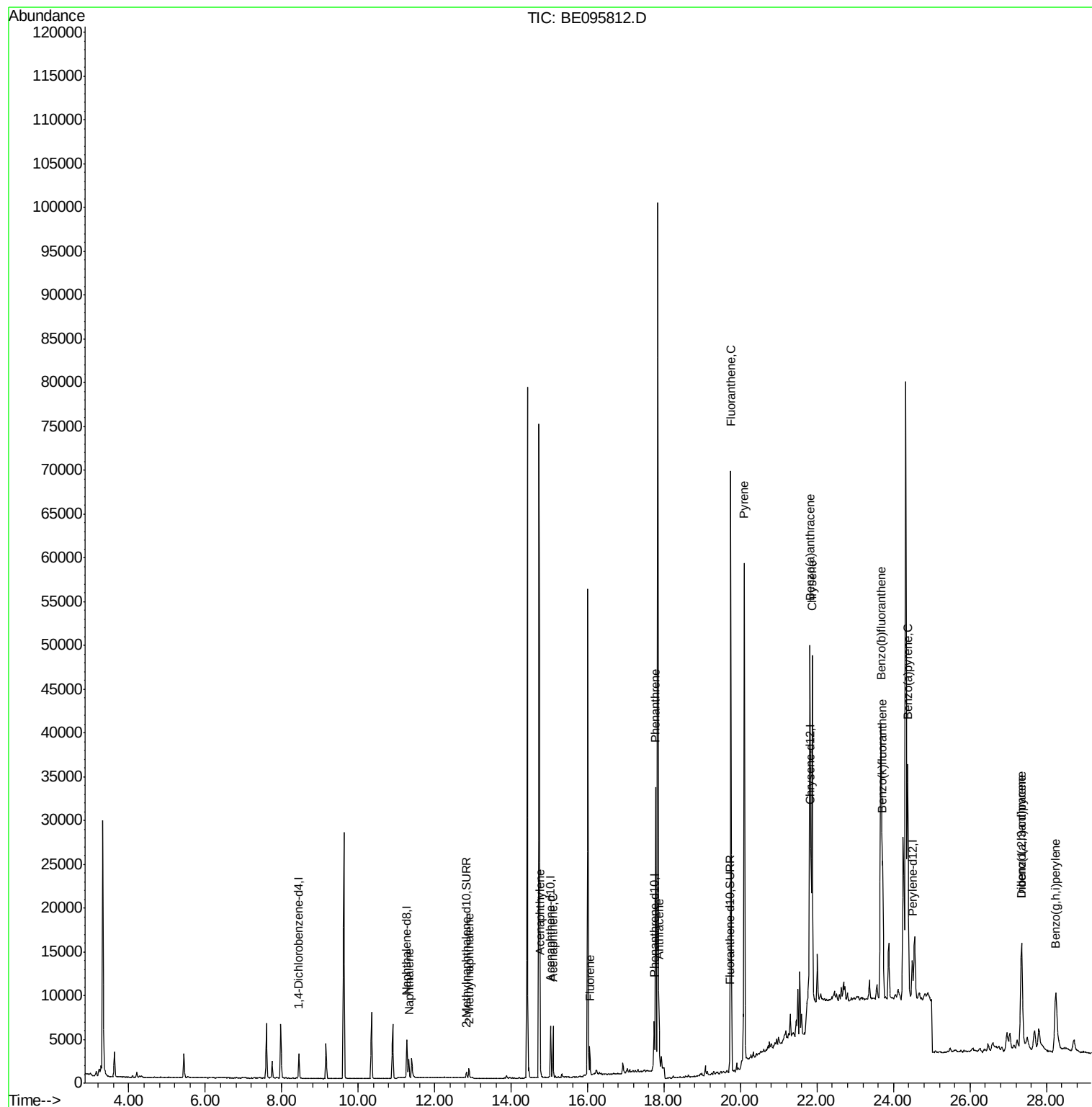
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
Data File : BE095812.D
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ALS Vial : 16 Sample Multiplier: 1

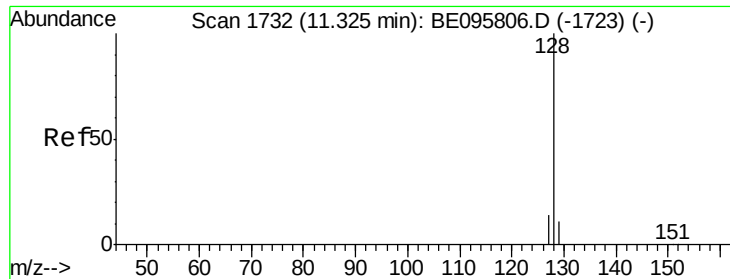
Instrument :
BNA_E
ClientSampleId :
F6F20DL

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Quant Time: Mar 16 04:00:52 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
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QLast Update : Fri Mar 16 02:40:12 2018
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#3

Naphthalene

Concen: 0.176 ng/ul

RT: 11.32 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BE095812.D

Acq: 15 Mar 2018 20:16

Instrument :

BNA_E

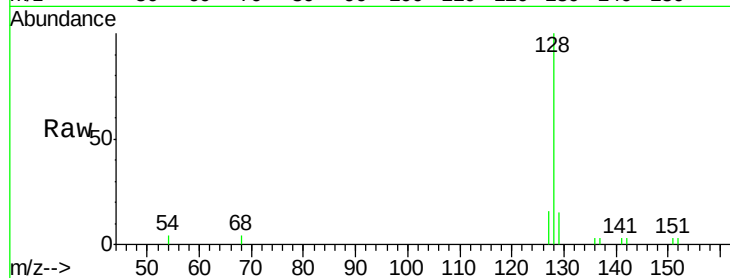
ClientSampleId :

F6F20DL

Tot Ion:	128	Resp:	2886
Ion Ratio	Lower	Upper	
128	100		
129	14.8	11.3	16.9
127	16.4	4.0	6.0#

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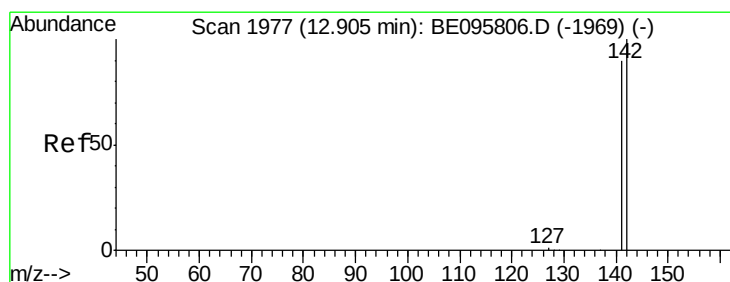
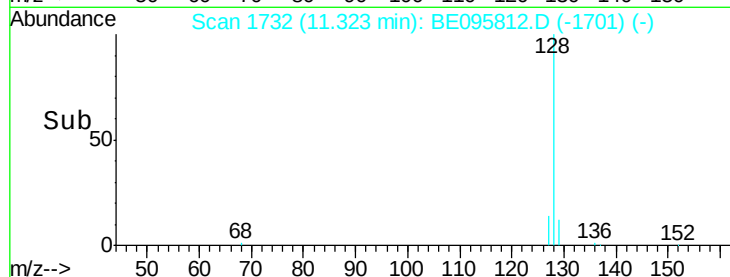
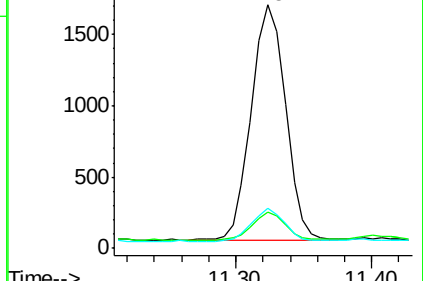
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.079 ng/ul

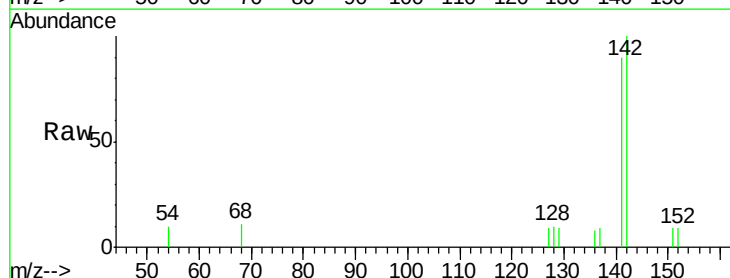
RT: 12.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BE095812.D

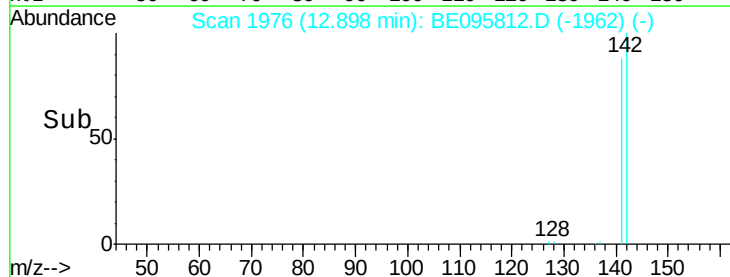
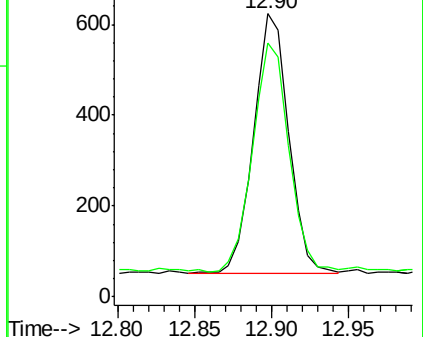
Acq: 15 Mar 2018 20:16

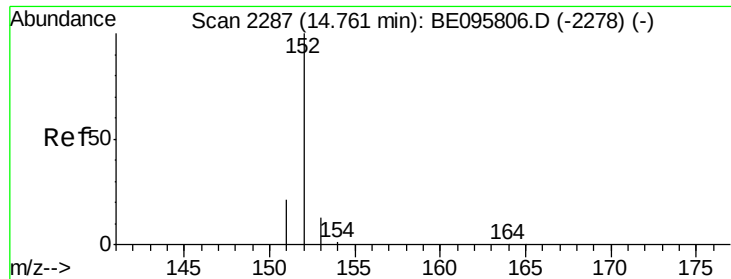
Tgt Ion:	142	Resp:	903
Ion Ratio	Lower	Upper	
142	100		
141	92.2	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.096 ng/ul

RT: 14.76 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BE095812.D

Acq: 15 Mar 2018 20:16

Instrument :

BNA_E

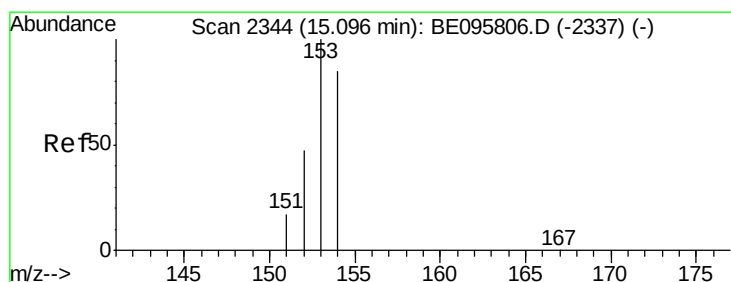
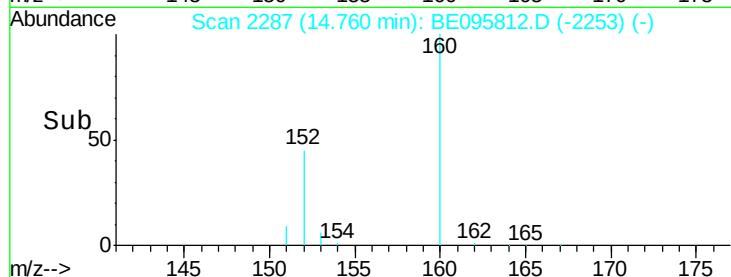
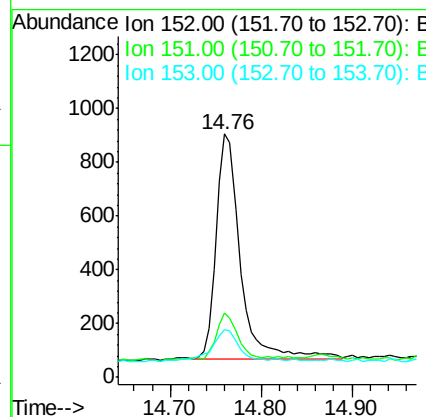
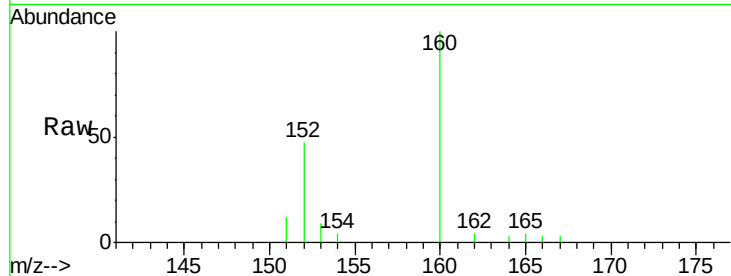
ClientSampleId :

F6F20DL

Tot Ion:	152	Resp:	1547
Ion Ratio	Lower	Upper	
152	100		
151	26.4	17.1	25.7#
153	19.6	12.8	19.2#

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#8

Acenaphthene

Concen: 0.288 ng/ul

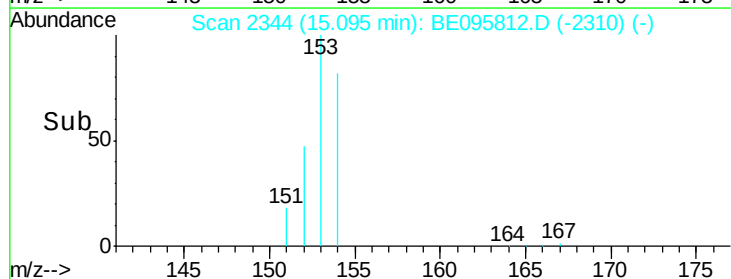
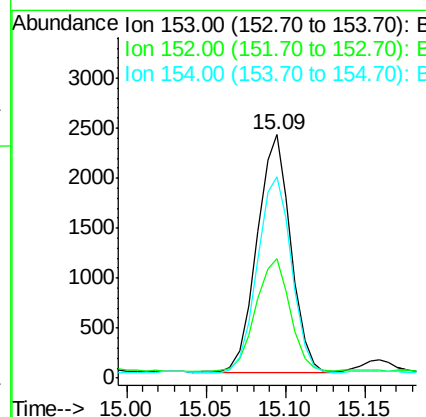
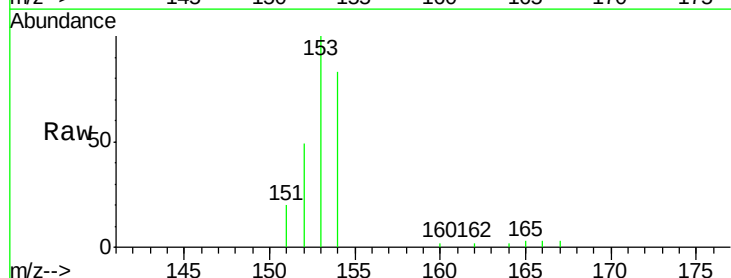
RT: 15.09 min Scan# 2344

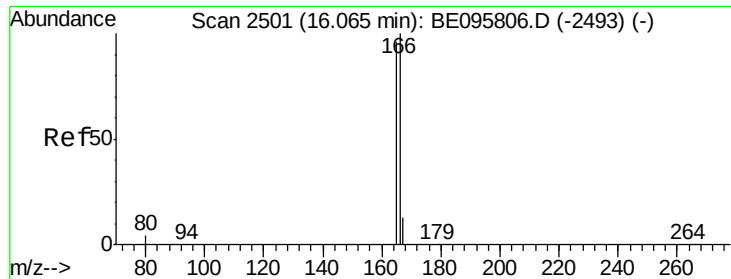
Delta R.T. -0.00 min

Lab File: BE095812.D

Acq: 15 Mar 2018 20:16

Tgt Ion:	153	Resp:	3486
Ion Ratio	Lower	Upper	
153	100		
152	49.2	36.0	54.0
154	82.7	72.0	108.0





#9

Fluorene

Concen: 0.175 ng/ul

RT: 16.06 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BE095812.D

Acq: 15 Mar 2018 20:16

Instrument :

BNA_E

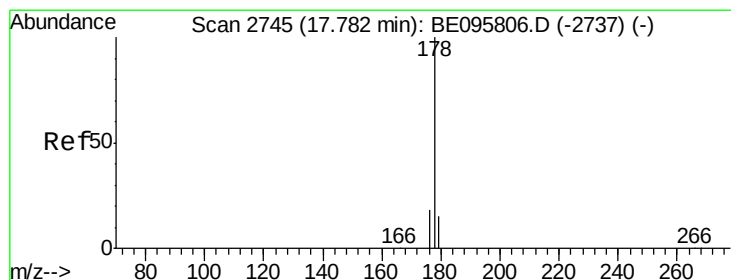
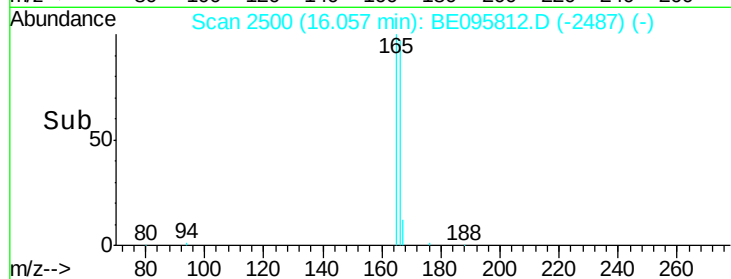
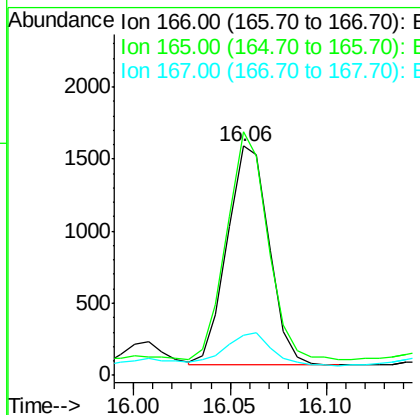
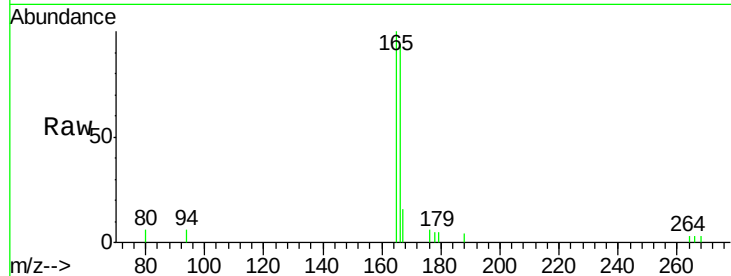
ClientSampleId :

F6F20DL

Tot Ion:	166	Resp:	2298
Ion	Ratio	Lower	Upper
166	100		
165	106.2	73.4	110.2
167	17.4	14.6	22.0

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#12

Phenanthrene

Concen: 1.734 ng/ul

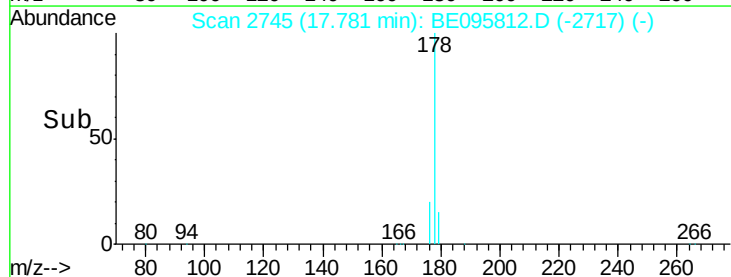
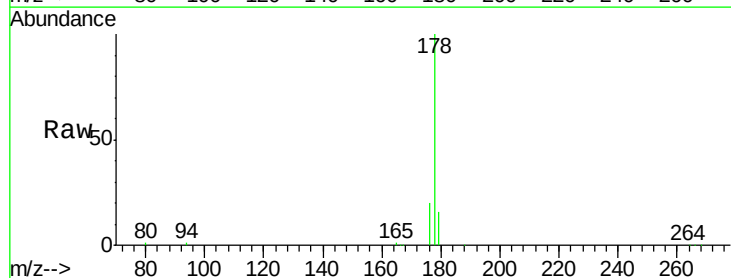
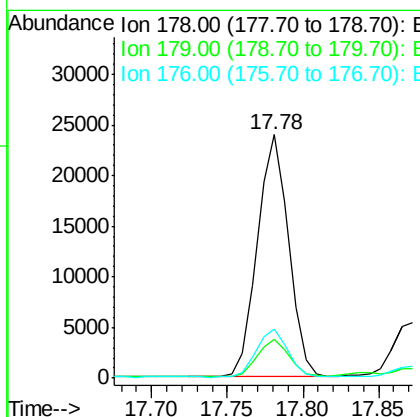
RT: 17.78 min Scan# 2745

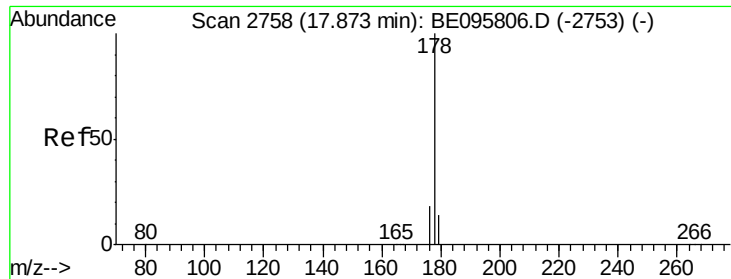
Delta R.T. -0.00 min

Lab File: BE095812.D

Acq: 15 Mar 2018 20:16

Tgt Ion:	178	Resp:	34279
Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6#
176	20.0	13.6	20.4





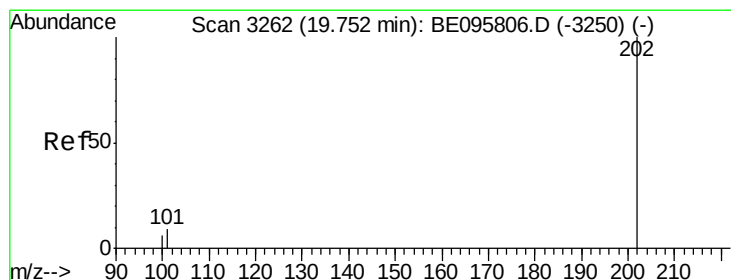
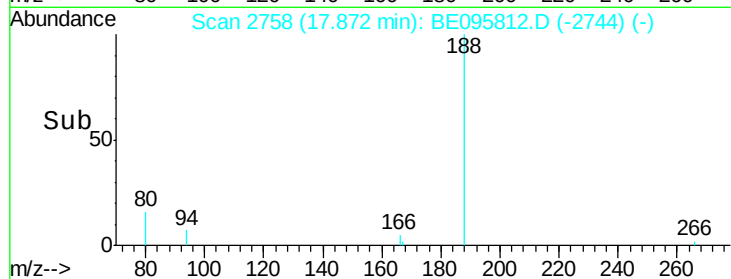
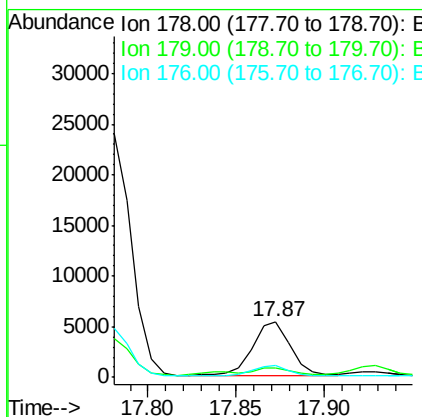
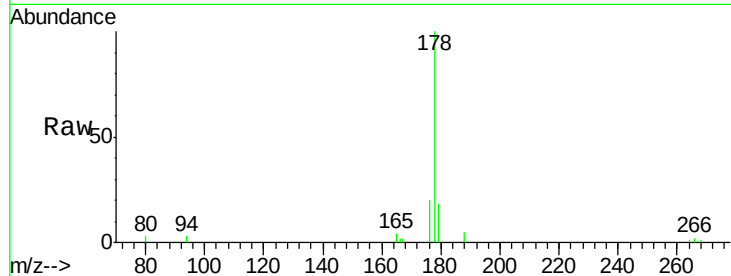
#13
 Anthracene
 Concen: 0.417 ng/ul
 RT: 17.87 min Scan# 2758
 Delta R.T. -0.00 min
 Lab File: BE095812.D
 Acq: 15 Mar 2018 20:16

Instrument :
 BNA_E
 ClientSampleId :
 F6F20DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.9	18.1	27.1#
176	20.4	14.7	22.1

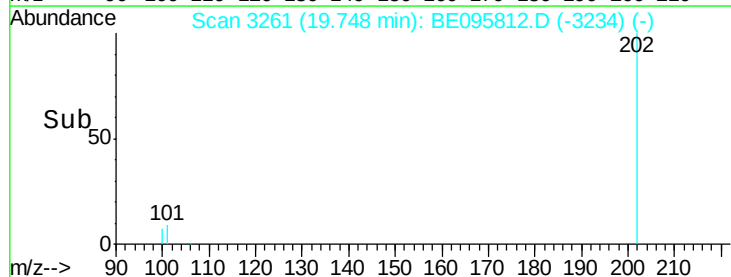
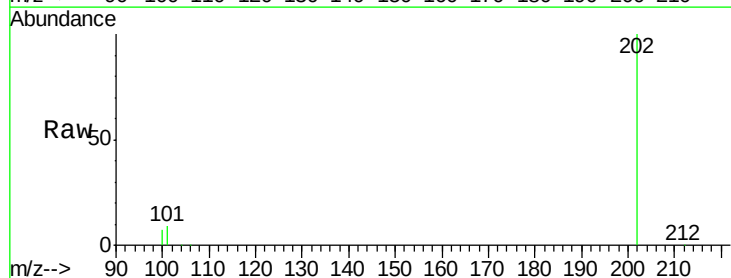
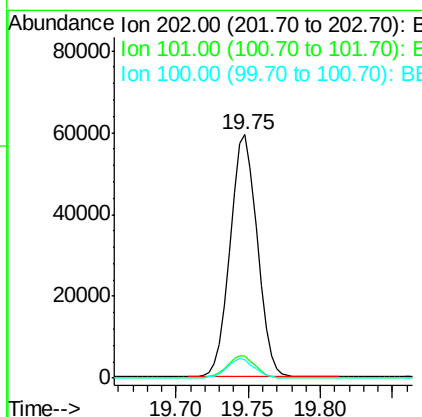
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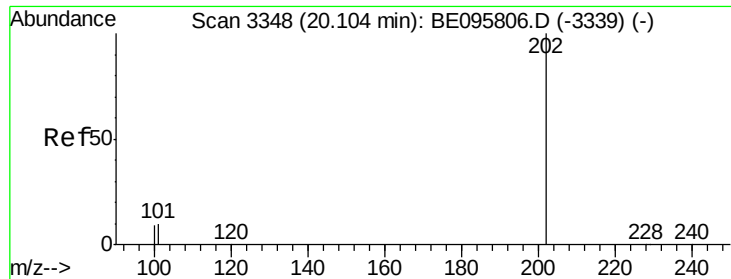
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#15
 Fluoranthene
 Concen: 3.155 ng/ul
 RT: 19.75 min Scan# 3261
 Delta R.T. -0.00 min
 Lab File: BE095812.D
 Acq: 15 Mar 2018 20:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.3
100	7.3	0.0	39.5





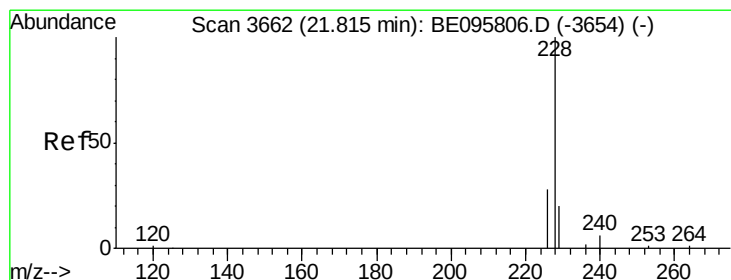
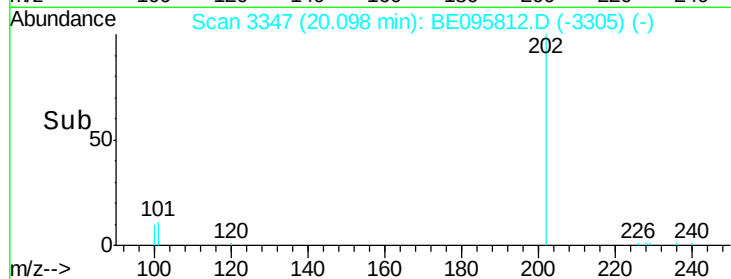
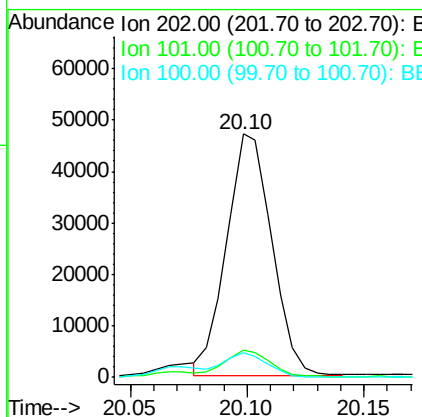
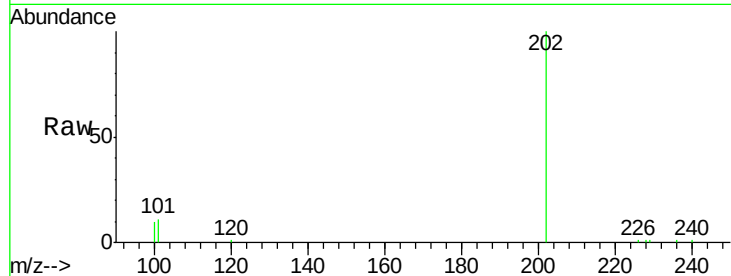
#17
Pvrene
Concen: 2.364 ng/ul m
RT: 20.10 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BE095812.D
Acq: 15 Mar 2018 20:16

Instrument :
BNA_E
ClientSampleId :
F6F20DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	18.2	27.4#
100	10.3	15.6	23.4#

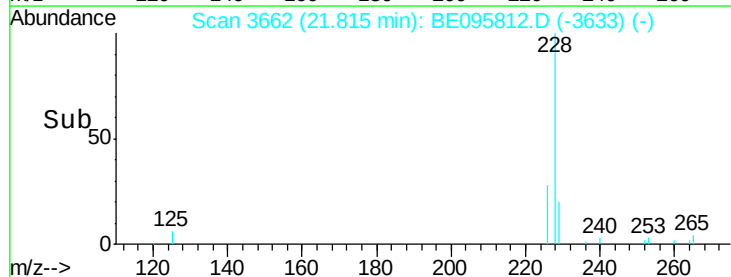
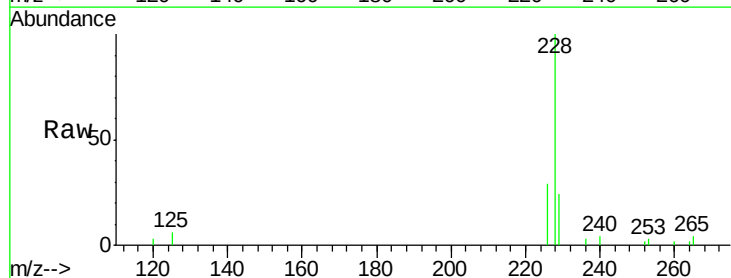
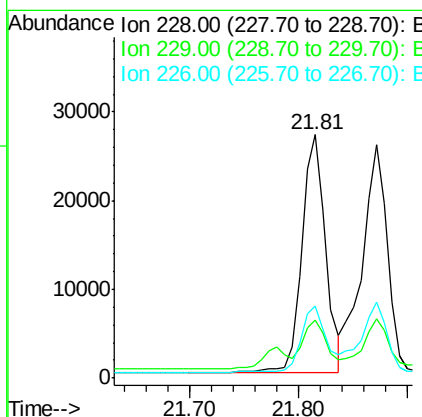
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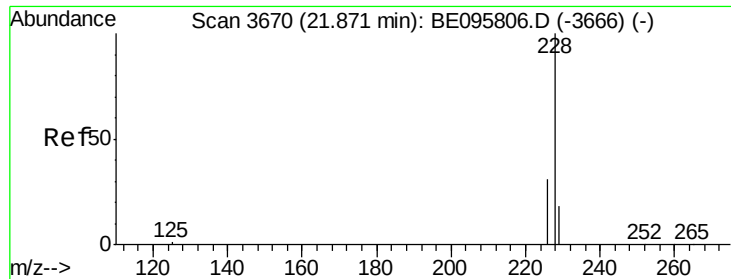
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#18
Benzo(a)anthracene
Concen: 2.157 ng/ul
RT: 21.81 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BE095812.D
Acq: 15 Mar 2018 20:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.8	22.8	34.2
226	29.4	17.0	25.6#





#19

Chrysene

Concen: 1.798 ng/ul

RT: 21.87 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BE095812.D

Acq: 15 Mar 2018 20:16

Instrument :

BNA_E

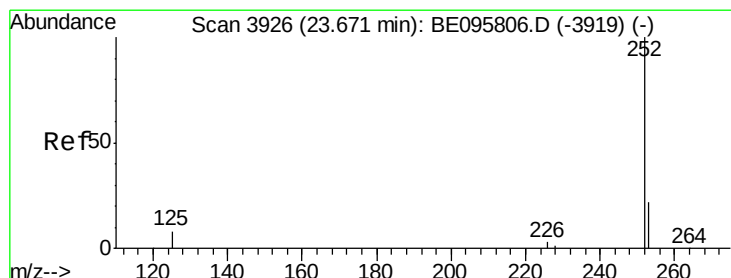
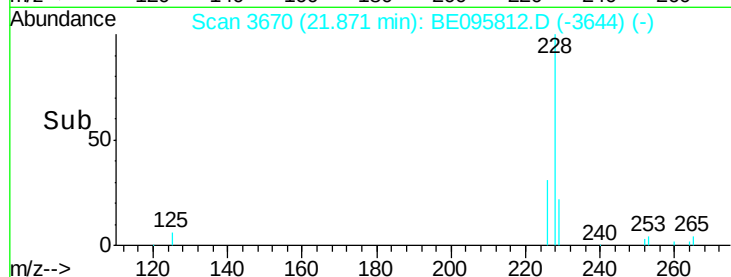
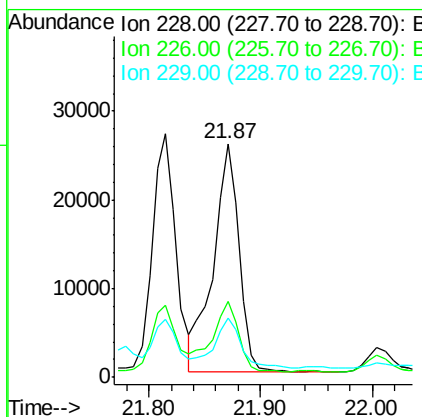
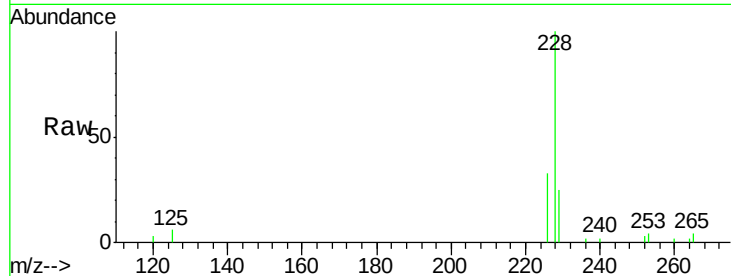
ClientSampleId :

F6F20DL

Tot Ion:	228	Resp:	41689
Ion Ratio	Lower	Upper	
228	100		
226	32.6	23.4	35.0
229	25.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.616 ng/ul m

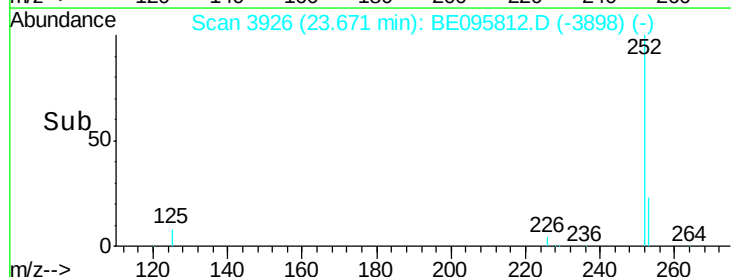
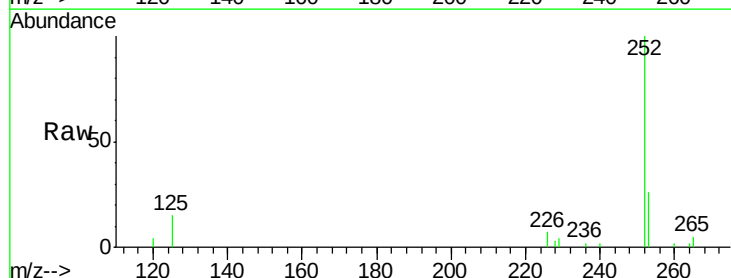
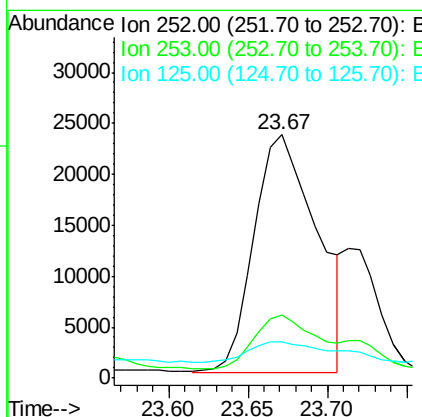
RT: 23.67 min Scan# 3926

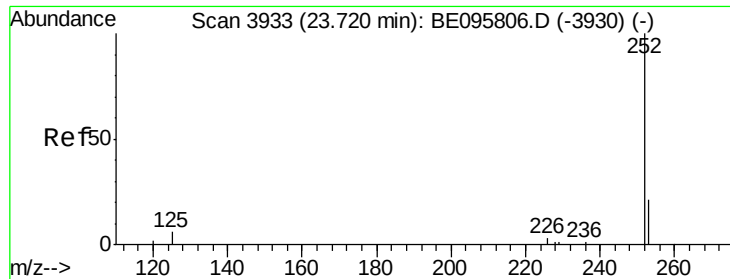
Delta R.T. -0.00 min

Lab File: BE095812.D

Acq: 15 Mar 2018 20:16

Tgt Ion:	252	Resp:	64274
Ion Ratio	Lower	Upper	
252	100		
253	25.7	0.0	64.2
125	15.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.799 ng/ul m

RT: 23.71 min Scan# 3932

Delta R.T. -0.01 min

Lab File: BE095812.D

Acq: 15 Mar 2018 20:16

Instrument :

BNA_E

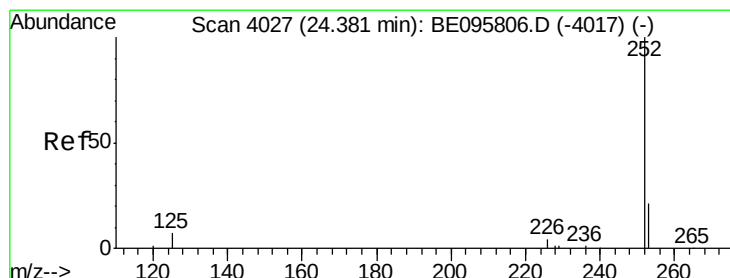
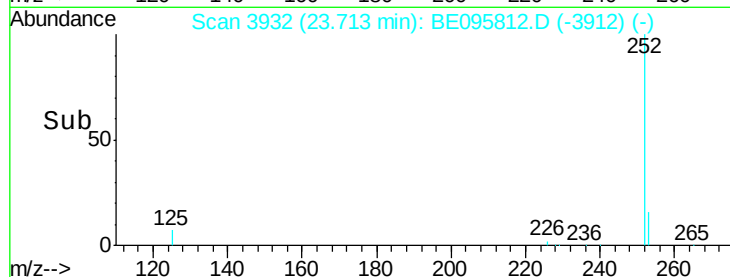
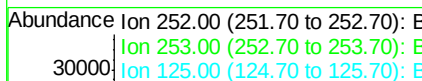
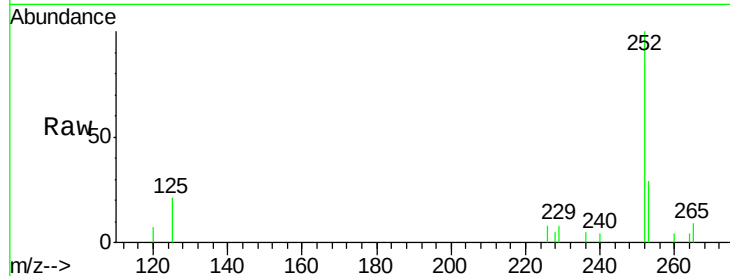
ClientSampleId :

F6F20DL

Tot Ion:	252	Resp:	18661
Ion Ratio	Lower	Upper	
252	100		
253	28.9	24.5	36.7
125	20.6	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.821 ng/ul

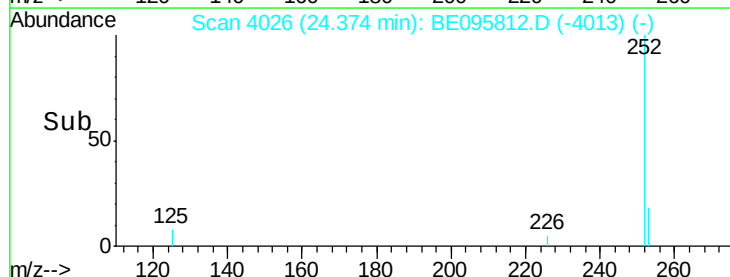
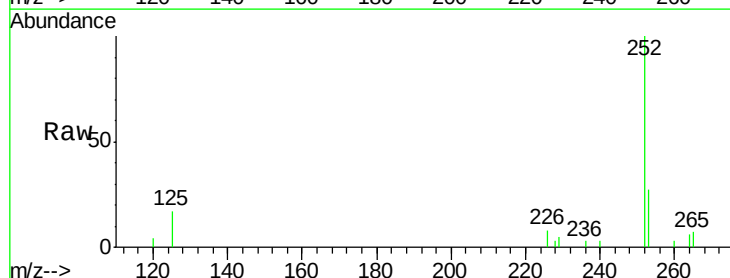
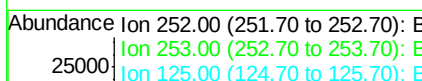
RT: 24.37 min Scan# 4026

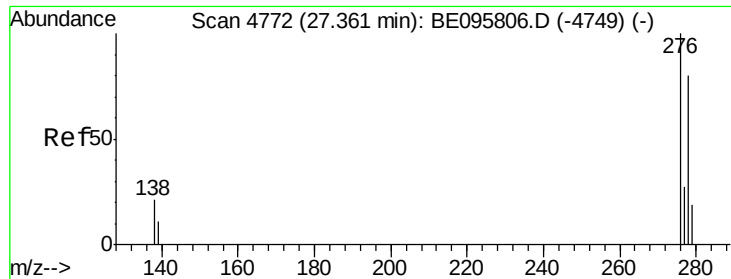
Delta R.T. -0.01 min

Lab File: BE095812.D

Acq: 15 Mar 2018 20:16

Tgt Ion:	252	Resp:	40862
Ion Ratio	Lower	Upper	
252	100		
253	26.5	28.5	42.7#
125	16.6	18.1	27.1#





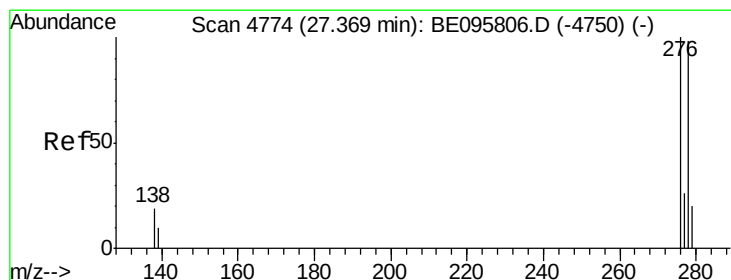
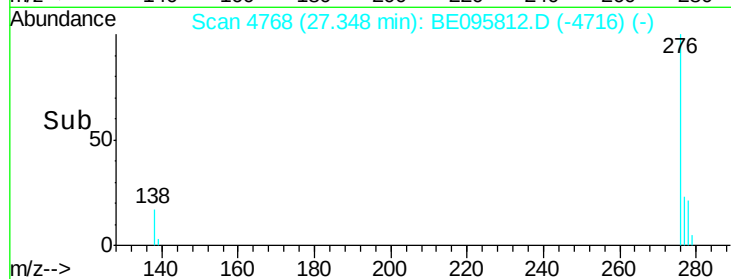
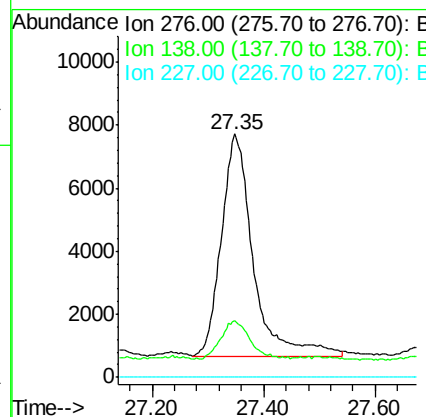
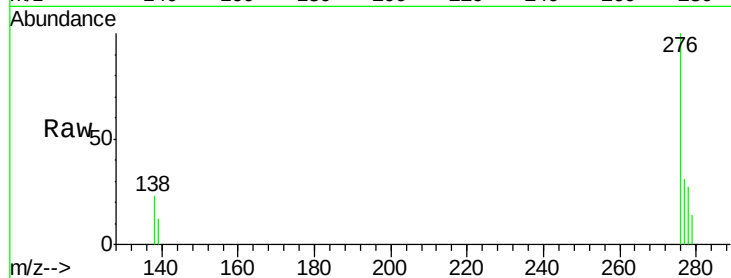
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.121 ng/ul
RT: 27.35 min Scan# 4768
Delta R.T. -0.01 min
Lab File: BE095812.D
Acq: 15 Mar 2018 20:16

Instrument :
BNA_E
ClientSampleId :
F6F20DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	28.0	42.0#
227	0.0	8.0	12.0#

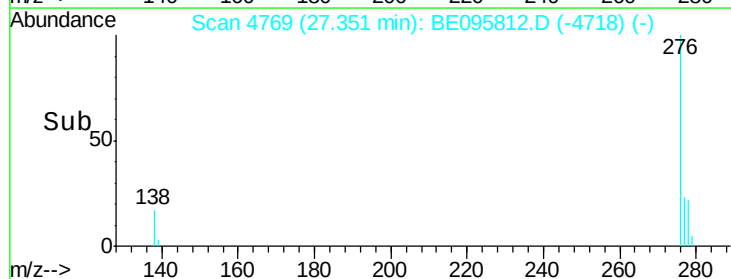
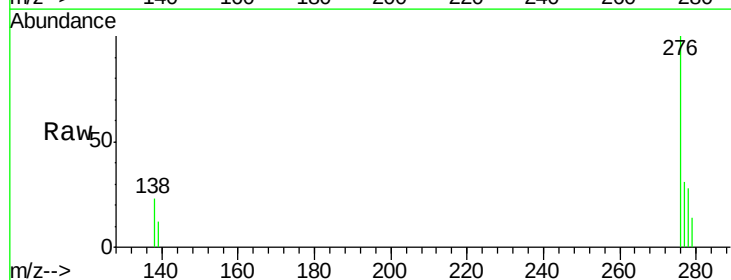
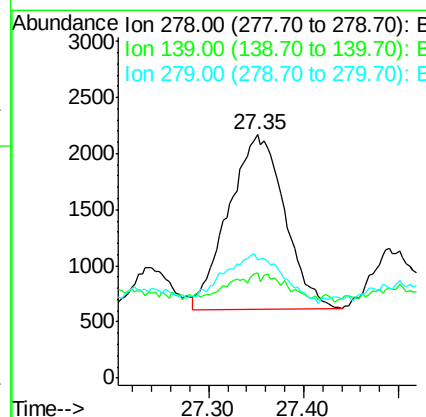
Manual Integrations
APPROVED

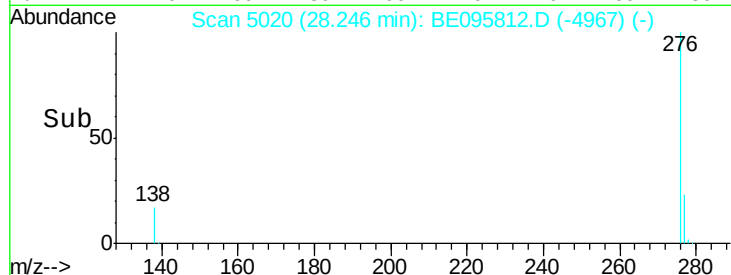
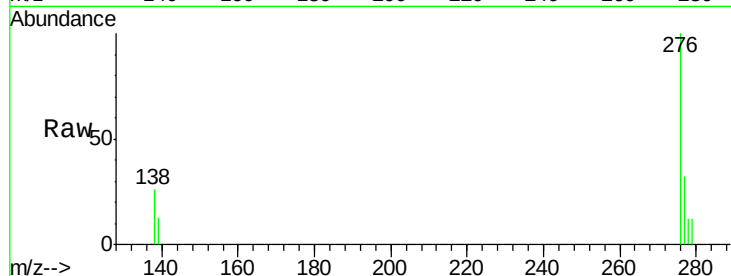
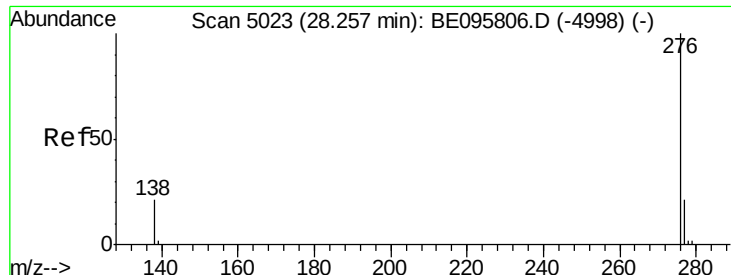
Sohil
3/16/2018 12:03:28 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.321 ng/ul
RT: 27.35 min Scan# 4769
Delta R.T. -0.02 min
Lab File: BE095812.D
Acq: 15 Mar 2018 20:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	43.2	17.4	26.0#
279	48.6	25.9	38.9#





#26
Benzo(a,h,i)perylene
Concen: 1.116 ng/ul
RT: 28.25 min Scan# 5020
Delta R.T. -0.01 min
Lab File: BE095812.D
Acq: 15 Mar 2018 20:16

Tot Ion:	276	Resp:	23840
Ion Ratio	Lower	Upper	
276	100		
138	25.7	21.8	32.8
277	32.4	20.5	30.7

Instrument :
BNA_E
ClientSampleId :
F6F20DL

Manual Integrations
APPROVED

Sohil
3/16/2018 12:03:28 PM

