

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095807.D
 Acq On : 15 Mar 2018 17:16
 Operator : SJ/JU
 Sample : J1835-01DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F00DL

Manual Integrations
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Sohil
 3/16/2018 12:03:44 PM

Quant Time: Mar 16 03:00:07 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	1975	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	5637	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	3026	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.74	188	6338m	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	6297m	0.40	ng/ul	0.00
20) Perylene-d12	24.49	264	6434m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	238m	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	529m	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	381	0.024	ng/ul#	56
5) 2-Methylnaphthalene	12.90	142	371	0.034	ng/ul	100
8) Acenaphthene	15.10	153	576	0.050	ng/ul#	91
9) Fluorene	16.07	166	511	0.041	ng/ul#	80
12) Phenanthrene	17.78	178	8517m	0.449	ng/ul	
13) Anthracene	17.87	178	1861m	0.105	ng/ul	
15) Fluoranthene	19.75	202	12162m	0.529	ng/ul	
17) Pyrene	20.10	202	10908	0.456	ng/ul#	77
18) Benzo(a)anthracene	21.81	228	5576m	0.274	ng/ul	
19) Chrysene	21.87	228	5868m	0.284	ng/ul	
21) Benzo(b)fluoranthene	23.67	252	5769m	0.259	ng/ul	
22) Benzo(k)fluoranthene	23.72	252	2628m	0.124	ng/ul	
23) Benzo(a)pyrene	24.37	252	4624	0.227	ng/ul#	34
24) Indeno(1,2,3-cd)pyrene	27.35	276	2363	0.105	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.34	278	756	0.042	ng/ul#	1
26) Benzo(a,h,i)perylene	28.25	276	2760	0.142	ng/ul#	36

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

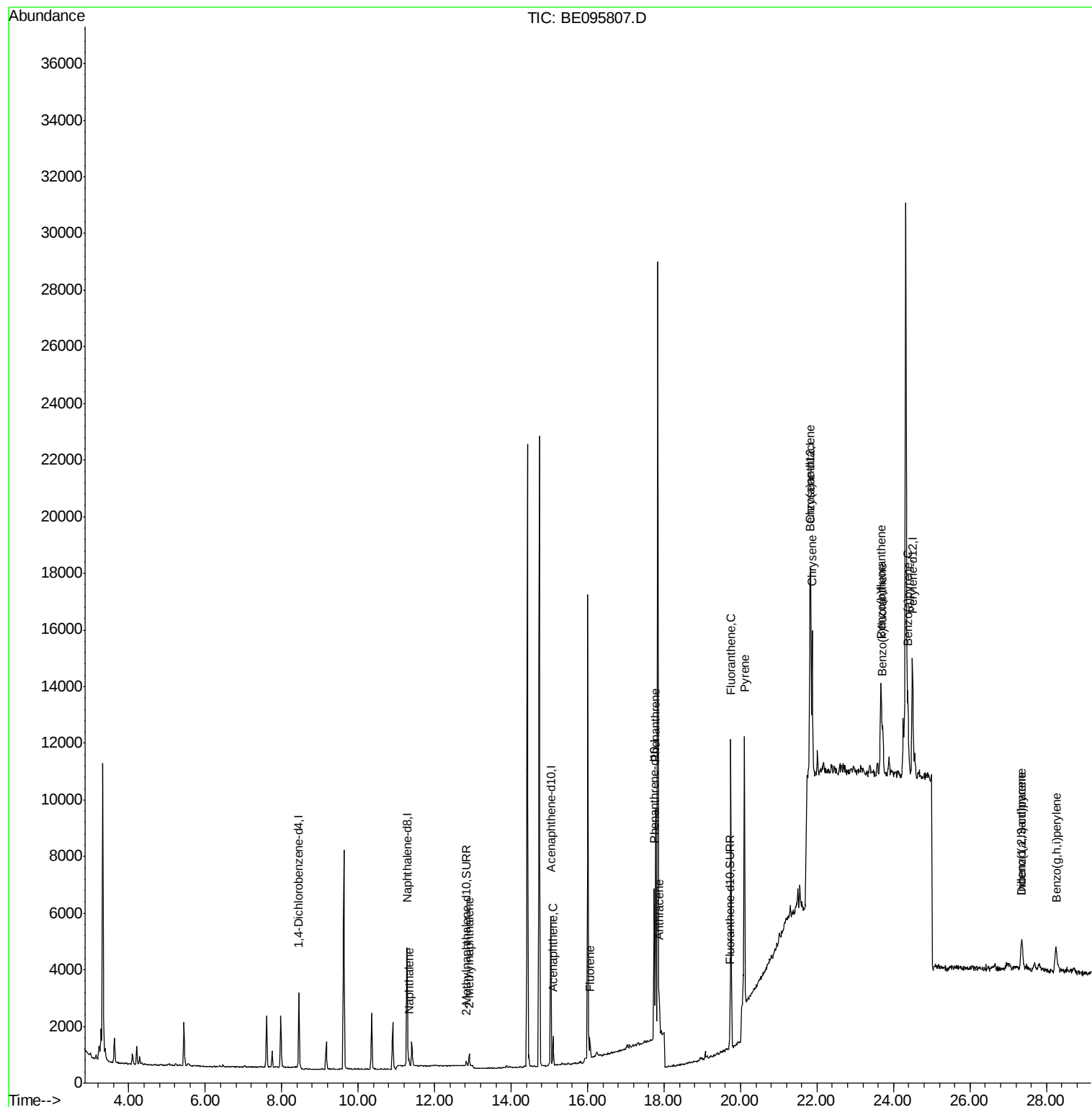
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
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ALS Vial : 11 Sample Multiplier: 1

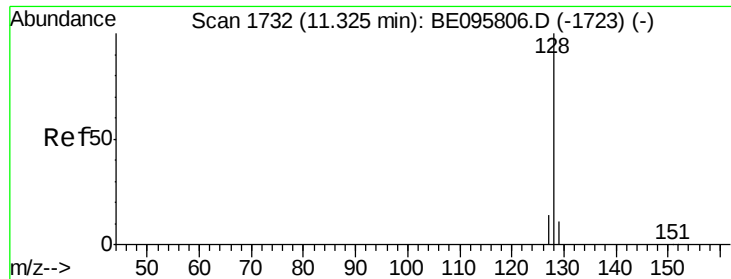
Instrument :
BNA_E
ClientSampleId :
F6F00DL

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Quant Time: Mar 16 03:00:07 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





#3

Naphthalene

Concen: 0.024 ng/ul

RT: 11.32 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Instrument :

BNA_E

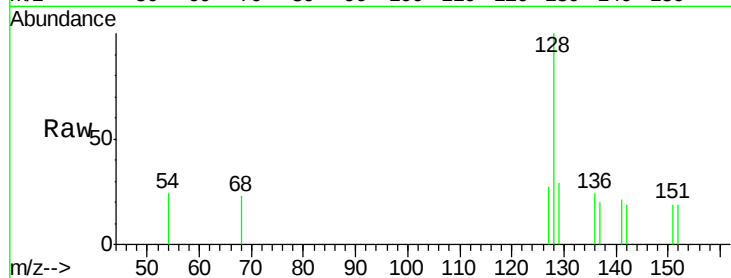
ClientSampleId :

F6F00DL

Tot Ion:	128	Resp:	381
Ion Ratio	Lower	Upper	
128	100		
129	29.0	11.3	16.9#
127	26.8	4.0	6.0#

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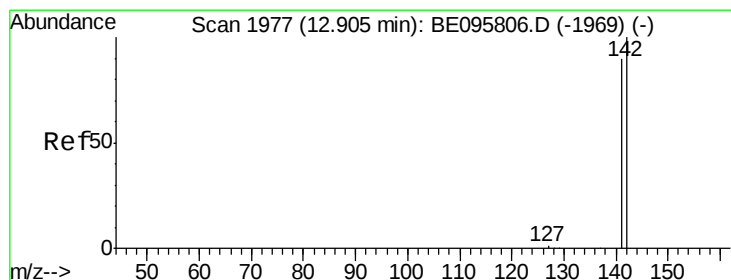
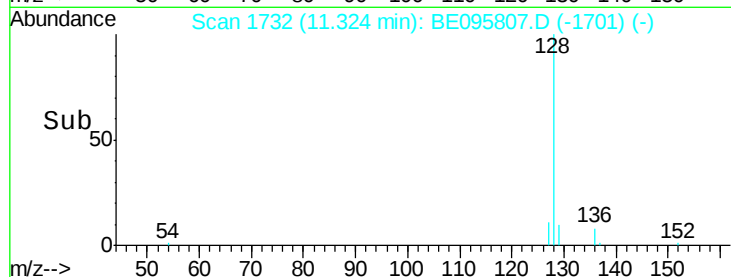
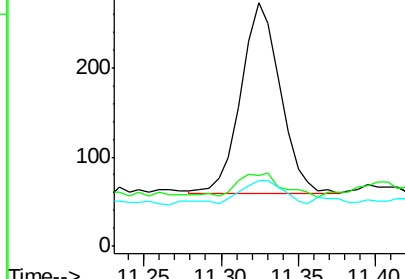
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

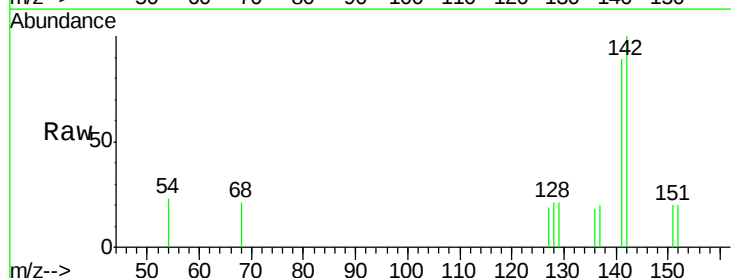
RT: 12.90 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BE095807.D

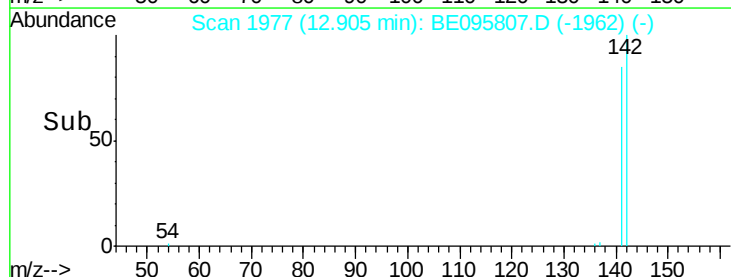
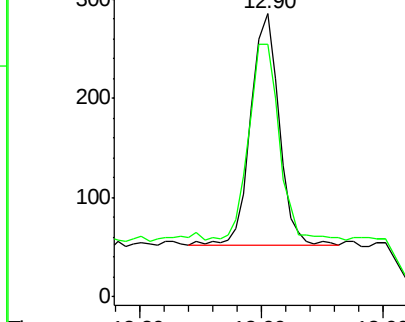
Acq: 15 Mar 2018 17:16

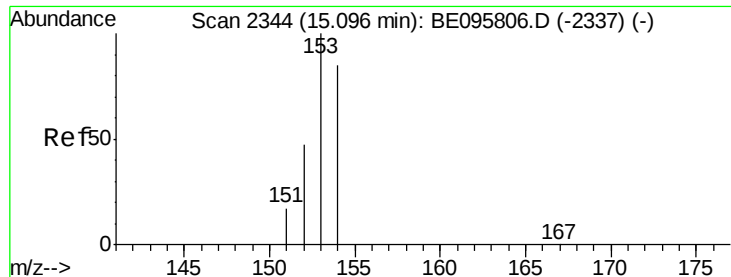
Tgt Ion:	142	Resp:	371
Ion Ratio	Lower	Upper	
142	100		
141	90.8	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.050 ng/ul

RT: 15.10 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Instrument :

BNA_E

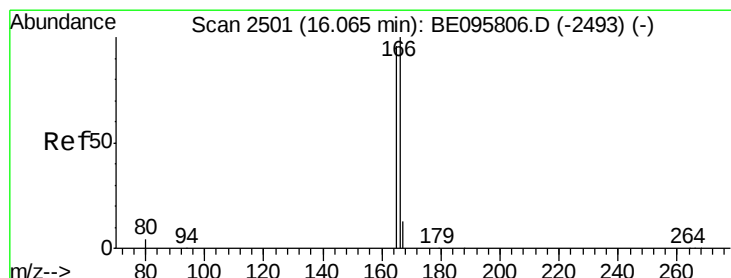
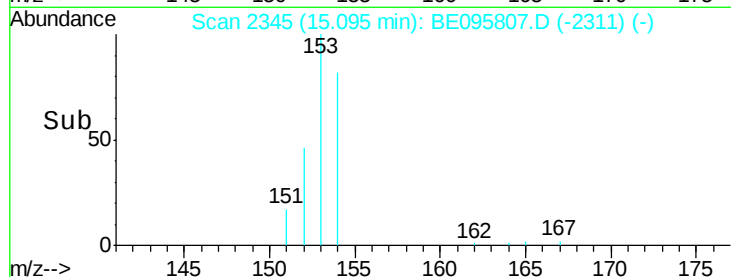
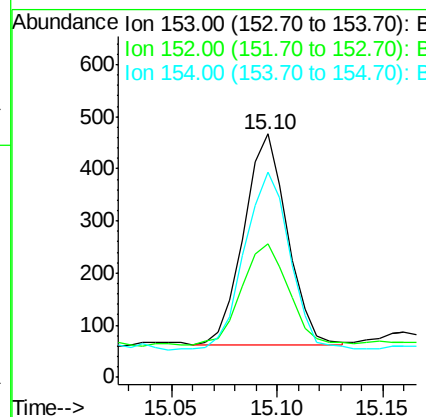
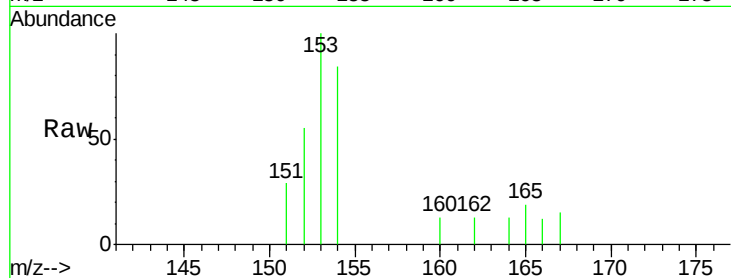
ClientSampleId :

F6F00DL

Tot Ion:	153	Resp:	576
Ion Ratio	Lower	Upper	
153	100		
152	55.0	36.0	54.0#
154	84.2	72.0	108.0#

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#9

Fluorene

Concen: 0.041 ng/ul

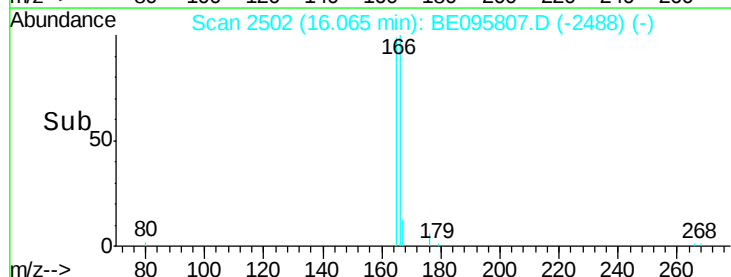
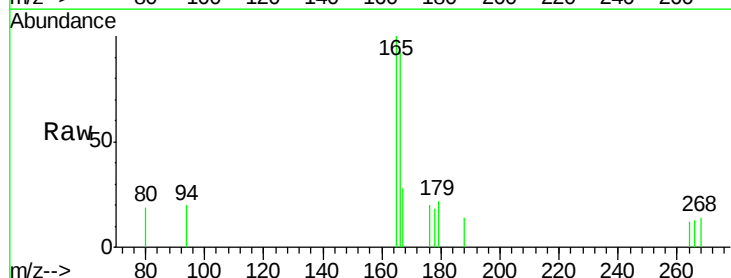
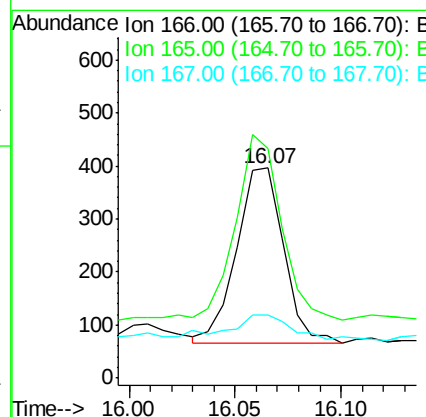
RT: 16.07 min Scan# 2502

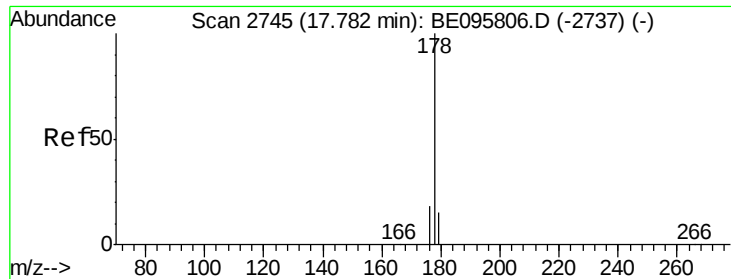
Delta R.T. 0.00 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Tgt Ion:	166	Resp:	511
Ion Ratio	Lower	Upper	
166	100		
165	109.1	73.4	110.2
167	30.1	14.6	22.0#





#12

Phenanthrene

Concen: 0.449 ng/ul m

RT: 17.78 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Instrument :

BNA_E

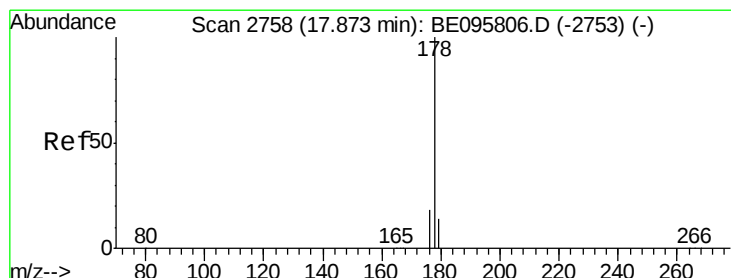
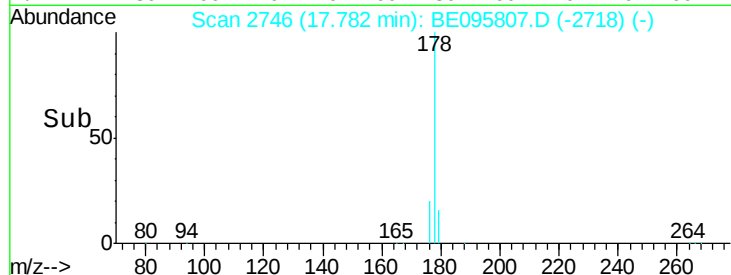
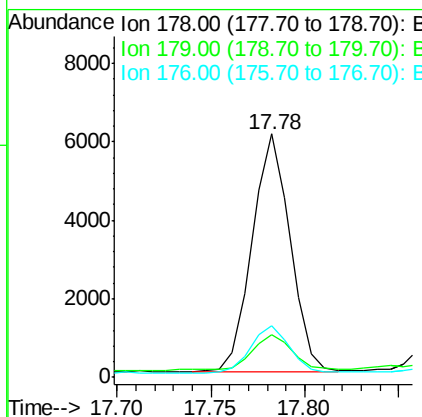
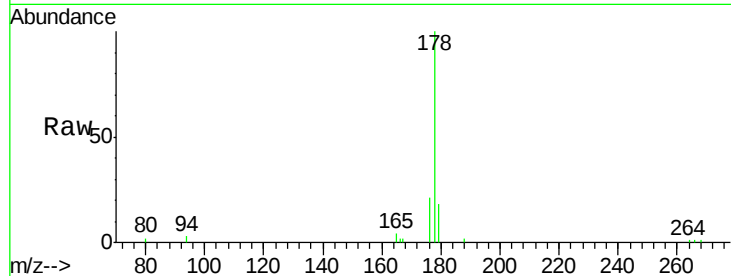
ClientSampleId :

F6F00DL

Tot Ion:178	Resp:	8517
Ion Ratio	Lower	Upper
178	100	
179	17.8	18.4 27.6#
176	21.4	13.6 20.4#

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#13

Anthracene

Concen: 0.105 ng/ul m

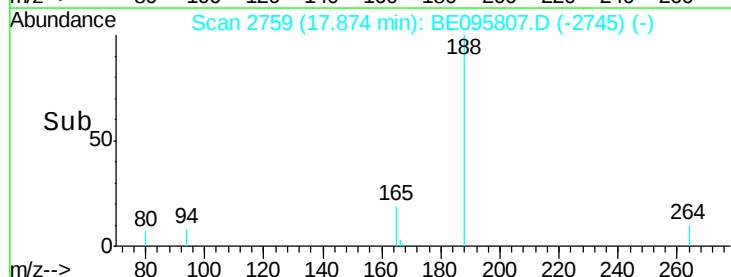
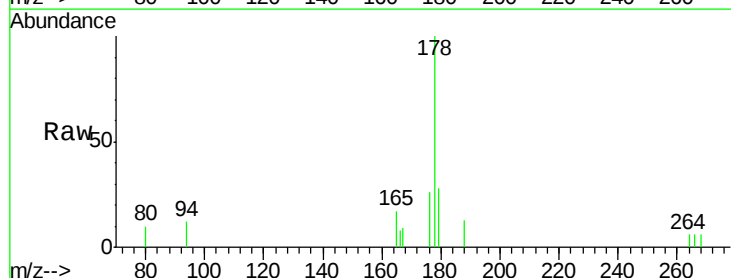
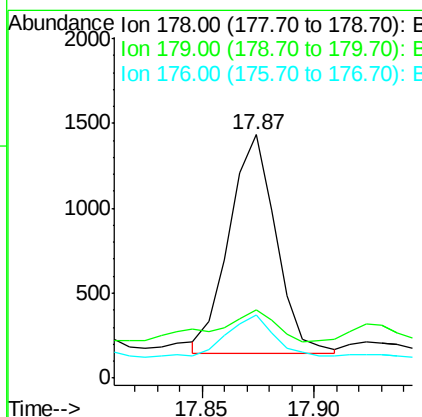
RT: 17.87 min Scan# 2759

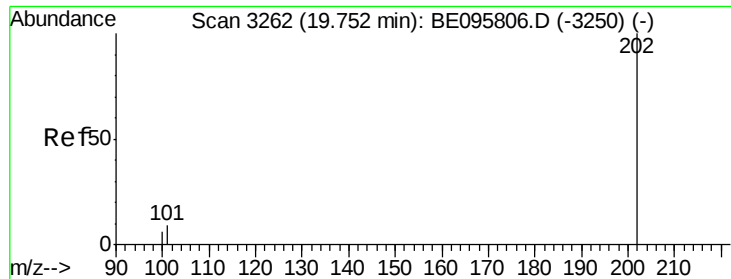
Delta R.T. 0.00 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Tgt Ion:178	Resp:	1861
Ion Ratio	Lower	Upper
178	100	
179	27.9	18.1 27.1#
176	26.2	14.7 22.1#





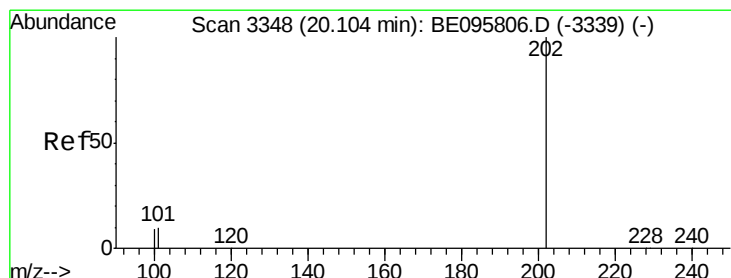
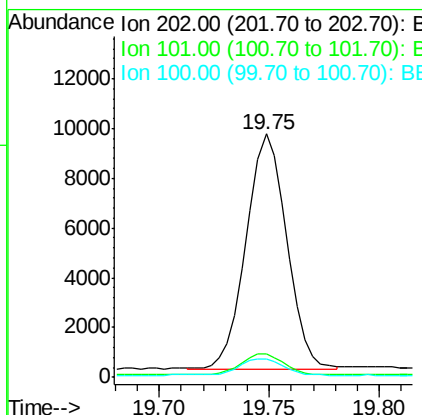
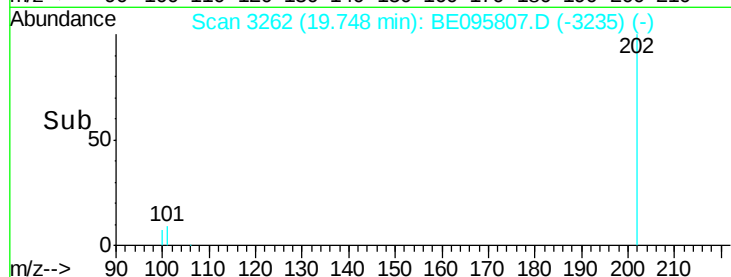
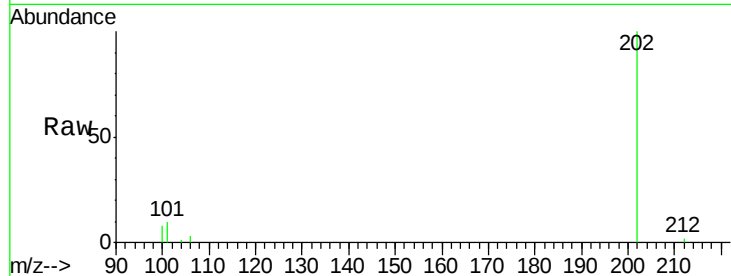
#15
Fluoranthene
 Concen: 0.529 ng/ul m
 RT: 19.75 min Scan# 3262
 Delta R.T. -0.00 min
 Lab File: BE095807.D
 Acq: 15 Mar 2018 17:16

Instrument :
 BNA_E
 ClientSampleId :
 F6F00DL

Tot Ion:	202	Resp:	12162
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.3
100	7.7	0.0	39.5

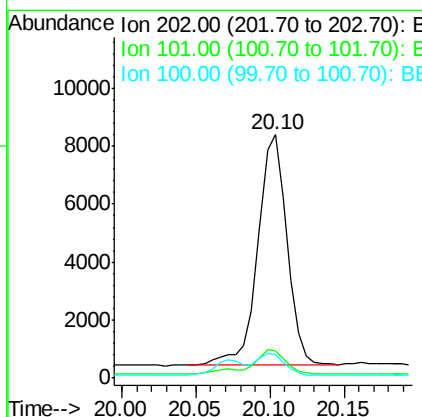
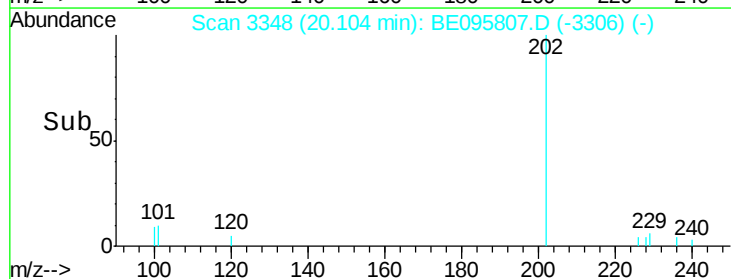
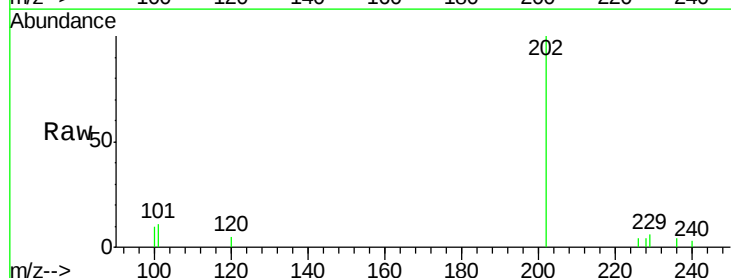
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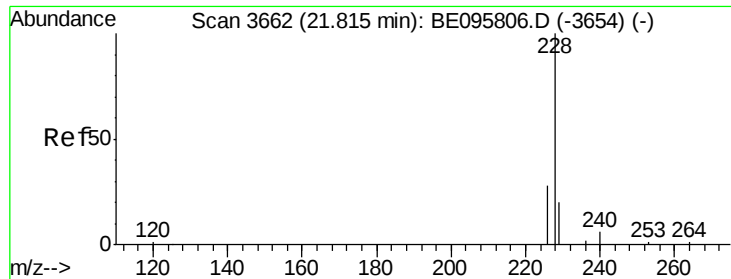
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#17
Pyrene
 Concen: 0.456 ng/ul
 RT: 20.10 min Scan# 3348
 Delta R.T. -0.00 min
 Lab File: BE095807.D
 Acq: 15 Mar 2018 17:16

Tgt Ion:	202	Resp:	10908
Ion Ratio	Lower	Upper	
202	100		
101	11.0	18.2	27.4#
100	9.6	15.6	23.4#





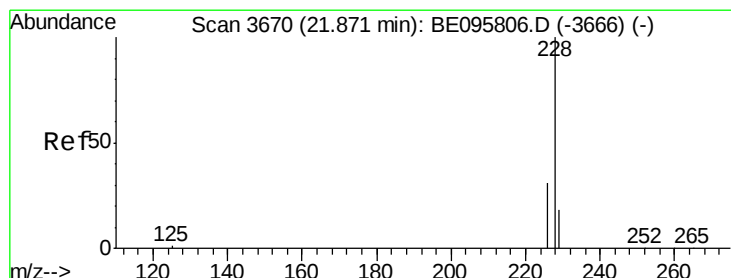
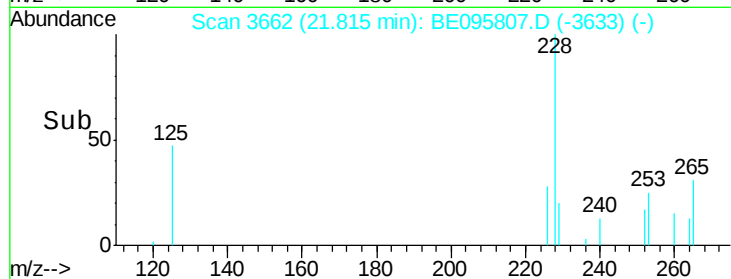
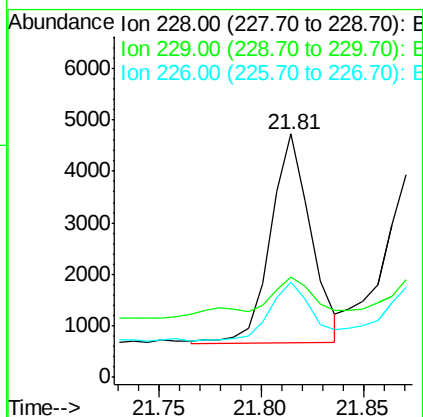
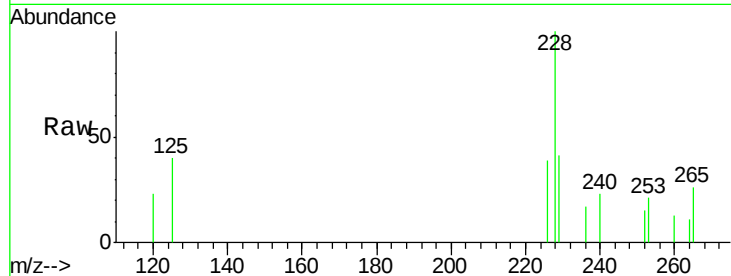
#18
Benzo(a)anthracene
Concen: 0.274 ng/ul m
RT: 21.81 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BE095807.D
Acq: 15 Mar 2018 17:16

Instrument :
BNA_E
ClientSampleId :
F6F00DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	41.1	22.8	34.2#
226	39.1	17.0	25.6#

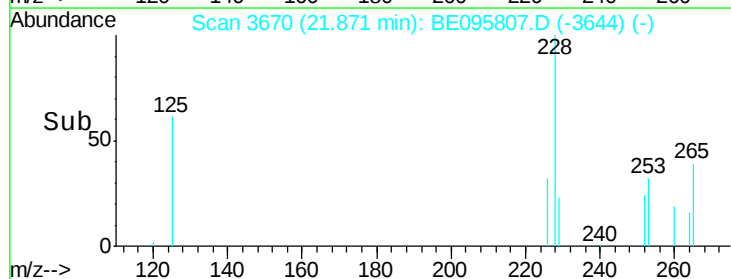
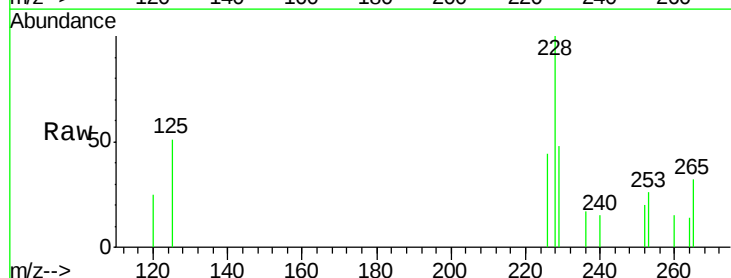
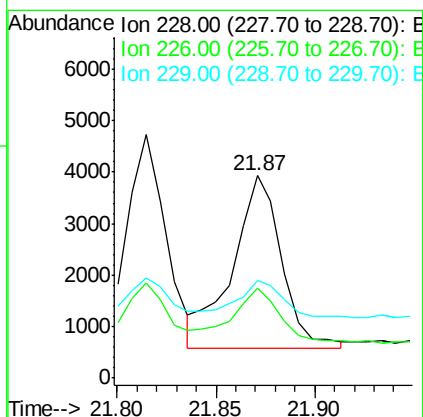
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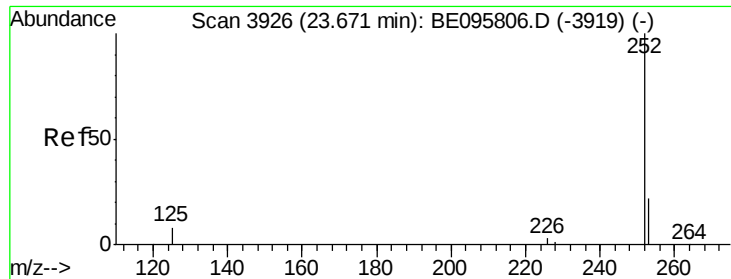
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#19
Chrysene
Concen: 0.284 ng/ul m
RT: 21.87 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BE095807.D
Acq: 15 Mar 2018 17:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	44.3	23.4	35.0#
229	47.9	17.7	26.5#





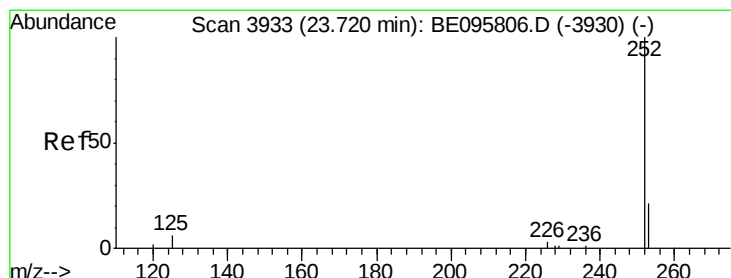
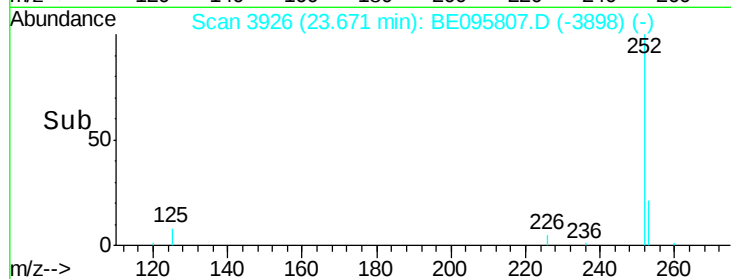
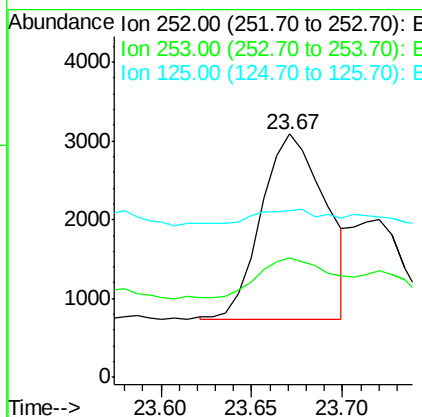
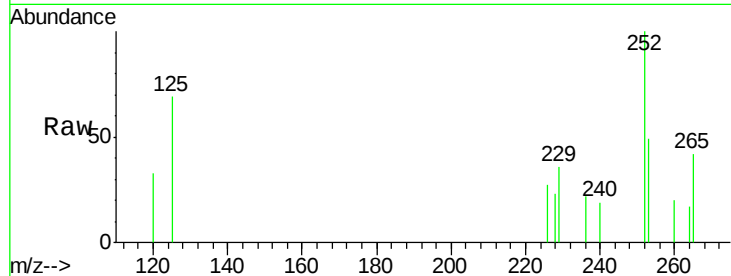
#21
Benzo(b)fluoranthene
Concen: 0.259 ng/ul m
RT: 23.67 min Scan# 3926
Delta R.T. -0.00 min
Lab File: BE095807.D
Acq: 15 Mar 2018 17:16

Instrument :
BNA_E
ClientSampleId :
F6F00DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	5769		
253	49.1		0.0	64.2
125	68.5		0.0	35.0#

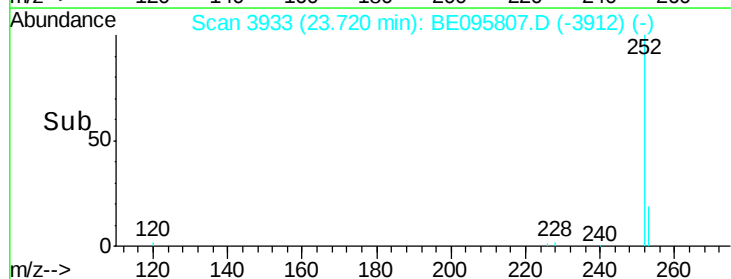
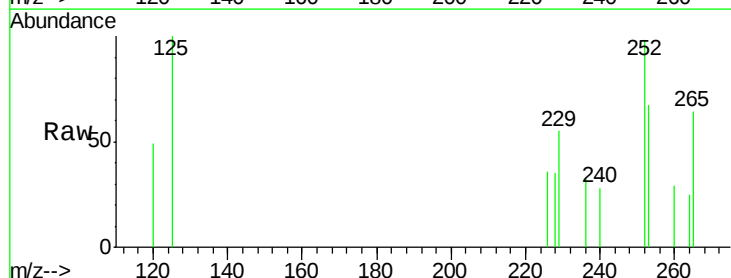
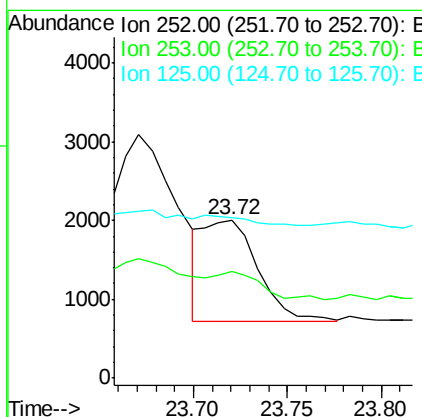
Manual Integrations
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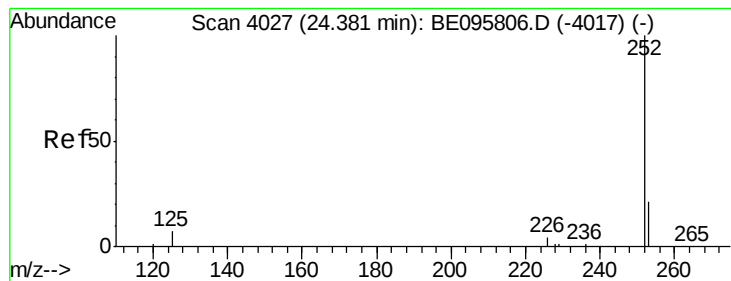
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#22
Benzo(k)fluoranthene
Concen: 0.124 ng/ul m
RT: 23.72 min Scan# 3933
Delta R.T. -0.00 min
Lab File: BE095807.D
Acq: 15 Mar 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	2628		
253	67.6		24.5	36.7#
125	101.6		13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.227 ng/ul

RT: 24.37 min Scan# 4026

Delta R.T. -0.01 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Instrument :

BNA_E

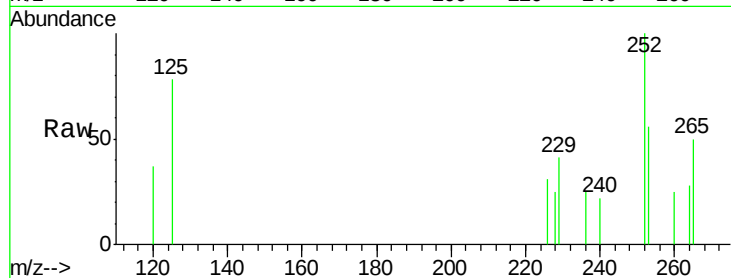
ClientSampleID :

F6F00DL

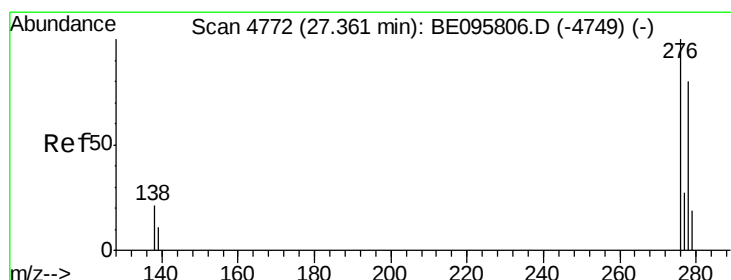
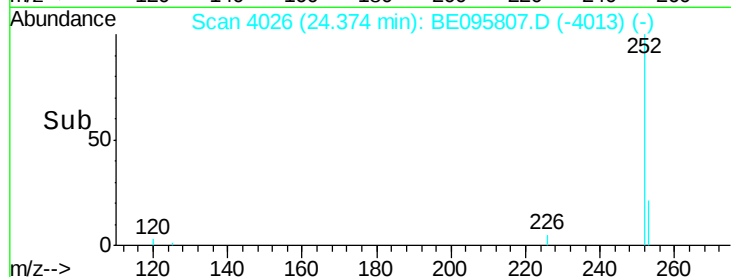
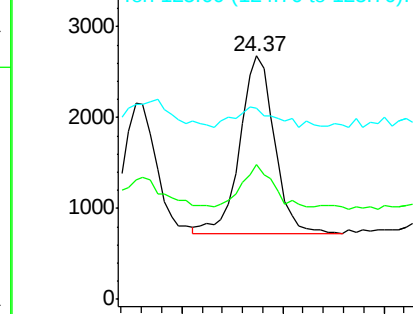
Tot Ion	Ratio	Lower	Upper
252	100		
253	55.6	28.5	42.7#
125	78.4	18.1	27.1#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.105 ng/ul

RT: 27.35 min Scan# 4768

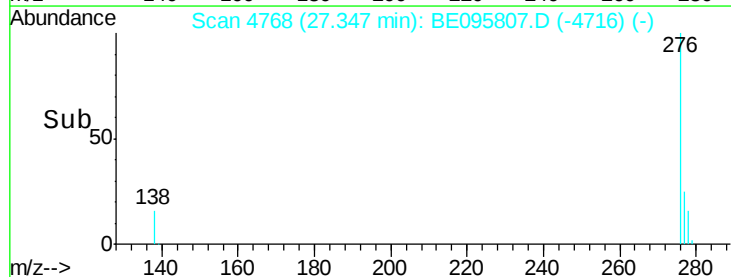
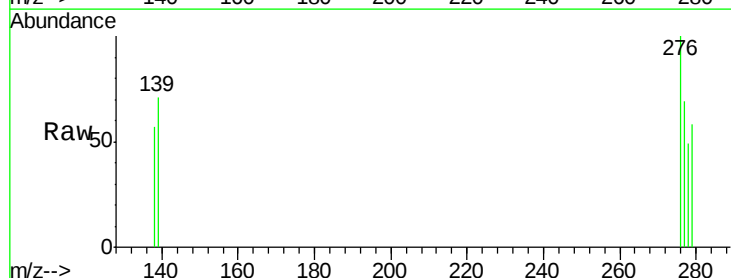
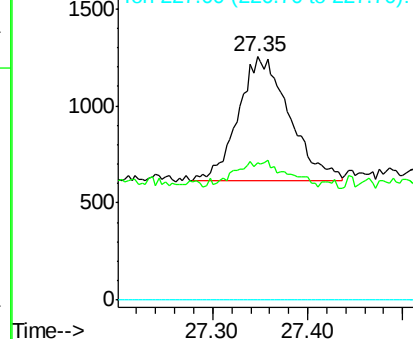
Delta R.T. -0.01 min

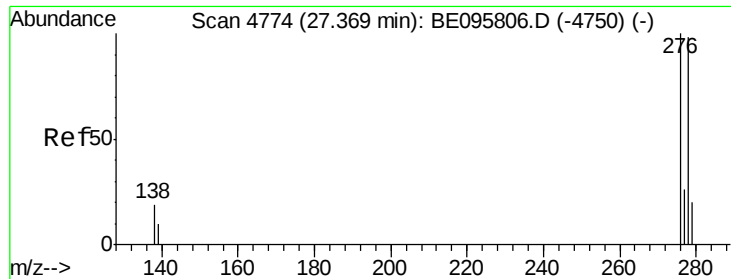
Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	8.0	42.0#
227	0.0	8.0	12.0#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





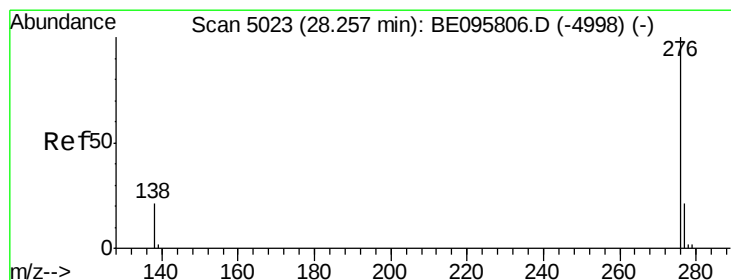
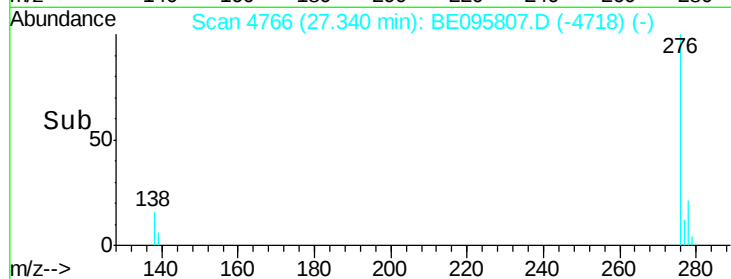
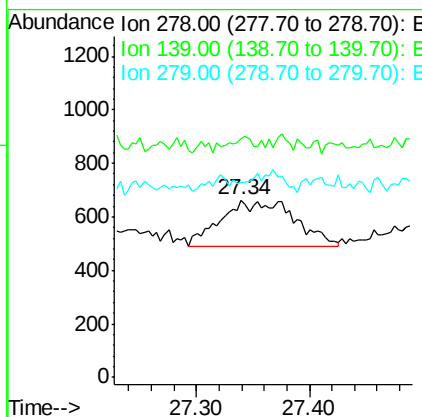
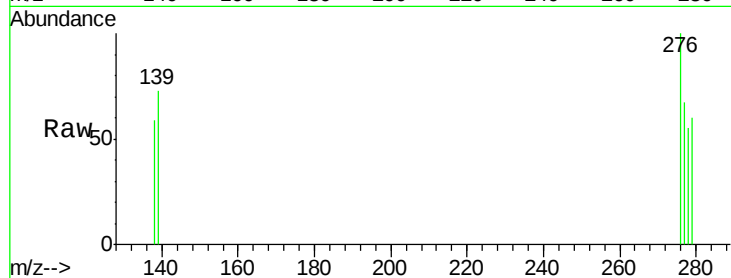
#25
Dibenzo(a,h)anthracene
Concen: 0.042 ng/ul
RT: 27.34 min Scan# 4766
Delta R.T. -0.03 min
Lab File: BE095807.D
Acq: 15 Mar 2018 17:16

Instrument :
BNA_E
ClientSampleId :
F6F00DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	134.2	17.4	26.0#
279	109.9	25.9	38.9#

Manual Integrations
APPROVED

Sohil
3/16/2018 12:03:44 PM



#26
Benzo(g,h,i)perylene
Concen: 0.142 ng/ul
RT: 28.25 min Scan# 5022
Delta R.T. -0.00 min
Lab File: BE095807.D
Acq: 15 Mar 2018 17:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	54.3	21.8	32.8#
277	65.1	20.5	30.7#

