

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE020318\
 Data File : BE095456.D
 Acq On : 4 Feb 2018 2:21
 Operator : SJ/JU
 Sample : J1314-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6C44

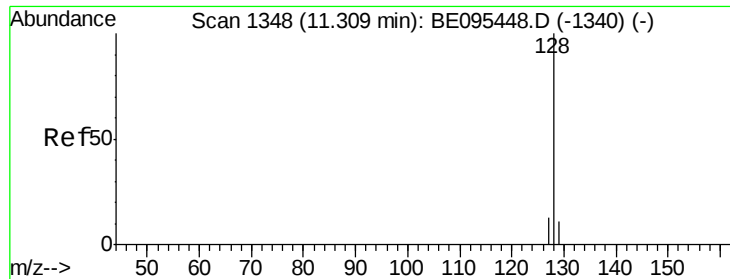
Manual Integrations
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 2/5/2018 7:02:44 PM

Quant Time: Feb 05 06:16:08 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 04:46:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1869	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5754	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4058	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7743	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7518	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	6604m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3206	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	7443	0.25	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.31	128	944	0.059	ng/ul#	77
5) 2-Methylnaphthalene	12.88	142	836	0.078	ng/ul	99
7) Acenaphthylene	14.75	152	8138	0.417	ng/ul#	75
8) Acenaphthene	15.08	153	1497	0.099	ng/ul#	83
9) Fluorene	16.03	166	1091m	0.070	ng/ul	
11) Pentachlorophenol	17.36	266	137598	91.749	ng/ul	96
12) Phenanthrene	17.75	178	32871	1.262	ng/ul	92
13) Anthracene	17.85	178	67245	2.821	ng/ul#	94
15) Fluoranthene	19.72	202	194777	5.776	ng/ul	83
17) Pyrene	20.08	202	226286	8.970	ng/ul#	77
18) Benzo(a)anthracene	21.79	228	65528	2.788	ng/ul#	89
19) Chrysene	21.84	228	69048m	2.829	ng/ul	
21) Benzo(b)fluoranthene	23.62	252	145104m	6.228	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	31578m	1.482	ng/ul	
23) Benzo(a)pyrene	24.32	252	37044m	1.781	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.26	276	51697m	2.266	ng/ul	
25) Dibenzo(a,h)anthracene	27.27	278	11627m	0.623	ng/ul	
26) Benzo(g,h,i)perylene	28.14	276	55368m	2.866	ng/ul	

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



#3

Naphthalene

Concen: 0.059 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Instrument :

BNA_E

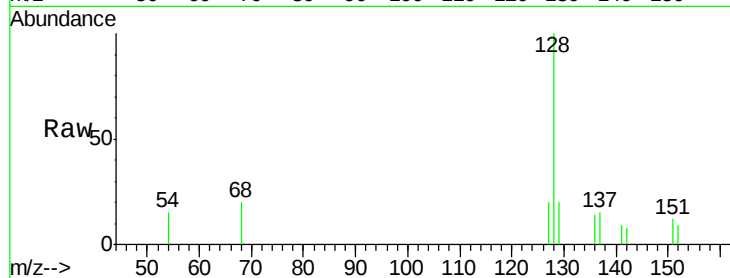
ClientSampleId :

F6C44

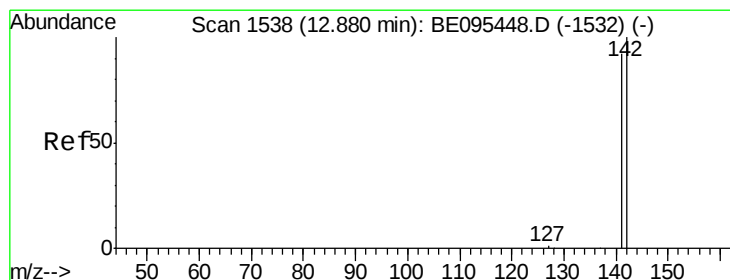
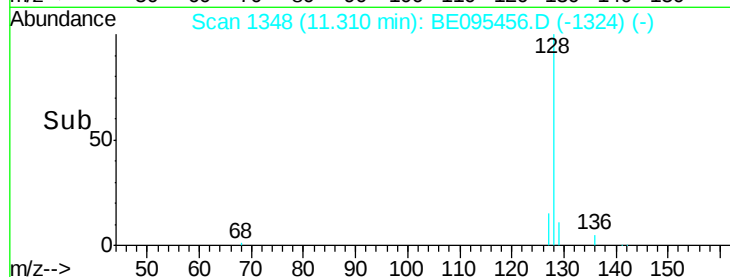
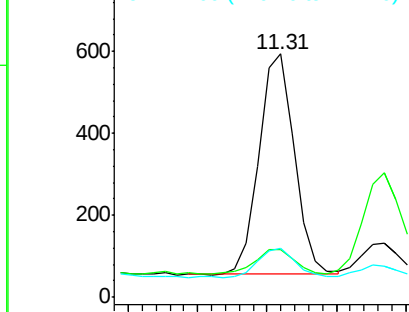
Tgt Ion:	128	Resp:	944
Ion Ratio	Lower	Upper	
128	100		
129	19.9	11.3	16.9#
127	20.4	4.0	6.0#

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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: 0.078 ng/ul

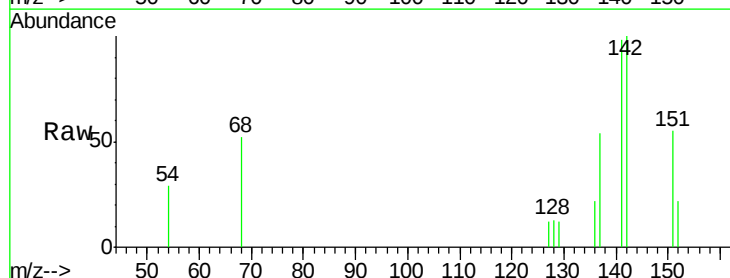
RT: 12.88 min Scan# 1538

Delta R.T. 0.00 min

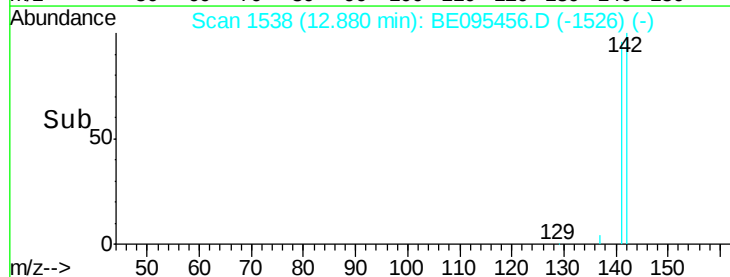
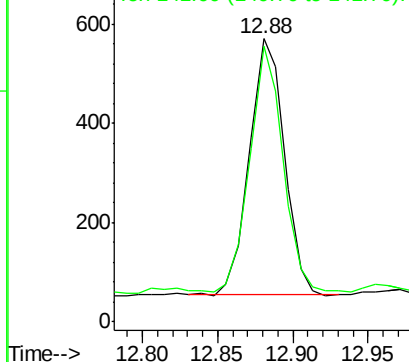
Lab File: BE095456.D

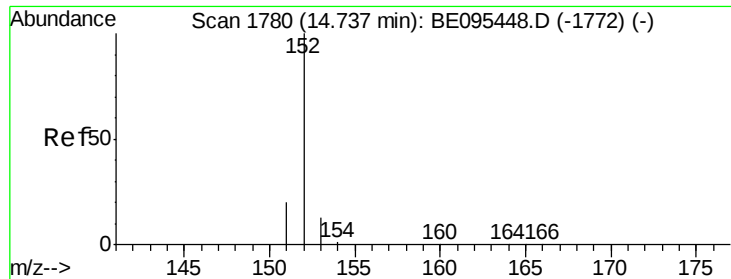
Acq: 4 Feb 2018 2:21

Tgt Ion:	142	Resp:	836
Ion Ratio	Lower	Upper	
142	100		
141	92.0	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: 0.417 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Instrument :

BNA_E

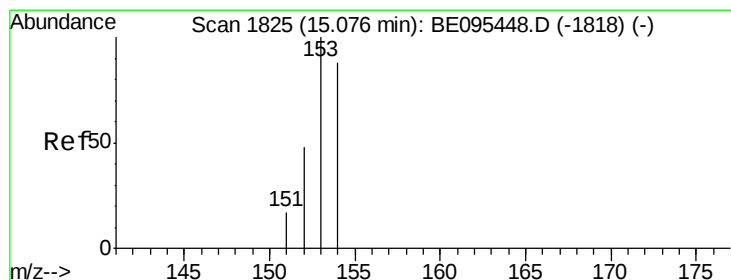
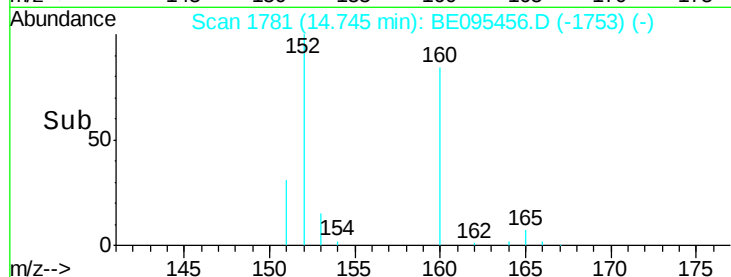
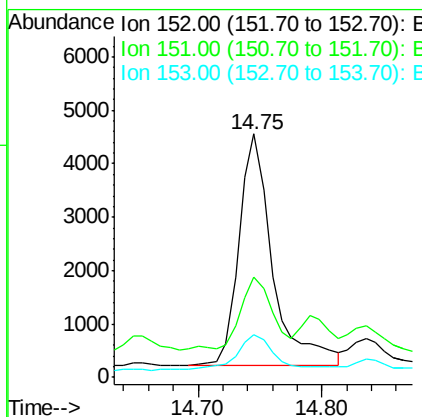
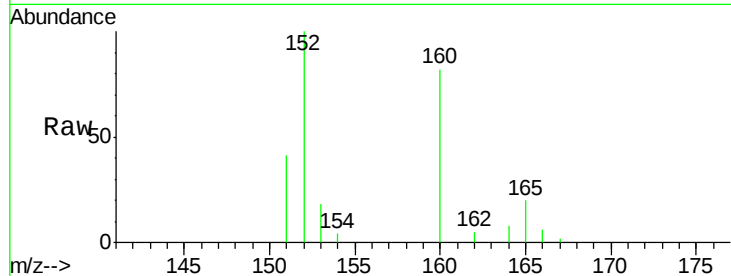
ClientSampleId :

F6C44

Tgt Ion:	152	Resp:	8138
Ion Ratio	Lower	Upper	
152	100		
151	41.0	17.1	25.7#
153	17.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.099 ng/ul

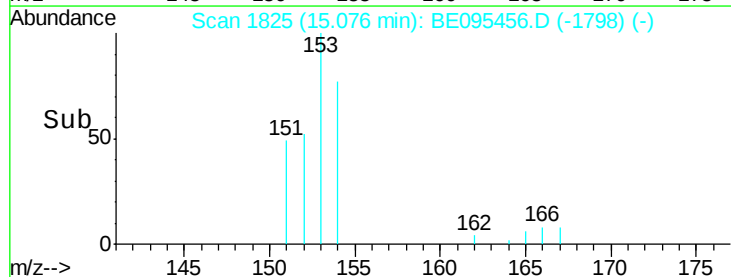
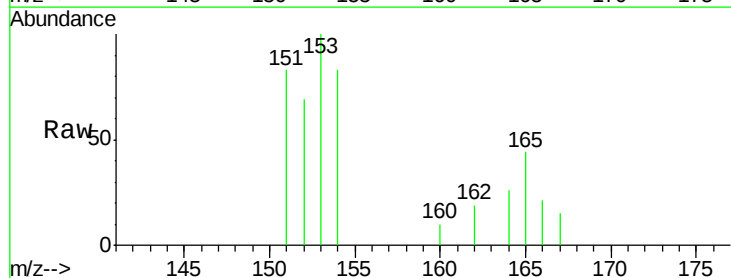
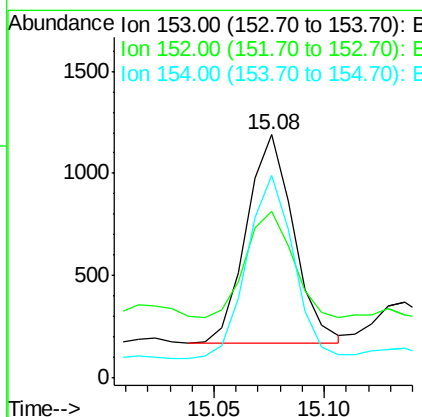
RT: 15.08 min Scan# 1825

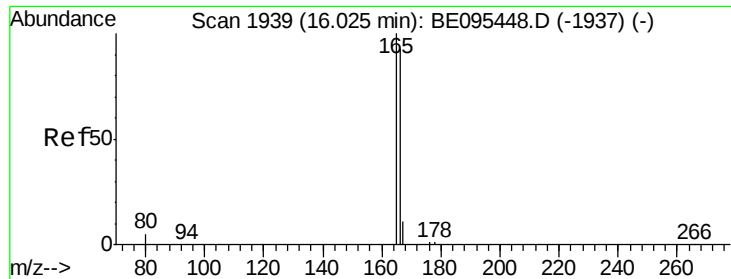
Delta R.T. 0.00 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Tgt Ion:	153	Resp:	1497
Ion Ratio	Lower	Upper	
153	100		
152	68.6	36.0	54.0#
154	83.3	72.0	108.0





#9

Fluorene

Concen: 0.070 ng/ul m

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Instrument :

BNA_E

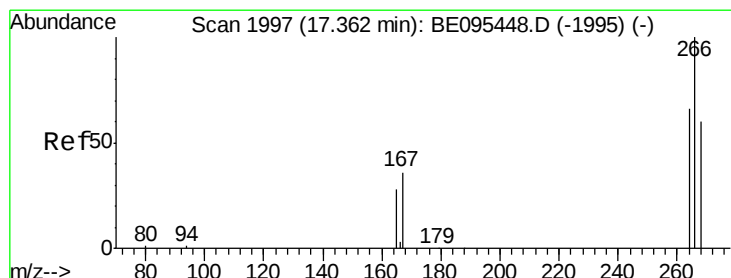
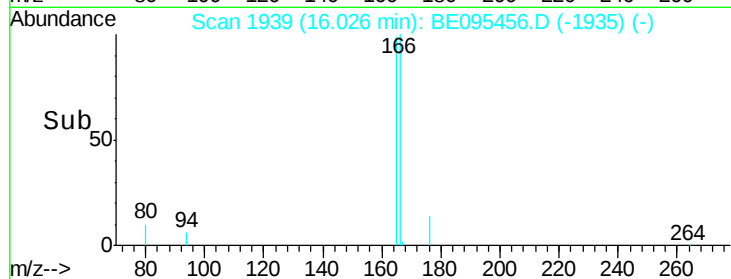
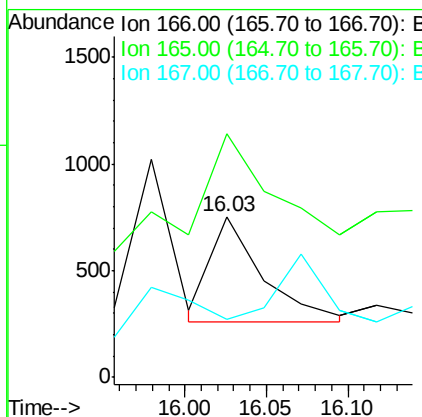
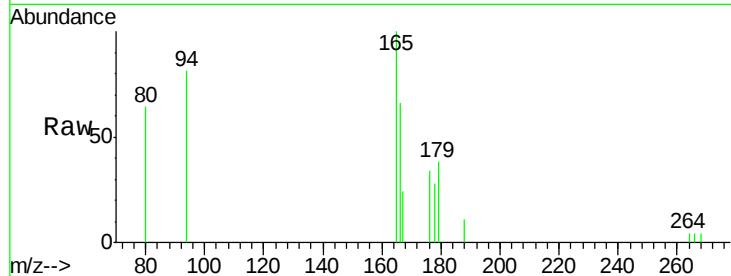
ClientSampleId :

F6C44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	151.3	73.4	110.2#
167	36.3	14.6	22.0#

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#11

Pentachlorophenol

Concen: 91.749 ng/ul

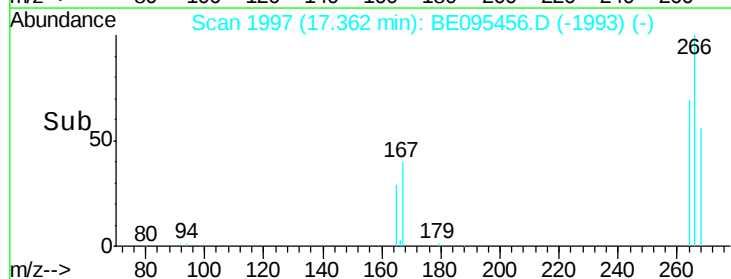
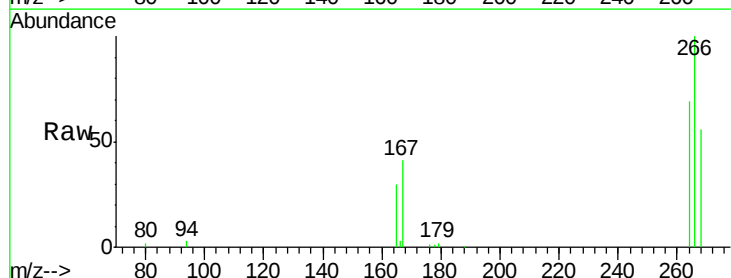
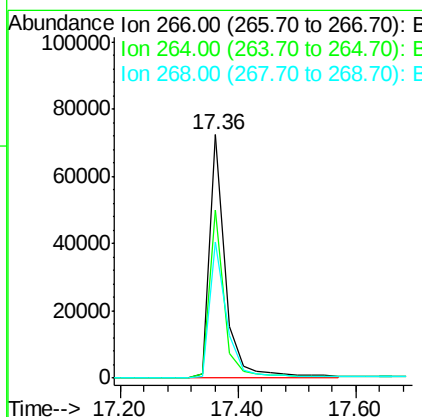
RT: 17.36 min Scan# 1997

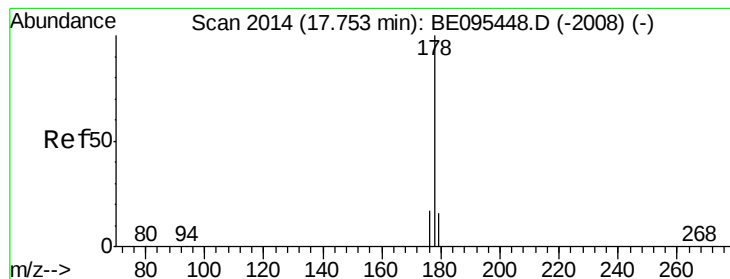
Delta R.T. 0.00 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.4	47.9	71.9
268	61.1	49.8	74.8





#12

Phenanthrene

Concen: 1.262 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Instrument :

BNA_E

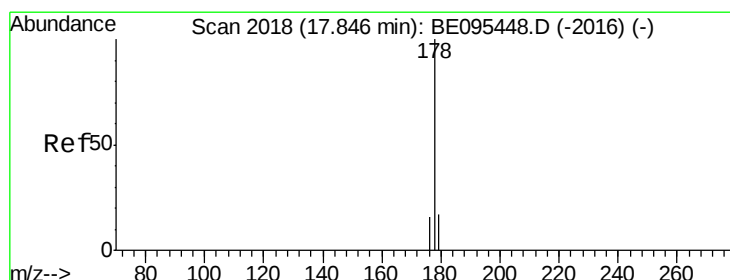
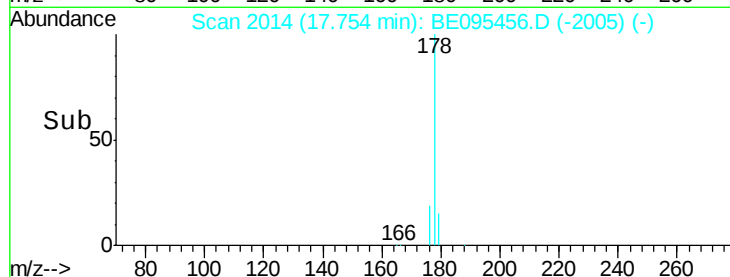
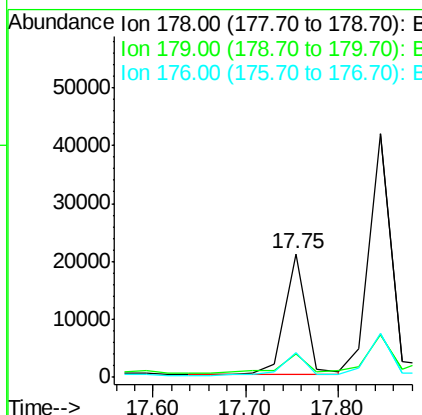
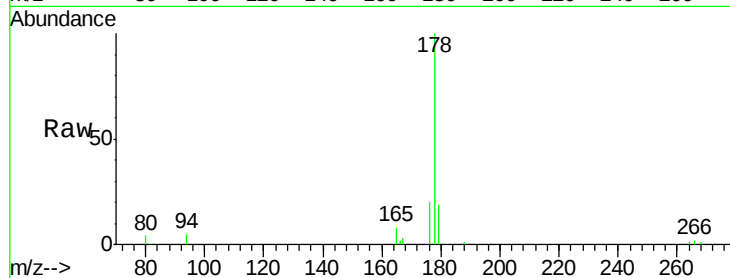
ClientSampled :

F6C44

Tgt Ion:	178	Resp:	32871
Ion Ratio	Lower	Upper	
178	100		
179	19.1	18.4	27.6
176	20.0	13.6	20.4

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#13

Anthracene

Concen: 2.821 ng/ul

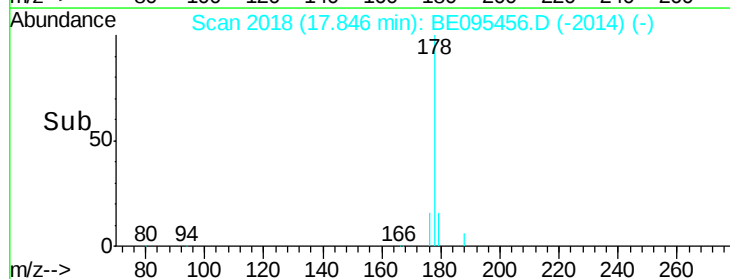
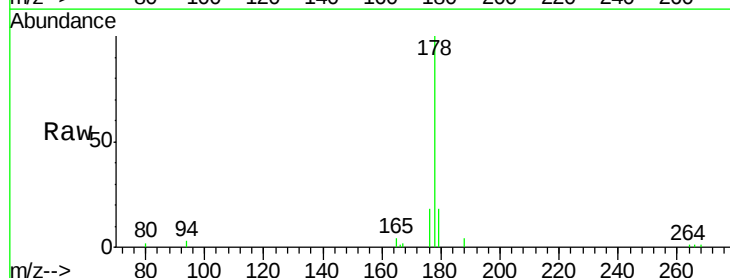
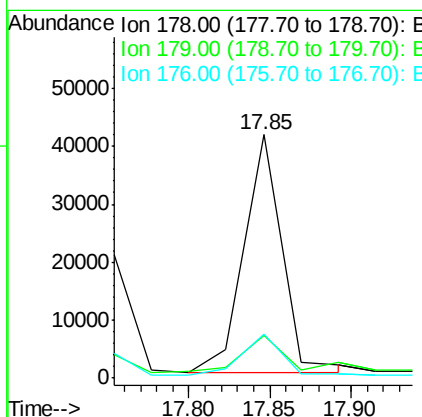
RT: 17.85 min Scan# 2018

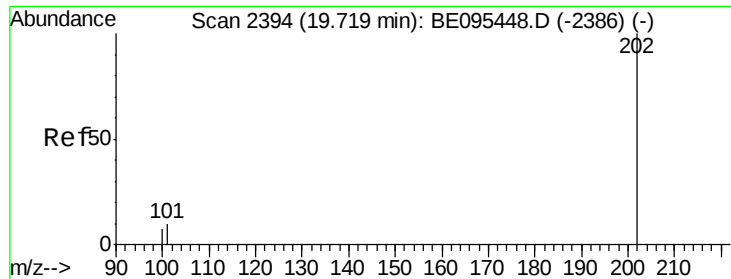
Delta R.T. 0.00 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Tgt Ion:	178	Resp:	67245
Ion Ratio	Lower	Upper	
178	100		
179	17.5	18.1	27.1#
176	18.1	14.7	22.1





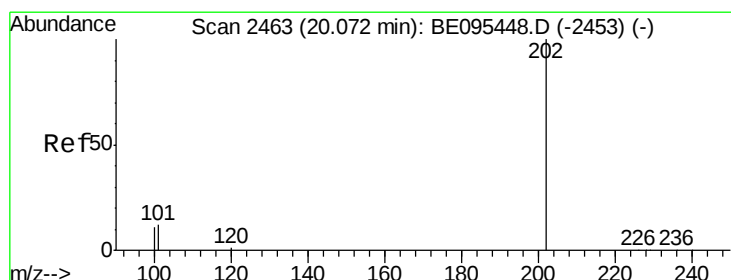
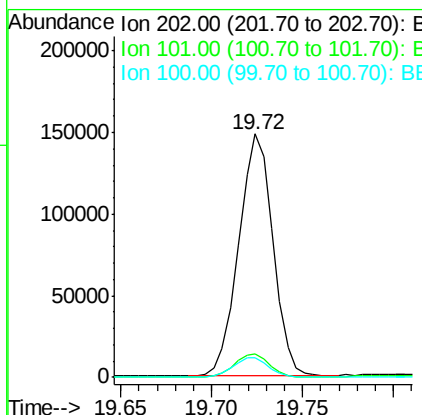
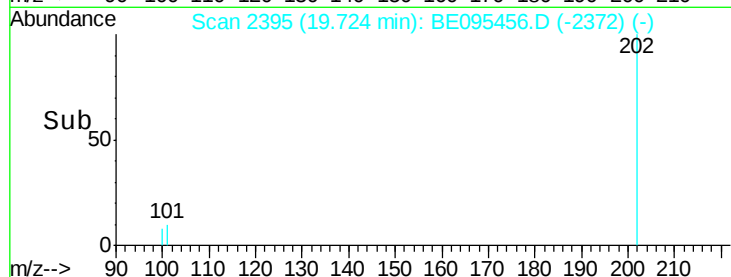
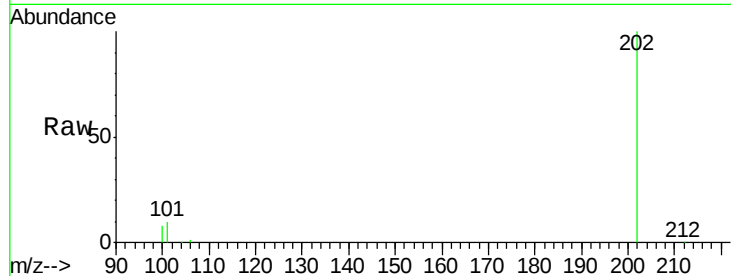
#15
Fluoranthene
Concen: 5.776 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BE095456.D
Acq: 4 Feb 2018 2:21

Instrument :
BNA_E
ClientSampleId :
F6C44

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.7	0.0	30.3
100	8.0	0.0	39.5

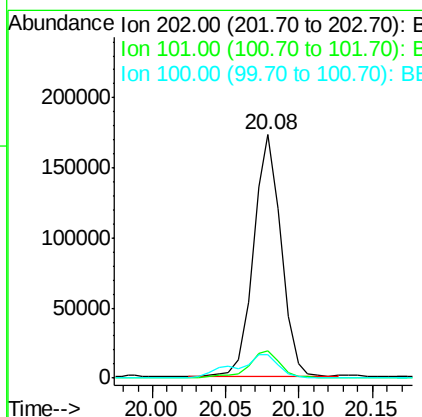
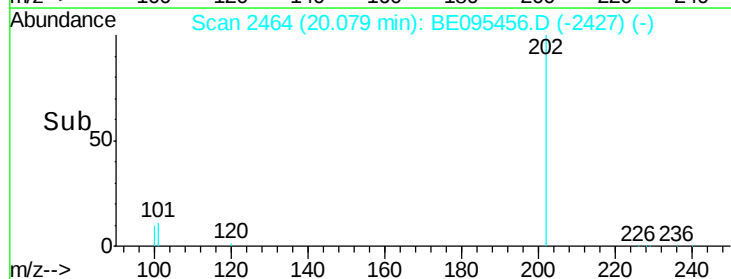
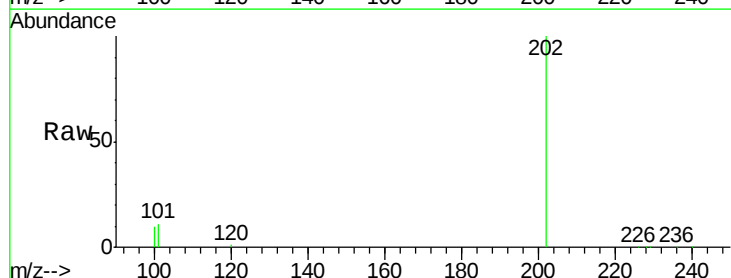
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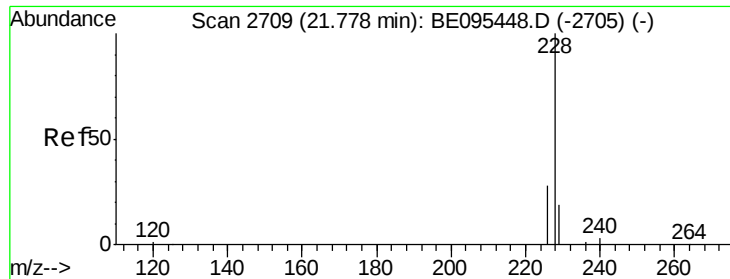
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#17
Pyrene
Concen: 8.970 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.01 min
Lab File: BE095456.D
Acq: 4 Feb 2018 2:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	18.2	27.4#
100	9.8	15.6	23.4#





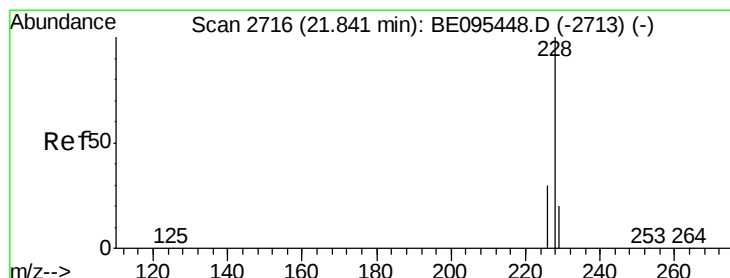
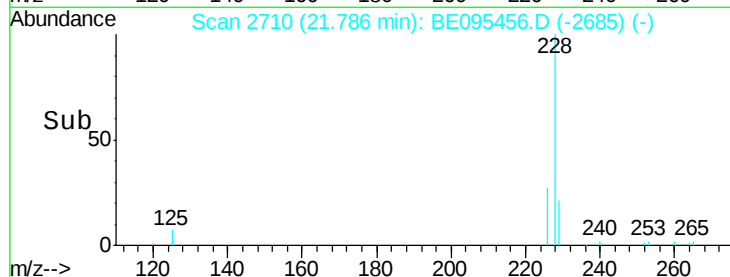
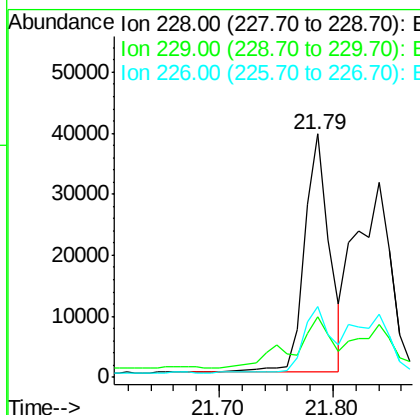
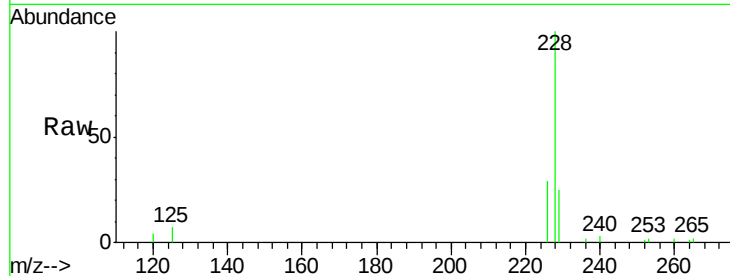
#18
Benzo(a)anthracene
Concen: 2.788 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.01 min
Lab File: BE095456.D
Acq: 4 Feb 2018 2:21

Instrument :
BNA_E
ClientSampled :
F6C44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.0	22.8	34.2
226	29.2	17.0	25.6#

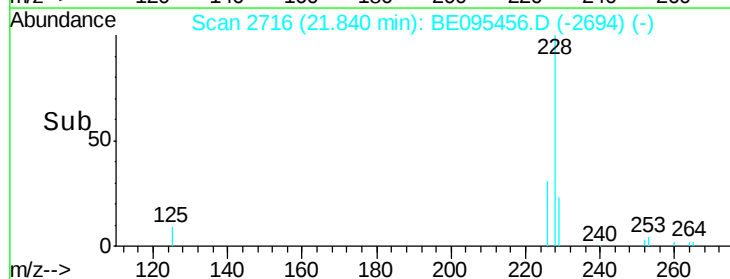
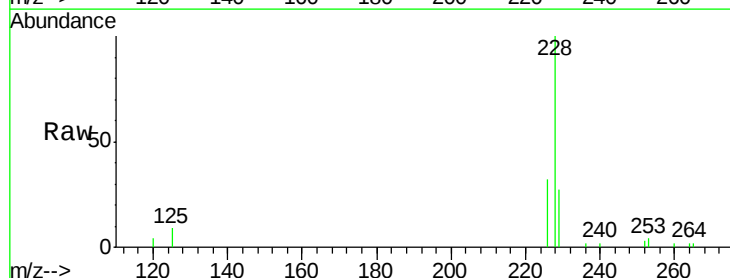
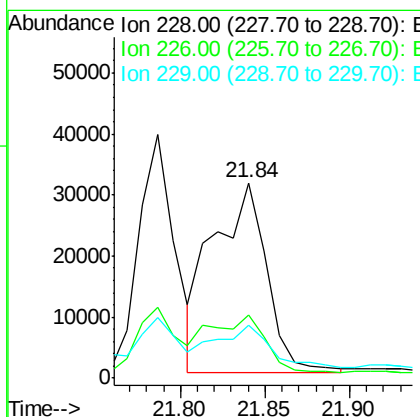
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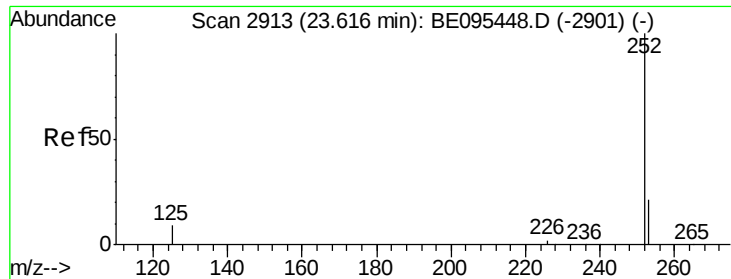
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#19
Chrysene
Concen: 2.829 ng/ul m
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095456.D
Acq: 4 Feb 2018 2:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.4	35.0
229	27.1	17.7	26.5#





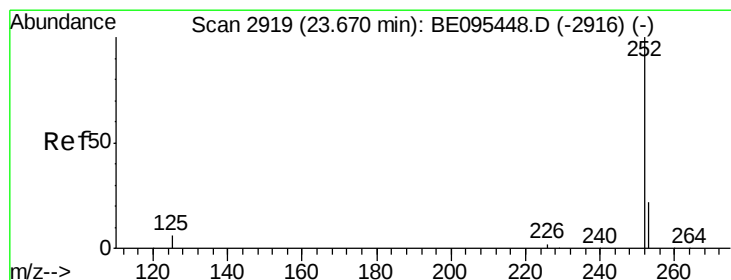
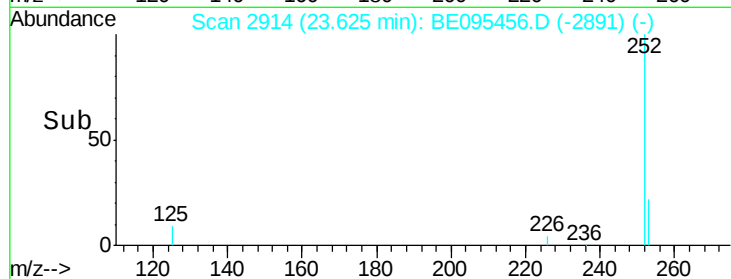
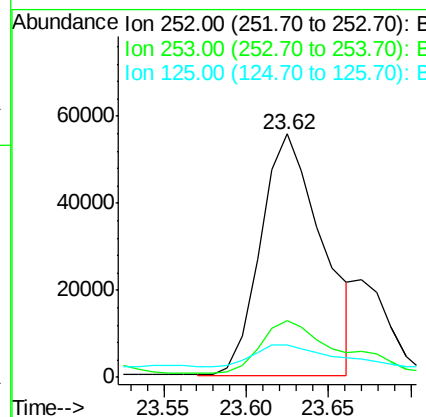
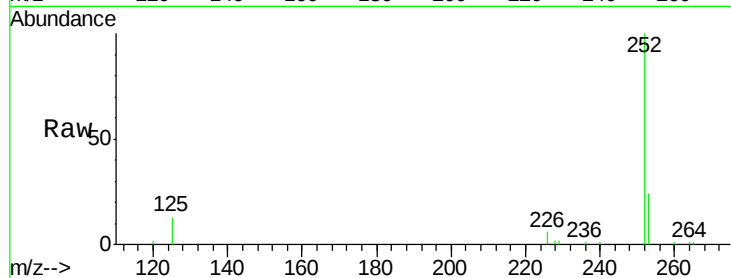
#21
Benzo(b)fluoranthene
Concen: 6.228 ng/ul m
RT: 23.62 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095456.D
Acq: 4 Feb 2018 2:21

Instrument :
BNA_E
ClientSampleId :
F6C44

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	0.0	64.2
125	13.3	0.0	35.0

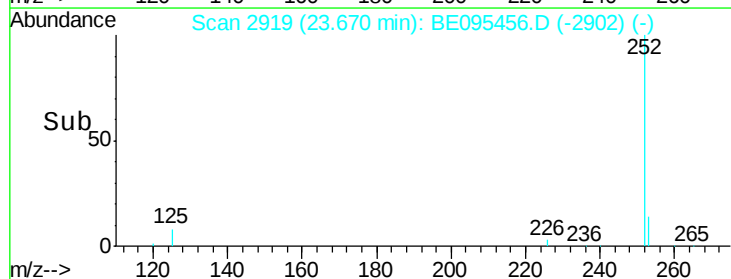
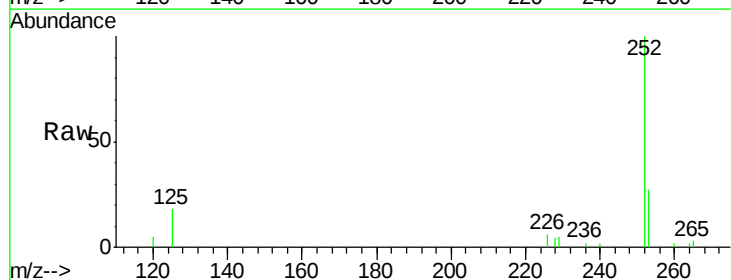
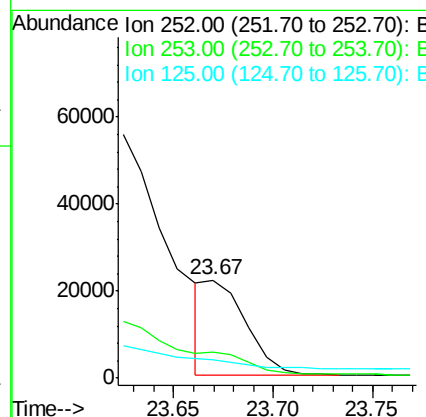
Manual Integrations
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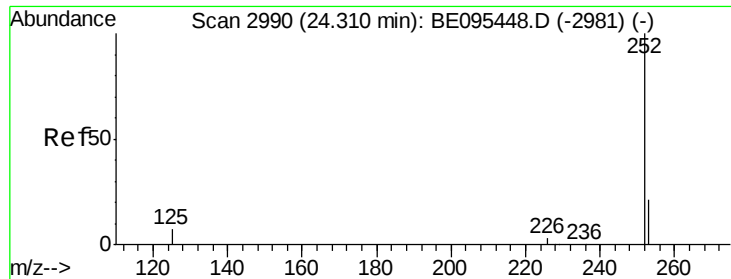
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#22
Benzo(k)fluoranthene
Concen: 1.482 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE095456.D
Acq: 4 Feb 2018 2:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.7	24.5	36.7
125	18.3	13.7	20.5





#23

Benzo(a)pyrene

Concen: 1.781 ng/ul m

RT: 24.32 min Scan# 2991

Delta R.T. 0.01 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Instrument :

BNA_E

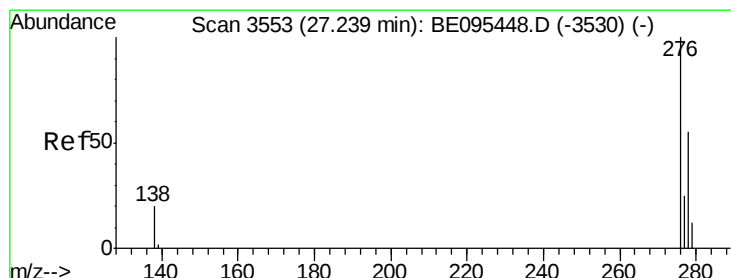
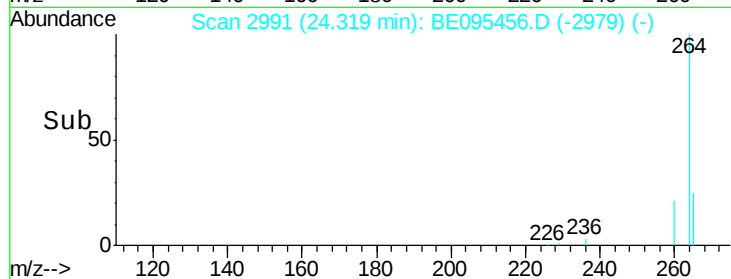
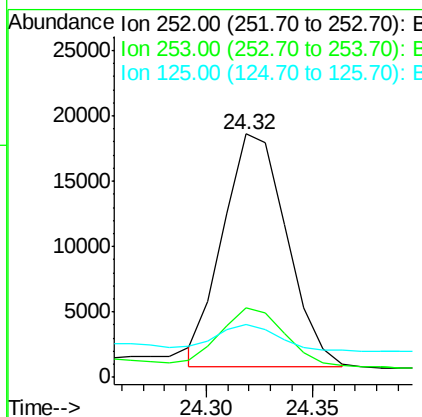
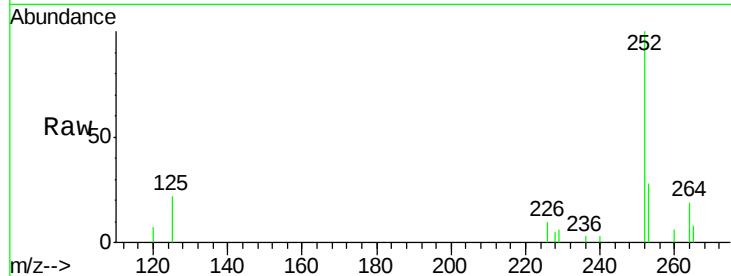
ClientSampleId :

F6C44

Tgt Ion:	252	Resp:	37044
Ion Ratio	Lower	Upper	
252	100		
253	28.3	28.5	42.7#
125	21.7	18.1	27.1

Manual Integrations
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Sohil
2/5/2018 7:02:44 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 2.266 ng/ul m

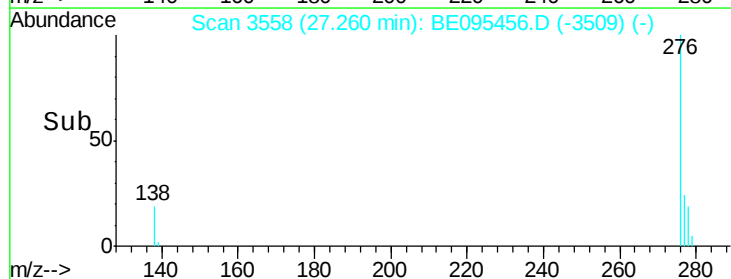
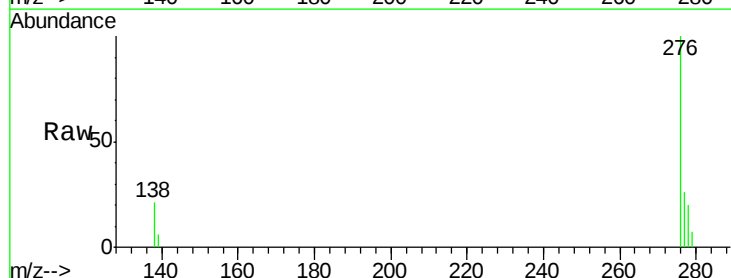
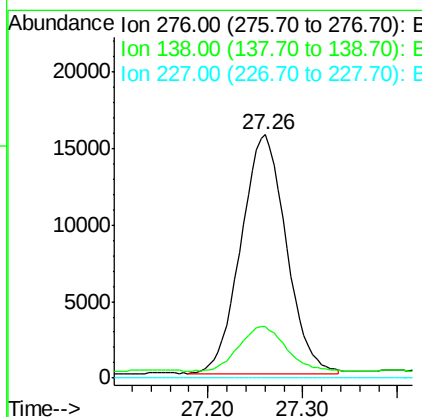
RT: 27.26 min Scan# 3558

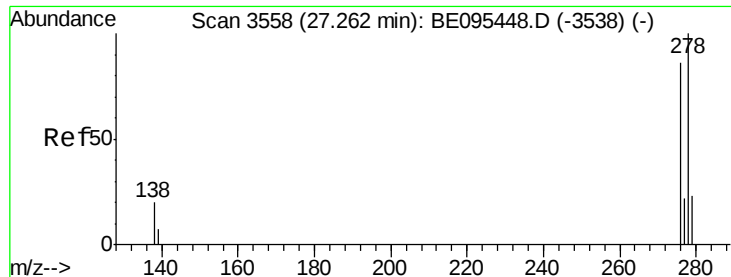
Delta R.T. 0.02 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Tgt Ion:	276	Resp:	51697
Ion Ratio	Lower	Upper	
276	100		
138	3.4	28.0	42.0#
227	0.0	8.0	12.0#





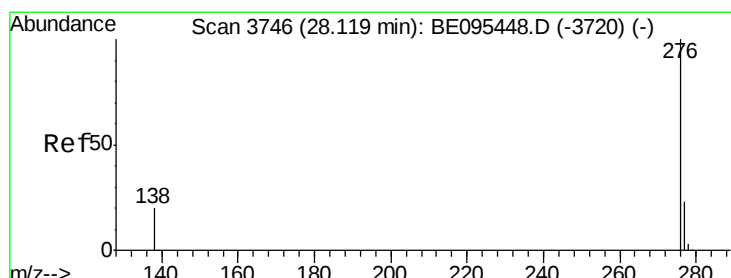
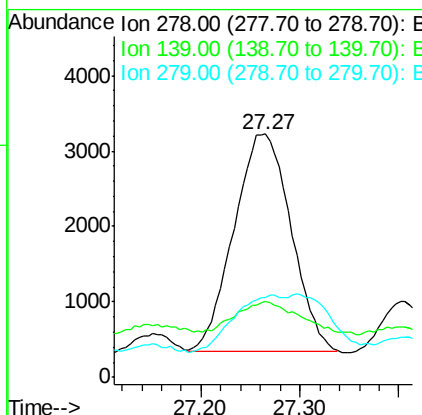
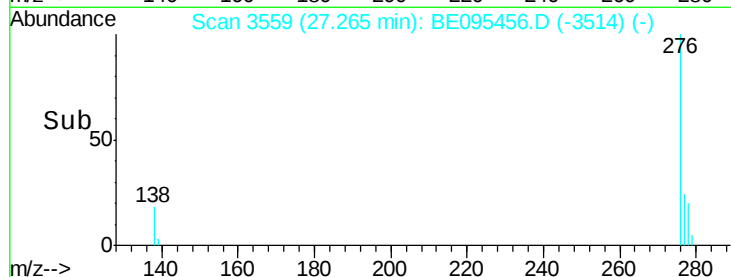
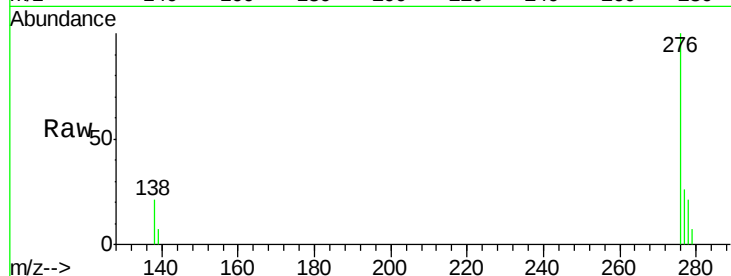
#25
Dibenzo(a,h)anthracene
Concen: 0.623 ng/ul m
RT: 27.27 min Scan# 3559
Delta R.T. 0.00 min
Lab File: BE095456.D
Acq: 4 Feb 2018 2:21

Instrument :
BNA_E
ClientSampleId :
F6C44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.1	17.4	26.0#
279	32.6	25.9	38.9

Manual Integrations
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Sohil
2/5/2018 7:02:44 PM



#26
Benzo(g,h,i)perylene
Concen: 2.866 ng/ul m
RT: 28.14 min Scan# 3750
Delta R.T. 0.02 min
Lab File: BE095456.D
Acq: 4 Feb 2018 2:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	21.8	32.8#
277	24.3	20.5	30.7

