

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097240.D
 Acq On : 8 Aug 2018 18:13
 Operator : SJ/JU
 Sample : J4268-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA6

Manual Integrations
 APPROVED

Sohil
 8/9/2018 4:43:21 PM

Quant Time: Aug 09 01:34:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1147	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6064	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3674	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8579m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	8752m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7996m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1878	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	5430m	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	1120	0.076	ng/ul#	89
5) 2-Methylnaphthalene	11.80	142	256	0.026	ng/ul	97
7) Acenaphthylene	13.73	152	602	0.038	ng/ul#	77
8) Acenaphthene	14.08	153	601	0.052	ng/ul#	92
9) Fluorene	15.08	166	793	0.060	ng/ul#	93
12) Phenanthrene	16.81	178	12112m	0.554	ng/ul	
13) Anthracene	16.90	178	2239m	0.110	ng/ul	
15) Fluoranthene	18.84	202	31772m	1.099	ng/ul	
17) Pyrene	19.20	202	31446	1.341	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	17002m	0.680	ng/ul	
19) Chrysene	21.01	228	17418	0.676	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	23462m	1.077	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	7005m	0.298	ng/ul	
23) Benzo(a)pyrene	23.11	252	16265m	0.746	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	10792m	0.395	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	2595m	0.116	ng/ul	
26) Benzo(a,h,i)perylene	26.21	276	10838m	0.460	ng/ul	

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

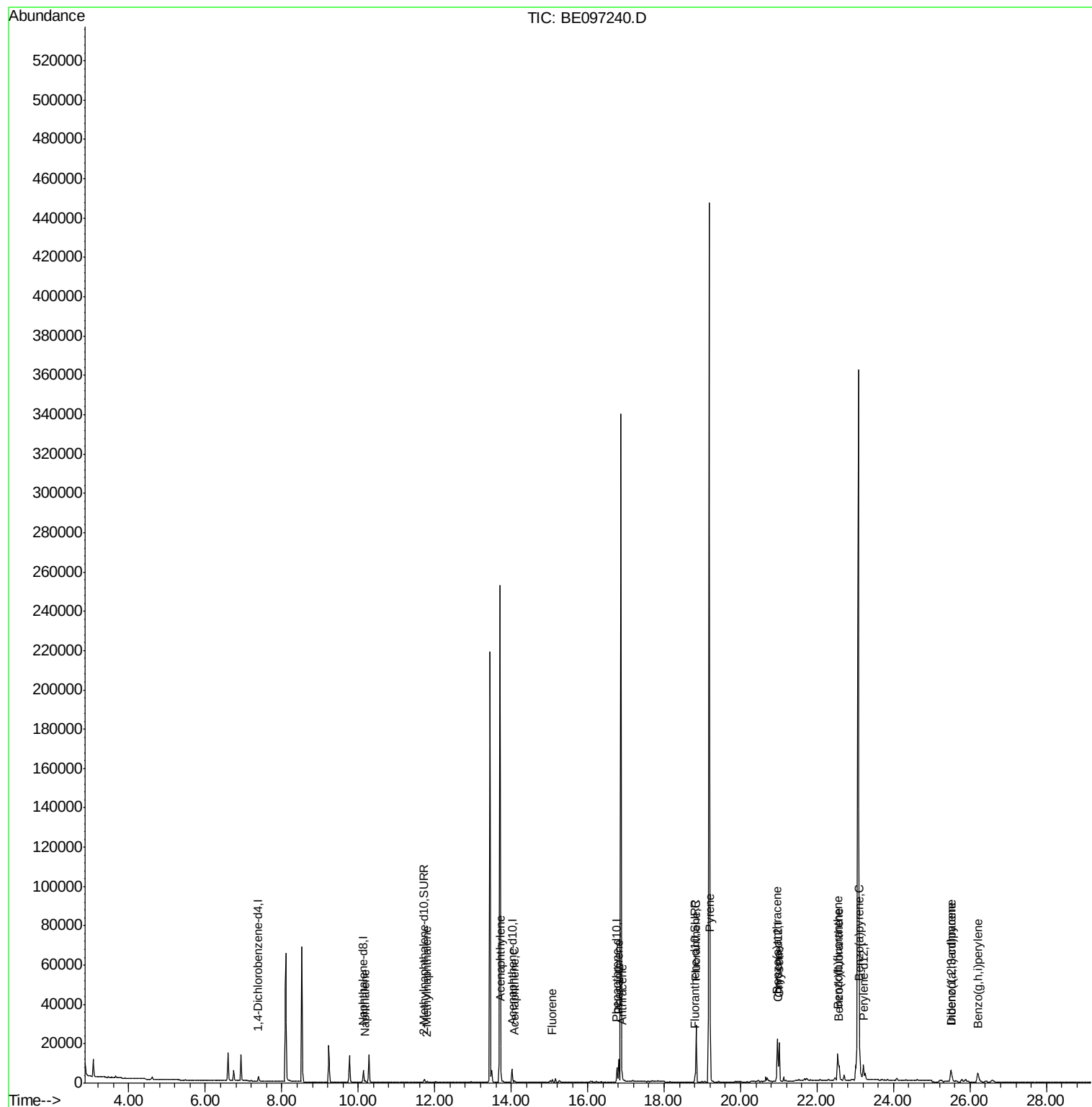
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
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ALS Vial : 16 Sample Multiplier: 1

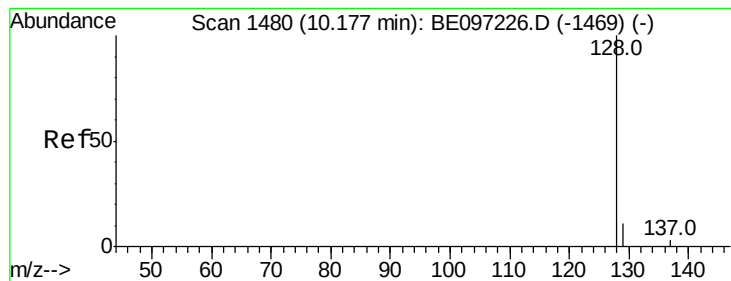
Instrument :
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C0AA6

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#3

Naphthalene

Concen: 0.076 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Instrument :

BNA_E

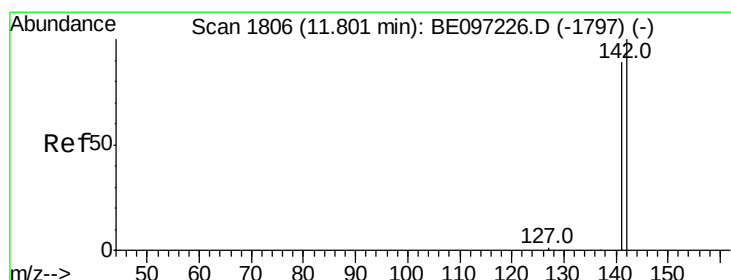
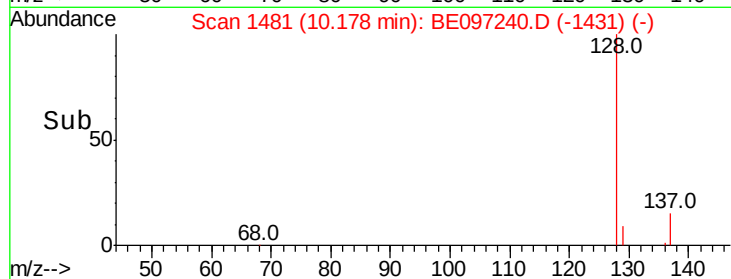
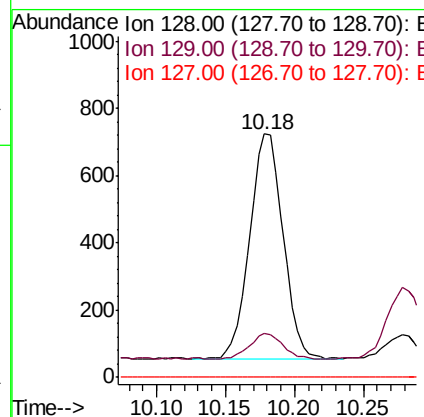
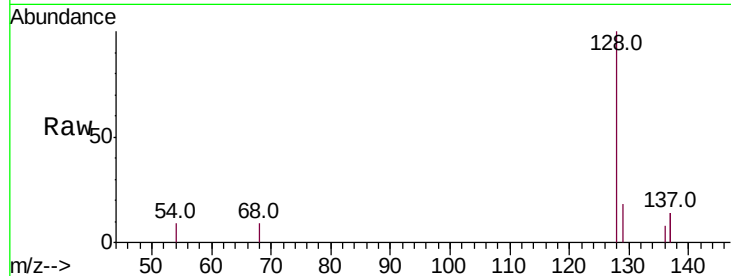
ClientSampled :

C0AA6

Tot Ion:	128	Resp:	1120
Ion Ratio	Lower	Upper	
128	100		
129	18.1	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

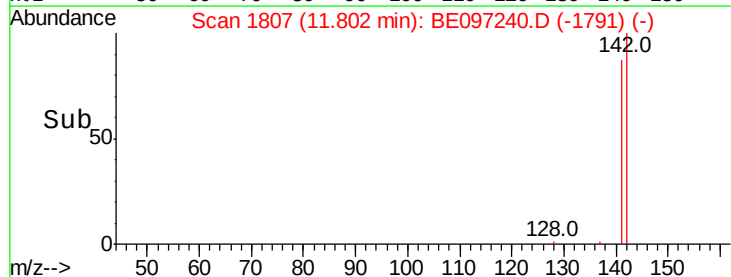
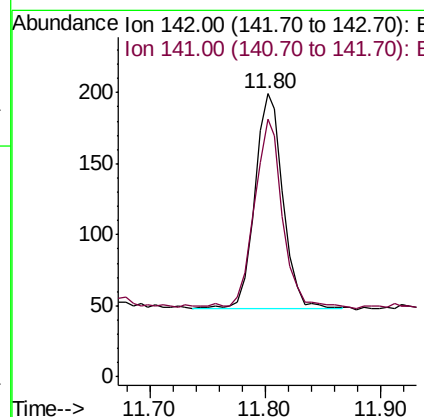
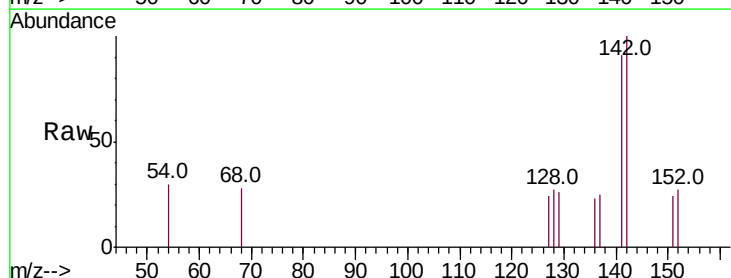
RT: 11.80 min Scan# 1807

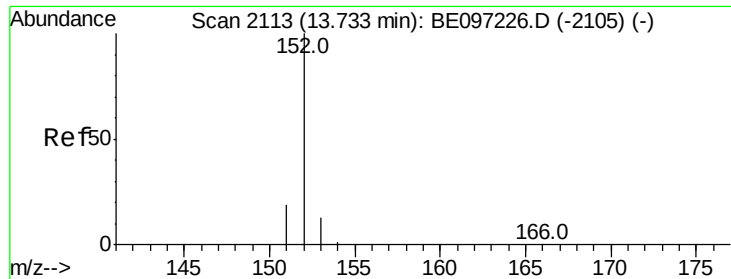
Delta R.T. 0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Tgt Ion:	142	Resp:	256
Ion Ratio	Lower	Upper	
142	100		
141	87.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.038 ng/ul

RT: 13.73 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Instrument :

BNA_E

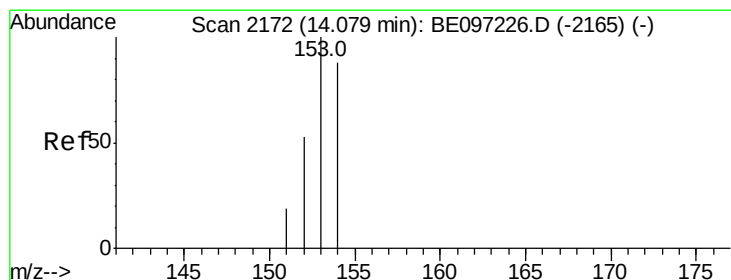
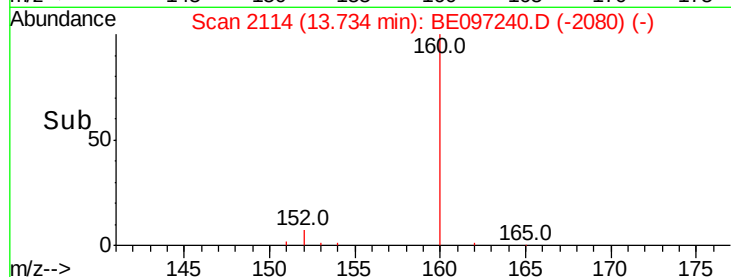
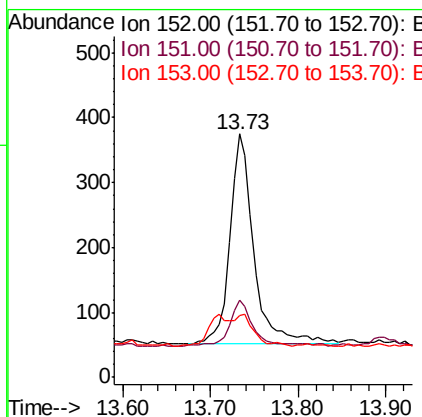
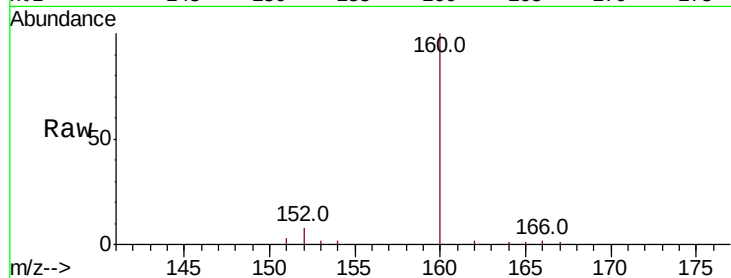
ClientSampleId :

C0AA6

Tot Ion:	152	Resp:	602
Ion Ratio	Lower	Upper	
152	100		
151	32.0	17.1	25.7#
153	25.6	12.8	19.2#

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#8

Acenaphthene

Concen: 0.052 ng/ul

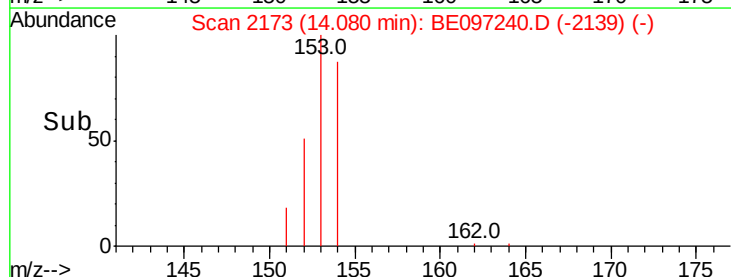
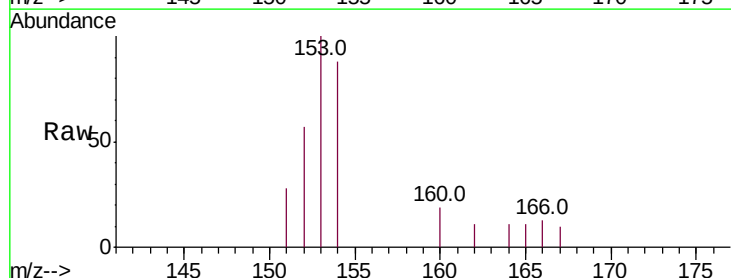
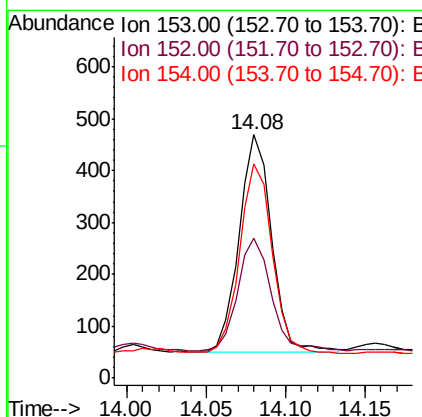
RT: 14.08 min Scan# 2173

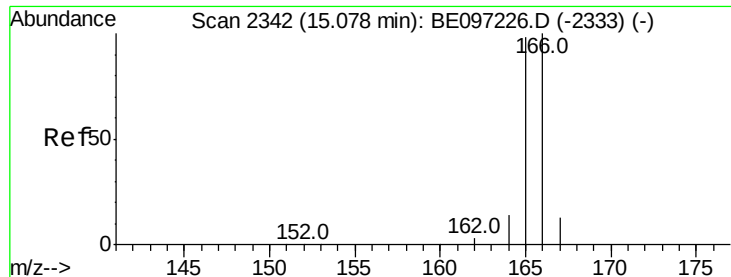
Delta R.T. 0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Tgt Ion:	153	Resp:	601
Ion Ratio	Lower	Upper	
153	100		
152	57.4	36.0	54.0#
154	88.3	72.0	108.0





#9

Fluorene

Concen: 0.060 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Instrument :

BNA_E

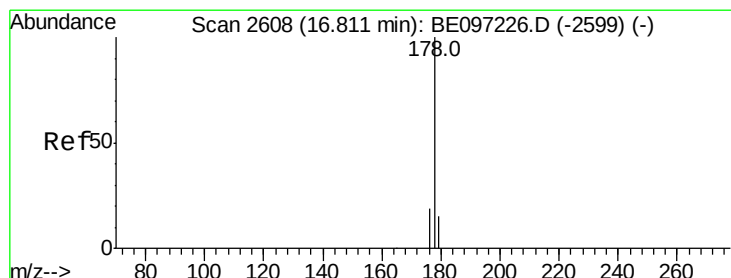
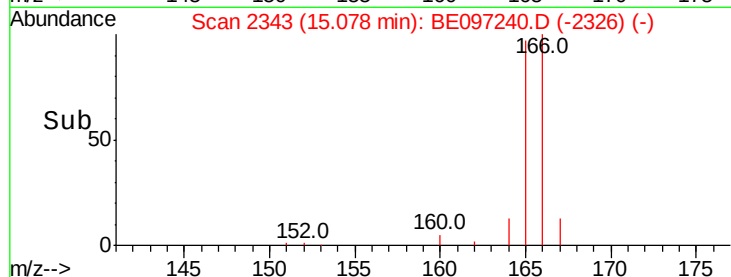
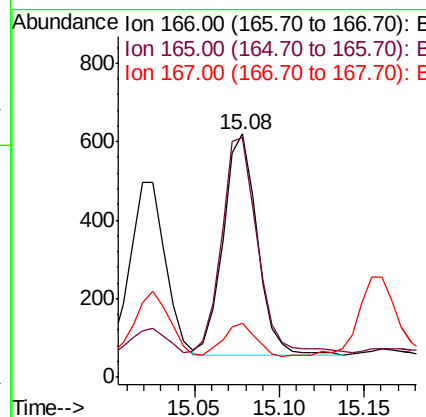
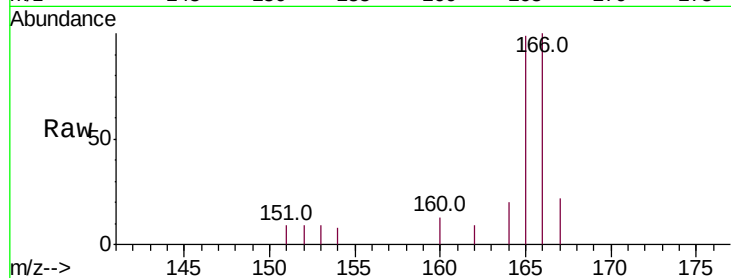
ClientSampleId :

C0AA6

Tot Ion:	166	Resp:	793
Ion Ratio	Lower	Upper	
166	100		
165	98.7	73.4	110.2
167	22.1	14.6	22.0#

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#12

Phenanthrene

Concen: 0.554 ng/ul m

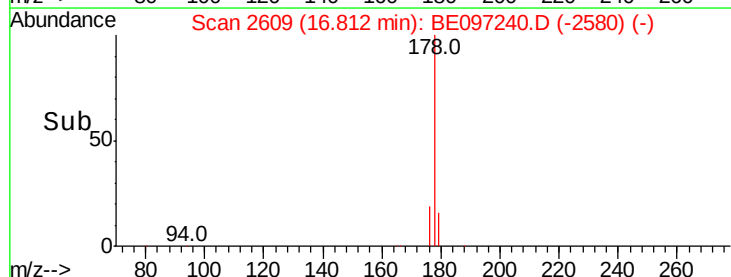
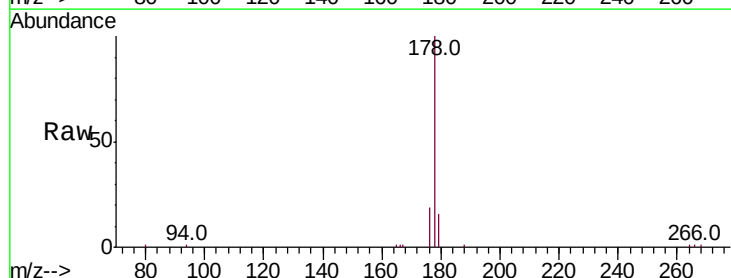
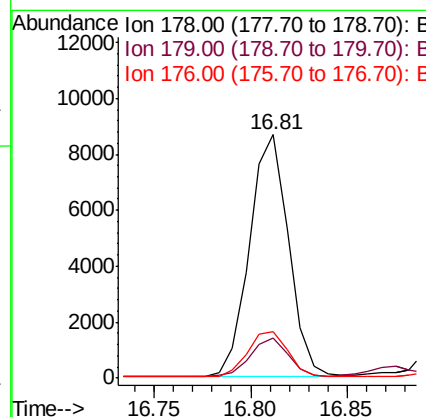
RT: 16.81 min Scan# 2609

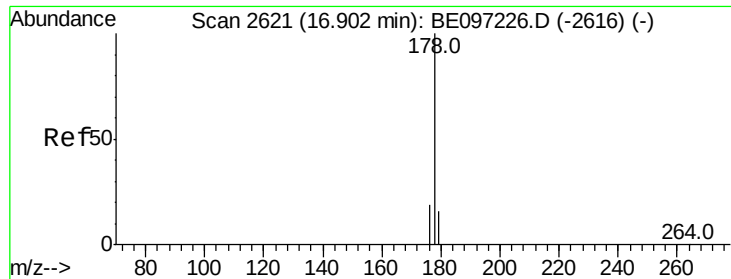
Delta R.T. 0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Tgt Ion:	178	Resp:	12112
Ion Ratio	Lower	Upper	
178	100		
179	16.3	18.4	27.6#
176	19.2	13.6	20.4





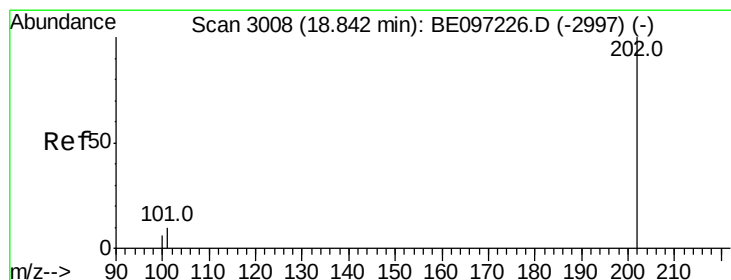
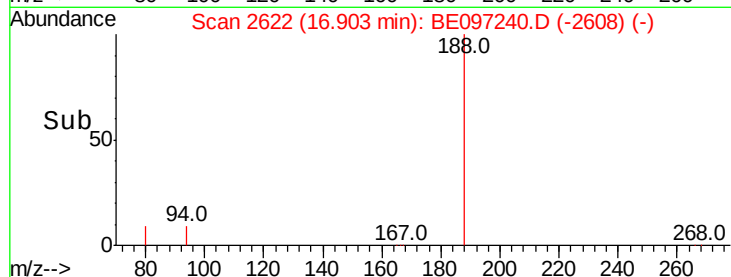
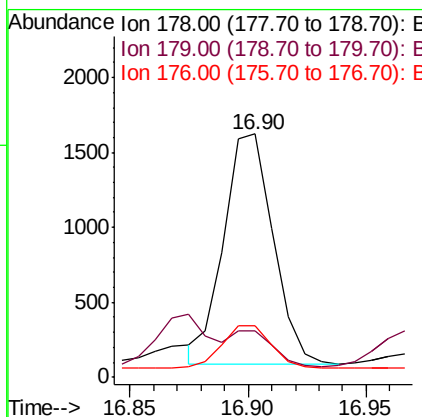
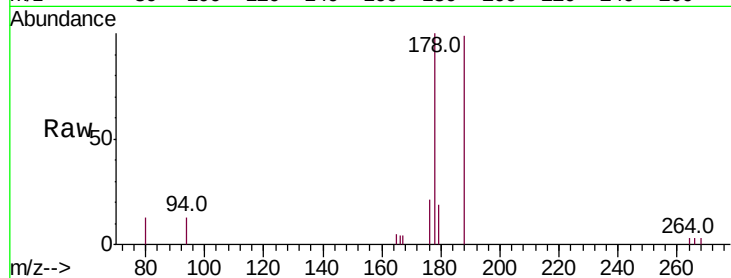
#13
 Anthracene
 Concen: 0.110 ng/ul m
 RT: 16.90 min Scan# 2622
 Delta R.T. 0.00 min
 Lab File: BE097240.D
 Acq: 8 Aug 2018 18:13

Instrument :
 BNA_E
 ClientSampleId :
 C0AA6

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.2	18.1	27.1
176	21.1	14.7	22.1

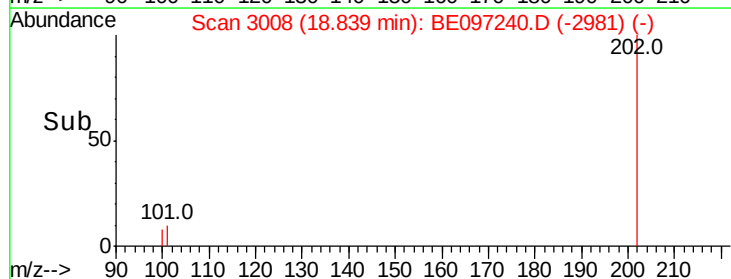
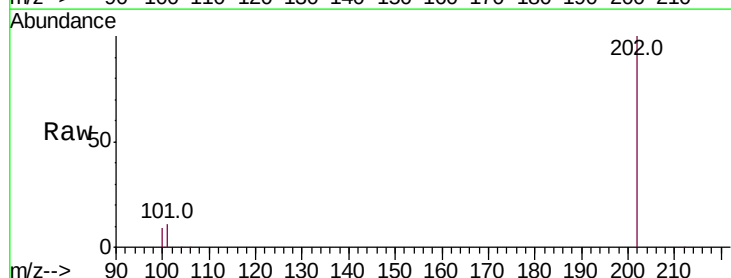
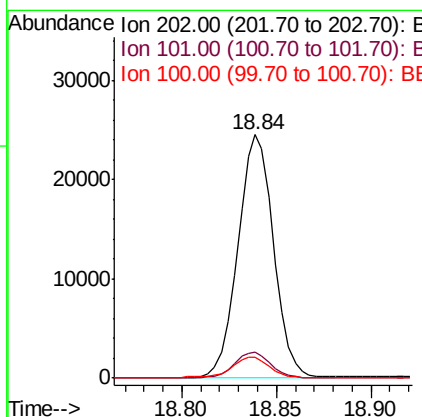
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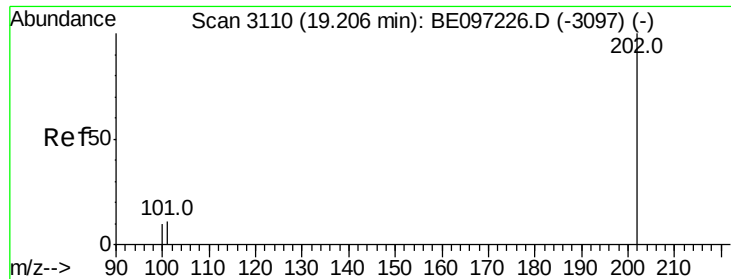
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#15
 Fluoranthene
 Concen: 1.099 ng/ul m
 RT: 18.84 min Scan# 3008
 Delta R.T. -0.00 min
 Lab File: BE097240.D
 Acq: 8 Aug 2018 18:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
100	8.6	0.0	39.5





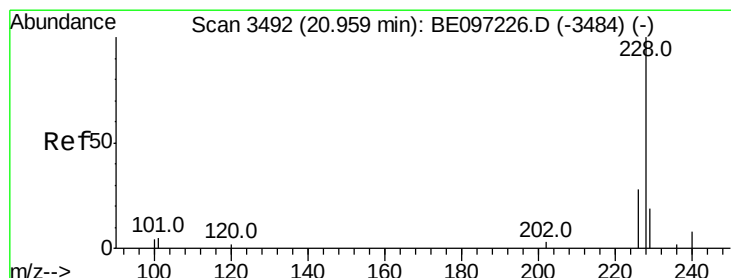
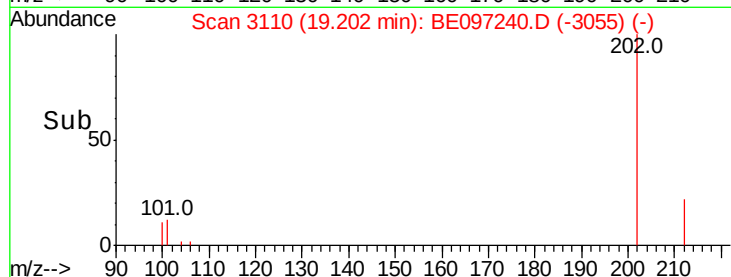
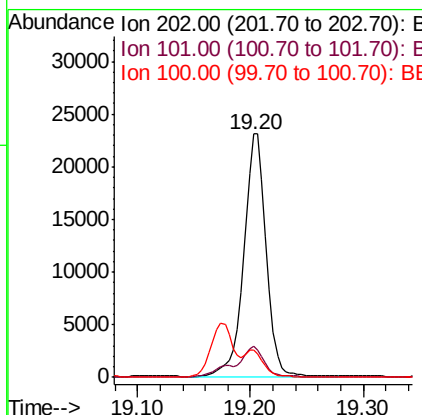
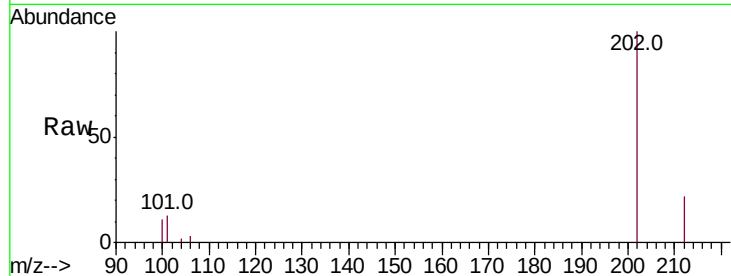
#17
Pvrene
Concen: 1.341 ng/ul
RT: 19.20 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE097240.D
Acq: 8 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :
C0AA6

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	18.2	27.4#
100	11.1	15.6	23.4#

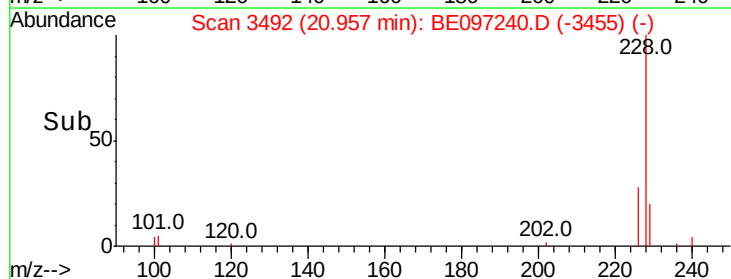
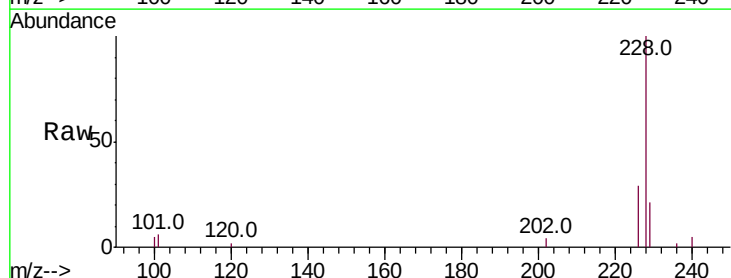
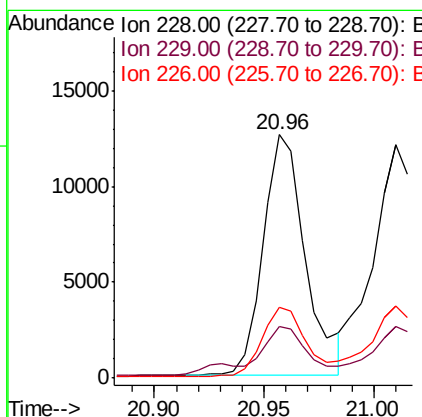
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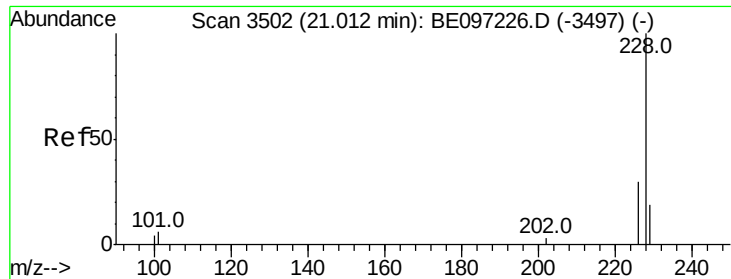
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#18
Benzo(a)anthracene
Concen: 0.680 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE097240.D
Acq: 8 Aug 2018 18:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	22.8	34.2#
226	29.1	17.0	25.6#





#19

Chrysene

Concen: 0.676 ng/ul

RT: 21.01 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Instrument :

BNA_E

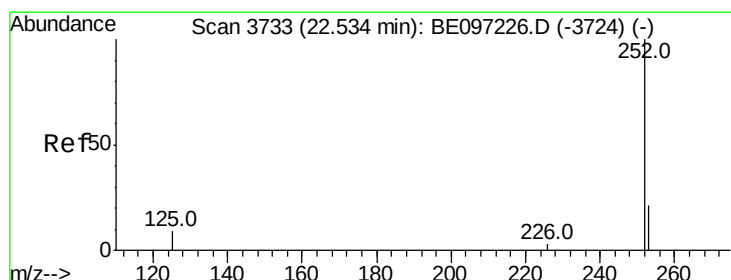
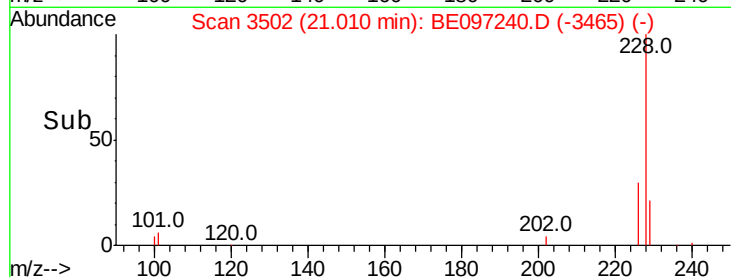
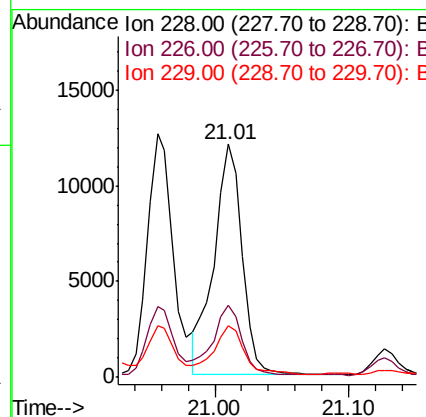
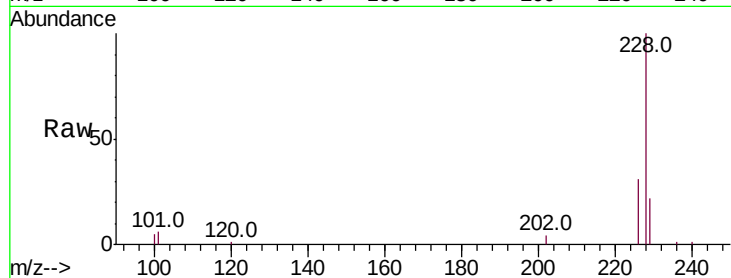
ClientSampleId :

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Tot Ion:	228	Resp:	17418
Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	22.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.077 ng/ul m

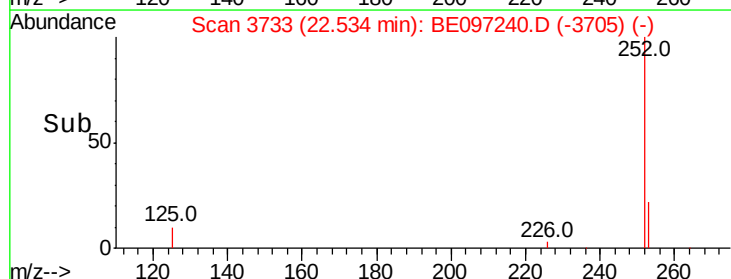
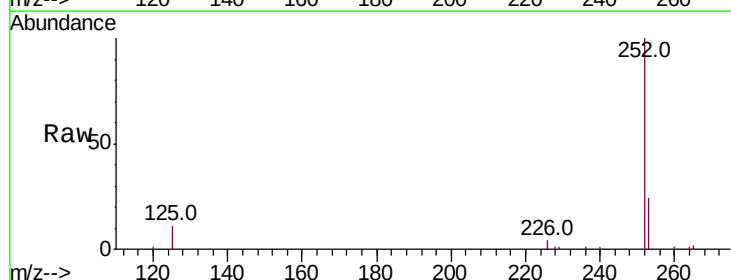
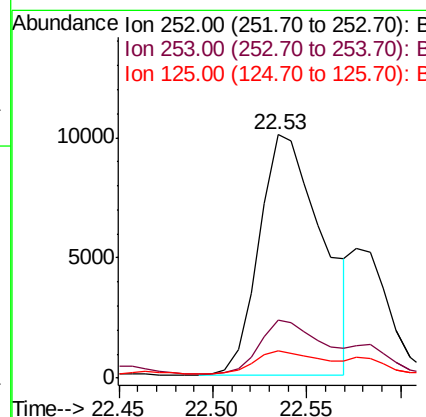
RT: 22.53 min Scan# 3733

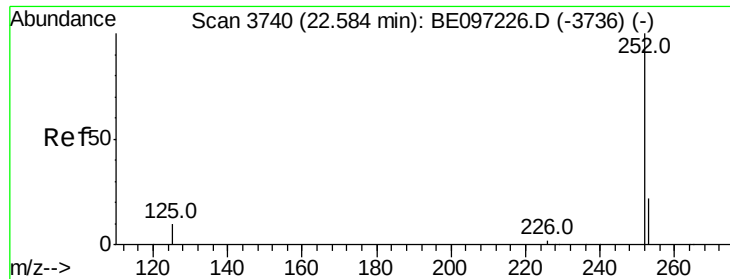
Delta R.T. 0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Tgt Ion:	252	Resp:	23462
Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	64.2
125	11.2	0.0	35.0





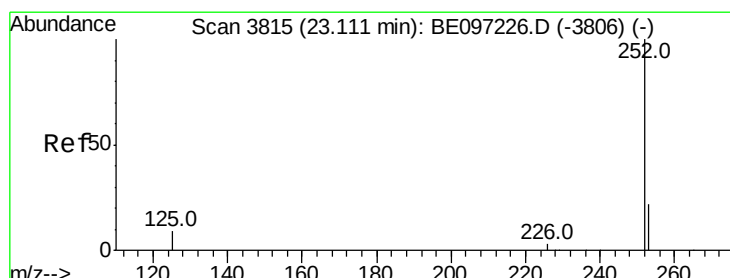
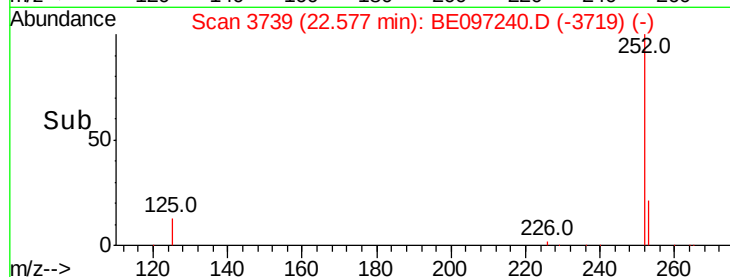
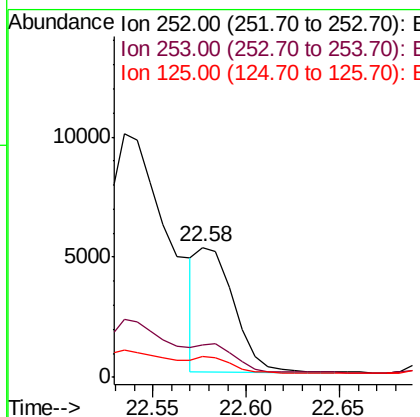
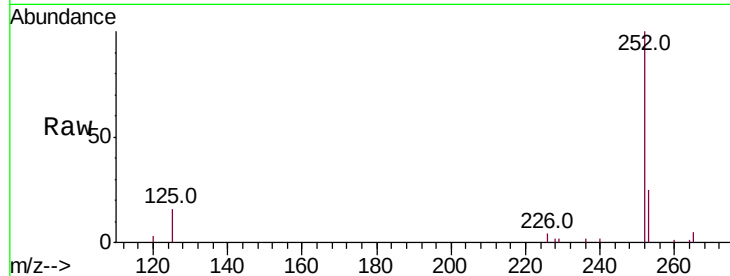
#22
Benzo(k)fluoranthene
Concen: 0.298 ng/ul m
RT: 22.58 min Scan# 3739
Delta R.T. -0.01 min
Lab File: BE097240.D
Acq: 8 Aug 2018 18:13

Instrument :
BNA_E
ClientSampled :
C0AA6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	24.5	36.7
125	15.7	13.7	20.5

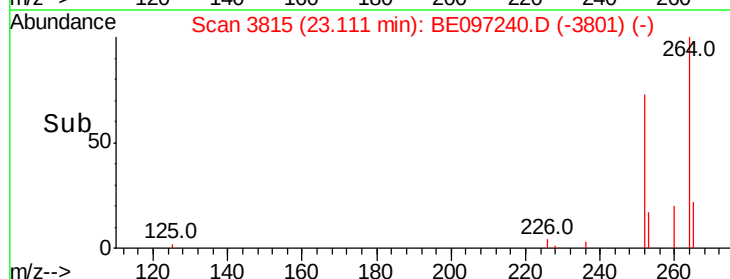
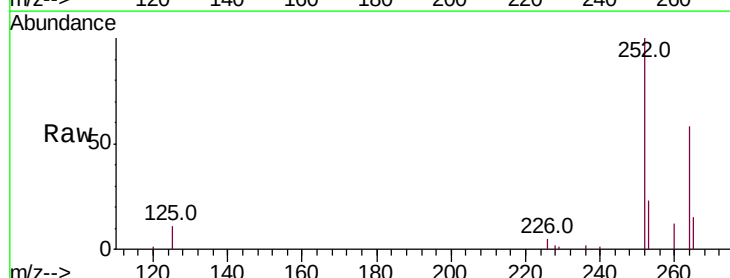
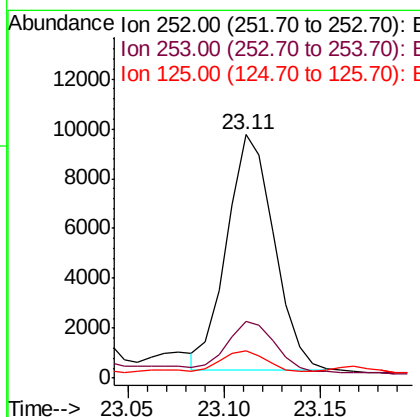
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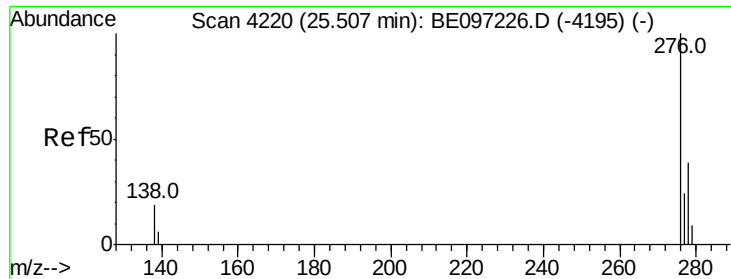
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#23
Benzo(a)pyrene
Concen: 0.746 ng/ul m
RT: 23.11 min Scan# 3815
Delta R.T. 0.00 min
Lab File: BE097240.D
Acq: 8 Aug 2018 18:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	11.0	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.395 ng/ul m

RT: 25.50 min Scan# 4219

Delta R.T. -0.00 min

Lab File: BE097240.D

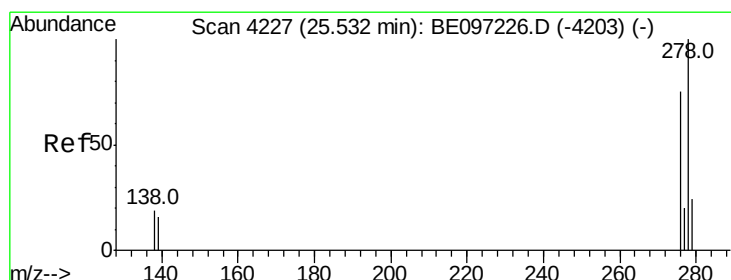
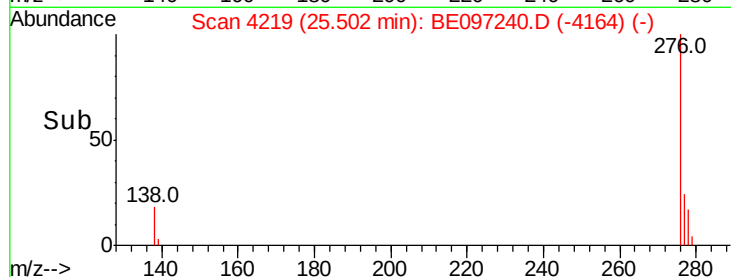
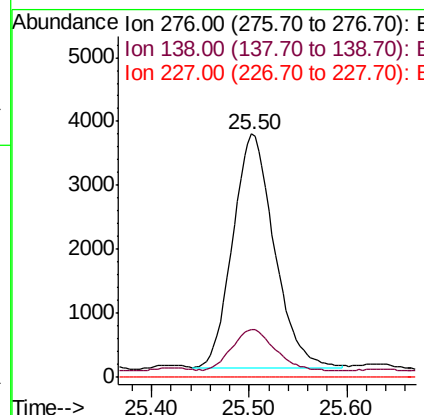
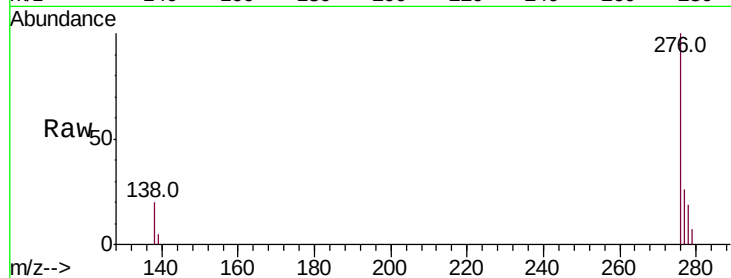
Acq: 8 Aug 2018 18:13

Instrument :
BNA_E
ClientSampled :
C0AA6

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.0	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
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Sohil
8/9/2018 4:43:21 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.116 ng/ul m

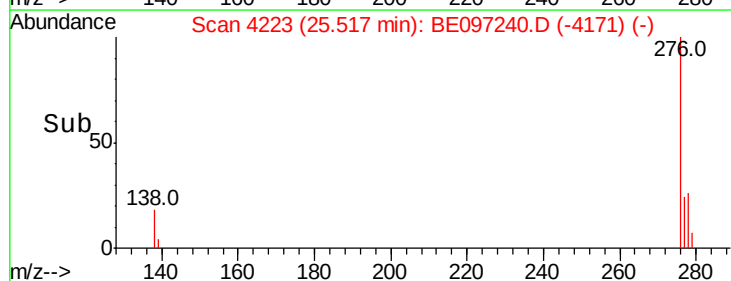
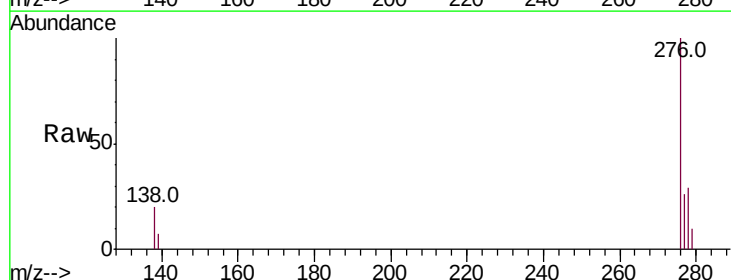
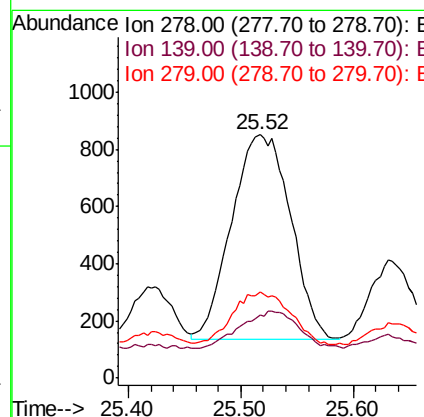
RT: 25.52 min Scan# 4223

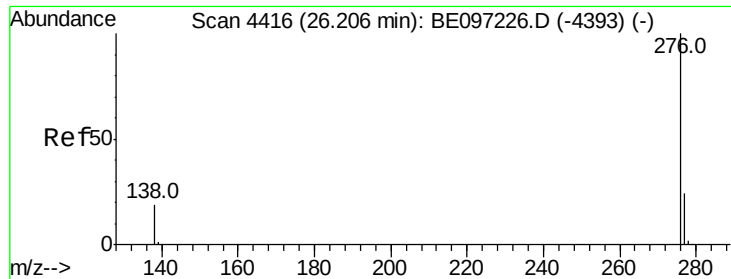
Delta R.T. -0.02 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.1	17.4	26.0#
279	35.3	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 0.460 ng/ul m
 RT: 26.21 min Scan# 4417
 Delta R.T. 0.00 min
 Lab File: BE097240.D
 Acq: 8 Aug 2018 18:13

Instrument :
 BNA_E
 ClientSampleId :
 C0AA6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	21.8	32.8#
277	25.1	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/9/2018 4:43:21 PM

