

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
 Data File : BE097423.D
 Acq On : 7 Sep 2018 13:55
 Operator : SJ/JU
 Sample : J4688-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z20

Manual Integrations
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Sohil
 9/11/2018 2:42:48 PM

Quant Time: Sep 08 00:29:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 07 23:49:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	938	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4979	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3522	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9267m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10498m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	8594m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	1670	0.22	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	6240m	0.20	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.17	128	7614	0.627	ng/ul#	93
5) 2-Methylnaphthalene	11.79	142	7760	1.011	ng/ul	97
7) Acenaphthylene	13.72	152	1543	0.120	ng/ul#	80
8) Acenaphthene	14.07	153	587	0.053	ng/ul#	89
9) Fluorene	15.07	166	980	0.078	ng/ul#	67
12) Phenanthrene	16.80	178	34747m	1.457	ng/ul	
13) Anthracene	16.89	178	2940m	0.147	ng/ul	
15) Fluoranthene	18.83	202	45611m	1.488	ng/ul	
17) Pyrene	19.20	202	46692	1.653	ng/ul#	79
18) Benzo(a)anthracene	20.95	228	23943m	0.888	ng/ul	
19) Chrysene	21.00	228	35852	1.154	ng/ul	95
21) Benzo(b)fluoranthene	22.53	252	34370m	1.493	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	11501m	0.448	ng/ul	
23) Benzo(a)pyrene	23.10	252	23784m	1.117	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.48	276	15771m	0.571	ng/ul	
25) Dibenzo(a,h)anthracene	25.50	278	4613m	0.197	ng/ul	
26) Benzo(g,h,i)perylene	26.18	276	16086m	0.684	ng/ul	

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

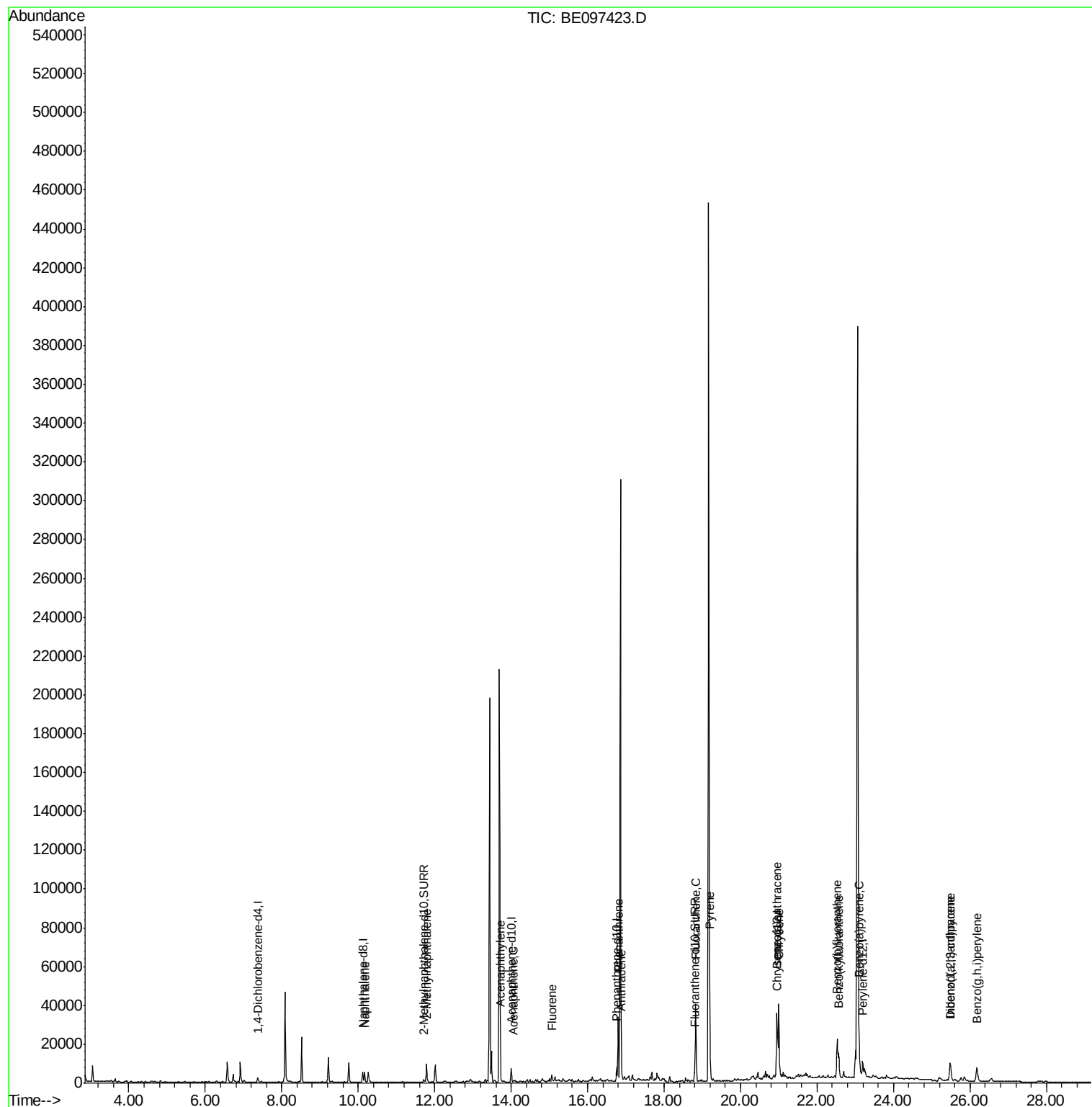
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
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ALS Vial : 9 Sample Multiplier: 1

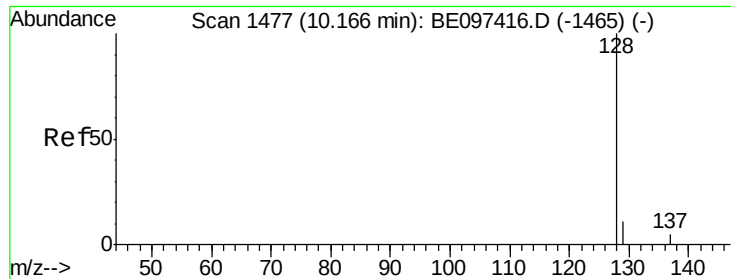
Instrument :
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A3Z20

Quant Time: Sep 08 00:29:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
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#3

Naphthalene

Concen: 0.627 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Instrument :

BNA_E

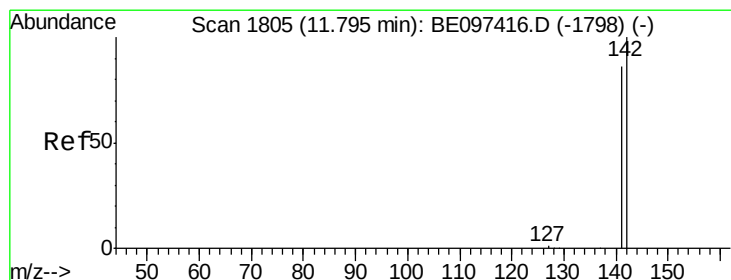
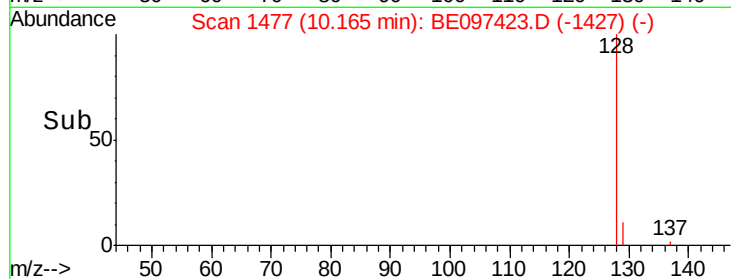
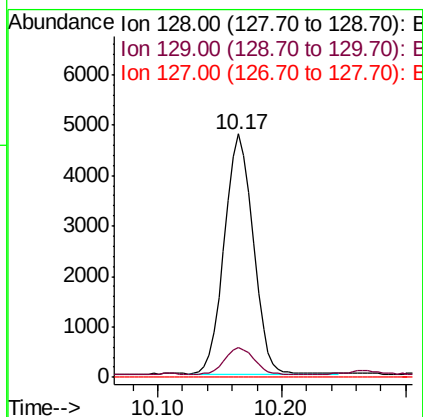
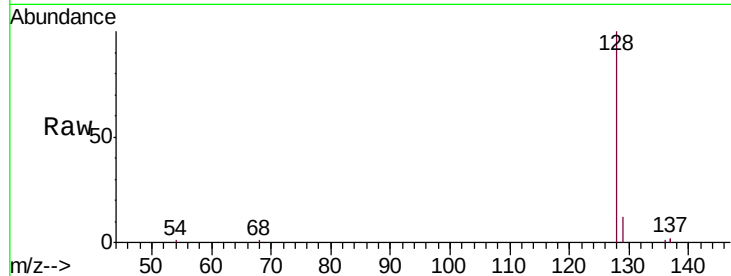
ClientSampleId :

A3Z20

Tgt Ion:	128	Resp:	7614
Ion Ratio	Lower	Upper	
128	100		
129	12.2	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.011 ng/ul

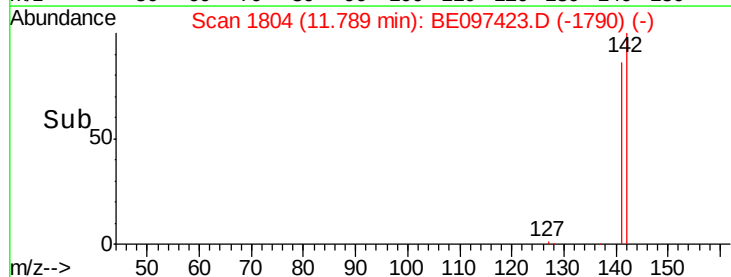
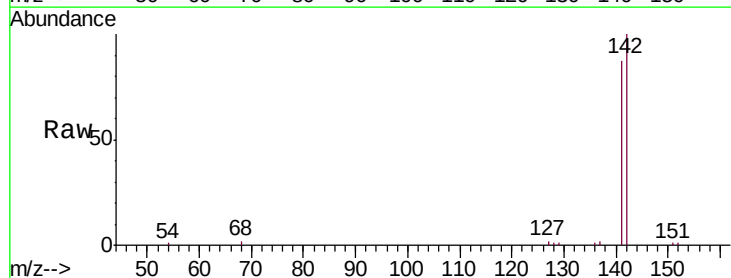
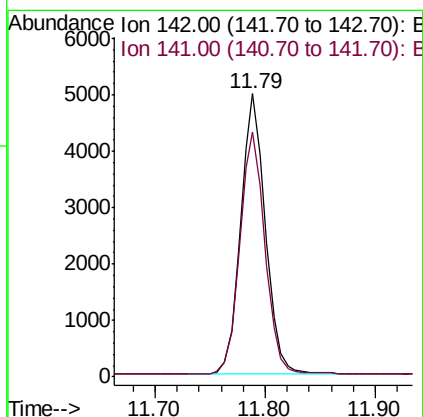
RT: 11.79 min Scan# 1804

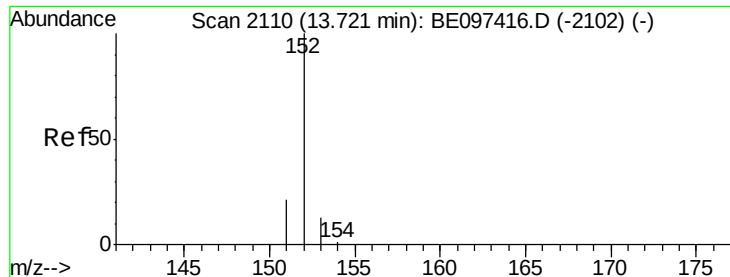
Delta R.T. -0.01 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Tgt Ion:	142	Resp:	7760
Ion Ratio	Lower	Upper	
142	100		
141	87.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.120 ng/ul

RT: 13.72 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Instrument :

BNA_E

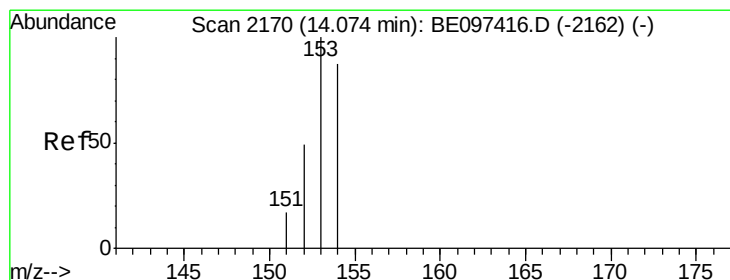
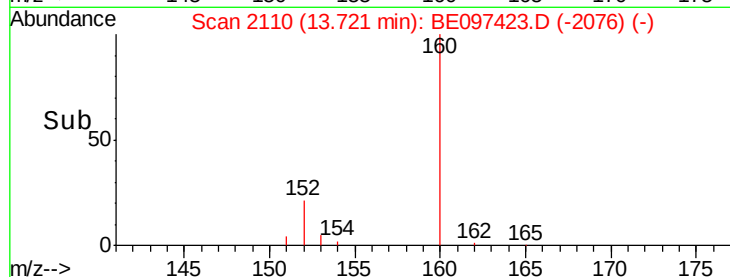
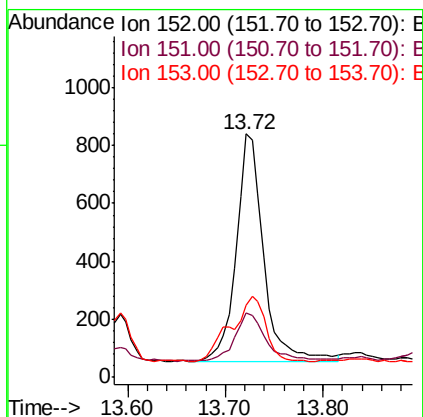
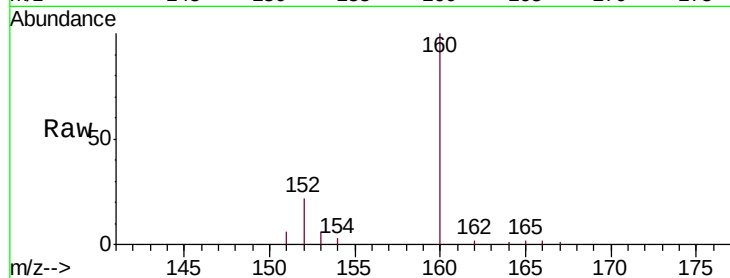
ClientSampleId :

A3Z20

Tgt Ion:	152	Resp:	1543
Ion Ratio	Lower	Upper	
152	100		
151	26.5	17.1	25.7#
153	29.8	12.8	19.2#

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#8

Acenaphthene

Concen: 0.053 ng/ul

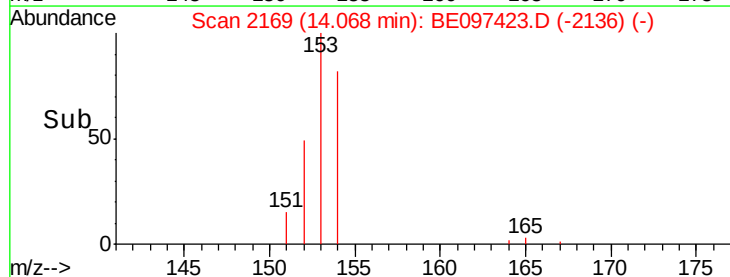
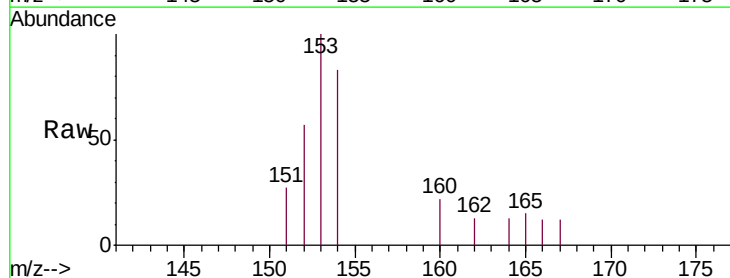
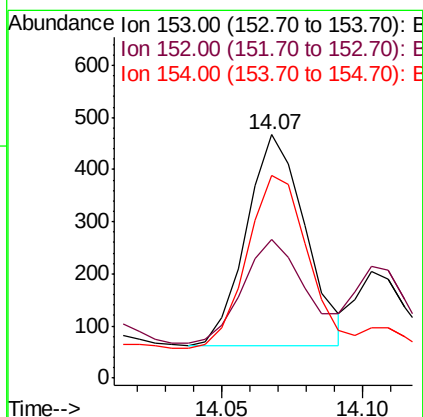
RT: 14.07 min Scan# 2169

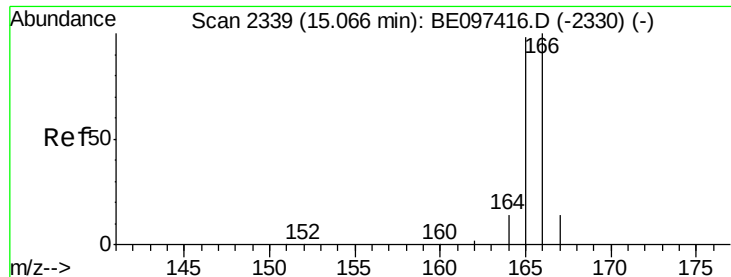
Delta R.T. -0.01 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Tgt Ion:	153	Resp:	587
Ion Ratio	Lower	Upper	
153	100		
152	57.2	36.0	54.0#
154	83.1	72.0	108.0





#9

Fluorene

Concen: 0.078 ng/ul

RT: 15.07 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Instrument :

BNA_E

ClientSampleId :

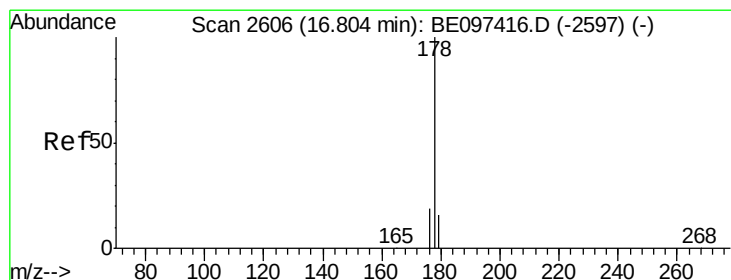
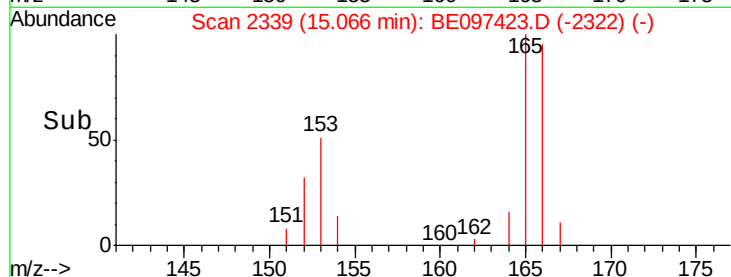
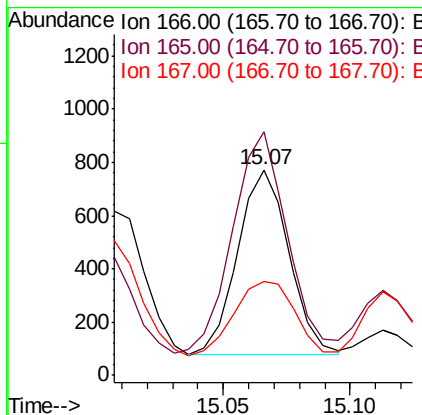
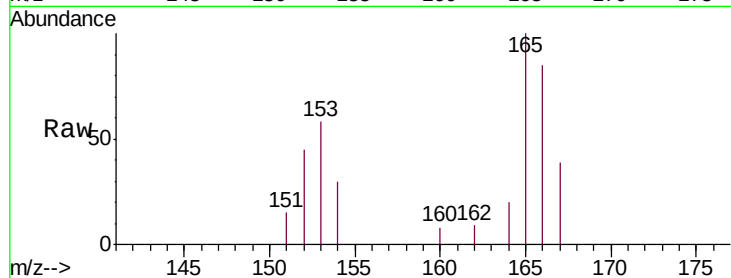
A3Z20

Tgt Ion:	166	Resp:	980
Ion Ratio	Lower	Upper	
166	100		
165	118.2	73.4	110.2#
167	45.9	14.6	22.0#

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#12

Phenanthrene

Concen: 1.457 ng/ul m

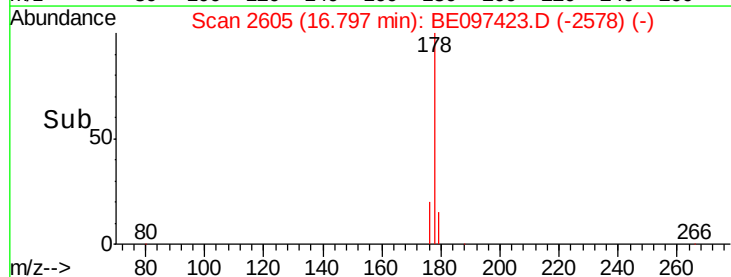
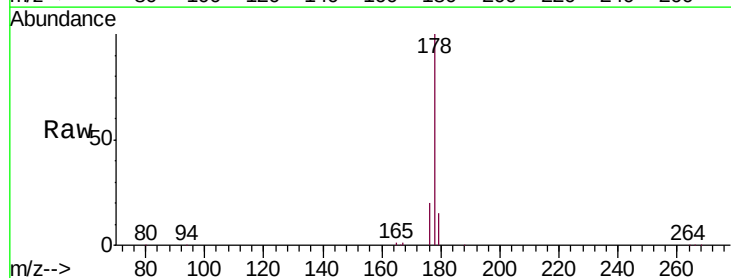
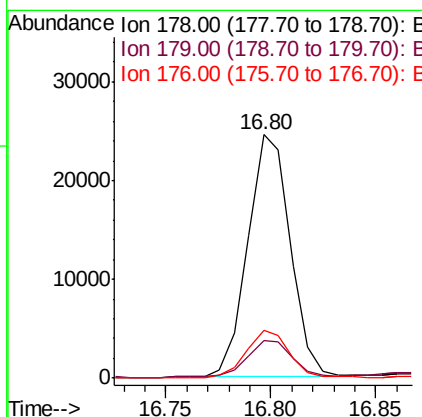
RT: 16.80 min Scan# 2605

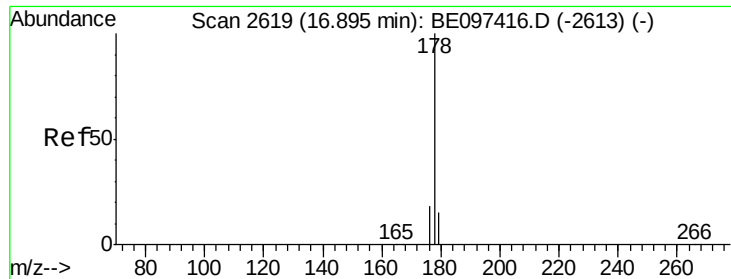
Delta R.T. -0.01 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Tgt Ion:	178	Resp:	34747
Ion Ratio	Lower	Upper	
178	100		
179	15.4	18.4	27.6#
176	19.9	13.6	20.4





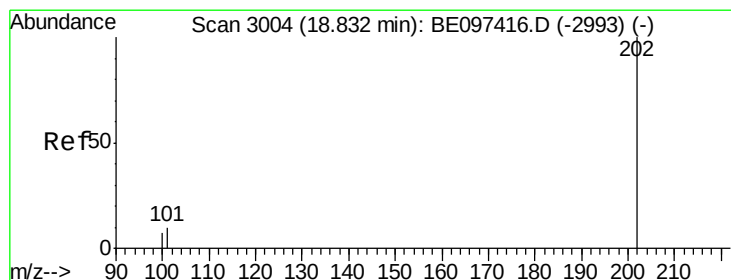
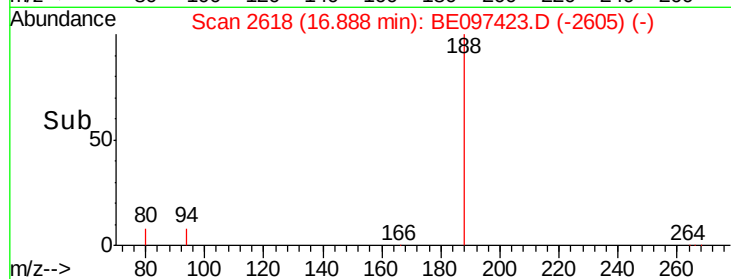
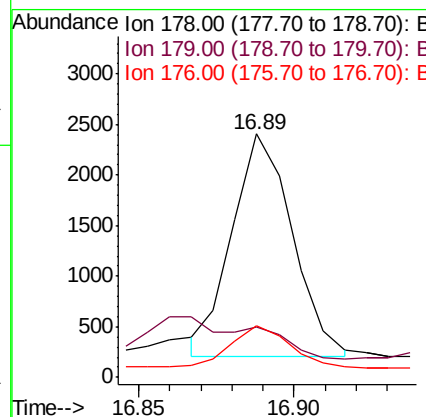
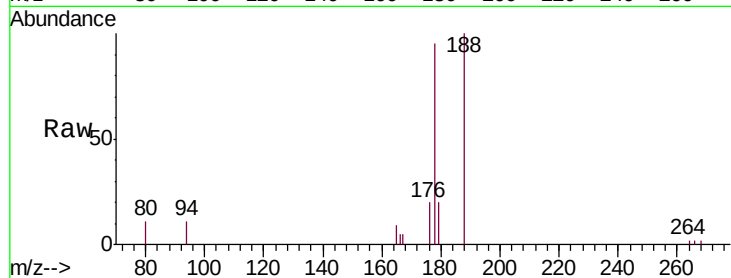
#13
 Anthracene
 Concen: 0.147 ng/ul m
 RT: 16.89 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE097423.D
 Acq: 7 Sep 2018 13:55

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.9	18.1	27.1
176	21.1	14.7	22.1

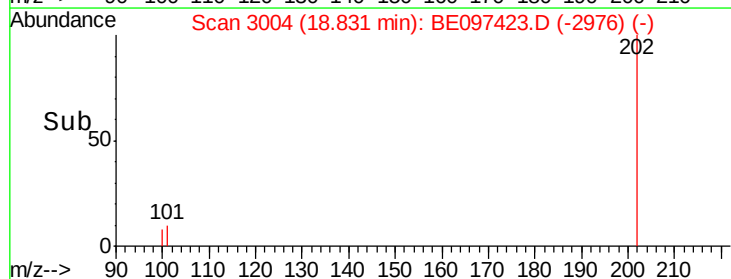
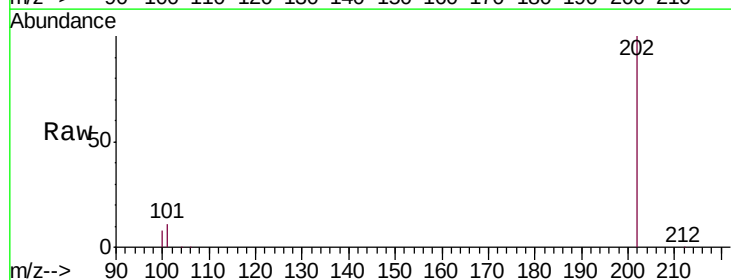
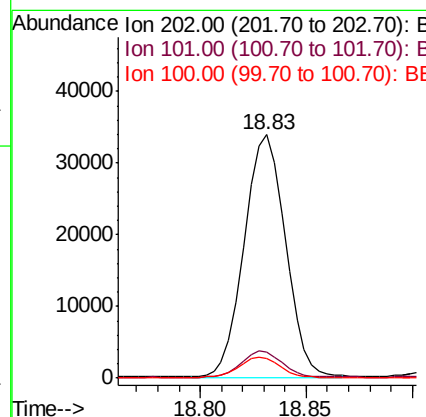
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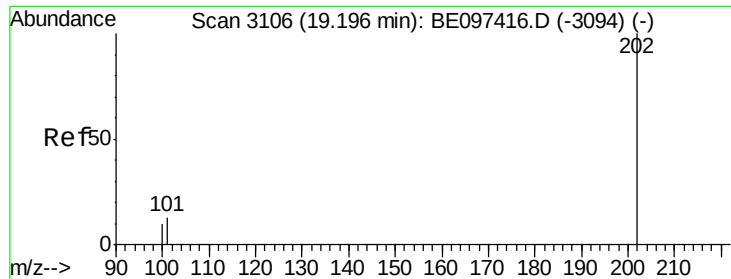
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#15
 Fluoranthene
 Concen: 1.488 ng/ul m
 RT: 18.83 min Scan# 3004
 Delta R.T. -0.00 min
 Lab File: BE097423.D
 Acq: 7 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
100	8.1	0.0	39.5





#17

Pyrene

Concen: 1.653 ng/ul

RT: 19.20 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Instrument :

BNA_E

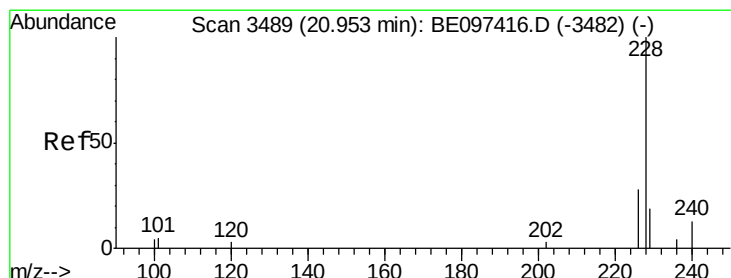
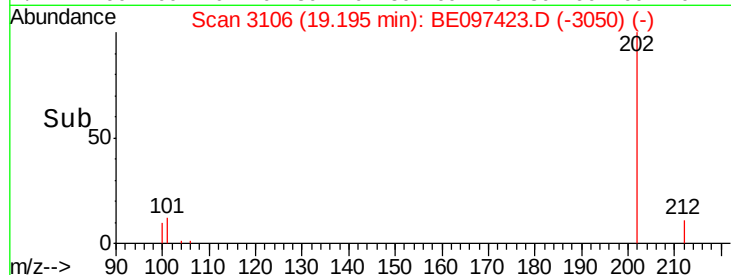
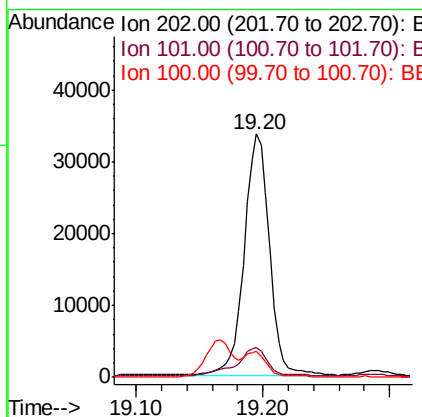
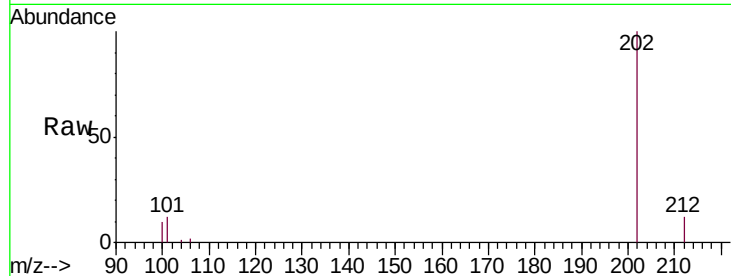
ClientSampleId :

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Tgt Ion:	202	Resp:	46692
Ion Ratio	Lower	Upper	
202	100		
101	12.3	18.2	27.4#
100	10.5	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.888 ng/ul m

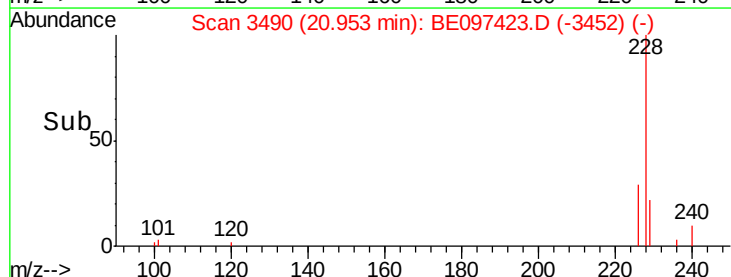
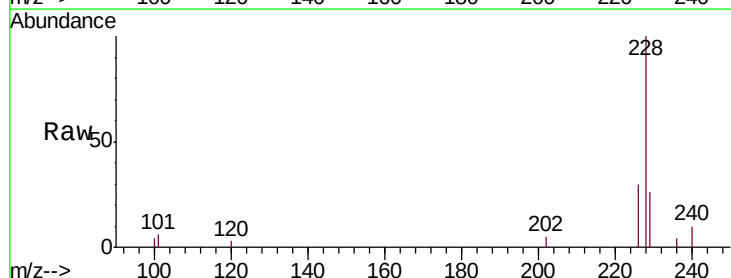
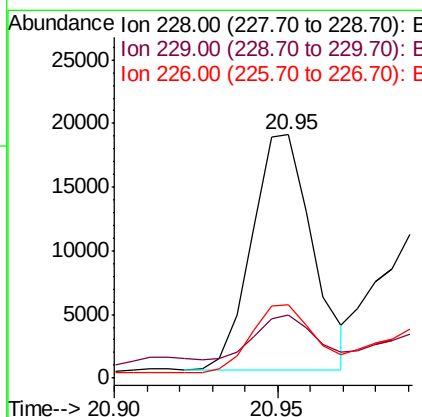
RT: 20.95 min Scan# 3490

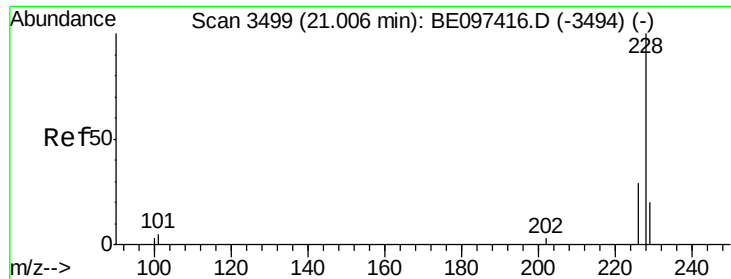
Delta R.T. 0.00 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Tgt Ion:	228	Resp:	23943
Ion Ratio	Lower	Upper	
228	100		
229	25.9	22.8	34.2
226	30.3	17.0	25.6#





#19

Chrysene

Concen: 1.154 ng/ul

RT: 21.00 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Instrument :

BNA_E

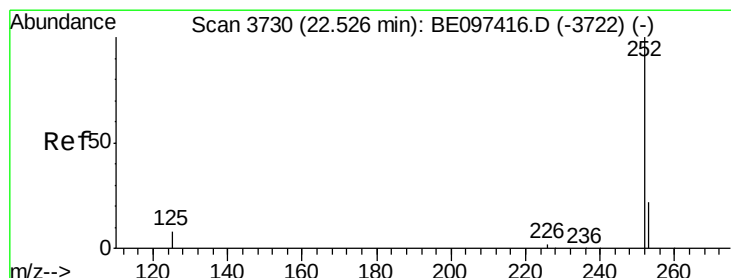
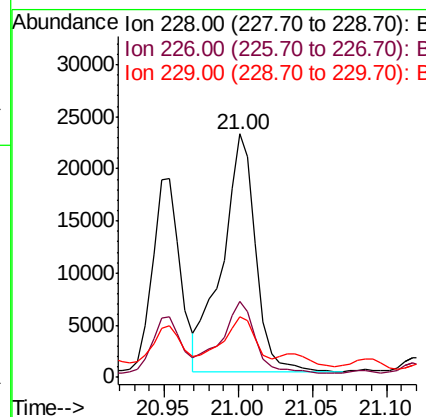
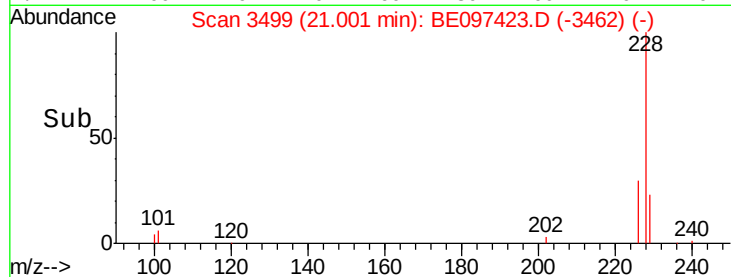
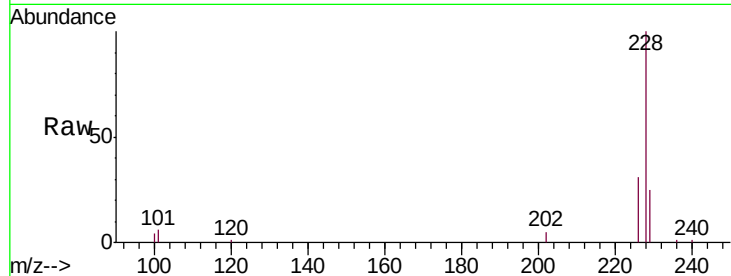
ClientSampleId :

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Tgt Ion:	228	Resp:	35852
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.4	35.0
229	25.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.493 ng/ul m

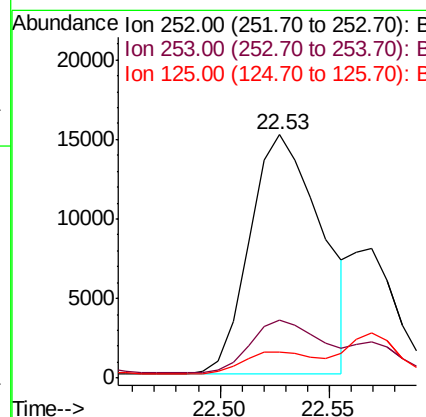
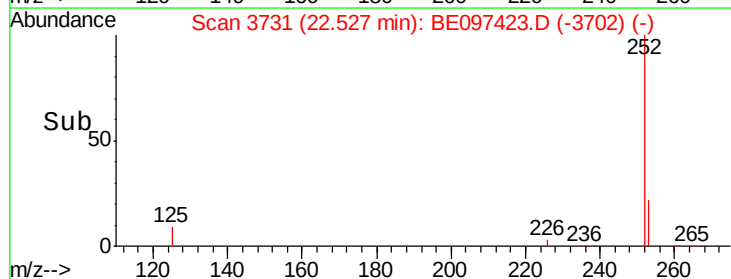
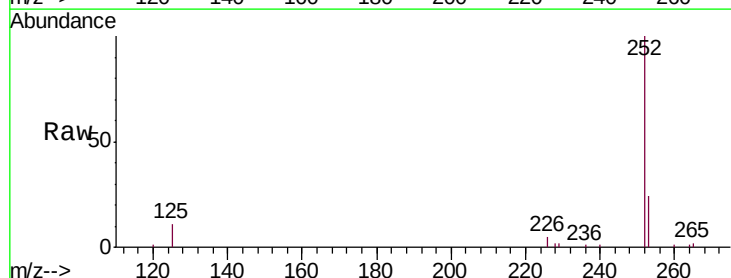
RT: 22.53 min Scan# 3731

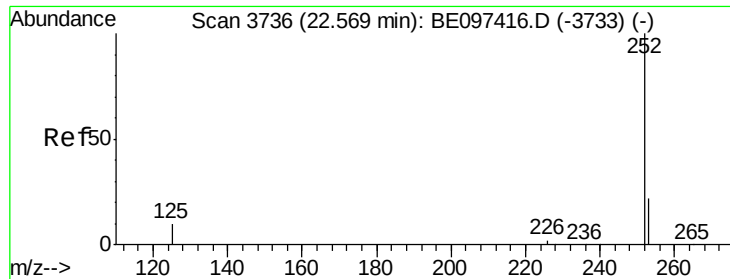
Delta R.T. 0.00 min

Lab File: BE097423.D

Acq: 7 Sep 2018 13:55

Tgt Ion:	252	Resp:	34370
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	64.2
125	10.8	0.0	35.0





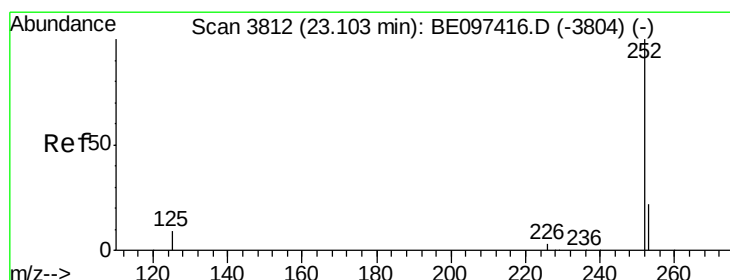
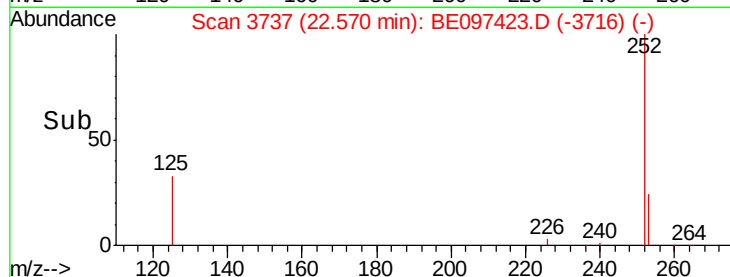
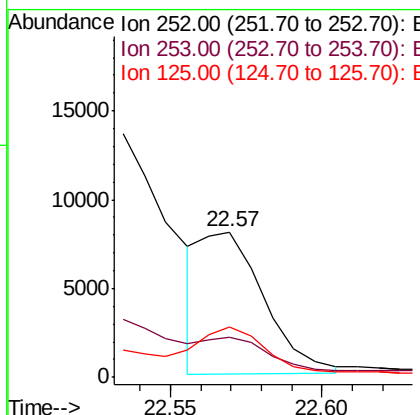
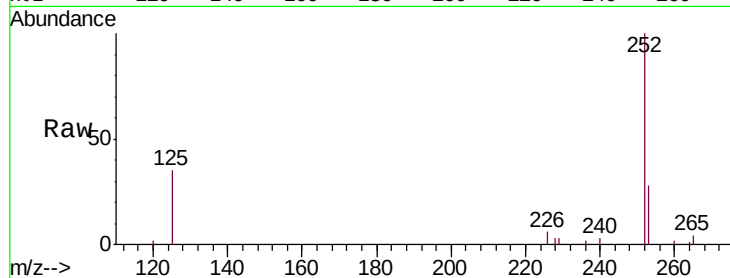
#22
Benzo(k)fluoranthene
Concen: 0.448 ng/ul m
RT: 22.57 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BE097423.D
Acq: 7 Sep 2018 13:55

Instrument :
BNA_E
ClientSampleId :
A3Z20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	24.5	36.7
125	34.8	13.7	20.5#

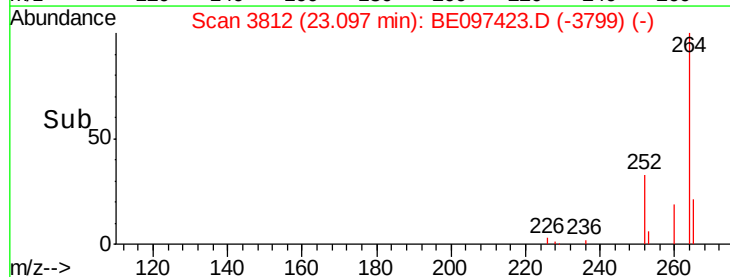
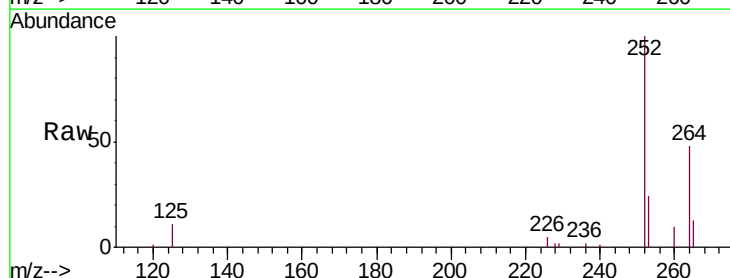
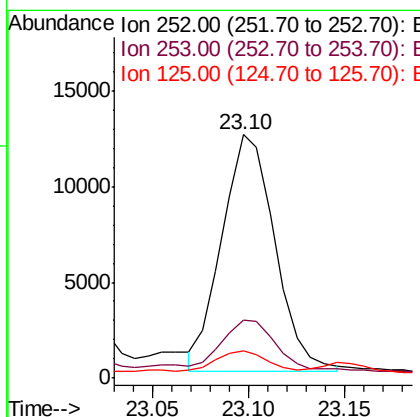
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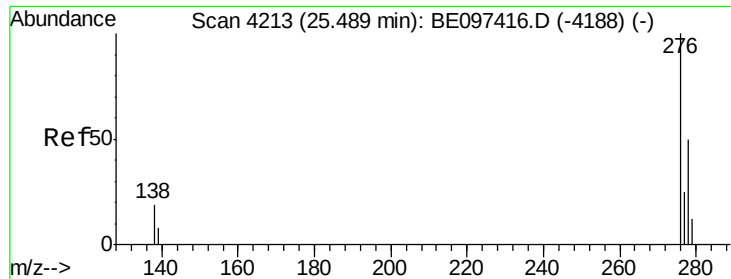
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#23
Benzo(a)pyrene
Concen: 1.117 ng/ul m
RT: 23.10 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BE097423.D
Acq: 7 Sep 2018 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.5	42.7#
125	11.2	18.1	27.1#





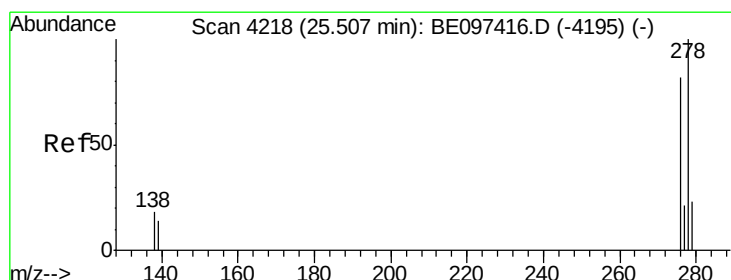
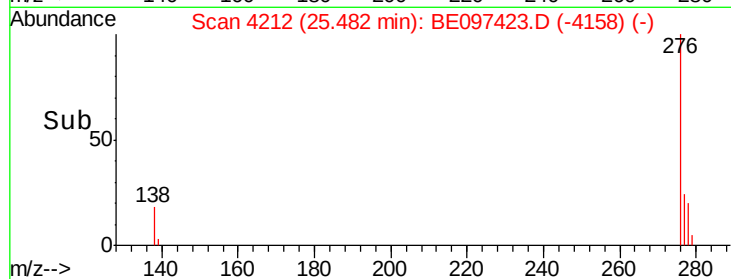
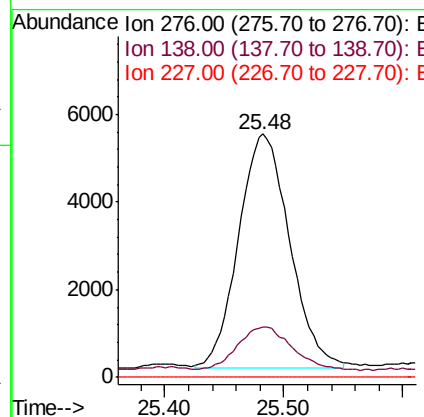
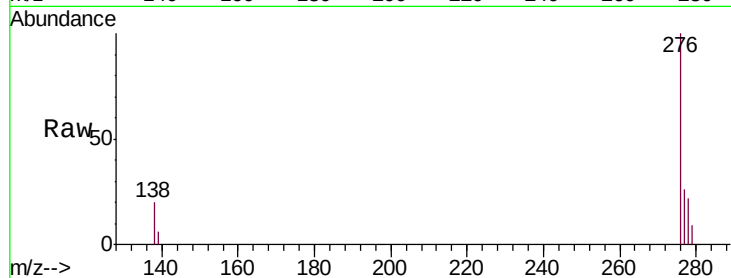
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.571 ng/ul m
 RT: 25.48 min Scan# 4212
 Delta R.T. -0.01 min
 Lab File: BE097423.D
 Acq: 7 Sep 2018 13:55

Instrument :
 BNA_E
 ClientSampleId :
 A3Z20

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	15771		
138	2.8	28.0	42.0#	
227	0.0	8.0	12.0#	

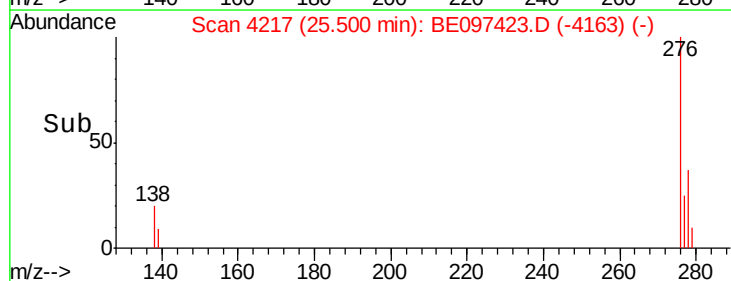
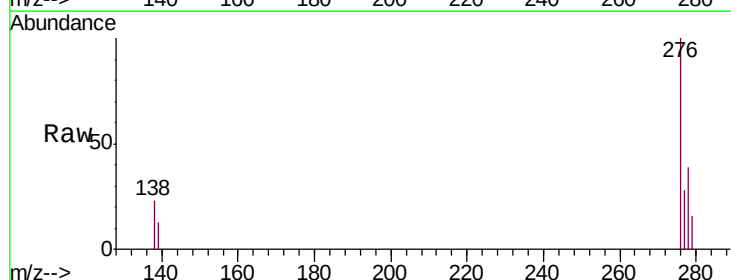
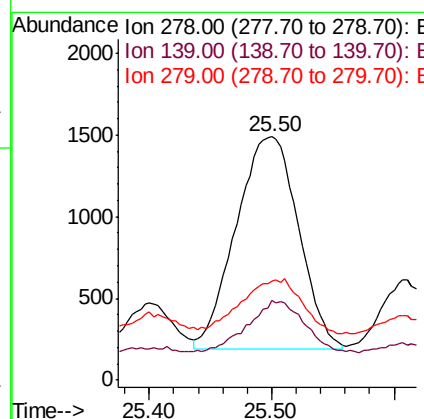
Manual Integrations
 APPROVED

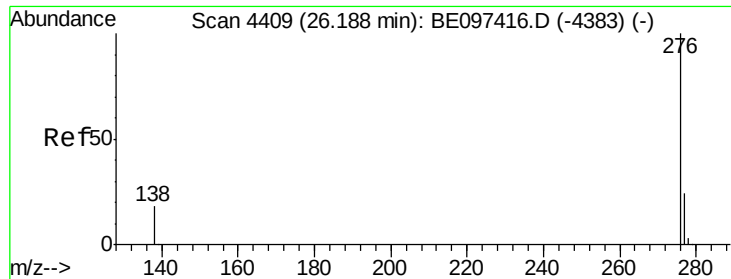
Sohil
 9/11/2018 2:42:48 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.197 ng/ul m
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.01 min
 Lab File: BE097423.D
 Acq: 7 Sep 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	4613		
139	32.6	17.4	26.0#	
279	40.8	25.9	38.9#	





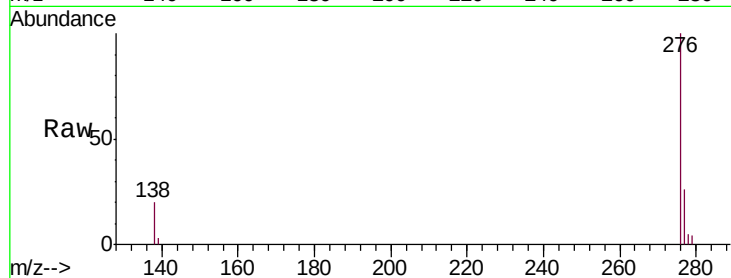
#26
 Benzo(g,h,i)perylene
 Concen: 0.684 ng/ul m
 RT: 26.18 min Scan# 4409
 Delta R.T. -0.00 min
 Lab File: BE097423.D
 Acq: 7 Sep 2018 13:55

Instrument :
 BNA_E
 ClientSampleId :
 A3Z20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	21.8	32.8#
277	26.0	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 9/11/2018 2:42:48 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

