

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
 Data File : BE097422.D
 Acq On : 7 Sep 2018 13:19
 Operator : SJ/JU
 Sample : J4688-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z21

Manual Integrations
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Quant Time: Sep 08 00:22:57 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	7.38	152	925	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3230	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	8664m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9981m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9396m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1360	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	5103m	0.18	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.16	128	2476	0.210	ng/ul#	96
5) 2-Methylnaphthalene	11.79	142	2247	0.302	ng/ul	98
7) Acenaphthylene	13.72	152	487	0.041	ng/ul#	57
9) Fluorene	15.07	166	276	0.024	ng/ul#	62
12) Phenanthrene	16.80	178	9877m	0.443	ng/ul	
13) Anthracene	16.89	178	1039m	0.055	ng/ul	
15) Fluoranthene	18.83	202	14914m	0.521	ng/ul	
17) Pyrene	19.20	202	16280	0.606	ng/ul#	79
18) Benzo(a)anthracene	20.95	228	7883m	0.307	ng/ul	
19) Chrysene	21.00	228	10071m	0.341	ng/ul	
21) Benzo(b)fluoranthene	22.53	252	10657m	0.424	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	3599m	0.128	ng/ul	
23) Benzo(a)pyrene	23.10	252	7772m	0.334	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.48	276	5142m	0.170	ng/ul	
25) Dibenzo(a,h)anthracene	25.50	278	1400m	0.055	ng/ul	
26) Benzo(g,h,i)perylene	26.19	276	5409m	0.210	ng/ul	

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

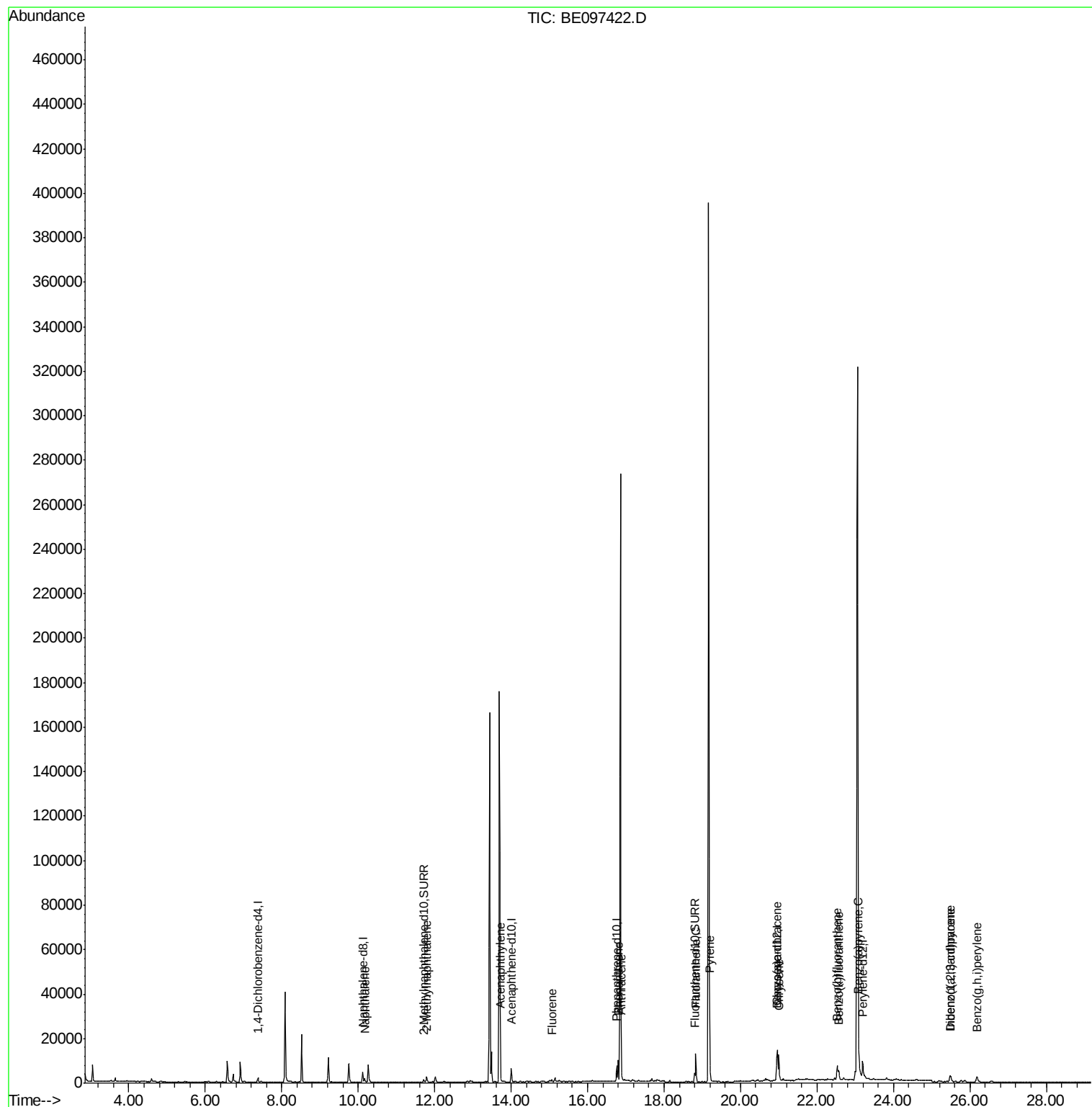
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
Data File : BE097422.D
Acq On : 7 Sep 2018 13:19
Operator : SJ/JU
Sample : J4688-15
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ALS Vial : 8 Sample Multiplier: 1

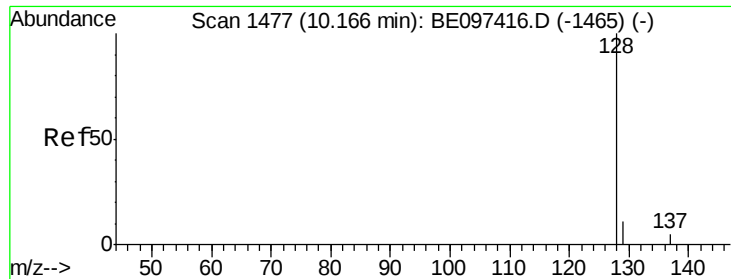
Instrument :
BNA_E
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Quant Time: Sep 08 00:22:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
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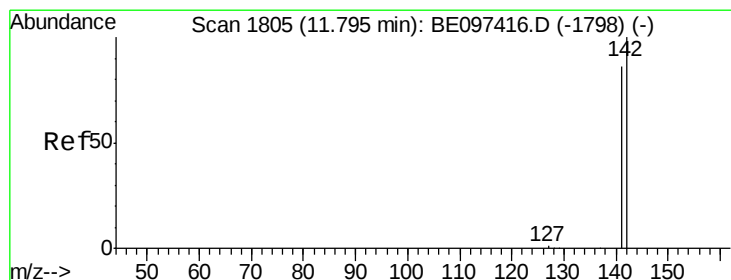
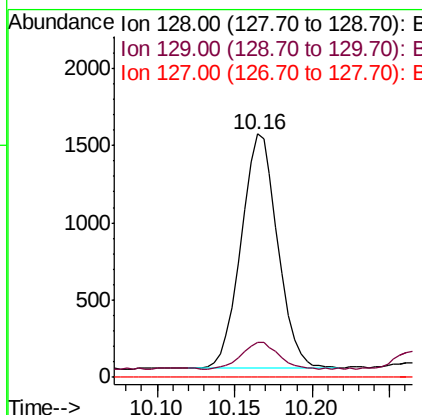
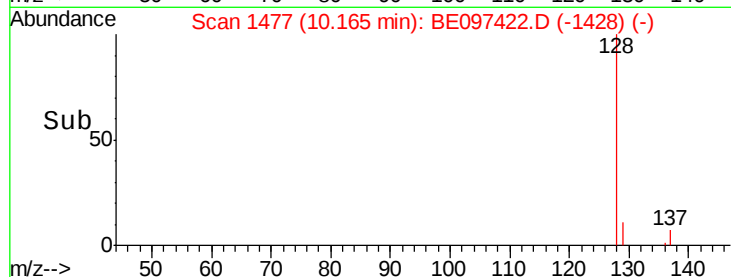
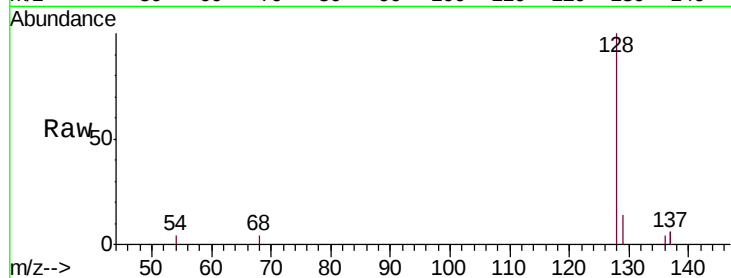
#3
Naphthalene
Concen: 0.210 ng/ul
RT: 10.16 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

Instrument :
BNA_E
ClientSampleId :
A3Z21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.3	11.3	16.9
127	0.0	4.0	6.0

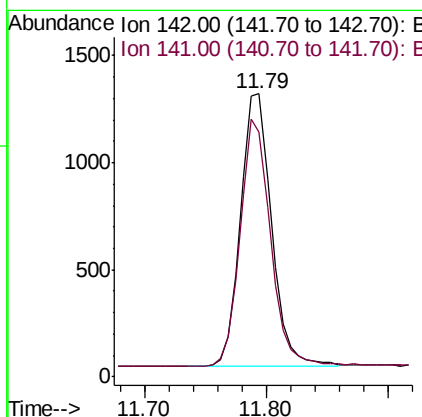
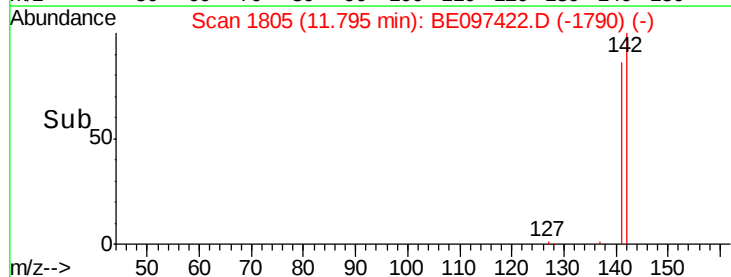
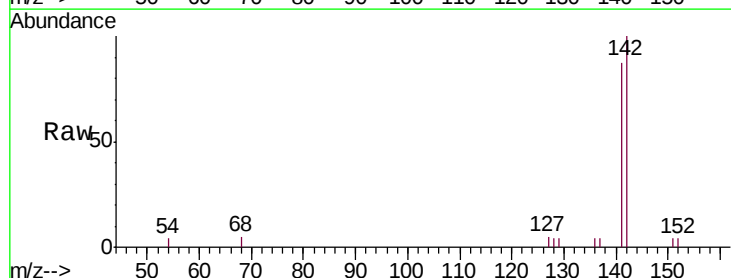
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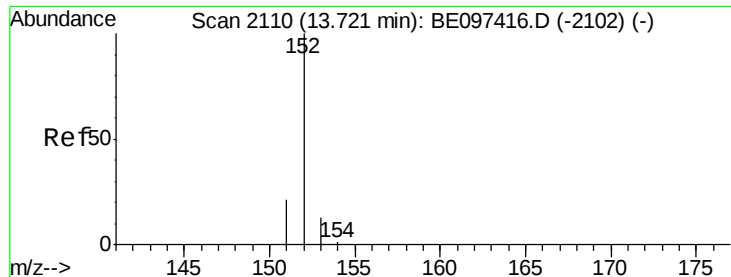
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#5
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 11.79 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BE097422.D

Acq: 7 Sep 2018 13:19

Instrument :

BNA_E

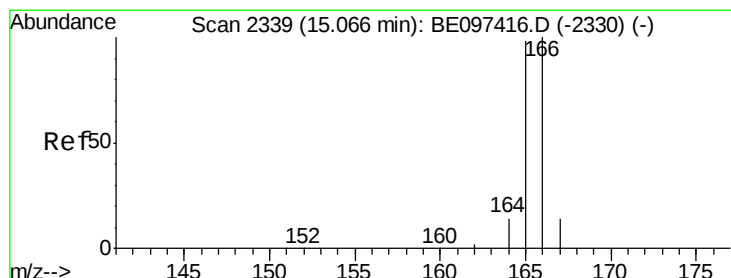
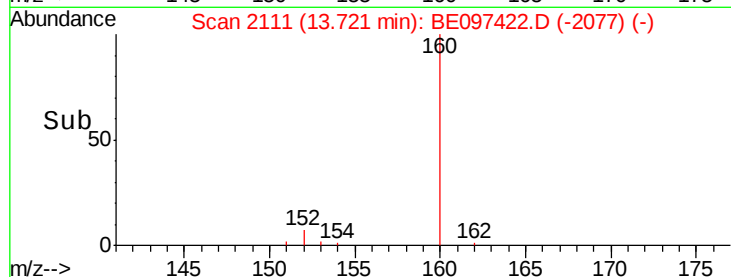
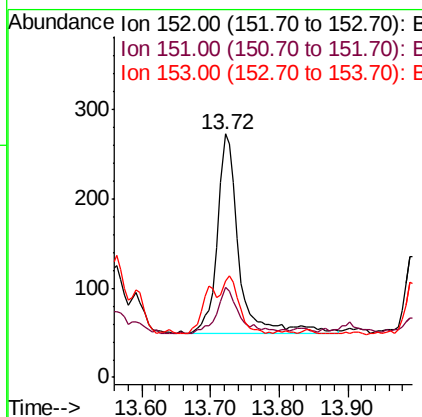
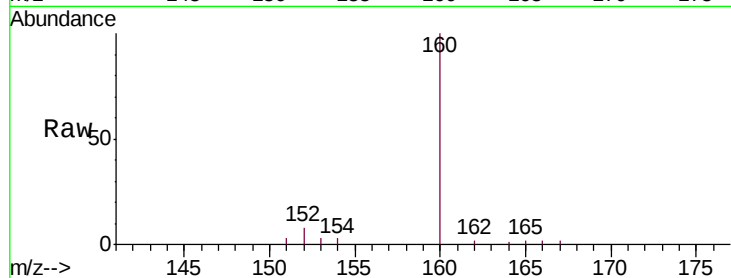
ClientSampled :

A3Z21

Tgt Ion:	152	Resp:	487
Ion Ratio	Lower	Upper	
152	100		
151	37.0	17.1	25.7#
153	39.6	12.8	19.2#

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#9

Fluorene

Concen: 0.024 ng/ul

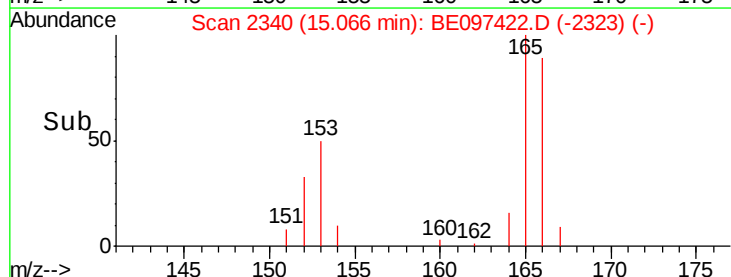
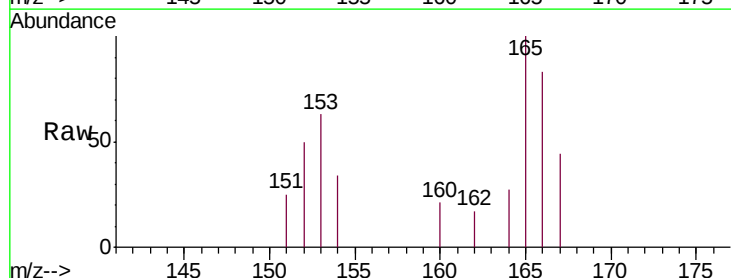
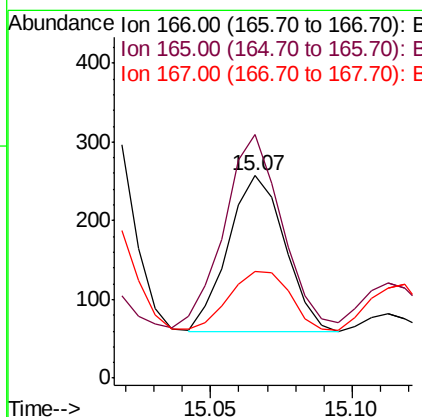
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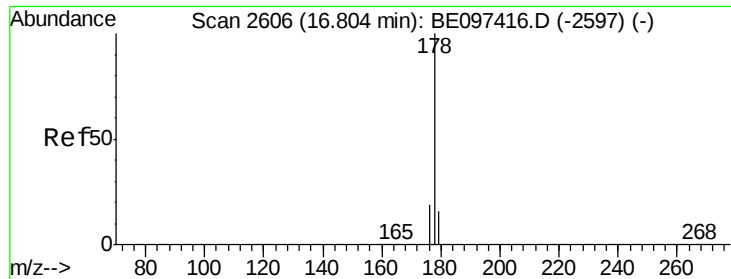
Delta R.T. -0.00 min

Lab File: BE097422.D

Acq: 7 Sep 2018 13:19

Tgt Ion:	166	Resp:	276
Ion Ratio	Lower	Upper	
166	100		
165	120.2	73.4	110.2#
167	52.5	14.6	22.0#





#12

Phenanthrene

Concen: 0.443 ng/ul m

RT: 16.80 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BE097422.D

Acq: 7 Sep 2018 13:19

Instrument :

BNA_E

ClientSampleId :

A3Z21

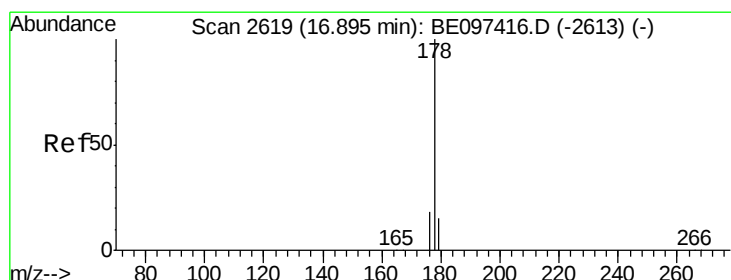
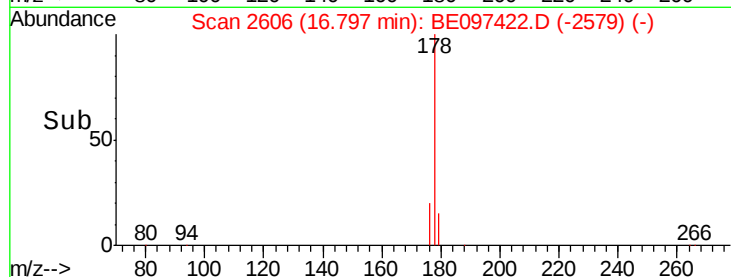
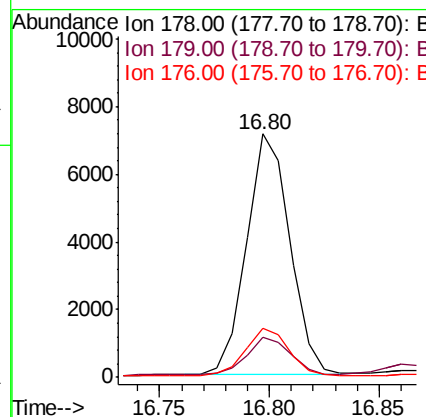
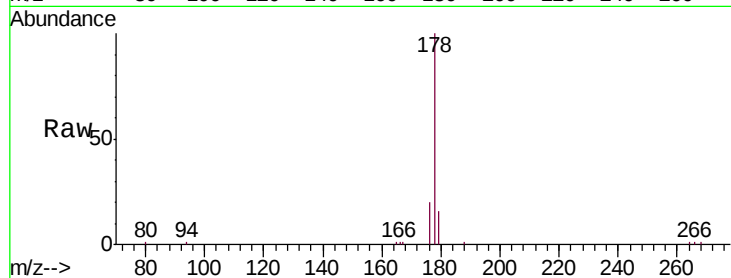
Tgt Ion:178 Resp: 9877

Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.4	27.6#
176	20.3	13.6	20.4

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#13

Anthracene

Concen: 0.055 ng/ul m

RT: 16.89 min Scan# 2619

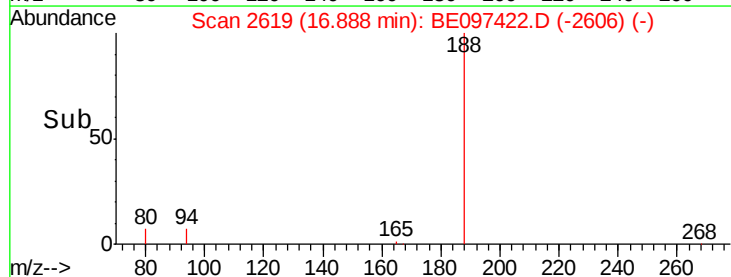
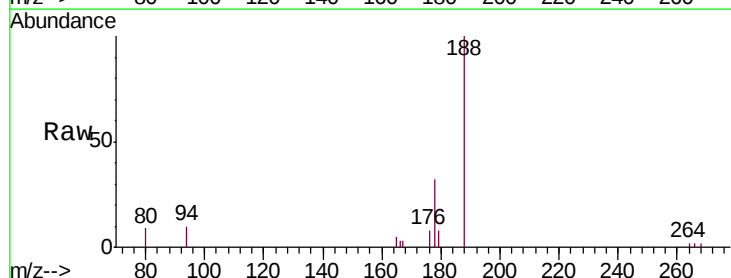
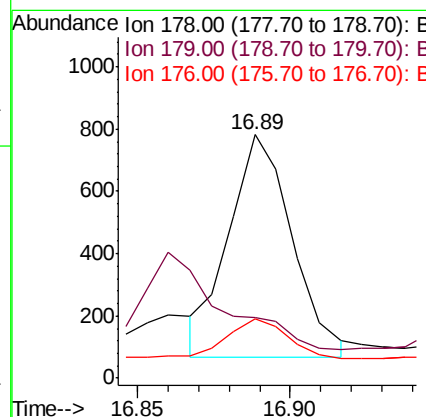
Delta R.T. -0.01 min

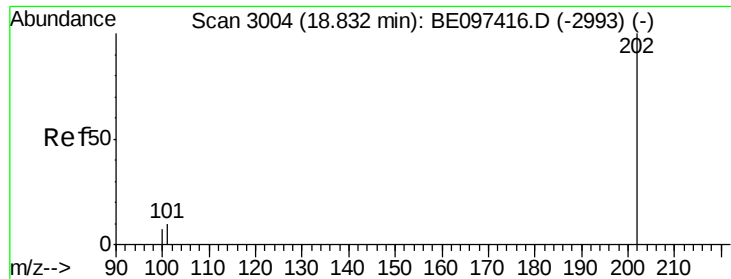
Lab File: BE097422.D

Acq: 7 Sep 2018 13:19

Tgt Ion:178 Resp: 1039

Ion	Ratio	Lower	Upper
178	100		
179	24.7	18.1	27.1
176	24.4	14.7	22.1#





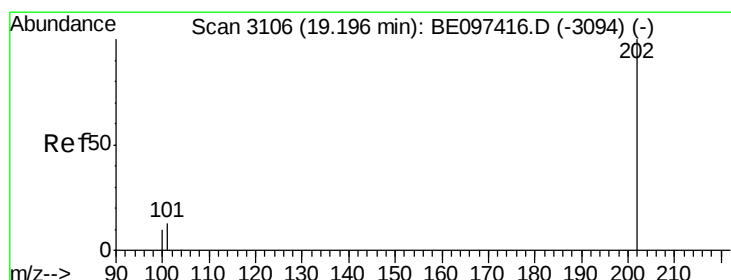
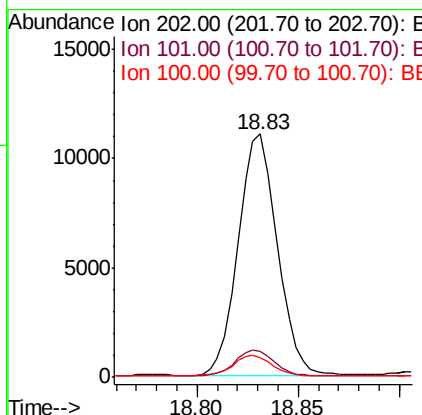
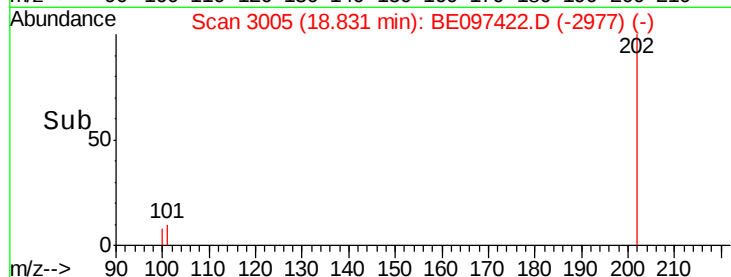
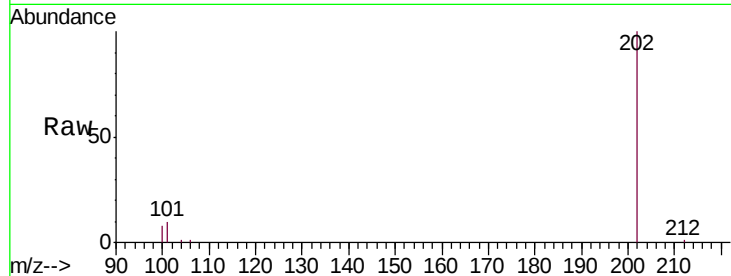
#15
Fluoranthene
Concen: 0.521 ng/ul m
RT: 18.83 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

Instrument :
BNA_E
ClientSampleId :
A3Z21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	14914		
101	10.5	0.0	30.3	
100	8.1	0.0	39.5	

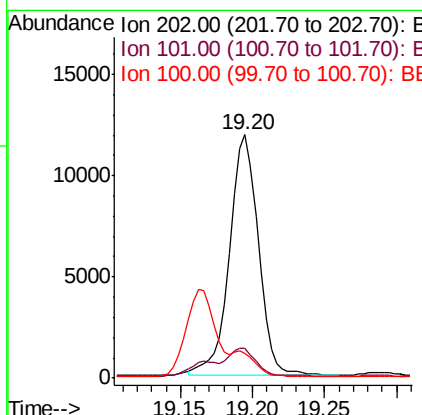
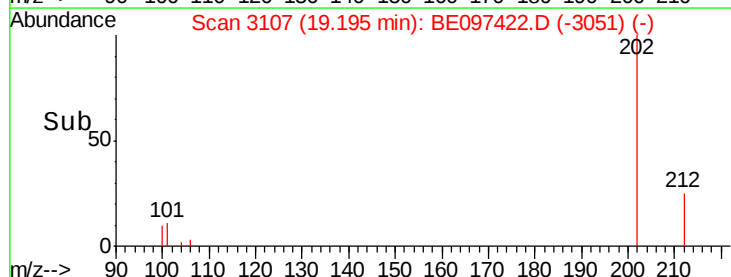
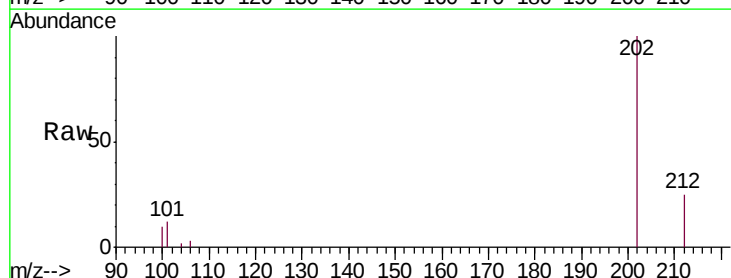
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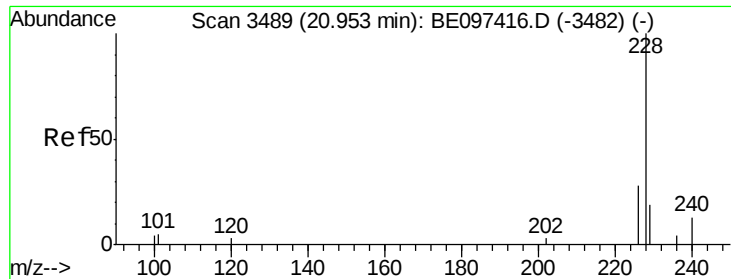
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#17
Pyrene
Concen: 0.606 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	16280		
101	12.3	18.2	27.4#	
100	10.0	15.6	23.4#	





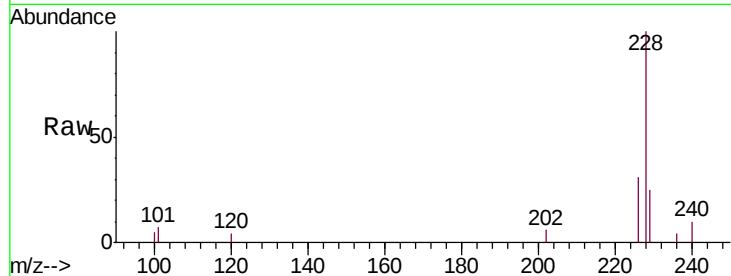
#18
Benzo(a)anthracene
Concen: 0.307 ng/ul m
RT: 20.95 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

Instrument :
BNA_E
ClientSampleId :
A3Z21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	7883		
229	24.6		22.8	34.2
226	30.8		17.0	25.6#

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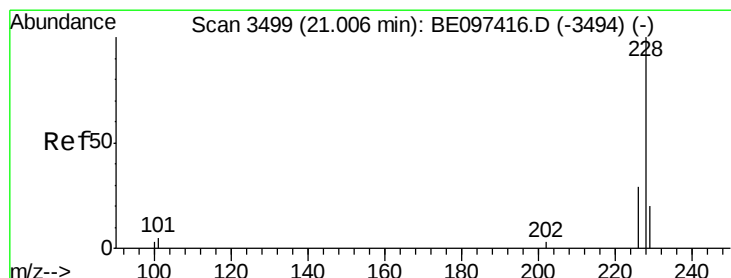
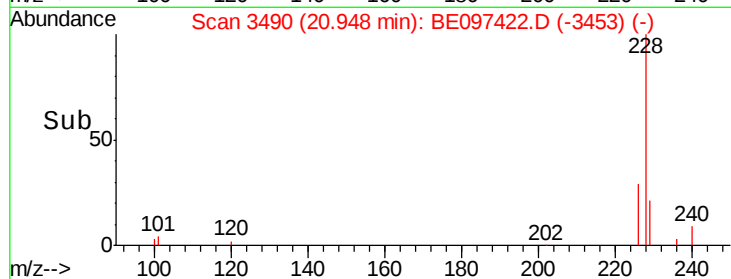
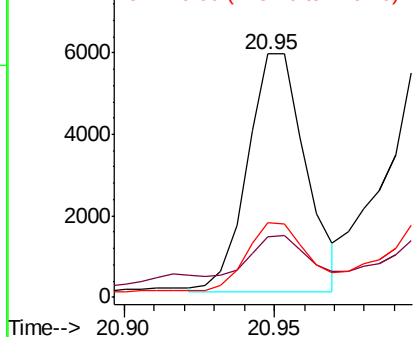


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19
Chrysene
Concen: 0.341 ng/ul m
RT: 21.00 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

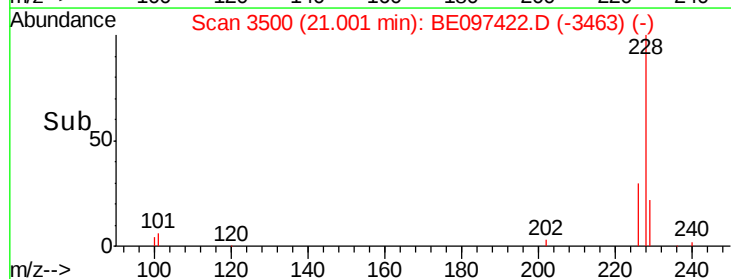
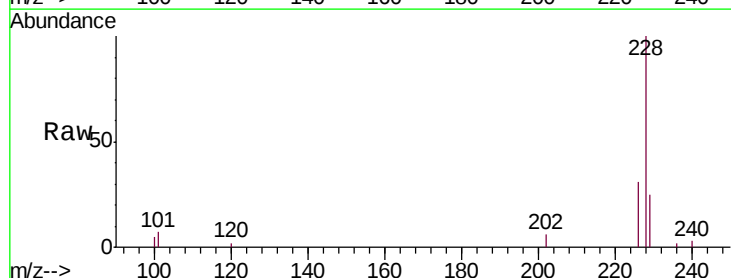
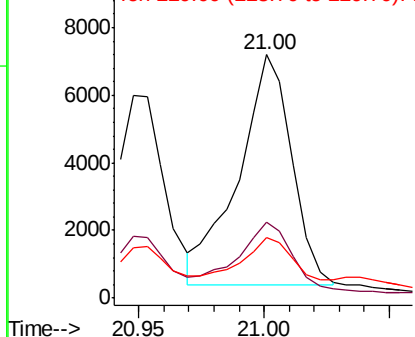
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	10071		
226	31.1		23.4	35.0
229	25.0		17.7	26.5

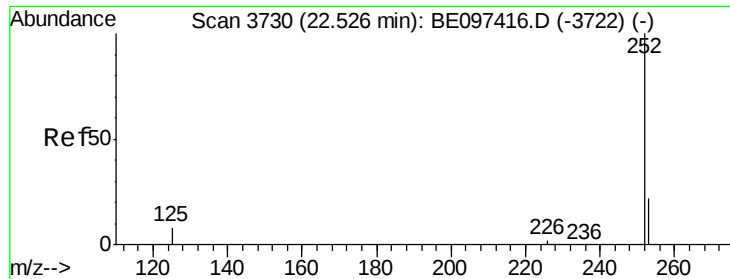
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





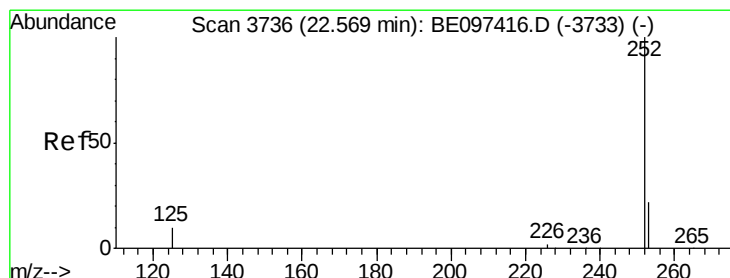
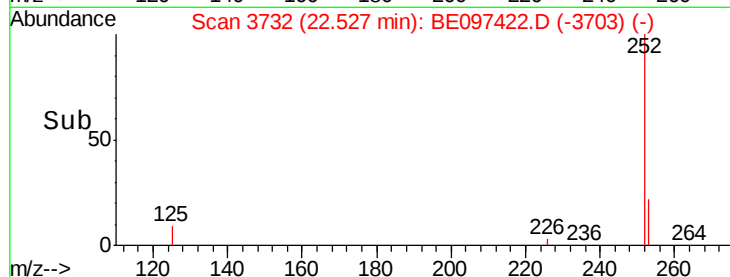
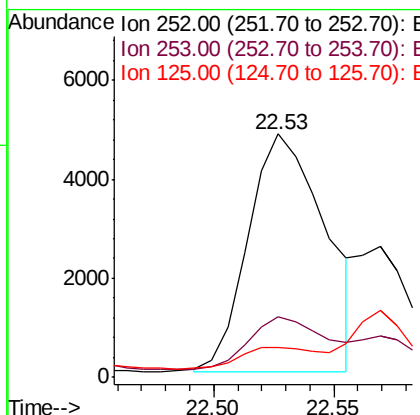
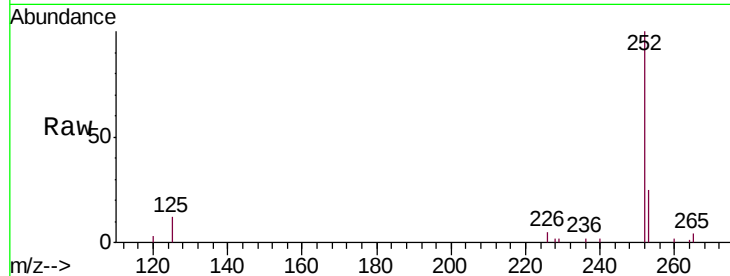
#21
Benzo(b)fluoranthene
Concen: 0.424 ng/ul m
RT: 22.53 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

Instrument :
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Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.6	0.0	64.2
125	12.1	0.0	35.0

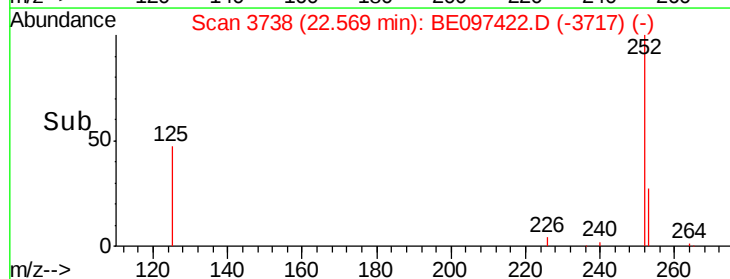
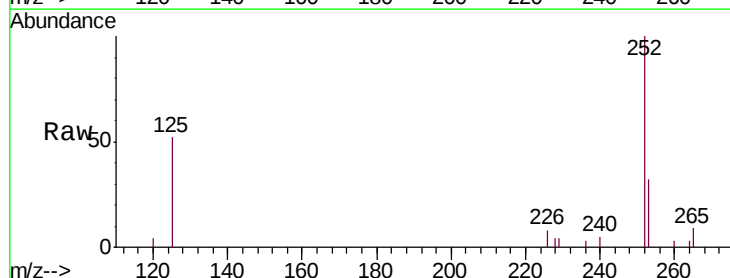
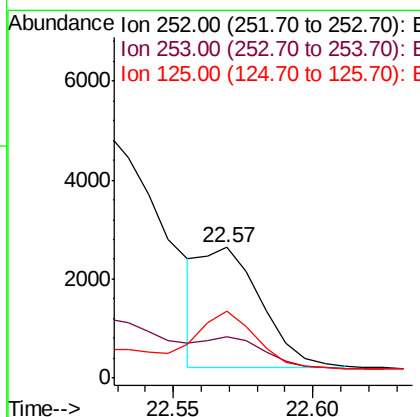
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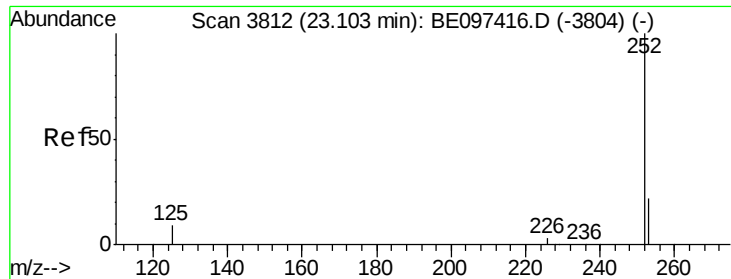
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#22
Benzo(k)fluoranthene
Concen: 0.128 ng/ul m
RT: 22.57 min Scan# 3738
Delta R.T. 0.00 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	32.1	24.5	36.7
125	51.6	13.7	20.5





#23

Benzo(a)pyrene

Concen: 0.334 ng/ul m

RT: 23.10 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BE097422.D

Acq: 7 Sep 2018 13:19

Instrument :

BNA_E

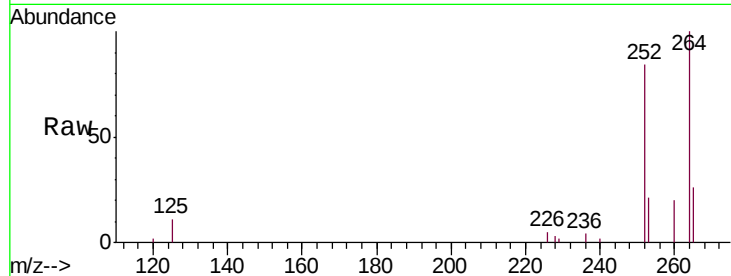
ClientSampleId :

A3Z21

Tgt Ion:	252	Resp:	7772
Ion Ratio	Lower	Upper	
252	100		
253	25.4	28.5	42.7#
125	13.1	18.1	27.1#

Manual Integrations
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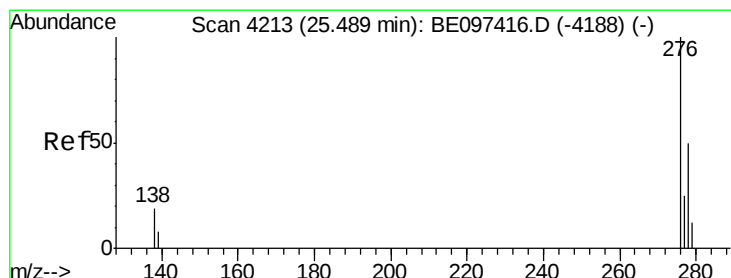
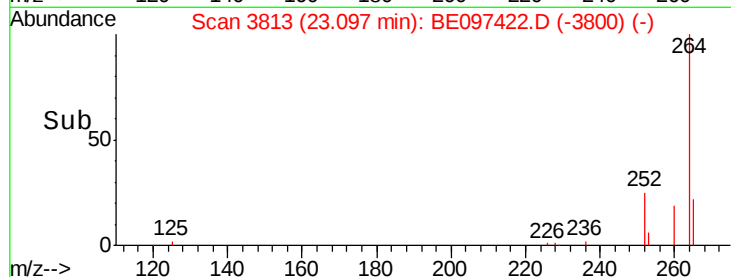
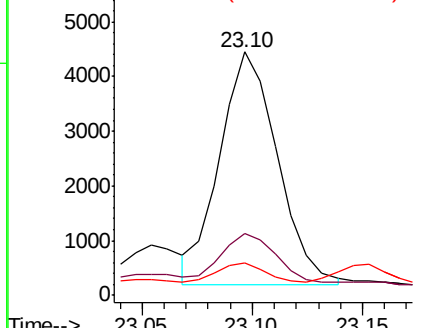
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Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.170 ng/ul m

RT: 25.48 min Scan# 4213

Delta R.T. -0.01 min

Lab File: BE097422.D

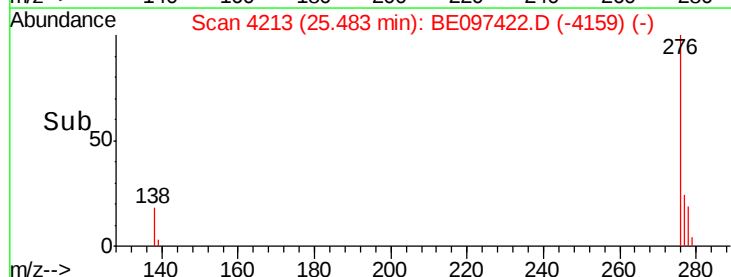
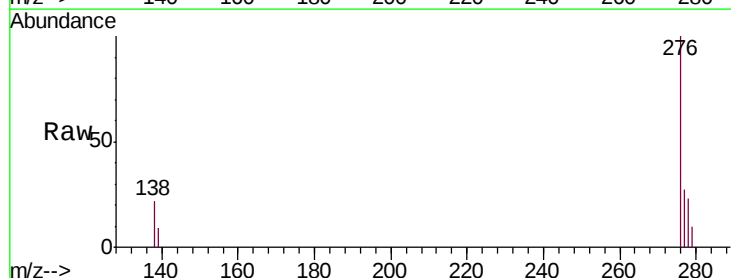
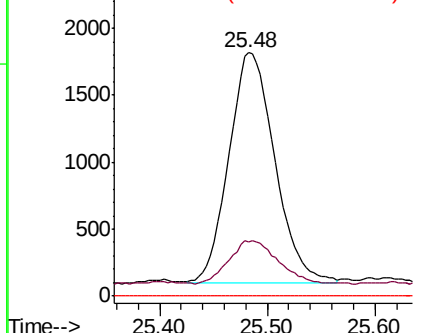
Acq: 7 Sep 2018 13:19

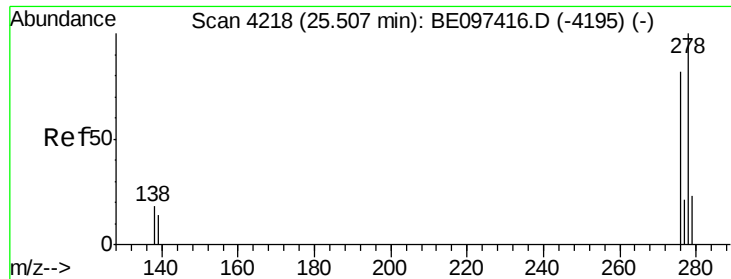
Tgt Ion:	276	Resp:	5142
Ion Ratio	Lower	Upper	
276	100		
138	2.7	28.0	42.0#
227	0.0	8.0	12.0#

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





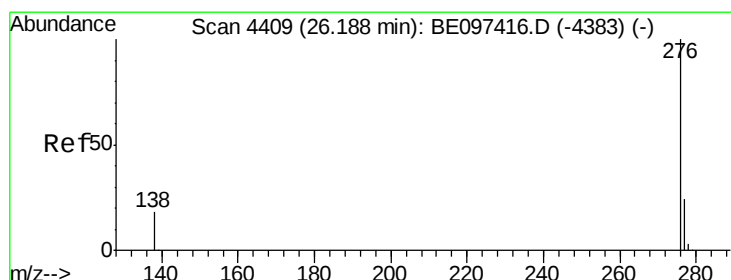
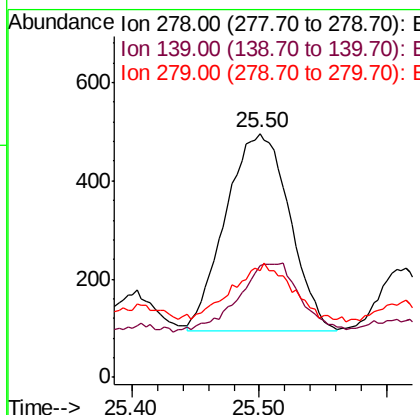
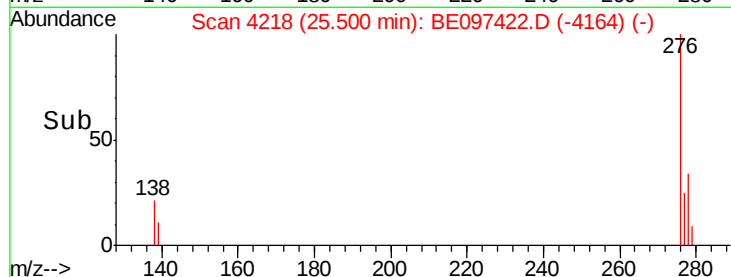
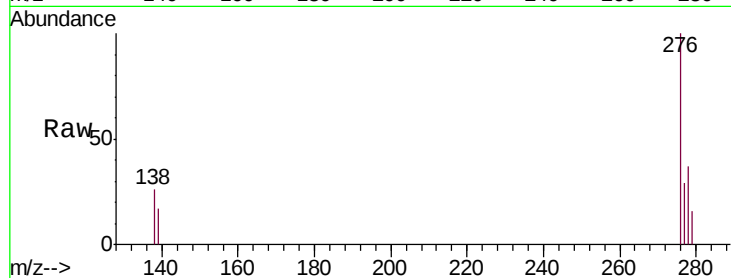
#25
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul m
RT: 25.50 min Scan# 4218
Delta R.T. -0.01 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

Instrument :
BNA_E
ClientSampleId :
A3Z21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	46.0	17.4	26.0#
279	43.8	25.9	38.9#

Manual Integrations
APPROVED

Sohil
9/11/2018 2:44:03 PM



#26
Benzo(g,h,i)perylene
Concen: 0.210 ng/ul m
RT: 26.19 min Scan# 4410
Delta R.T. -0.00 min
Lab File: BE097422.D
Acq: 7 Sep 2018 13:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.8	32.8#
277	26.0	20.5	30.7

