

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
 Data File : BE097434.D
 Acq On : 7 Sep 2018 23:23
 Operator : SJ/JU
 Sample : J4688-13DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z19DL

Manual Integrations
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Quant Time: Sep 08 03:59:05 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 : Sat Sep 08 02:48:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1039	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5435	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3484	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9214	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10597	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	11843	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	467	0.06	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1555	0.05	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.17	128	5008	0.378	ng/ul#	95
5) 2-Methylnaphthalene	11.79	142	3778	0.451	ng/ul	98
7) Acenaphthylene	13.72	152	6618	0.522	ng/ul	98
8) Acenaphthene	14.07	153	1041	0.095	ng/ul#	92
9) Fluorene	15.07	166	2039	0.163	ng/ul#	88
12) Phenanthrene	16.80	178	59778m	2.520	ng/ul	
13) Anthracene	16.90	178	5035	0.252	ng/ul	95
15) Fluoranthene	18.83	202	134564	4.416	ng/ul	84
17) Pyrene	19.20	202	104539	3.666	ng/ul#	78
18) Benzo(a)anthracene	20.95	228	39757	1.460	ng/ul#	83
19) Chrysene	21.01	228	57583	1.836	ng/ul	99
21) Benzo(b)fluoranthene	22.53	252	65976m	2.080	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	24252m	0.686	ng/ul	
23) Benzo(a)pyrene	23.10	252	35149	1.198	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.49	276	28193	0.741	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.50	278	7352	0.228	ng/ul#	94
26) Benzo(g,h,i)perylene	26.19	276	25192	0.777	ng/ul#	92

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

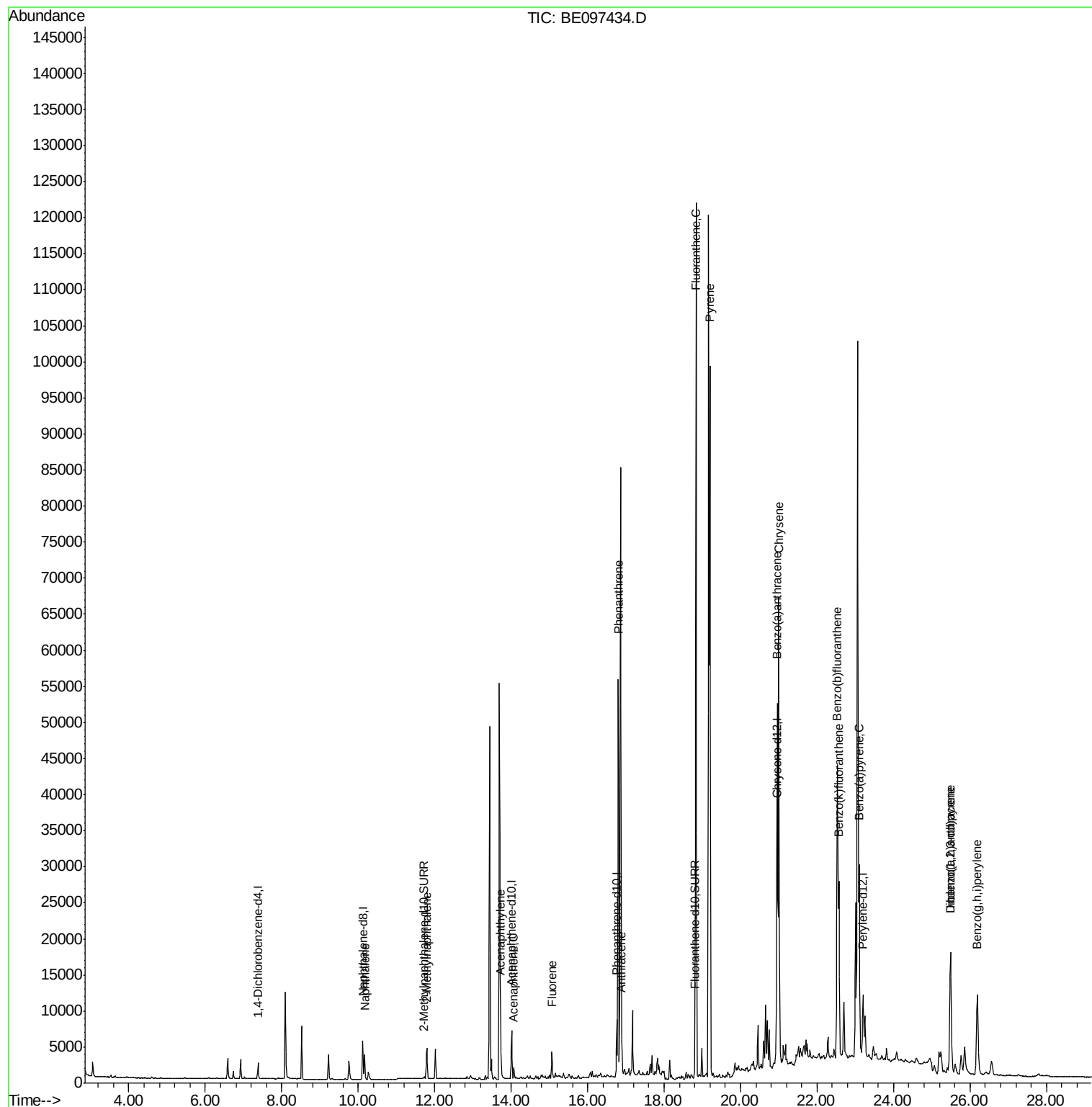
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
Data File : BE097434.D
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ALS Vial : 19 Sample Multiplier: 1

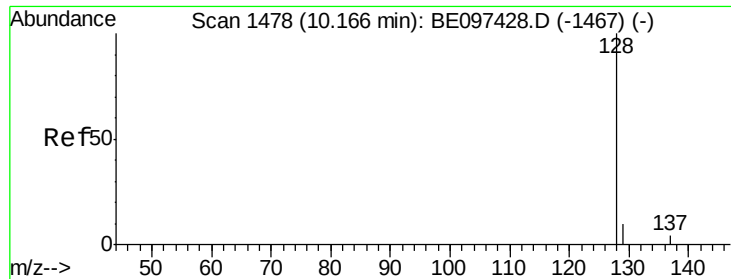
Instrument :
BNA_E
ClientSampleId :
A3Z19DL

Quant Time: Sep 08 03:59:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.378 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE097434.D

Acq: 7 Sep 2018 23:23

Instrument :

BNA_E

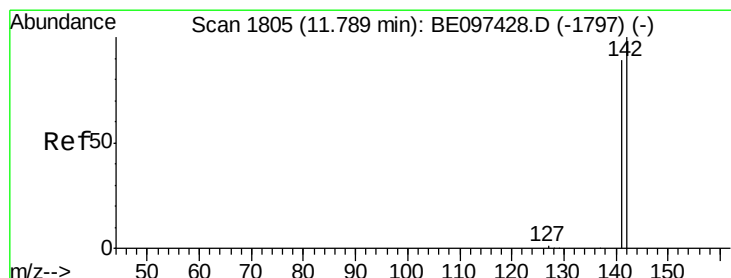
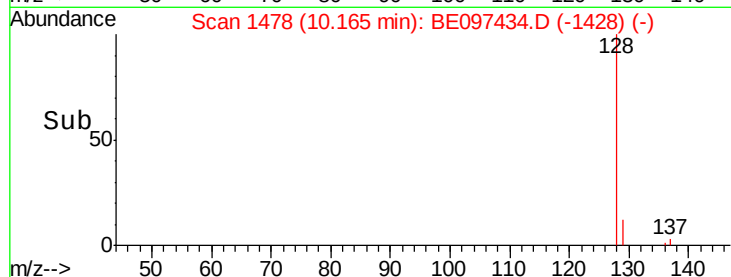
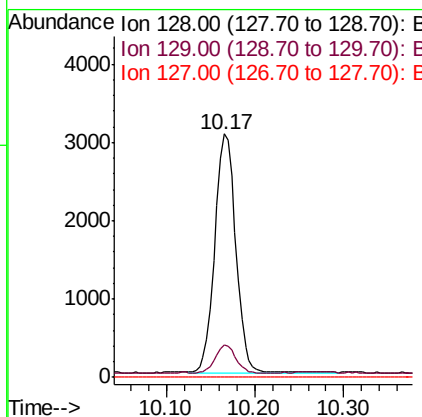
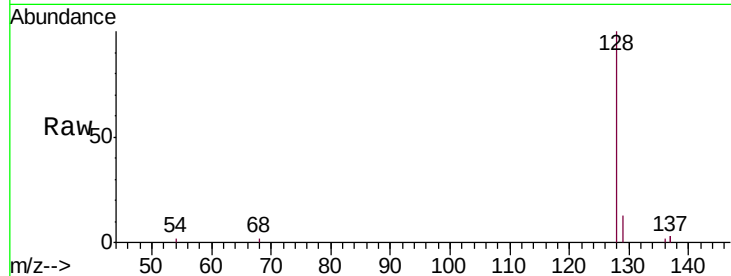
ClientSampleId :

A3Z19DL

Tgt Ion:	128	Resp:	5008
Ion Ratio	Lower	Upper	
128	100		
129	13.2	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.451 ng/ul

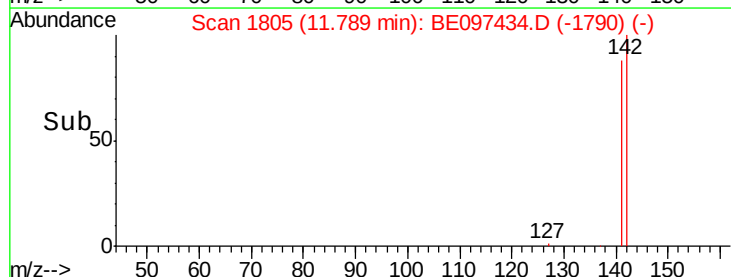
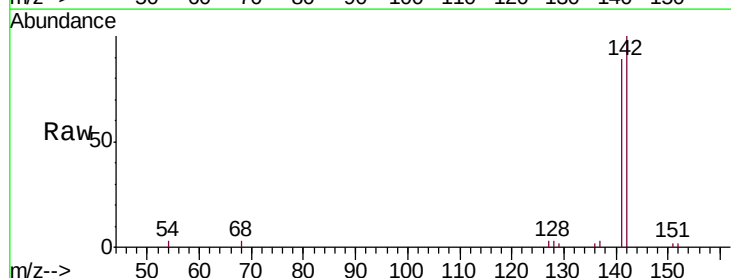
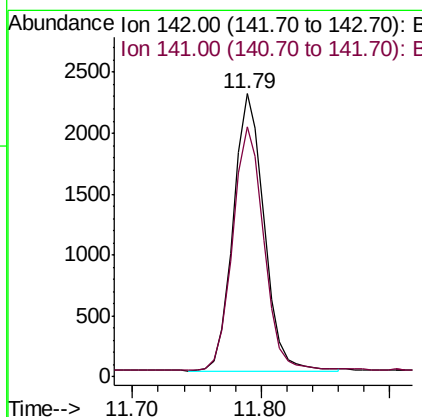
RT: 11.79 min Scan# 1805

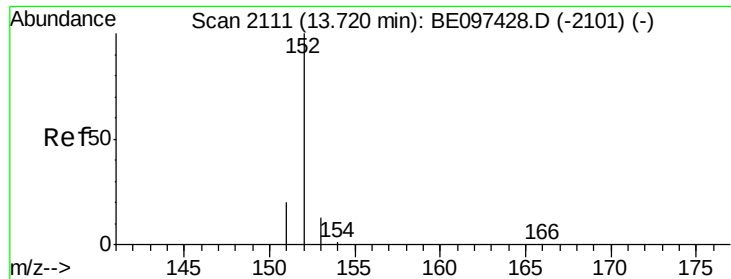
Delta R.T. -0.00 min

Lab File: BE097434.D

Acq: 7 Sep 2018 23:23

Tgt Ion:	142	Resp:	3778
Ion Ratio	Lower	Upper	
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.522 ng/ul

RT: 13.72 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE097434.D

Acq: 7 Sep 2018 23:23

Instrument :

BNA_E

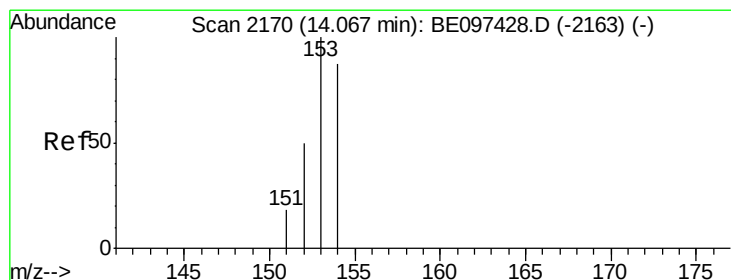
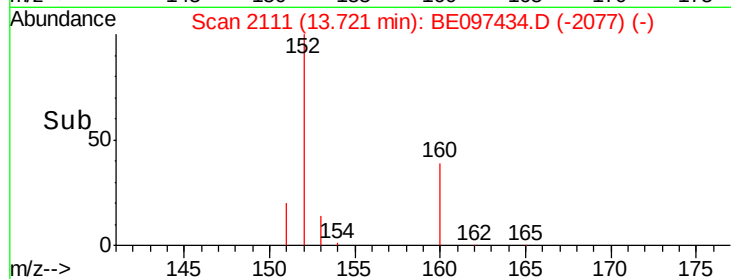
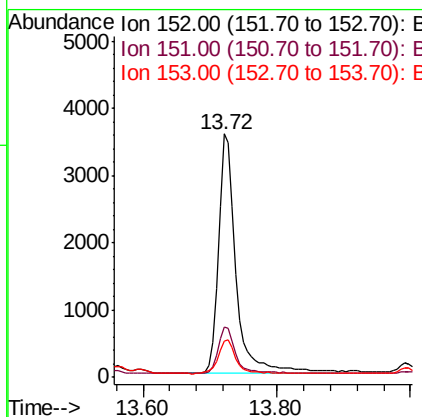
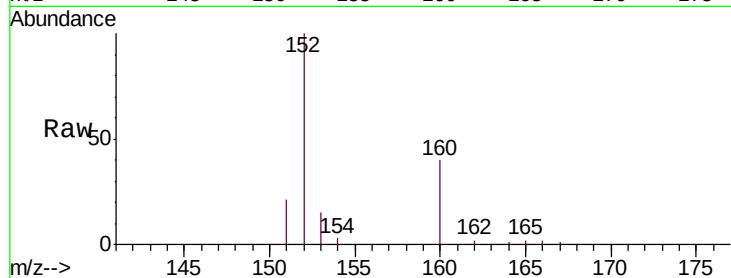
ClientSampleId :

A3Z19DL

Tgt Ion:	152	Resp:	6618
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	15.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.095 ng/ul

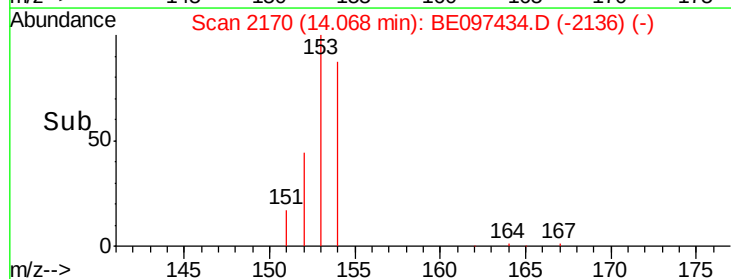
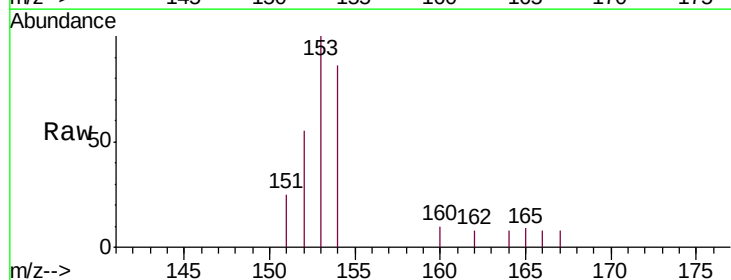
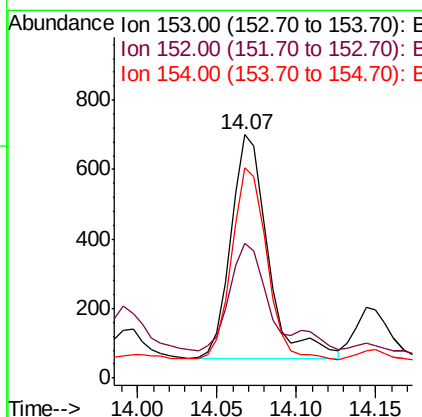
RT: 14.07 min Scan# 2170

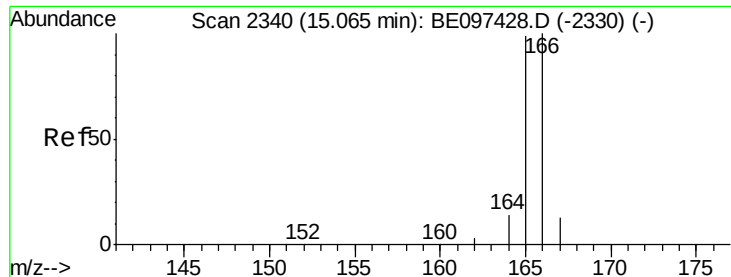
Delta R.T. 0.00 min

Lab File: BE097434.D

Acq: 7 Sep 2018 23:23

Tgt Ion:	153	Resp:	1041
Ion Ratio	Lower	Upper	
153	100		
152	55.3	36.0	54.0#
154	86.2	72.0	108.0





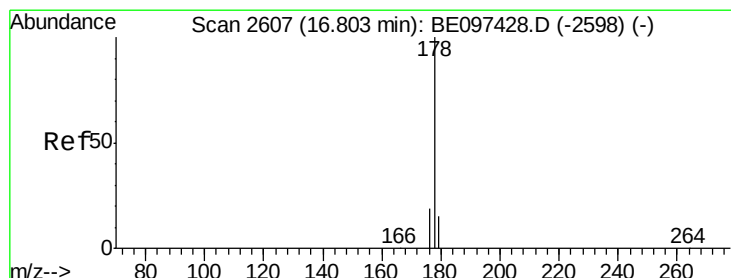
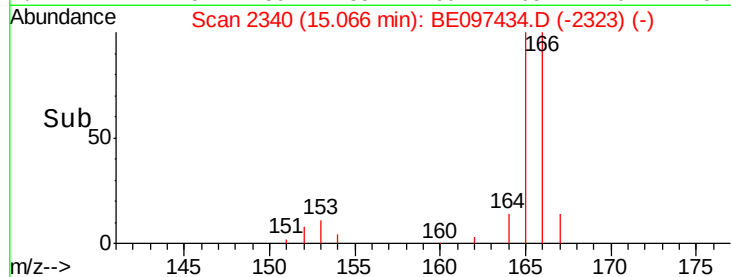
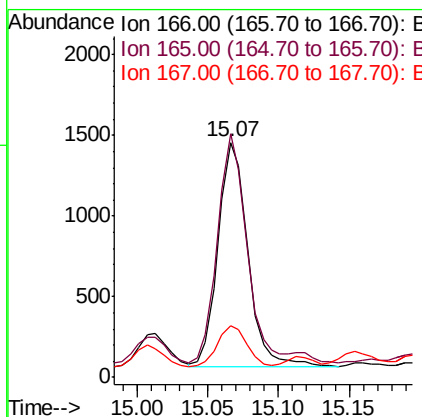
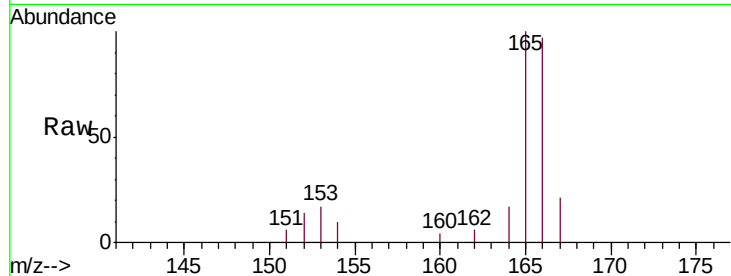
#9
Fluorene
 Concen: 0.163 ng/ul
 RT: 15.07 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: BE097434.D
 Acq: 7 Sep 2018 23:23

Instrument :
 BNA_E
 ClientSampleId :
 A3Z19DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.5	73.4	110.2
167	22.1	14.6	22.0

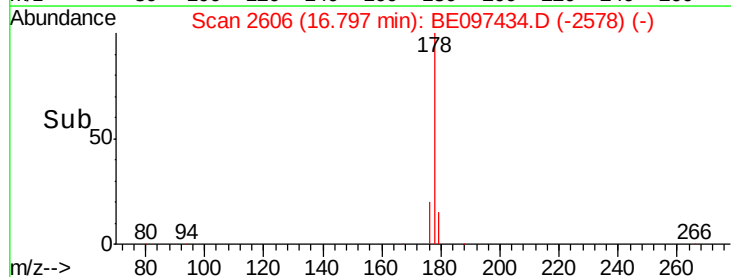
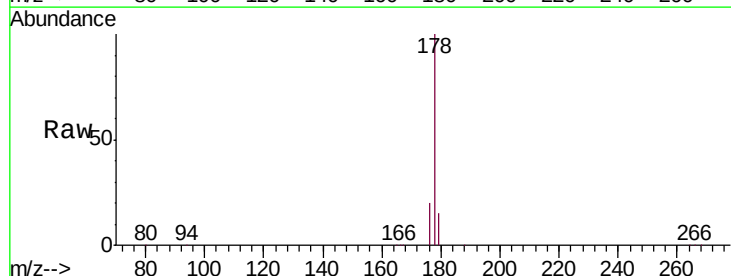
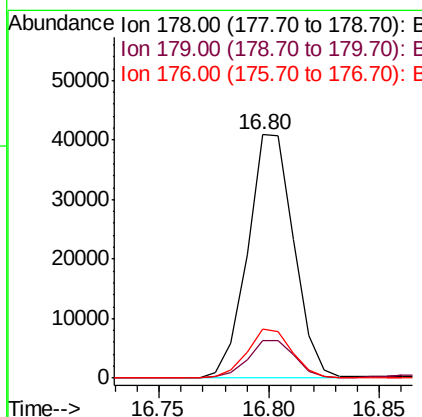
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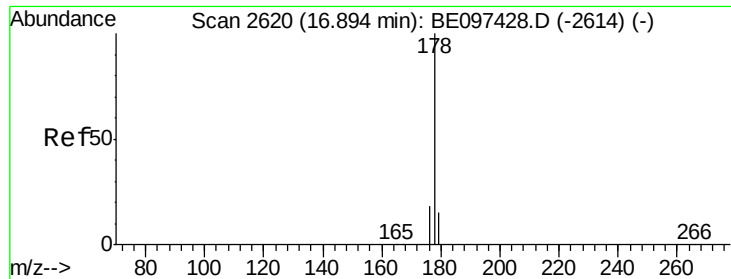
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#12
Phenanthrene
 Concen: 2.520 ng/ul m
 RT: 16.80 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BE097434.D
 Acq: 7 Sep 2018 23:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6
176	20.0	13.6	20.4





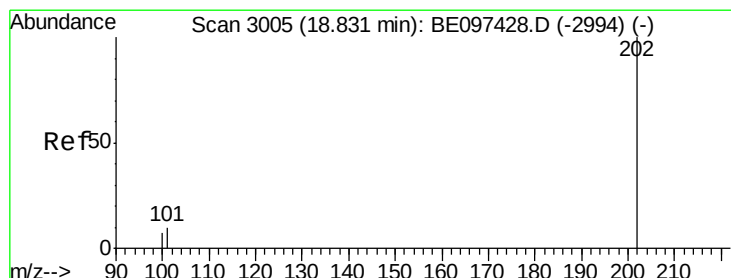
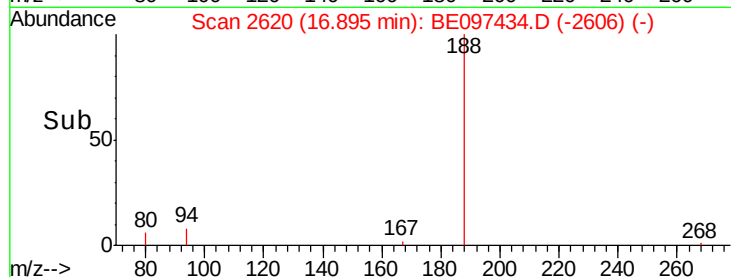
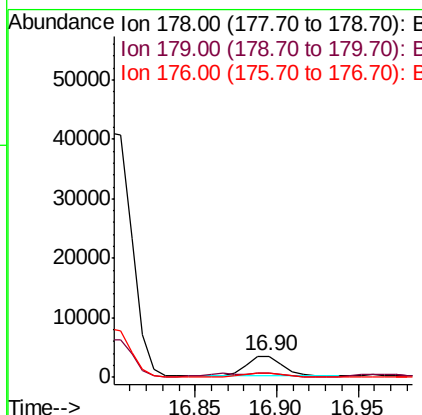
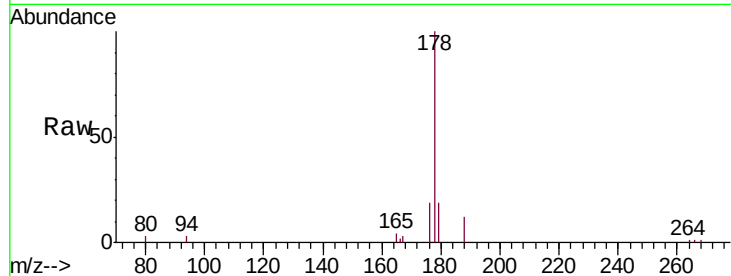
#13
 Anthracene
 Concen: 0.252 ng/ul
 RT: 16.90 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BE097434.D
 Acq: 7 Sep 2018 23:23

Instrument :
 BNA_E
 ClientSampled :
 A3Z19DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.6	18.1	27.1
176	19.1	14.7	22.1

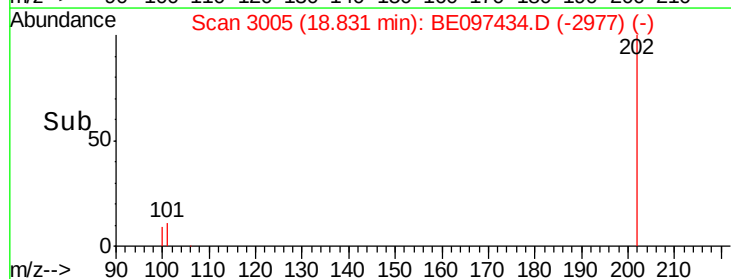
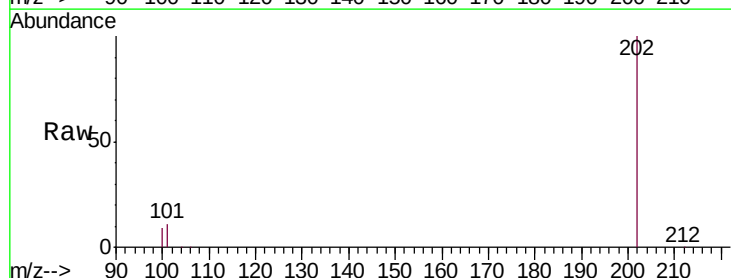
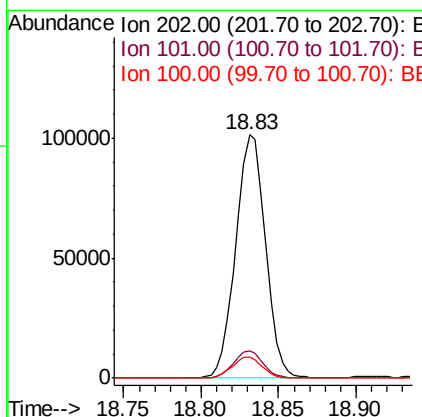
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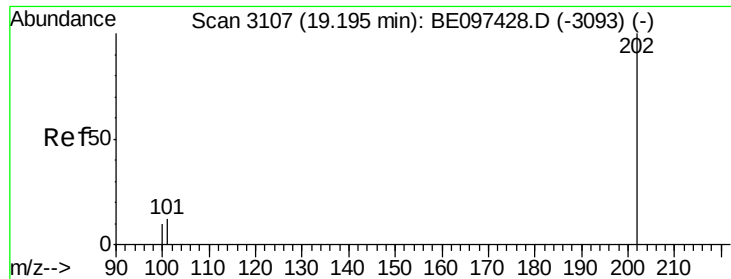
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#15
 Fluoranthene
 Concen: 4.416 ng/ul
 RT: 18.83 min Scan# 3005
 Delta R.T. -0.00 min
 Lab File: BE097434.D
 Acq: 7 Sep 2018 23:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
100	8.8	0.0	39.5





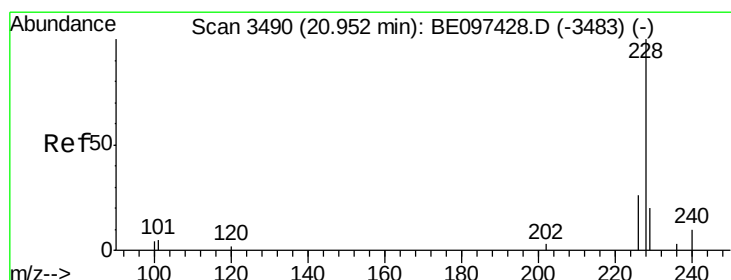
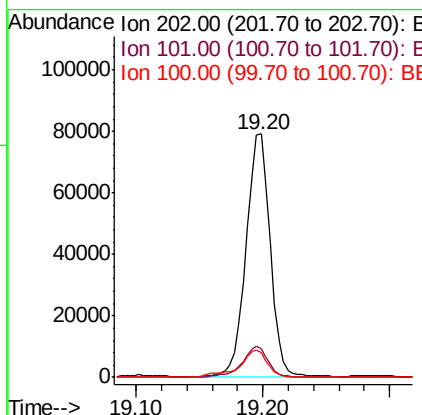
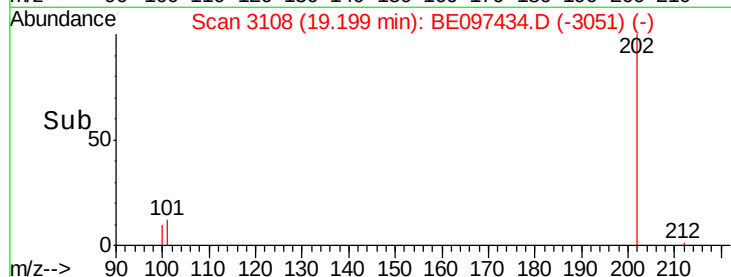
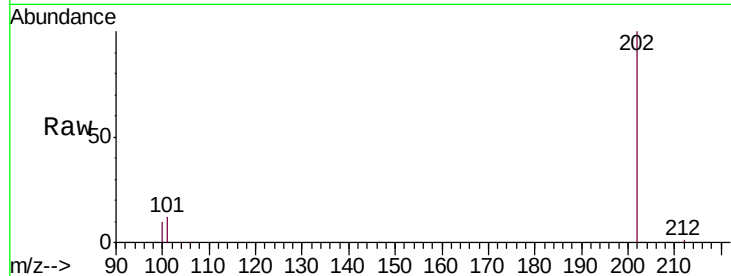
#17
Pyrene
Concen: 3.666 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BE097434.D
Acq: 7 Sep 2018 23:23

Instrument :
BNA_E
ClientSampleId :
A3Z19DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.8	18.2	27.4#
100	10.0	15.6	23.4#

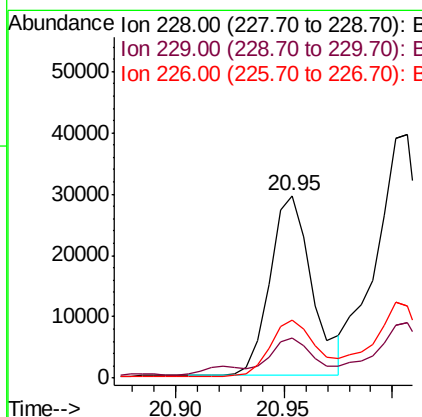
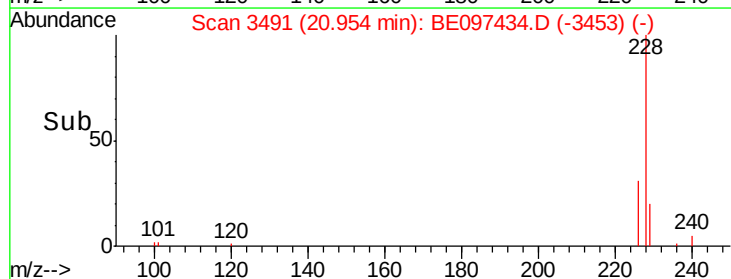
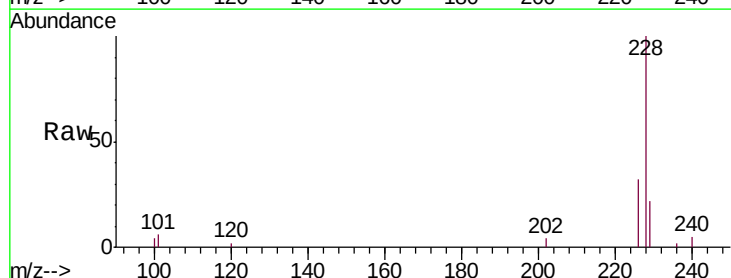
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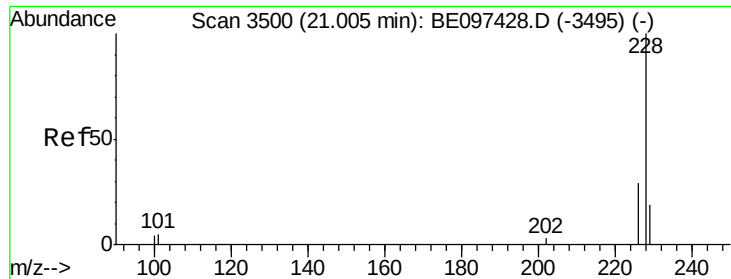
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#18
Benzo(a)anthracene
Concen: 1.460 ng/ul
RT: 20.95 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097434.D
Acq: 7 Sep 2018 23:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.9	22.8	34.2#
226	32.2	17.0	25.6#





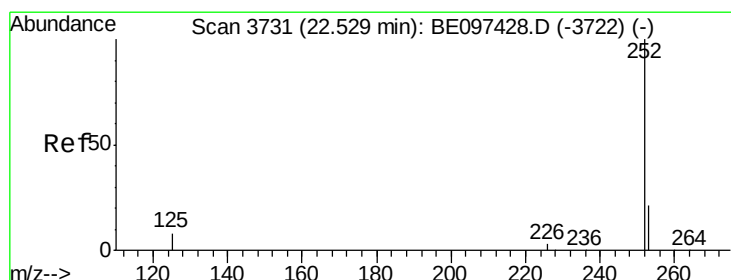
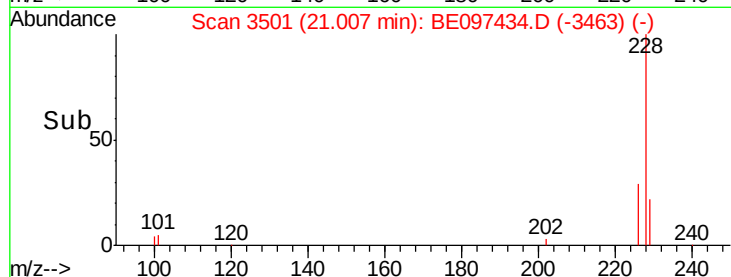
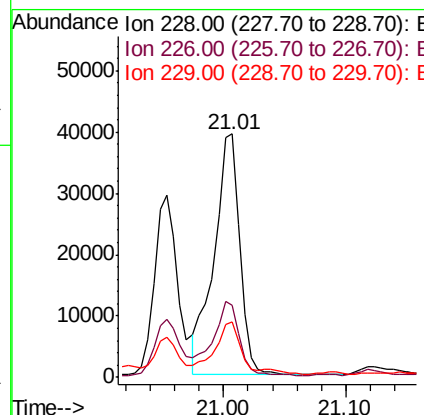
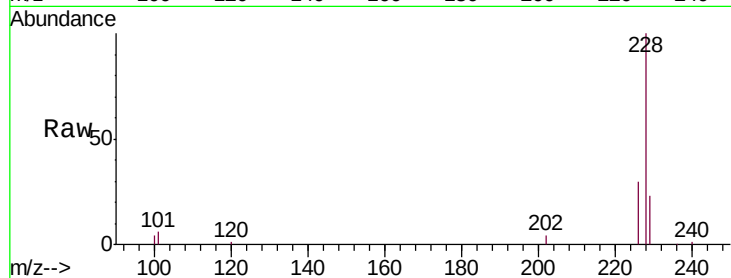
#19
Chrysene
Concen: 1.836 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE097434.D
Acq: 7 Sep 2018 23:23

Instrument :
BNA_E
ClientSampled :
A3Z19DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	22.8	17.7	26.5

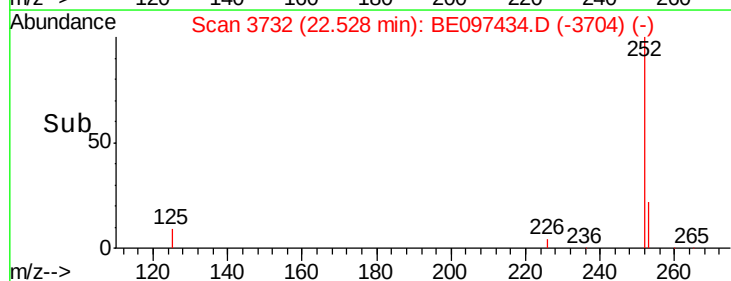
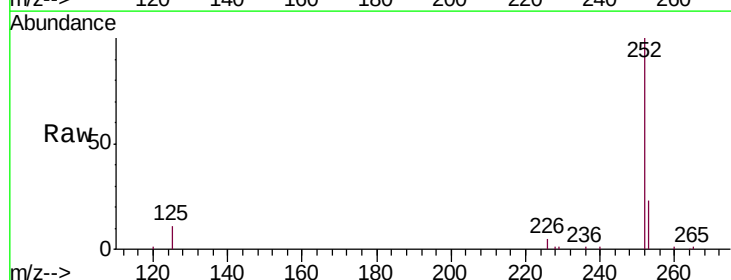
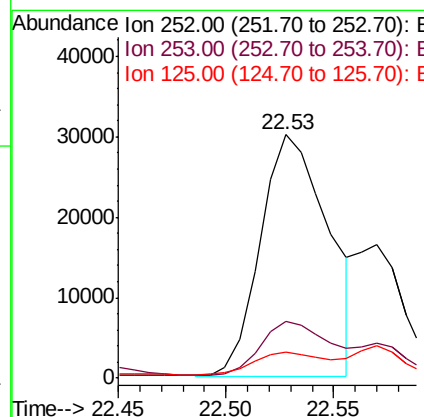
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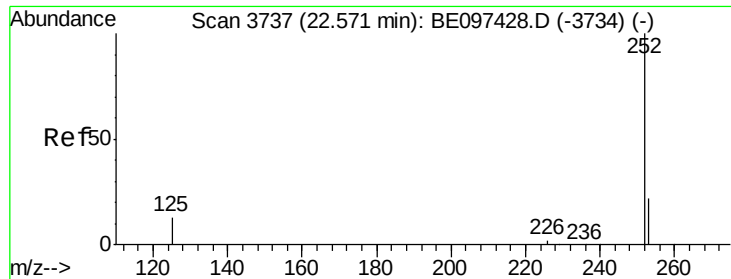
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#21
Benzo(b)fluoranthene
Concen: 2.080 ng/ul m
RT: 22.53 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE097434.D
Acq: 7 Sep 2018 23:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	64.2
125	10.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.686 ng/ul m

RT: 22.57 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BE097434.D

Acq: 7 Sep 2018 23:23

Instrument :

BNA_E

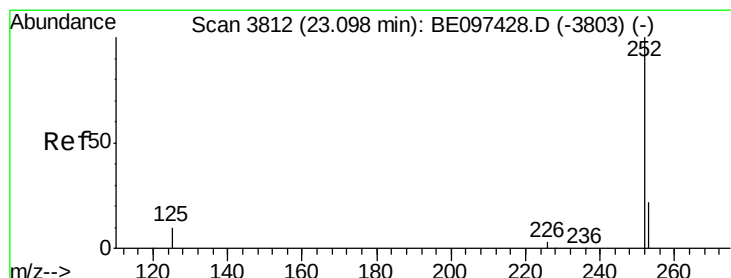
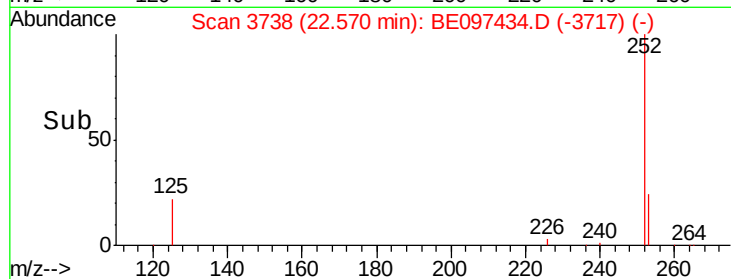
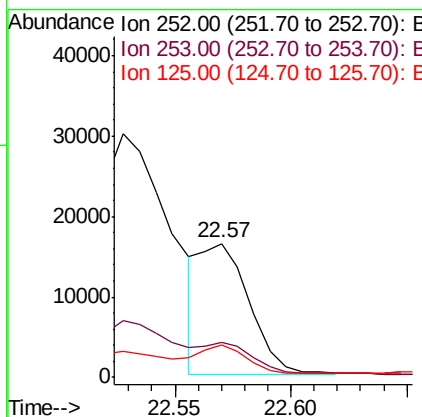
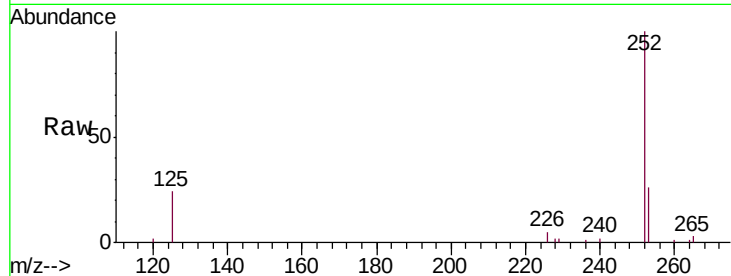
ClientSampleId :

A3Z19DL

Tgt Ion:	252	Resp:	24252
Ion Ratio	Lower	Upper	
252	100		
253	26.2	24.5	36.7
125	24.0	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.198 ng/ul

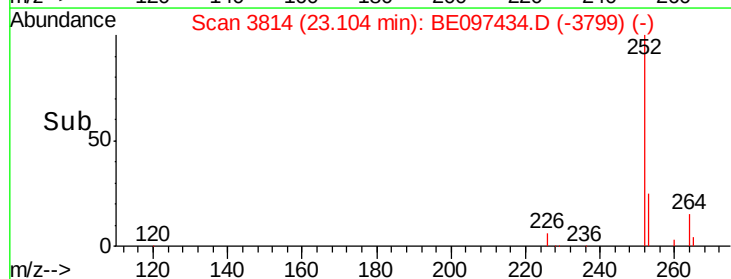
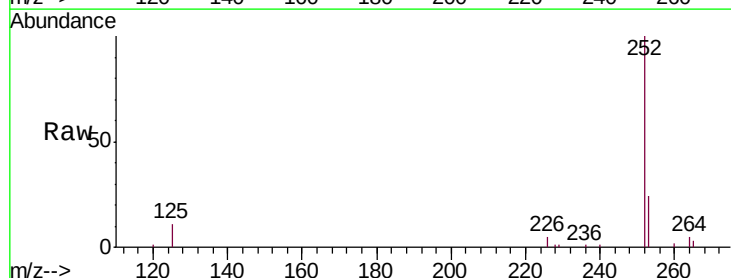
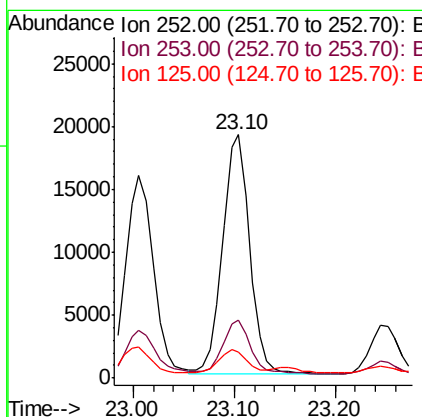
RT: 23.10 min Scan# 3814

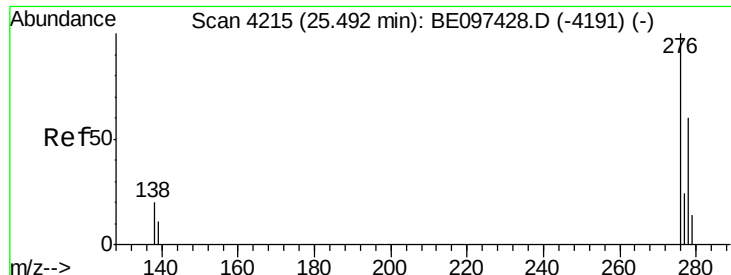
Delta R.T. 0.01 min

Lab File: BE097434.D

Acq: 7 Sep 2018 23:23

Tgt Ion:	252	Resp:	35149
Ion Ratio	Lower	Upper	
252	100		
253	24.1	28.5	42.7#
125	10.7	18.1	27.1#





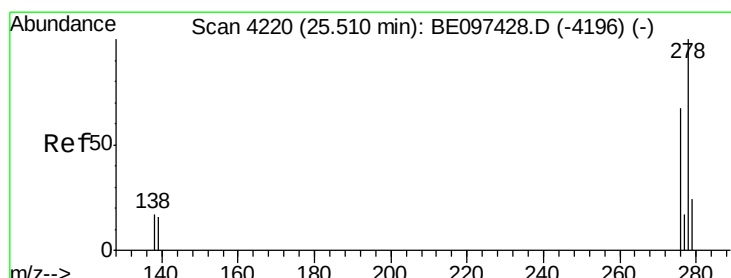
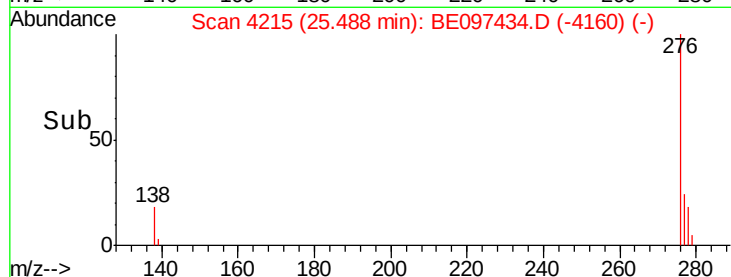
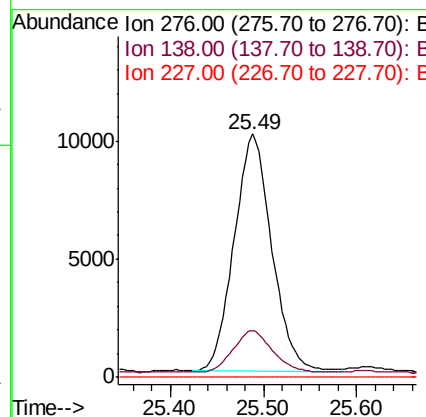
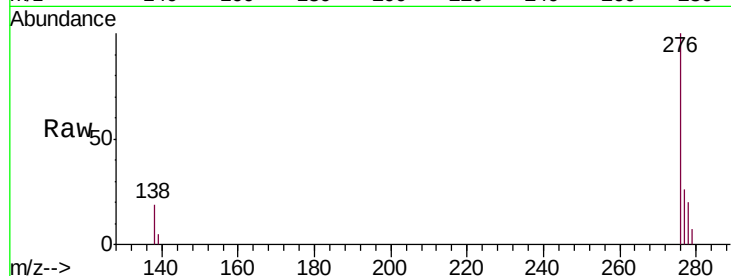
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.741 ng/ul
 RT: 25.49 min Scan# 4215
 Delta R.T. -0.00 min
 Lab File: BE097434.D
 Acq: 7 Sep 2018 23:23

Instrument :
 BNA_E
 ClientSampleId :
 A3Z19DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	18.9	28.0	42.0#
227	0.0	8.0	12.0#

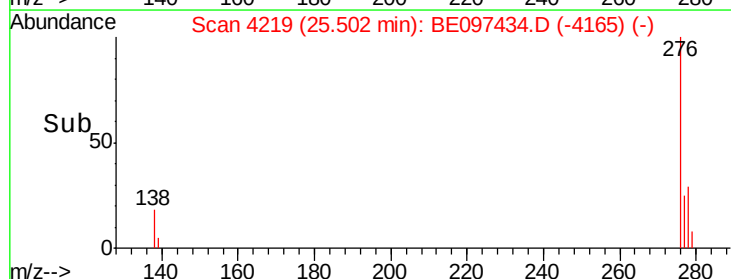
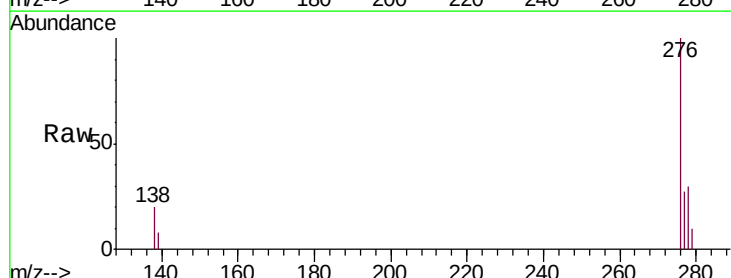
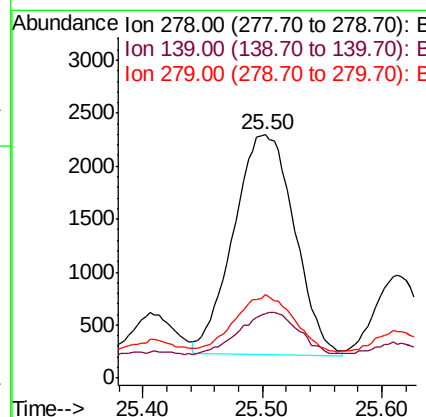
Manual Integrations
 APPROVED

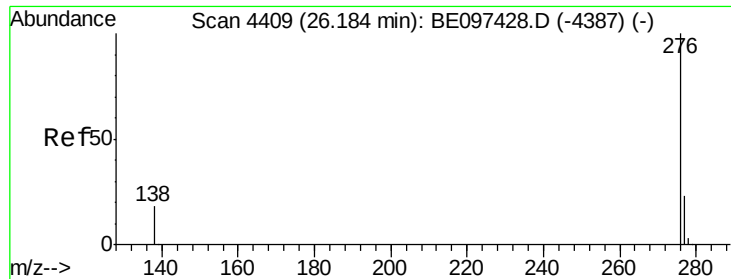
Sohil
 9/11/2018 2:44:37 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.228 ng/ul
 RT: 25.50 min Scan# 4219
 Delta R.T. -0.01 min
 Lab File: BE097434.D
 Acq: 7 Sep 2018 23:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	26.3	17.4	26.0#
279	34.1	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 0.777 ng/ul
 RT: 26.19 min Scan# 4412
 Delta R.T. 0.01 min
 Lab File: BE097434.D
 Acq: 7 Sep 2018 23:23

Instrument :
 BNA_E
 ClientSampleId :
 A3Z19DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	21.8	32.8#
277	25.2	20.5	30.7

Manual Integrations
 APPROVED

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