

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
 Data File : BE097436.D
 Acq On : 8 Sep 2018 00:38
 Operator : SJ/JU
 Sample : J4688-16DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z23DL

Manual Integrations
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Sohil
 9/11/2018 2:43:46 PM

Quant Time: Sep 08 04:05:33 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	1016	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5649	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3734	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9894	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11578	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	12485	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	403	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1362	0.04	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.17	128	499	0.036	ng/ul#	74
5) 2-Methylnaphthalene	11.79	142	307	0.035	ng/ul	99
7) Acenaphthylene	13.73	152	547	0.040	ng/ul#	78
8) Acenaphthene	14.07	153	383	0.033	ng/ul#	90
9) Fluorene	15.07	166	361	0.027	ng/ul#	83
12) Phenanthrene	16.80	178	8971	0.352	ng/ul#	89
13) Anthracene	16.89	178	1580	0.074	ng/ul#	94
15) Fluoranthene	18.83	202	21472	0.656	ng/ul	84
17) Pyrene	19.20	202	19933	0.640	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	11178	0.376	ng/ul#	86
19) Chrysene	21.00	228	12263	0.358	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	17721m	0.530	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	4938m	0.132	ng/ul	
23) Benzo(a)pyrene	23.10	252	10202	0.330	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.49	276	7437	0.186	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.51	278	2043	0.060	ng/ul#	70
26) Benzo(g,h,i)perylene	26.19	276	7029	0.206	ng/ul#	94

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

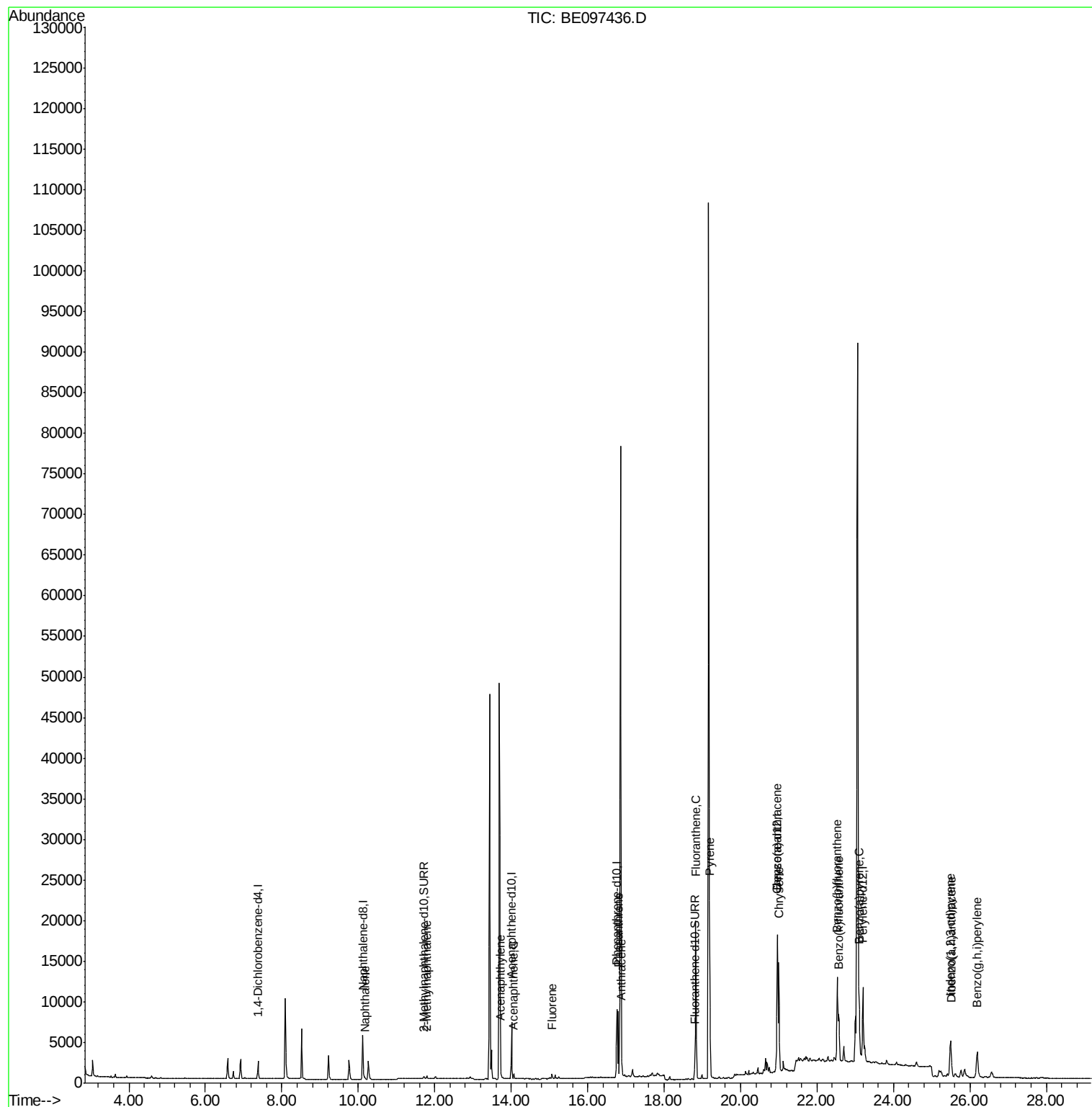
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
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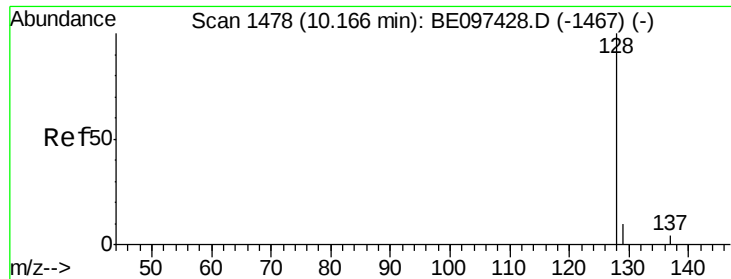
Instrument :
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Quant Time: Sep 08 04:05:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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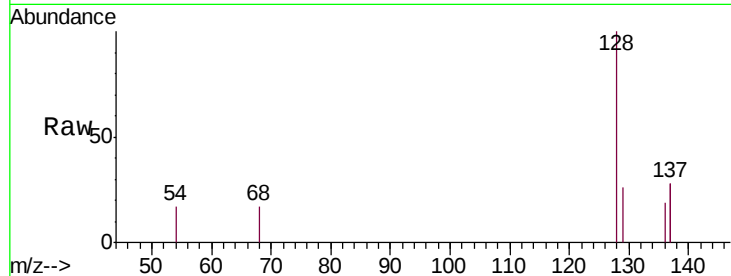
#3
Naphthalene
Concen: 0.036 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE097436.D
Acq: 8 Sep 2018 00:38

Instrument :
BNA_E
ClientSampleId :
A3Z23DL

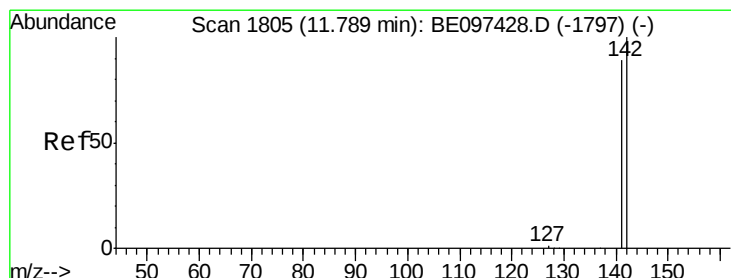
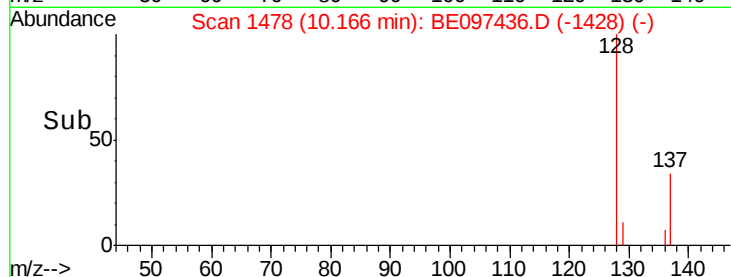
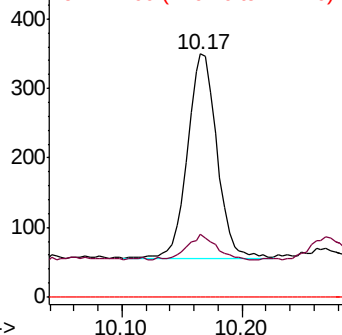
Tgt Ion	Ratio	Lower	Upper
128	100		
129	26.0	11.3	16.9#
127	0.0	4.0	6.0#

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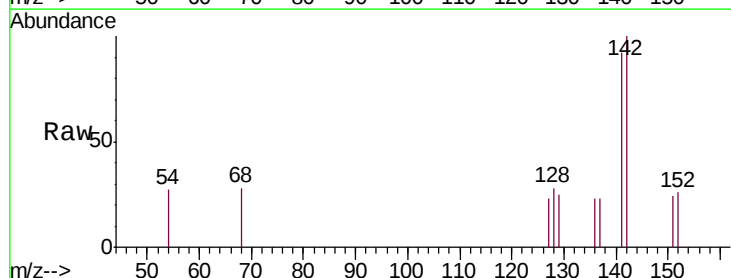


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

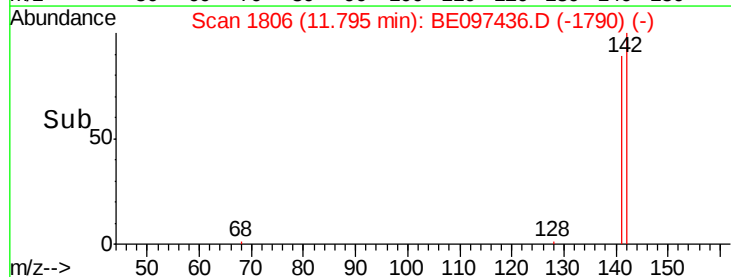
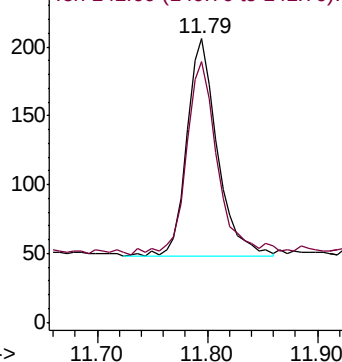


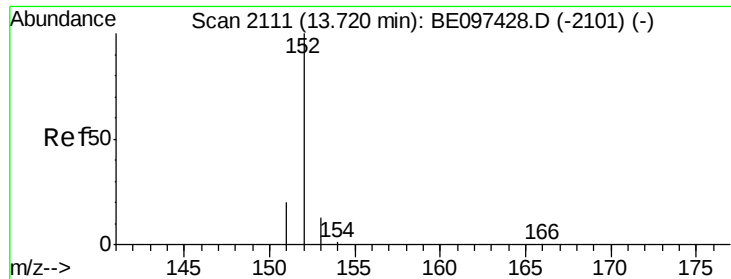
#5
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 11.79 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BE097436.D
Acq: 8 Sep 2018 00:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	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: 0.040 ng/ul

RT: 13.73 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

Instrument :

BNA_E

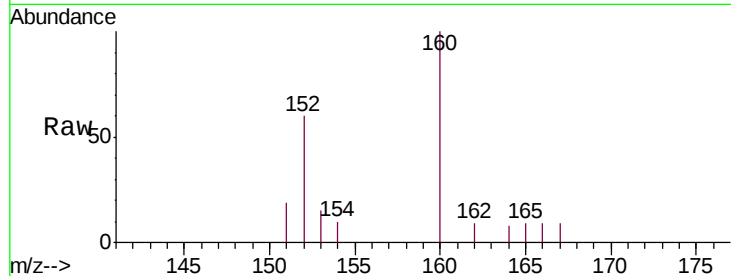
ClientSampled :

A3Z23DL

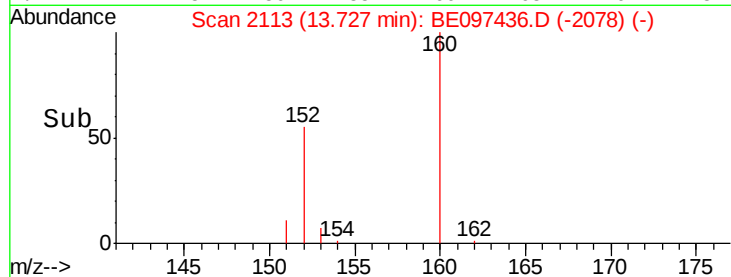
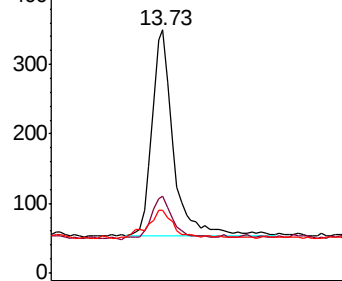
Tgt Ion:	152	Resp:	547
Ion Ratio	Lower	Upper	
152	100		
151	31.7	17.1	25.7#
153	25.7	12.8	19.2#

Manual Integrations
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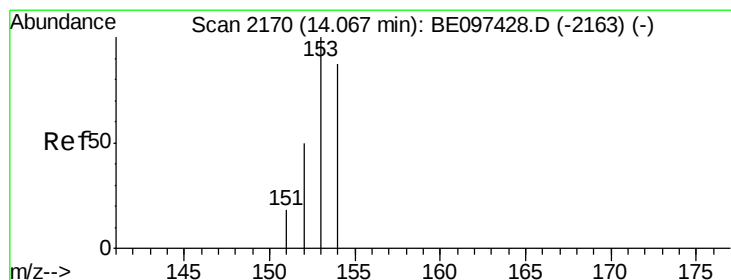
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.033 ng/ul

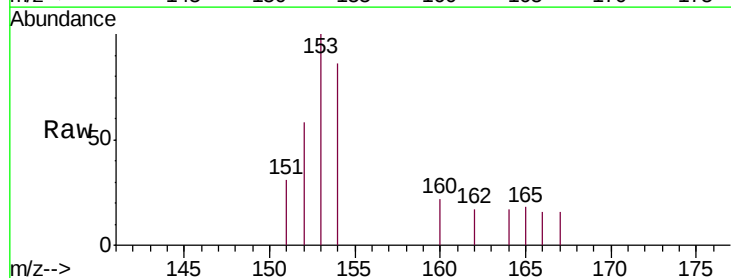
RT: 14.07 min Scan# 2171

Delta R.T. 0.00 min

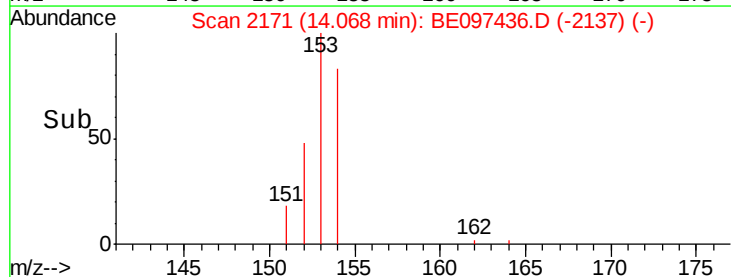
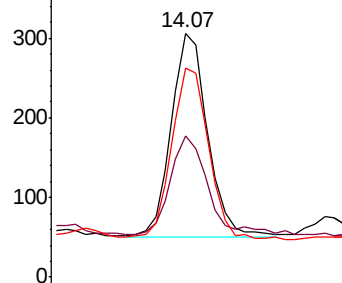
Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

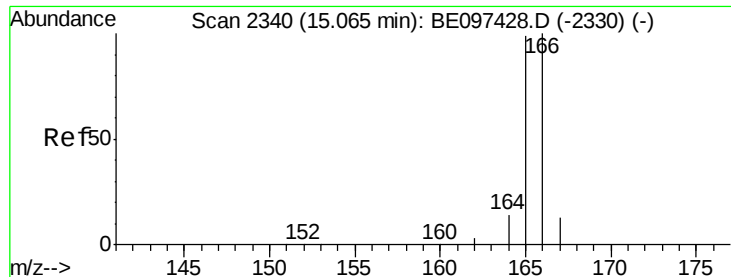
Tgt Ion:	153	Resp:	383
Ion Ratio	Lower	Upper	
153	100		
152	57.8	36.0	54.0#
154	85.6	72.0	108.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.027 ng/ul

RT: 15.07 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

Instrument :

BNA_E

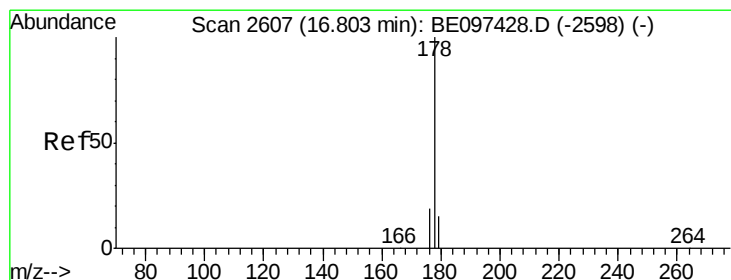
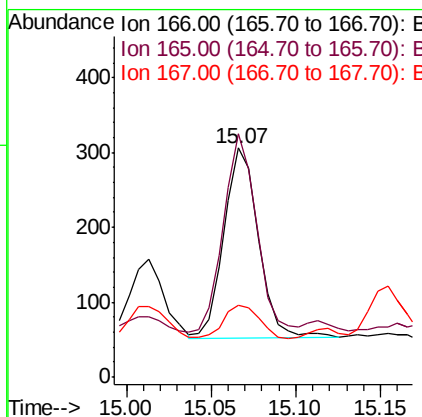
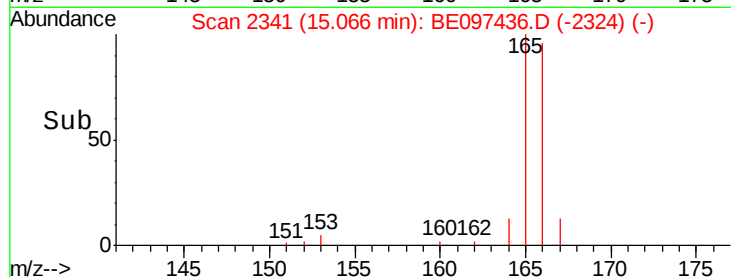
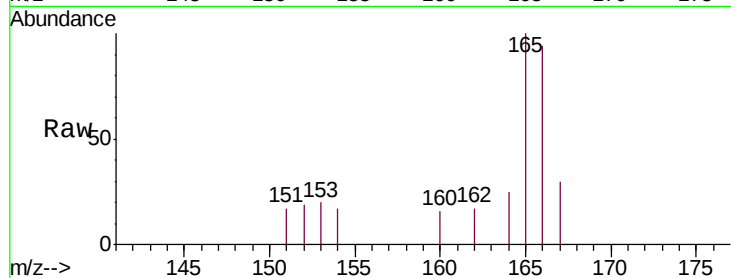
ClientSampled :

A3Z23DL

Tgt Ion:	166	Resp:	361
Ion Ratio	Lower	Upper	
166	100		
165	106.2	73.4	110.2
167	31.4	14.6	22.0#

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#12

Phenanthrene

Concen: 0.352 ng/ul

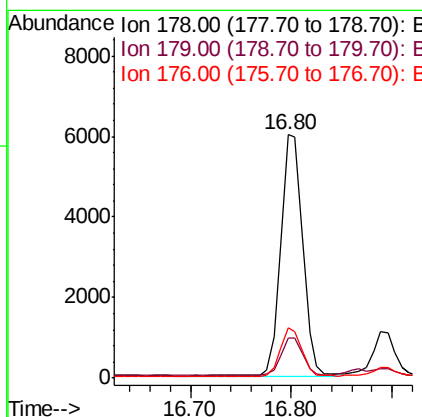
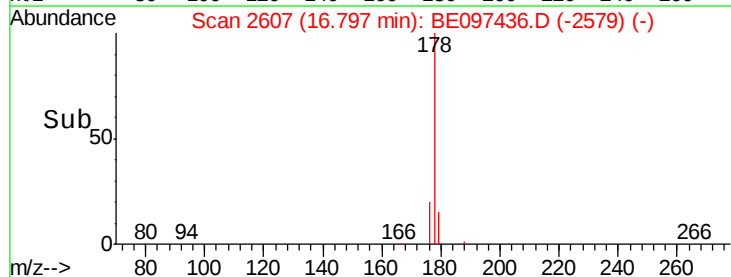
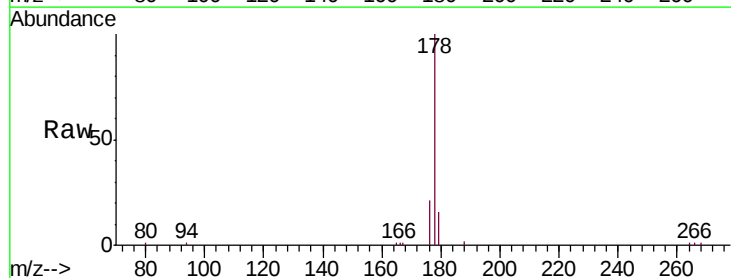
RT: 16.80 min Scan# 2607

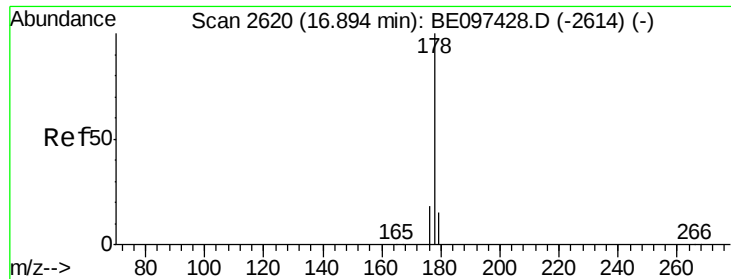
Delta R.T. -0.01 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

Tgt Ion:	178	Resp:	8971
Ion Ratio	Lower	Upper	
178	100		
179	16.3	18.4	27.6#
176	20.6	13.6	20.4#





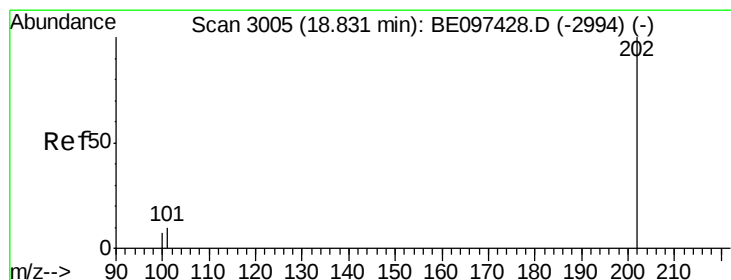
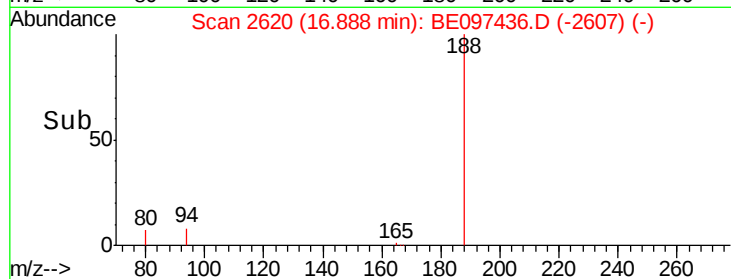
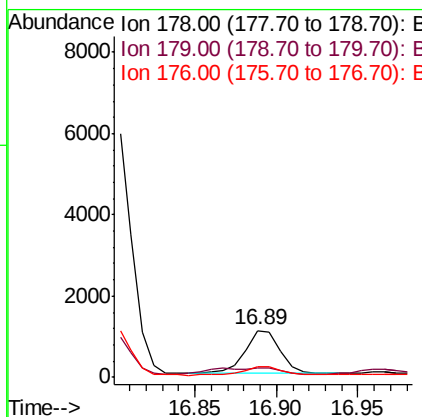
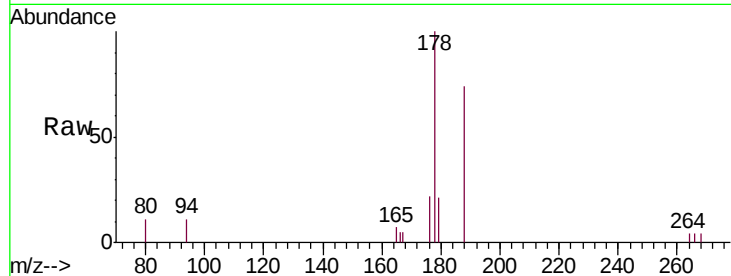
#13
 Anthracene
 Concen: 0.074 ng/ul
 RT: 16.89 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BE097436.D
 Acq: 8 Sep 2018 00:38

Instrument :
 BNA_E
 ClientSampleId :
 A3Z23DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.0	18.1	27.1
176	22.2	14.7	22.1

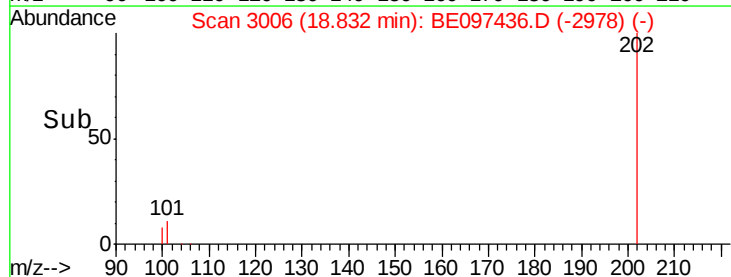
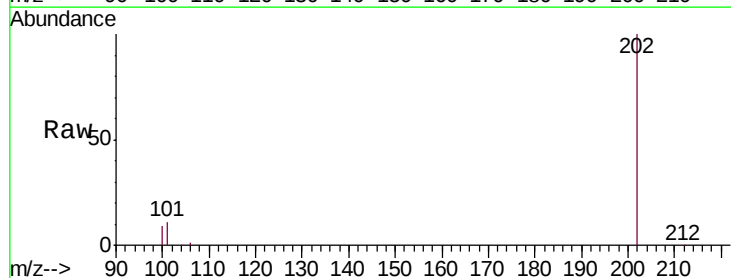
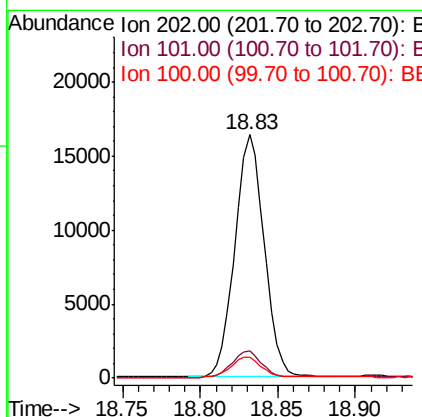
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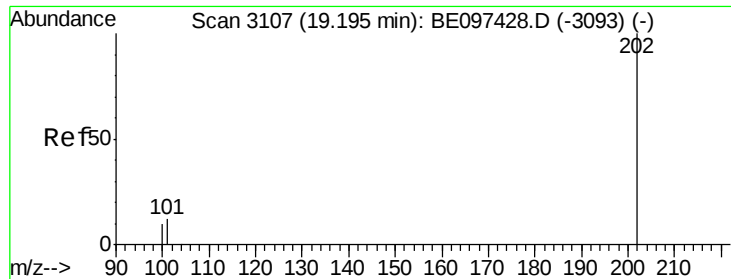
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#15
 Fluoranthene
 Concen: 0.656 ng/ul
 RT: 18.83 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: BE097436.D
 Acq: 8 Sep 2018 00:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
100	8.8	0.0	39.5





#17

Pyrene

Concen: 0.640 ng/ul

RT: 19.20 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

Instrument :

BNA_E

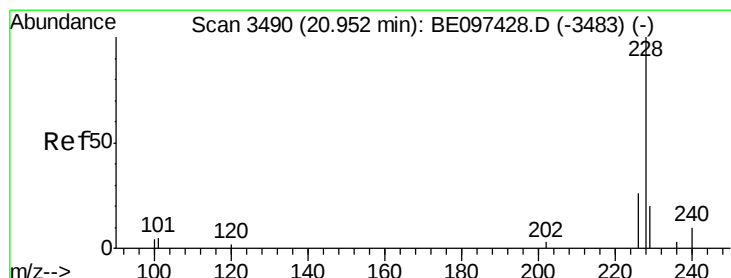
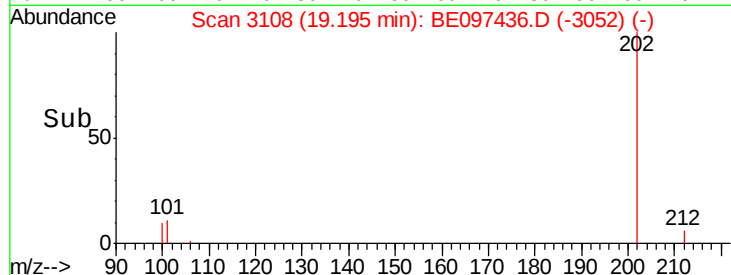
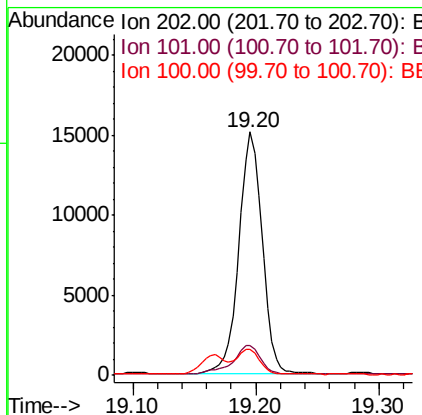
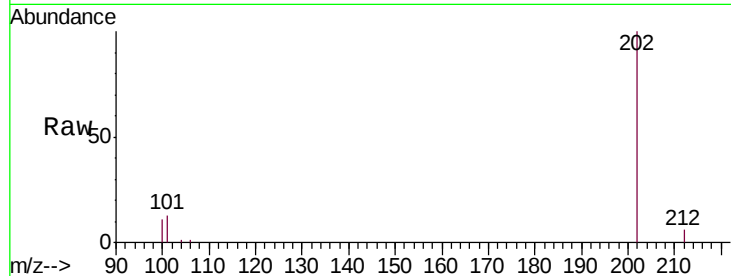
ClientSampleId :

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Tgt Ion:	202	Resp:	19933
Ion Ratio	Lower	Upper	
202	100		
101	12.5	18.2	27.4#
100	10.8	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.376 ng/ul

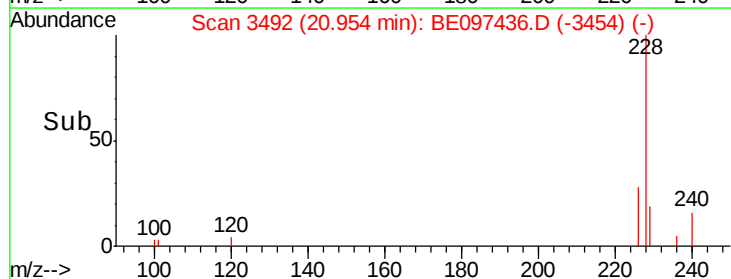
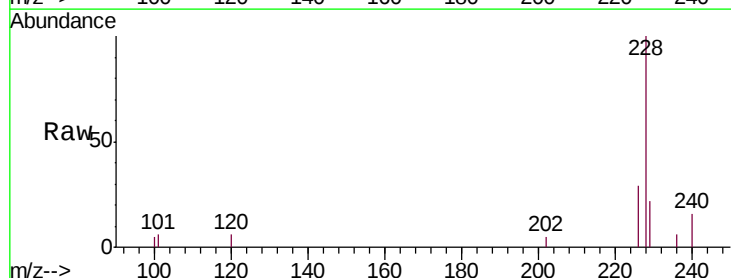
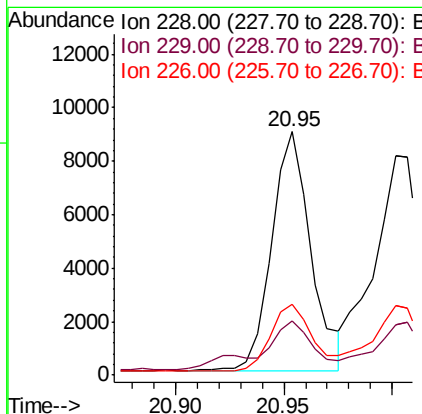
RT: 20.95 min Scan# 3492

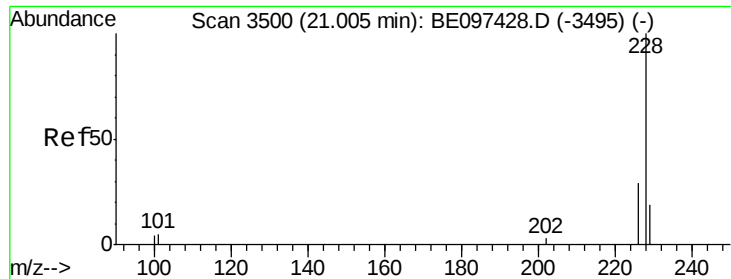
Delta R.T. 0.00 min

Lab File: BE097436.D

Acq: 8 Sep 2018 00:38

Tgt Ion:	228	Resp:	11178
Ion Ratio	Lower	Upper	
228	100		
229	22.2	22.8	34.2#
226	29.2	17.0	25.6#





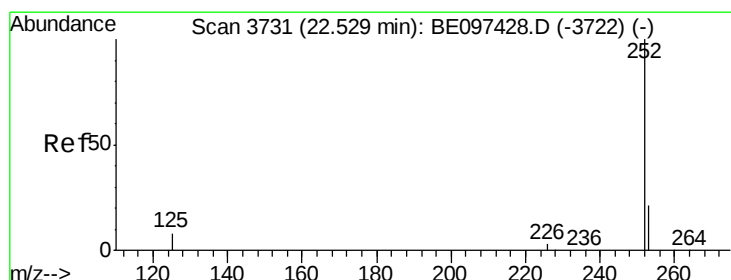
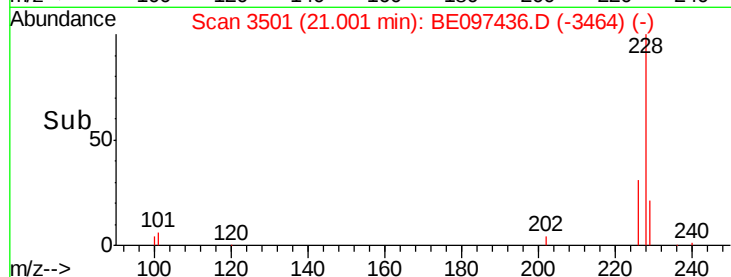
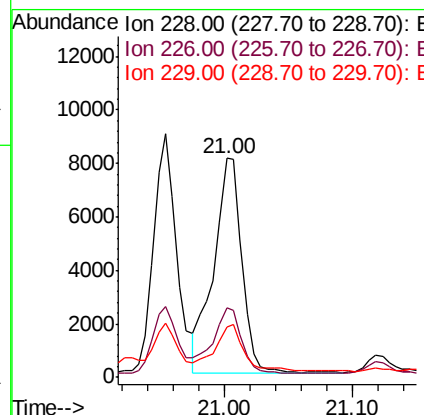
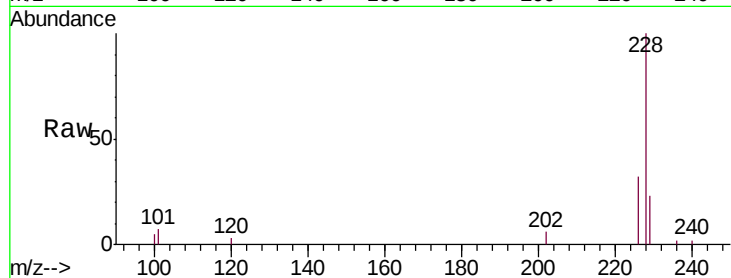
#19
Chrysene
Concen: 0.358 ng/ul
RT: 21.00 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097436.D
Acq: 8 Sep 2018 00:38

Instrument :
BNA_E
ClientSampleId :
A3Z23DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	22.8	17.7	26.5

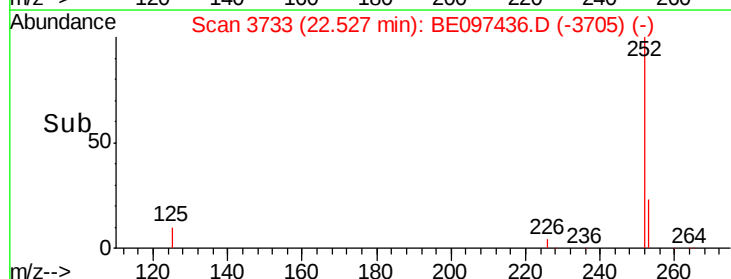
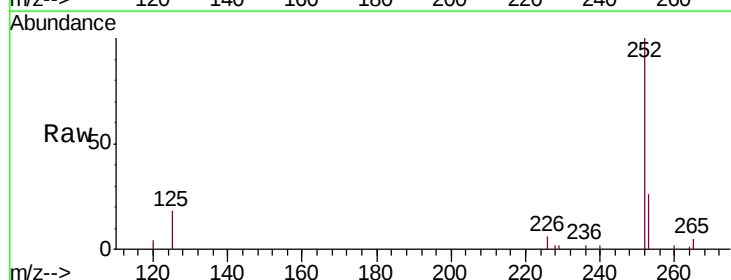
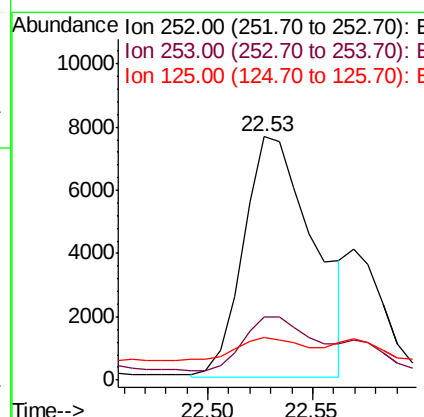
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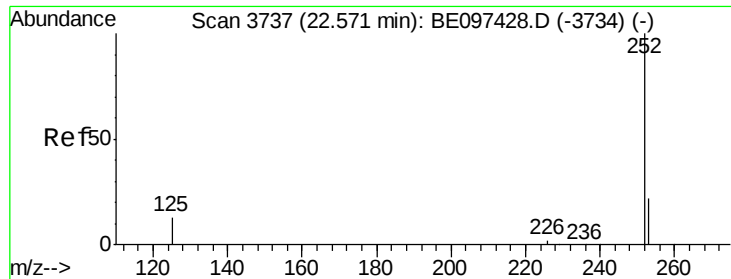
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#21
Benzo(b)fluoranthene
Concen: 0.530 ng/ul m
RT: 22.53 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE097436.D
Acq: 8 Sep 2018 00:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	64.2
125	17.6	0.0	35.0





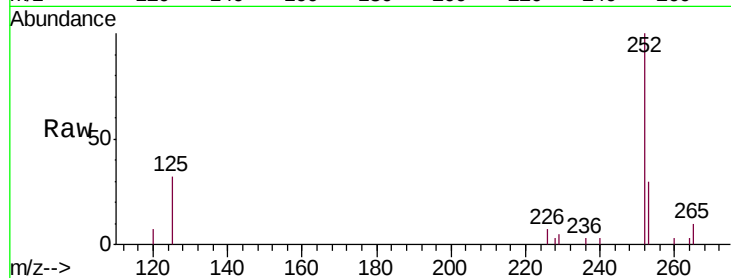
#22
Benzo(k)fluoranthene
Concen: 0.132 ng/ul m
RT: 22.57 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BE097436.D
Acq: 8 Sep 2018 00:38

Instrument :
BNA_E
ClientSampled :
A3Z23DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	24.5	36.7
125	31.6	13.7	20.5#

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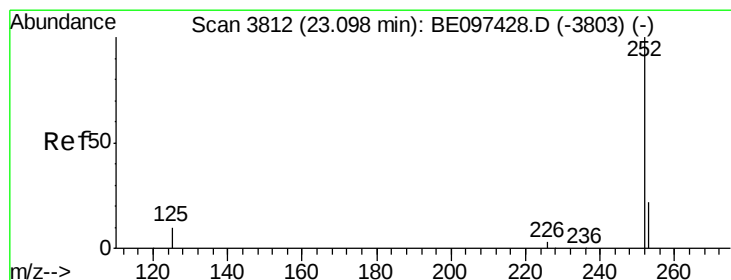
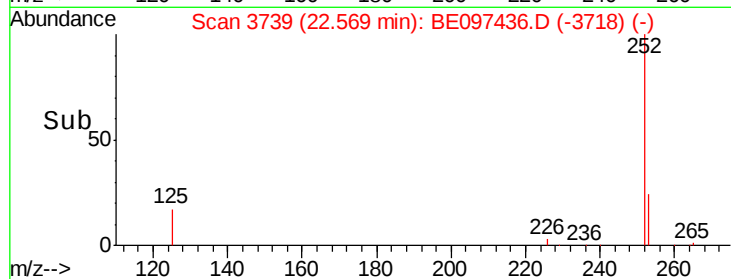
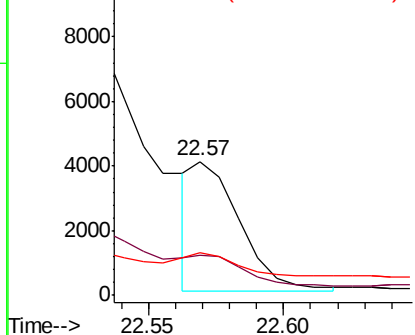


Abundance

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



#23
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.10 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BE097436.D
Acq: 8 Sep 2018 00:38

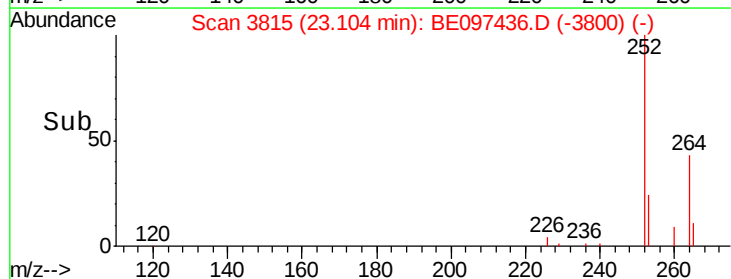
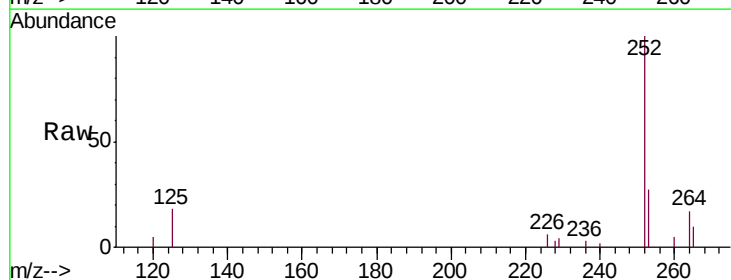
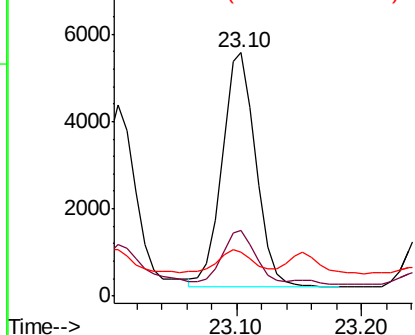
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	28.5	42.7#
125	17.9	18.1	27.1#

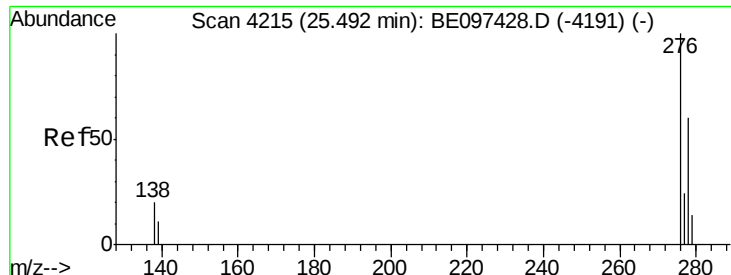
Abundance

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





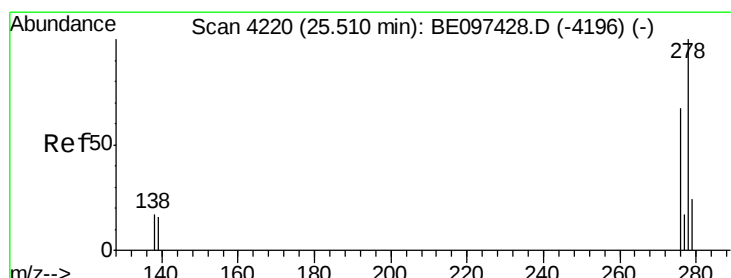
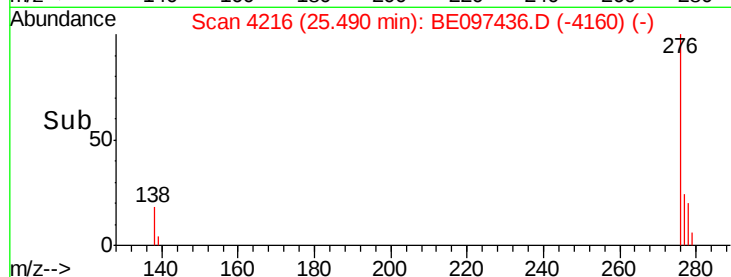
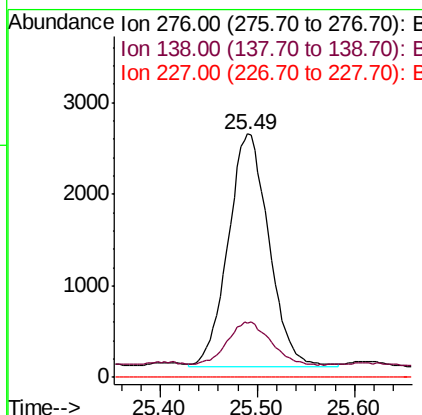
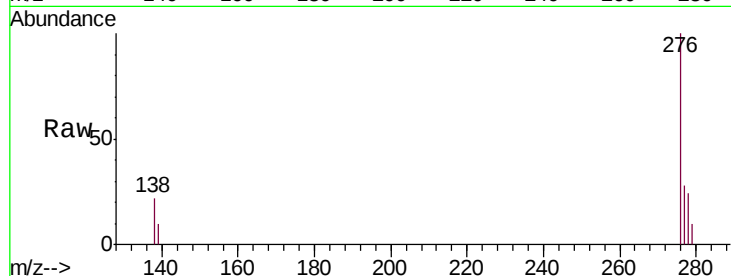
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.186 ng/u1
 RT: 25.49 min Scan# 4216
 Delta R.T. -0.00 min
 Lab File: BE097436.D
 Acq: 8 Sep 2018 00:38

Instrument :
 BNA_E
 ClientSampleId :
 A3Z23DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	28.0	42.0#
227	0.0	8.0	12.0#

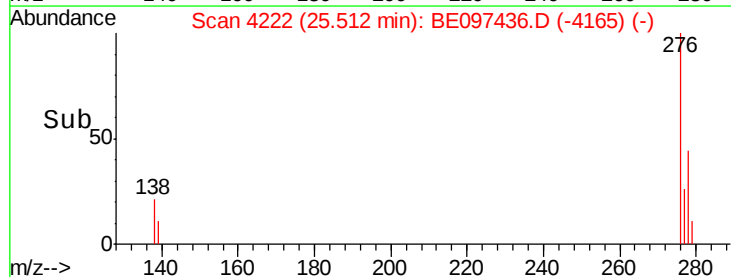
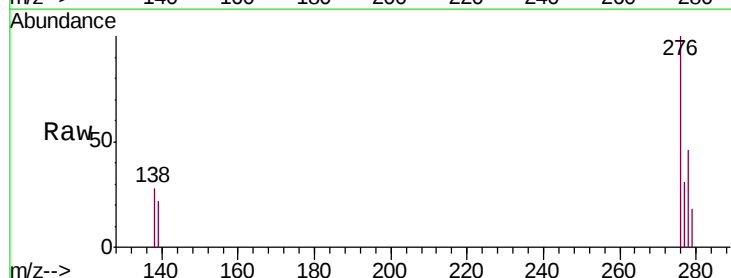
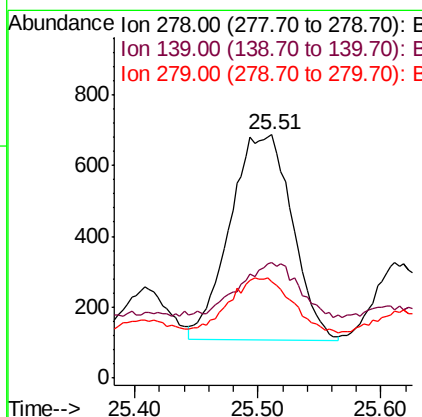
Manual Integrations
 APPROVED

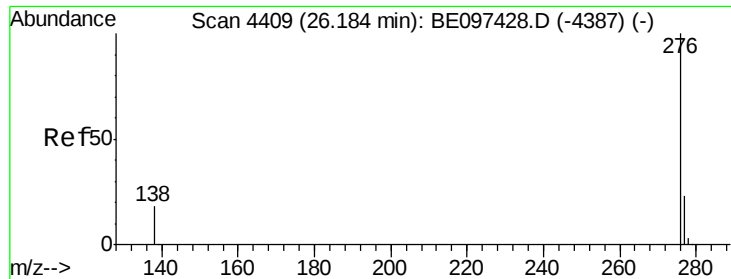
Sohil
 9/11/2018 2:43:46 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.060 ng/u1
 RT: 25.51 min Scan# 4222
 Delta R.T. 0.00 min
 Lab File: BE097436.D
 Acq: 8 Sep 2018 00:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	47.5	17.4	26.0#
279	39.7	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.206 ng/ul
 RT: 26.19 min Scan# 4412
 Delta R.T. 0.01 min
 Lab File: BE097436.D
 Acq: 8 Sep 2018 00:38

Instrument :
 BNA_E
 ClientSampleId :
 A3Z23DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	21.8	32.8#
277	26.3	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 9/11/2018 2:43:46 PM

