

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097472.D
 Acq On : 13 Sep 2018 4:18
 Operator : SJ/JU
 Sample : J4792-19DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5DL

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:40 PM

Quant Time: Sep 13 08:08:02 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 : Thu Sep 13 07:48:38 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	6127	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4189	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	10202m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11746m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	11457m	0.40	ng/ul	0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	603	0.06	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	2011m	0.06	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.17	128	2548	0.171	ng/ul#	95
5) 2-Methylnaphthalene	11.80	142	514	0.054	ng/ul	99
7) Acenaphthylene	13.73	152	553	0.036	ng/ul#	47
8) Acenaphthene	14.07	153	458	0.035	ng/ul#	90
9) Fluorene	15.07	166	874	0.058	ng/ul#	76
12) Phenanthrene	16.80	178	8981m	0.342	ng/ul	
13) Anthracene	16.89	178	2669m	0.121	ng/ul	
15) Fluoranthene	18.84	202	22594m	0.670	ng/ul	
17) Pyrene	19.20	202	30813m	0.975	ng/ul	
18) Benzo(a)anthracene	20.96	228	19384m	0.642	ng/ul	
19) Chrysene	21.01	228	23489m	0.676	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	30154m	0.983	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	8788m	0.257	ng/ul	
23) Benzo(a)pyrene	23.11	252	15561m	0.548	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	12463m	0.339	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	4051m	0.130	ng/ul	
26) Benzo(g,h,i)perylene	26.22	276	11155m	0.356	ng/ul	

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

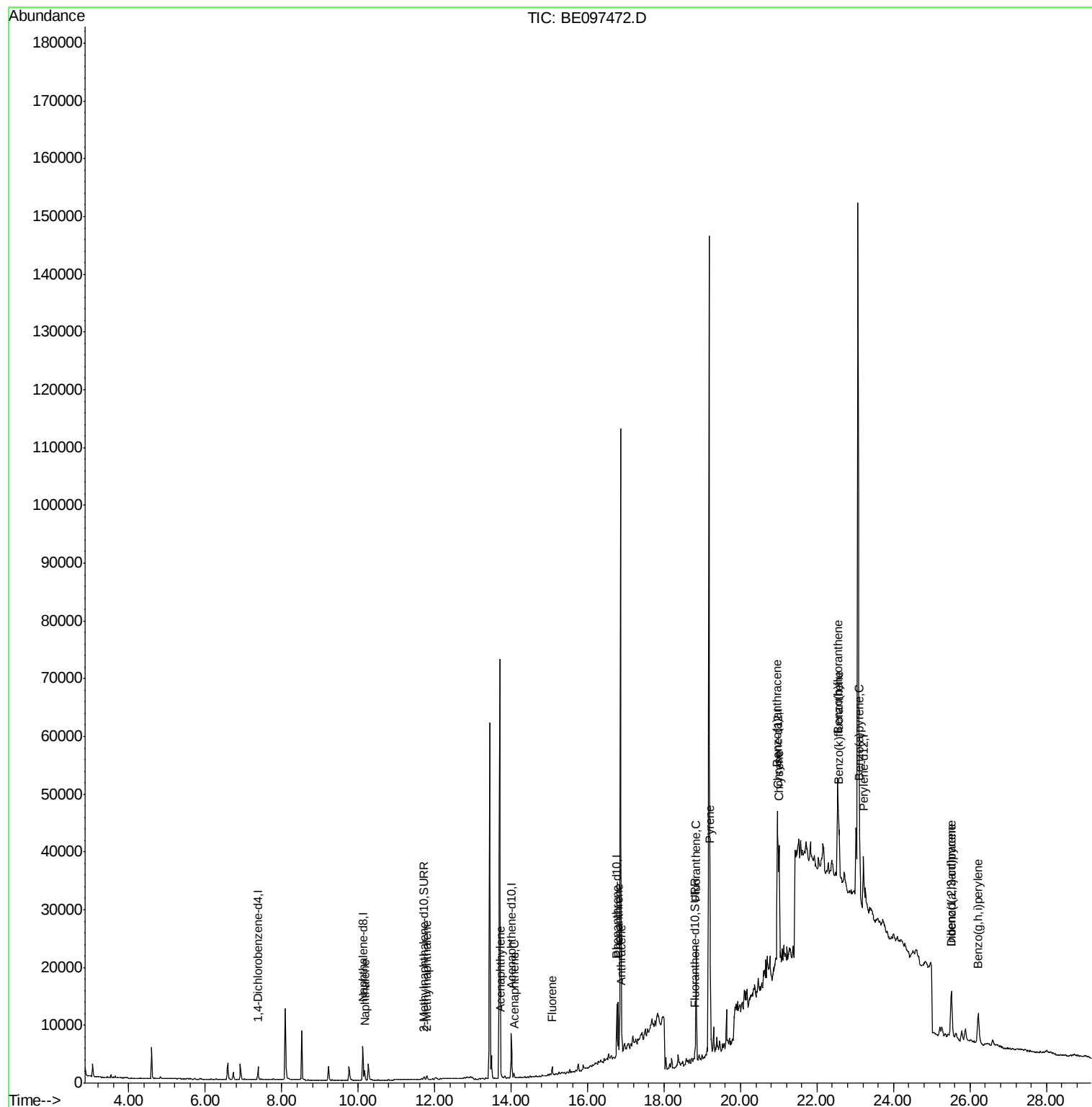
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097472.D
Acq On : 13 Sep 2018 4:18
Operator : SJ/JU
Sample : J4792-19DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

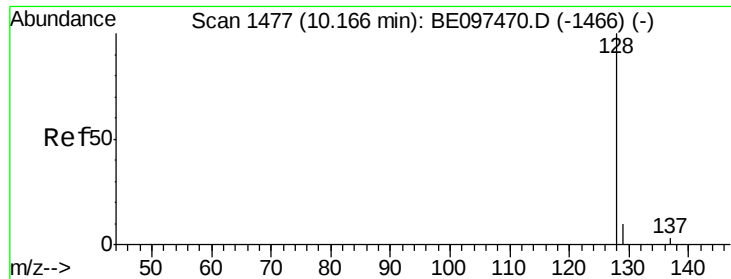
Instrument :
BNA_E
ClientSampleId :
A3YZ5DL

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9/13/2018 5:42:40 PM

Quant Time: Sep 13 08:08:02 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 : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.171 ng/ul

RT: 10.17 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BE097472.D

Acq: 13 Sep 2018 4:18

Instrument :

BNA_E

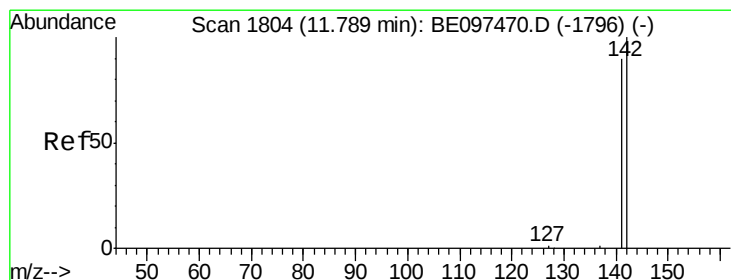
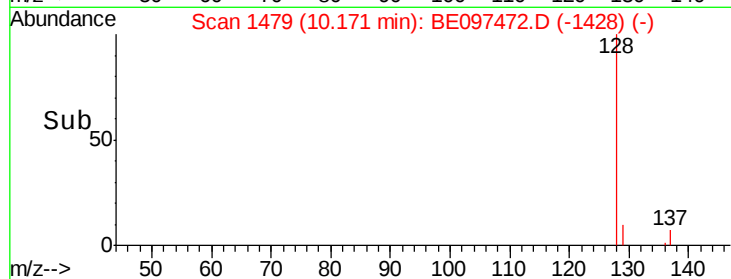
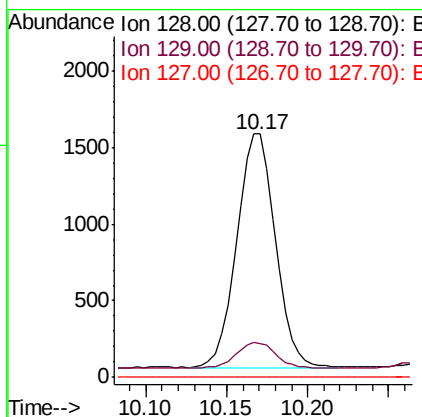
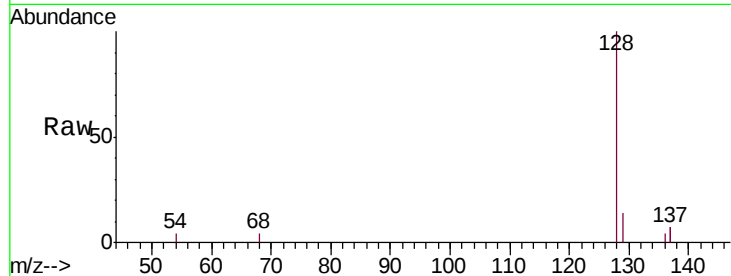
ClientSampleId :

A3YZ5DL

Tgt Ion:	128	Resp:	2548
Ion Ratio	Lower	Upper	
128	100		
129	13.7	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.054 ng/ul

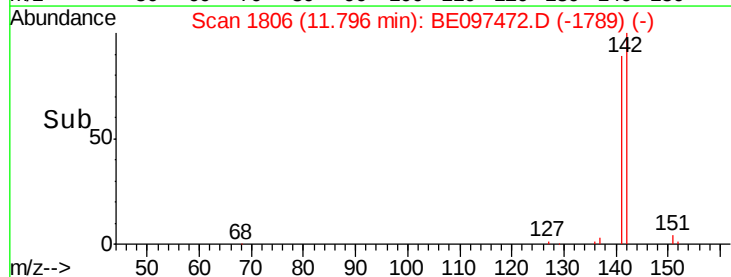
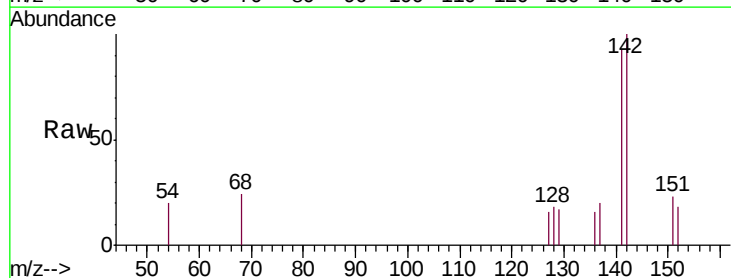
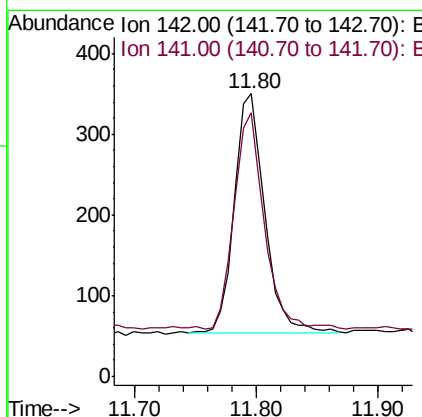
RT: 11.80 min Scan# 1806

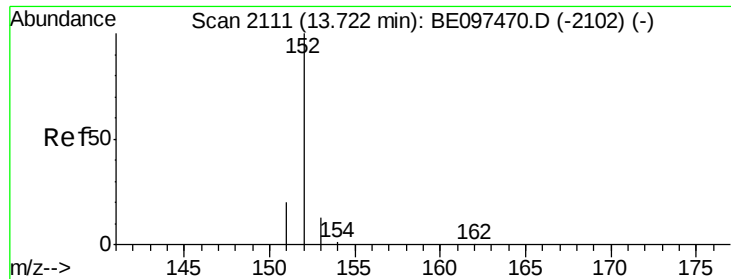
Delta R.T. 0.01 min

Lab File: BE097472.D

Acq: 13 Sep 2018 4:18

Tgt Ion:	142	Resp:	514
Ion Ratio	Lower	Upper	
142	100		
141	89.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE097472.D

Acq: 13 Sep 2018 4:18

Instrument :

BNA_E

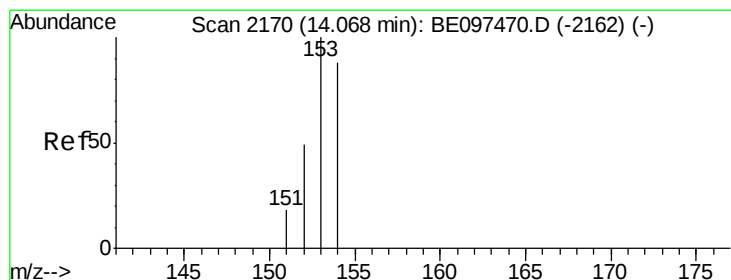
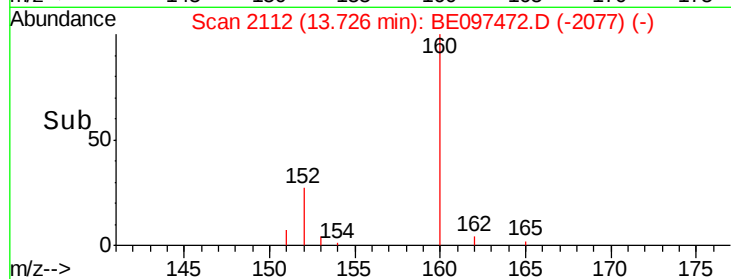
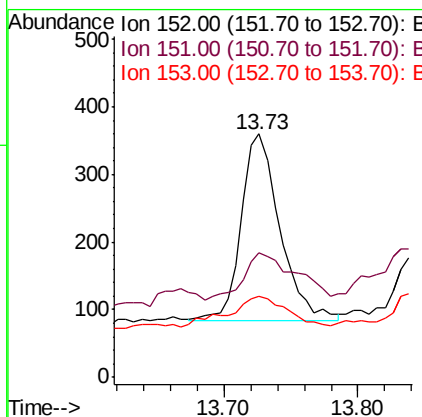
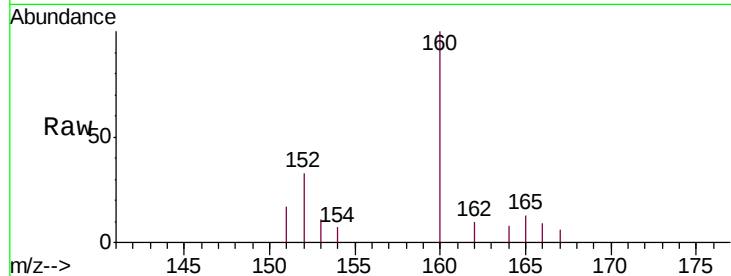
ClientSampleId :

A3YZ5DL

Tgt Ion:	152	Resp:	553
Ion Ratio	Lower	Upper	
152	100		
151	51.1	17.1	25.7#
153	33.1	12.8	19.2#

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#8

Acenaphthene

Concen: 0.035 ng/ul

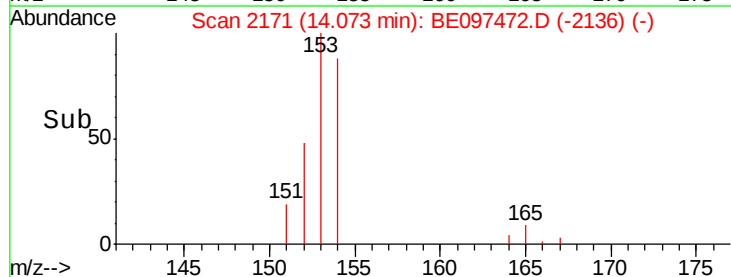
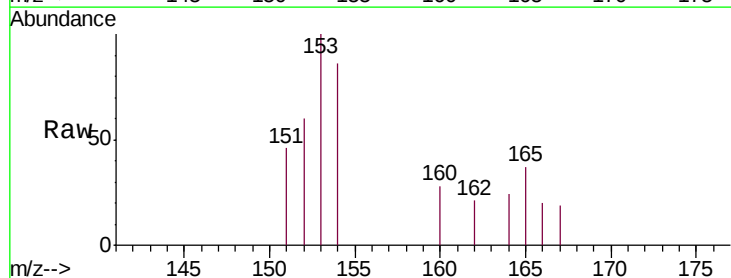
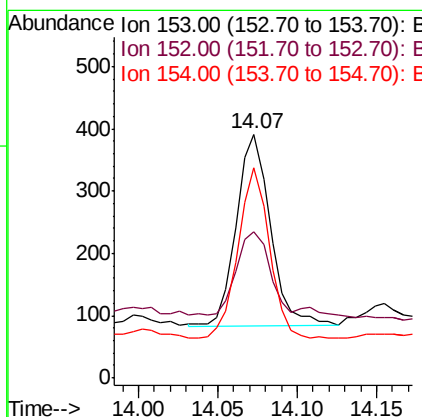
RT: 14.07 min Scan# 2171

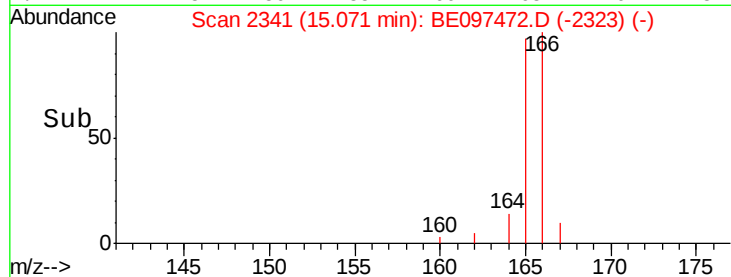
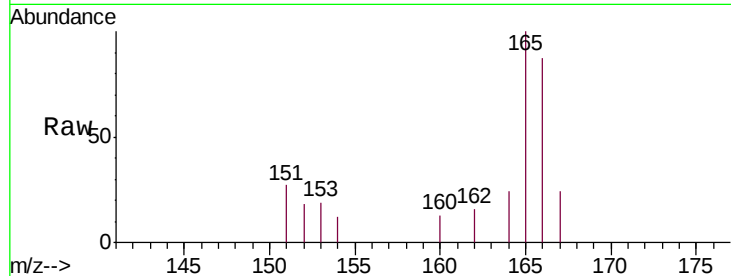
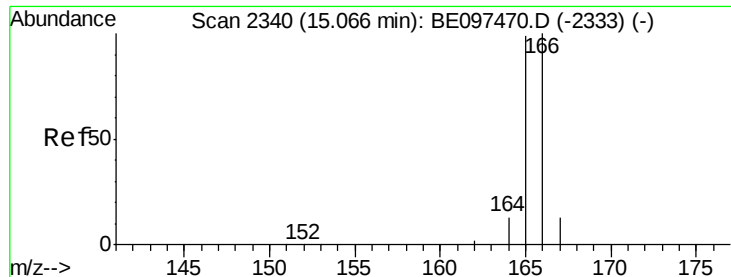
Delta R.T. 0.00 min

Lab File: BE097472.D

Acq: 13 Sep 2018 4:18

Tgt Ion:	153	Resp:	458
Ion Ratio	Lower	Upper	
153	100		
152	60.1	36.0	54.0#
154	86.2	72.0	108.0





#9

Fluorene

Concen: 0.058 ng/ul

RT: 15.07 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BE097472.D

Acq: 13 Sep 2018 4:18

Tgt Ion:	166	Resp:	874
Ion Ratio	Lower	Upper	
166	100		
165	115.0	73.4	110.2#
167	27.4	14.6	22.0#

Instrument :

BNA_E

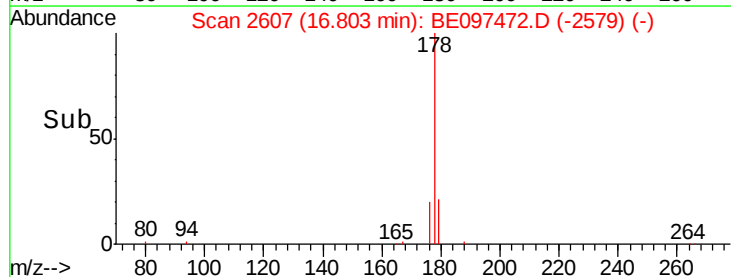
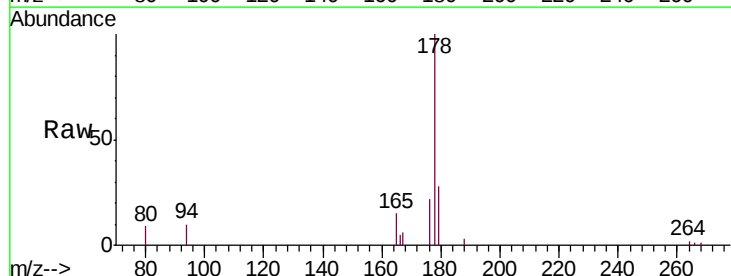
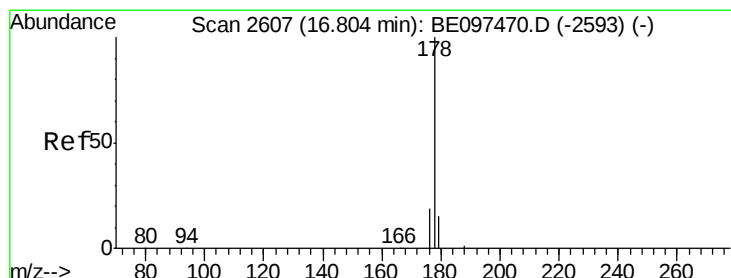
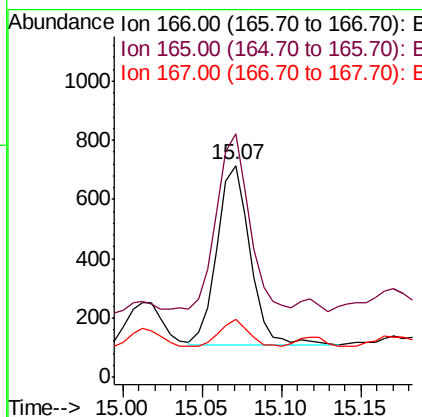
ClientSampled :

A3YZ5DL

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#12

Phenanthrene

Concen: 0.342 ng/ul m

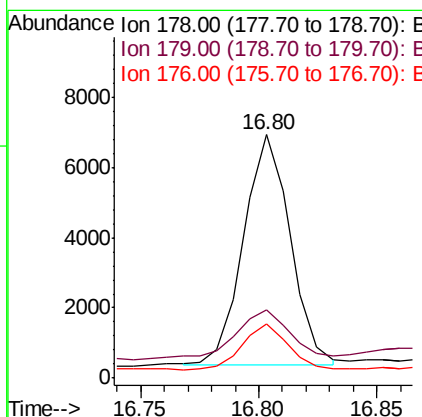
RT: 16.80 min Scan# 2607

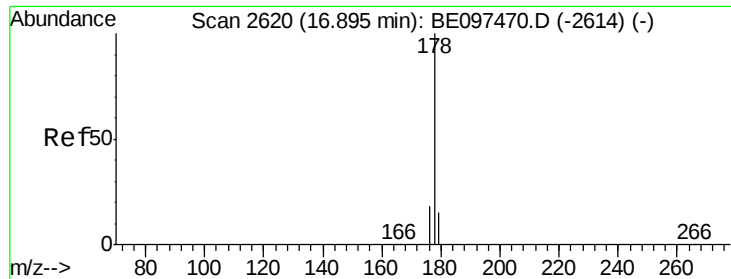
Delta R.T. -0.00 min

Lab File: BE097472.D

Acq: 13 Sep 2018 4:18

Tgt Ion:	178	Resp:	8981
Ion Ratio	Lower	Upper	
178	100		
179	28.1	18.4	27.6#
176	22.0	13.6	20.4#





#13

Anthracene

Concen: 0.121 ng/ul m

RT: 16.89 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BE097472.D

Acq: 13 Sep 2018 4:18

Instrument :

BNA_E

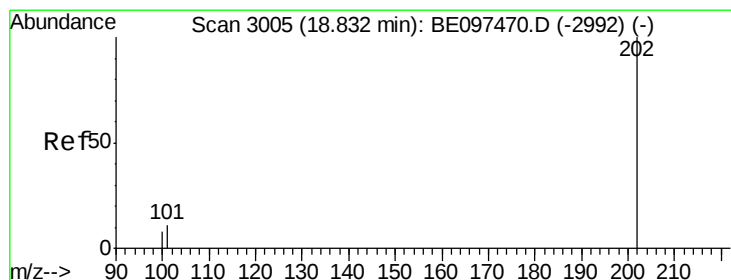
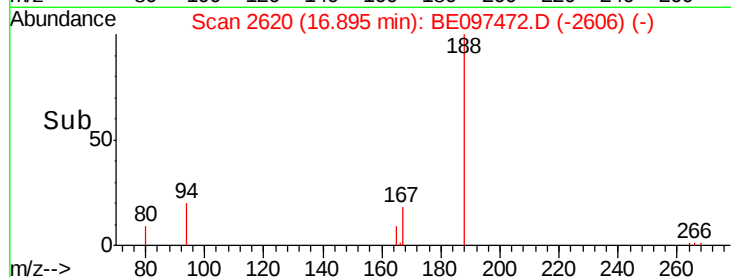
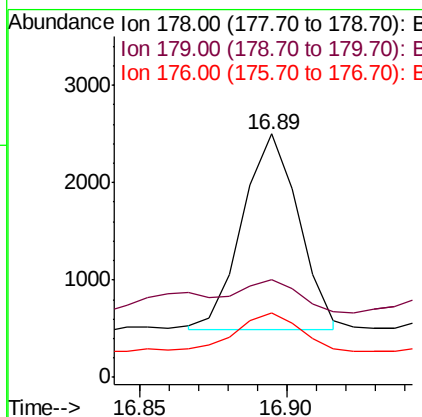
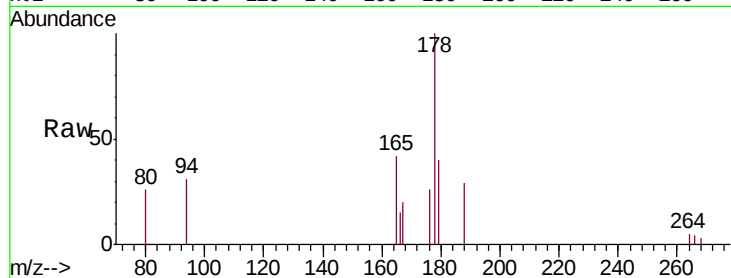
ClientSampleId :

A3YZ5DL

Tgt Ion:	178	Resp:	2669
Ion Ratio	Lower	Upper	
178	100		
179	40.4	18.1	27.1#
176	26.5	14.7	22.1#

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#15

Fluoranthene

Concen: 0.670 ng/ul m

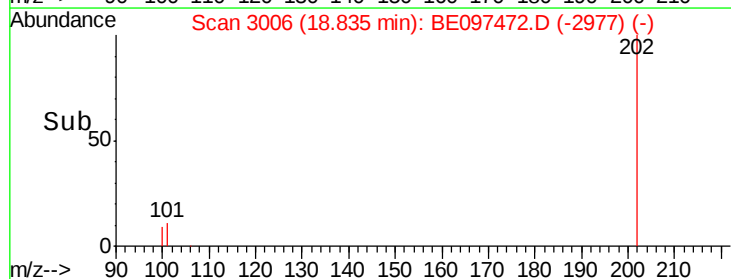
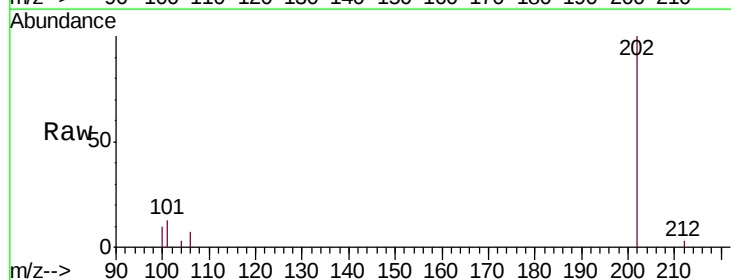
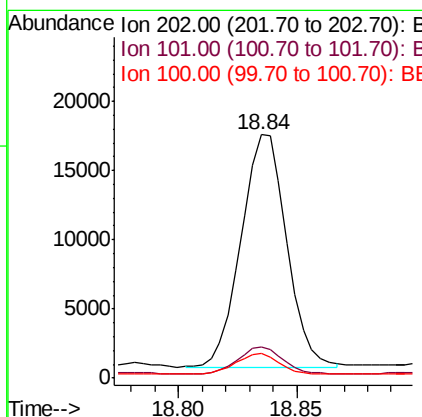
RT: 18.84 min Scan# 3006

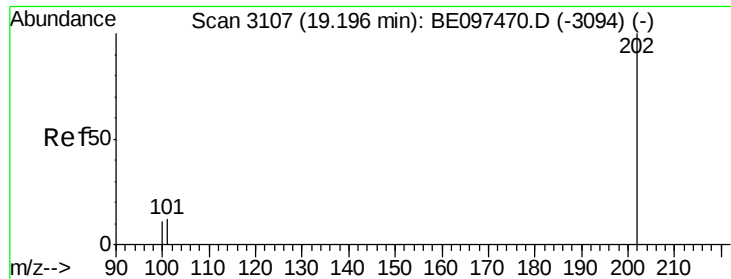
Delta R.T. 0.00 min

Lab File: BE097472.D

Acq: 13 Sep 2018 4:18

Tgt Ion:	202	Resp:	22594
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	30.3
100	9.9	0.0	39.5





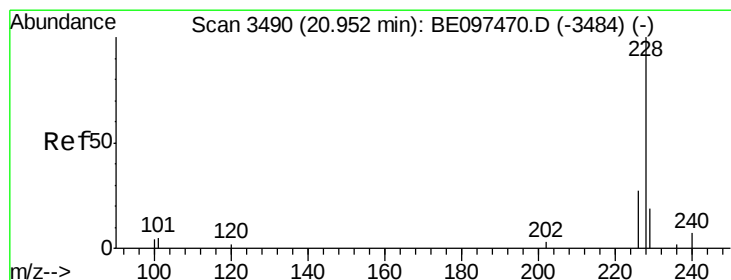
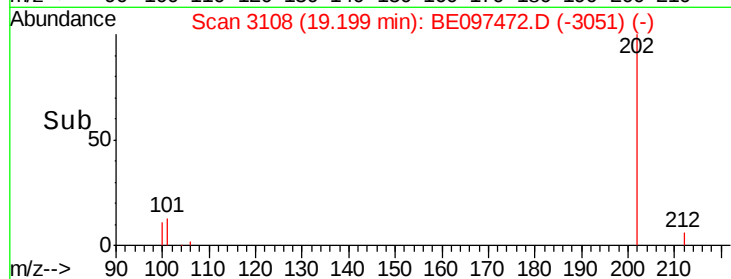
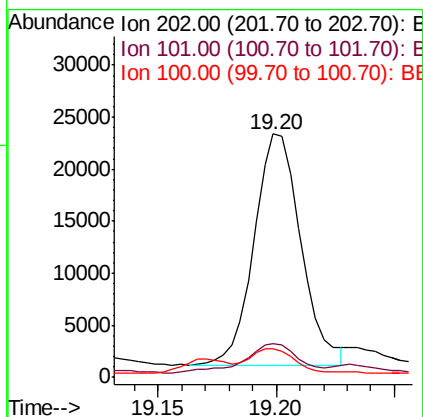
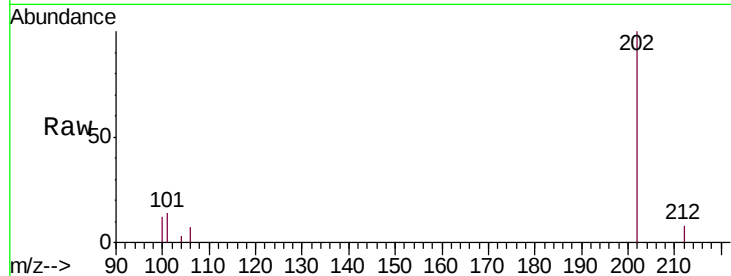
#17
Pyrene
Concen: 0.975 ng/ul m
RT: 19.20 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BE097472.D
Acq: 13 Sep 2018 4:18

Instrument :
BNA_E
ClientSampleId :
A3YZ5DL

Tgt Ion:	202	Resp:	30813
Ion Ratio	Lower	Upper	
202	100		
101	13.9	18.2	27.4#
100	11.8	15.6	23.4#

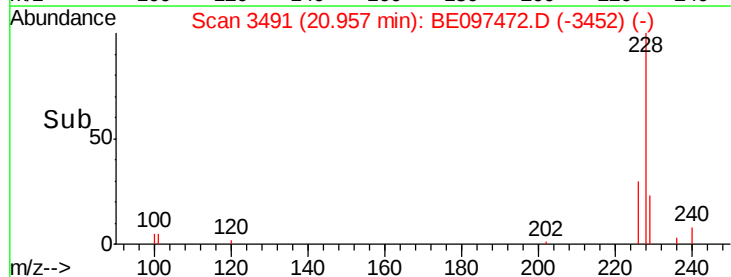
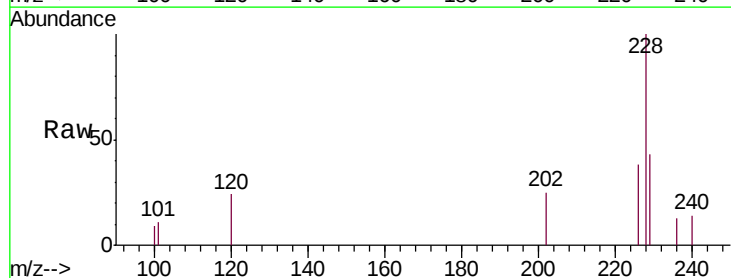
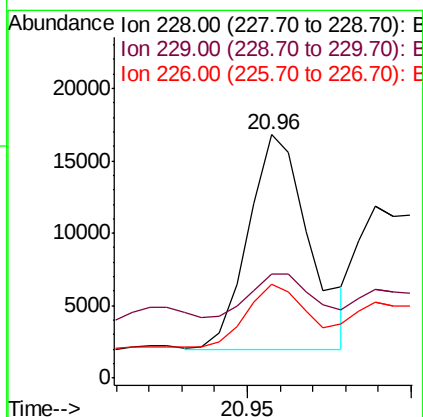
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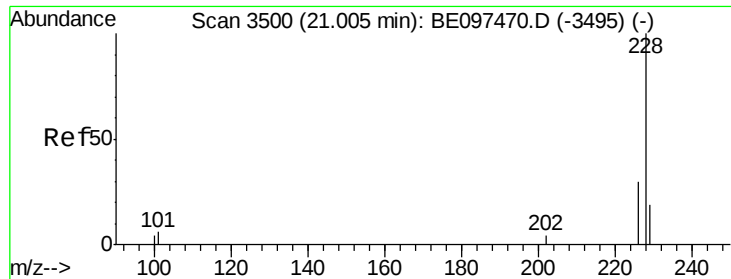
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#18
Benzo(a)anthracene
Concen: 0.642 ng/ul m
RT: 20.96 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BE097472.D
Acq: 13 Sep 2018 4:18

Tgt Ion:	228	Resp:	19384
Ion Ratio	Lower	Upper	
228	100		
229	42.6	22.8	34.2#
226	38.4	17.0	25.6#





#19

Chrysene

Concen: 0.676 ng/ul m

RT: 21.01 min Scan# 3501

Delta R.T. 0.01 min

Lab File: BE097472.D

Acq: 13 Sep 2018 4:18

Instrument :

BNA_E

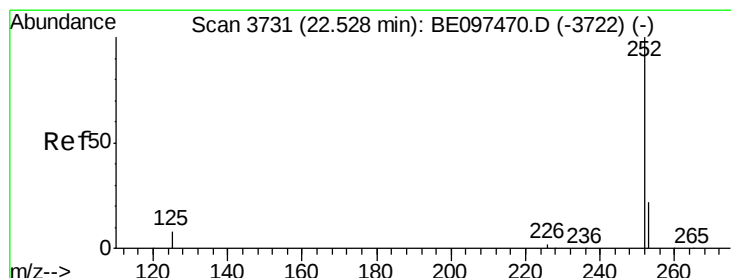
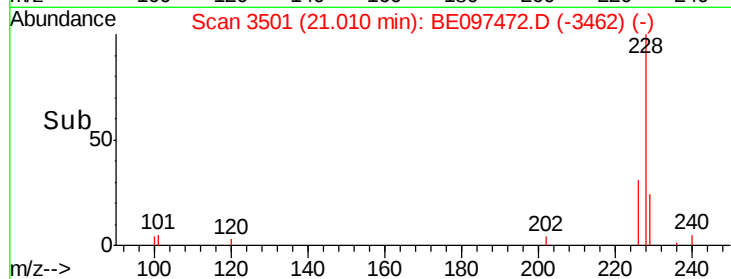
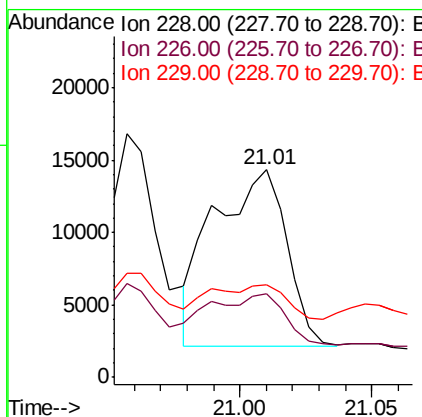
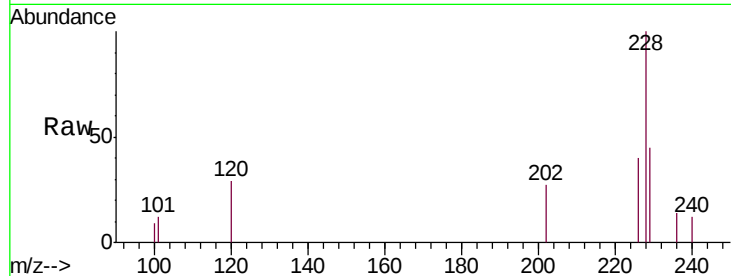
ClientSampleId :

A3YZ5DL

Tgt Ion:	228	Resp:	23489
Ion Ratio	Lower	Upper	
228	100		
226	40.1	23.4	35.0#
229	44.6	17.7	26.5#

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 0.983 ng/ul m

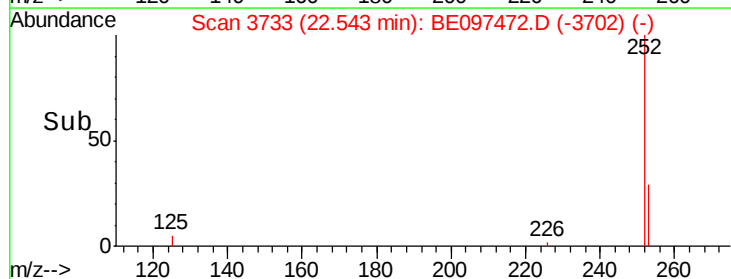
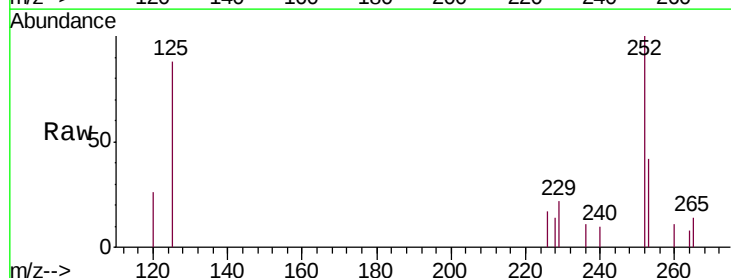
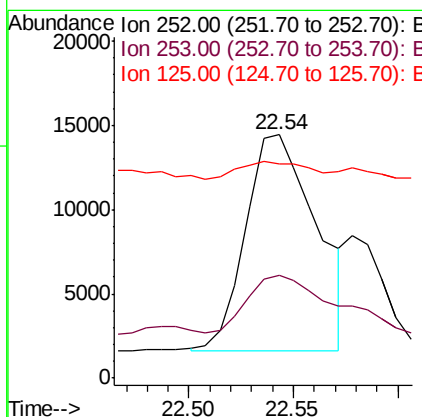
RT: 22.54 min Scan# 3733

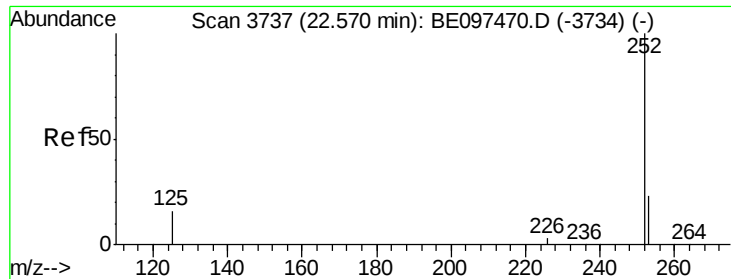
Delta R.T. 0.01 min

Lab File: BE097472.D

Acq: 13 Sep 2018 4:18

Tgt Ion:	252	Resp:	30154
Ion Ratio	Lower	Upper	
252	100		
253	42.1	0.0	64.2
125	87.8	0.0	35.0#





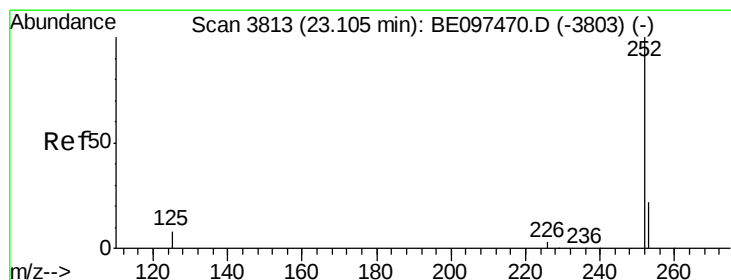
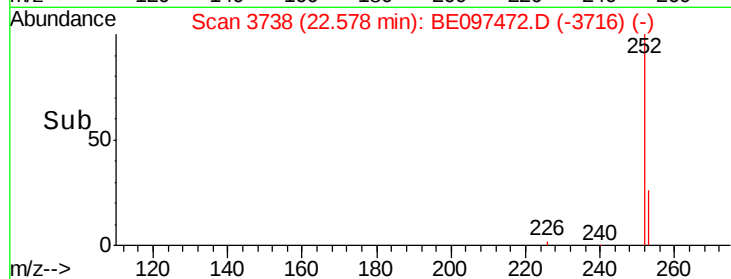
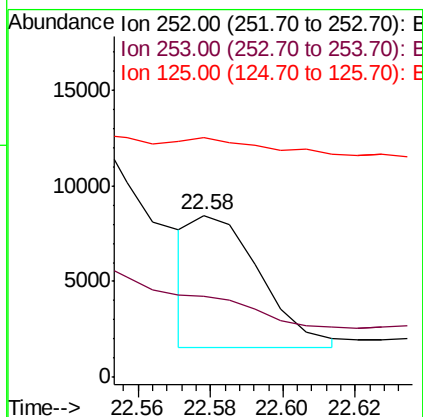
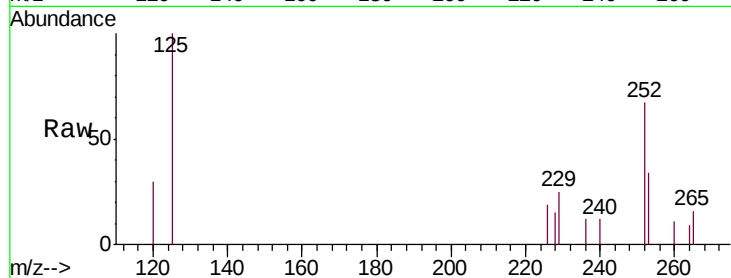
#22
Benzo(k)fluoranthene
Concen: 0.257 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BE097472.D
Acq: 13 Sep 2018 4:18

Instrument :
BNA_E
ClientSampleId :
A3YZ5DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	50.3	24.5	36.7#
125	148.2	13.7	20.5#

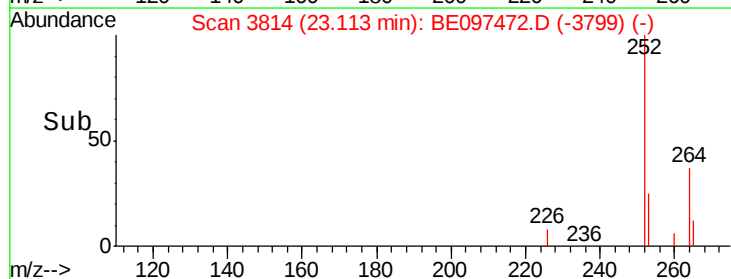
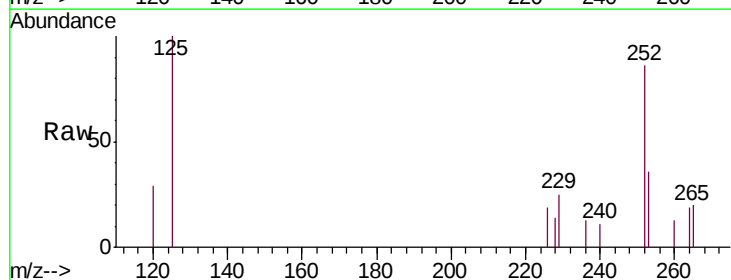
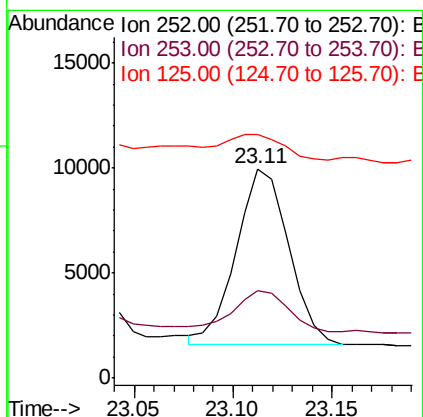
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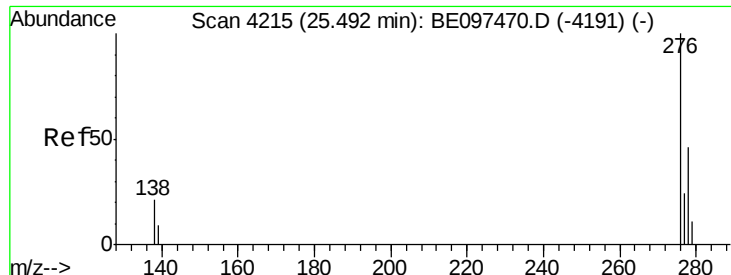
Sohil
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#23
Benzo(a)pyrene
Concen: 0.548 ng/ul m
RT: 23.11 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE097472.D
Acq: 13 Sep 2018 4:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.7	28.5	42.7
125	116.4	18.1	27.1#





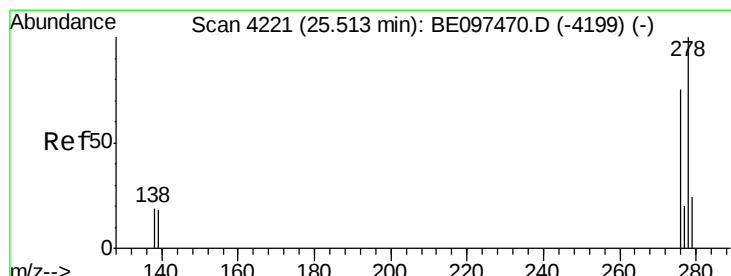
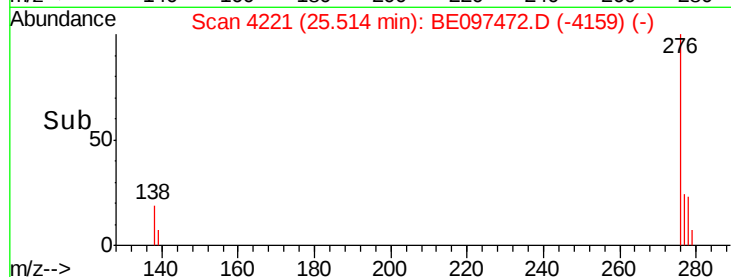
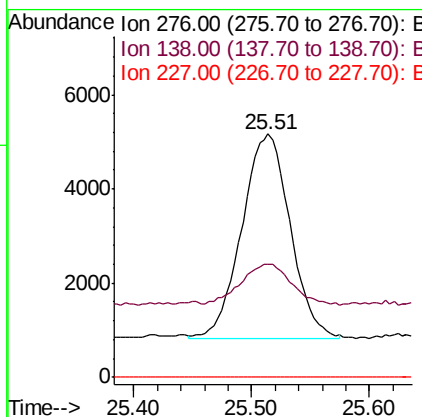
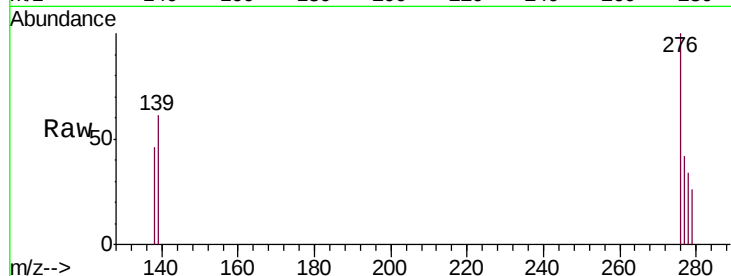
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.339 ng/ul m
 RT: 25.51 min Scan# 4221
 Delta R.T. 0.02 min
 Lab File: BE097472.D
 Acq: 13 Sep 2018 4:18

Instrument :
 BNA_E
 ClientSampleId :
 A3YZ5DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.6	28.0	42.0#
227	0.0	8.0	12.0#

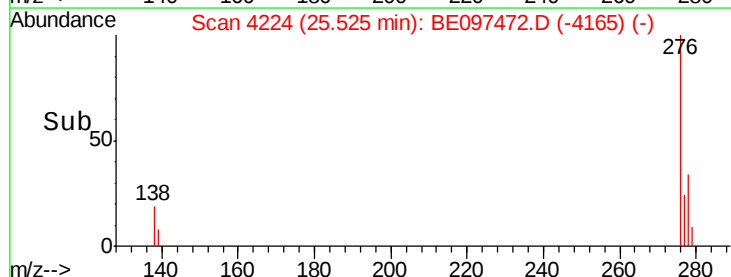
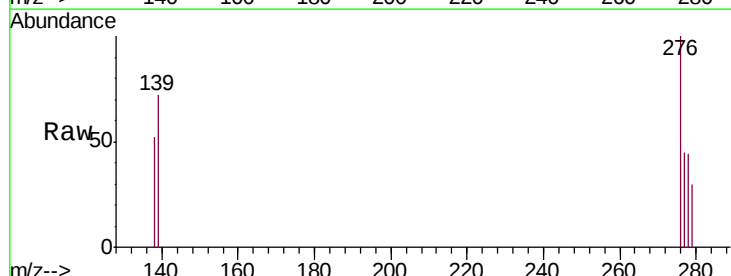
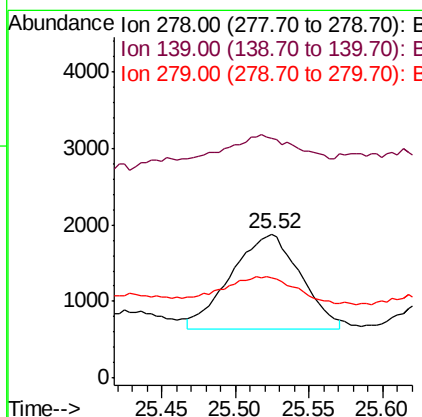
Manual Integrations
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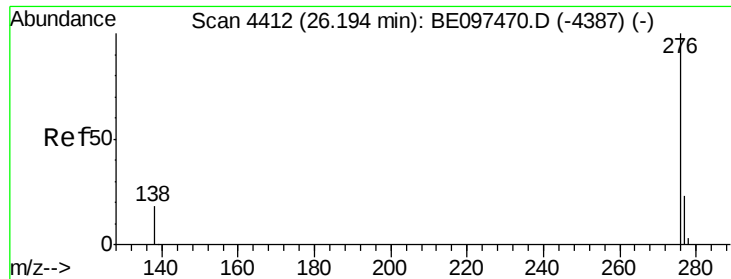
Sohil
 9/13/2018 5:42:40 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.130 ng/ul m
 RT: 25.52 min Scan# 4224
 Delta R.T. 0.01 min
 Lab File: BE097472.D
 Acq: 13 Sep 2018 4:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	166.2	17.4	26.0#
279	69.7	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.356 ng/ul m

RT: 26.22 min Scan# 4418

Delta R.T. 0.02 min

Lab File: BE097472.D

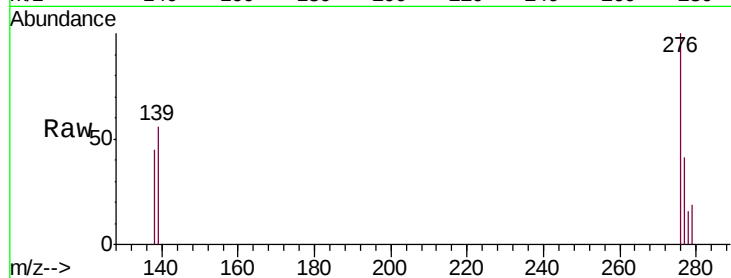
Acq: 13 Sep 2018 4:18

Instrument :

BNA_E

ClientSampleId :

A3YZ5DL



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	45.2	21.8	32.8#	
277	41.3	20.5	30.7#	

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:40 PM

