

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:13:59 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	1182	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6755	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4819	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	12227m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12617m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	13271m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2500	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	8685m	0.22	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.17	128	4935	0.300	ng/ul#	94
5) 2-Methylnaphthalene	11.79	142	2469	0.237	ng/ul	96
7) Acenaphthylene	13.73	152	5988	0.341	ng/ul	98
8) Acenaphthene	14.07	153	3452	0.229	ng/ul	96
9) Fluorene	15.07	166	3405	0.197	ng/ul	92
12) Phenanthrene	16.80	178	58020m	1.843	ng/ul	
13) Anthracene	16.89	178	12043m	0.455	ng/ul	
15) Fluoranthene	18.84	202	122567m	3.031	ng/ul	
17) Pyrene	19.20	202	127197m	3.746	ng/ul	
18) Benzo(a)anthracene	20.96	228	69391m	2.141	ng/ul	
19) Chrysene	21.01	228	82147m	2.200	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	122049m	3.434	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	35051m	0.884	ng/ul	
23) Benzo(a)pyrene	23.12	252	74059m	2.252	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	68621m	1.610	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	19207m	0.532	ng/ul	
26) Benzo(g,h,i)perylene	26.22	276	68272m	1.879	ng/ul	

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

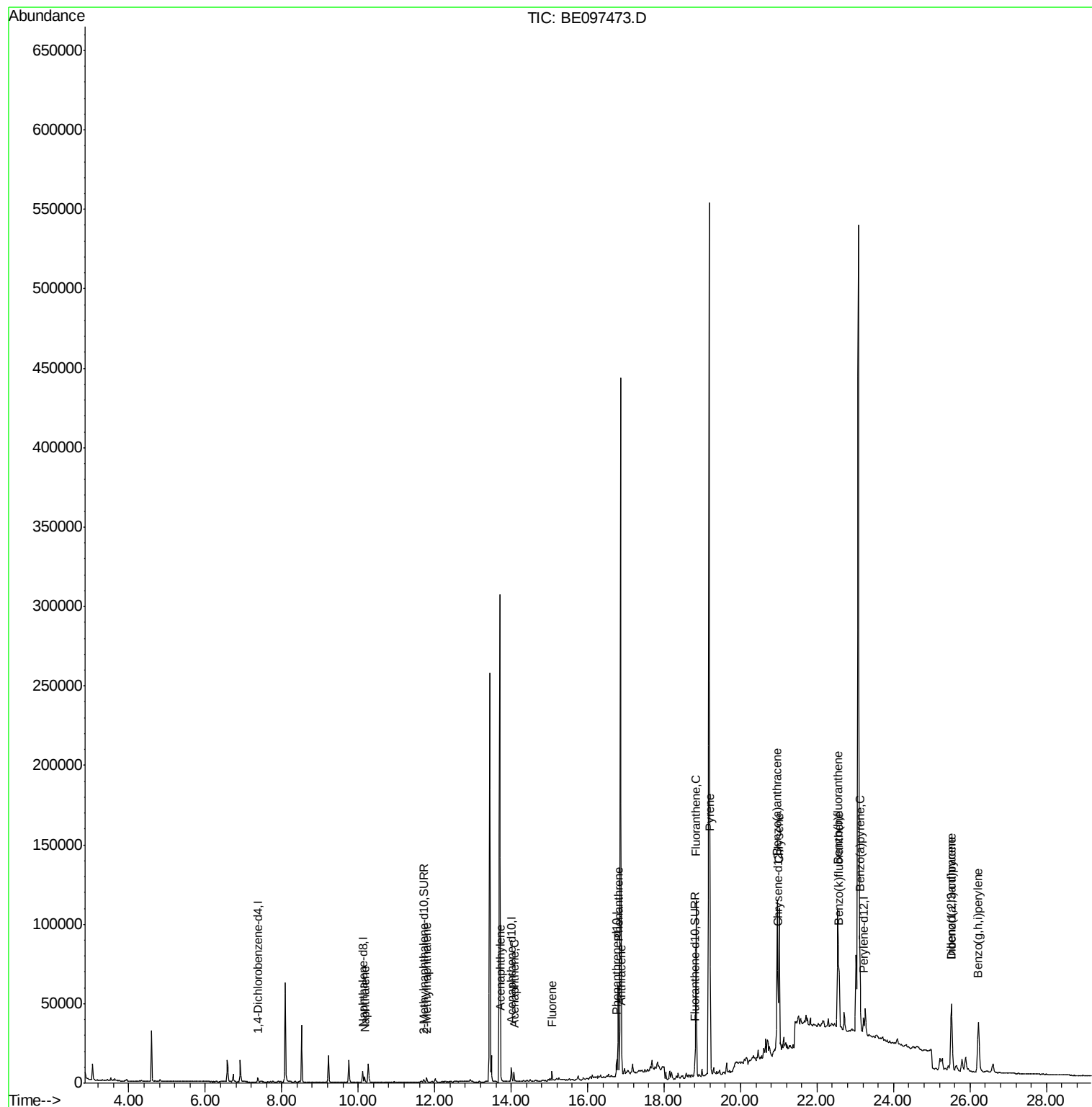
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097473.D
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ALS Vial : 26 Sample Multiplier: 1

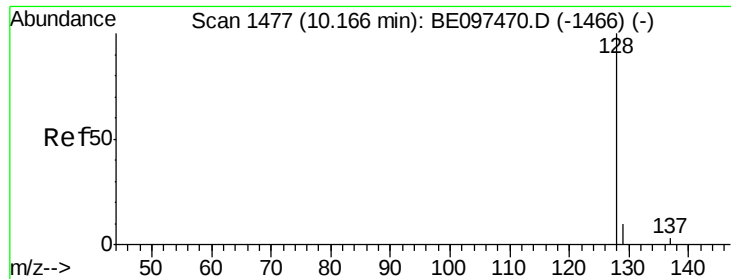
Instrument :
BNA_E
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Quant Time: Sep 13 08:13:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.300 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Instrument :

BNA_E

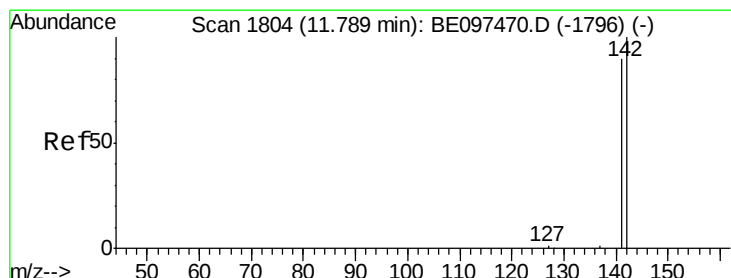
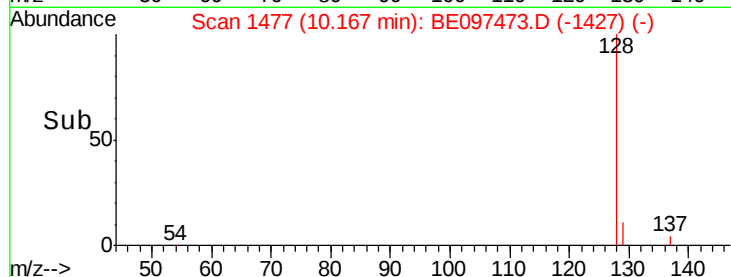
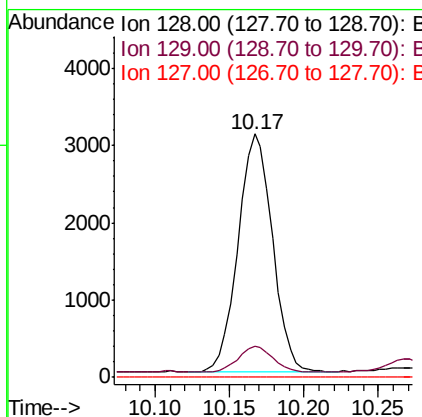
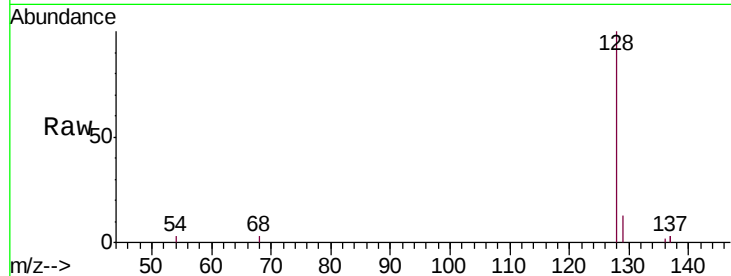
ClientSampleId :

A3YX8

Tgt Ion:	128	Resp:	4935
Ion Ratio	Lower	Upper	
128	100		
129	12.8	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.237 ng/ul

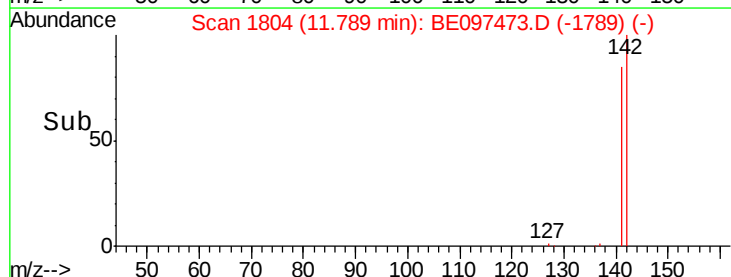
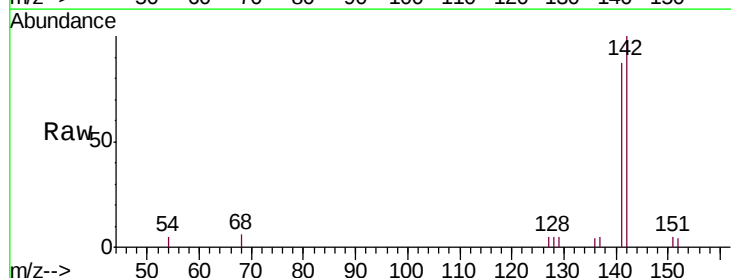
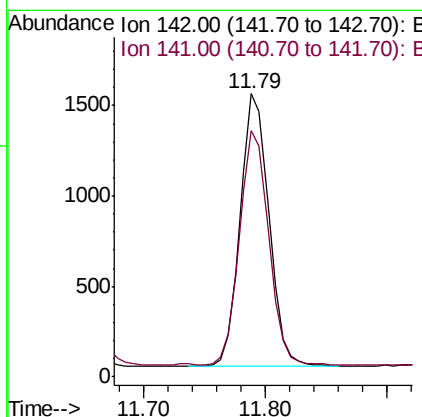
RT: 11.79 min Scan# 1804

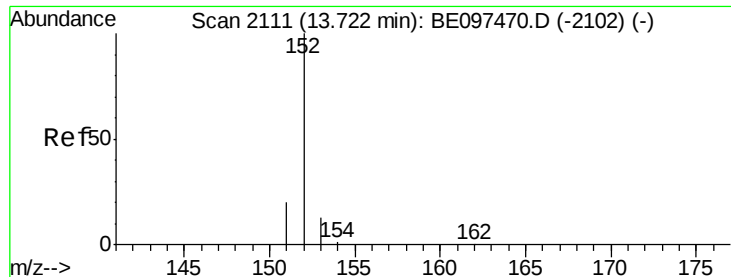
Delta R.T. -0.00 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Tgt Ion:	142	Resp:	2469
Ion Ratio	Lower	Upper	
142	100		
141	86.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.341 ng/ul

RT: 13.73 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Instrument :

BNA_E

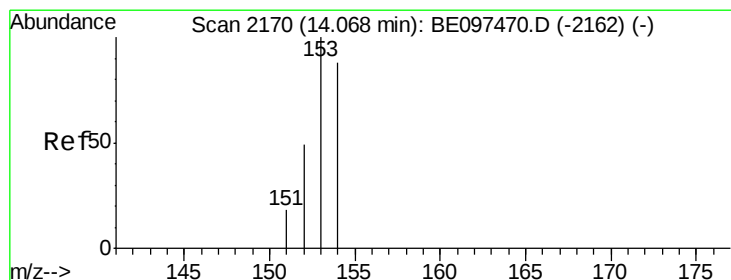
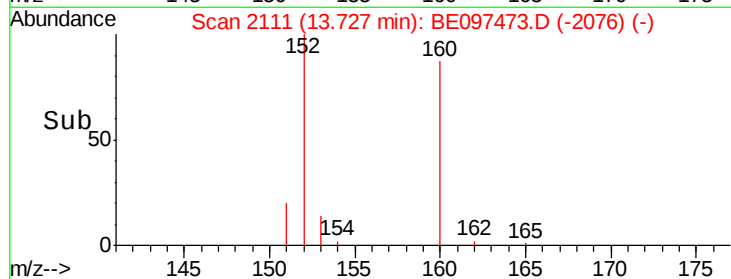
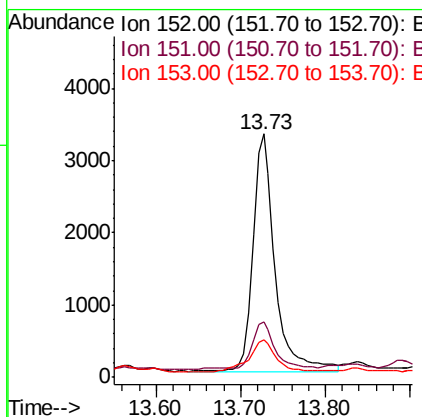
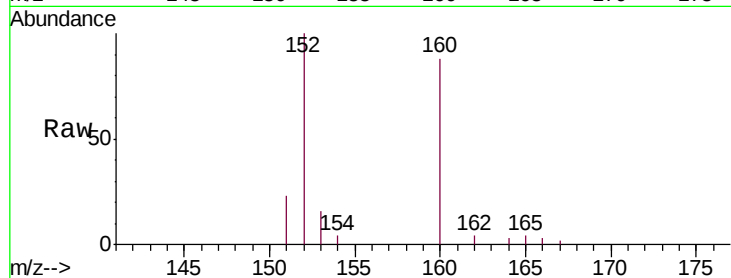
ClientSampleId :

A3YX8

Tgt Ion:	152	Resp:	5988
Ion Ratio	Lower	Upper	
152	100		
151	22.8	17.1	25.7
153	15.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.229 ng/ul

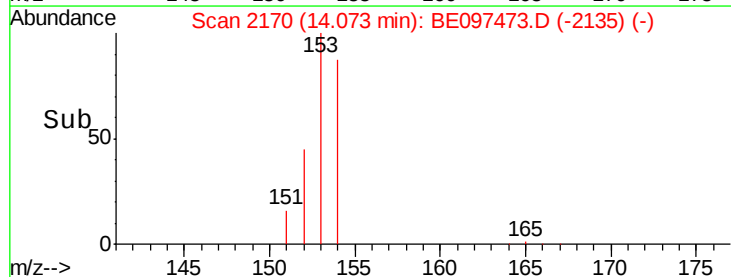
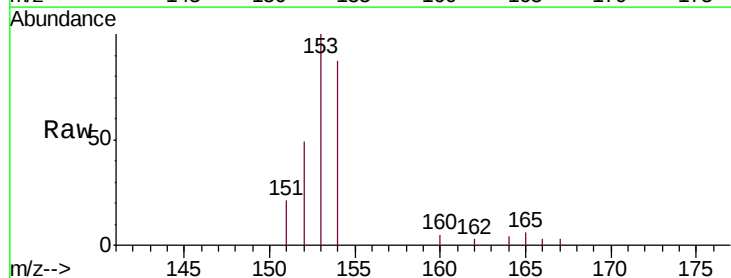
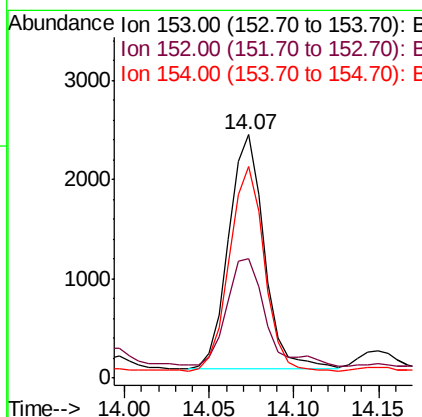
RT: 14.07 min Scan# 2170

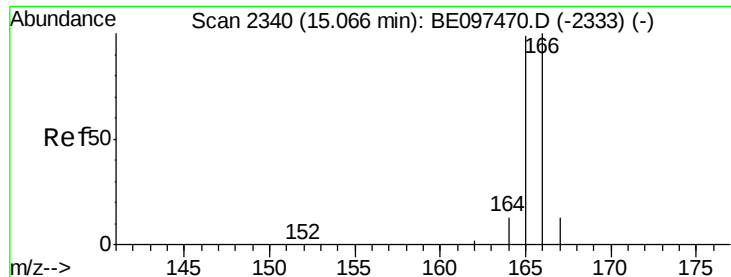
Delta R.T. 0.01 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Tgt Ion:	153	Resp:	3452
Ion Ratio	Lower	Upper	
153	100		
152	49.0	36.0	54.0
154	87.1	72.0	108.0





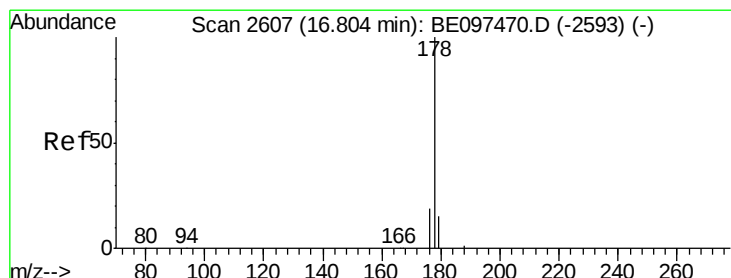
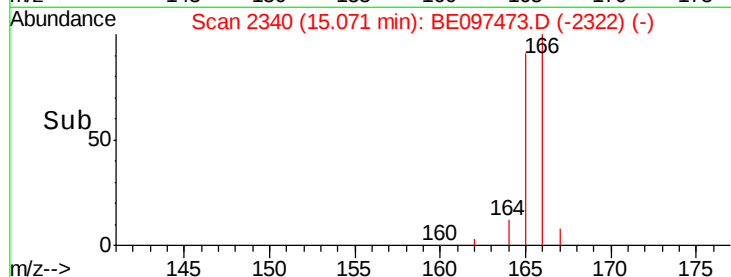
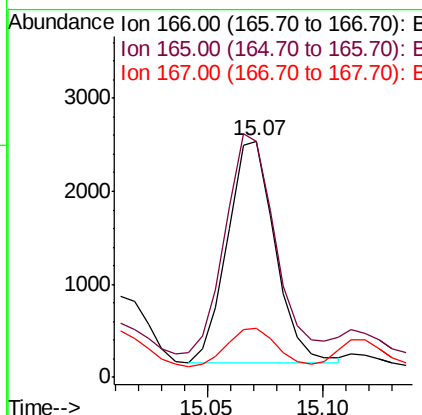
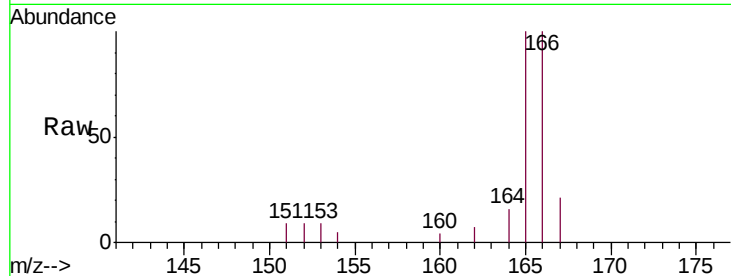
#9
Fluorene
 Concen: 0.197 ng/ul
 RT: 15.07 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: BE097473.D
 Acq: 13 Sep 2018 4:54

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	73.4	110.2
167	21.0	14.6	22.0

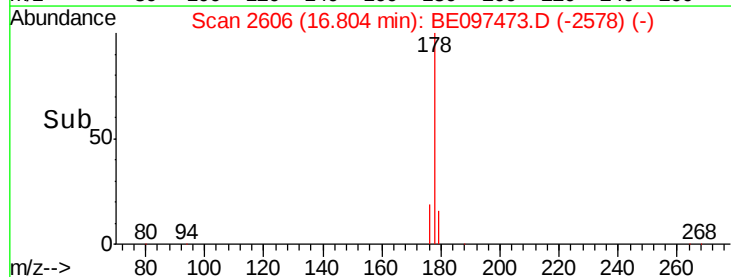
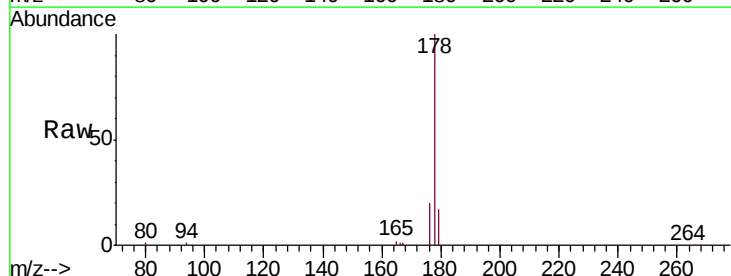
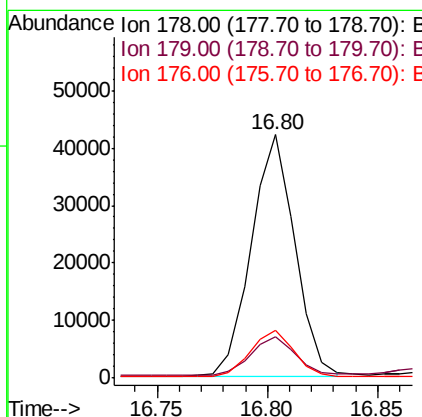
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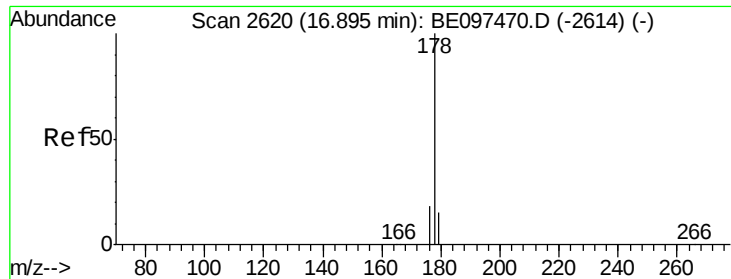
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#12
Phenanthrene
 Concen: 1.843 ng/ul m
 RT: 16.80 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: BE097473.D
 Acq: 13 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.4	27.6#
176	19.7	13.6	20.4





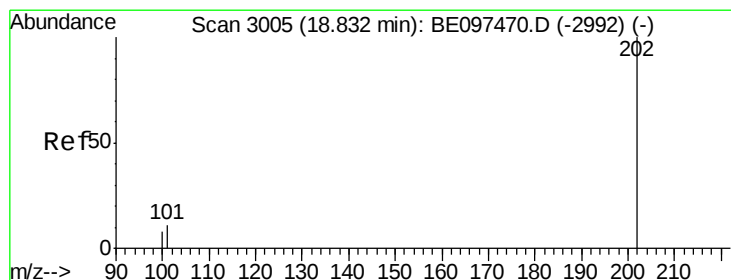
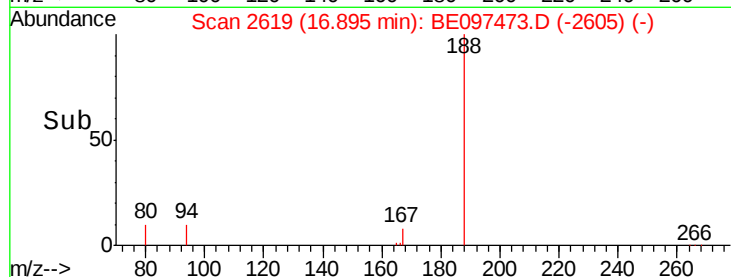
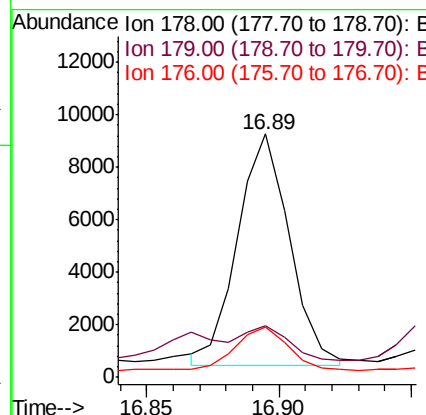
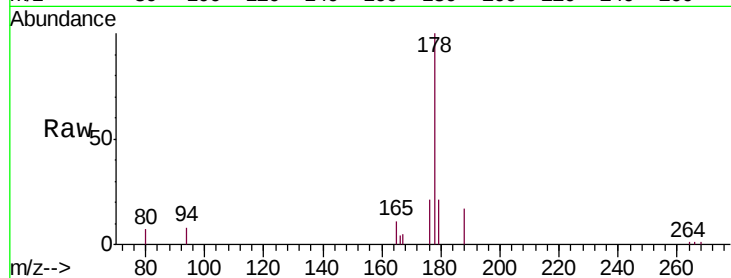
#13
 Anthracene
 Concen: 0.455 ng/ul m
 RT: 16.89 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BE097473.D
 Acq: 13 Sep 2018 4:54

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.2	18.1	27.1
176	20.7	14.7	22.1

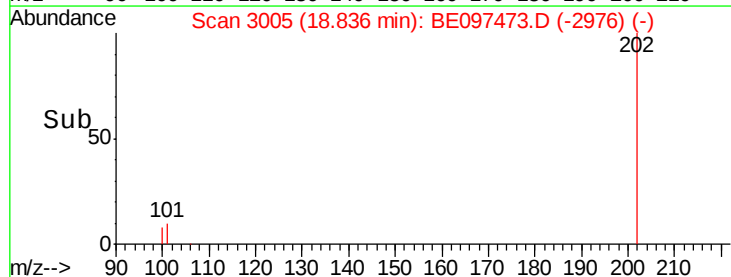
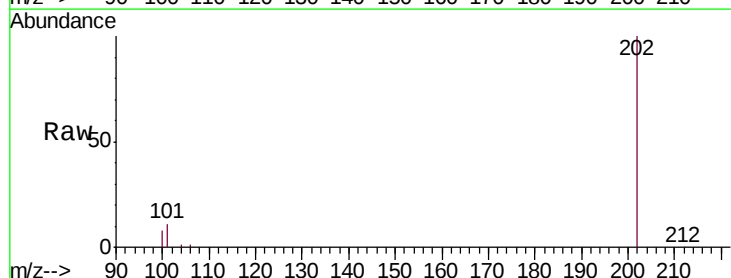
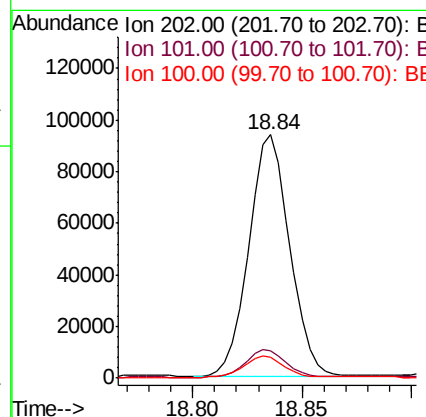
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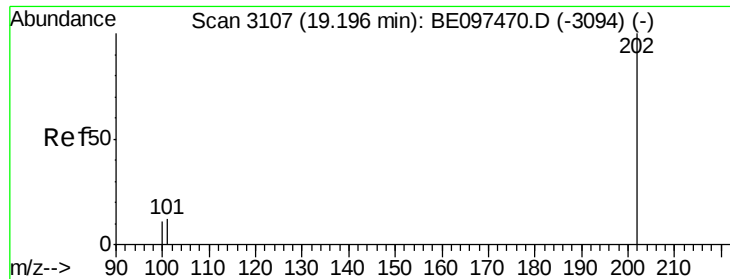
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#15
 Fluoranthene
 Concen: 3.031 ng/ul m
 RT: 18.84 min Scan# 3005
 Delta R.T. 0.00 min
 Lab File: BE097473.D
 Acq: 13 Sep 2018 4:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
100	8.5	0.0	39.5





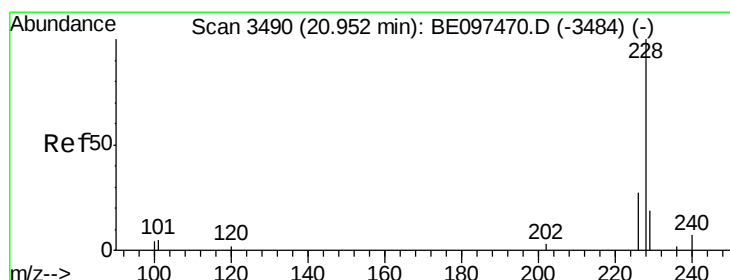
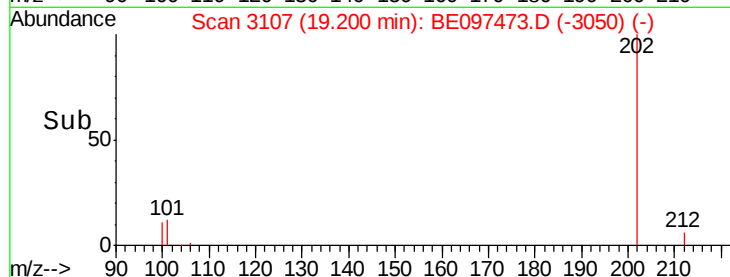
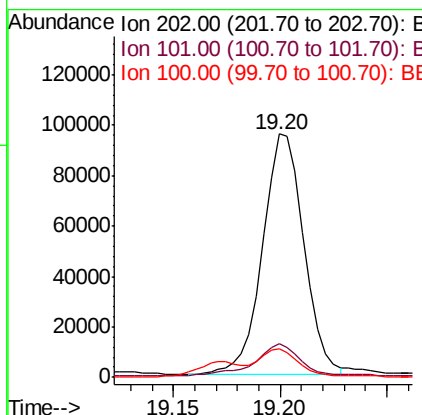
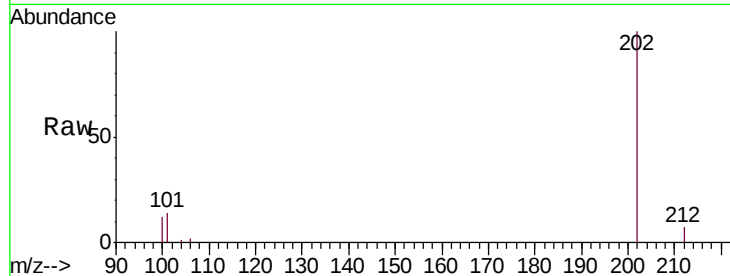
#17
Pyrene
Concen: 3.746 ng/ul m
RT: 19.20 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BE097473.D
Acq: 13 Sep 2018 4:54

Instrument :
BNA_E
ClientSampleId :
A3YX8

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	127197		
101	13.7	18.2	27.4#	
100	11.5	15.6	23.4#	

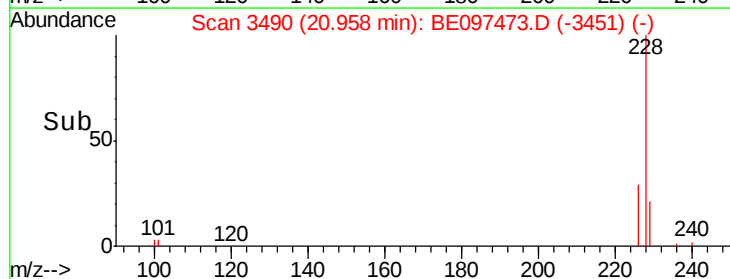
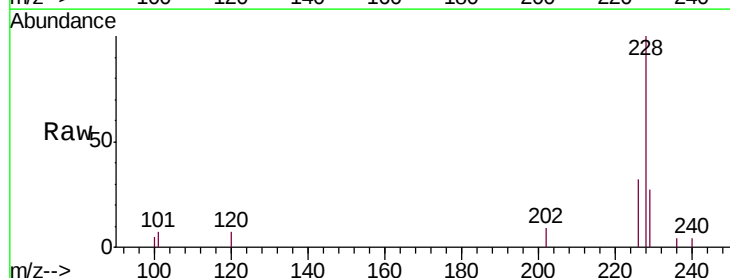
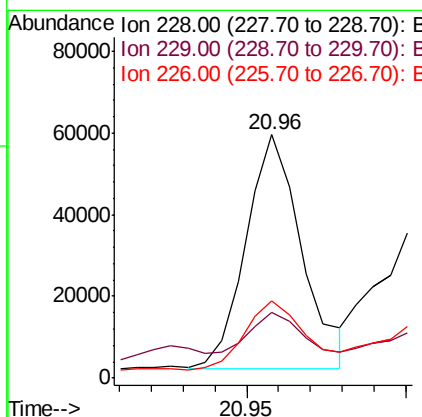
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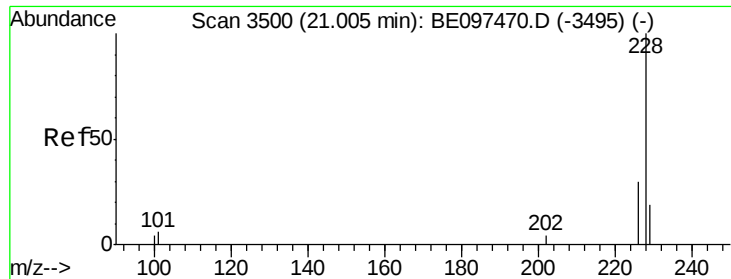
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#18
Benzo(a)anthracene
Concen: 2.141 ng/ul m
RT: 20.96 min Scan# 3490
Delta R.T. 0.01 min
Lab File: BE097473.D
Acq: 13 Sep 2018 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	69391		
229	26.8	22.8	34.2	
226	31.6	17.0	25.6#	





#19

Chrysene

Concen: 2.200 ng/ul m

RT: 21.01 min Scan# 3500

Delta R.T. 0.01 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Instrument :

BNA_E

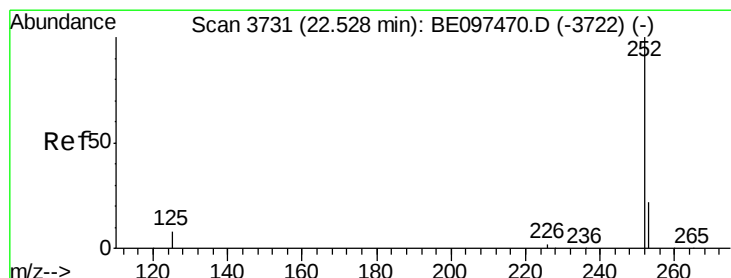
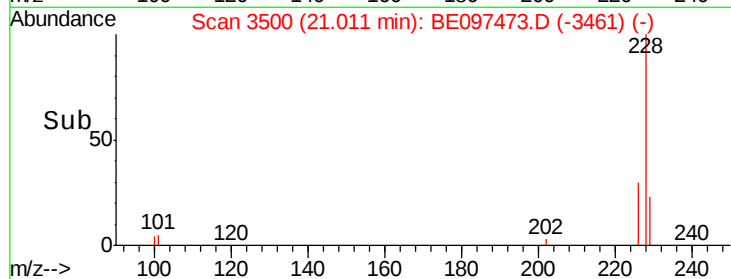
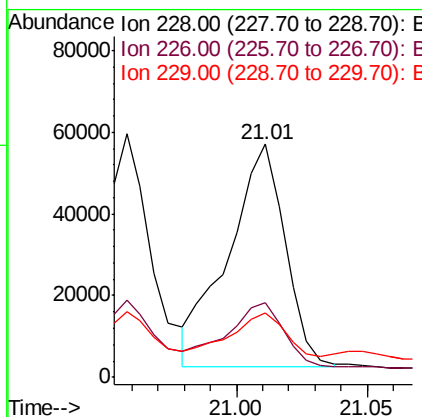
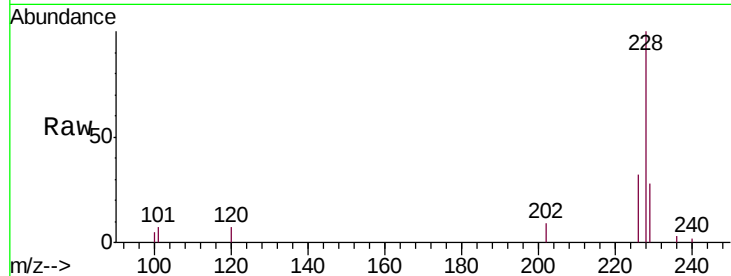
ClientSampleId :

A3YX8

Tgt Ion:	228	Resp:	82147
Ion Ratio	Lower	Upper	
228	100		
226	32.0	23.4	35.0
229	27.9	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 3.434 ng/ul m

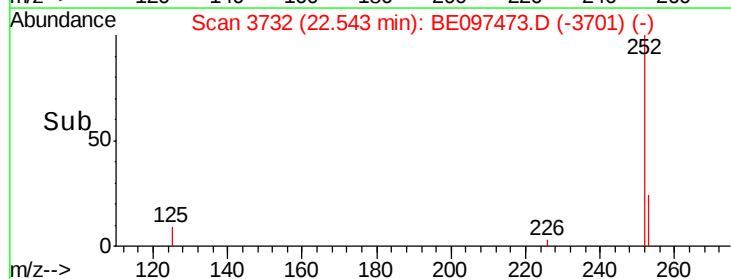
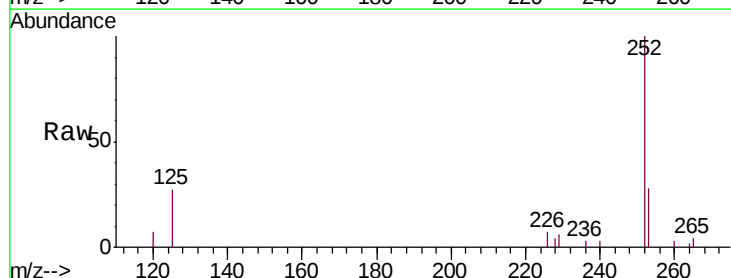
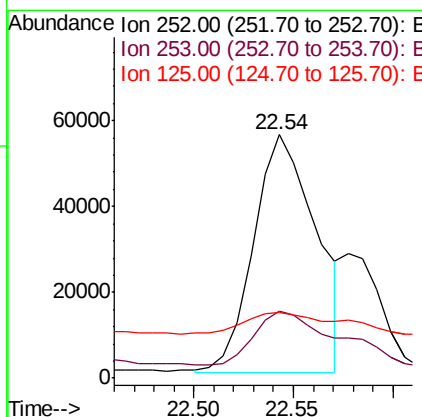
RT: 22.54 min Scan# 3732

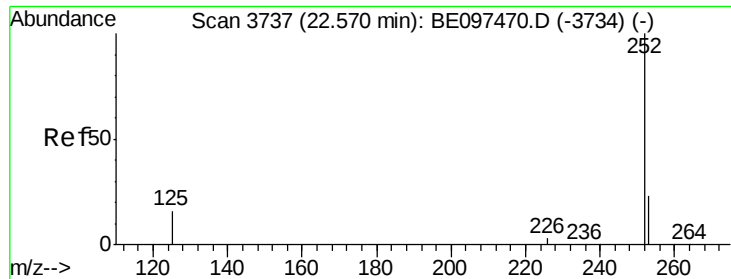
Delta R.T. 0.01 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Tgt Ion:	252	Resp:	122049
Ion Ratio	Lower	Upper	
252	100		
253	27.7	0.0	64.2
125	26.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.884 ng/ul m

RT: 22.58 min Scan# 3737

Delta R.T. 0.01 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Instrument :

BNA_E

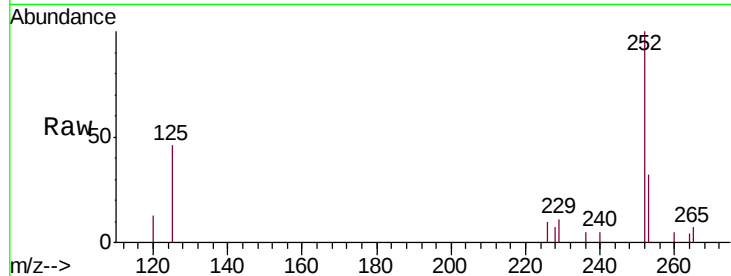
ClientSampleId :

A3YX8

Tgt Ion:	252	Resp:	35051
Ion Ratio	Lower	Upper	
252	100		
253	32.0	24.5	36.7
125	46.3	13.7	20.5#

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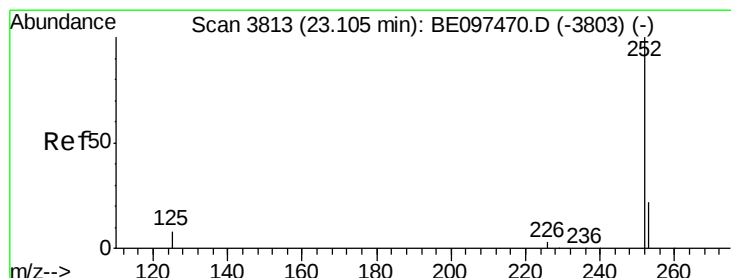
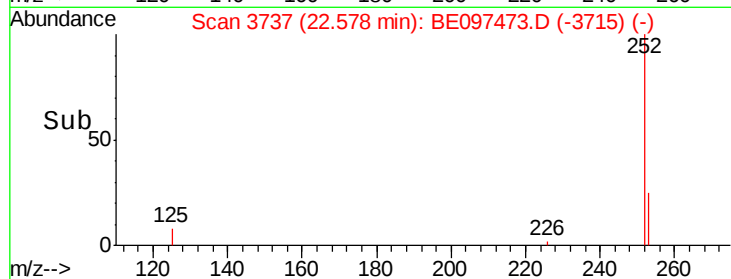
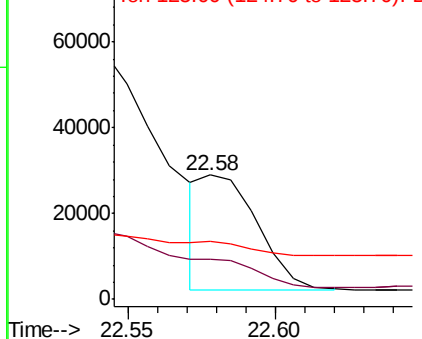
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 2.252 ng/ul m

RT: 23.12 min Scan# 3814

Delta R.T. 0.01 min

Lab File: BE097473.D

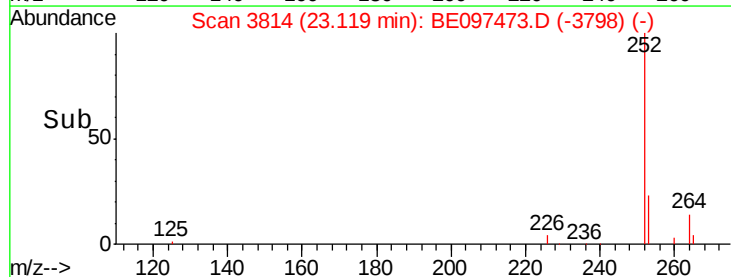
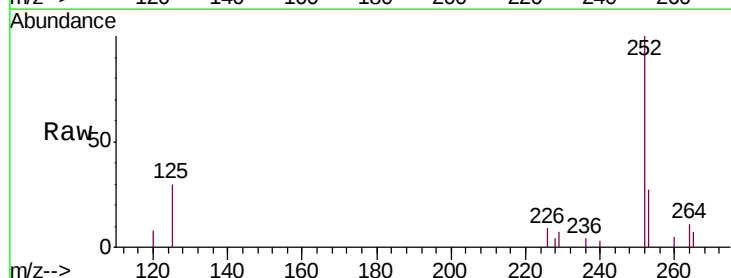
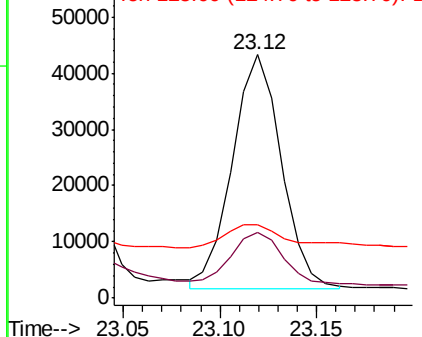
Acq: 13 Sep 2018 4:54

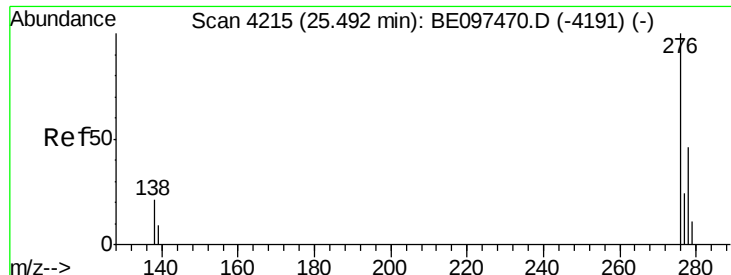
Tgt Ion:	252	Resp:	74059
Ion Ratio	Lower	Upper	
252	100		
253	27.0	28.5	42.7#
125	30.3	18.1	27.1#

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: 1.610 ng/ul m

RT: 25.51 min Scan# 4220

Delta R.T. 0.02 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

Instrument :

BNA_E

ClientSampleId :

A3YX8

Tgt Ion:276 Resp: 68621

Ion Ratio Lower Upper

276 100

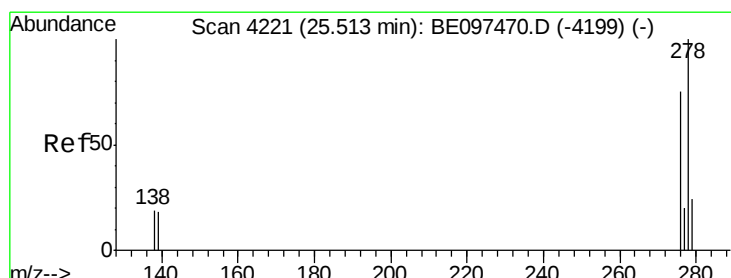
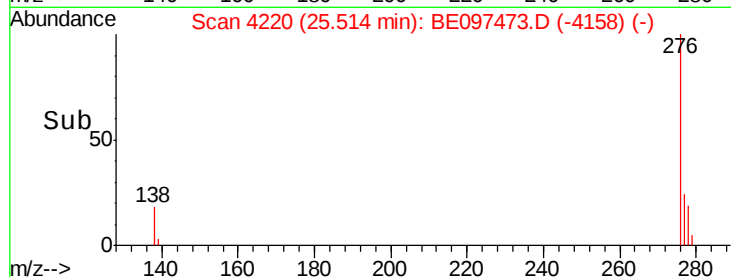
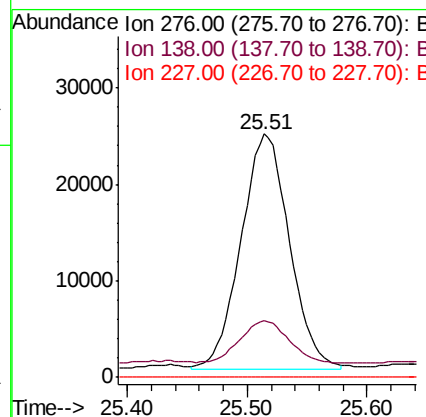
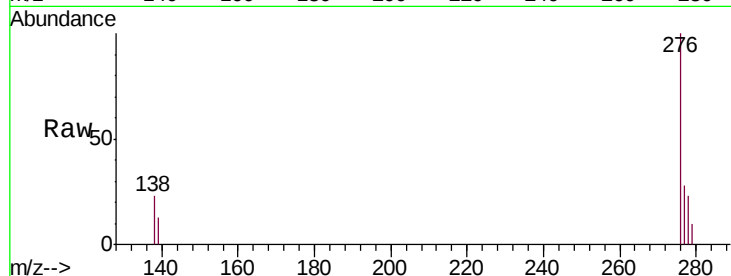
138 1.7 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
APPROVED

Sohil

9/13/2018 5:42:41 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.532 ng/ul m

RT: 25.52 min Scan# 4223

Delta R.T. 0.01 min

Lab File: BE097473.D

Acq: 13 Sep 2018 4:54

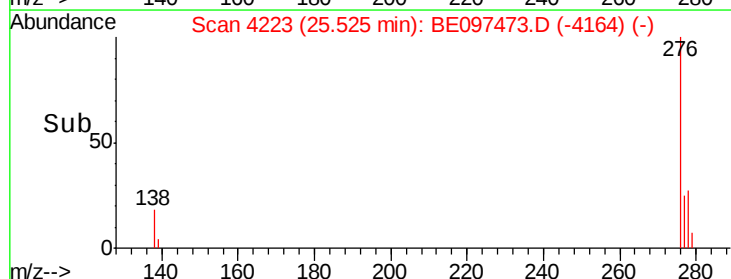
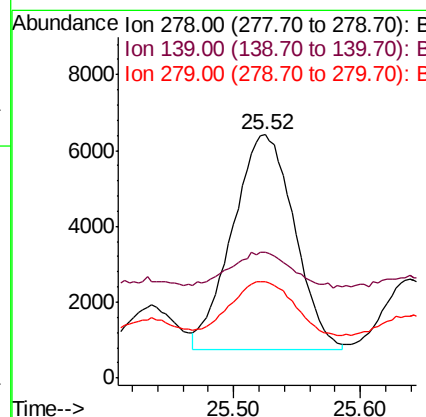
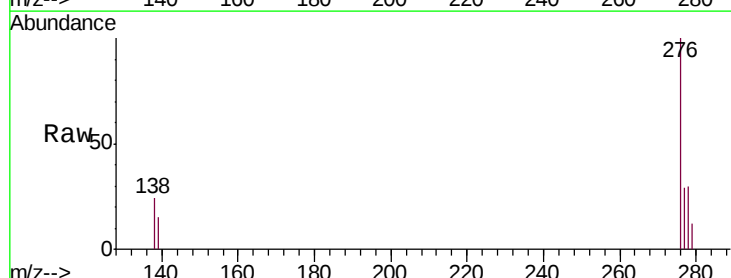
Tgt Ion:278 Resp: 19207

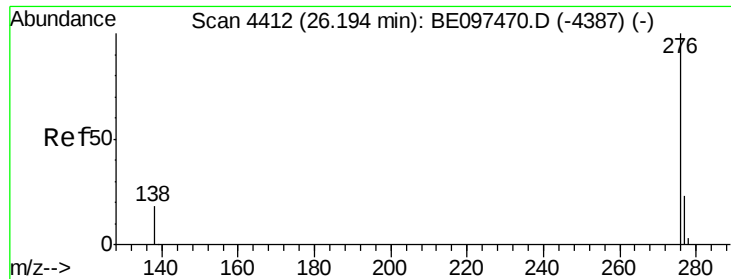
Ion Ratio Lower Upper

278 100

139 51.9 17.4 26.0#

279 39.5 25.9 38.9#





#26
Benzo(g,h,i)perylene
Concen: 1.879 ng/ul m
RT: 26.22 min Scan# 4419
Delta R.T. 0.03 min
Lab File: BE097473.D
Acq: 13 Sep 2018 4:54

Instrument :
BNA_E
ClientSampleId :
A3YX8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	21.8	32.8
277	27.4	20.5	30.7

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

