

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
 Data File : BE097424.D
 Acq On : 7 Sep 2018 14:34
 Operator : SJ/JU
 Sample : J4688-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z23

Manual Integrations
 APPROVED

Sohil
 9/11/2018 2:42:55 PM

Quant Time: Sep 08 00:35:08 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	862	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3362	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9040m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10593m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10163m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1618	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	6835m	0.23	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.17	128	1932	0.173	ng/ul#	95
5) 2-Methylnaphthalene	11.79	142	1186	0.168	ng/ul	97
7) Acenaphthylene	13.72	152	2482	0.203	ng/ul	97
8) Acenaphthene	14.07	153	1558	0.148	ng/ul	93
9) Fluorene	15.07	166	1587	0.132	ng/ul#	91
12) Phenanthrene	16.80	178	40184m	1.727	ng/ul	
13) Anthracene	16.89	178	7271m	0.372	ng/ul	
15) Fluoranthene	18.83	202	98488m	3.294	ng/ul	
17) Pyrene	19.20	202	91950	3.226	ng/ul#	78
18) Benzo(a)anthracene	20.95	228	50872m	1.869	ng/ul	
19) Chrysene	21.00	228	56504	1.802	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	75788m	2.785	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	25117m	0.828	ng/ul	
23) Benzo(a)pyrene	23.10	252	45602m	1.811	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.48	276	32785m	1.005	ng/ul	
25) Dibenzo(a,h)anthracene	25.50	278	8754m	0.317	ng/ul	
26) Benzo(g,h,i)perylene	26.18	276	30697m	1.103	ng/ul	

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

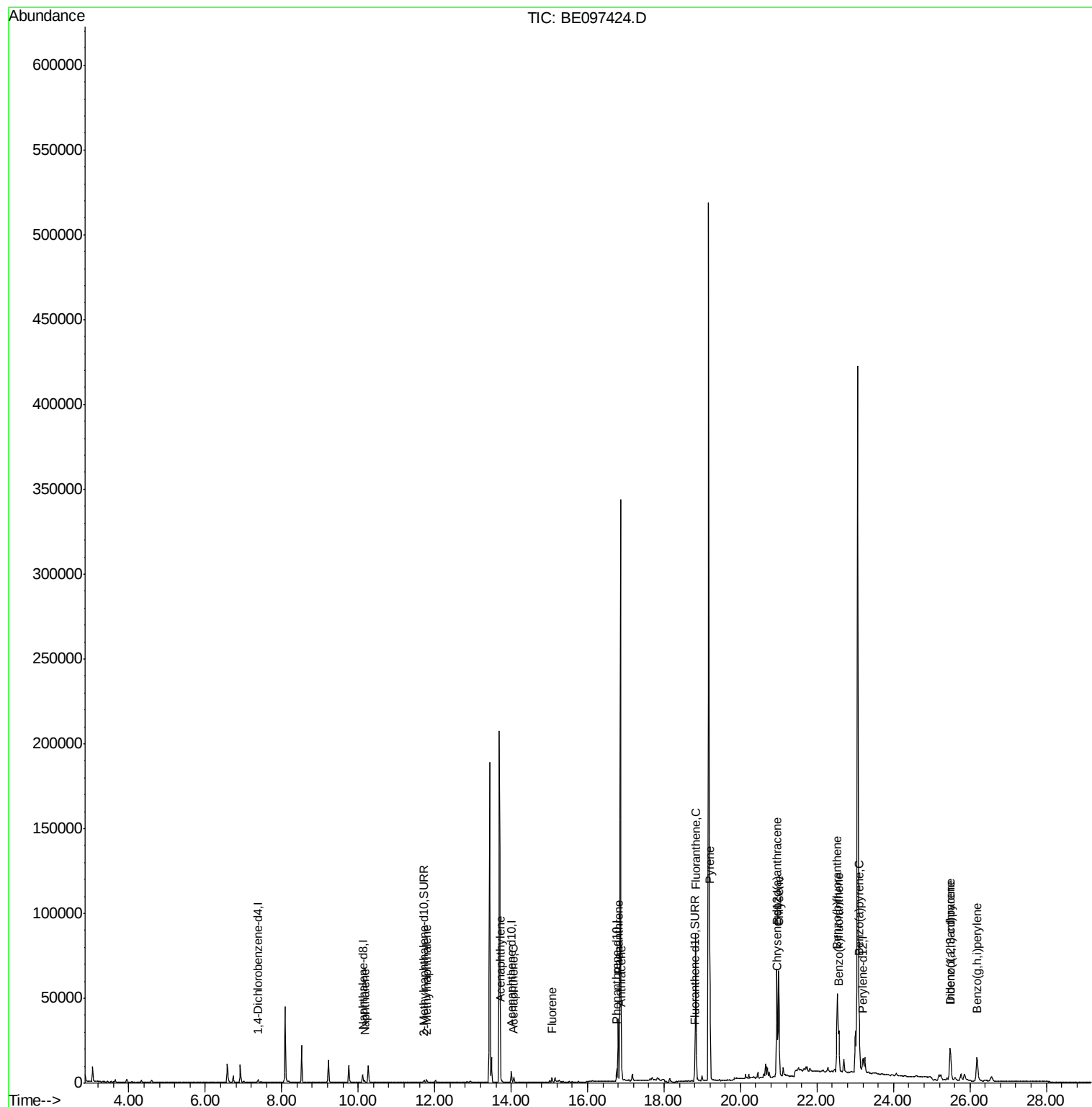
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE090718\
Data File : BE097424.D
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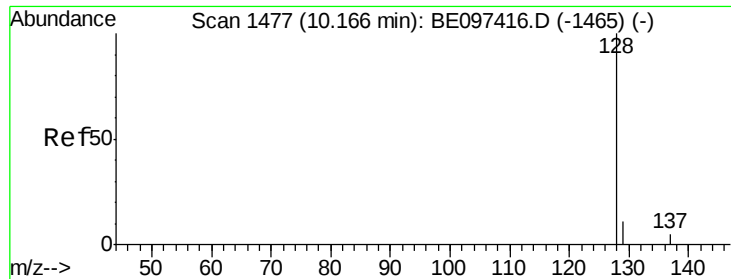
Instrument :
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Quant Time: Sep 08 00:35:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 07 23:49:56 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.173 ng/ul

RT: 10.17 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Instrument :

BNA_E

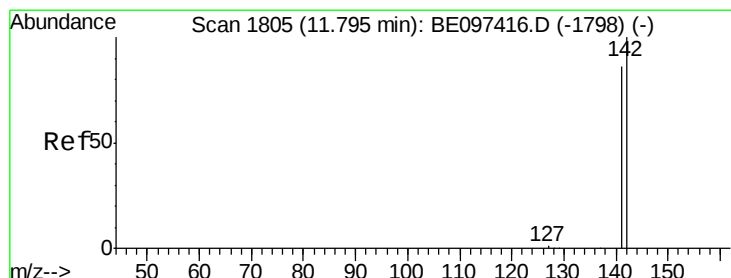
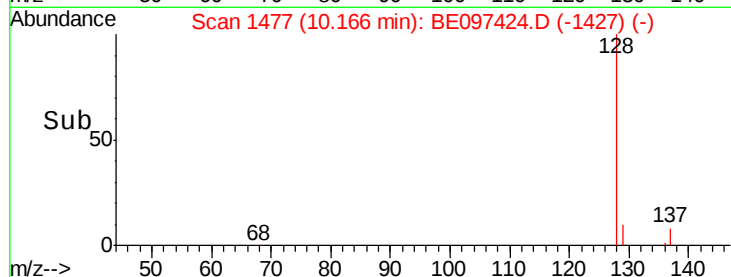
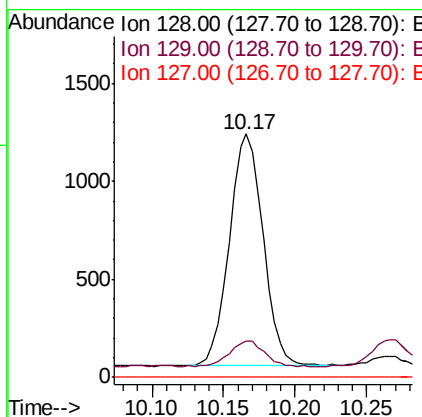
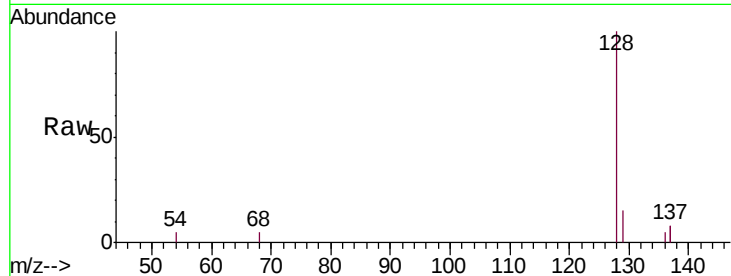
ClientSampleId :

A3Z23

Tgt Ion:	128	Resp:	1932
Ion Ratio	Lower	Upper	
128	100		
129	14.8	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.168 ng/ul

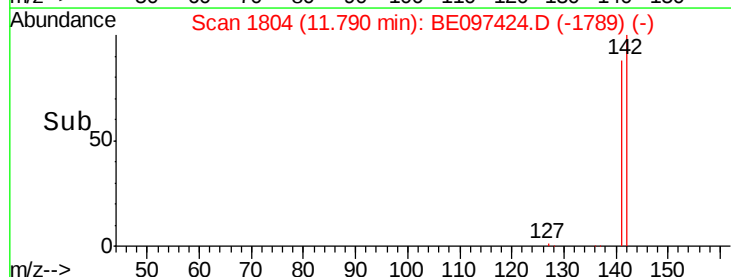
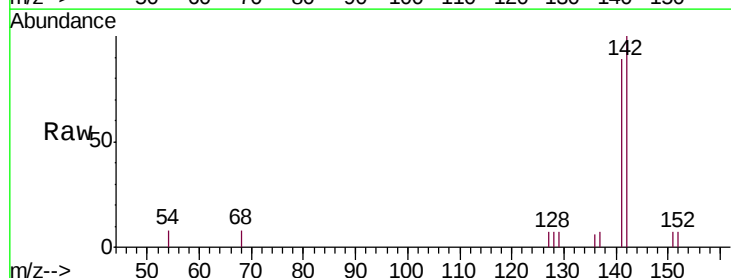
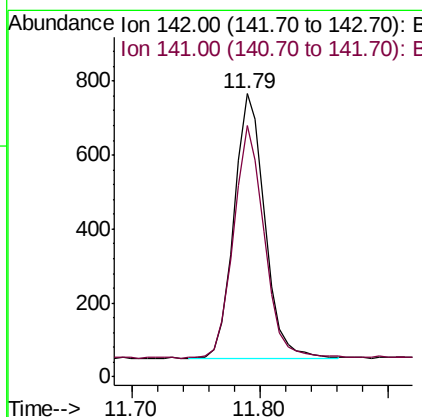
RT: 11.79 min Scan# 1804

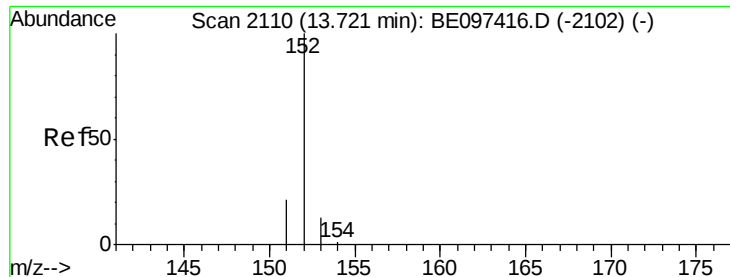
Delta R.T. -0.01 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Tgt Ion:	142	Resp:	1186
Ion Ratio	Lower	Upper	
142	100		
141	88.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.203 ng/ul

RT: 13.72 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Instrument :

BNA_E

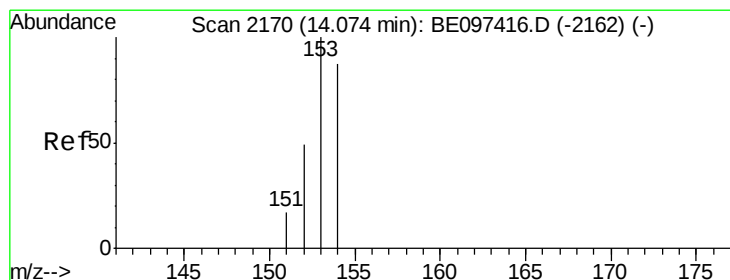
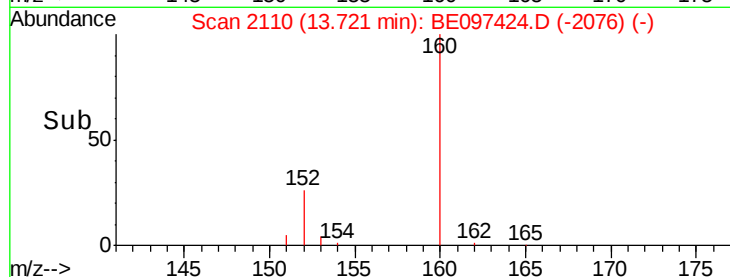
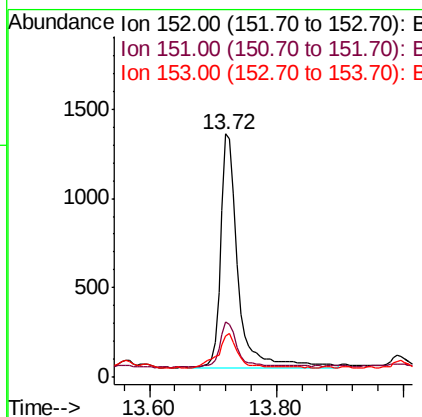
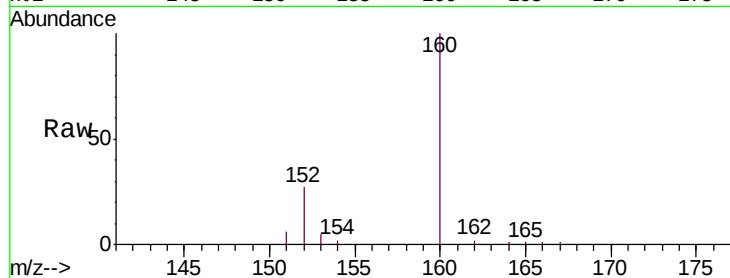
ClientSampleId :

A3Z23

Tgt Ion:	152	Resp:	2482
Ion Ratio	Lower	Upper	
152	100		
151	22.9	17.1	25.7
153	17.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.148 ng/ul

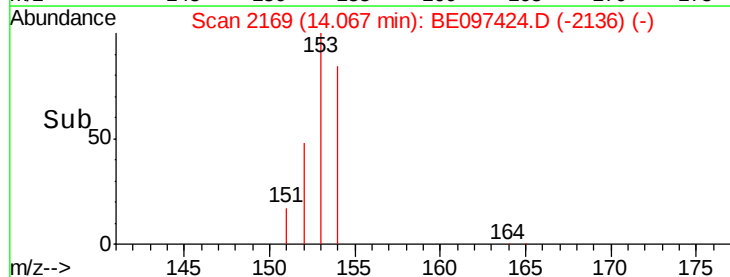
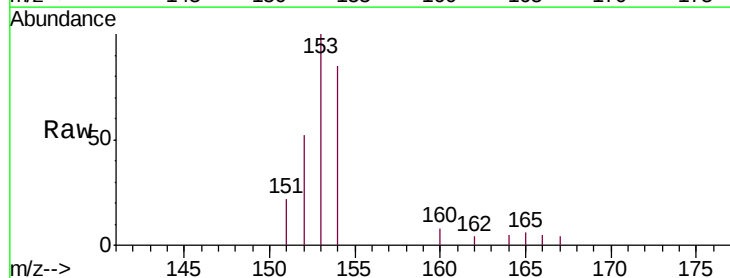
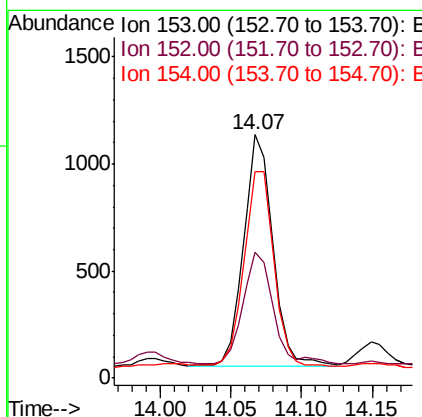
RT: 14.07 min Scan# 2169

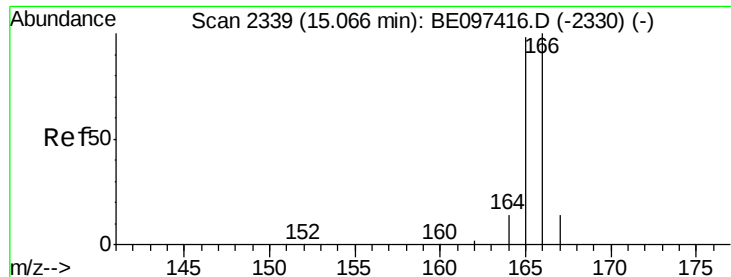
Delta R.T. -0.01 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Tgt Ion:	153	Resp:	1558
Ion Ratio	Lower	Upper	
153	100		
152	51.9	36.0	54.0
154	84.9	72.0	108.0





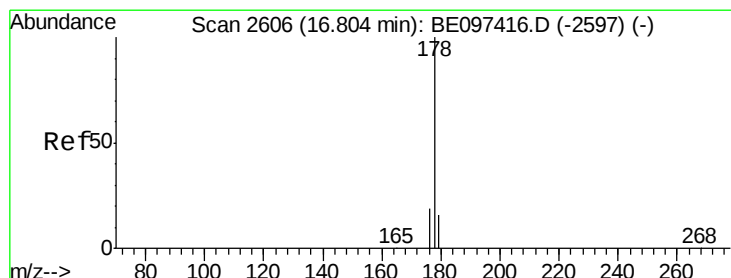
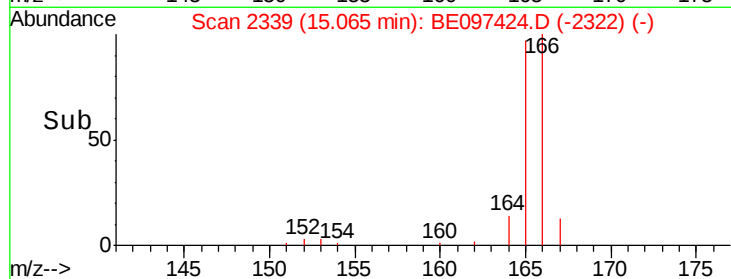
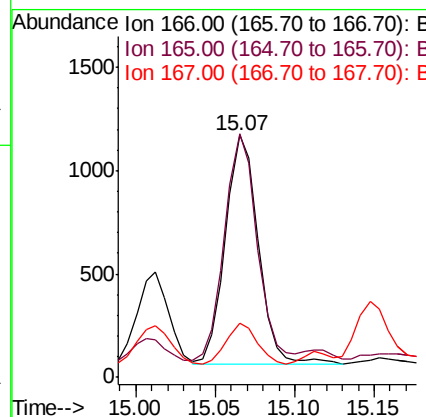
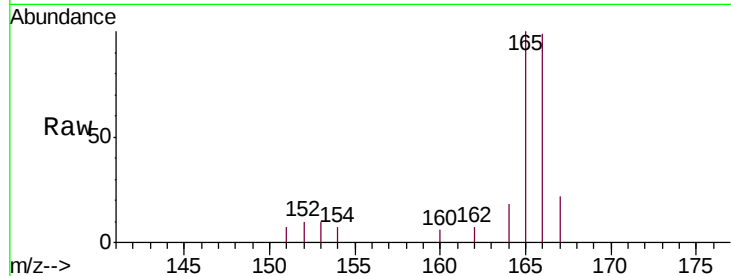
#9
Fluorene
 Concen: 0.132 ng/ul
 RT: 15.07 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: BE097424.D
 Acq: 7 Sep 2018 14:34

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	73.4	110.2
167	22.3	14.6	22.0

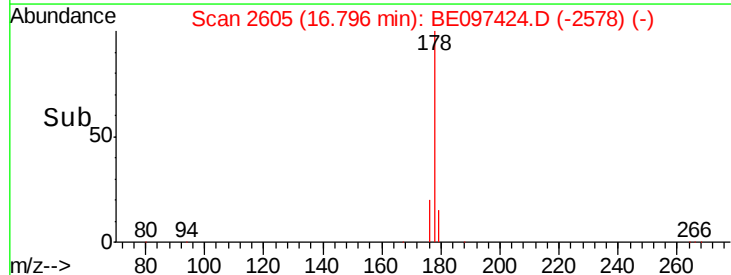
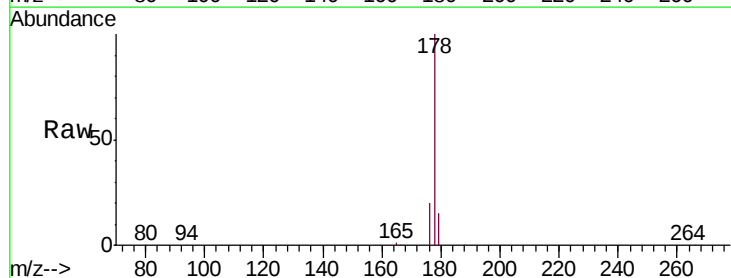
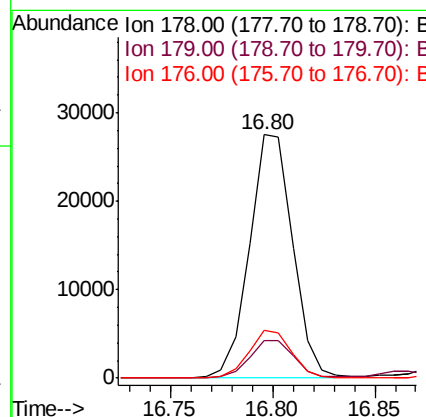
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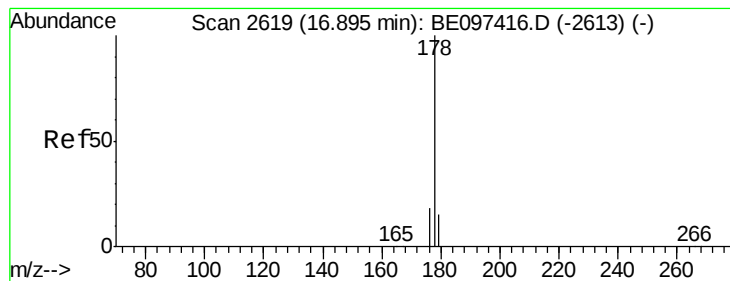
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#12
Phenanthrene
 Concen: 1.727 ng/ul m
 RT: 16.80 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BE097424.D
 Acq: 7 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6
176	19.7	13.6	20.4





#13

Anthracene

Concen: 0.372 ng/ul m

RT: 16.89 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Instrument :

BNA_E

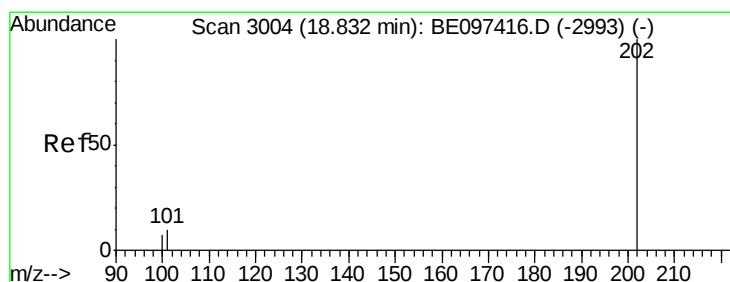
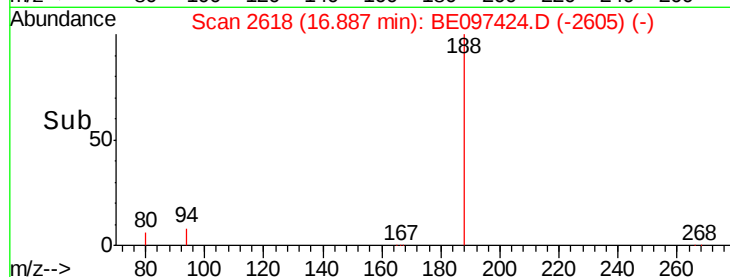
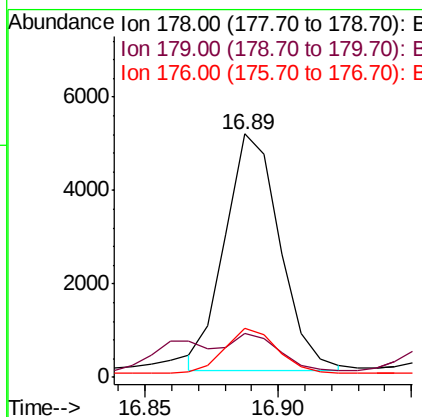
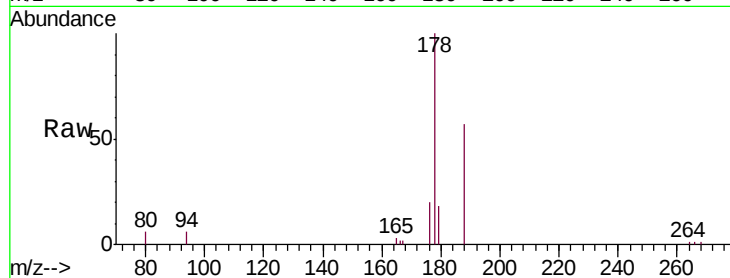
ClientSampleId :

A3Z23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.1	18.1	27.1#
176	20.2	14.7	22.1

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#15

Fluoranthene

Concen: 3.294 ng/ul m

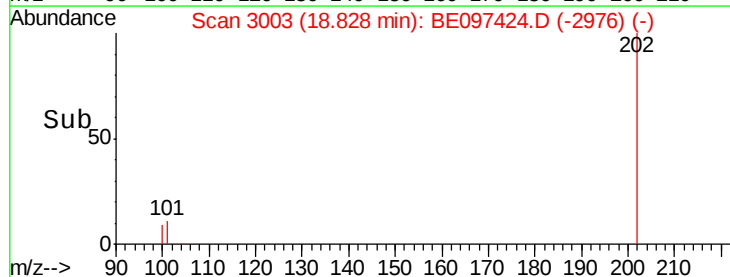
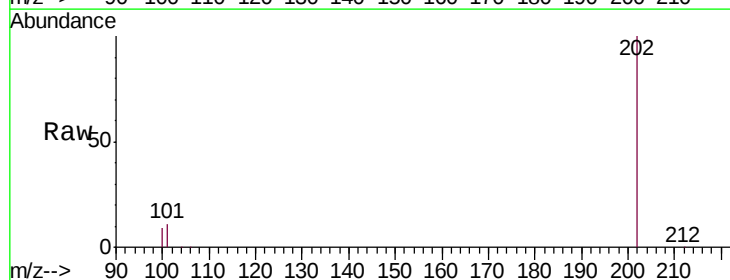
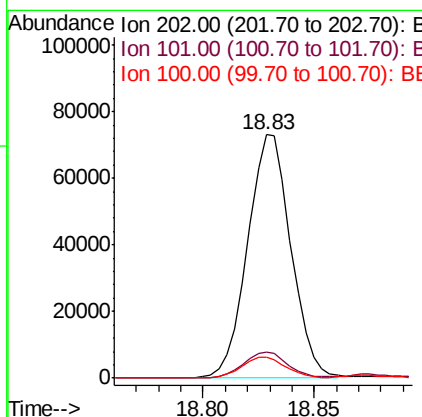
RT: 18.83 min Scan# 3003

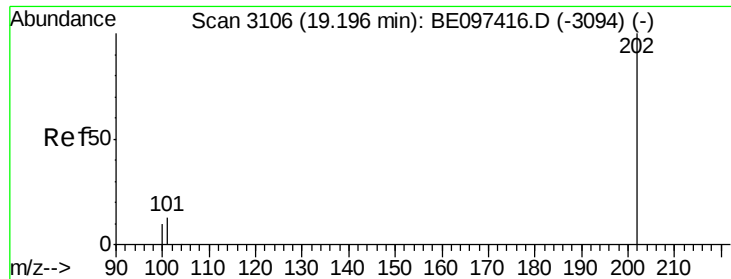
Delta R.T. -0.00 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.8	0.0	39.5





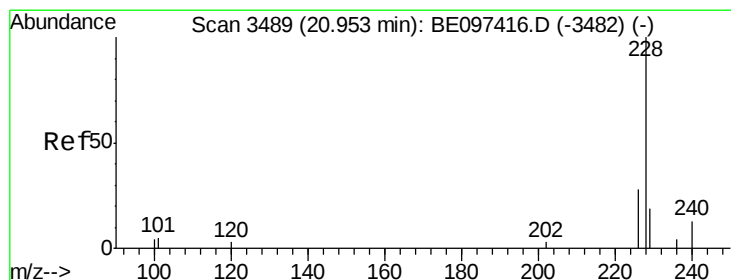
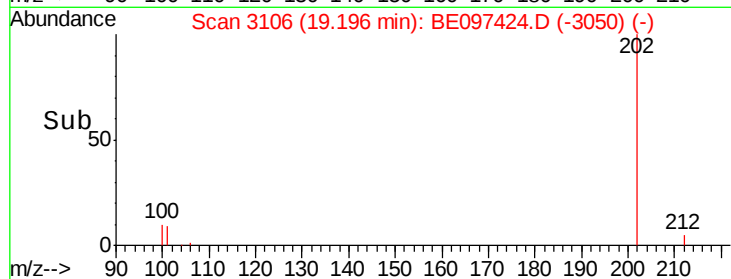
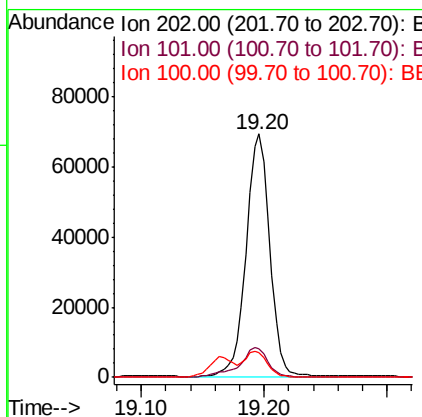
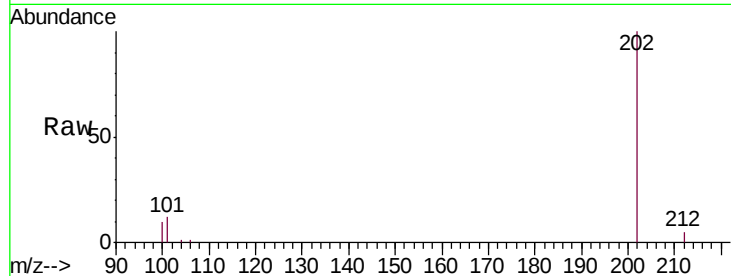
#17
Pyrene
Concen: 3.226 ng/ul
RT: 19.20 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE097424.D
Acq: 7 Sep 2018 14:34

Instrument :
BNA_E
ClientSampleId :
A3Z23

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.9	18.2	27.4#
100	10.1	15.6	23.4#

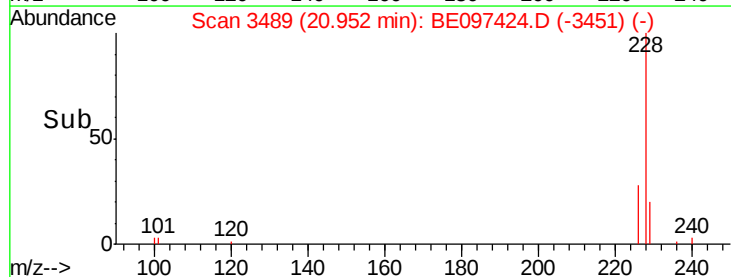
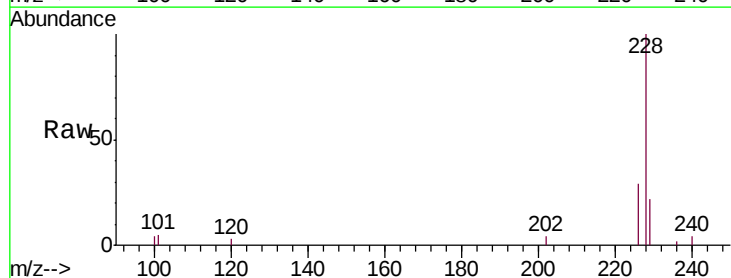
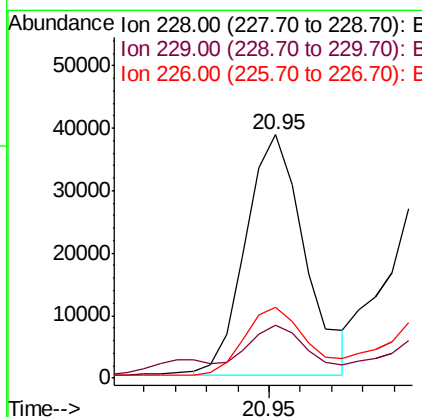
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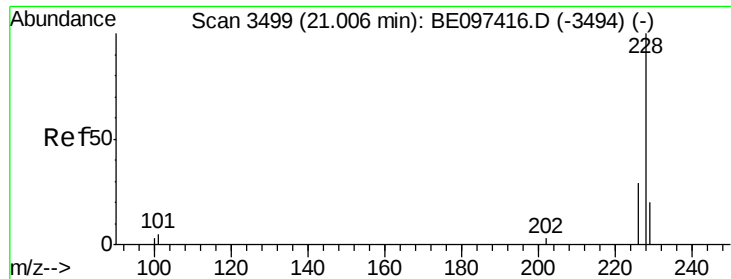
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#18
Benzo(a)anthracene
Concen: 1.869 ng/ul m
RT: 20.95 min Scan# 3489
Delta R.T. -0.00 min
Lab File: BE097424.D
Acq: 7 Sep 2018 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.7	22.8	34.2#
226	29.1	17.0	25.6#





#19

Chrysene

Concen: 1.802 ng/ul

RT: 21.00 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Instrument :

BNA_E

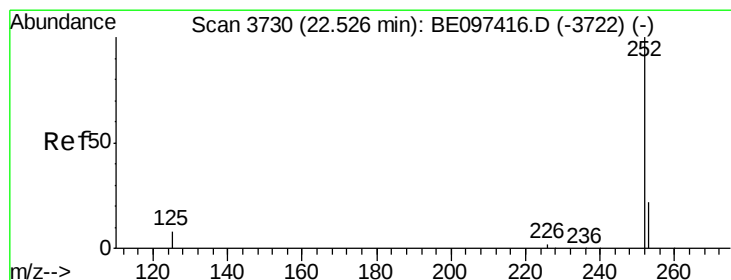
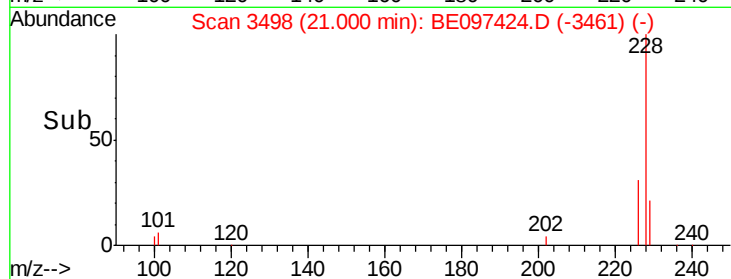
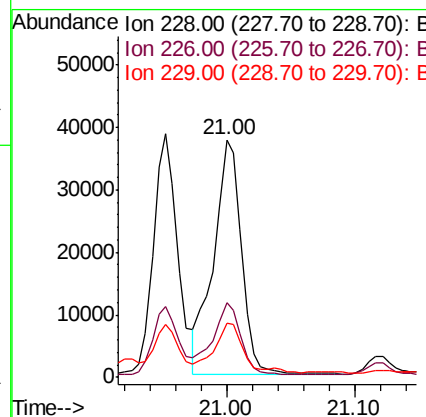
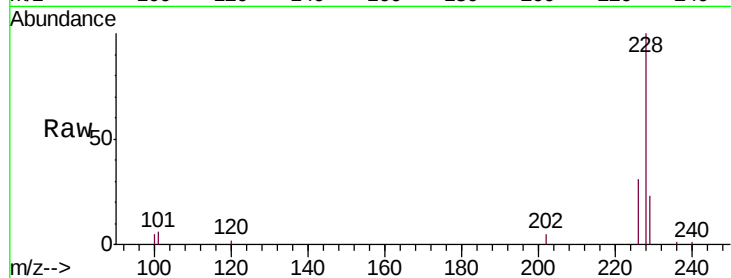
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.0
229	22.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.785 ng/ul m

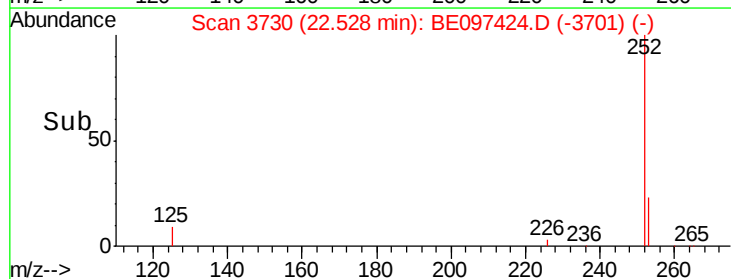
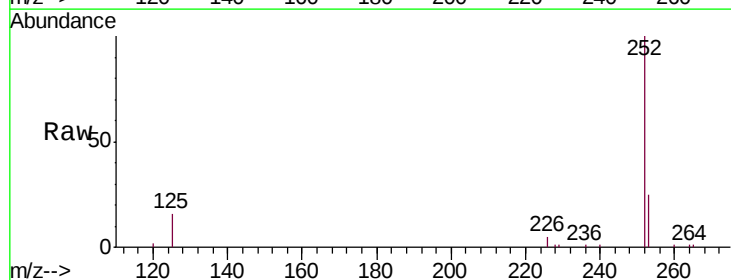
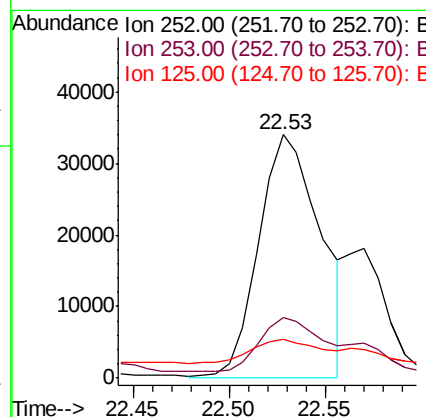
RT: 22.53 min Scan# 3730

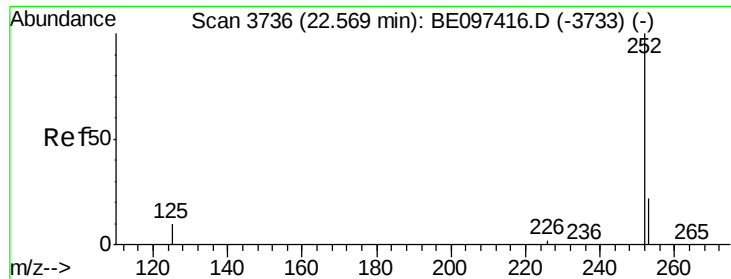
Delta R.T. 0.00 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	64.2
125	15.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.828 ng/ul m

RT: 22.57 min Scan# 3736

Delta R.T. 0.00 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Instrument :

BNA_E

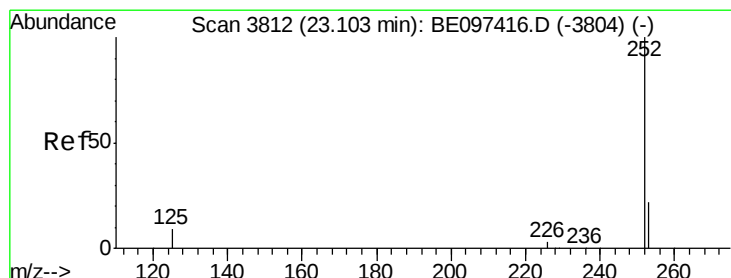
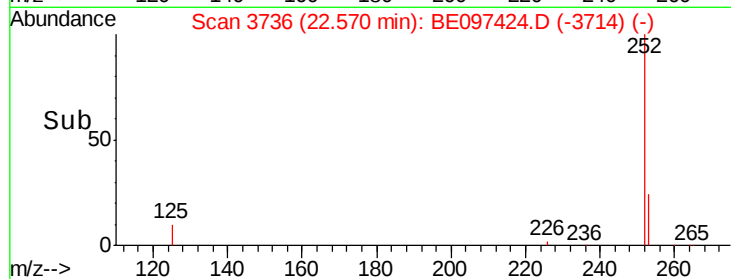
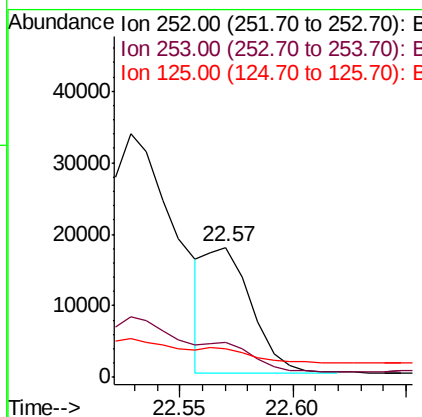
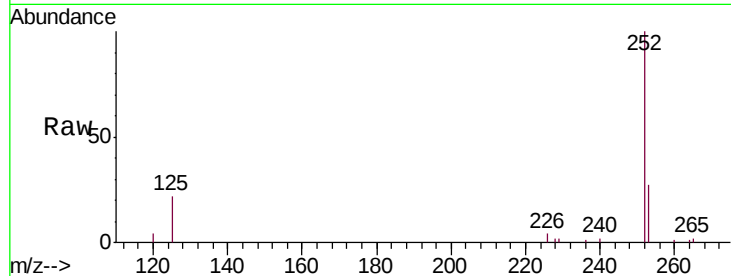
ClientSampleId :

A3Z23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	24.5	36.7
125	22.0	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.811 ng/ul m

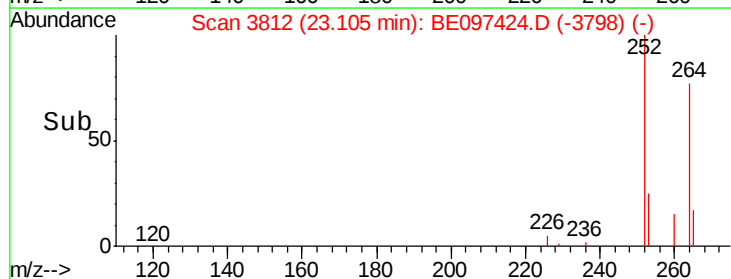
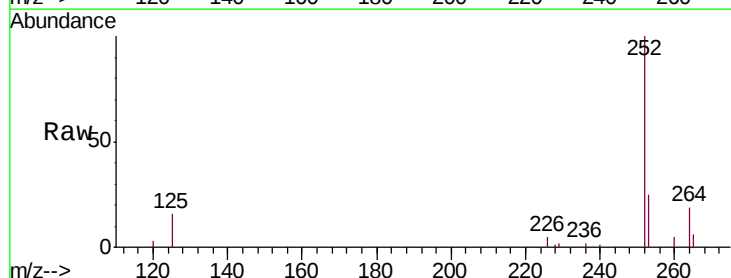
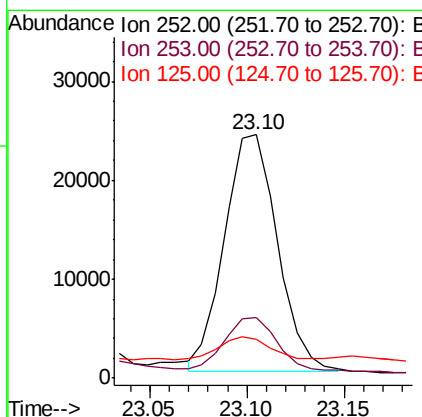
RT: 23.10 min Scan# 3812

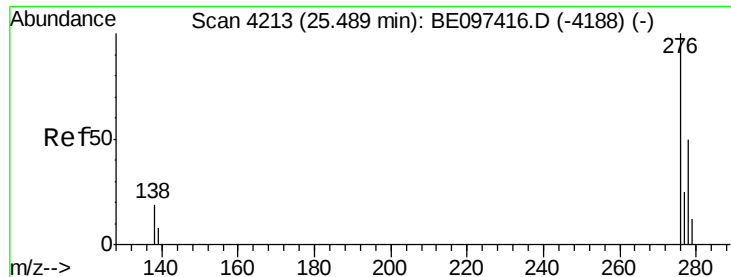
Delta R.T. 0.00 min

Lab File: BE097424.D

Acq: 7 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	28.5	42.7#
125	15.7	18.1	27.1#





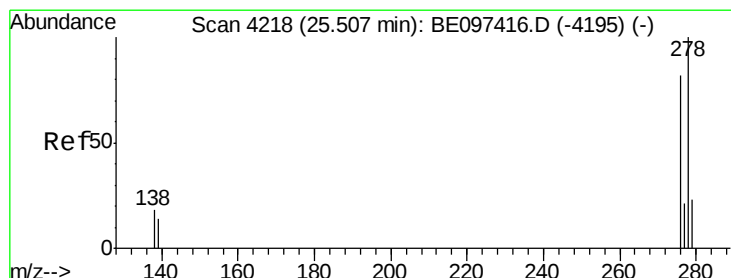
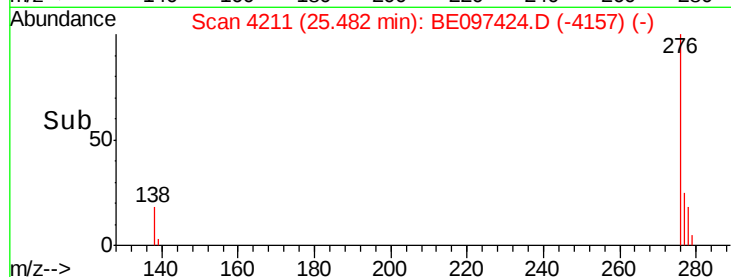
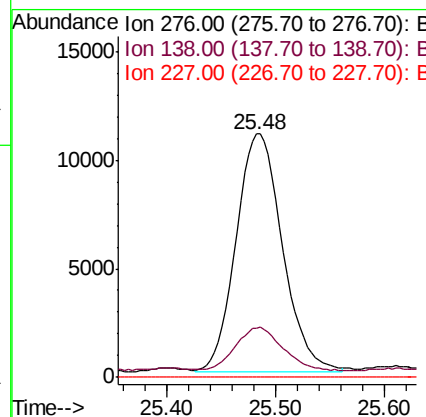
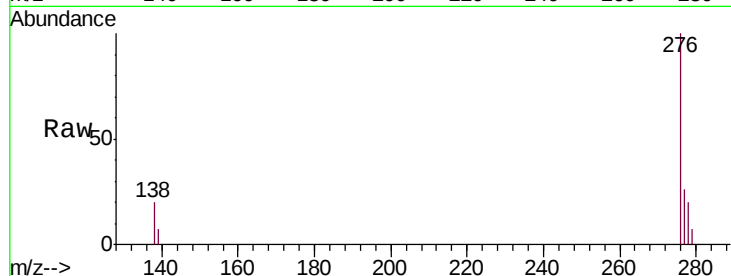
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.005 ng/ul m
 RT: 25.48 min Scan# 4211
 Delta R.T. -0.01 min
 Lab File: BE097424.D
 Acq: 7 Sep 2018 14:34

Instrument :
 BNA_E
 ClientSampleId :
 A3Z23

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	2.3	28.0	42.0#
227	0.0	8.0	12.0#

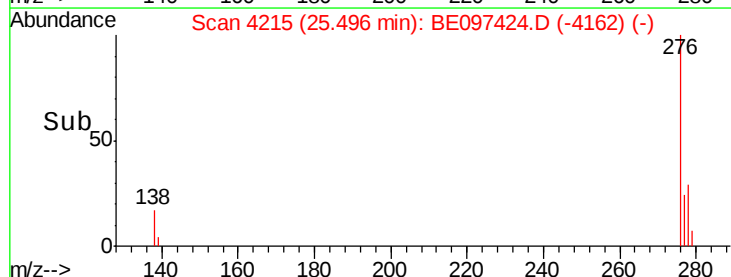
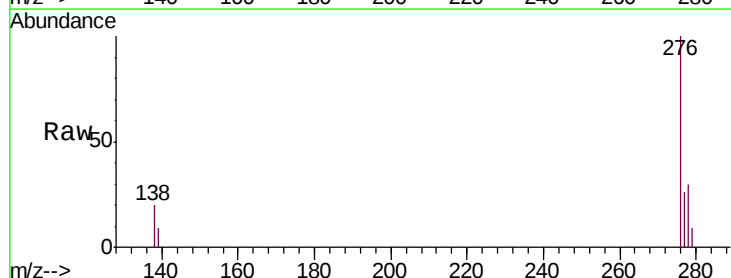
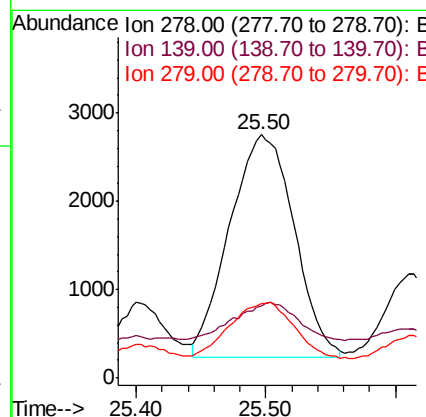
Manual Integrations
 APPROVED

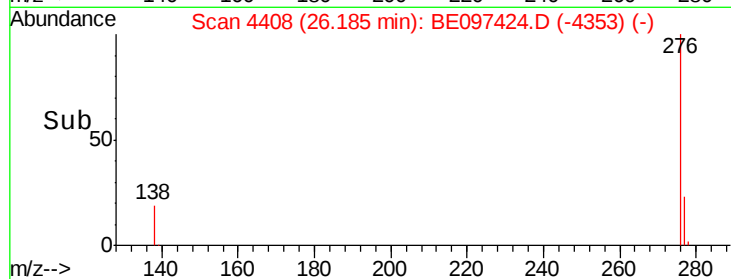
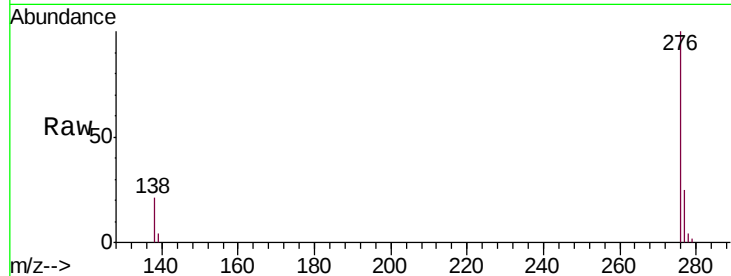
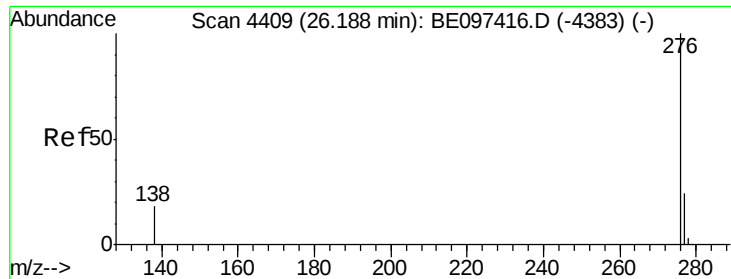
Sohil
 9/11/2018 2:42:55 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.317 ng/ul m
 RT: 25.50 min Scan# 4215
 Delta R.T. -0.01 min
 Lab File: BE097424.D
 Acq: 7 Sep 2018 14:34

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	29.7	17.4	26.0#
279	30.5	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 1.103 ng/ul m
RT: 26.18 min Scan# 4408
Delta R.T. -0.00 min
Lab File: BE097424.D
Acq: 7 Sep 2018 14:34

Instrument :
BNA_E
ClientSampleId :
A3Z23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	21.8	32.8#
277	24.8	20.5	30.7

Manual Integrations
APPROVED

Sohil
9/11/2018 2:42:55 PM

