

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080918\
 Data File : BE097249.D
 Acq On : 9 Aug 2018 14:00
 Operator : SJ/JU
 Sample : J4268-15DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleID :
 C0AC7DL

Manual Integrations
 APPROVED

Sohil
 8/10/2018 2:50:23 PM

Quant Time: Aug 09 16:26:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1177	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6313	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3604	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8395	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	8947	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	9703	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	400	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	976	0.03	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.18	128	5119	0.335	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	974	0.096	ng/ul	99
7) Acenaphthylene	13.73	152	2808	0.180	ng/ul	100
8) Acenaphthene	14.08	153	621	0.055	ng/ul#	91
9) Fluorene	15.08	166	1772	0.137	ng/ul	94
12) Phenanthrene	16.81	178	39052	1.825	ng/ul#	89
13) Anthracene	16.90	178	7286	0.365	ng/ul#	92
15) Fluoranthene	18.84	202	103153	3.647	ng/ul	84
17) Pyrene	19.20	202	85494	3.566	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	41539	1.625	ng/ul#	83
19) Chrysene	21.01	228	51693	1.962	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	81012m	3.063	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	23367m	0.819	ng/ul	
23) Benzo(a)pyrene	23.11	252	49543	1.872	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	43225	1.305	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.52	278	9093	0.336	ng/ul	91
26) Benzo(a,h,i)perylene	26.20	276	41534	1.451	ng/ul#	91

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

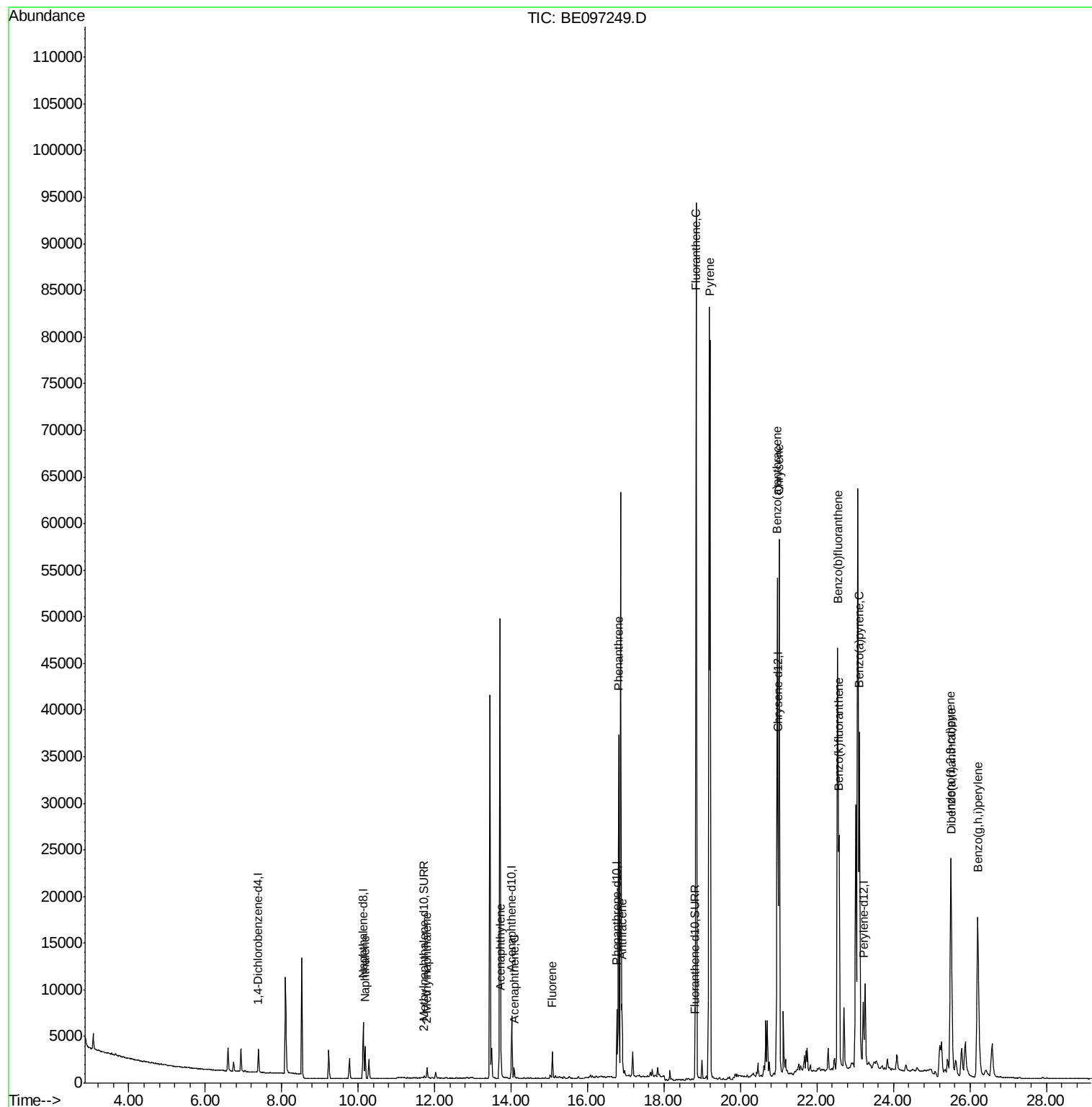
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080918\
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ALS Vial : 8 Sample Multiplier: 1

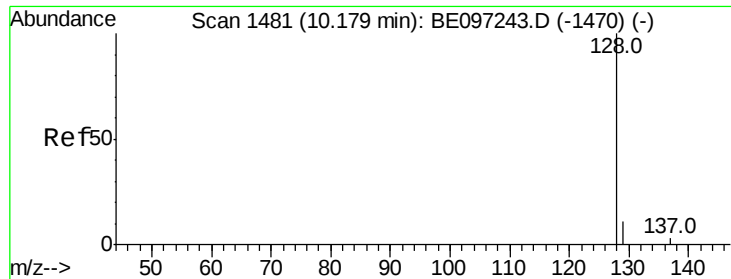
Instrument :
BNA_E
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
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#3

Naphthalene

Concen: 0.335 ng/ul

RT: 10.18 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE097249.D

Acq: 9 Aug 2018 14:00

Instrument :

BNA_E

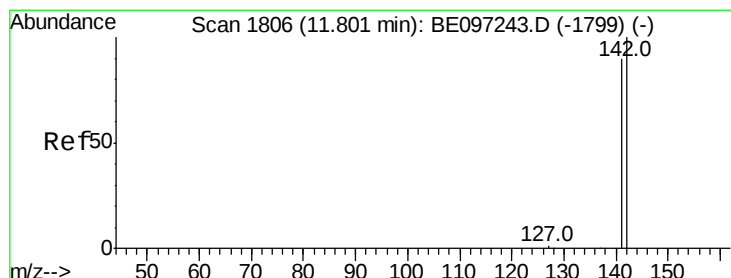
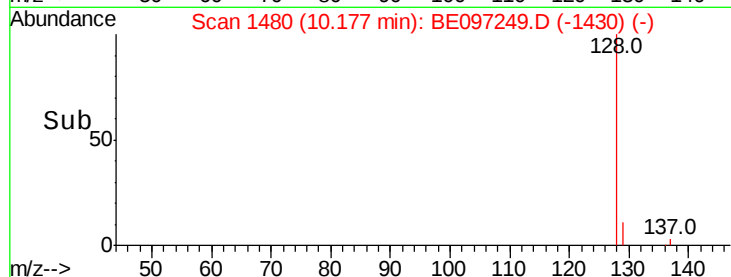
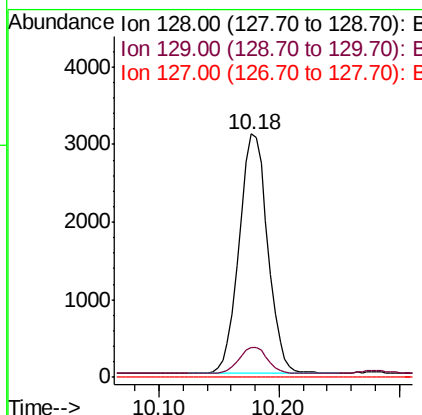
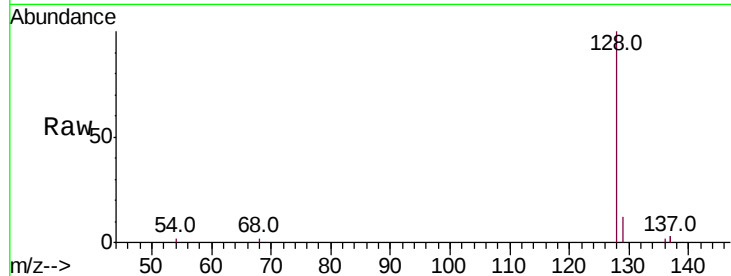
ClientSampleId :

C0AC7DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.096 ng/ul

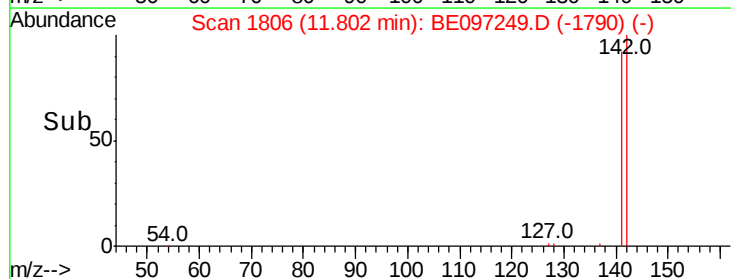
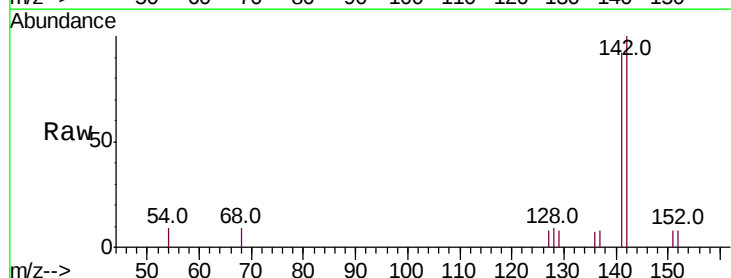
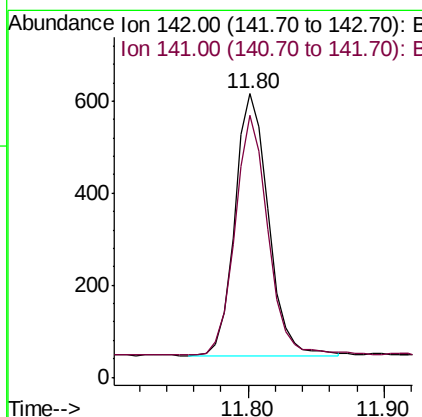
RT: 11.80 min Scan# 1806

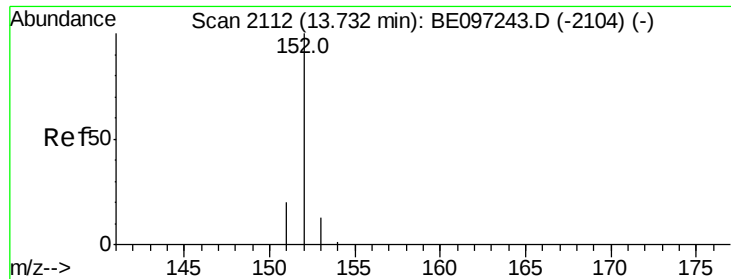
Delta R.T. 0.00 min

Lab File: BE097249.D

Acq: 9 Aug 2018 14:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.180 ng/ul

RT: 13.73 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BE097249.D

Acq: 9 Aug 2018 14:00

Instrument :

BNA_E

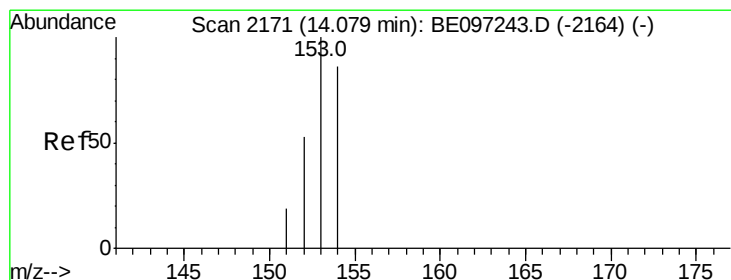
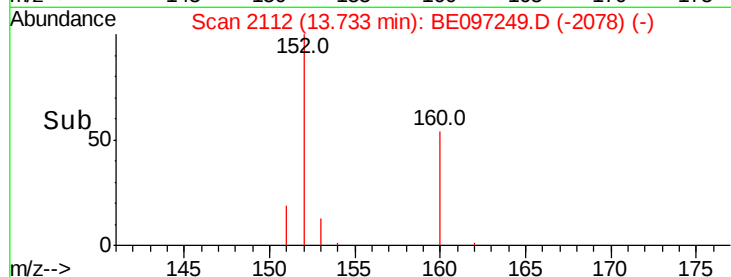
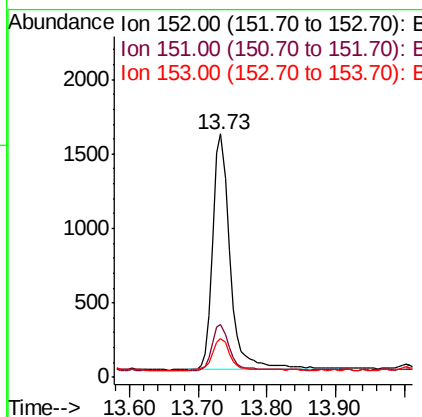
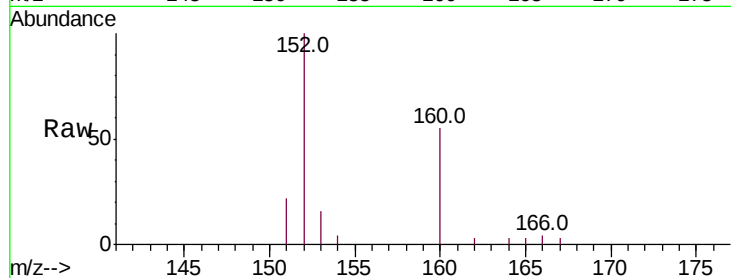
ClientSampleId :

C0AC7DL

Tot Ion:	152	Resp:	2808
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.1	25.7
153	16.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.055 ng/ul

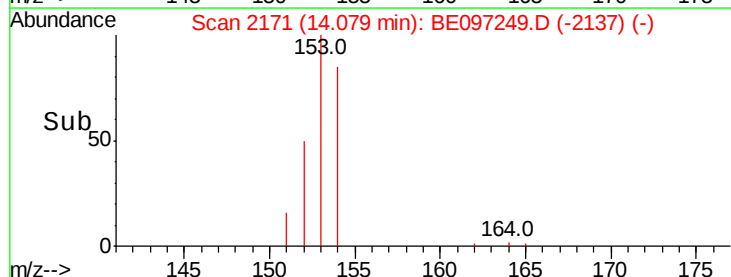
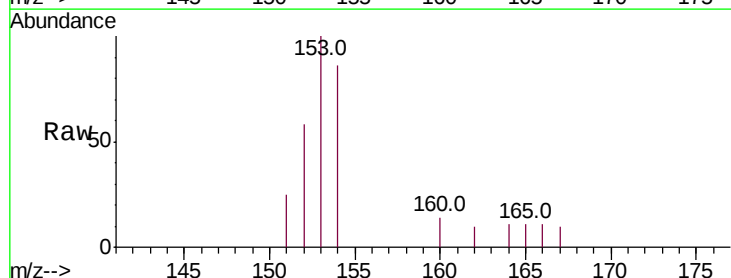
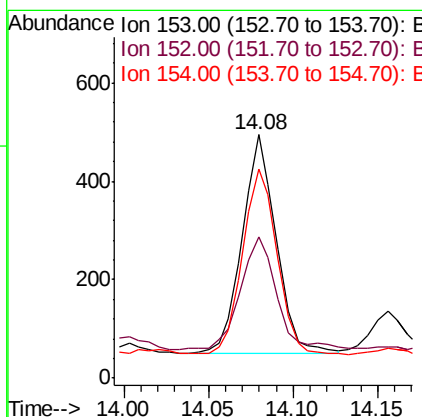
RT: 14.08 min Scan# 2171

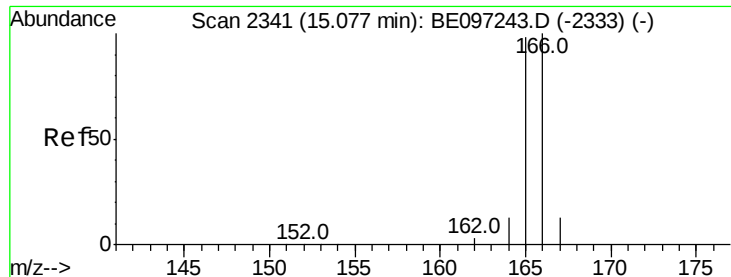
Delta R.T. 0.00 min

Lab File: BE097249.D

Acq: 9 Aug 2018 14:00

Tgt Ion:	153	Resp:	621
Ion Ratio	Lower	Upper	
153	100		
152	58.0	36.0	54.0#
154	86.1	72.0	108.0





#9

Fluorene

Concen: 0.137 ng/ul

RT: 15.08 min Scan# 2341

Delta R.T. 0.00 min

Lab File: BE097249.D

Acq: 9 Aug 2018 14:00

Instrument :

BNA_E

ClientSampleId :

C0AC7DL

Tot Ion:166 Resp: 1772

Ion Ratio Lower Upper

166 100

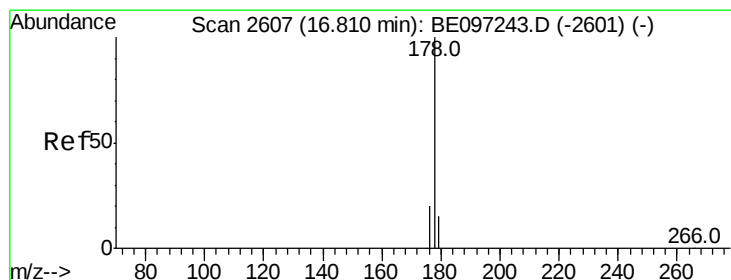
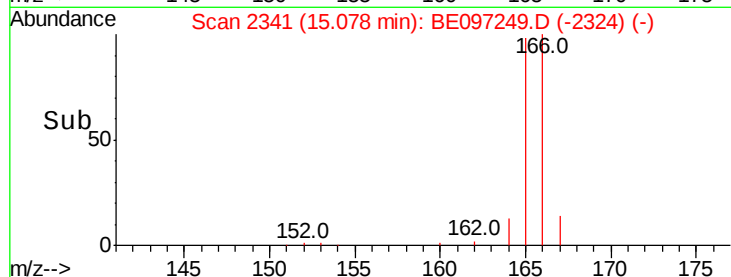
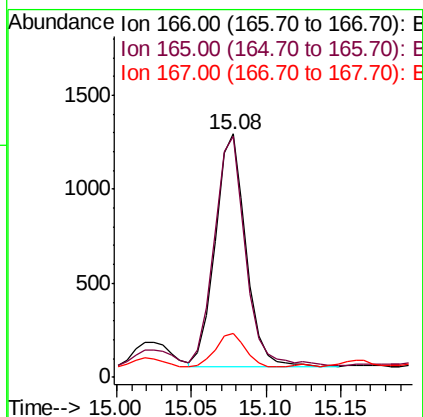
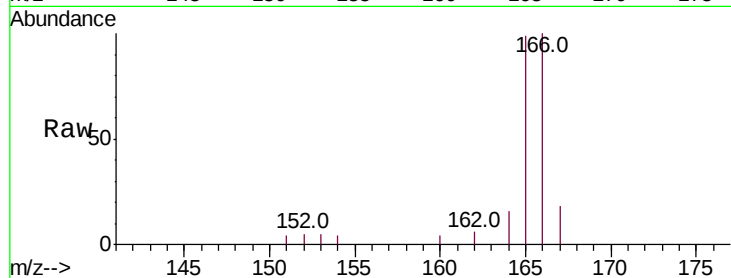
165 98.9 73.4 110.2

167 18.0 14.6 22.0

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#12

Phenanthrene

Concen: 1.825 ng/ul

RT: 16.81 min Scan# 2607

Delta R.T. 0.00 min

Lab File: BE097249.D

Acq: 9 Aug 2018 14:00

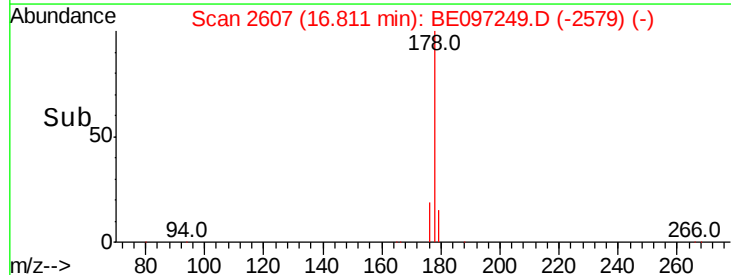
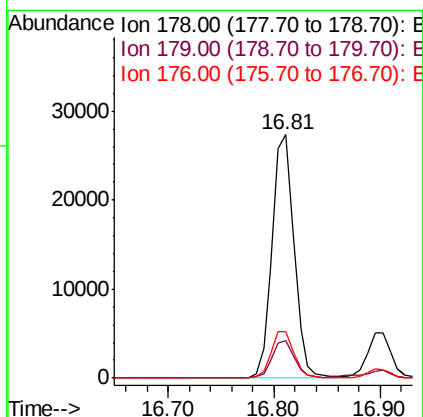
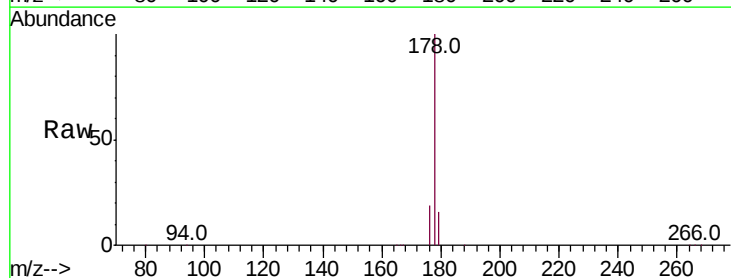
Tgt Ion:178 Resp: 39052

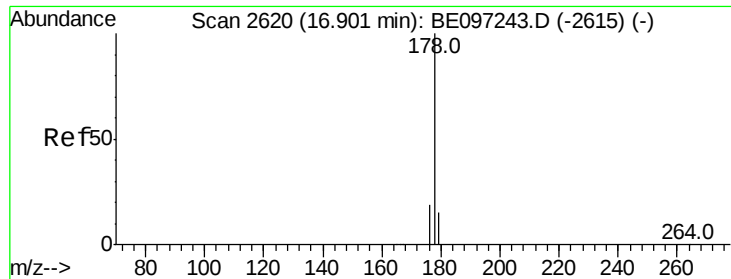
Ion Ratio Lower Upper

178 100

179 15.6 18.4 27.6#

176 19.1 13.6 20.4





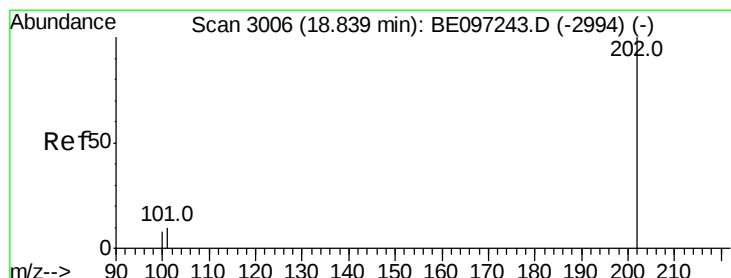
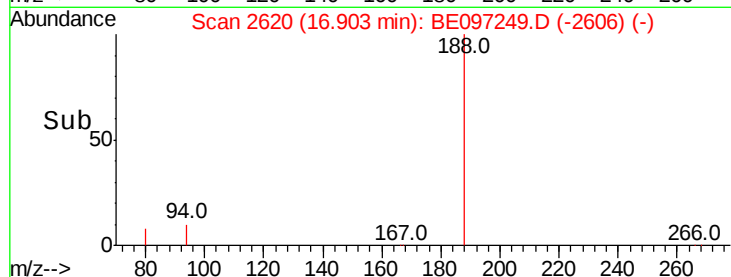
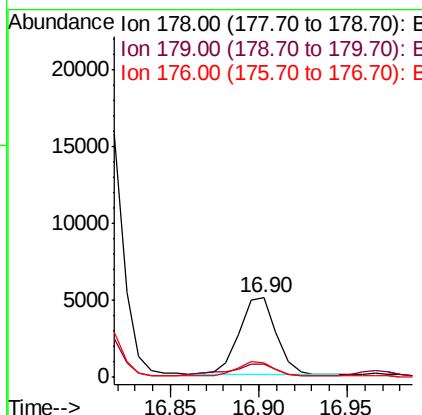
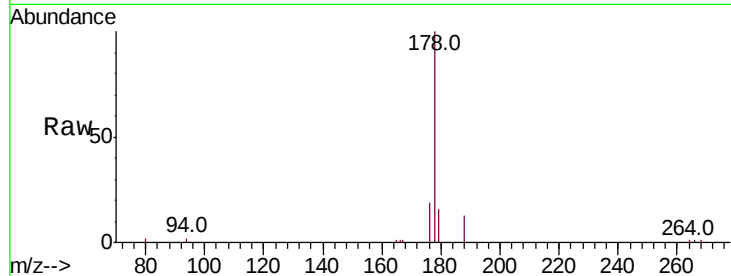
#13
 Anthracene
 Concen: 0.365 ng/ul
 RT: 16.90 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BE097249.D
 Acq: 9 Aug 2018 14:00

Instrument :
 BNA_E
 ClientSampleId :
 C0AC7DL

Tot Ion:178 Resp: 7286
 Ion Ratio Lower Upper
 178 100
 179 16.4 18.1 27.1#
 176 19.0 14.7 22.1

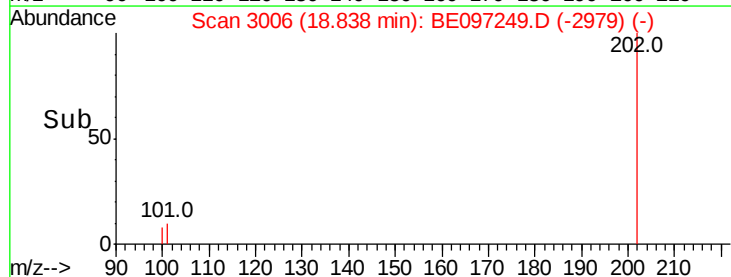
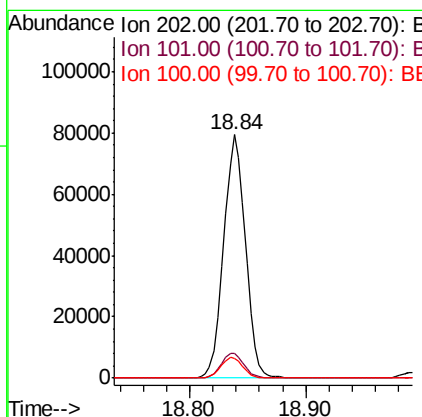
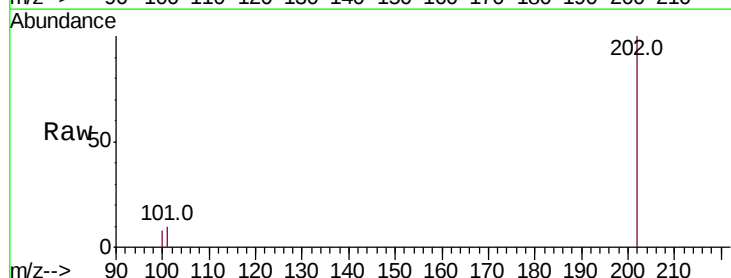
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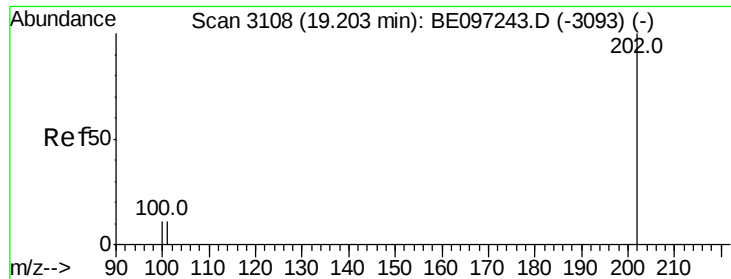
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#15
 Fluoranthene
 Concen: 3.647 ng/ul
 RT: 18.84 min Scan# 3006
 Delta R.T. -0.00 min
 Lab File: BE097249.D
 Acq: 9 Aug 2018 14:00

Tgt Ion:202 Resp: 103153
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 30.3
 100 8.2 0.0 39.5





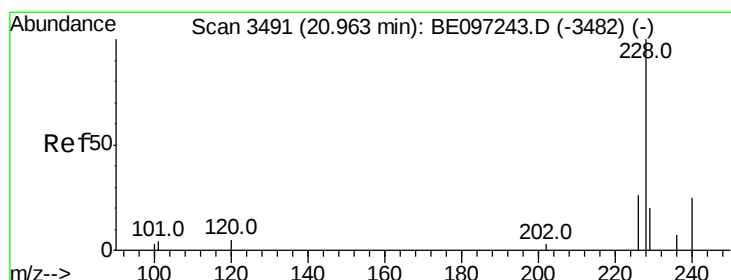
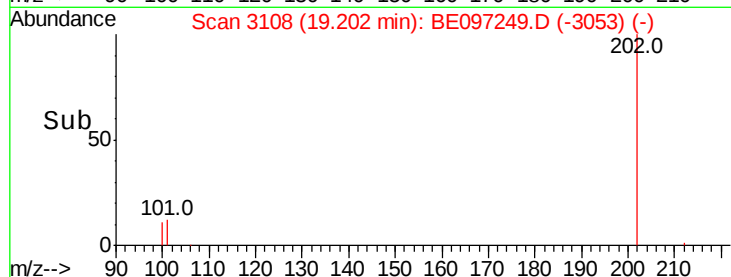
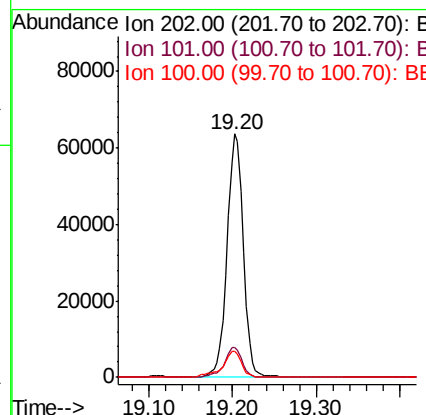
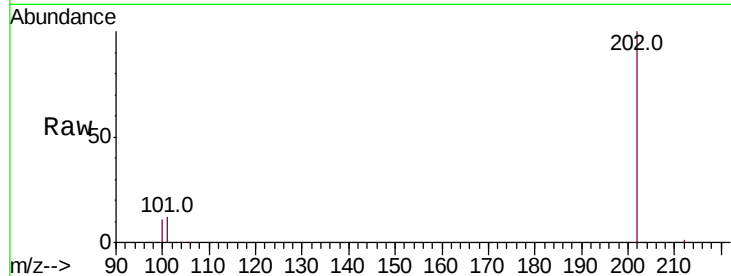
#17
Pvrene
Concen: 3.566 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BE097249.D
Acq: 9 Aug 2018 14:00

Instrument :
BNA_E
ClientSampleId :
C0AC7DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	10.9	15.6	23.4#

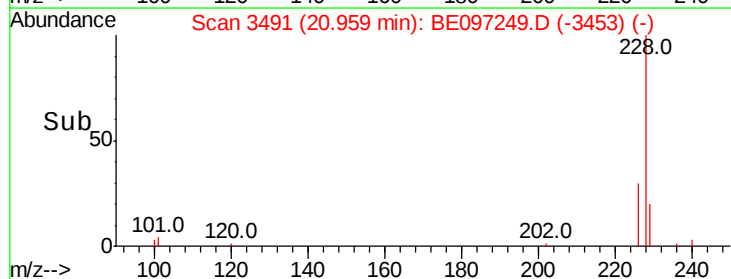
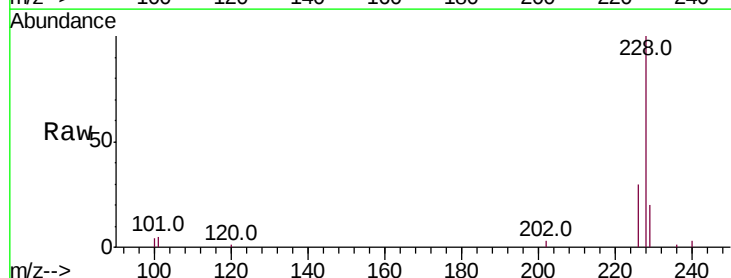
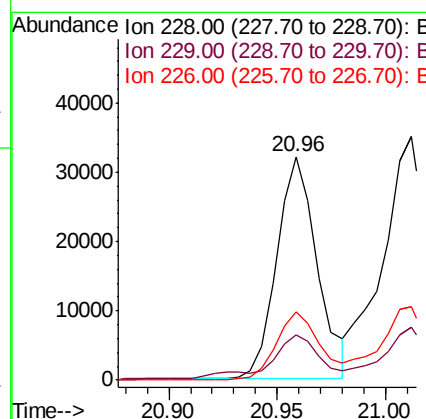
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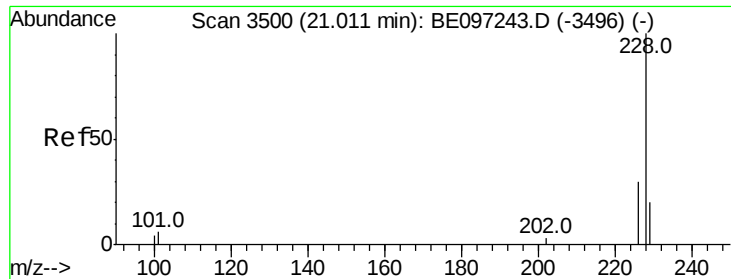
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#18
Benzo(a)anthracene
Concen: 1.625 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE097249.D
Acq: 9 Aug 2018 14:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	30.4	17.0	25.6#





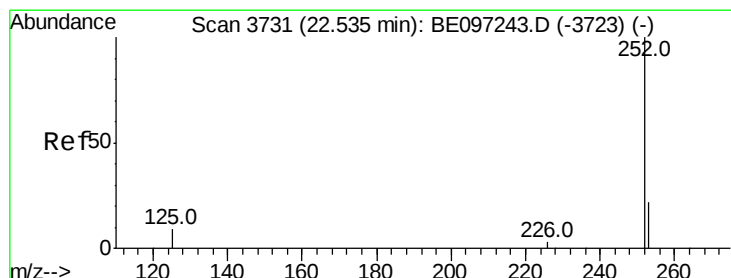
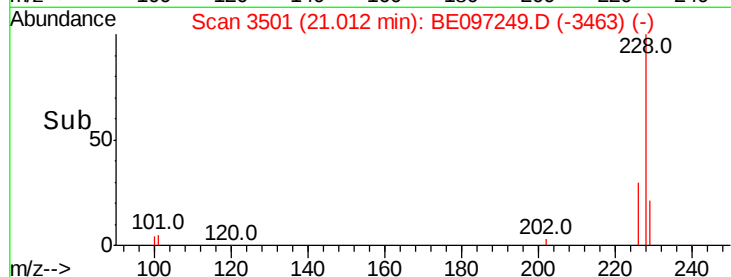
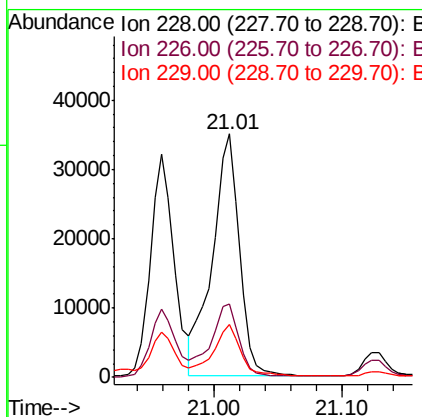
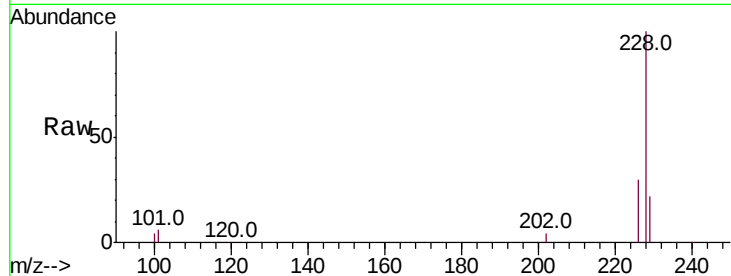
#19
Chrysene
Concen: 1.962 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE097249.D
Acq: 9 Aug 2018 14:00

Instrument :
BNA_E
ClientSampleId :
C0AC7DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	21.5	17.7	26.5

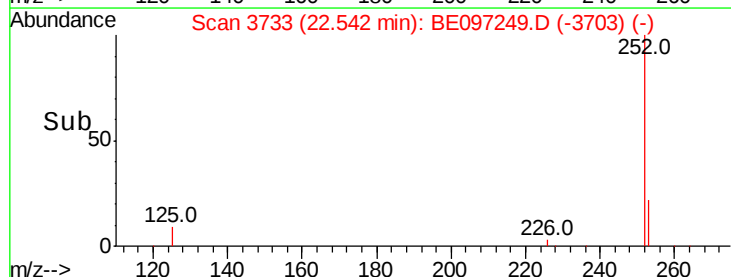
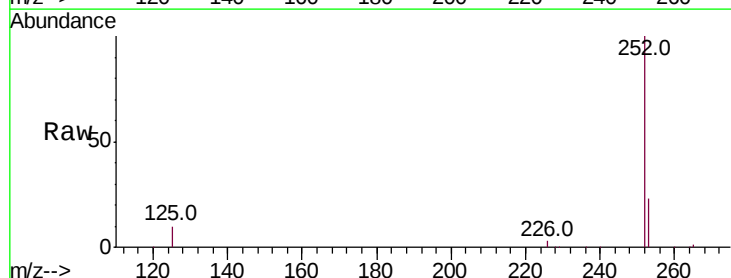
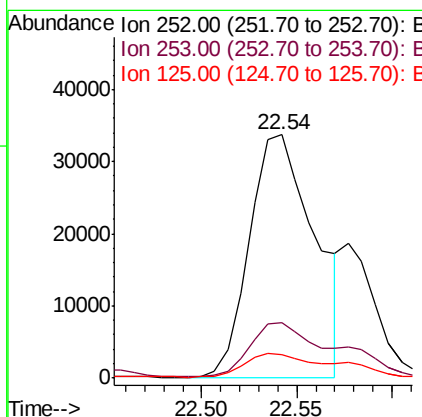
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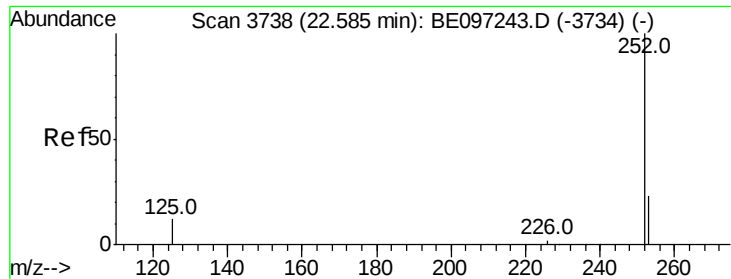
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#21
Benzo(b)fluoranthene
Concen: 3.063 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097249.D
Acq: 9 Aug 2018 14:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	64.2
125	9.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.819 ng/ul m

RT: 22.58 min Scan# 3738

Delta R.T. -0.01 min

Lab File: BE097249.D

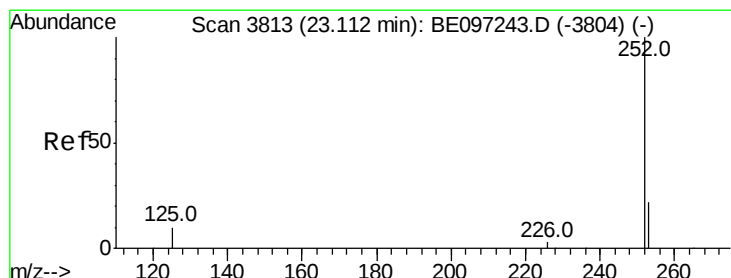
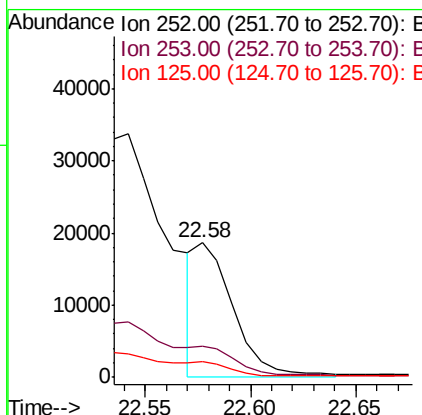
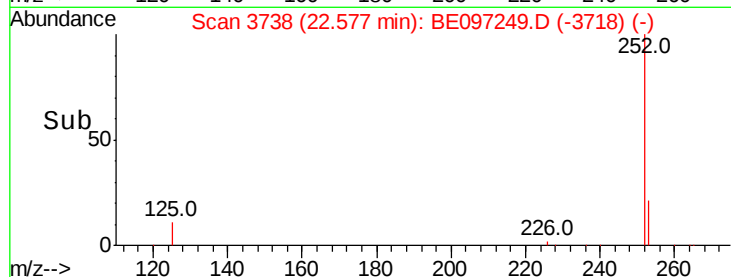
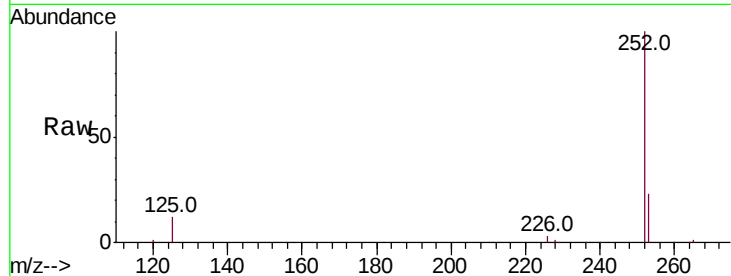
Acq: 9 Aug 2018 14:00

Instrument :
BNA_E
ClientSampleId :
C0AC7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	11.5	13.7	20.5#

Manual Integrations
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#23

Benzo(a)pyrene

Concen: 1.872 ng/ul

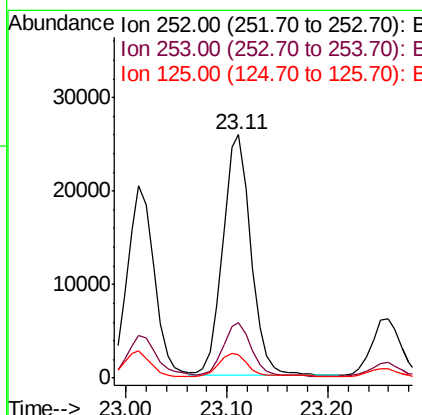
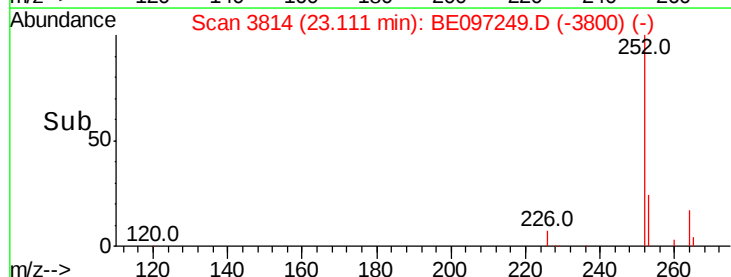
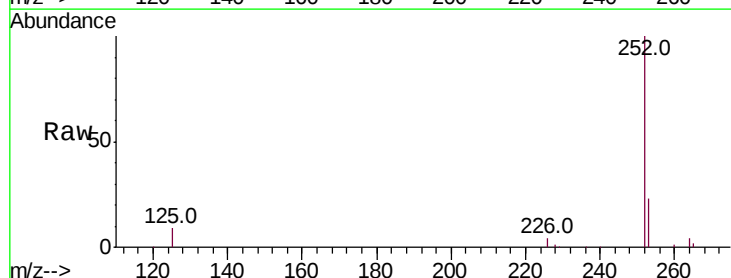
RT: 23.11 min Scan# 3814

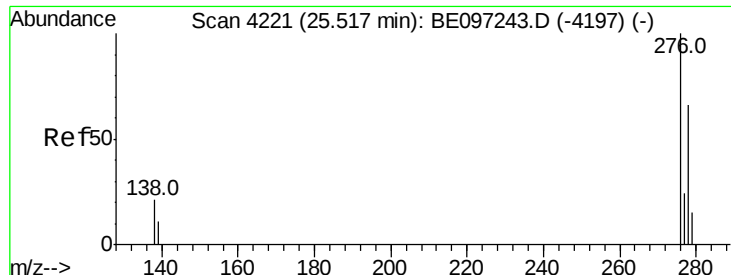
Delta R.T. 0.00 min

Lab File: BE097249.D

Acq: 9 Aug 2018 14:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	9.4	18.1	27.1#





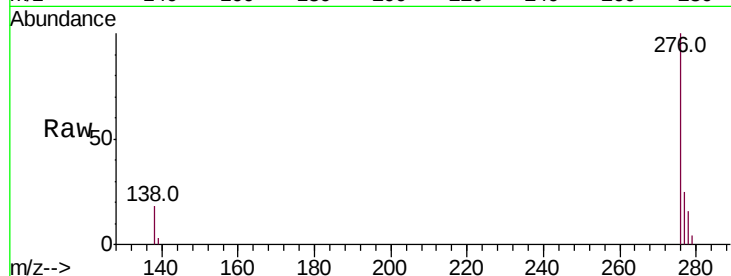
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.305 ng/uL
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.01 min
 Lab File: BE097249.D
 Acq: 9 Aug 2018 14:00

Instrument :
 BNA_E
 ClientSampleID :
 C0AC7DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	43225		
138	17.8		28.0	42.0#
227	0.0		8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 8/10/2018 2:50:23 PM

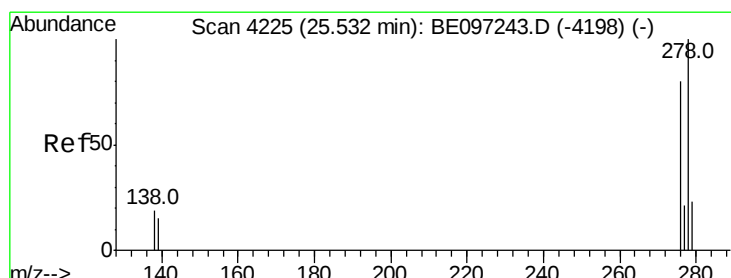
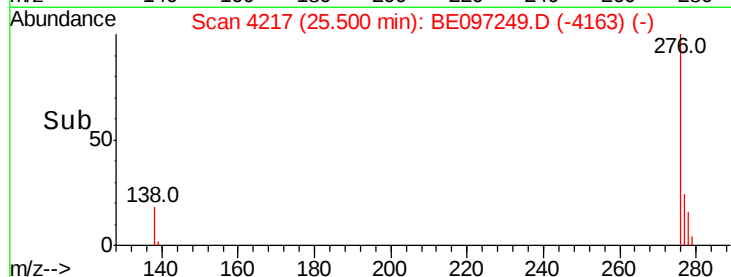
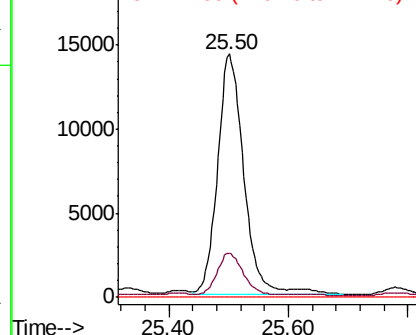


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25
 Dibenzo(a,h)anthracene
 Concen: 0.336 ng/uL
 RT: 25.52 min Scan# 4222
 Delta R.T. -0.01 min
 Lab File: BE097249.D
 Acq: 9 Aug 2018 14:00

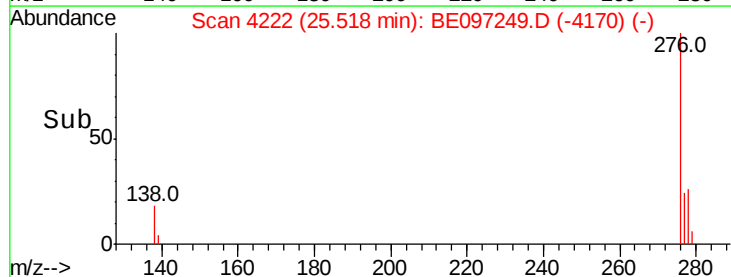
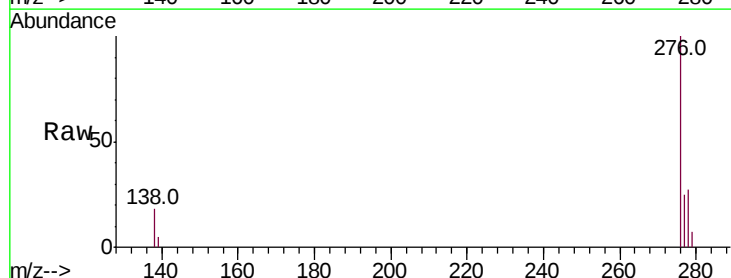
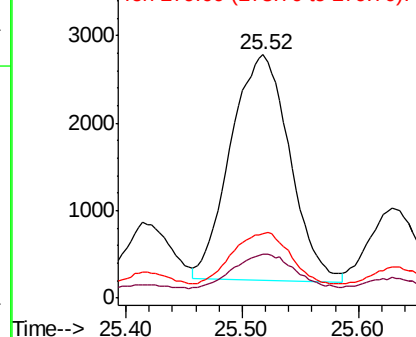
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	9093		
139	18.2		17.4	26.0
279	26.4		25.9	38.9

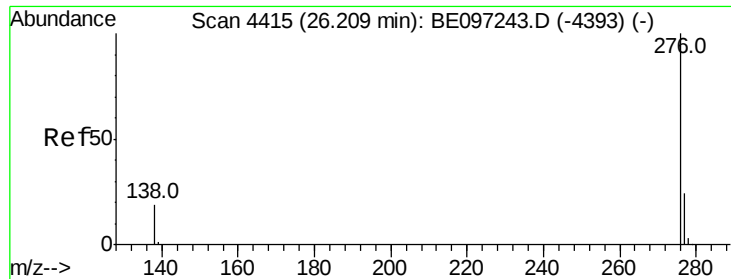
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(a,h,i)perylene
 Concen: 1.451 ng/ul
 RT: 26.20 min Scan# 4414
 Delta R.T. -0.00 min
 Lab File: BE097249.D
 Acq: 9 Aug 2018 14:00

Instrument :
 BNA_E
 ClientSampleId :
 C0AC7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	21.8	32.8#
277	24.6	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 8/10/2018 2:50:23 PM

