

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070918\
 Data File : BE096882.D
 Acq On : 9 Jul 2018 15:43
 Operator : SJ/JU
 Sample : J3721-10DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H21DL

Manual Integrations
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Quant Time: Jul 09 17:03:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 07 07:26:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2917	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	15847	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	9518	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	23413	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	22484	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	27868	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	1763	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	4140	0.07	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.19	128	2449	0.064	ng/ul#	95
7) Acenaphthylene	13.74	152	6210	0.159	ng/ul	98
8) Acenaphthene	14.09	153	647	0.020	ng/ul#	91
12) Phenanthrene	16.82	178	3765	0.062	ng/ul#	90
13) Anthracene	16.91	178	4906	0.096	ng/ul	93
15) Fluoranthene	18.84	202	39909	0.621	ng/ul	84
17) Pyrene	19.21	202	91881	1.245	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	39277	0.741	ng/ul#	83
19) Chrysene	21.02	228	59355	0.864	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	133164m	1.751	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	47002m	0.566	ng/ul	
23) Benzo(a)pyrene	23.11	252	73614	1.144	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.50	276	47363	0.709	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.52	278	12300m	0.232	ng/ul	
26) Benzo(g,h,i)perylene	26.20	276	39617	0.611	ng/ul#	93

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

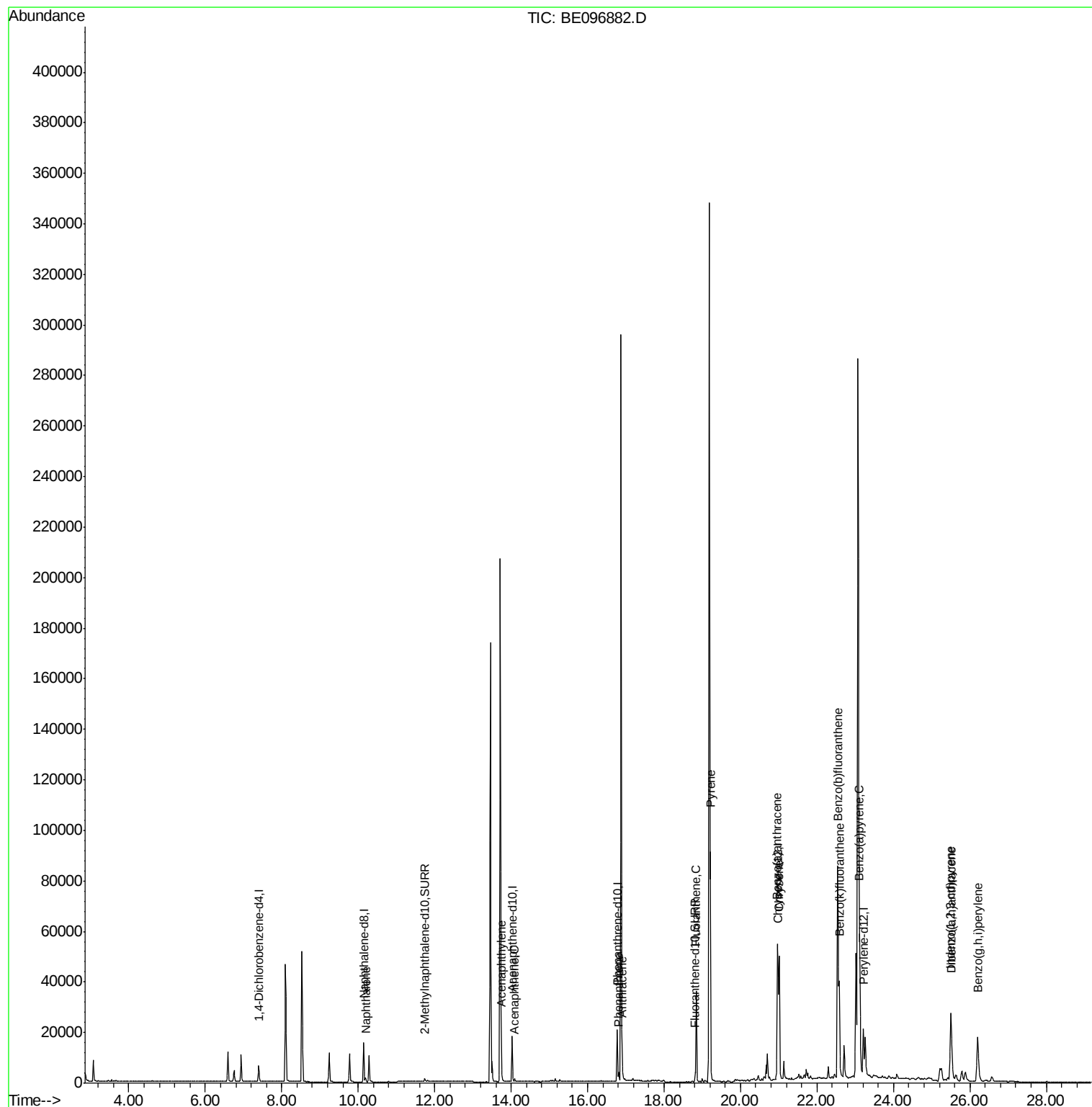
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070918\
Data File : BE096882.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

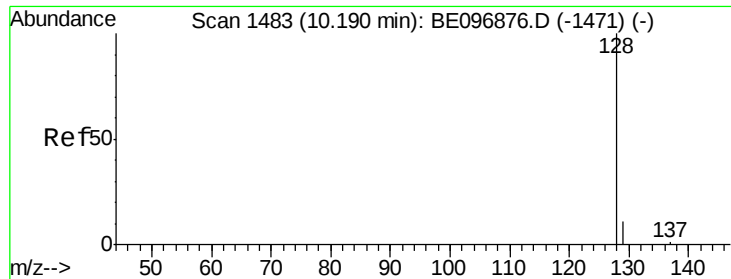
Instrument :
BNA_E
ClientSampleId :
F1H21DL

Quant Time: Jul 09 17:03:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.064 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE096882.D

Acq: 9 Jul 2018 15:43

Instrument :

BNA_E

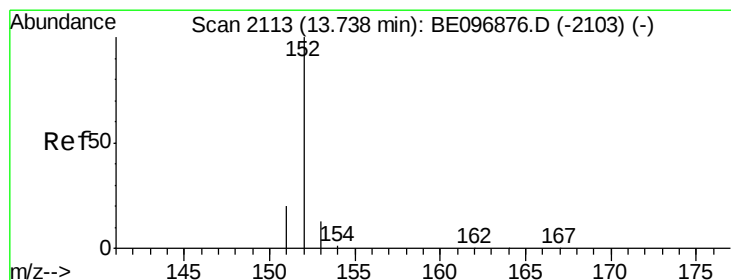
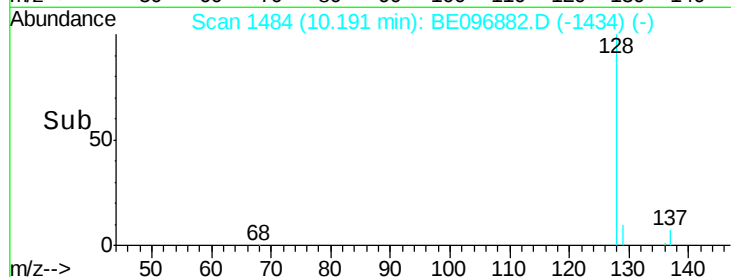
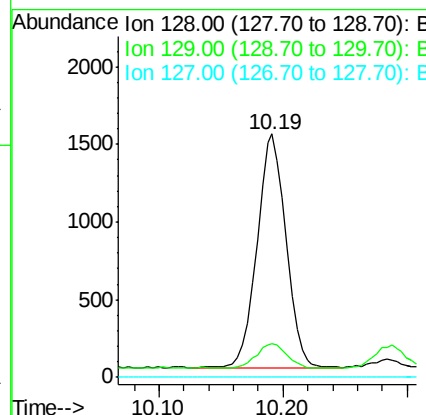
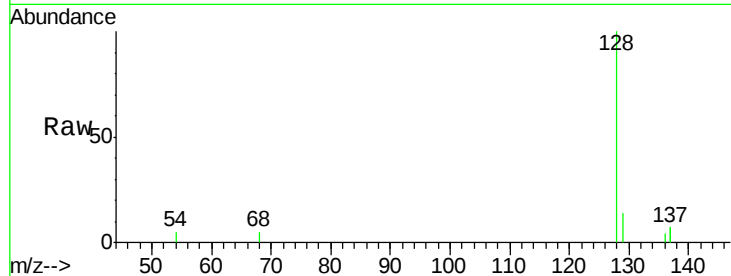
ClientSampleId :

F1H21DL

Tgt Ion:	128	Resp:	2449
Ion Ratio	Lower	Upper	
128	100		
129	13.8	11.3	16.9
127	0.0	4.0	6.0

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#7

Acenaphthylene

Concen: 0.159 ng/ul

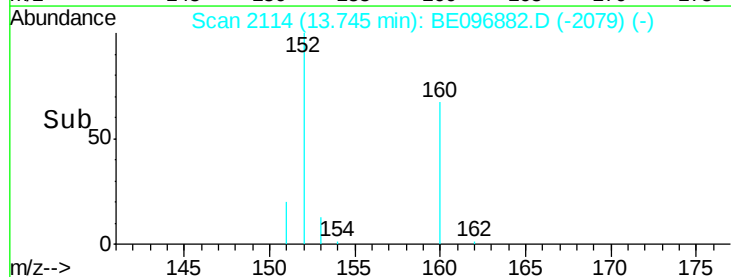
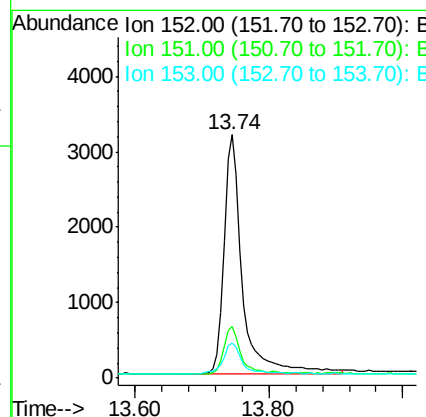
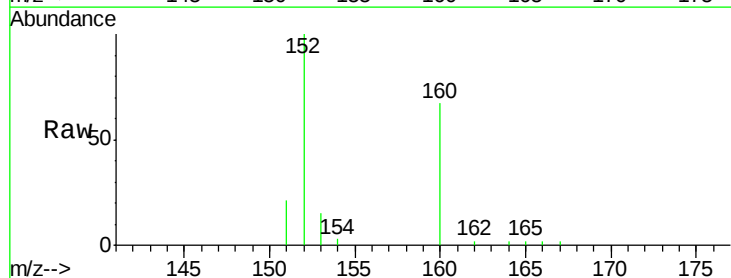
RT: 13.74 min Scan# 2114

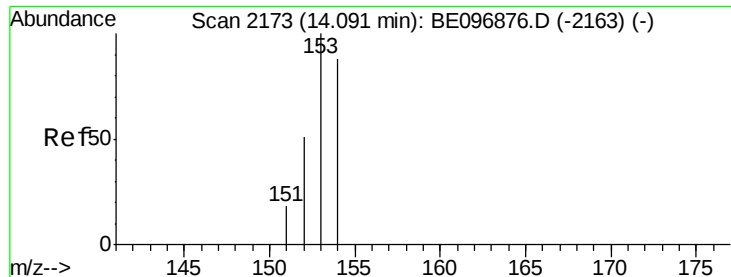
Delta R.T. 0.01 min

Lab File: BE096882.D

Acq: 9 Jul 2018 15:43

Tgt Ion:	152	Resp:	6210
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	14.6	12.8	19.2





#8

Acenaphthene

Concen: 0.020 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE096882.D

Acq: 9 Jul 2018 15:43

Instrument :

BNA_E

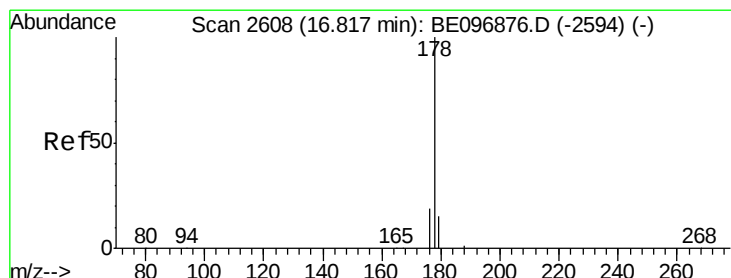
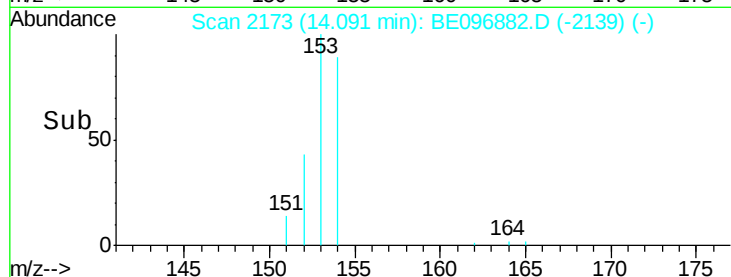
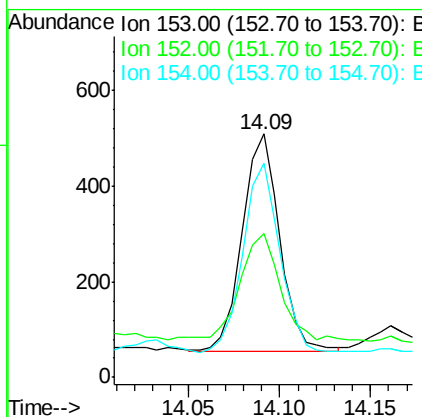
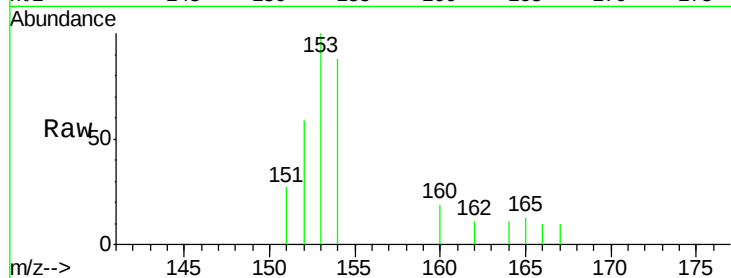
ClientSampleId :

F1H21DL

Tgt Ion:	153	Resp:	647
Ion	Ratio	Lower	Upper
153	100		
152	58.9	36.0	54.0#
154	87.8	72.0	108.0

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#12

Phenanthrene

Concen: 0.062 ng/ul

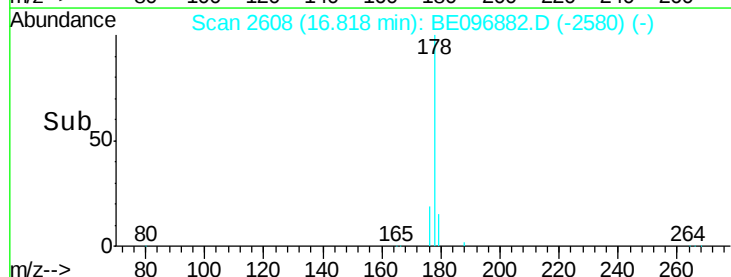
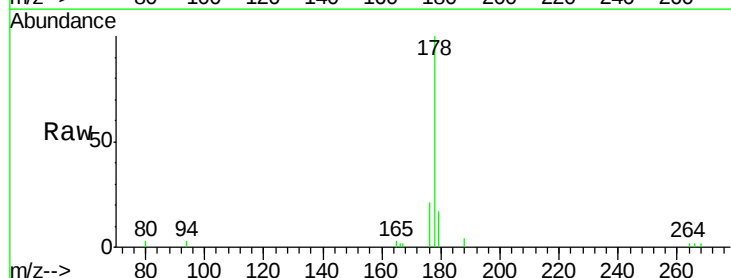
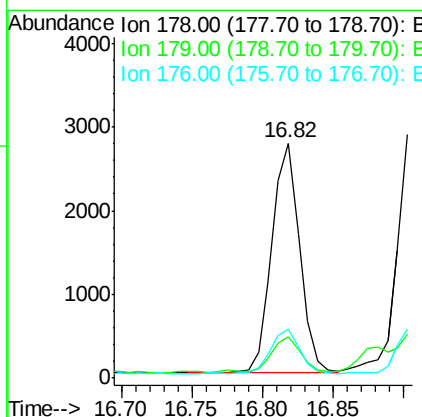
RT: 16.82 min Scan# 2608

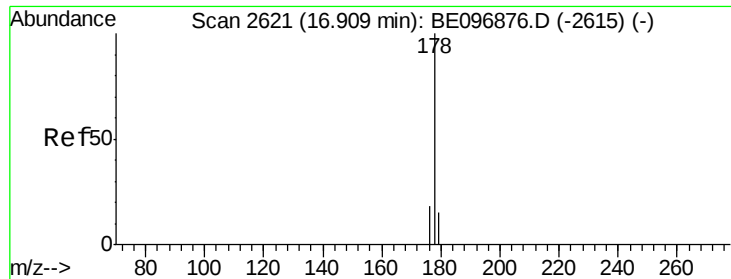
Delta R.T. -0.00 min

Lab File: BE096882.D

Acq: 9 Jul 2018 15:43

Tgt Ion:	178	Resp:	3765
Ion	Ratio	Lower	Upper
178	100		
179	17.5	18.4	27.6#
176	20.8	13.6	20.4#





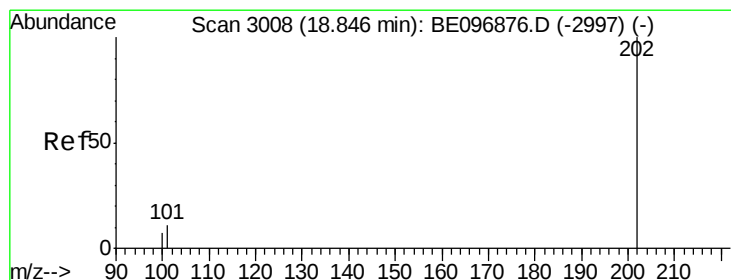
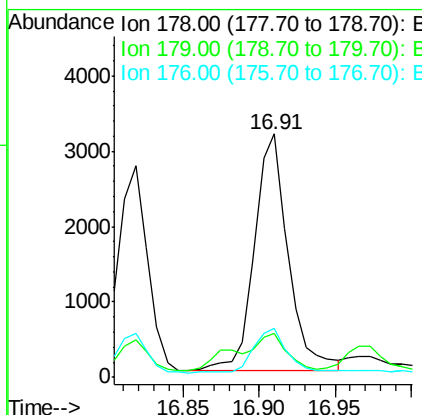
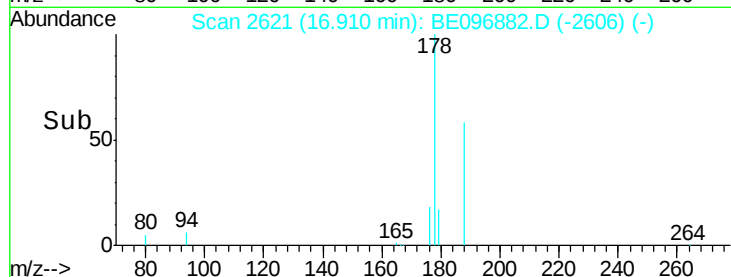
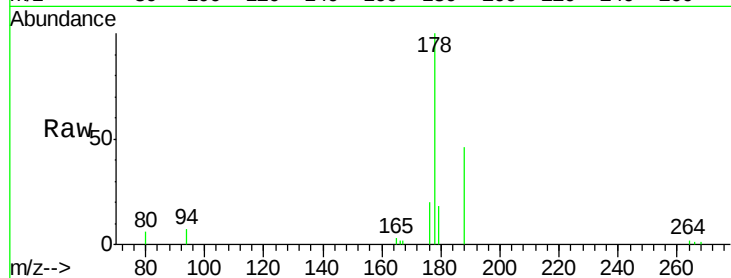
#13
 Anthracene
 Concen: 0.096 ng/ul
 RT: 16.91 min Scan# 2621
 Delta R.T. 0.01 min
 Lab File: BE096882.D
 Acq: 9 Jul 2018 15:43

Instrument :
 BNA_E
 ClientSampleId :
 F1H21DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.1	18.1	27.1
176	20.3	14.7	22.1

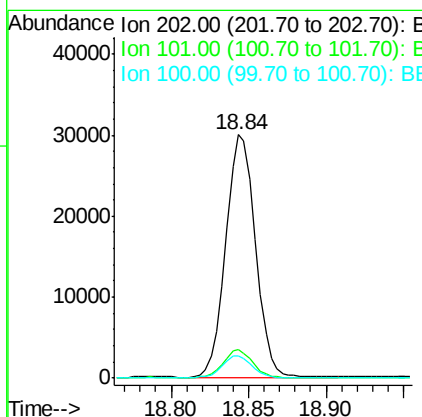
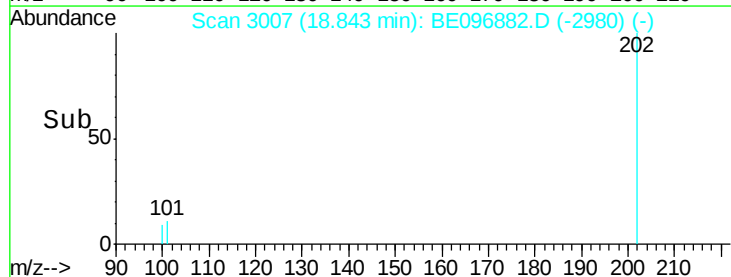
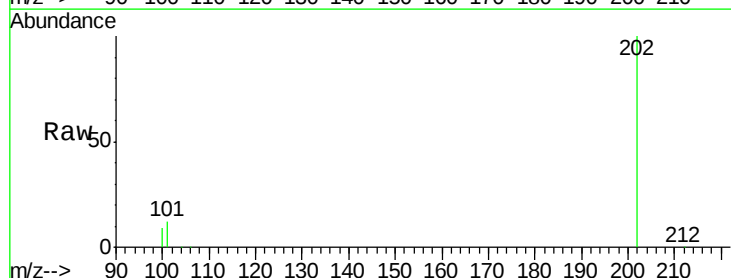
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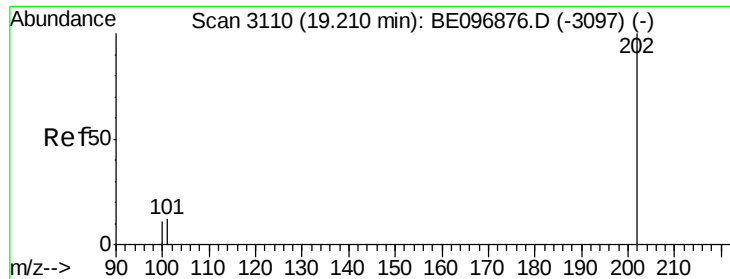
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#15
 Fluoranthene
 Concen: 0.621 ng/ul
 RT: 18.84 min Scan# 3007
 Delta R.T. -0.00 min
 Lab File: BE096882.D
 Acq: 9 Jul 2018 15:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
100	8.9	0.0	39.5





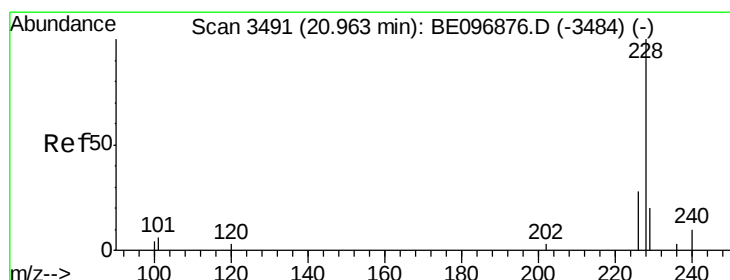
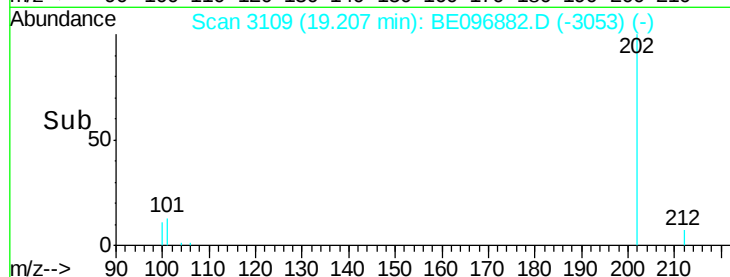
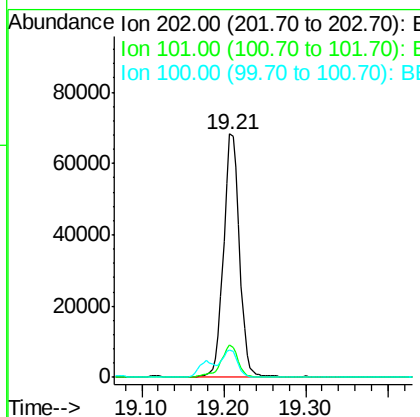
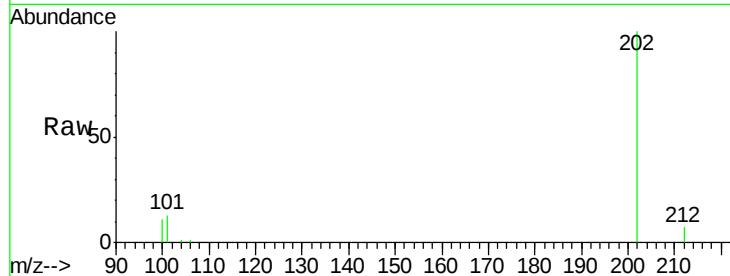
#17
Pyrene
Concen: 1.245 ng/ul
RT: 19.21 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BE096882.D
Acq: 9 Jul 2018 15:43

Instrument :
BNA_E
ClientSampleId :
F1H21DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	18.2	27.4#
100	11.4	15.6	23.4#

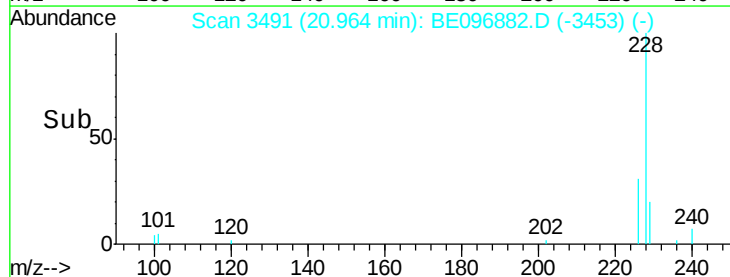
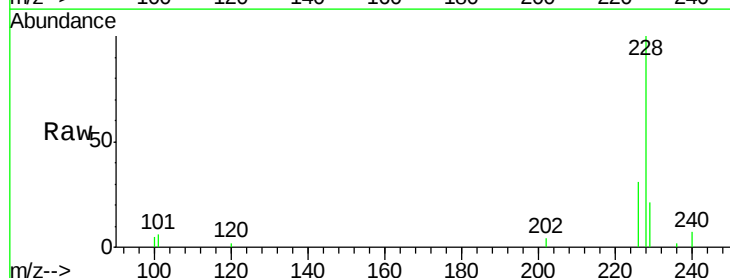
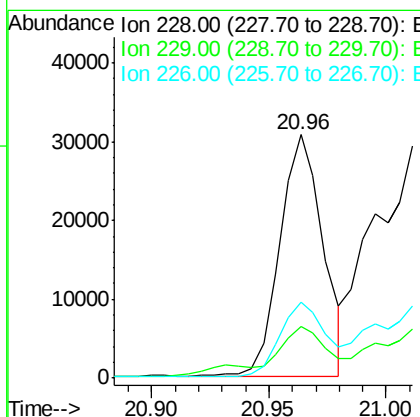
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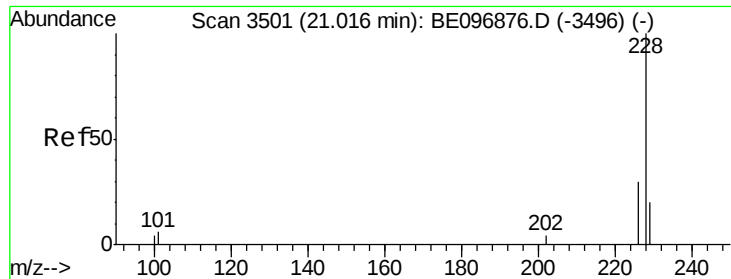
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#18
Benzo(a)anthracene
Concen: 0.741 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE096882.D
Acq: 9 Jul 2018 15:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	22.8	34.2#
226	31.2	17.0	25.6#





#19

Chrysene

Concen: 0.864 ng/ul

RT: 21.02 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BE096882.D

Acq: 9 Jul 2018 15:43

Instrument :

BNA_E

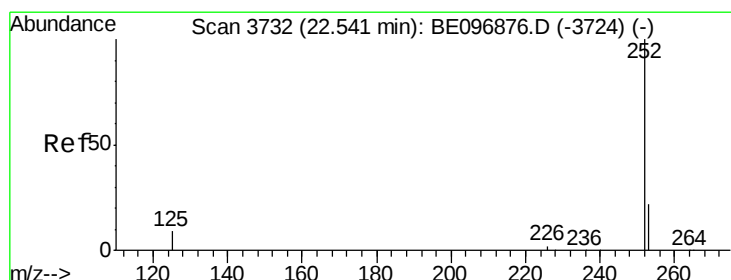
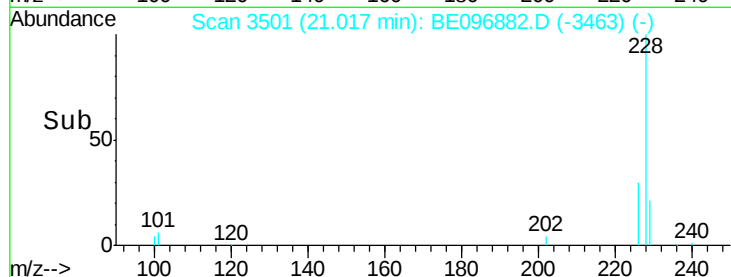
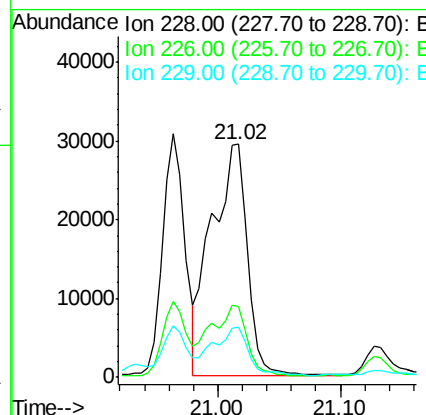
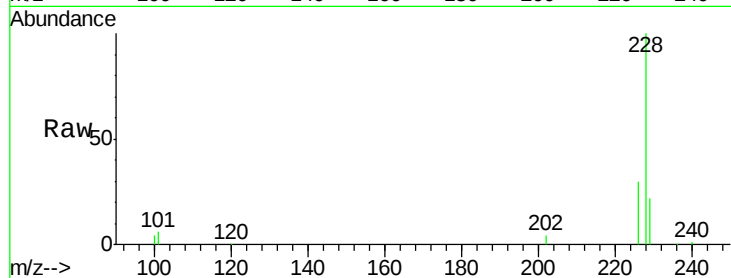
ClientSampleId :

F1H21DL

Tgt Ion:	228	Resp:	59355
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	21.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.751 ng/ul m

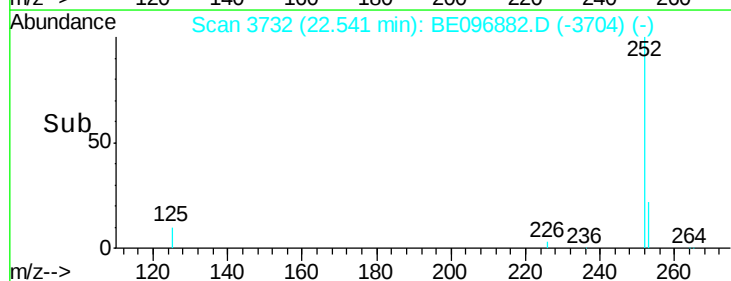
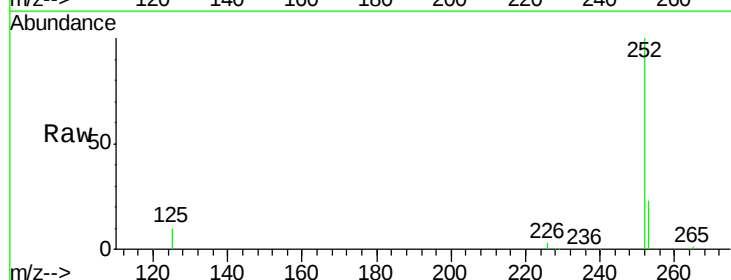
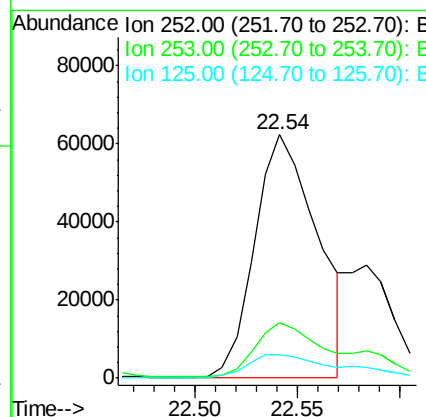
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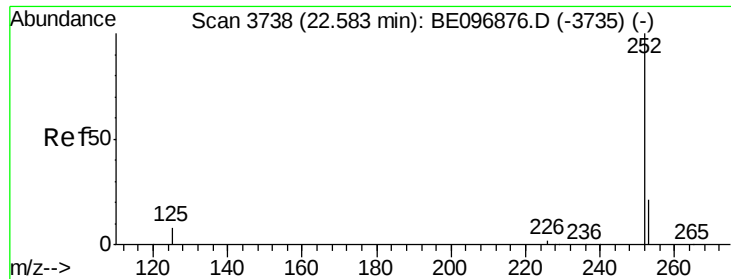
Delta R.T. -0.00 min

Lab File: BE096882.D

Acq: 9 Jul 2018 15:43

Tgt Ion:	252	Resp:	133164
Ion Ratio	Lower	Upper	
252	100		
253	22.6	0.0	64.2
125	9.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.566 ng/ul m

RT: 22.58 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BE096882.D

Acq: 9 Jul 2018 15:43

Instrument :

BNA_E

ClientSampleId :

F1H21DL

Tgt Ion:252 Resp: 47002

Ion Ratio Lower Upper

252 100

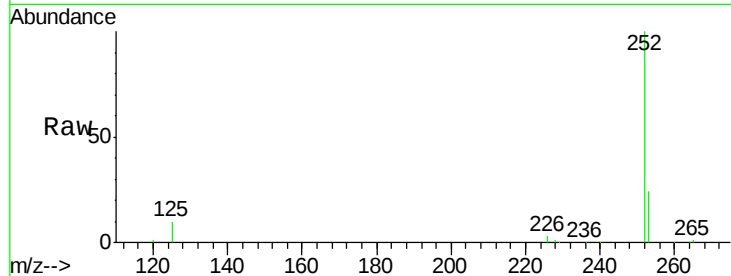
253 23.7 24.5 36.7#

125 9.6 13.7 20.5#

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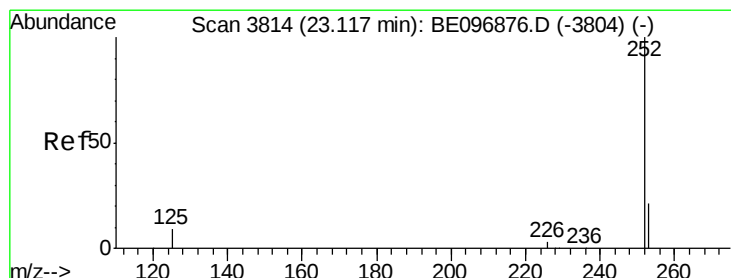
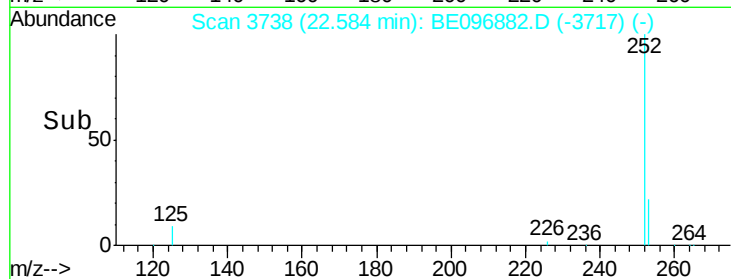
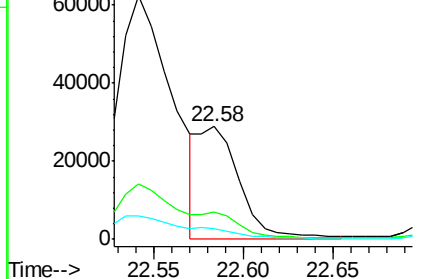
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 1.144 ng/ul

RT: 23.11 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BE096882.D

Acq: 9 Jul 2018 15:43

Tgt Ion:252 Resp: 73614

Ion Ratio Lower Upper

252 100

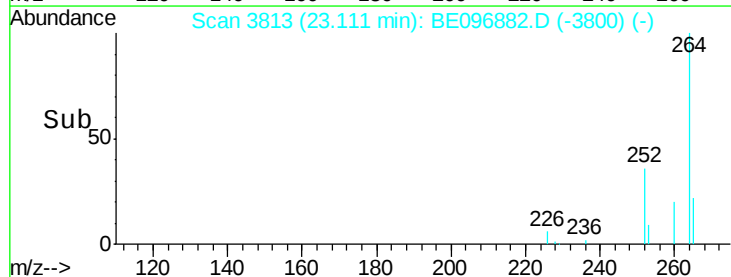
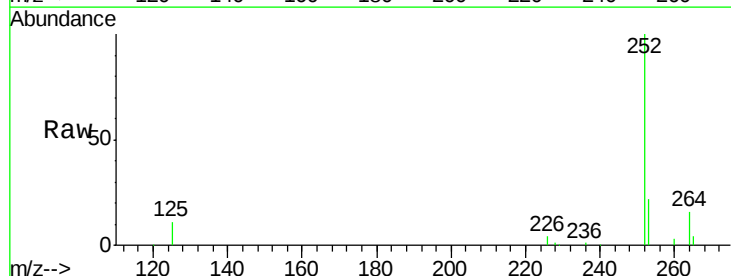
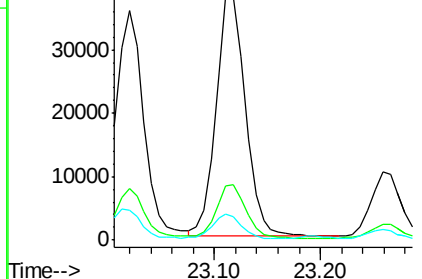
253 22.5 28.5 42.7#

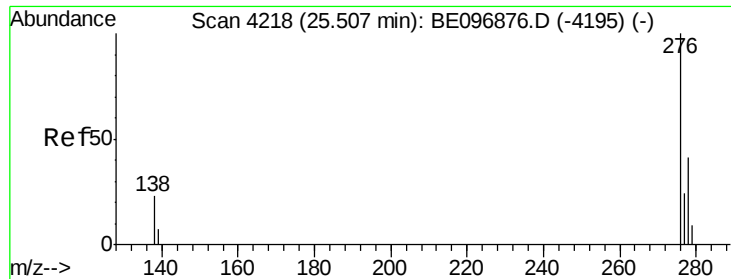
125 10.8 18.1 27.1#

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





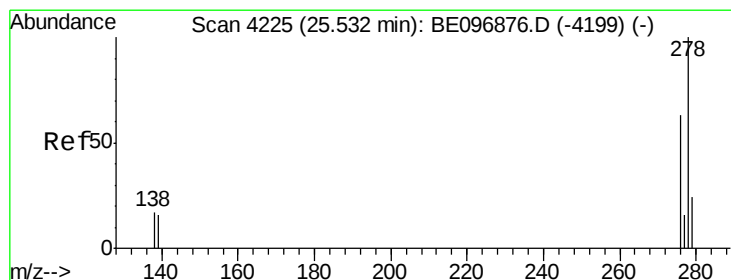
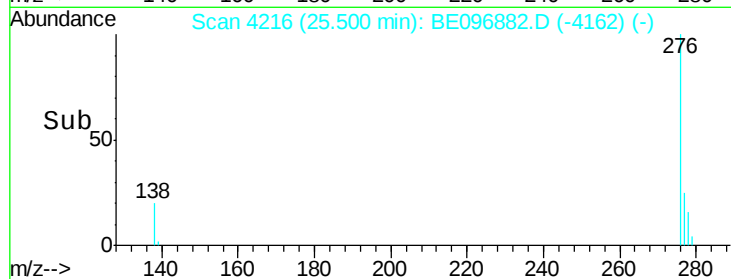
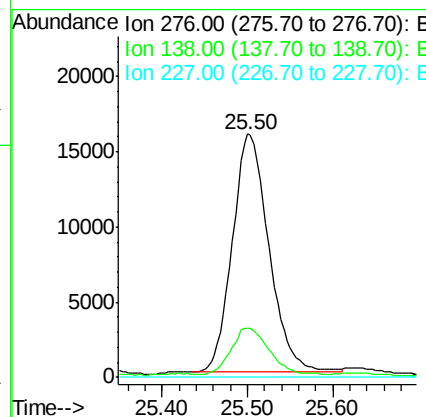
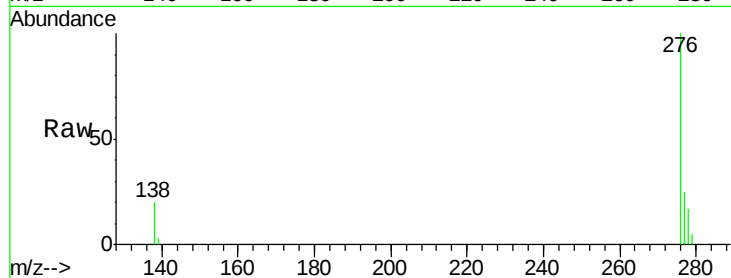
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.709 ng/ul
 RT: 25.50 min Scan# 4216
 Delta R.T. -0.01 min
 Lab File: BE096882.D
 Acq: 9 Jul 2018 15:43

Instrument :
 BNA_E
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 F1H21DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	47363		
138	21.2	28.0	42.0#	
227	0.0	8.0	12.0#	

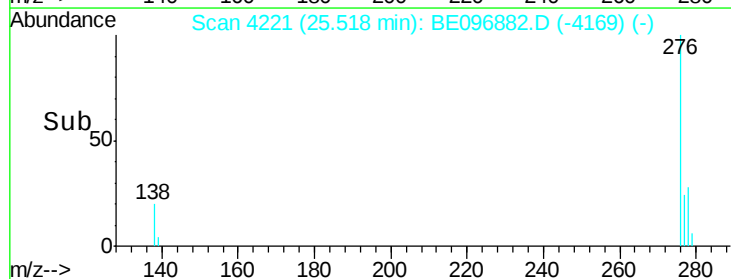
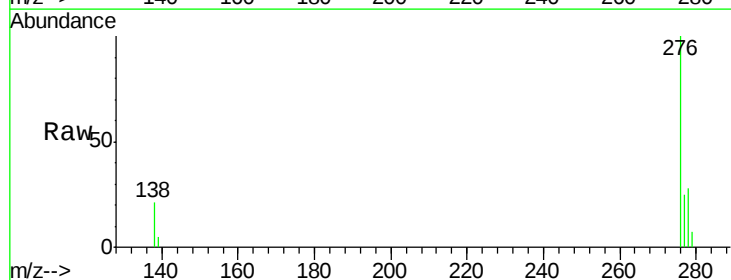
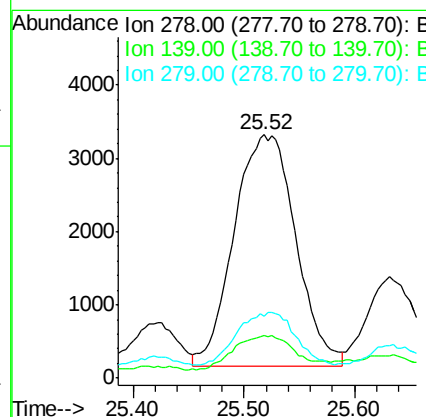
Manual Integrations
 APPROVED

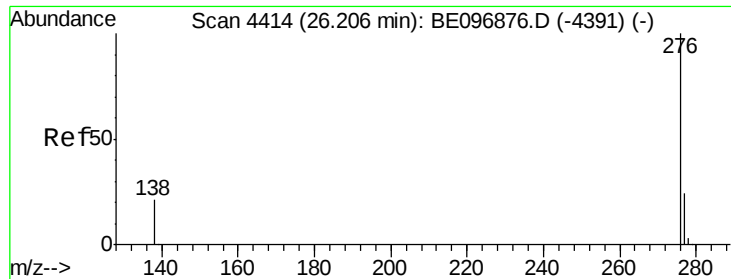
Sohil
 7/10/2018 2:56:27 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.232 ng/ul m
 RT: 25.52 min Scan# 4221
 Delta R.T. -0.01 min
 Lab File: BE096882.D
 Acq: 9 Jul 2018 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	12300		
139	17.3	17.4	26.0#	
279	25.7	25.9	38.9#	





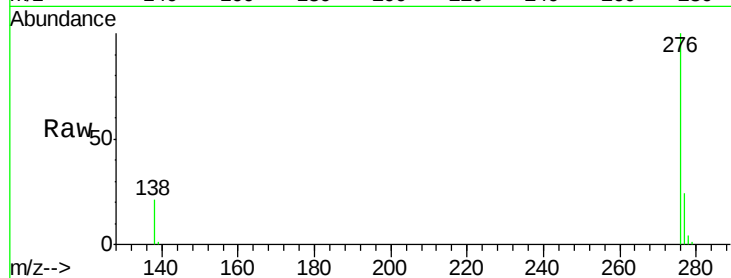
#26
 Benzo(g,h,i)perylene
 Concen: 0.611 ng/ul
 RT: 26.20 min Scan# 4413
 Delta R.T. -0.01 min
 Lab File: BE096882.D
 Acq: 9 Jul 2018 15:43

Instrument :
 BNA_E
 ClientSampleId :
 F1H21DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.8	32.8#
277	24.2	20.5	30.7

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

