

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070918\
 Data File : BE096880.D
 Acq On : 9 Jul 2018 14:28
 Operator : SJ/JU
 Sample : J3721-08DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H19DL

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:56:22 PM

Quant Time: Jul 09 16:51:47 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	2683	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	14641	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	8895	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	21335	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	19826	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	24620	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	1380	0.06	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	3074	0.06	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	13.74	152	995	0.027	ng/ul#	86
12) Phenanthrene	16.82	178	1424	0.026	ng/ul#	91
13) Anthracene	16.91	178	2063	0.044	ng/ul	94
15) Fluoranthene	18.85	202	8261	0.141	ng/ul	84
17) Pyrene	19.21	202	15034	0.231	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	10689	0.229	ng/ul#	84
19) Chrysene	21.01	228	16461	0.272	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	23628m	0.352	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	8047m	0.110	ng/ul	
23) Benzo(a)pyrene	23.11	252	13358	0.235	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.50	276	7539	0.128	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.52	278	2007	0.043	ng/ul#	93
26) Benzo(g,h,i)perylene	26.20	276	6316	0.110	ng/ul	95

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

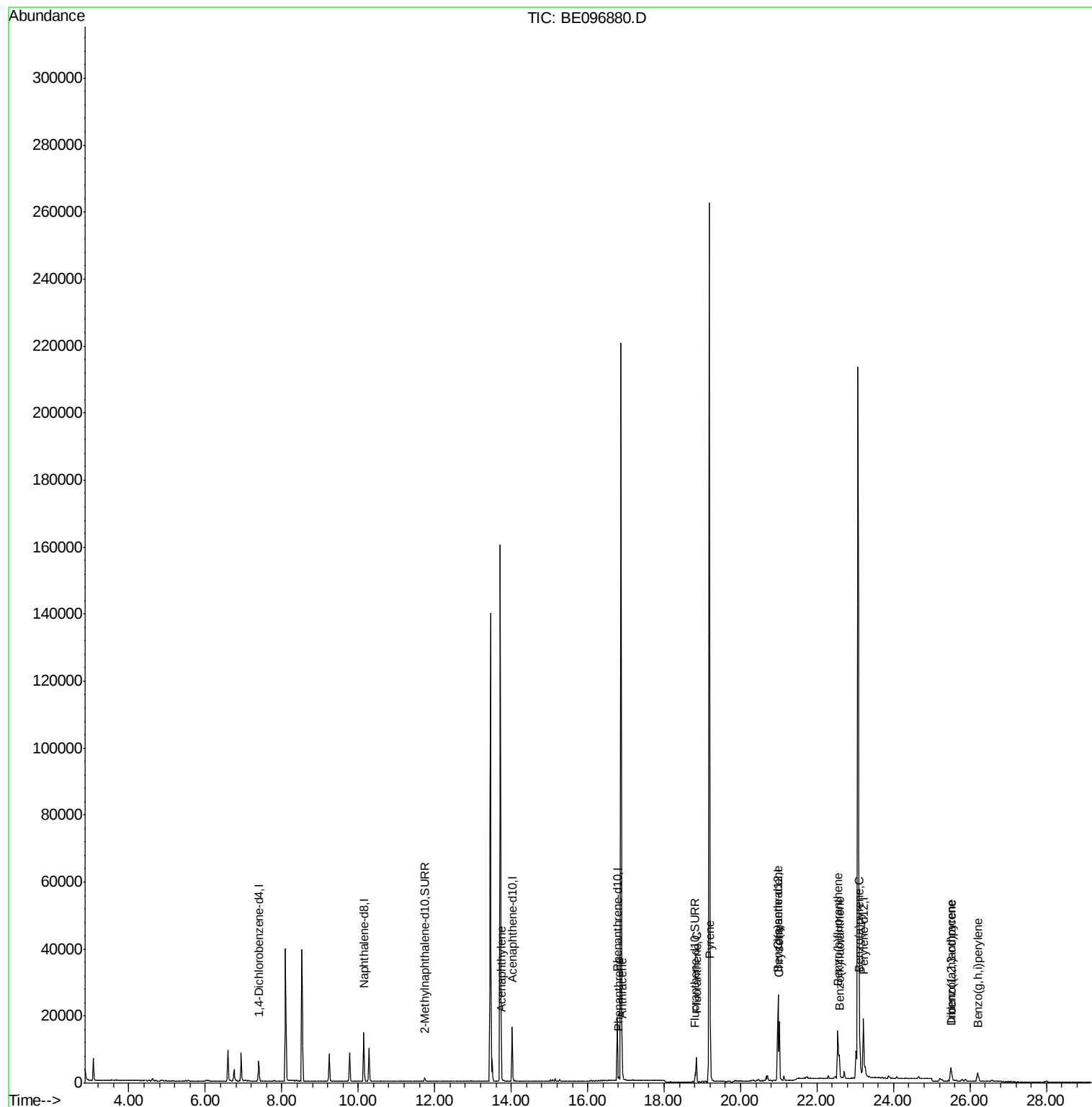
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070918\
Data File : BE096880.D
Acq On : 9 Jul 2018 14:28
Operator : SJ/JU
Sample : J3721-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

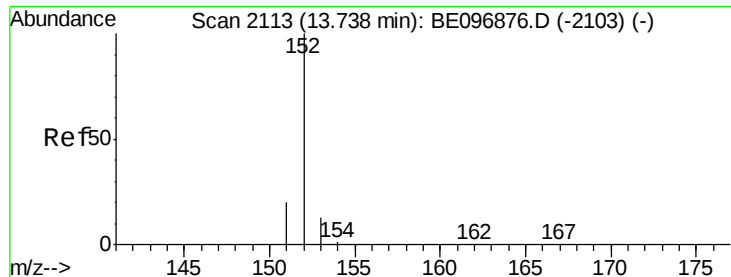
Instrument :
BNA_E
ClientSampleId :
F1H19DL

Quant Time: Jul 09 16:51:47 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

Manual Integrations
APPROVED

Sohil
7/10/2018 2:56:22 PM





#7

Acenaphthylene

Concen: 0.027 ng/ul

RT: 13.74 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BE096880.D

Acq: 9 Jul 2018 14:28

Instrument :

BNA_E

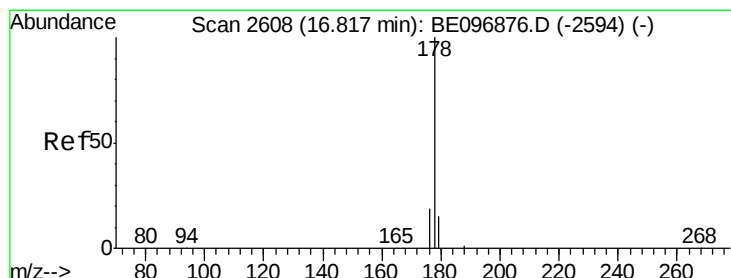
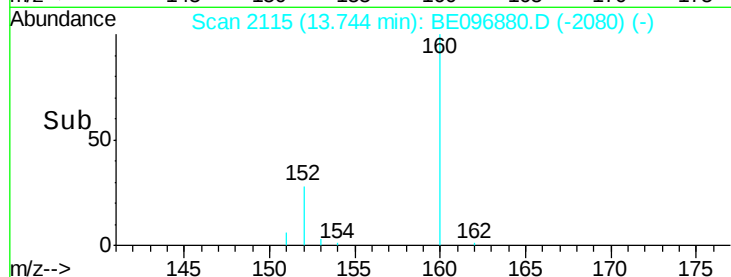
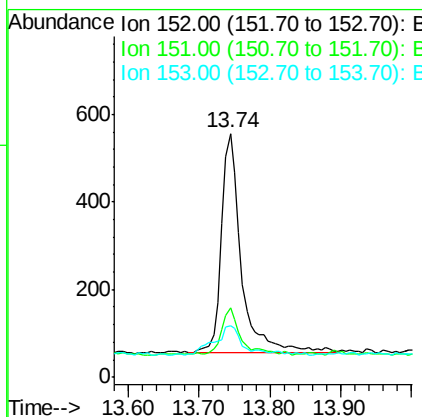
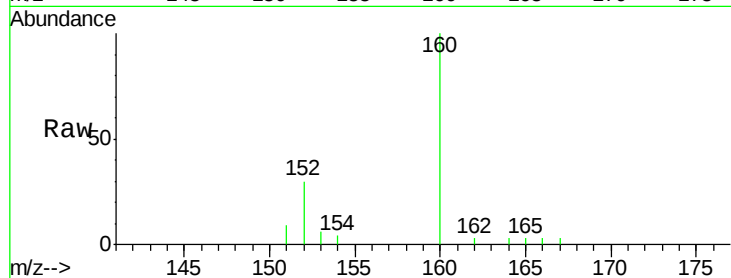
ClientSampleId :

F1H19DL

Tgt Ion:	152	Resp:	995
Ion Ratio	Lower	Upper	
152	100		
151	28.6	17.1	25.7#
153	21.0	12.8	19.2#

Manual Integrations
APPROVED

Sohil
7/10/2018 2:56:22 PM



#12

Phenanthrene

Concen: 0.026 ng/ul

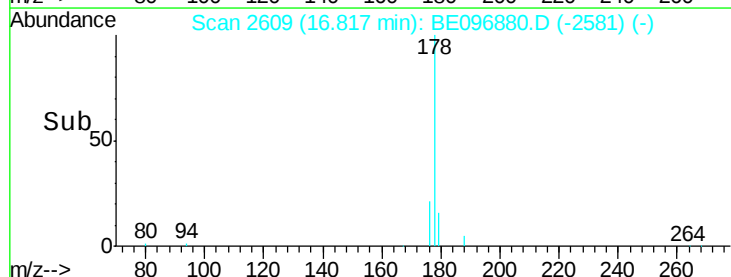
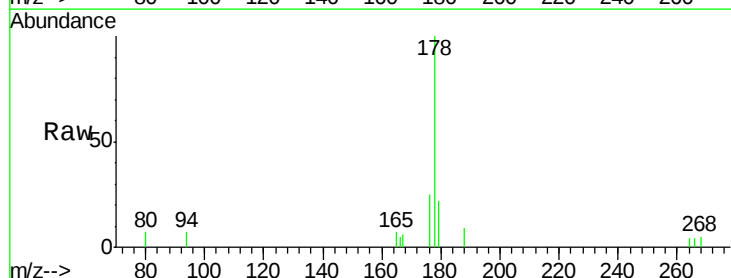
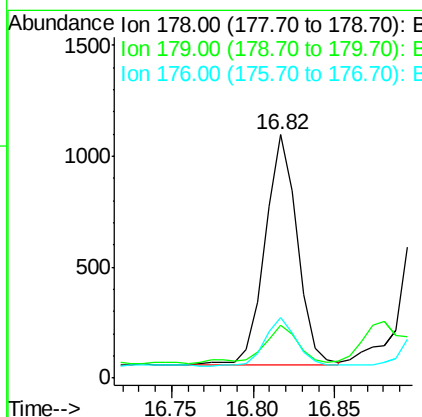
RT: 16.82 min Scan# 2609

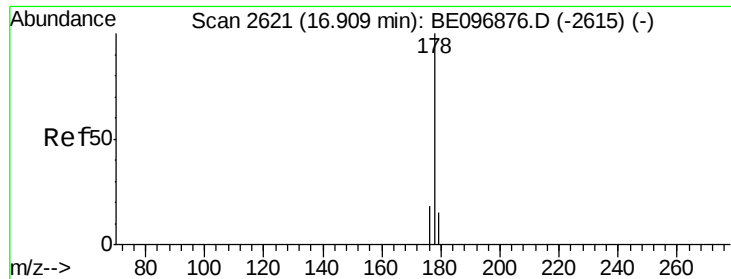
Delta R.T. -0.00 min

Lab File: BE096880.D

Acq: 9 Jul 2018 14:28

Tgt Ion:	178	Resp:	1424
Ion Ratio	Lower	Upper	
178	100		
179	21.7	18.4	27.6
176	24.7	13.6	20.4#





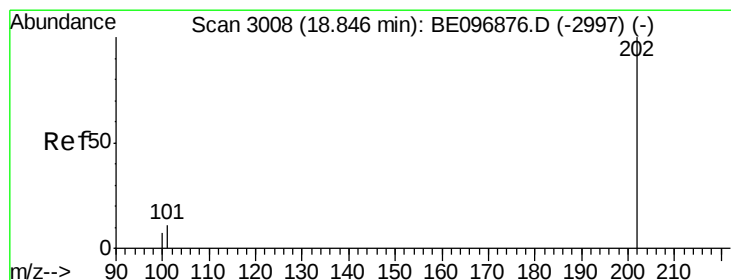
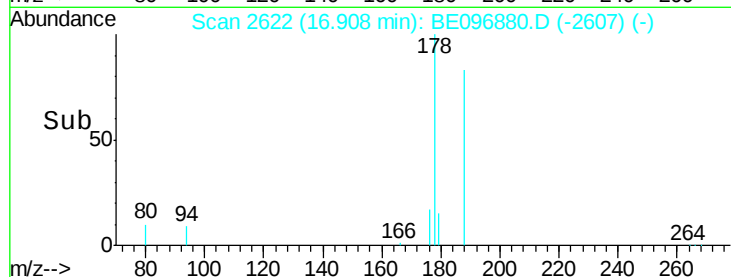
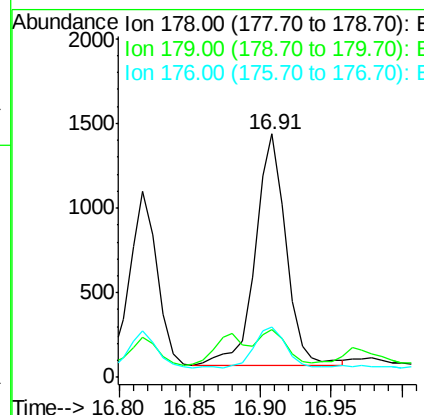
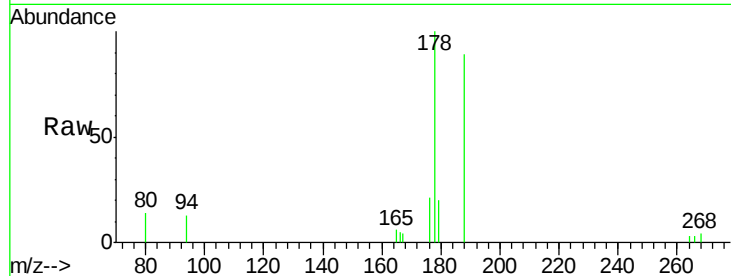
#13
 Anthracene
 Concen: 0.044 ng/ul
 RT: 16.91 min Scan# 2622
 Delta R.T. 0.00 min
 Lab File: BE096880.D
 Acq: 9 Jul 2018 14:28

Instrument :
 BNA_E
 ClientSampleId :
 F1H19DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.9	18.1	27.1
176	20.9	14.7	22.1

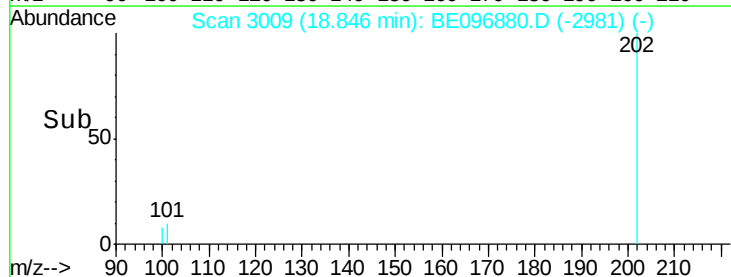
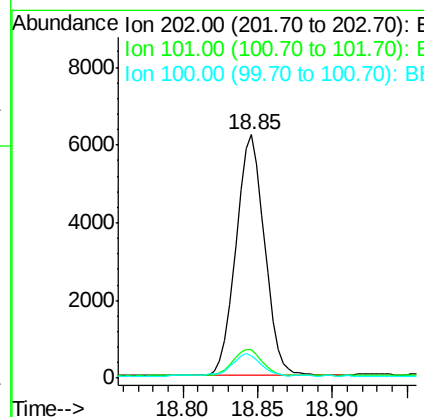
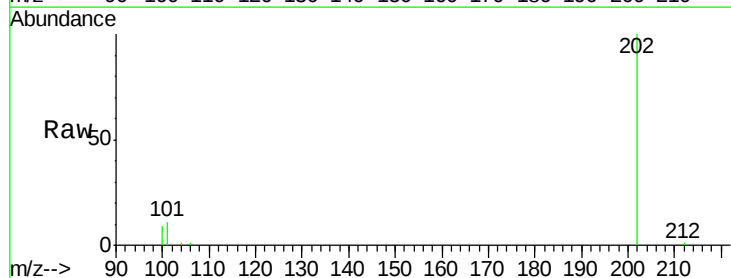
Manual Integrations
 APPROVED

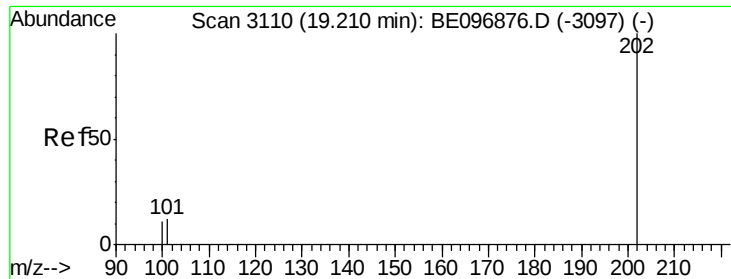
Sohil
 7/10/2018 2:56:22 PM



#15
 Fluoranthene
 Concen: 0.141 ng/ul
 RT: 18.85 min Scan# 3009
 Delta R.T. 0.00 min
 Lab File: BE096880.D
 Acq: 9 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	9.2	0.0	39.5





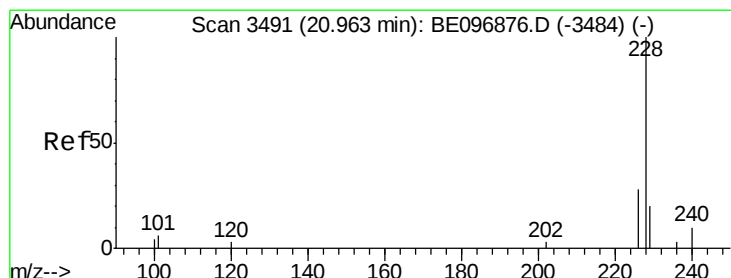
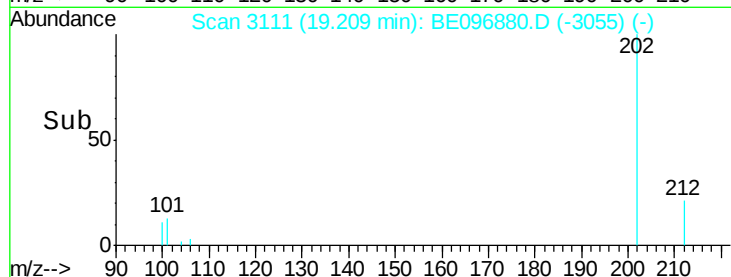
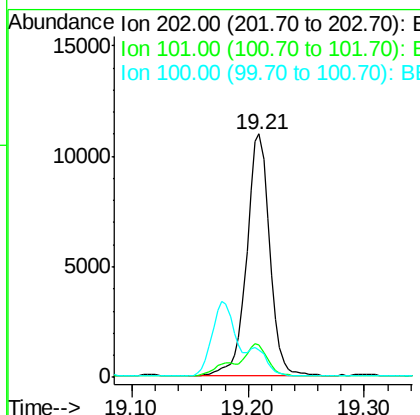
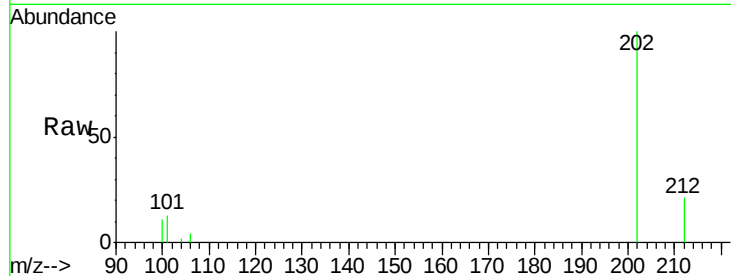
#17
 Pyrene
 Concen: 0.231 ng/ul
 RT: 19.21 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BE096880.D
 Acq: 9 Jul 2018 14:28

Instrument :
 BNA_E
 ClientSampleId :
 F1H19DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.3	18.2	27.4#
100	11.5	15.6	23.4#

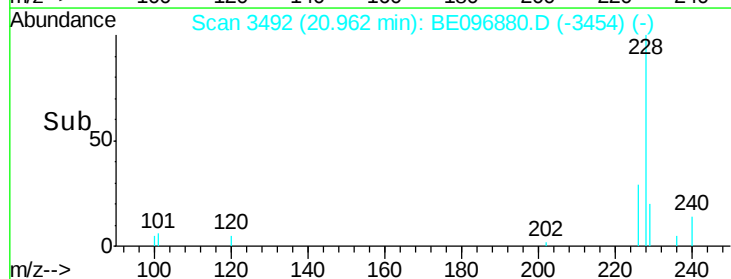
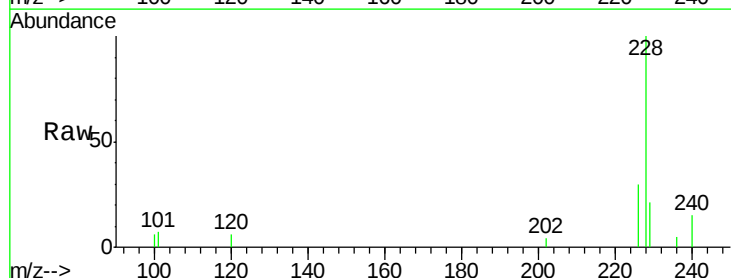
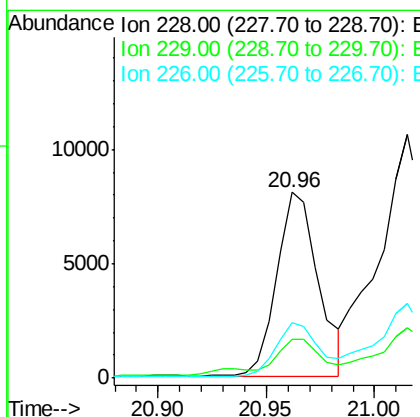
Manual Integrations
 APPROVED

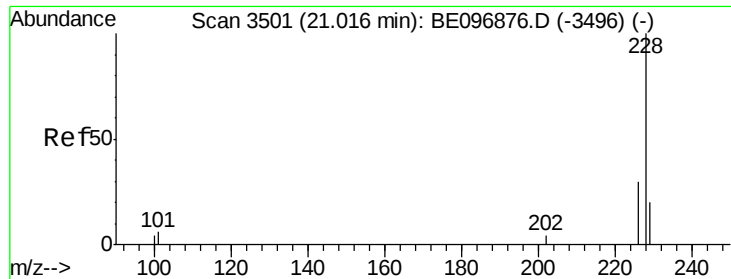
Sohil
 7/10/2018 2:56:22 PM



#18
 Benzo(a)anthracene
 Concen: 0.229 ng/ul
 RT: 20.96 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: BE096880.D
 Acq: 9 Jul 2018 14:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.9	22.8	34.2#
226	29.6	17.0	25.6#





#19

Chrysene

Concen: 0.272 ng/ul

RT: 21.01 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BE096880.D

Acq: 9 Jul 2018 14:28

Instrument :

BNA_E

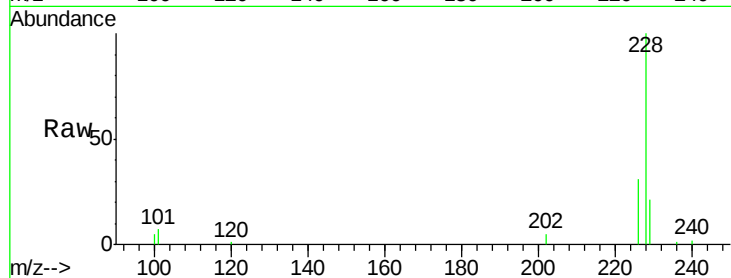
ClientSampleId :

F1H19DL

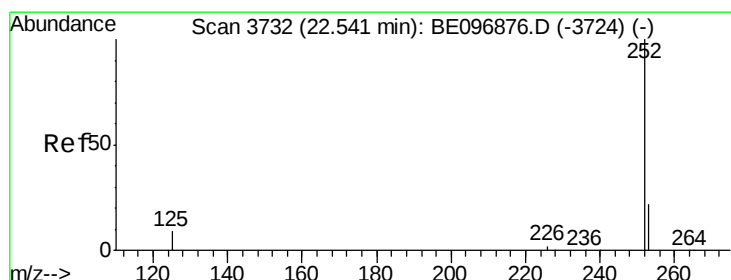
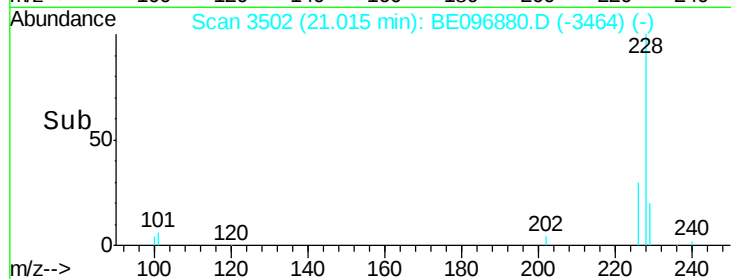
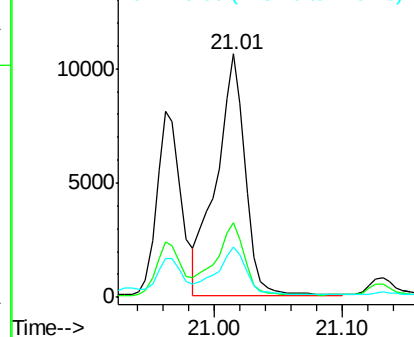
Tgt Ion:	228	Resp:	16461
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	20.9	17.7	26.5

Manual Integrations
APPROVED

Sohil
7/10/2018 2:56:22 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.352 ng/ul m

RT: 22.54 min Scan# 3733

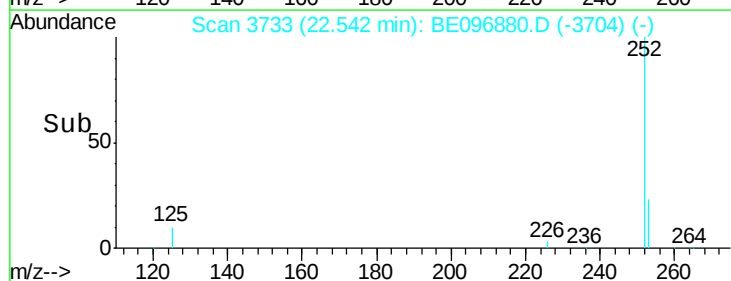
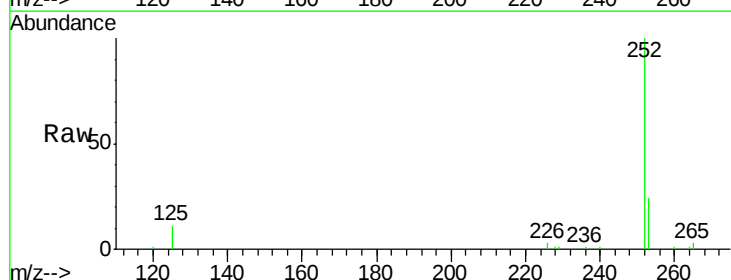
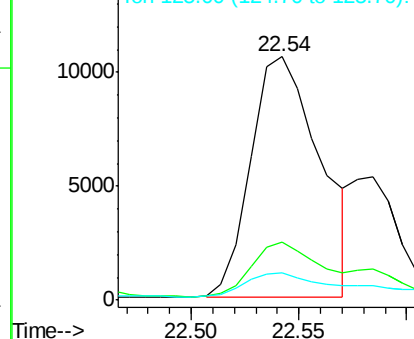
Delta R.T. 0.00 min

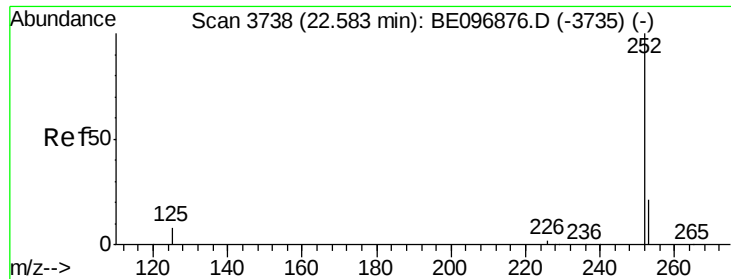
Lab File: BE096880.D

Acq: 9 Jul 2018 14:28

Tgt Ion:	252	Resp:	23628
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	64.2
125	11.1	0.0	35.0

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





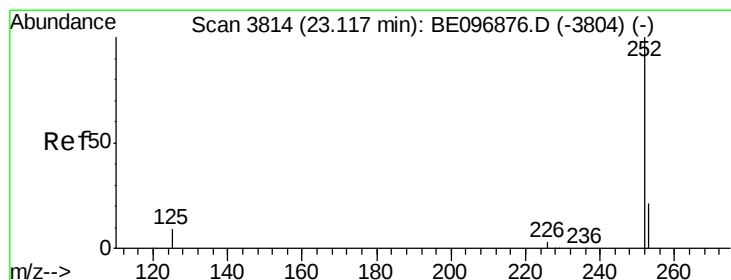
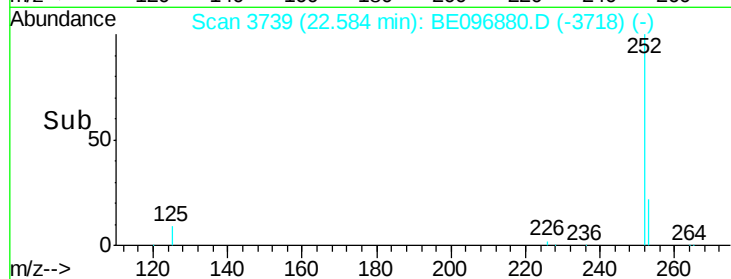
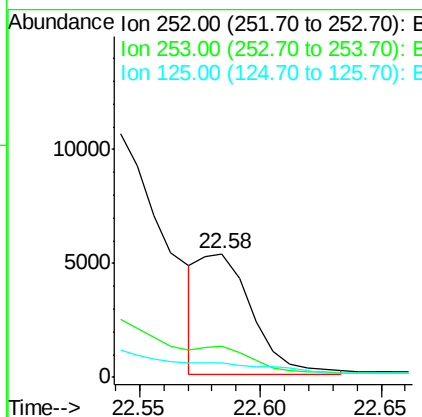
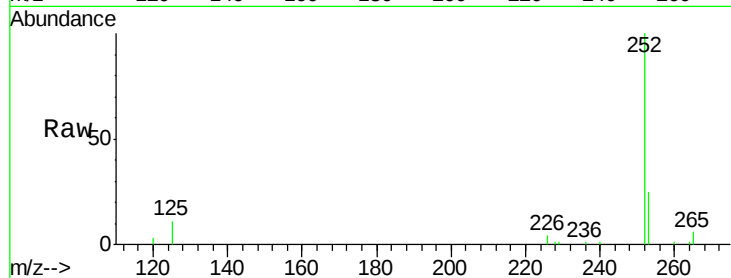
#22
Benzo(k)fluoranthene
Concen: 0.110 ng/ul m
RT: 22.58 min Scan# 3739
Delta R.T. 0.00 min
Lab File: BE096880.D
Acq: 9 Jul 2018 14:28

Instrument :
BNA_E
ClientSampleId :
F1H19DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	24.5	36.7
125	11.2	13.7	20.5#

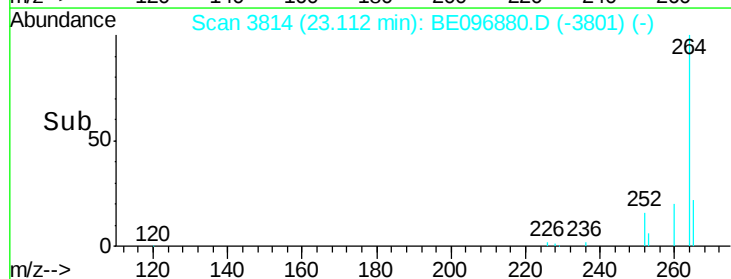
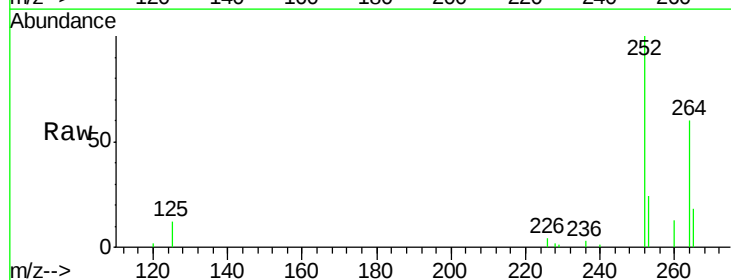
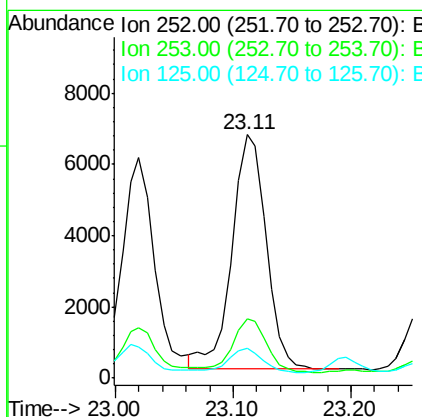
Manual Integrations
APPROVED

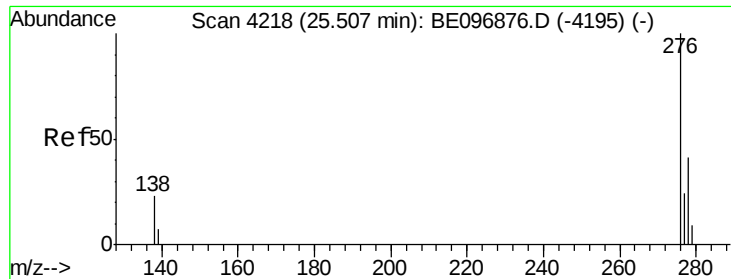
Sohil
7/10/2018 2:56:22 PM



#23
Benzo(a)pyrene
Concen: 0.235 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. -0.01 min
Lab File: BE096880.D
Acq: 9 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	28.5	42.7#
125	12.4	18.1	27.1#





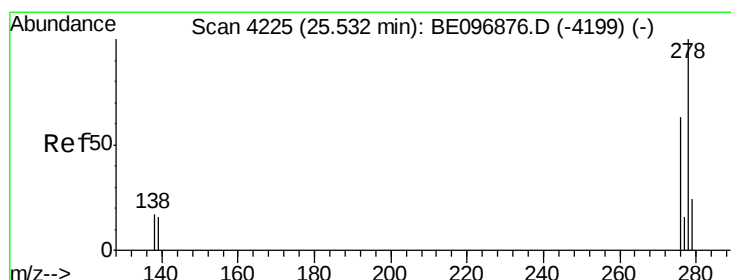
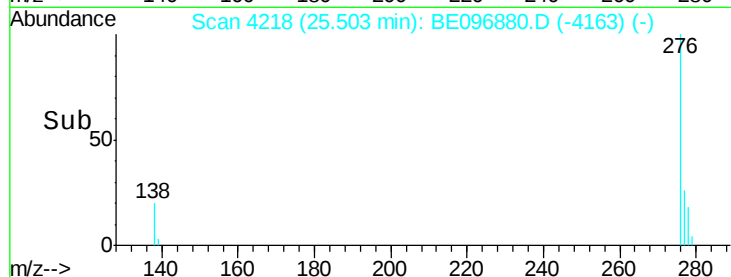
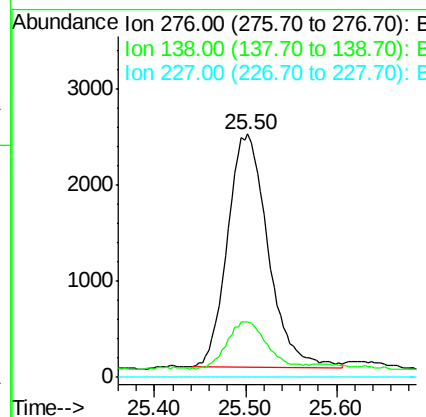
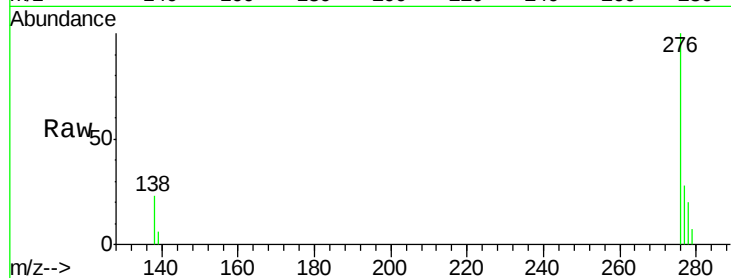
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.128 ng/u1
 RT: 25.50 min Scan# 4218
 Delta R.T. -0.00 min
 Lab File: BE096880.D
 Acq: 9 Jul 2018 14:28

Instrument :
 BNA_E
 ClientSampleId :
 F1H19DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	28.0	42.0#
227	0.0	8.0	12.0#

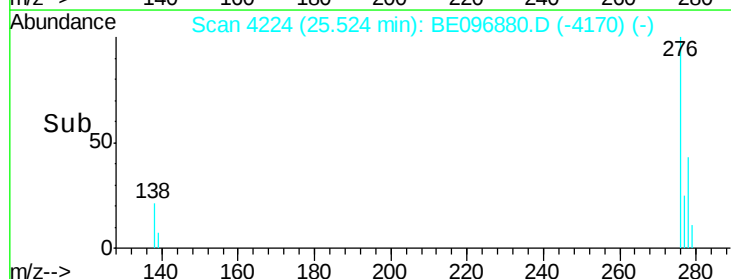
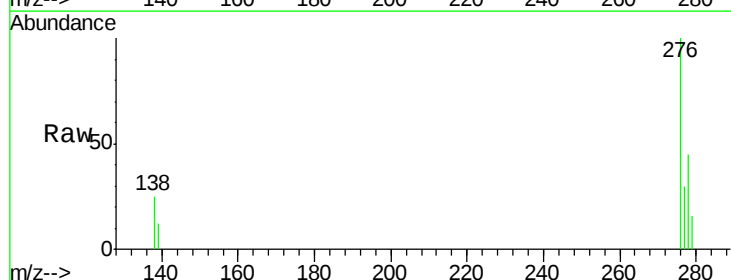
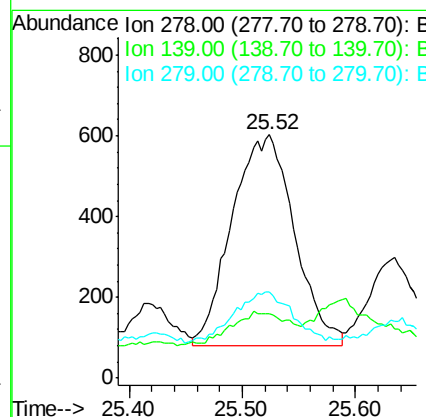
Manual Integrations
 APPROVED

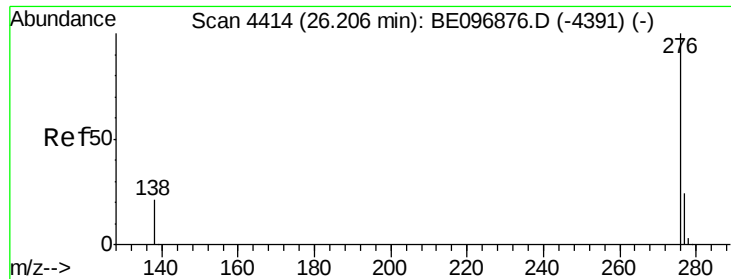
Sohil
 7/10/2018 2:56:22 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.043 ng/u1
 RT: 25.52 min Scan# 4224
 Delta R.T. -0.01 min
 Lab File: BE096880.D
 Acq: 9 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.7	17.4	26.0#
279	35.2	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 0.110 ng/ul
 RT: 26.20 min Scan# 4413
 Delta R.T. -0.01 min
 Lab File: BE096880.D
 Acq: 9 Jul 2018 14:28

Instrument :
 BNA_E
 ClientSampleId :
 F1H19DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.8	32.8
277	26.4	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:56:22 PM

