

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
 Data File : BE096871.D
 Acq On : 7 Jul 2018 2:11
 Operator : SJ/JU
 Sample : J3765-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H08

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:16 PM

Quant Time: Jul 09 05:43:09 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 : Fri Jul 06 16:55:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3436	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	18289	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	12291	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	28818m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	28348m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	27110m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	8184	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	22063m	0.31	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.19	128	10246	0.232	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	5741	0.191	ng/ul	98
7) Acenaphthylene	13.74	152	21049	0.418	ng/ul	97
8) Acenaphthene	14.09	153	1650	0.040	ng/ul#	91
9) Fluorene	15.08	166	13123	0.306	ng/ul	90
12) Phenanthrene	16.82	178	60835m	0.819	ng/ul	
13) Anthracene	16.91	178	413925m	6.560	ng/ul	
15) Fluoranthene	18.85	202	209418m	2.646	ng/ul	
17) Pyrene	19.21	202	279410	3.003	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	167292m	2.502	ng/ul	
19) Chrysene	21.02	228	251625	2.905	ng/ul	99
21) Benzo(b)fluoranthene	22.54	252	557250m	7.531	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	139133m	1.722	ng/ul	
23) Benzo(a)pyrene	23.12	252	252483m	4.034	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	206021m	3.171	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	49355m	0.956	ng/ul	
26) Benzo(g,h,i)perylene	26.20	276	168688m	2.675	ng/ul	

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

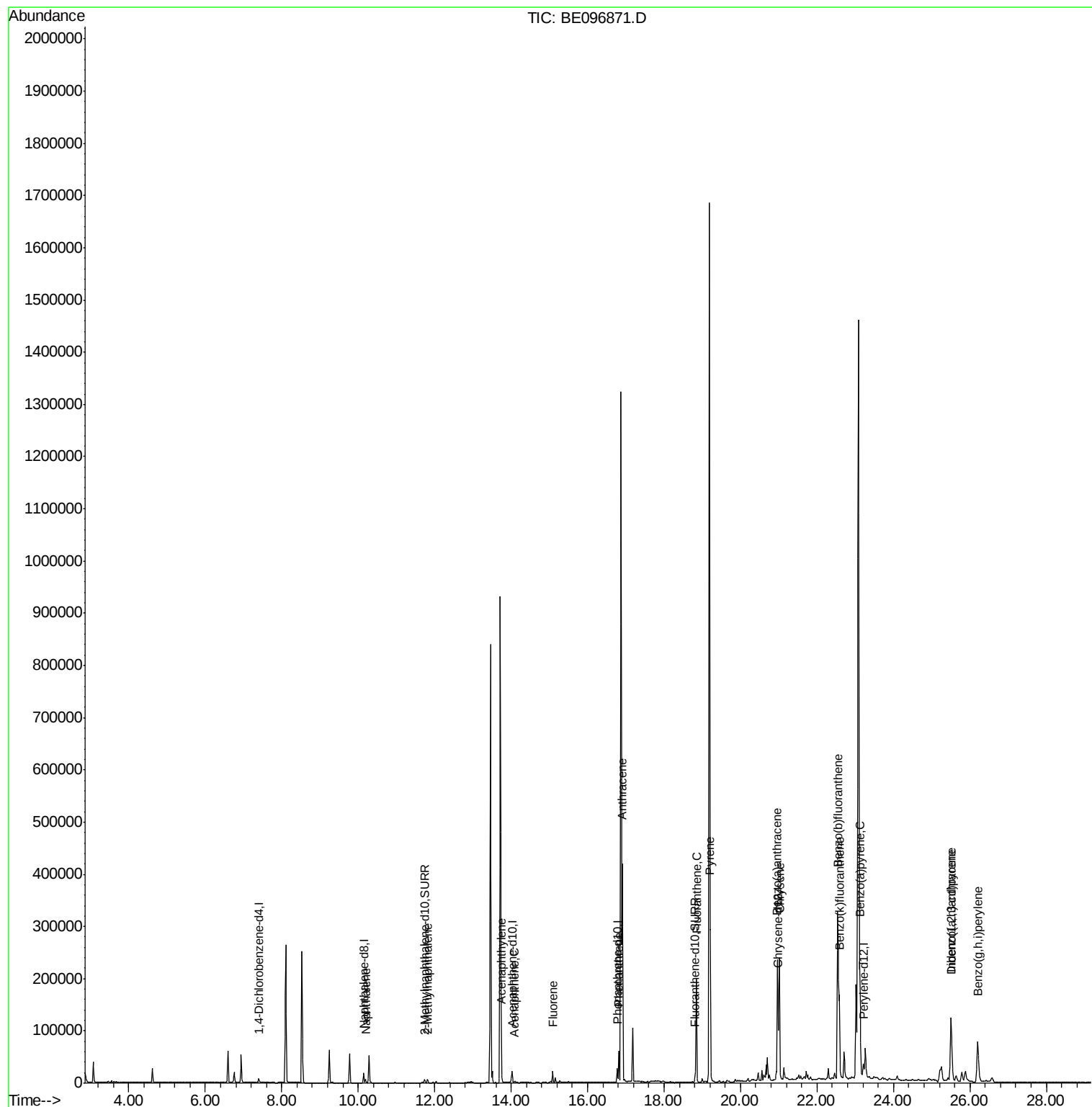
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
Data File : BE096871.D
Acq On : 7 Jul 2018 2:11
Operator : SJ/JU
Sample : J3765-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

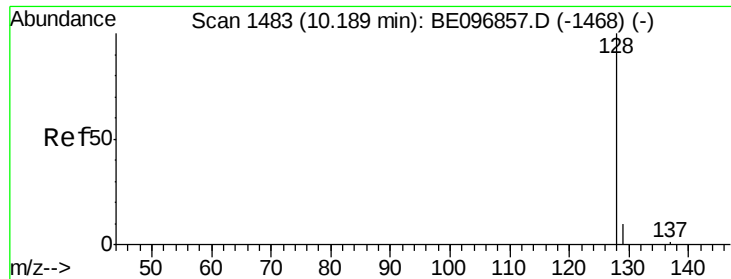
Instrument :
BNA_E
ClientSampleId :
F1H08

Manual Integrations
APPROVED

Sohil
7/9/2018 4:14:16 PM

Quant Time: Jul 09 05:43:09 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 : Fri Jul 06 16:55:25 2018
Response via : Initial Calibration





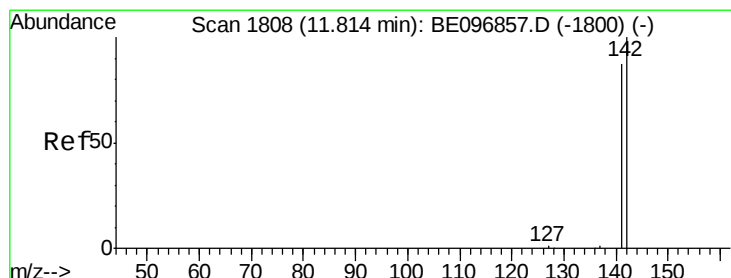
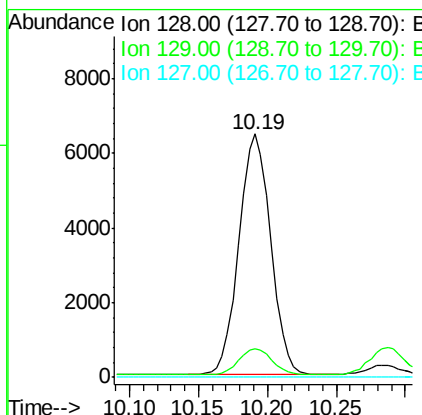
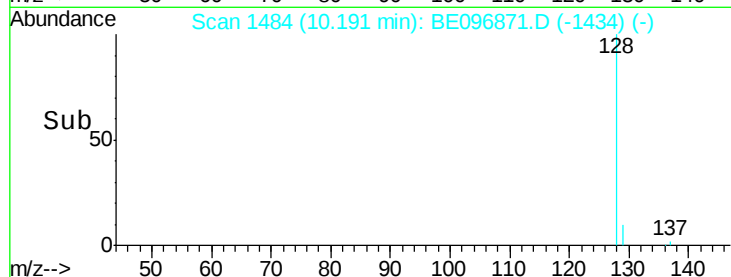
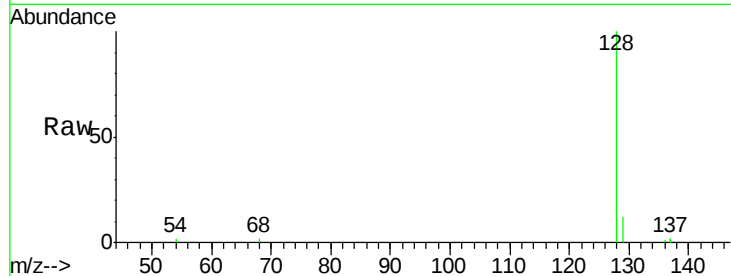
#3
Naphthalene
Concen: 0.232 ng/ul
RT: 10.19 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE096871.D
Acq: 7 Jul 2018 2:11

Instrument :
BNA_E
ClientSampleId :
F1H08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.3	16.9
127	0.0	4.0	6.0

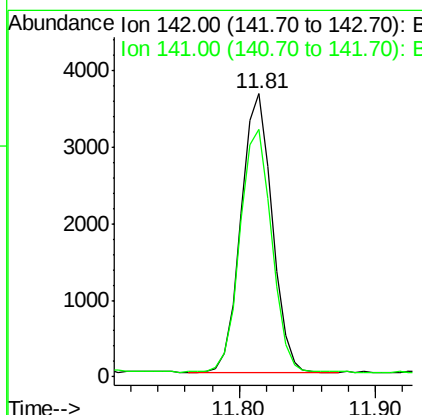
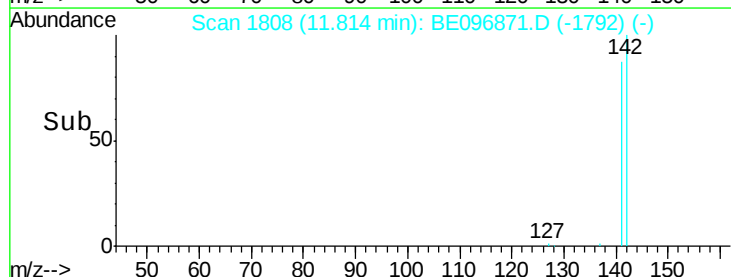
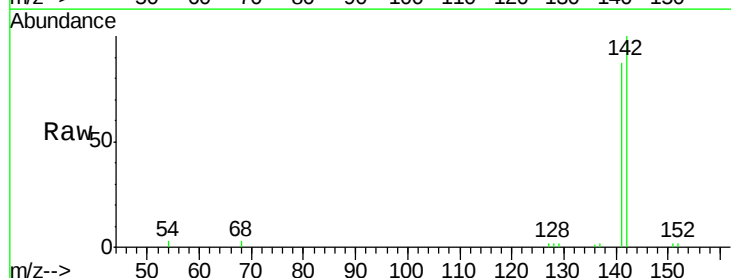
Manual Integrations
APPROVED

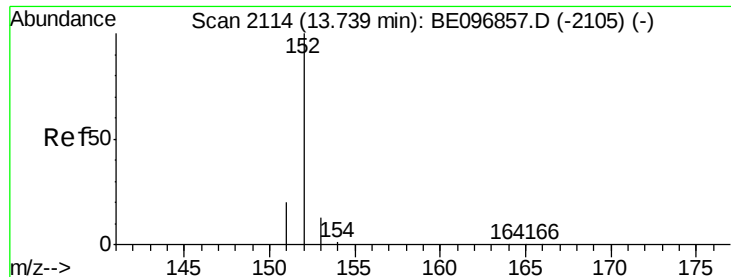
Sohil
7/9/2018 4:14:16 PM



#5
2-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 11.81 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BE096871.D
Acq: 7 Jul 2018 2:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.418 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BE096871.D

Acq: 7 Jul 2018 2:11

Instrument :

BNA_E

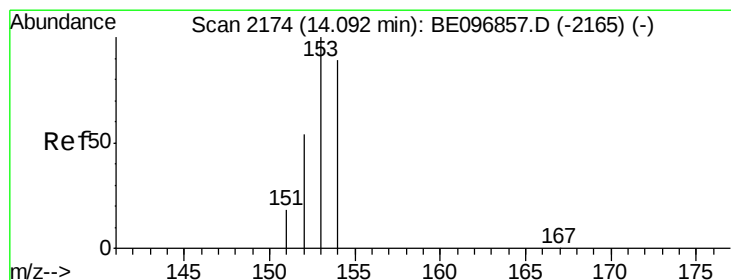
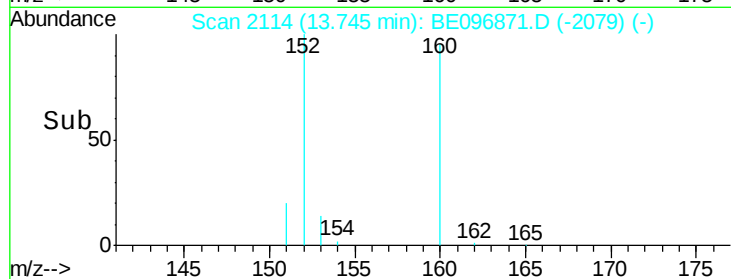
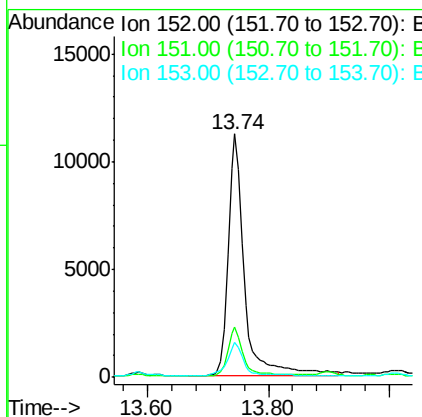
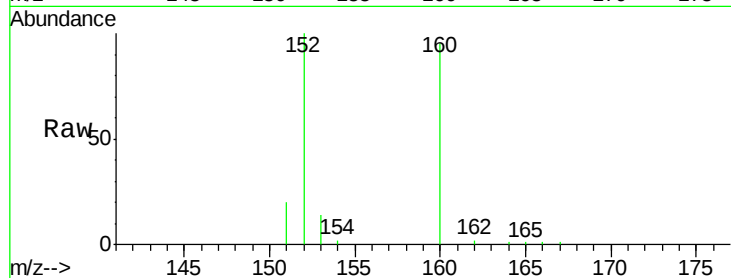
ClientSampleId :

F1H08

Tgt Ion:	152	Resp:	21049
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	14.1	12.8	19.2

Manual Integrations
APPROVED

Sohil
7/9/2018 4:14:16 PM



#8

Acenaphthene

Concen: 0.040 ng/ul

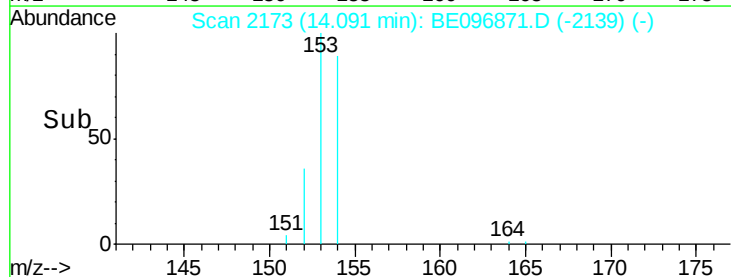
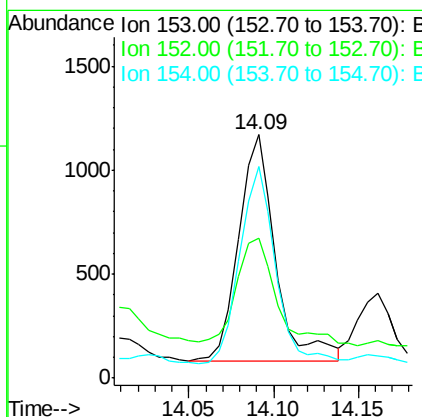
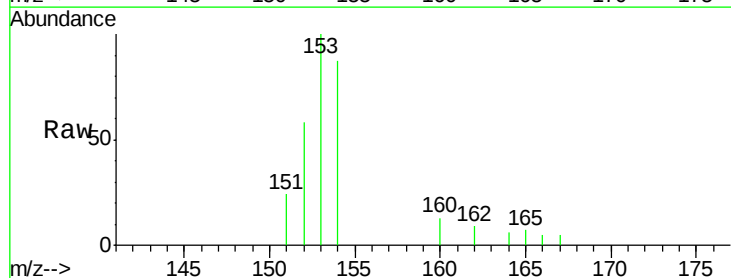
RT: 14.09 min Scan# 2173

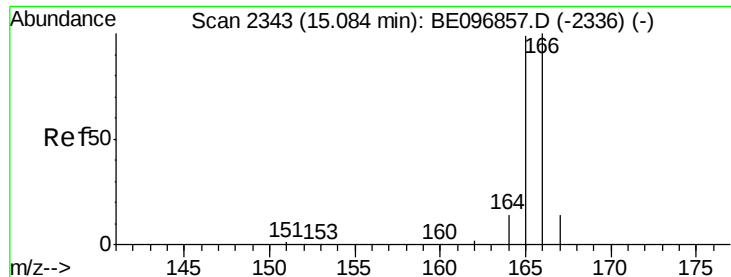
Delta R.T. -0.00 min

Lab File: BE096871.D

Acq: 7 Jul 2018 2:11

Tgt Ion:	153	Resp:	1650
Ion Ratio	Lower	Upper	
153	100		
152	57.6	36.0	54.0#
154	86.8	72.0	108.0





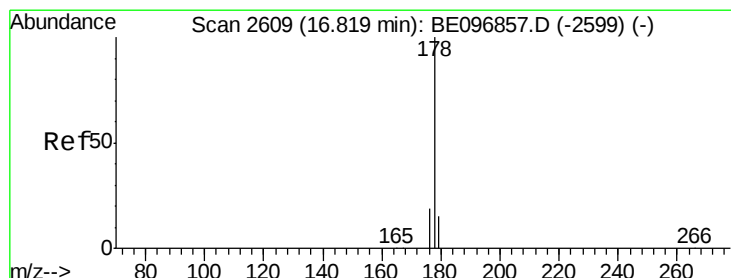
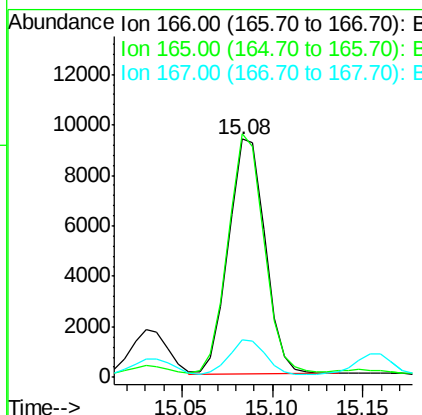
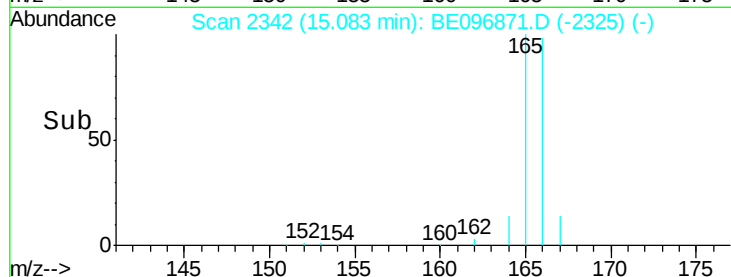
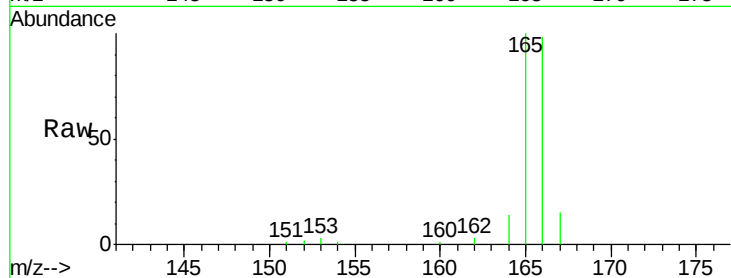
#9
Fluorene
 Concen: 0.306 ng/ul
 RT: 15.08 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BE096871.D
 Acq: 7 Jul 2018 2:11

Instrument :
 BNA_E
 ClientSampleId :
 F1H08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.2	73.4	110.2
167	15.8	14.6	22.0

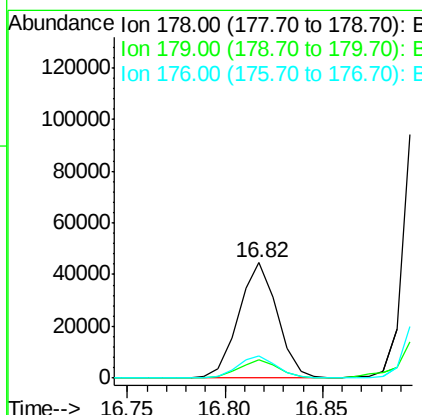
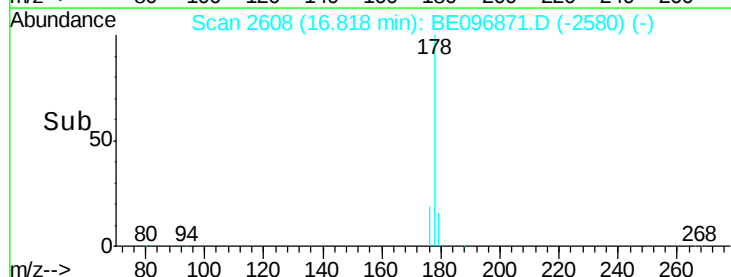
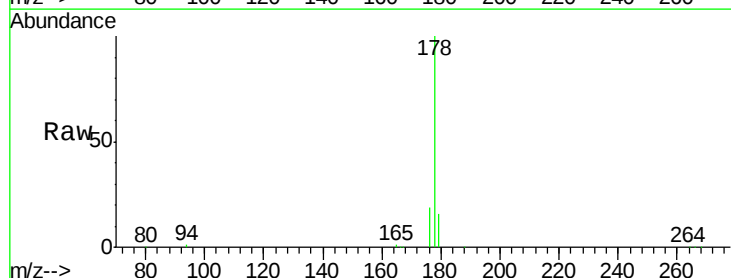
Manual Integrations
 APPROVED

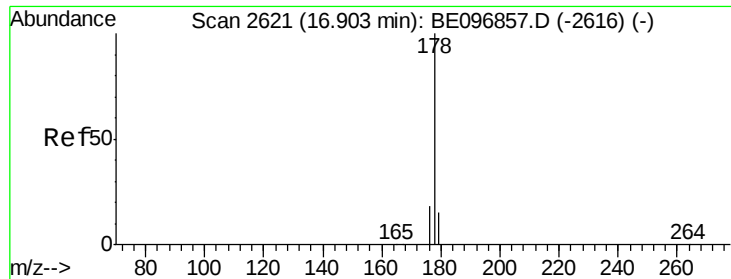
Sohil
 7/9/2018 4:14:16 PM



#12
Phenanthrene
 Concen: 0.819 ng/ul m
 RT: 16.82 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: BE096871.D
 Acq: 7 Jul 2018 2:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6#
176	19.5	13.6	20.4





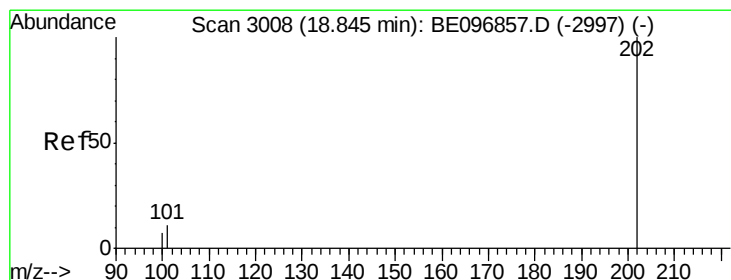
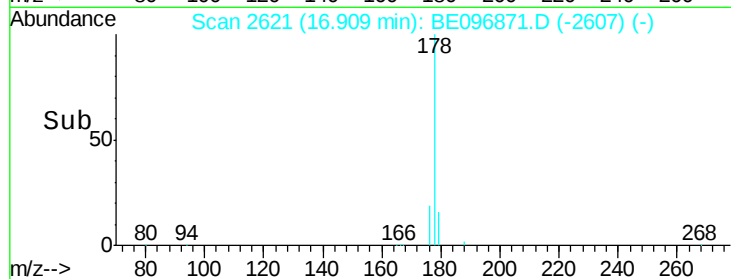
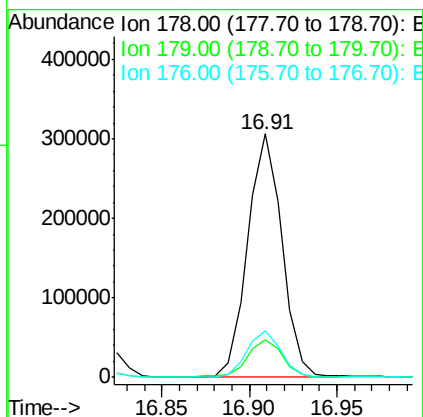
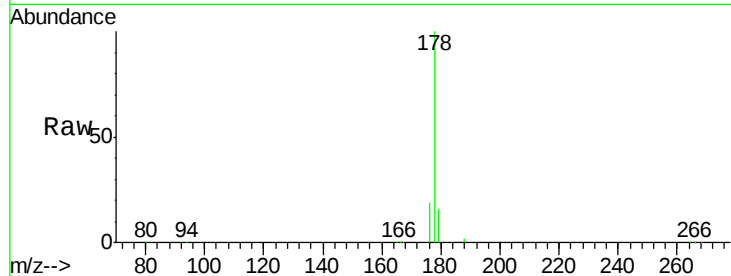
#13
 Anthracene
 Concen: 6.560 ng/ul m
 RT: 16.91 min Scan# 2621
 Delta R.T. -0.00 min
 Lab File: BE096871.D
 Acq: 7 Jul 2018 2:11

Instrument :
 BNA_E
 ClientSampleId :
 F1H08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.1	27.1#
176	19.1	14.7	22.1

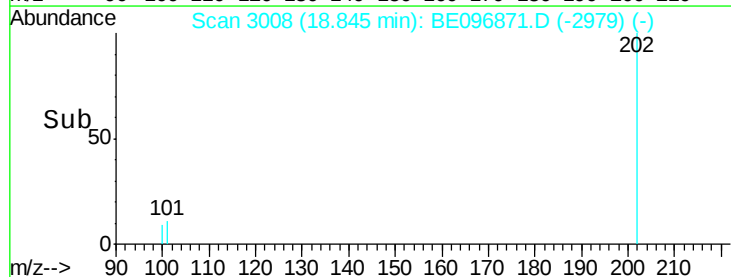
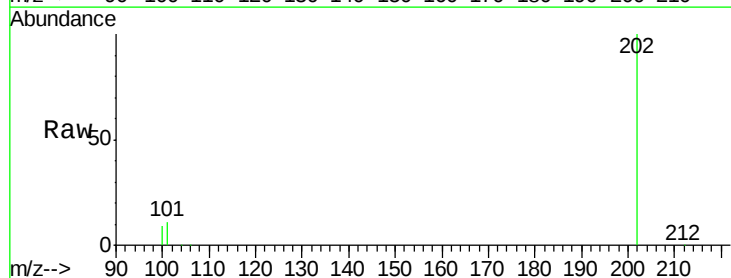
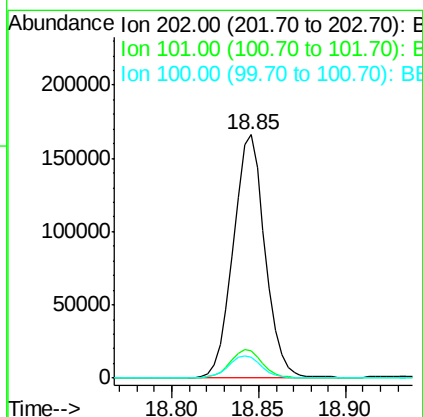
Manual Integrations
 APPROVED

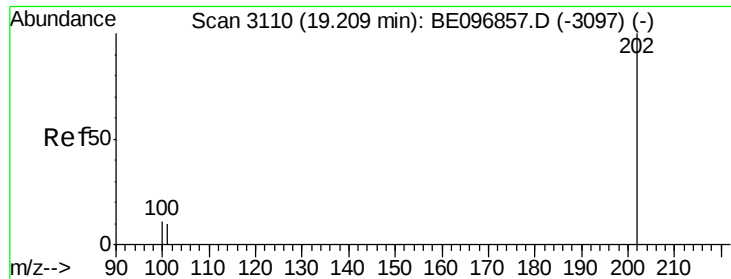
Sohil
 7/9/2018 4:14:16 PM



#15
 Fluoranthene
 Concen: 2.646 ng/ul m
 RT: 18.85 min Scan# 3008
 Delta R.T. 0.00 min
 Lab File: BE096871.D
 Acq: 7 Jul 2018 2:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	8.8	0.0	39.5





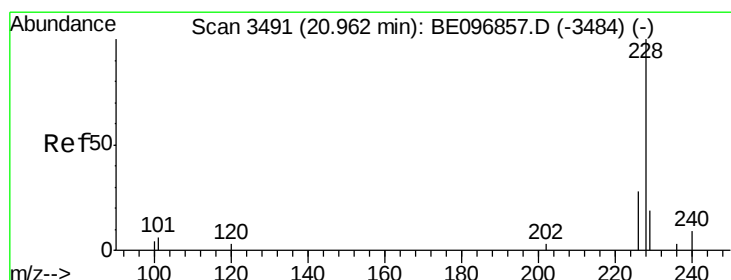
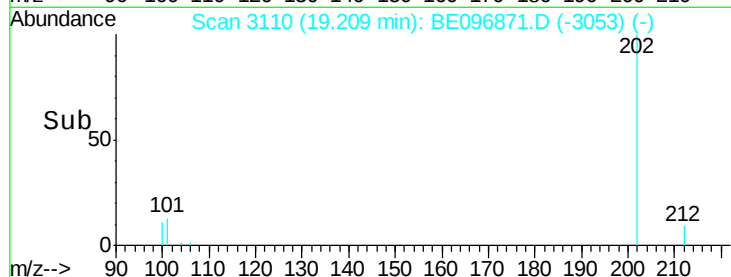
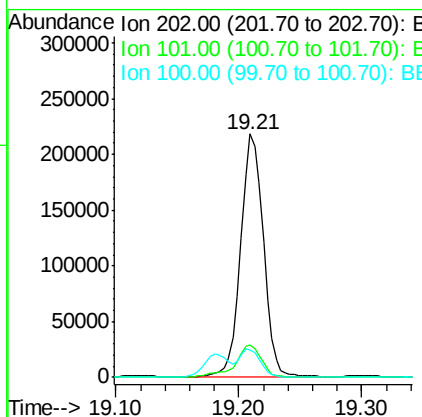
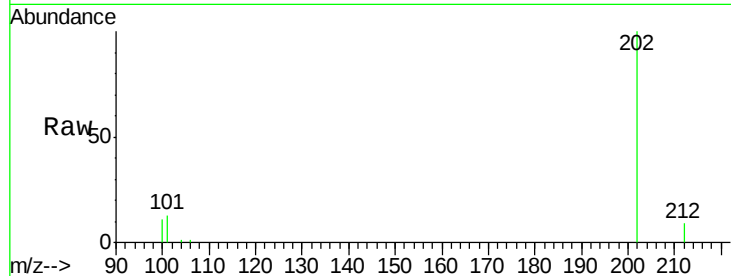
#17
Pyrene
Concen: 3.003 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE096871.D
Acq: 7 Jul 2018 2:11

Instrument :
BNA_E
ClientSampleId :
F1H08

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

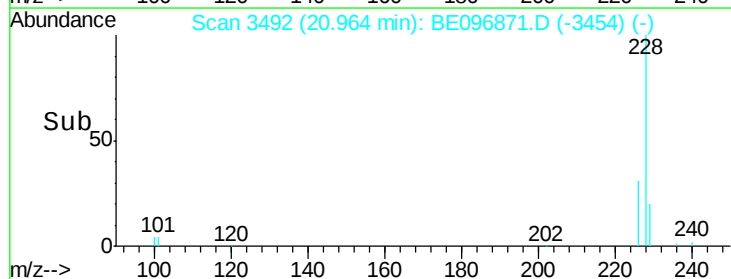
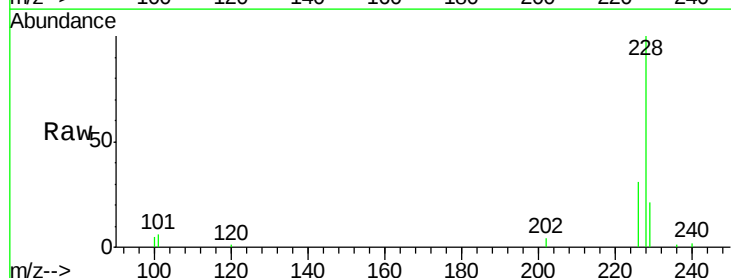
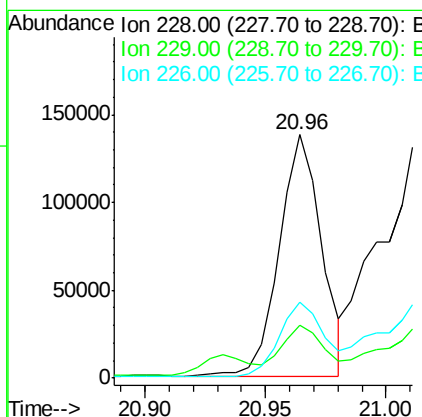
Manual Integrations
APPROVED

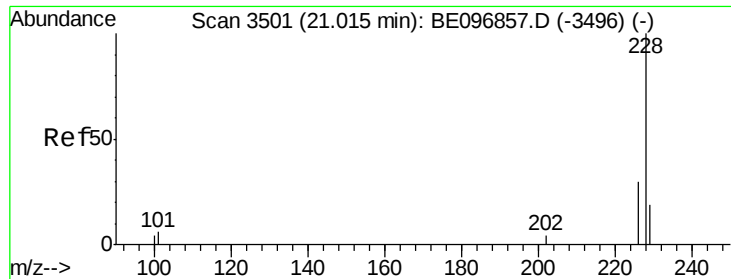
Sohil
7/9/2018 4:14:16 PM



#18
Benzo(a)anthracene
Concen: 2.502 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE096871.D
Acq: 7 Jul 2018 2:11

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.5	22.8	34.2#
226	31.3	17.0	25.6#





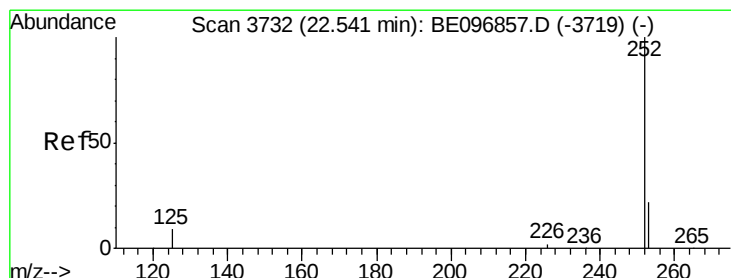
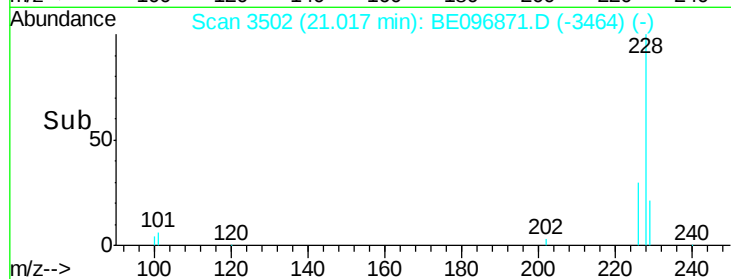
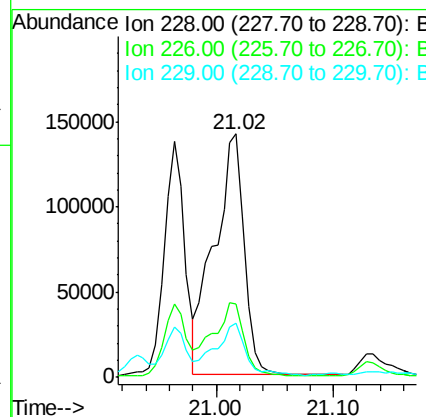
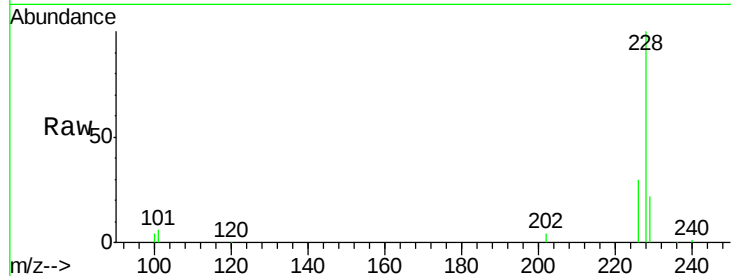
#19
Chrysene
Concen: 2.905 ng/ul
RT: 21.02 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BE096871.D
Acq: 7 Jul 2018 2:11

Instrument :
BNA_E
ClientSampleId :
F1H08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	251625		
226	30.2		23.4	35.0
229	22.1		17.7	26.5

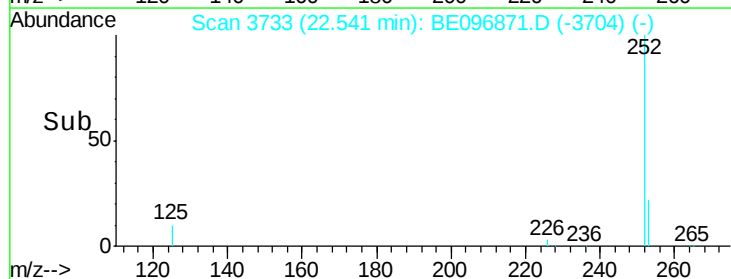
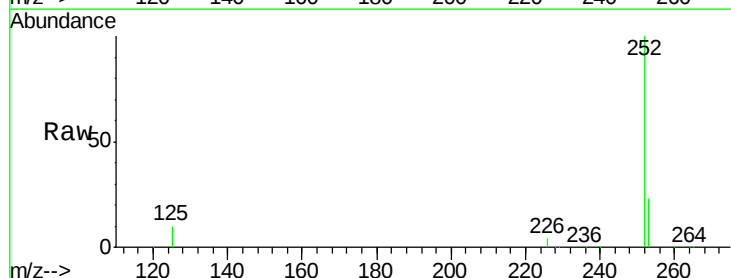
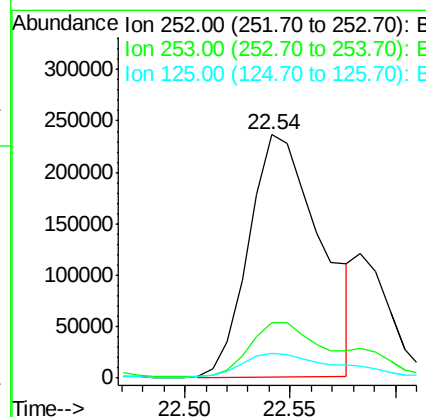
Manual Integrations
APPROVED

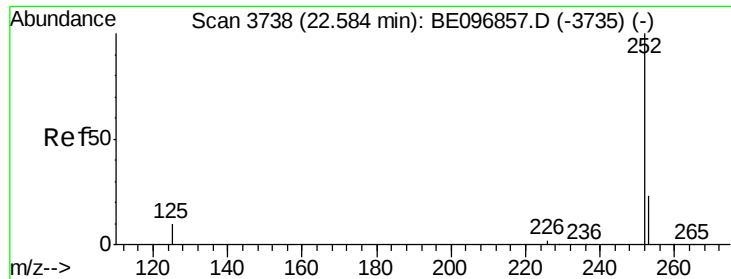
Sohil
7/9/2018 4:14:16 PM



#21
Benzo(b)fluoranthene
Concen: 7.531 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE096871.D
Acq: 7 Jul 2018 2:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	557250		
253	22.8		0.0	64.2
125	10.3		0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.722 ng/ul m

RT: 22.58 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE096871.D

Acq: 7 Jul 2018 2:11

Instrument :

BNA_E

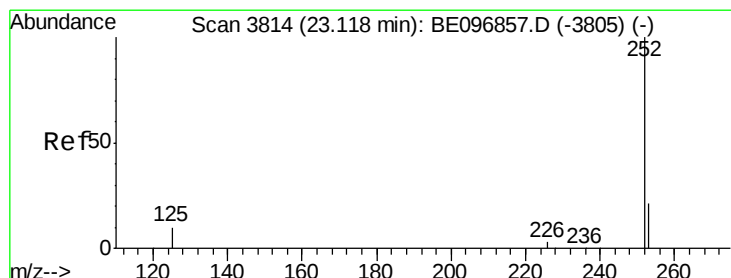
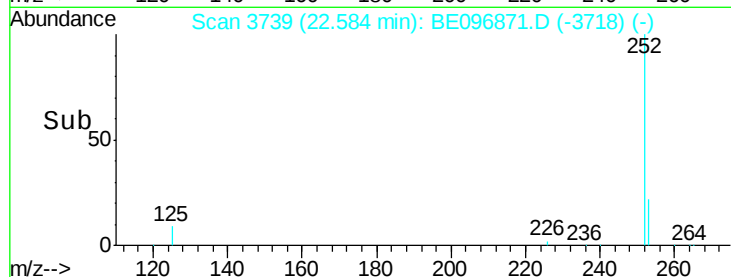
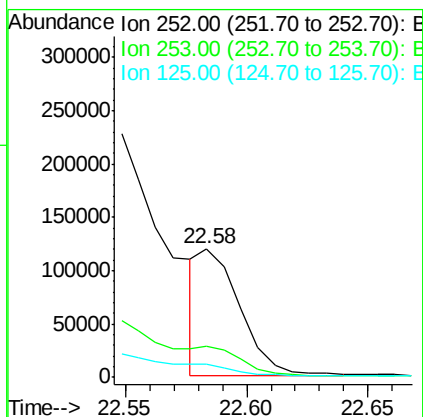
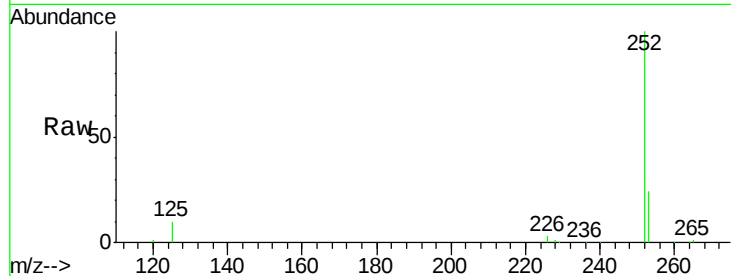
ClientSampleId :

F1H08

Tgt Ion:	252	Resp:	139133
Ion Ratio		Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	9.9	13.7	20.5#

Manual Integrations
APPROVED

Sohil
7/9/2018 4:14:16 PM



#23

Benzo(a)pyrene

Concen: 4.034 ng/ul m

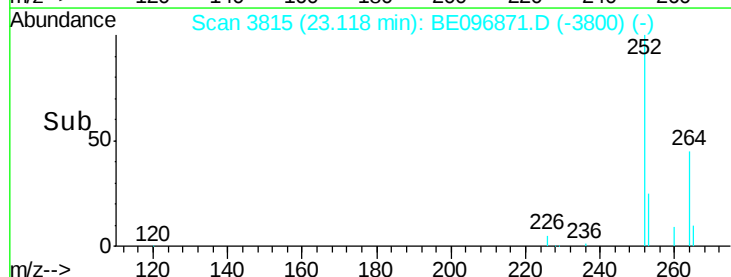
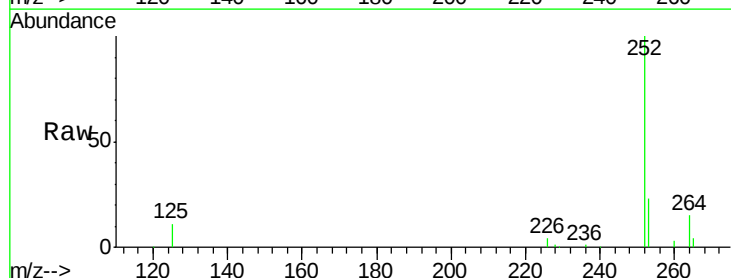
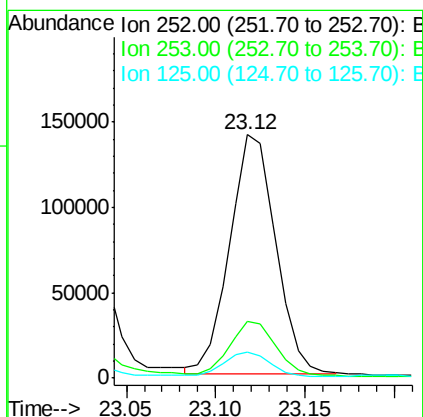
RT: 23.12 min Scan# 3815

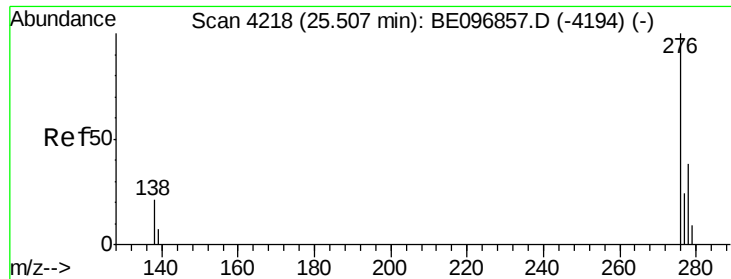
Delta R.T. 0.01 min

Lab File: BE096871.D

Acq: 7 Jul 2018 2:11

Tgt Ion:	252	Resp:	252483
Ion Ratio		Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	10.9	18.1	27.1#





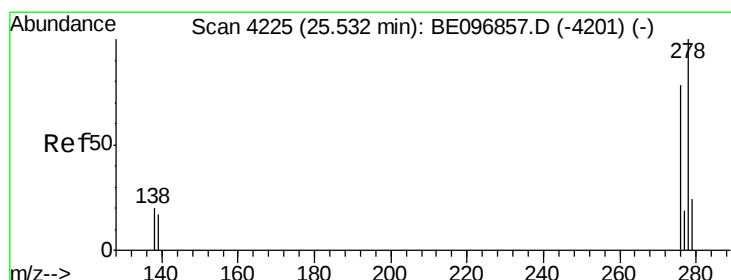
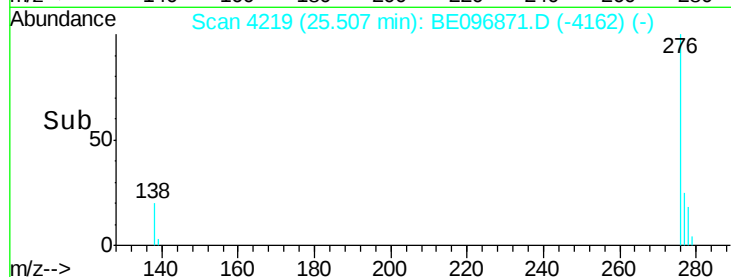
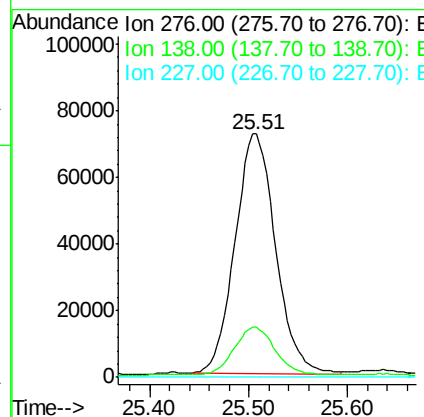
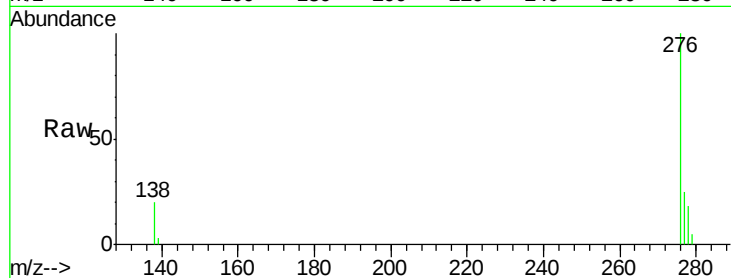
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.171 ng/ul m
 RT: 25.51 min Scan# 4219
 Delta R.T. 0.00 min
 Lab File: BE096871.D
 Acq: 7 Jul 2018 2:11

Instrument :
 BNA_E
 ClientSampleId :
 F1H08

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	1.7	28.0	42.0#
227	0.0	8.0	12.0#

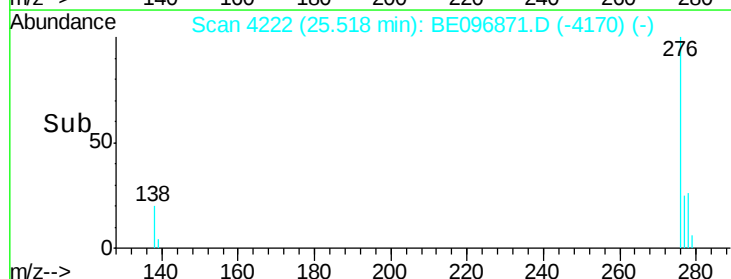
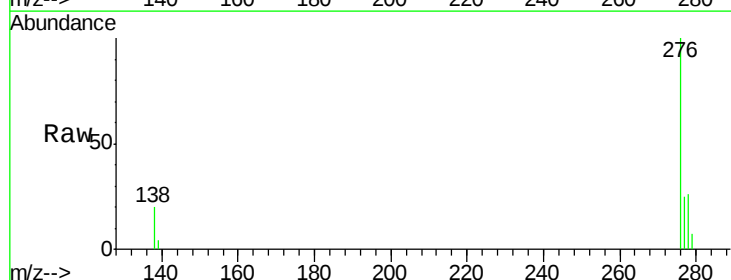
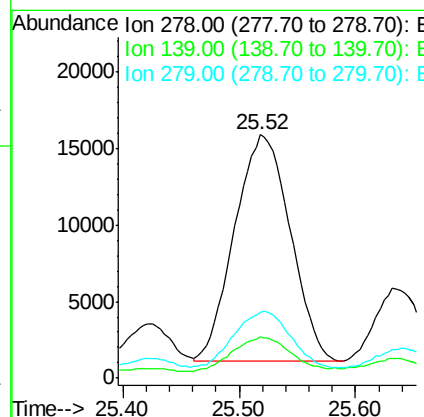
Manual Integrations
 APPROVED

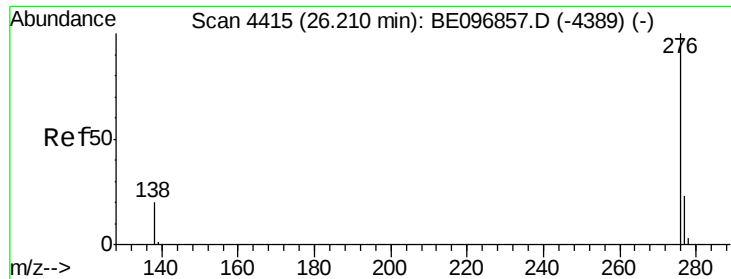
Sohil
 7/9/2018 4:14:16 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.956 ng/ul m
 RT: 25.52 min Scan# 4222
 Delta R.T. -0.01 min
 Lab File: BE096871.D
 Acq: 7 Jul 2018 2:11

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	17.1	17.4	26.0#
279	27.1	25.9	38.9





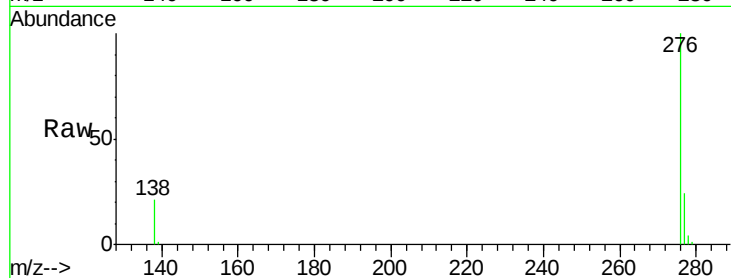
#26
 Benzo(g,h,i)perylene
 Concen: 2.675 ng/ul m
 RT: 26.20 min Scan# 4414
 Delta R.T. 0.00 min
 Lab File: BE096871.D
 Acq: 7 Jul 2018 2:11

Instrument :
 BNA_E
 ClientSampleId :
 F1H08

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.1	21.8	32.8#
277	24.2	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 7/9/2018 4:14:16 PM



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

