

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026856.D
 Acq On : 23 Jul 2020 18:08
 Operator : JU/CG
 Sample : L3381-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 359-GRID-A1-A3

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:16:28 PM

Quant Time: Jul 24 01:53:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	84310	20.00	ng	-0.02
21) Naphthalene-d8	10.04	136	334403	20.00	ng	-0.01
39) Acenaphthene-d10	13.95	164	193212	20.00	ng	-0.01
64) Phenanthrene-d10	16.71	188	396709	20.00	ng	-0.01
76) Chrysene-d12	20.94	240	429271	20.00	ng	0.00
86) Perylene-d12	23.01	264	447390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	408365	81.18	ng	-0.02
7) Phenol-d6	6.50	99	548301	68.42	ng	-0.02
23) Nitrobenzene-d5	8.43	82	372127	47.48	ng	-0.02
42) 2,4,6-Tribromophenol	15.46	330	189261	67.24	ng	-0.01
45) 2-Fluorobiphenyl	12.55	172	703234	48.39	ng	-0.01
79) Terphenyl-d14	19.38	244	991865	45.47	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.42	163	119734	7.245	ng	99
71) Phenanthrene	16.75	178	47961	2.048	ng	98
75) Fluoranthene	18.79	202	187434	6.498	ng	98
78) Pyrene	19.15	202	202855	7.502	ng	99
81) Benzo(a)anthracene	20.92	228	124130	4.305	ng	91
83) Chrysene	20.98	228	144046m	5.132	ng	
84) Bis(2-ethylhexyl)phthalate	20.89	149	50507	2.598	ng	# 98
87) Indeno(1,2,3-cd)pyrene	24.99	276	92222	2.896	ng	96
88) Benzo(b)fluoranthene	22.41	252	173561m	5.888	ng	
89) Benzo(k)fluoranthene	22.44	252	63395m	2.192	ng	
90) Benzo(a)pyrene	22.92	252	143250	5.235	ng	# 90
92) Benzo(a,h,i)perylene	25.59	276	95098	3.839	ng	99

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

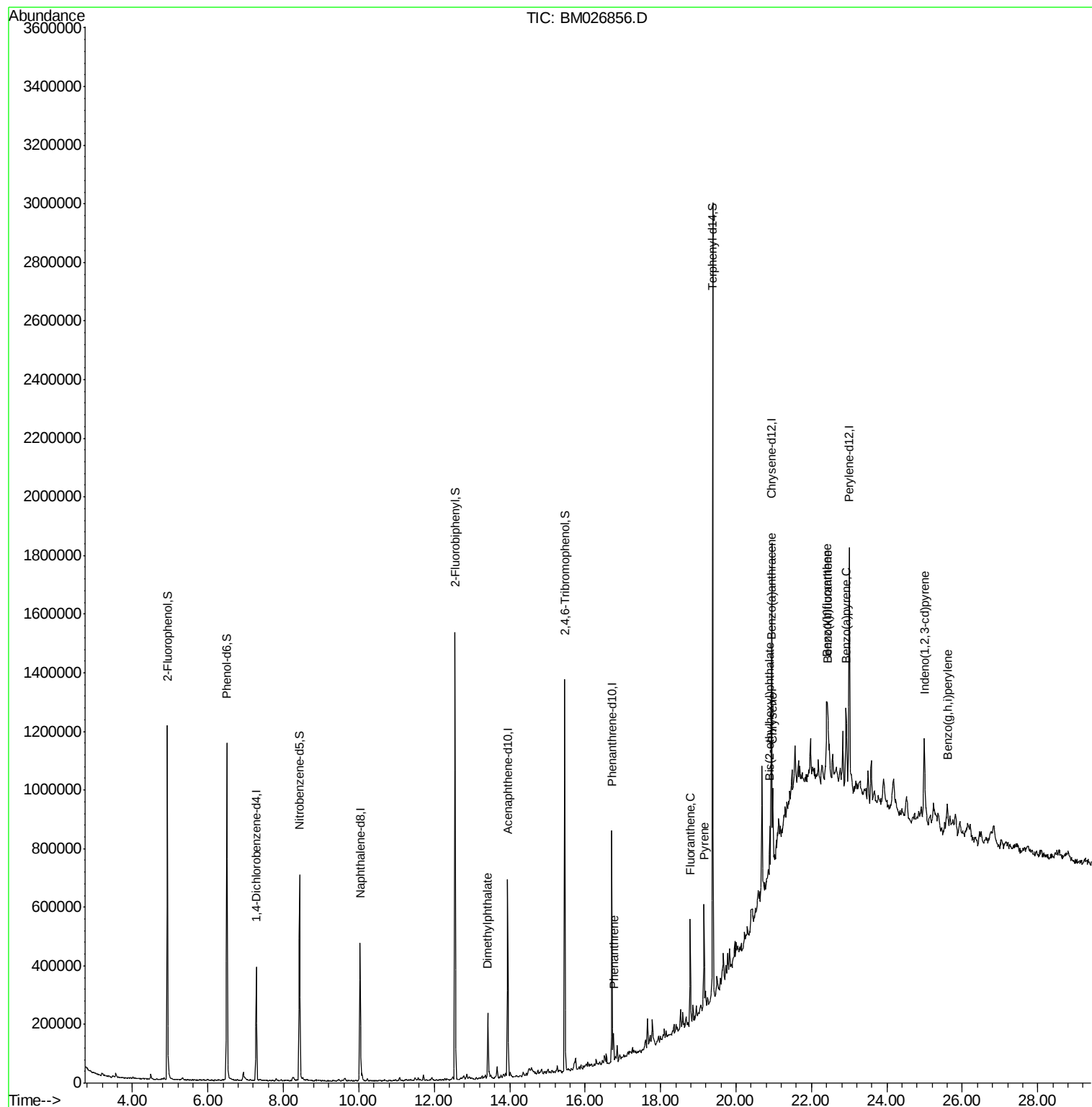
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026856.D
Acq On : 23 Jul 2020 18:08
Operator : JU/CG
Sample : L3381-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

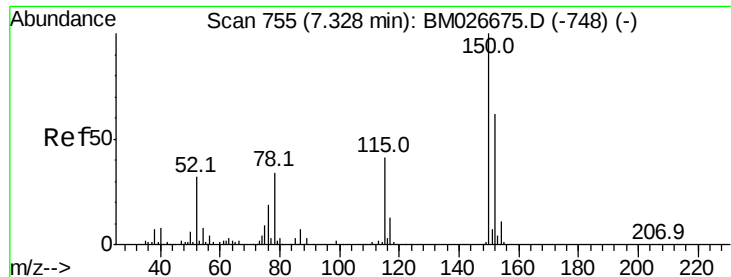
Instrument :
BNA_M
ClientSampleId :
359-GRID-A1-A3

Manual Integrations
APPROVED

Sohil
7/24/2020 12:16:28 PM

Quant Time: Jul 24 01:53:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 14:16:10 2020
Response via : Initial Calibration





#1

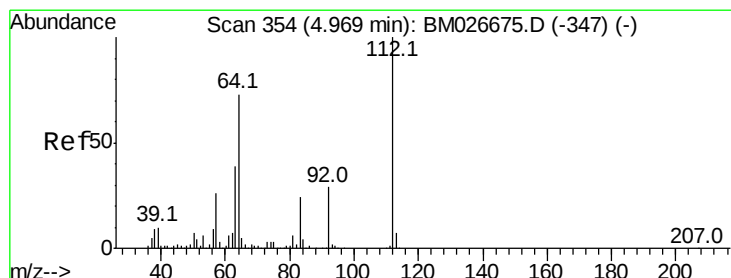
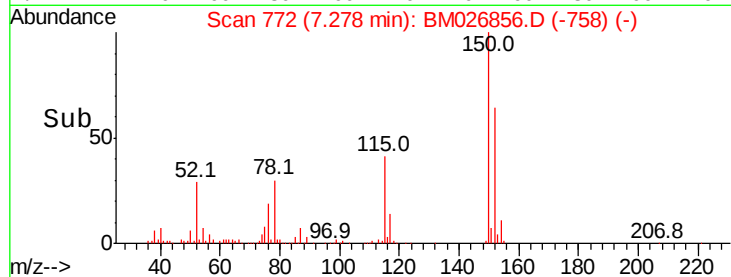
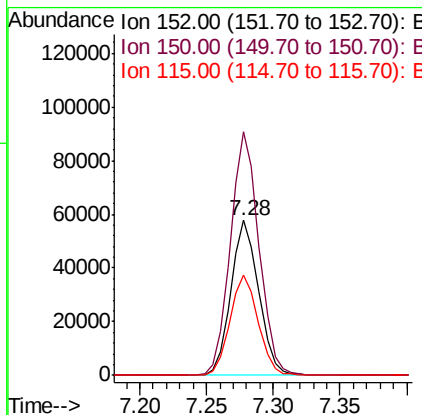
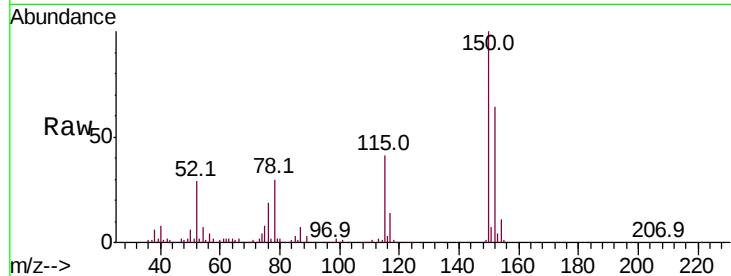
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026856.D
Acq: 23 Jul 2020 18:08

Instrument :
BNA_M
ClientSampleId :
359-GRID-A1-A3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	128.1	192.1
115	64.6	52.2	78.4

Manual Integrations
APPROVED

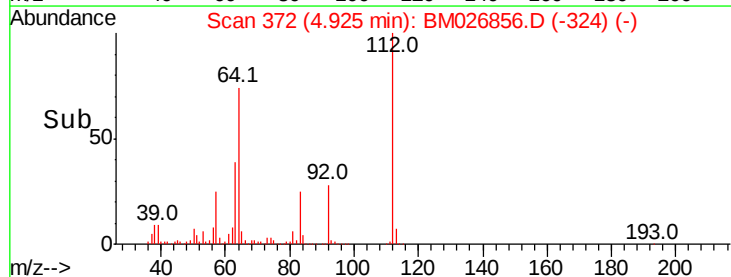
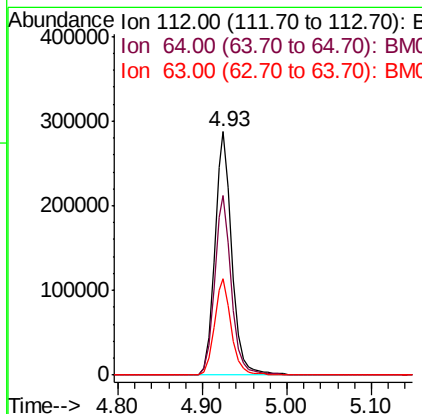
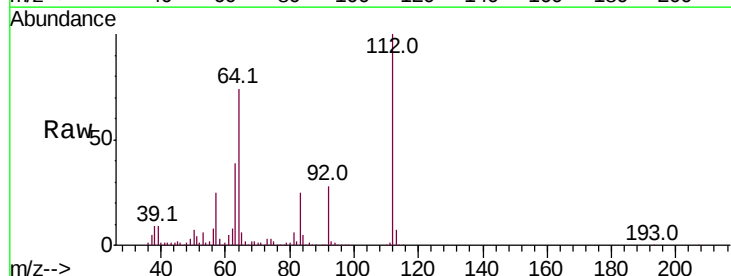
Sohil
7/24/2020 12:16:28 PM

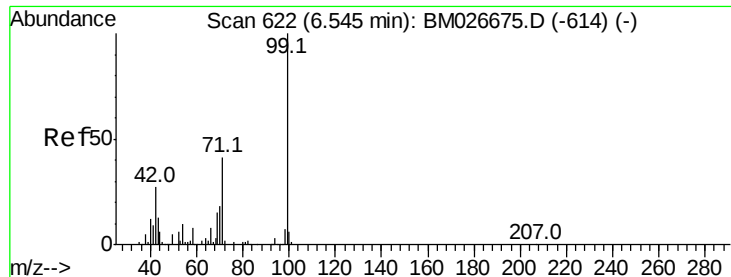


#5

2-Fluorophenol
Concen: 81.183 ng
RT: 4.93 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026856.D
Acq: 23 Jul 2020 18:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	58.4	87.6
63	39.4	31.5	47.3





#7

Phenol-d6

Concen: 68.415 ng

RT: 6.50 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM026856.D

Acq: 23 Jul 2020 18:08

Instrument :

BNA_M

ClientSampleId :

359-GRID-A1-A3

Tot Ion: 99 Resp: 548301

Ion Ratio Lower Upper

99 100

42 26.0 21.7 32.5

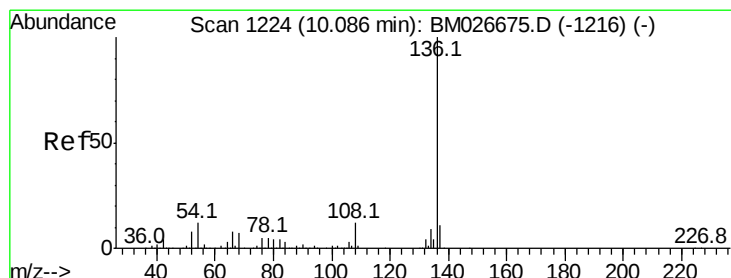
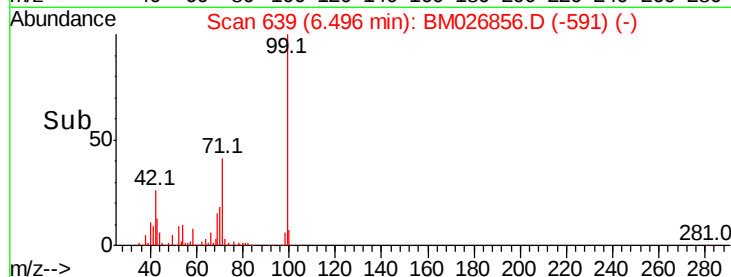
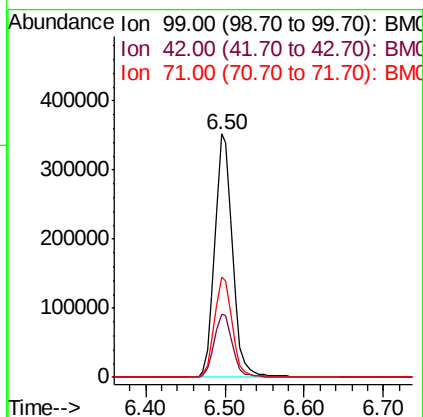
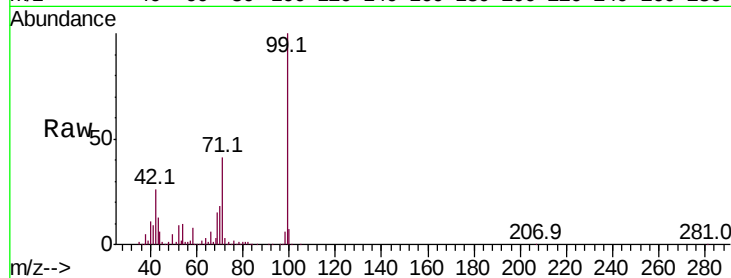
71 41.2 33.2 49.8

Manual Integrations

APPROVED

Sohil

7/24/2020 12:16:28 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.04 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BM026856.D

Acq: 23 Jul 2020 18:08

Tgt Ion: 136 Resp: 334403

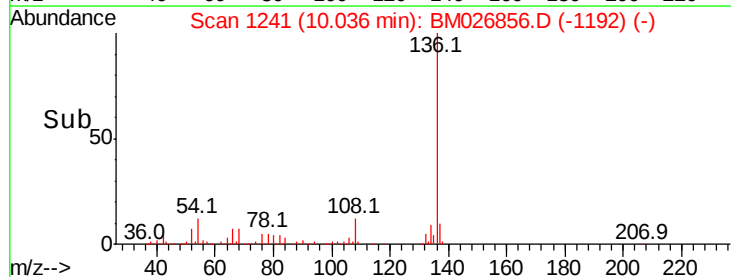
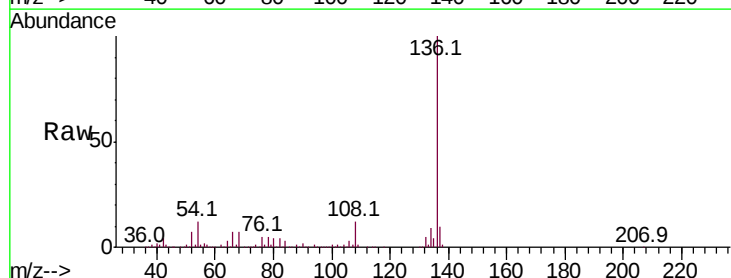
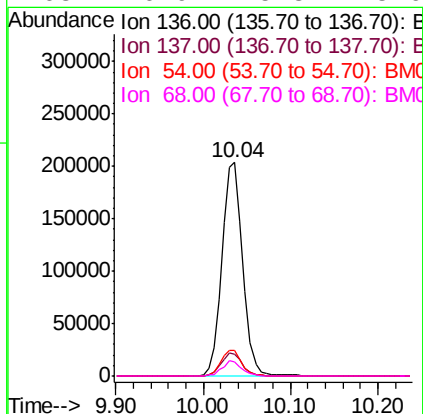
Ion Ratio Lower Upper

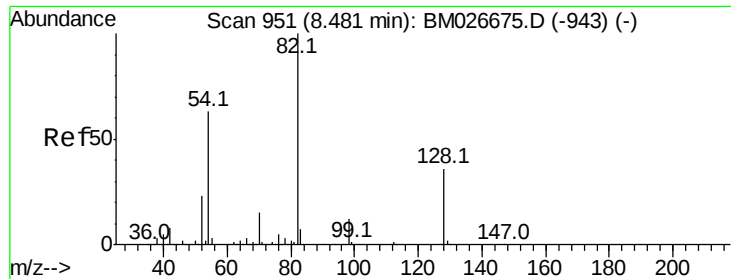
136 100

137 10.2 8.6 12.8

54 11.9 9.8 14.6

68 6.9 5.8 8.6





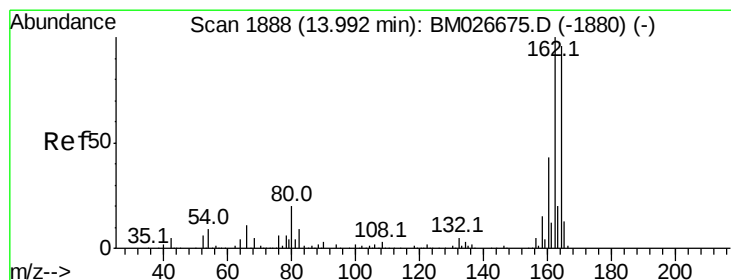
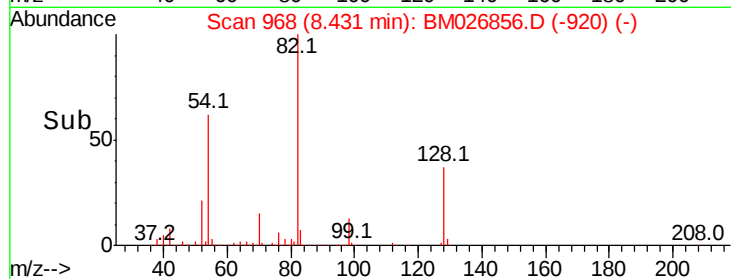
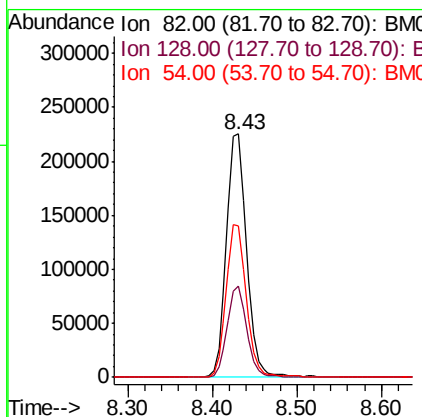
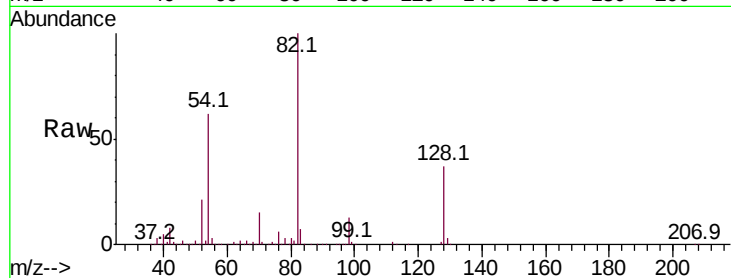
#23
 Nitrobenzene-d5
 Concen: 47.476 ng
 RT: 8.43 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BM026856.D
 Acq: 23 Jul 2020 18:08

Instrument :
 BNA_M
 ClientSampleId :
 359-GRID-A1-A3

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.1	43.7
54	62.4	50.2	75.4

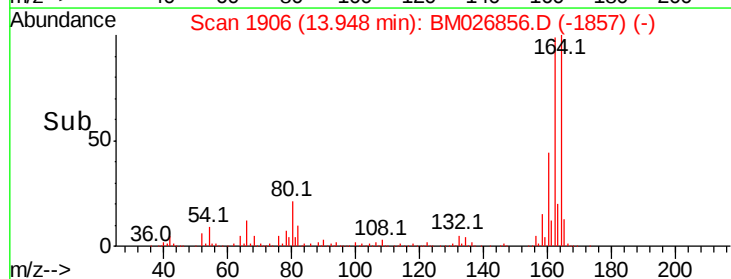
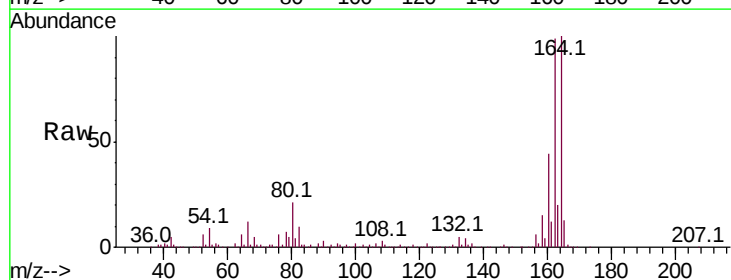
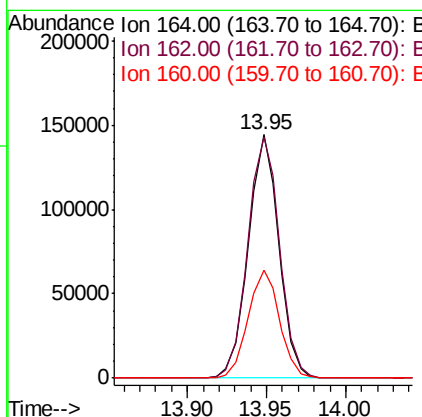
Manual Integrations
 APPROVED

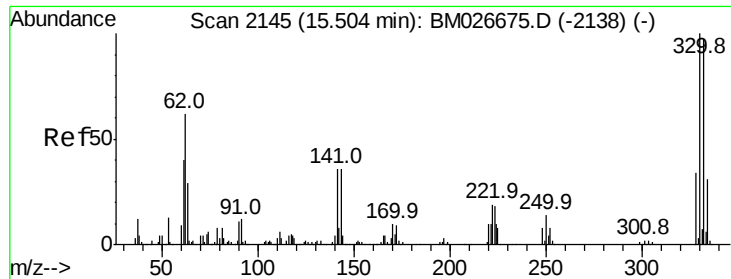
Sohil
 7/24/2020 12:16:28 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.95 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BM026856.D
 Acq: 23 Jul 2020 18:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	83.7	125.5
160	44.4	36.2	54.2





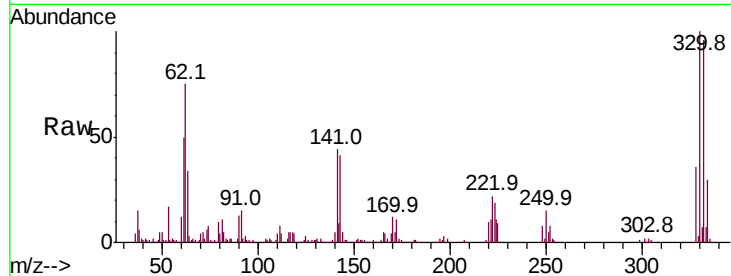
#42
 2,4,6-Tribromophenol
 Concen: 67.245 ng
 RT: 15.46 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BM026856.D
 Acq: 23 Jul 2020 18:08

Instrument :
 BNA_M
 ClientSampleId :
 359-GRID-A1-A3

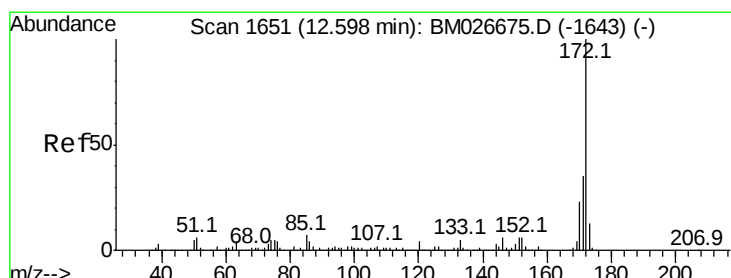
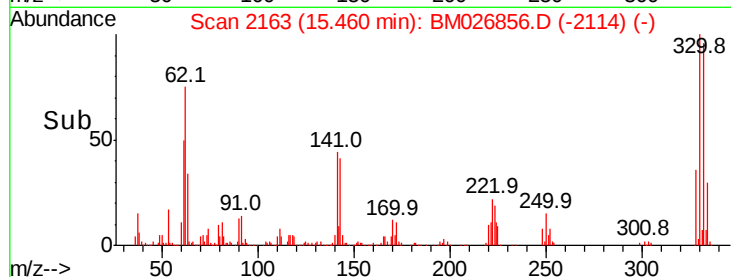
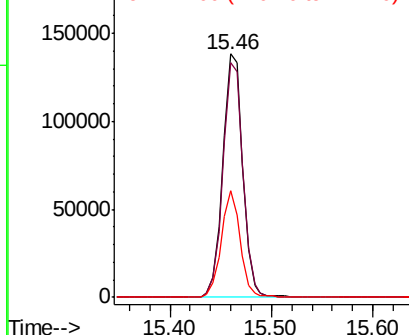
Tot Ion	Ratio	Resp	Lower	Upper
330	100	189261		
332	97.1	77.5	116.3	
141	41.1	32.4	48.6	

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:16:28 PM

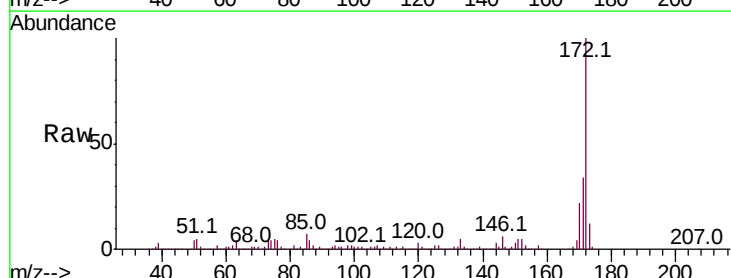


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

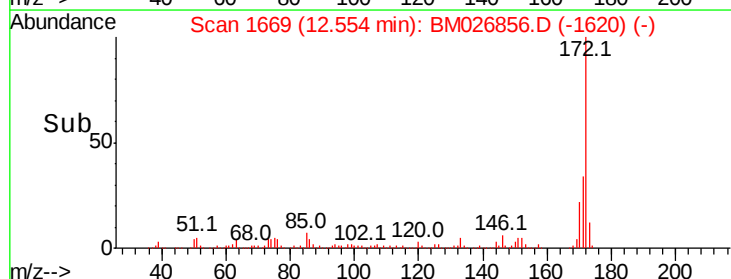
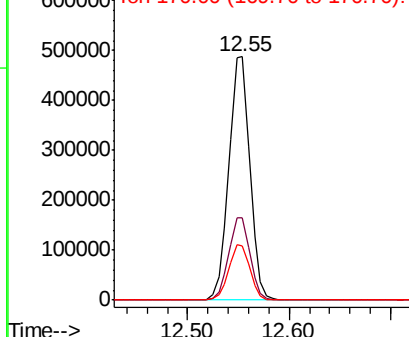


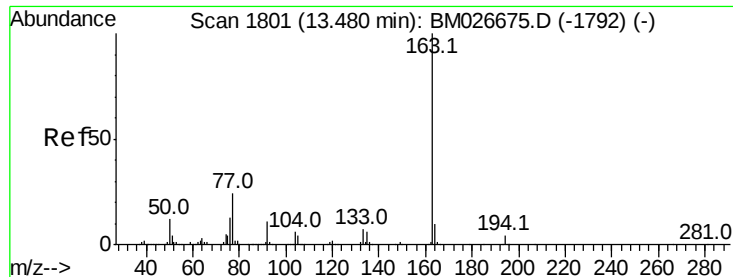
#45
 2-Fluorobiphenyl
 Concen: 48.395 ng
 RT: 12.55 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM026856.D
 Acq: 23 Jul 2020 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	703234		
171	34.0	27.8	41.6	
170	22.4	18.5	27.7	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





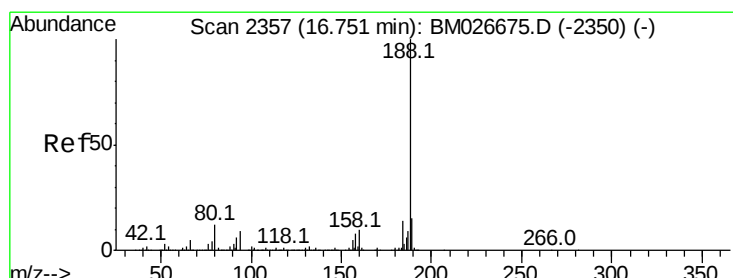
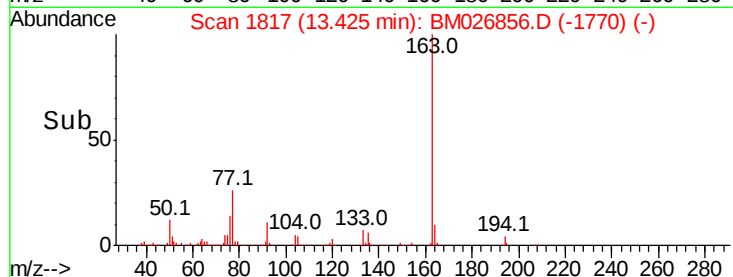
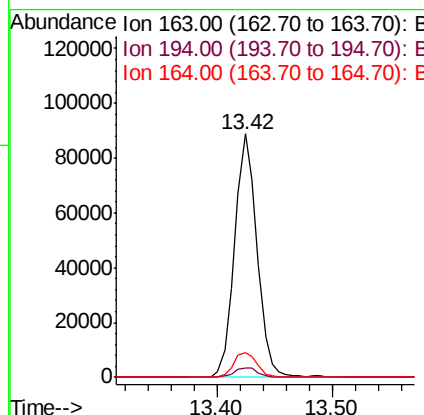
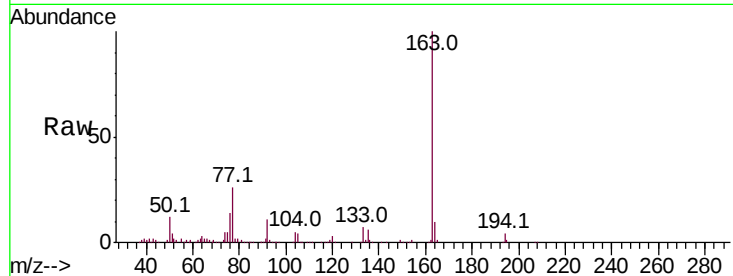
#50
Dimethylphthalate
Concen: 7.245 ng
RT: 13.42 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BM026856.D
Acq: 23 Jul 2020 18:08

Instrument :
BNA_M
ClientSampleId :
359-GRID-A1-A3

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.2
164	9.9	7.8	11.6

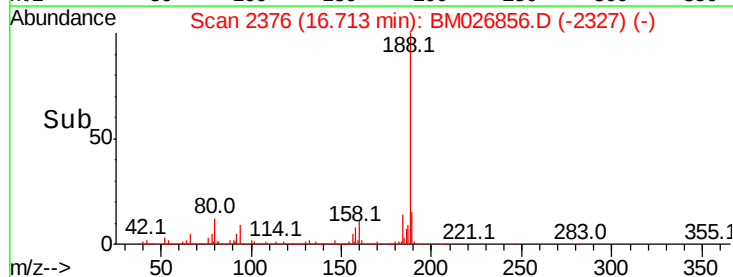
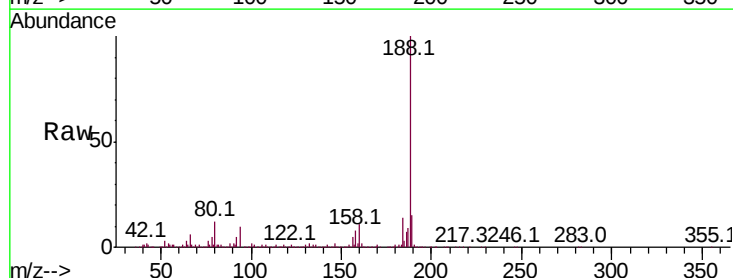
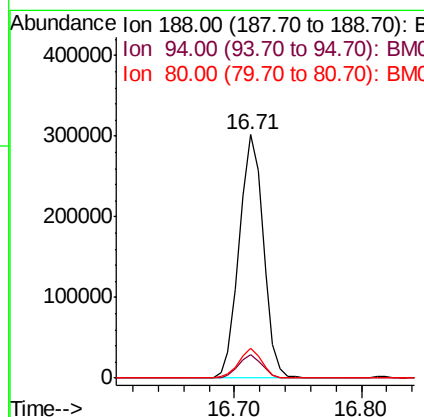
Manual Integrations
APPROVED

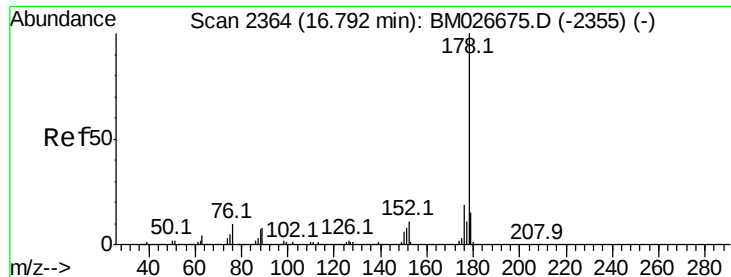
Sohil
7/24/2020 12:16:28 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BM026856.D
Acq: 23 Jul 2020 18:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.0
80	12.0	9.3	13.9





#71

Phenanthrene

Concen: 2.048 ng

RT: 16.75 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM026856.D

Acq: 23 Jul 2020 18:08

Instrument :

BNA_M

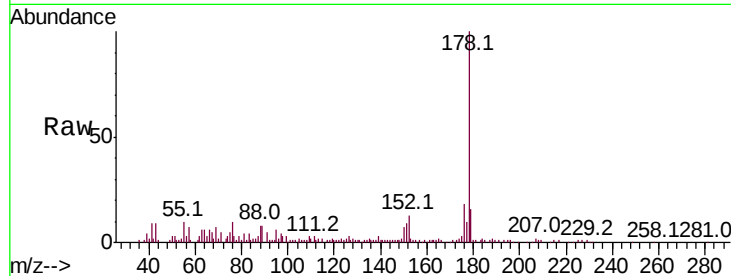
ClientSampleId :

359-GRID-A1-A3

Tot Ion:	178	Resp:	47961
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.0	22.6
179	16.2	12.1	18.1

Manual Integrations
APPROVED

Sohil
7/24/2020 12:16:28 PM

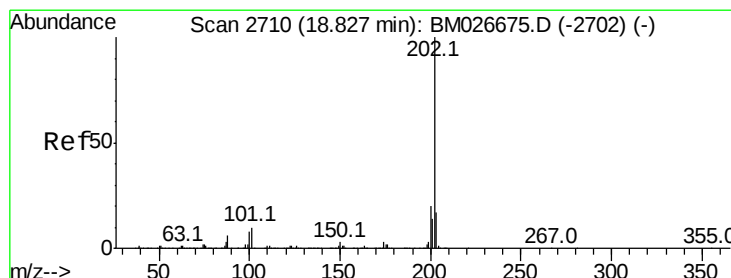
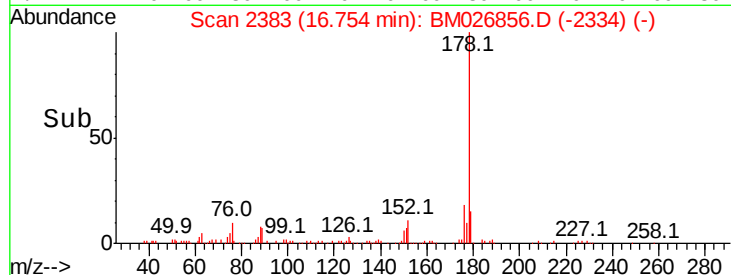
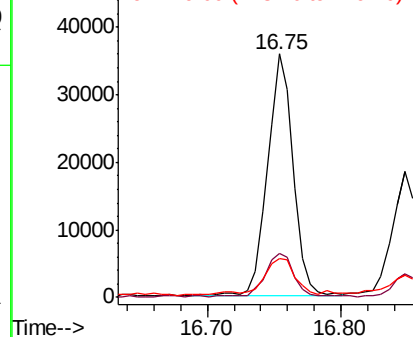


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 6.498 ng

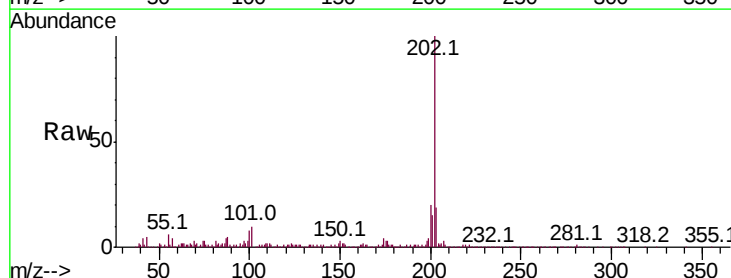
RT: 18.79 min Scan# 2729

Delta R.T. -0.01 min

Lab File: BM026856.D

Acq: 23 Jul 2020 18:08

Tgt Ion:	202	Resp:	187434
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	30.1
203	18.7	0.0	37.2

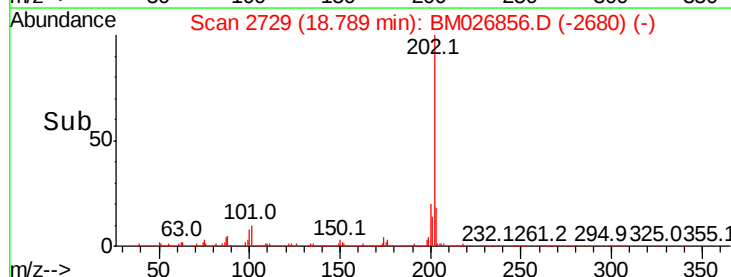
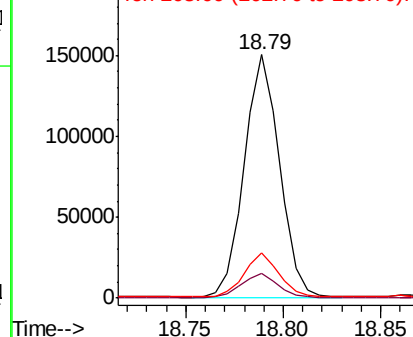


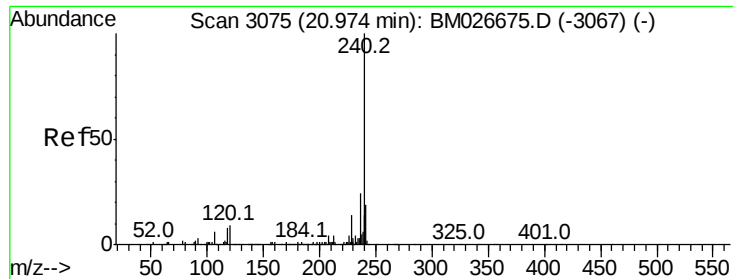
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





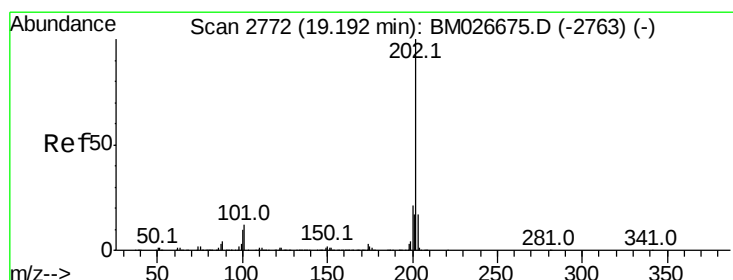
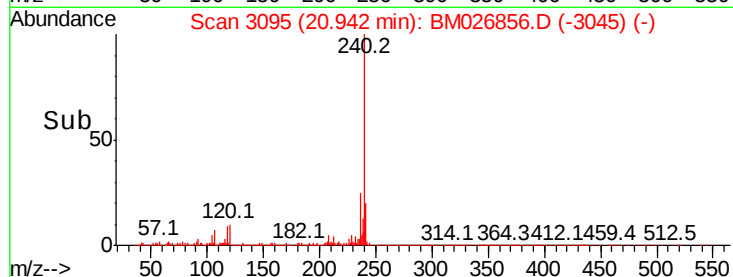
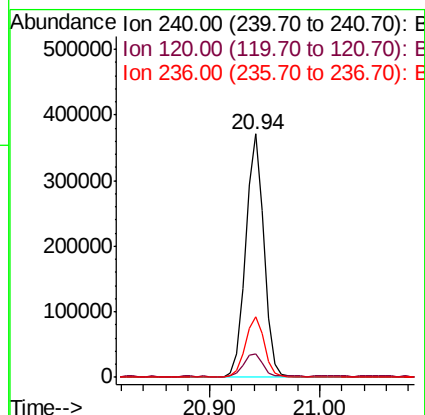
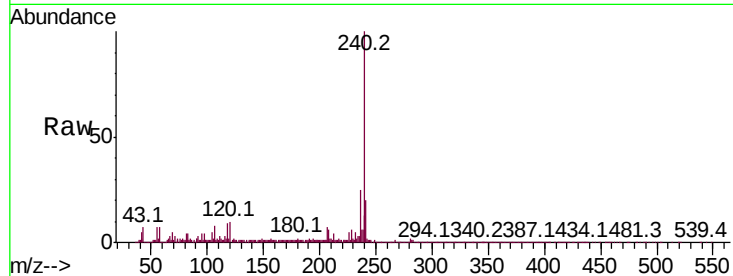
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM026856.D
Acq: 23 Jul 2020 18:08

Instrument :
BNA_M
ClientSampleId :
359-GRID-A1-A3

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.3	10.9
236	24.9	19.4	29.2

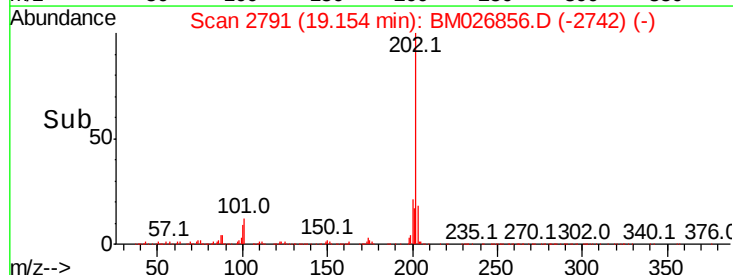
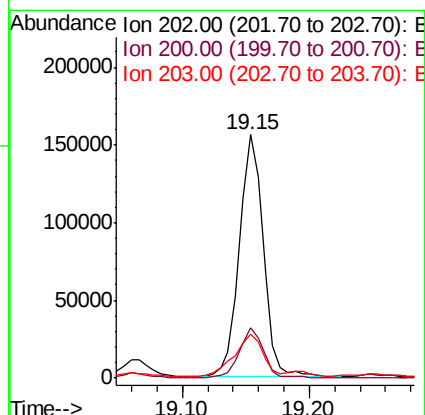
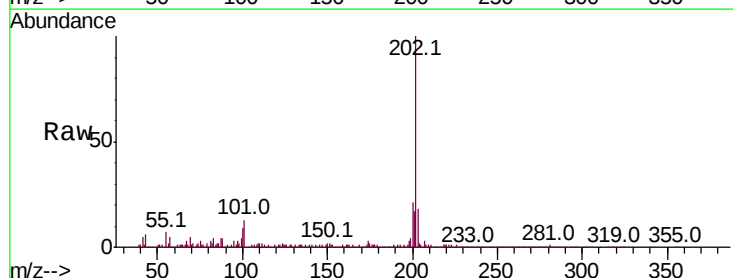
Manual Integrations
APPROVED

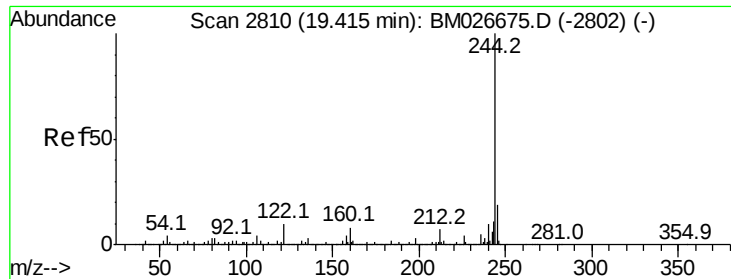
Sohil
7/24/2020 12:16:28 PM



#78
Pyrene
Concen: 7.502 ng
RT: 19.15 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM026856.D
Acq: 23 Jul 2020 18:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.1	13.7	20.5





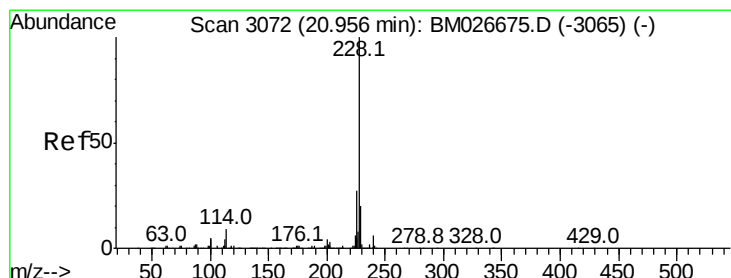
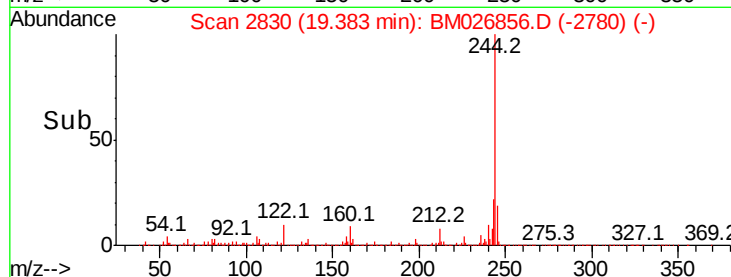
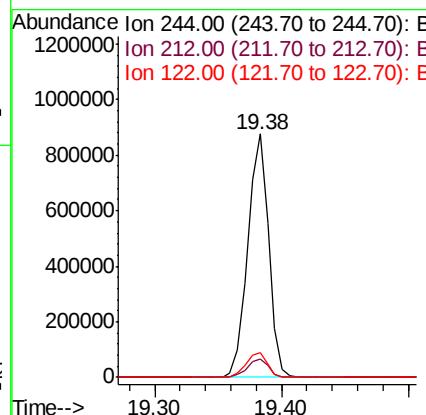
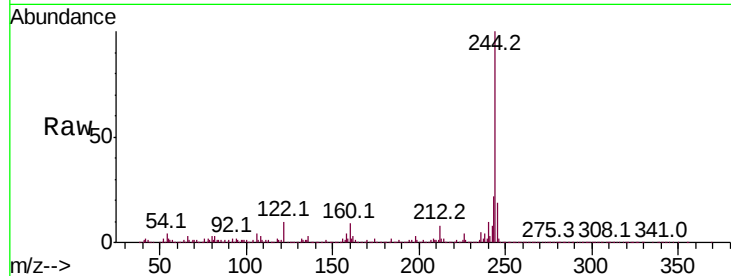
#79
 Terphenyl-d14
 Concen: 45.473 ng
 RT: 19.38 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM026856.D
 Acq: 23 Jul 2020 18:08

Instrument :
 BNA_M
 ClientSampleId :
 359-GRID-A1-A3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.9	8.2	12.4

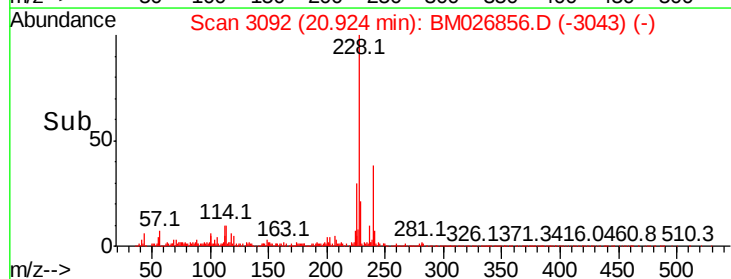
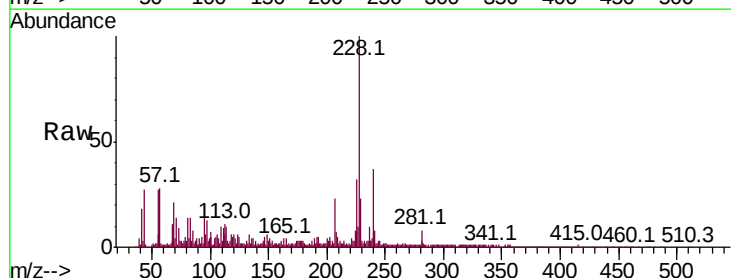
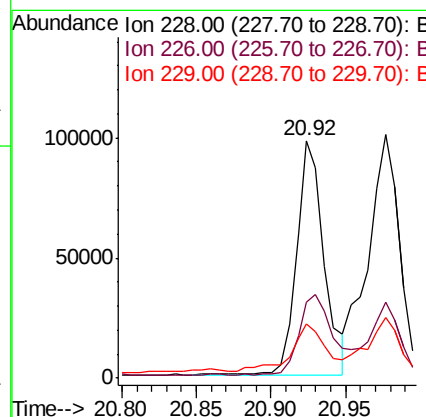
Manual Integrations
 APPROVED

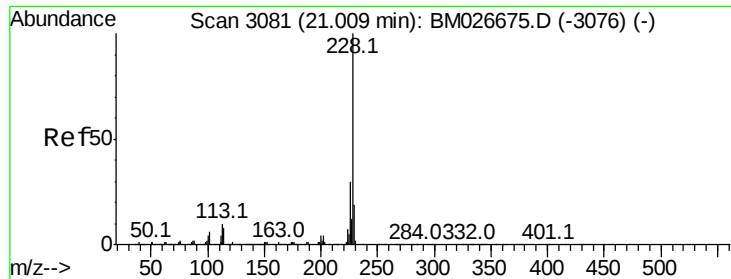
Sohil
 7/24/2020 12:16:28 PM



#81
 Benzo(a)anthracene
 Concen: 4.305 ng
 RT: 20.92 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM026856.D
 Acq: 23 Jul 2020 18:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.4	32.2
229	22.6	15.6	23.4





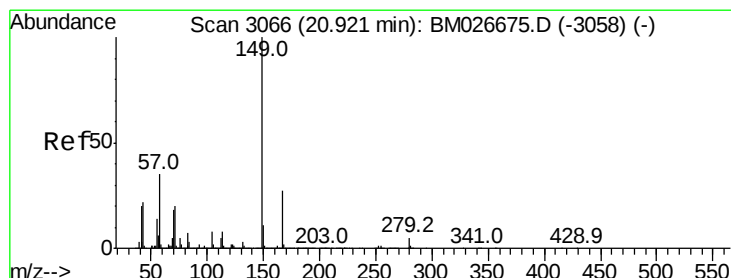
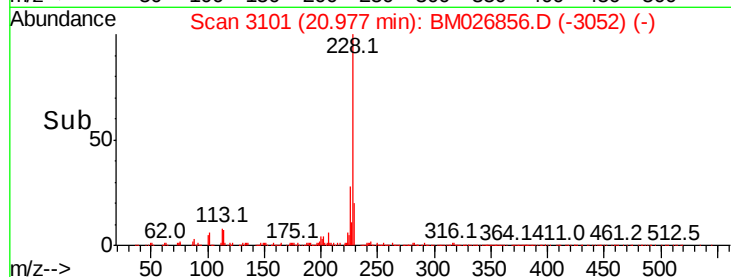
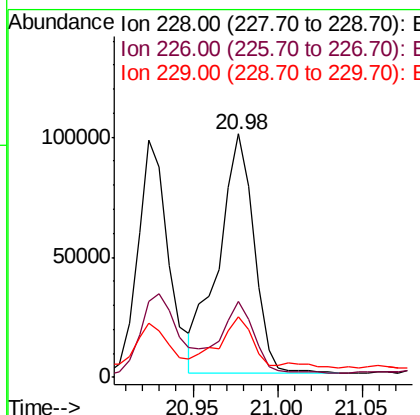
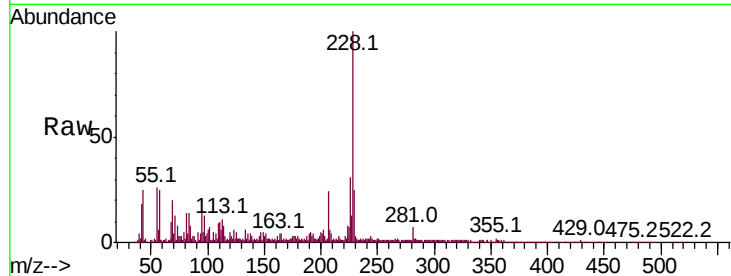
#83
Chrysene
Concen: 5.132 ng/ml
RT: 20.98 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM026856.D
Acq: 23 Jul 2020 18:08

Instrument :
BNA_M
ClientSampleId :
359-GRID-A1-A3

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.7	35.5
229	24.7	15.4	23.0

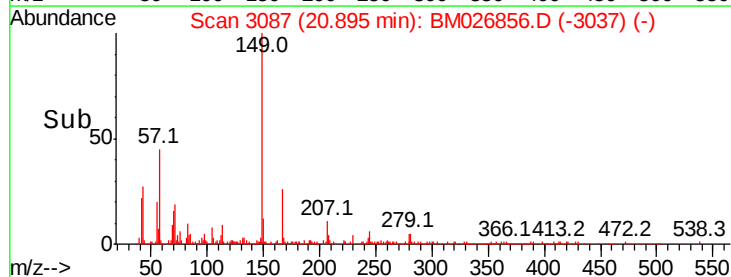
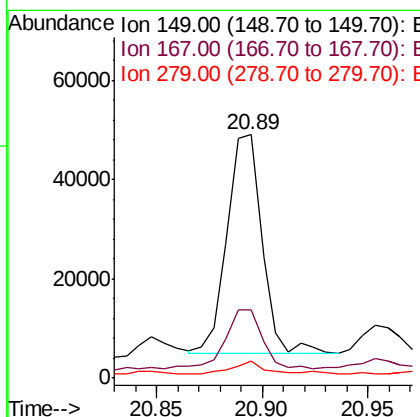
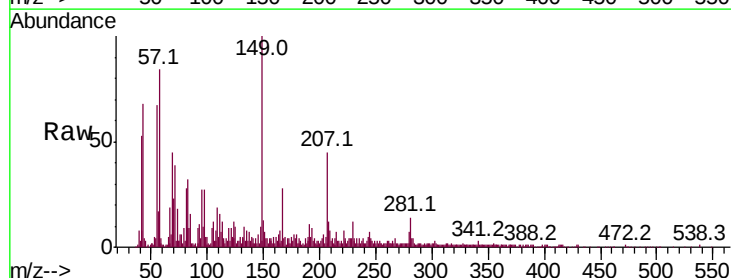
Manual Integrations
APPROVED

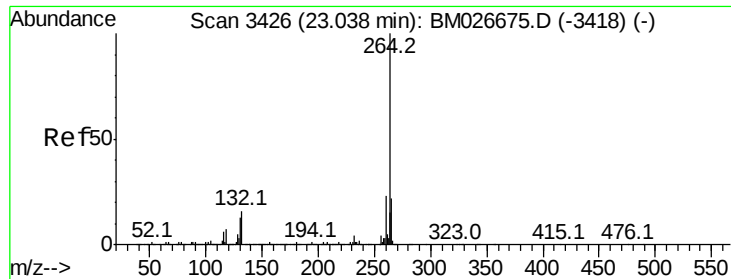
Sohil
7/24/2020 12:16:28 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.598 ng
RT: 20.89 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM026856.D
Acq: 23 Jul 2020 18:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.9	32.9
279	6.8	3.7	5.5





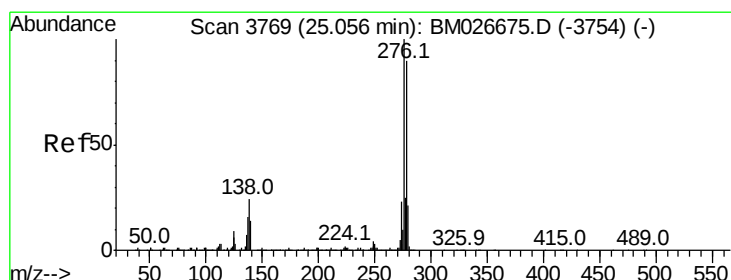
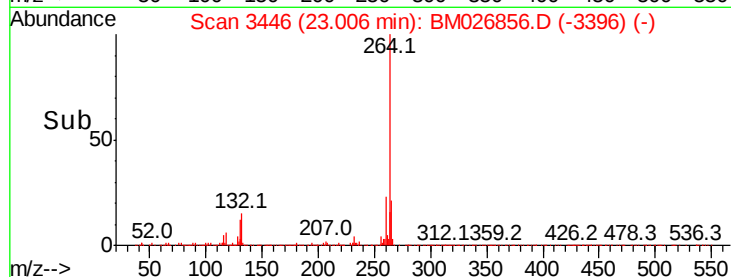
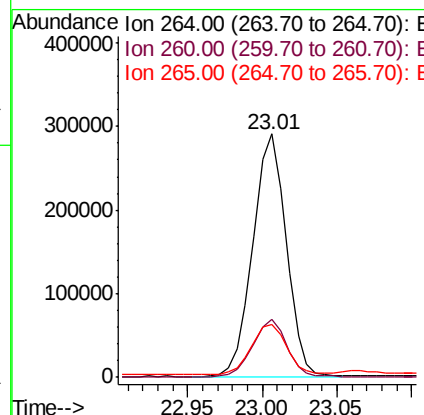
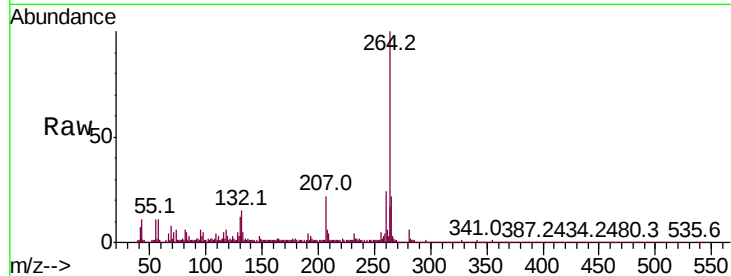
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM026856.D
Acq: 23 Jul 2020 18:08

Instrument :
BNA_M
ClientSampleId :
359-GRID-A1-A3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.8	17.6	26.4

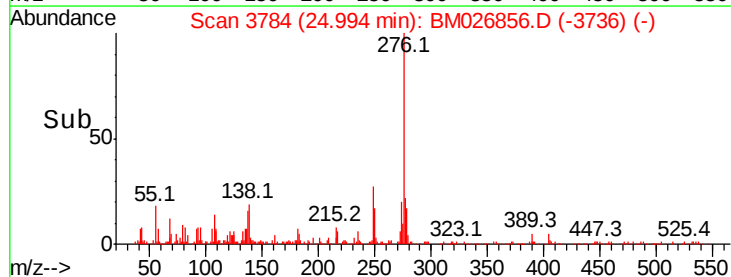
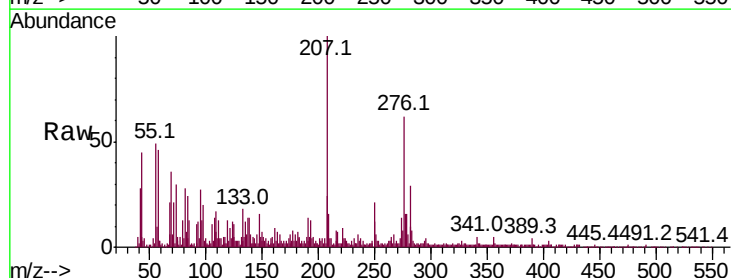
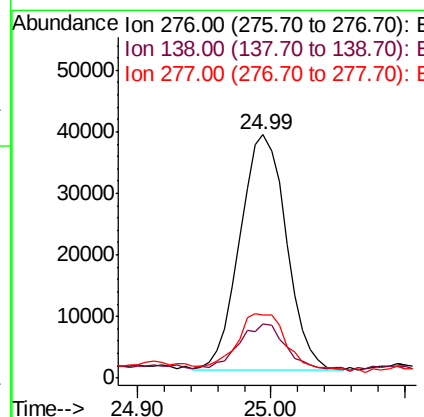
Manual Integrations
APPROVED

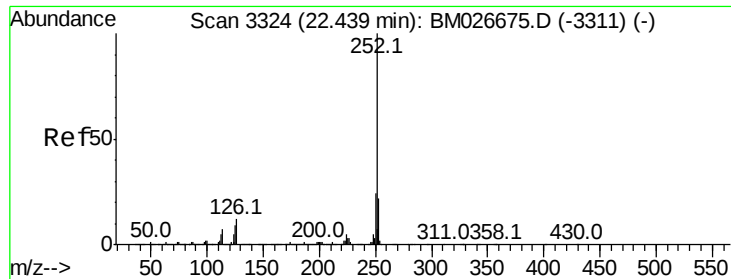
Sohil
7/24/2020 12:16:28 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.896 ng
RT: 24.99 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BM026856.D
Acq: 23 Jul 2020 18:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.4	27.6
277	27.6	20.0	30.0





#88

Benzo(b)fluoranthene

Concen: 5.888 ng m

RT: 22.41 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BM026856.D

Acq: 23 Jul 2020 18:08

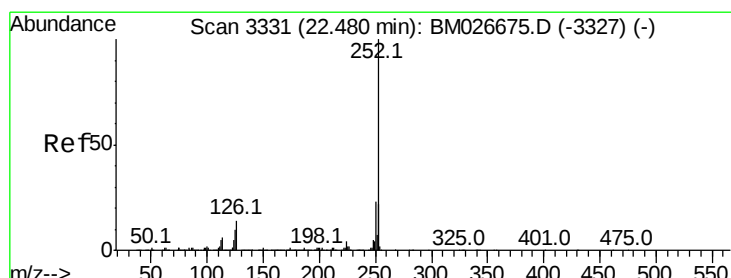
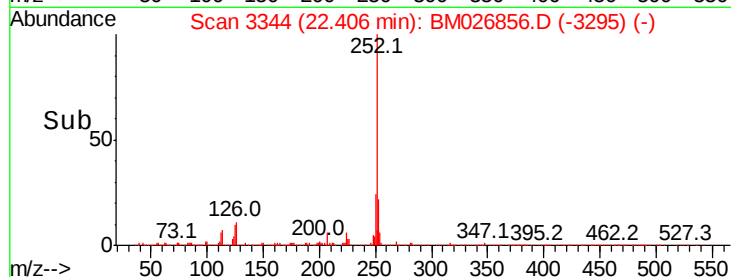
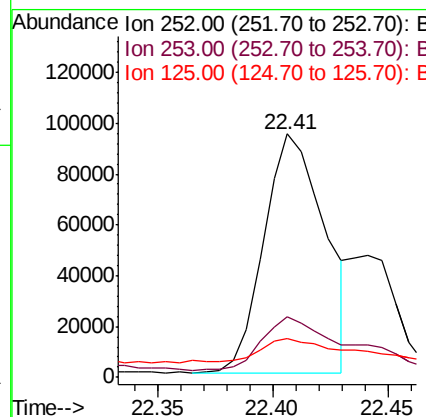
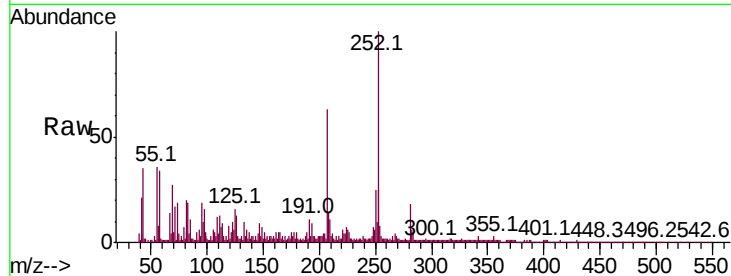
Instrument :
BNA_M

ClientSampleId :
359-GRID-A1-A3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	16.1	7.5	11.3

Manual Integrations
APPROVED

Sohil
7/24/2020 12:16:28 PM



#89

Benzo(k)fluoranthene

Concen: 2.192 ng m

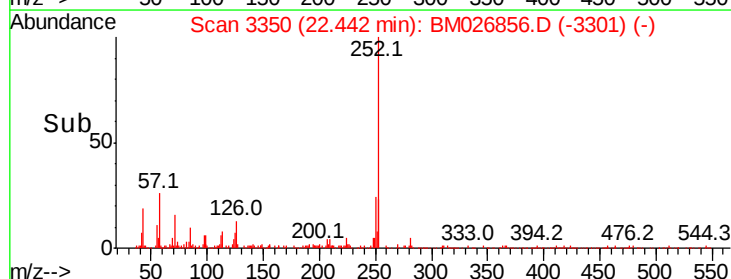
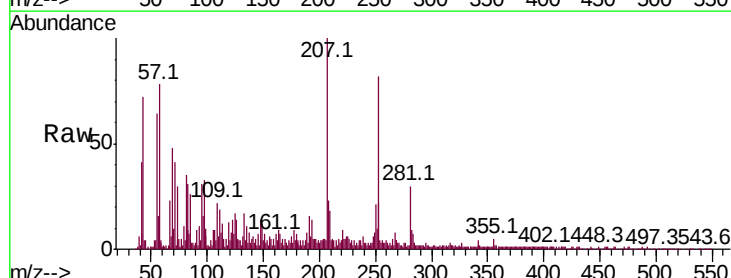
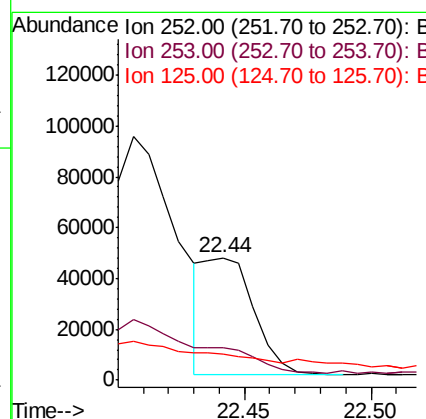
RT: 22.44 min Scan# 3350

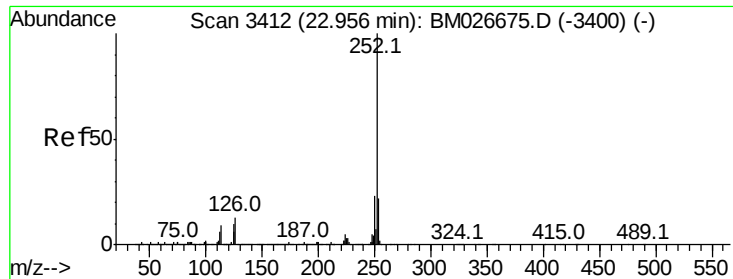
Delta R.T. -0.01 min

Lab File: BM026856.D

Acq: 23 Jul 2020 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.5	26.3
125	20.8	7.8	11.8





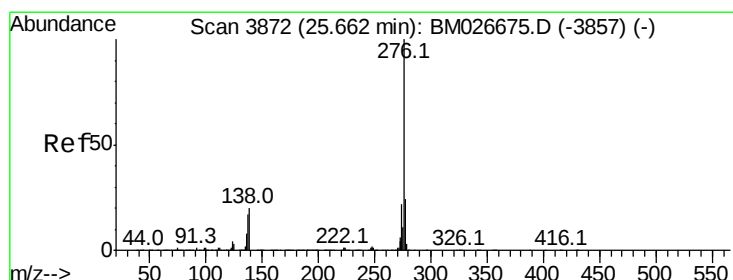
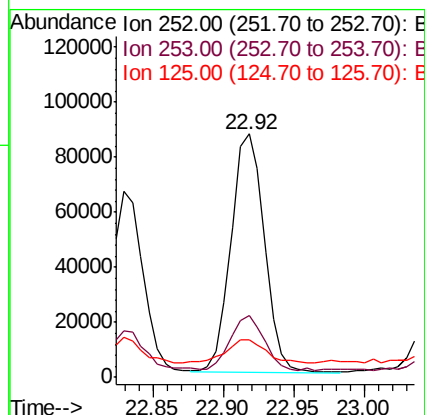
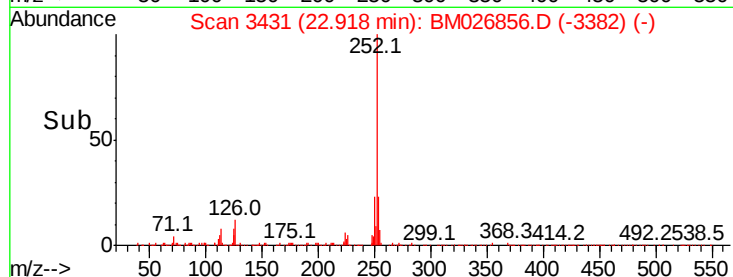
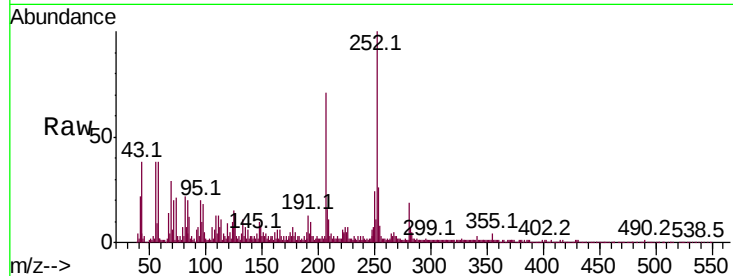
#90
Benzo(a)pyrene
Concen: 5.235 ng
RT: 22.92 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM026856.D
Acq: 23 Jul 2020 18:08

Instrument :
BNA_M
ClientSampleId :
359-GRID-A1-A3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.2
125	15.2	8.2	12.4

Manual Integrations
APPROVED

Sohil
7/24/2020 12:16:28 PM



#92
Benzo(g,h,i)perylene
Concen: 3.839 ng
RT: 25.59 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BM026856.D
Acq: 23 Jul 2020 18:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	19.1	15.8	23.8

