

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002348.D
 Acq On : 01 Jun 2020 20:15
 Operator : CG/JU
 Sample : L2745-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM37-COMP-2020-0-6

Manual Integrations
 APPROVED

mohammad

Quant Time: Jun 03 06:33:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

6/2/2020 3:24:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	297093	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1181522	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	694019	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1457437	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1224955	20.00	ng	0.01
86) Perylene-d12	23.33	264	1277796	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	2028972	128.27	ng	0.00
7) Phenol-d6	6.80	99	2793344	129.81	ng	0.01
23) Nitrobenzene-d5	8.75	82	1874110	95.37	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	928894	141.22	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3759767	95.59	ng	0.00
79) Terphenyl-d14	19.60	244	4540672	89.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
32) Benzoic acid	9.66	122	2707	5.018	ng	92
49) Acenaphthylene	13.97	152	186719	3.141	ng	99
50) Dimethylphthalate	13.72	163	398496	8.483	ng	99
71) Phenanthrene	17.06	178	911912	13.210	ng	98
72) Anthracene	17.15	178	296402	4.363	ng	99
75) Fluoranthene	19.04	202	1792193	22.539	ng	99
78) Pyrene	19.39	202	1728351	22.659	ng	99
81) Benzo(a)anthracene	21.10	228	926389	13.211	ng	97
83) Chrysene	21.16	228	838566	12.461	ng	98
87) Indeno(1,2,3-cd)pyrene	25.56	276	565335	7.148	ng	98
88) Benzo(b)fluoranthene	22.67	252	1093280m	15.693	ng	
89) Benzo(k)fluoranthene	22.71	252	391105m	5.850	ng	
90) Benzo(a)pyrene	23.24	252	833700	12.901	ng	# 98
91) Dibenzo(a,h)anthracene	25.57	278	147872	2.293	ng	# 82
92) Benzo(a,h,i)perylene	26.24	276	585739	8.905	ng	# 94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002348.D
Acq On : 01 Jun 2020 20:15
Operator : CG/JU
Sample : L2745-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

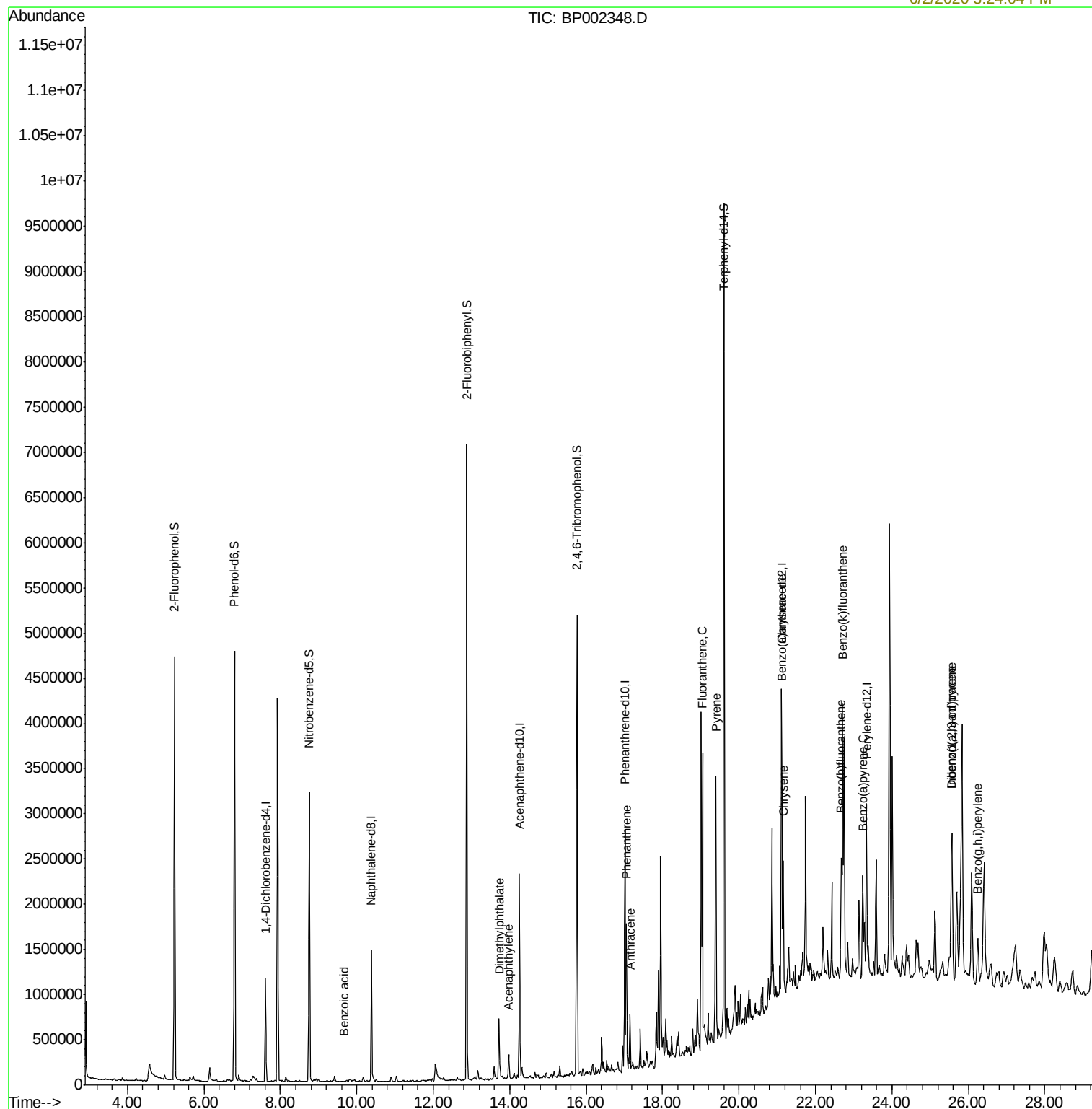
Instrument :
BNA_P
ClientSampleId :
NM37-COMP-2020-0-6

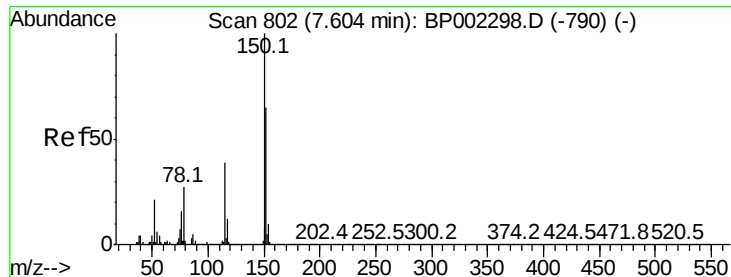
Manual Integrations
APPROVED

mohammad

Quant Time: Jun 03 06:33:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration

6/2/2020 3:24:04 PM





#1

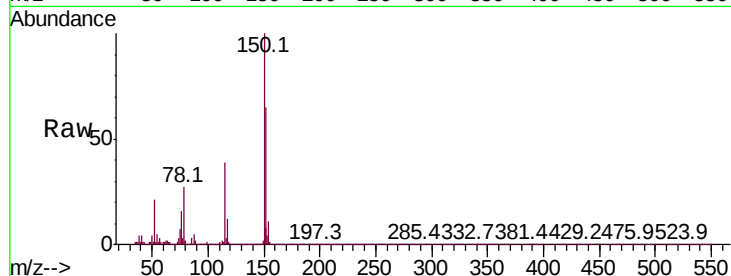
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Instrument :
BNA_P
ClientSampleId :
NM37-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.7	187.1
115	59.2	49.4	74.2

Manual Integrations
APPROVED

mohammad

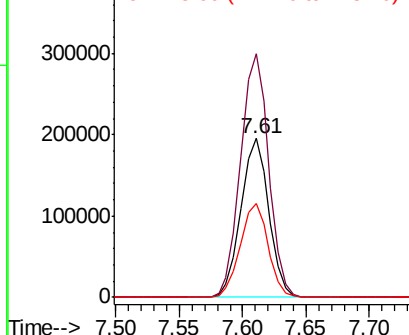


Abundance

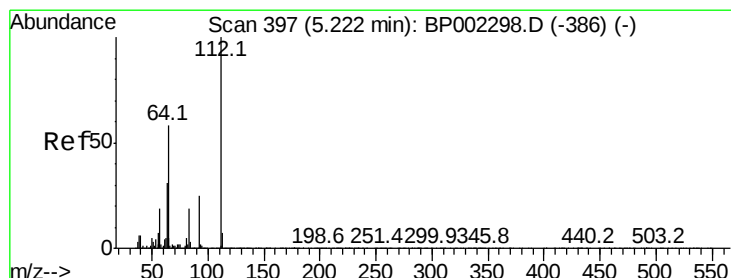
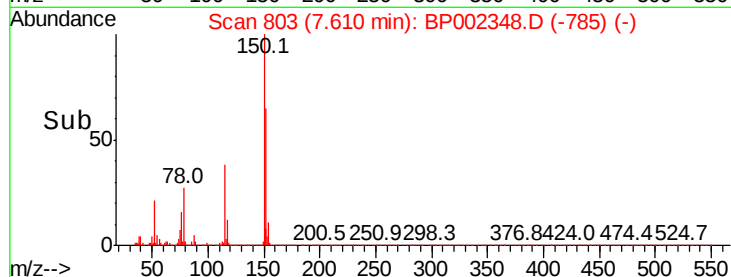
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



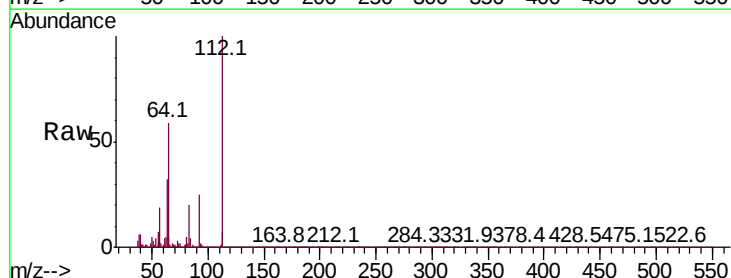
6/2/2020 3:24:04 PM



#5

2-Fluorophenol
Concen: 128.266 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.0	70.4
63	31.6	24.0	36.0

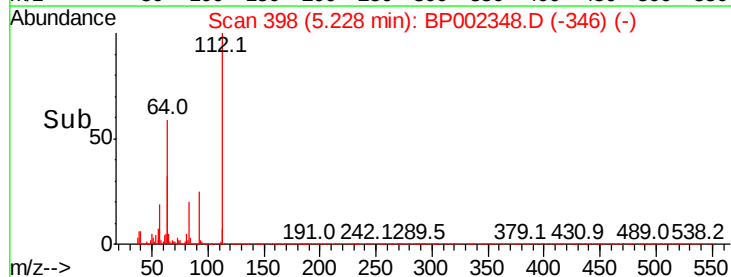
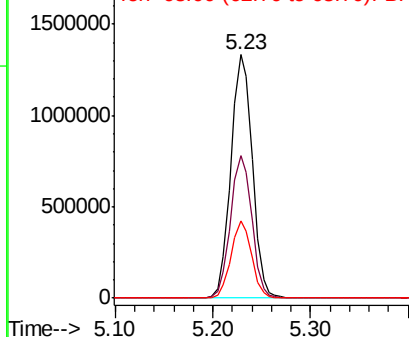


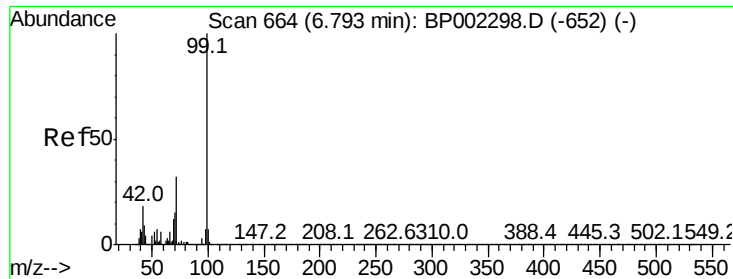
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 129.812 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.01 min

Lab File: BP002348.D

Acq: 01 Jun 2020 20:15

Instrument :

BNA_P

ClientSampleId :

NM37-COMP-2020-0-6

Tot Ion: 99 Resp: 2793344

Ion Ratio Lower Upper

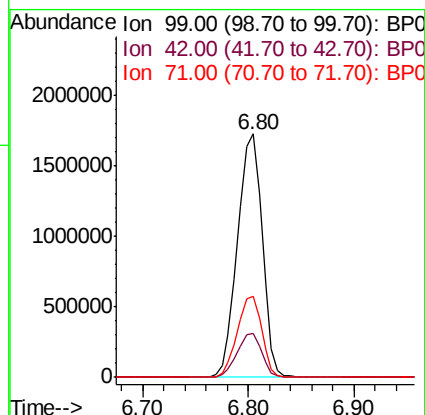
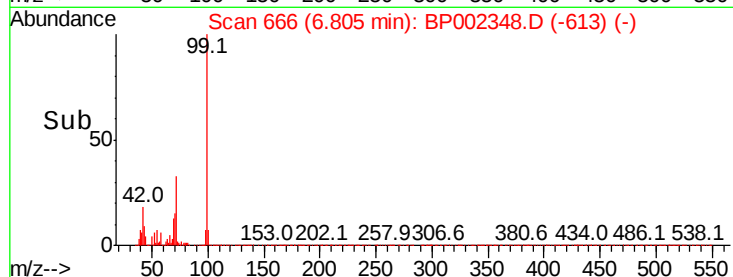
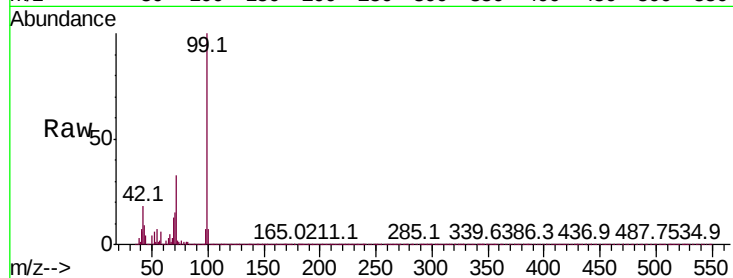
99 100

42 18.0 13.9 20.9

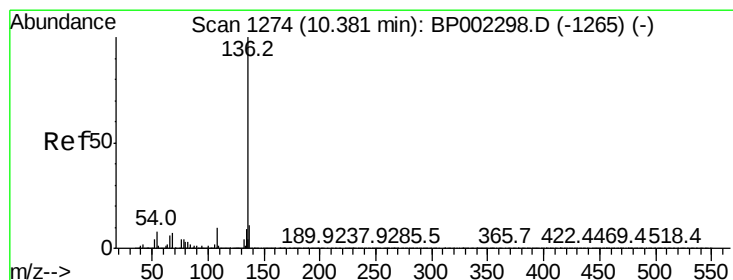
71 33.4 25.8 38.8

Manual Integrations
APPROVED

mohammad



6/2/2020 3:24:04 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BP002348.D

Acq: 01 Jun 2020 20:15

Tgt Ion: 136 Resp: 1181522

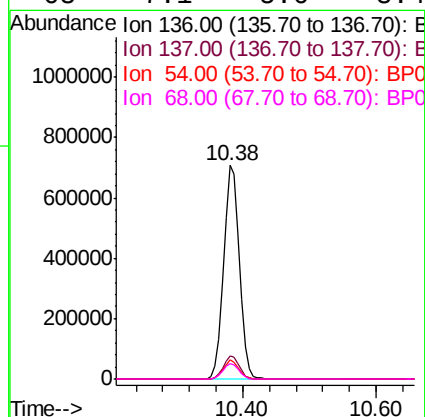
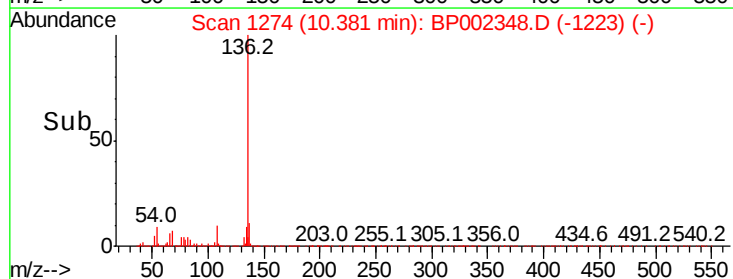
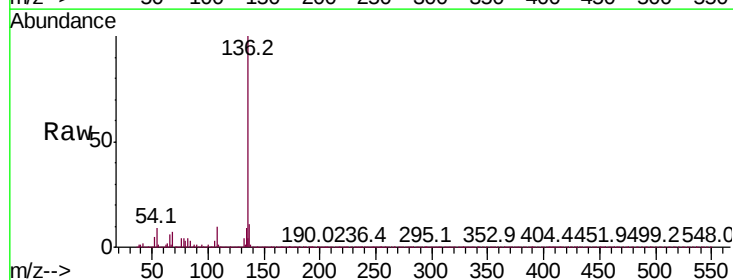
Ion Ratio Lower Upper

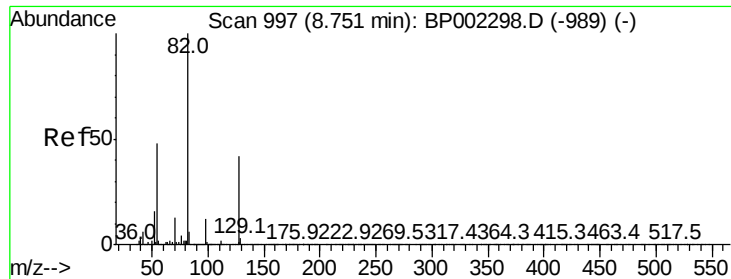
136 100

137 10.8 8.8 13.2

54 8.9 6.9 10.3

68 7.1 5.6 8.4





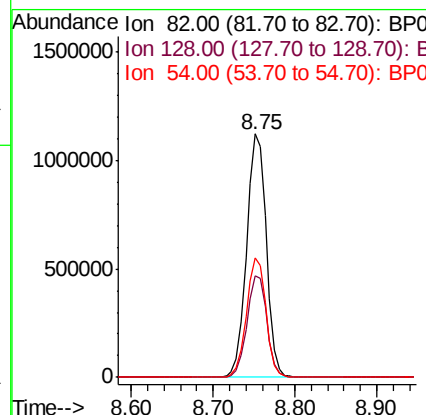
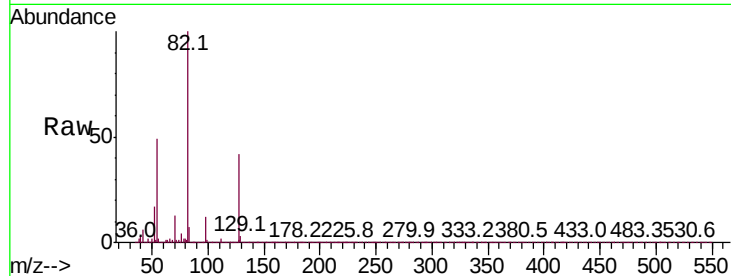
#23
Nitrobenzene-d5
Concen: 95.365 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.00 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Instrument :
BNA_P
ClientSampleId :
NM37-COMP-2020-0-6

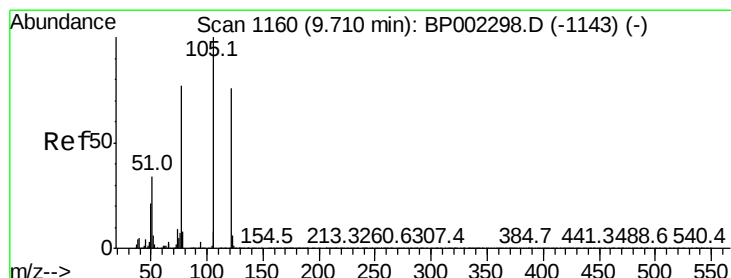
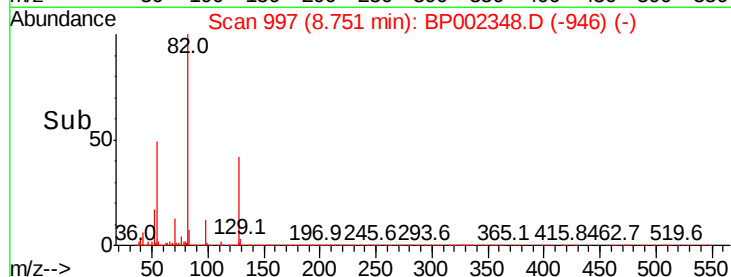
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.0
54	49.1	38.3	57.5

Manual Integrations
APPROVED

mohammad

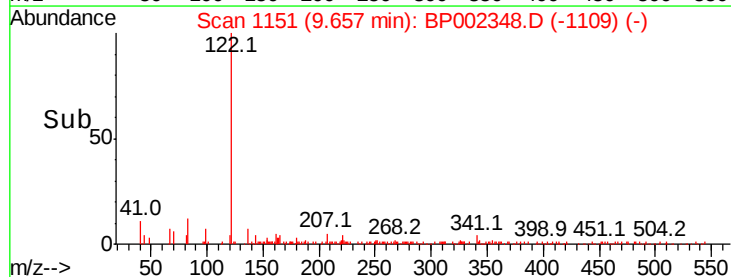
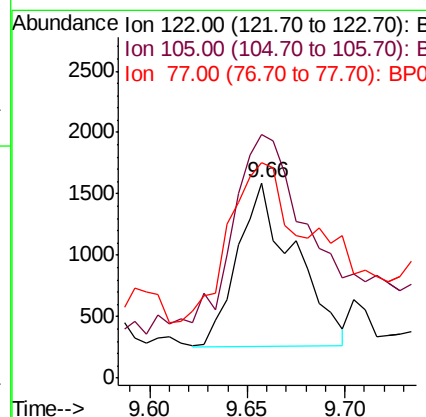
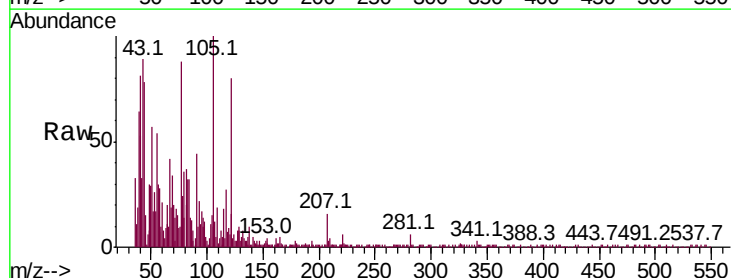


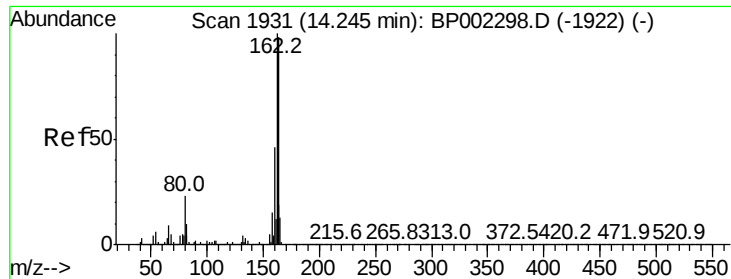
6/2/2020 3:24:04 PM



#32
Benzoic acid
Concen: 5.018 ng
RT: 9.66 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.5	102.7	142.7
77	110.0	74.8	114.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1933

Delta R.T. 0.01 min

Lab File: BP002348.D

Acq: 01 Jun 2020 20:15

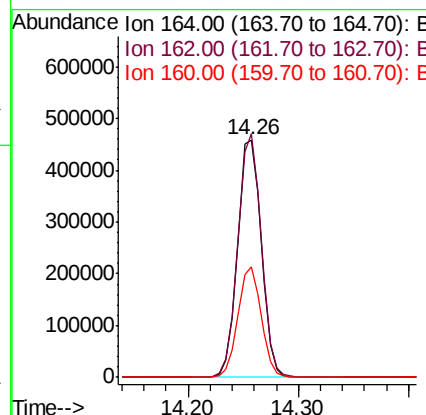
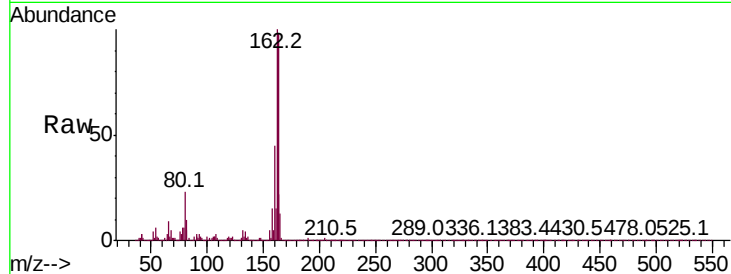
Instrument :
BNA_P

ClientSampleId :
NM37-COMP-2020-0-6

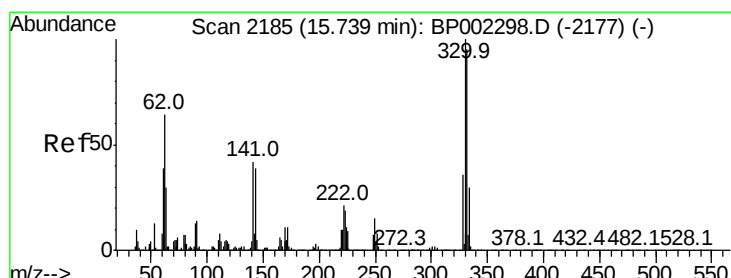
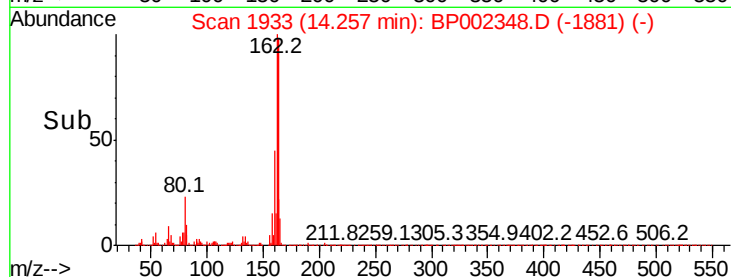
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.3	121.9
160	46.5	37.2	55.8

Manual Integrations
APPROVED

mohammad



6/2/2020 3:24:04 PM



#42

2,4,6-Tribromophenol

Concen: 141.221 ng

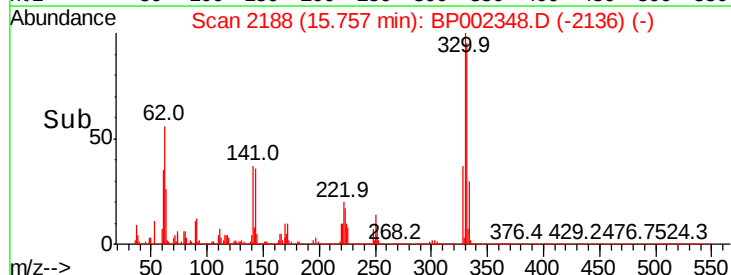
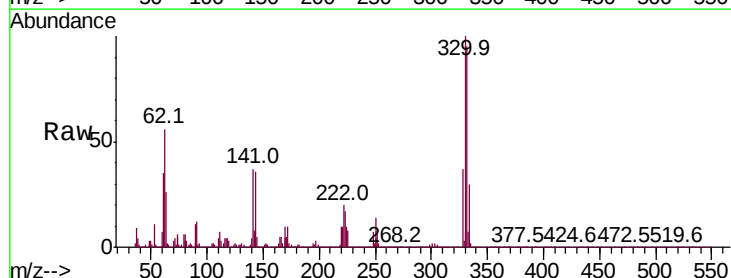
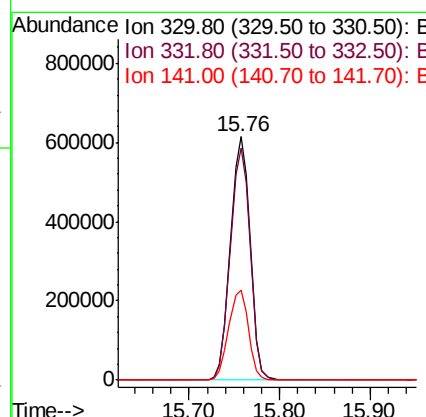
RT: 15.76 min Scan# 2188

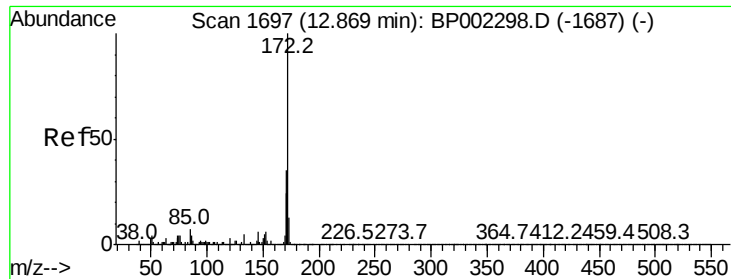
Delta R.T. 0.01 min

Lab File: BP002348.D

Acq: 01 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	37.2	31.4	47.2





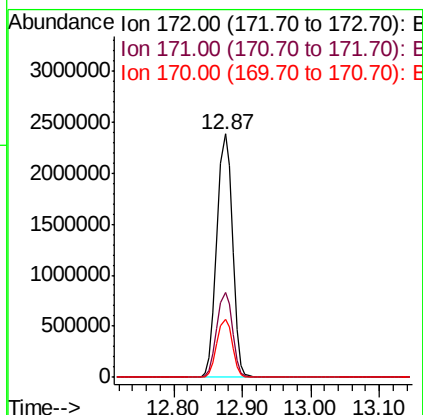
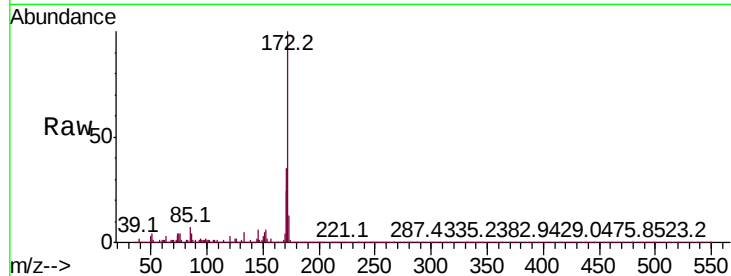
#45
2-Fluorobiphenyl
Concen: 95.592 ng
RT: 12.87 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Instrument :
BNA_P
ClientSampleId :
NM37-COMP-2020-0-6

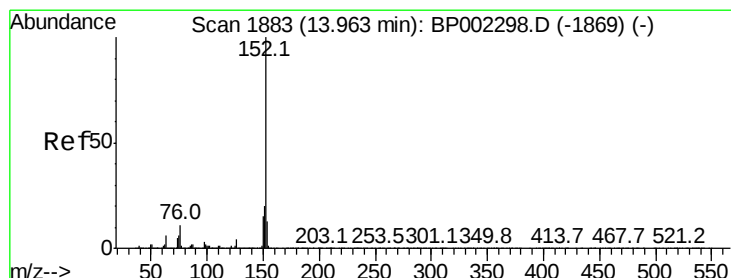
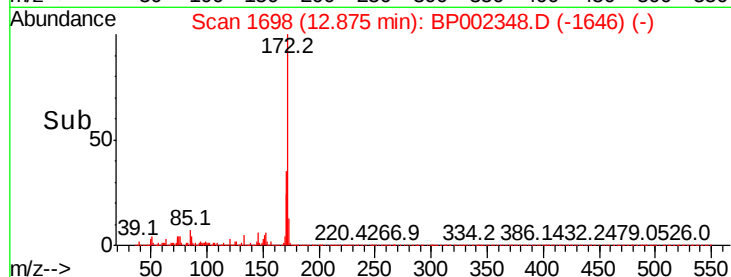
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.6	41.4
170	23.8	18.9	28.3

Manual Integrations
APPROVED

mohammad

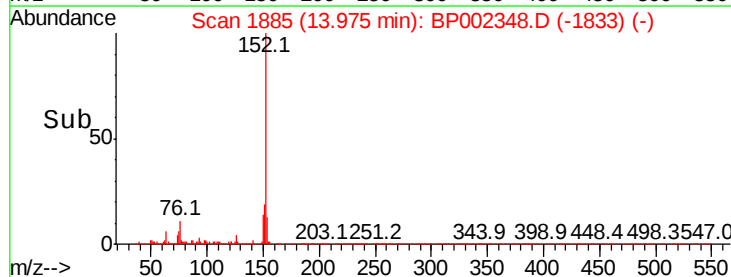
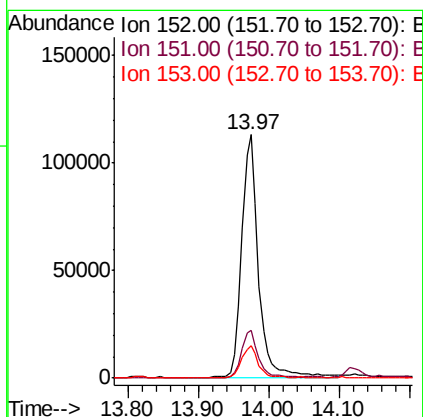
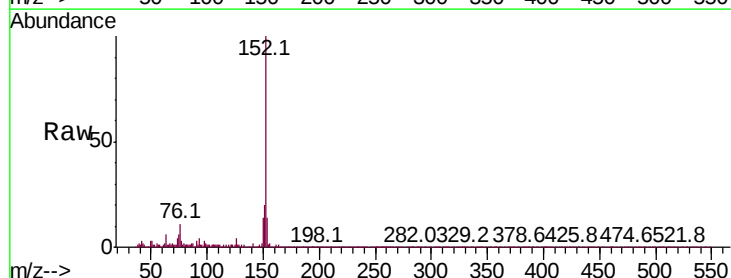


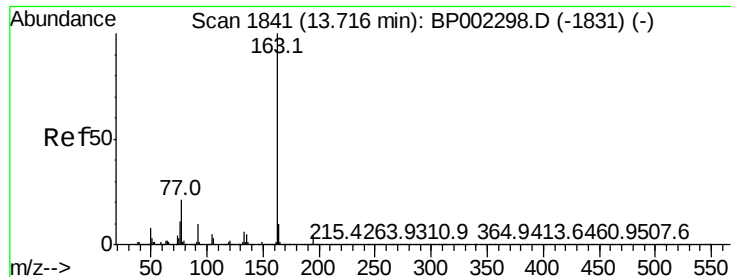
6/2/2020 3:24:04 PM



#49
Acenaphthylene
Concen: 3.141 ng
RT: 13.97 min Scan# 1885
Delta R.T. 0.01 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.6	10.4	15.6





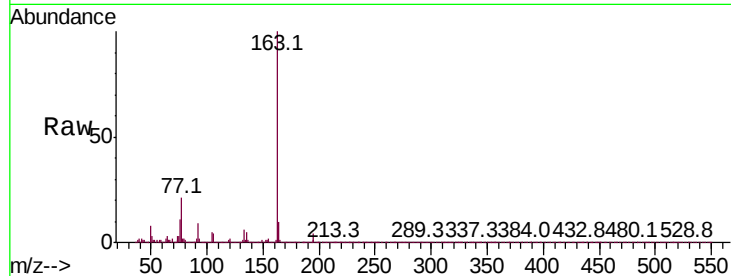
#50
Dimethylphthalate
Concen: 8.483 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Instrument :
BNA_P
ClientSampleId :
NM37-COMP-2020-0-6

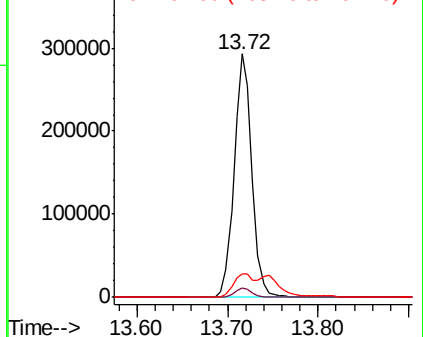
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	3.2	4.8	
164	9.6	8.1	12.1	

Manual Integrations
APPROVED

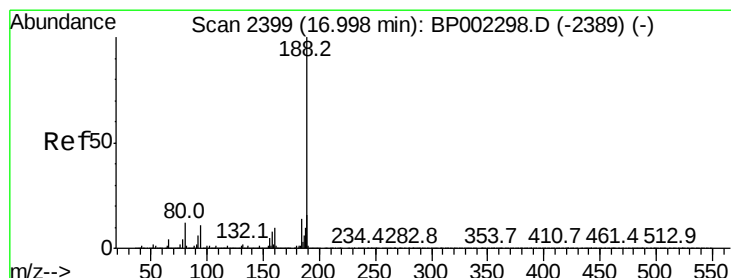
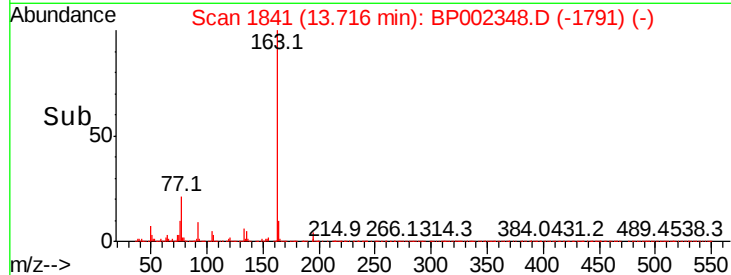
mohammad



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

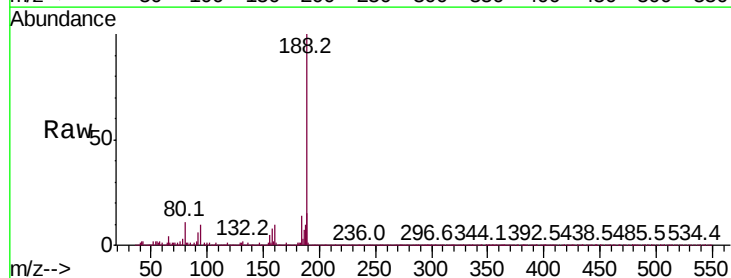


6/2/2020 3:24:04 PM

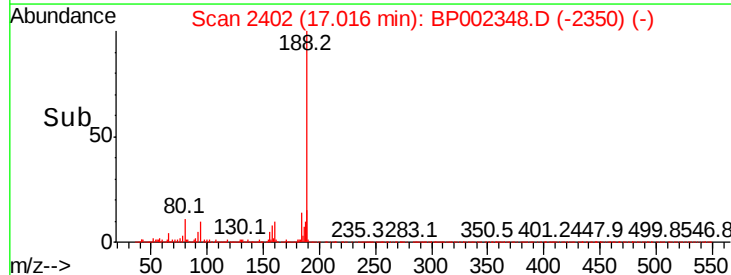
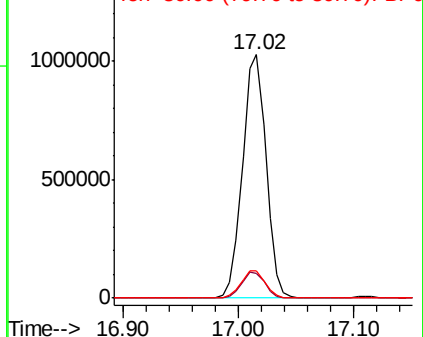


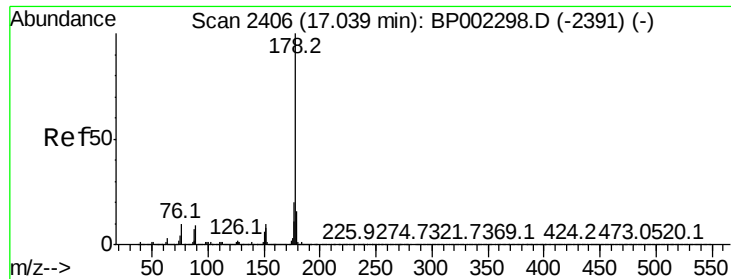
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.3	8.7	13.1	
80	11.0	9.3	13.9	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





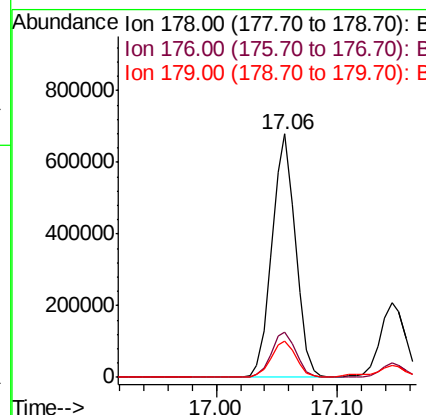
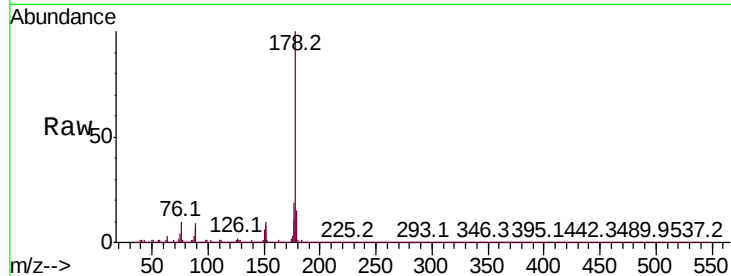
#71
Phenanthrene
Concen: 13.210 ng
RT: 17.06 min Scan# 2409
Delta R.T. 0.01 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Instrument :
BNA_P
ClientSampleId :
NM37-COMP-2020-0-6

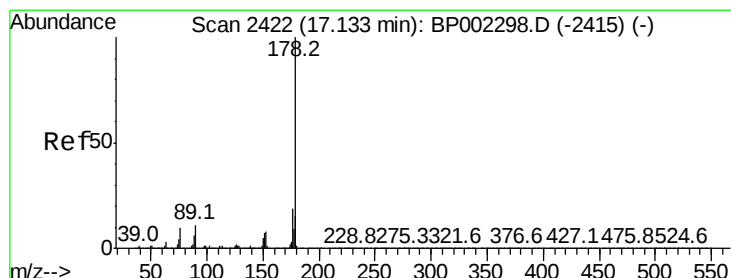
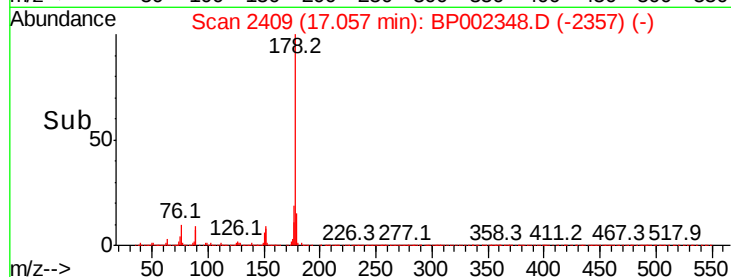
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.9	12.6	18.8

Manual Integrations
APPROVED

mohammad

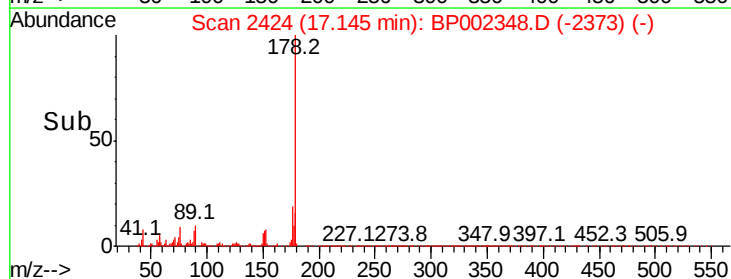
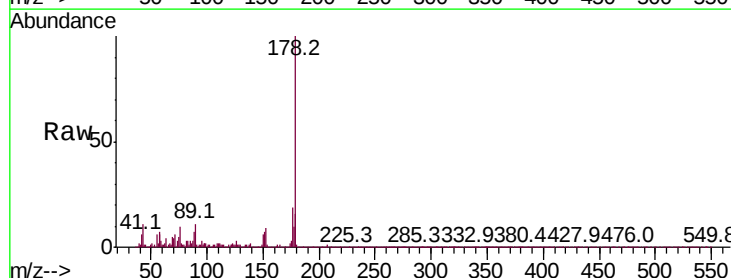
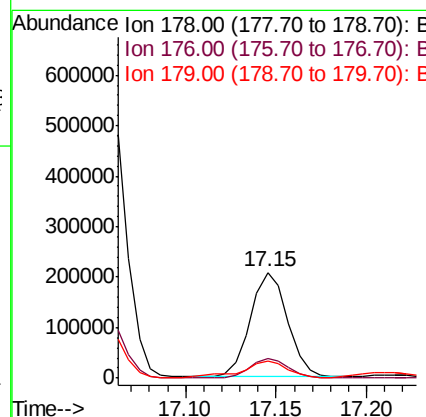


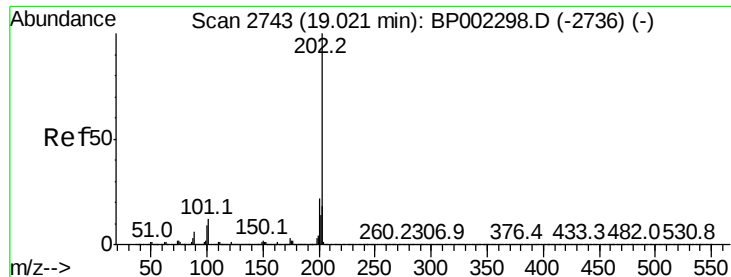
6/2/2020 3:24:04 PM



#72
Anthracene
Concen: 4.363 ng
RT: 17.15 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	16.3	12.6	19.0





#75

Fluoranthene

Concen: 22.539 ng

RT: 19.04 min Scan# 2746

Delta R.T. 0.01 min

Lab File: BP002348.D

Acq: 01 Jun 2020 20:15

Instrument :

BNA_P

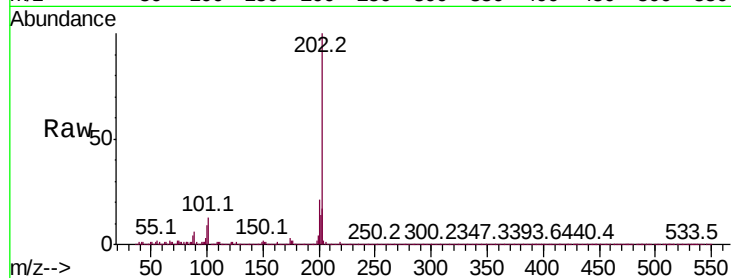
ClientSampleId :

NM37-COMP-2020-0-6

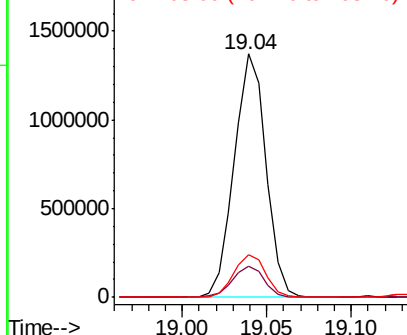
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.1
203	17.4	0.0	37.6

Manual Integrations
APPROVED

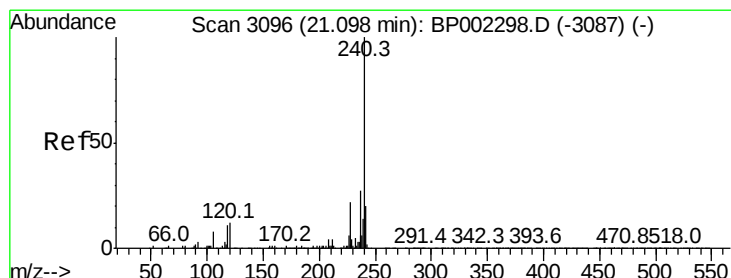
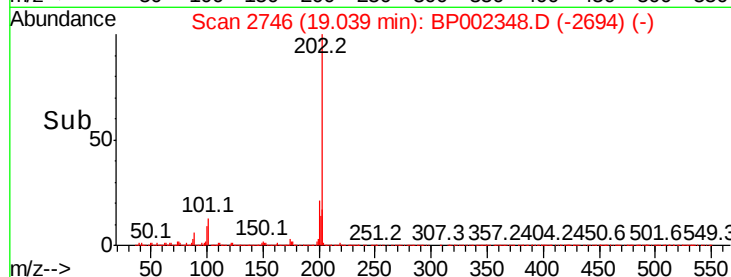
mohammad



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



6/2/2020 3:24:04 PM



#76

Chrysene-d12

Concen: 20.000 ng

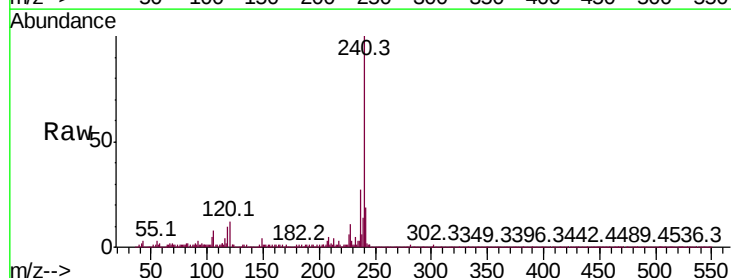
RT: 21.12 min Scan# 3100

Delta R.T. 0.01 min

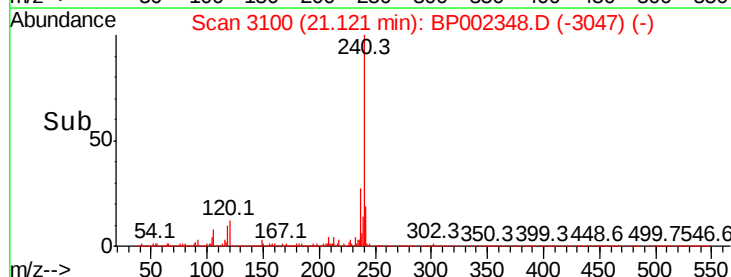
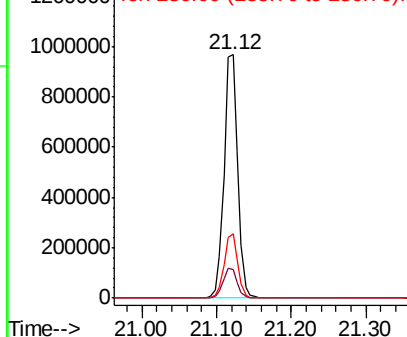
Lab File: BP002348.D

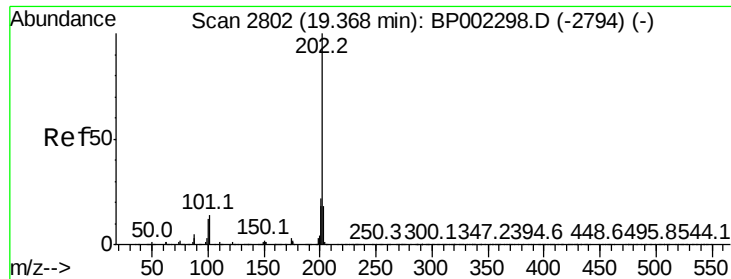
Acq: 01 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.7	13.1
236	26.6	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





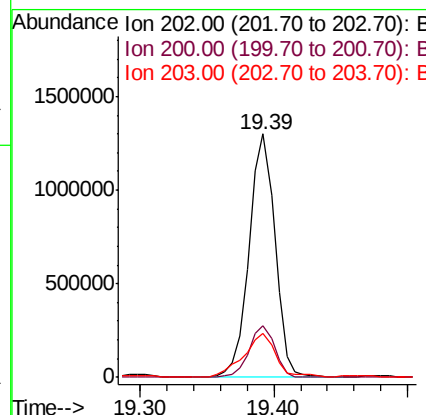
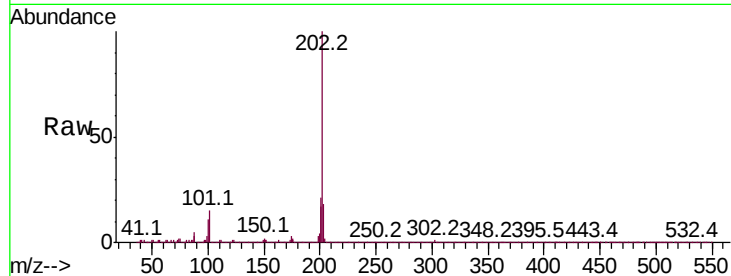
#78
Pvrene
Concen: 22.659 ng
RT: 19.39 min Scan# 2806
Delta R.T. 0.01 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Instrument :
BNA_P
ClientSampleId :
NM37-COMP-2020-0-6

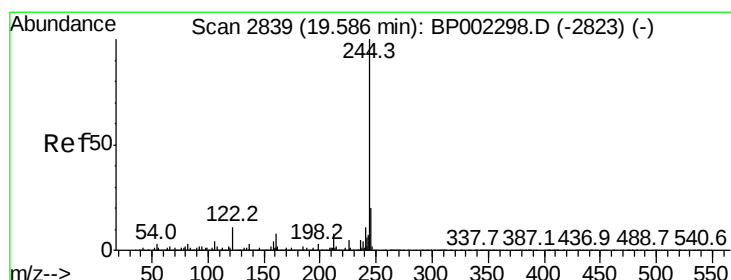
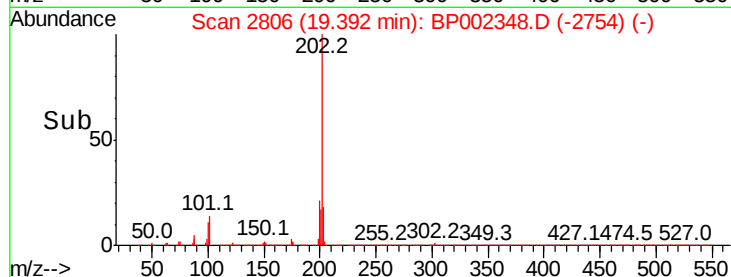
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.3	25.9
203	18.1	13.8	20.6

Manual Integrations
APPROVED

mohammad

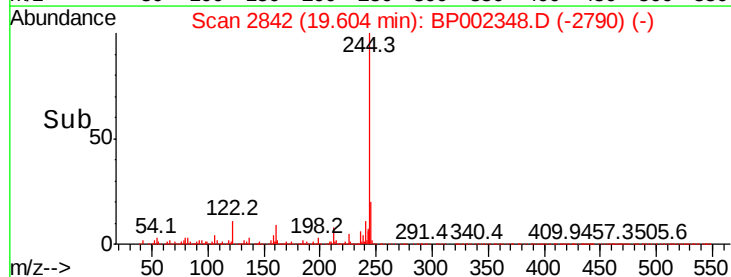
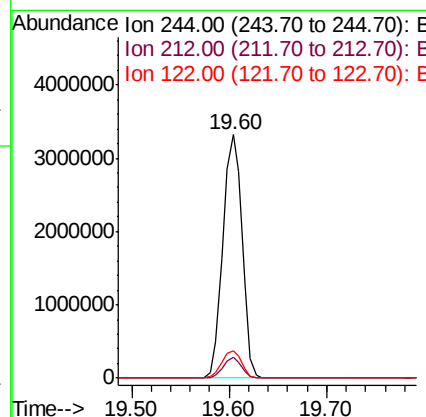
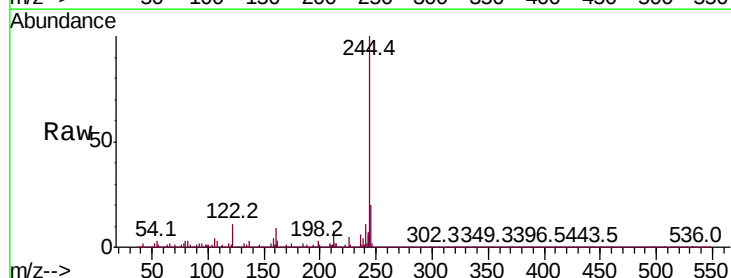


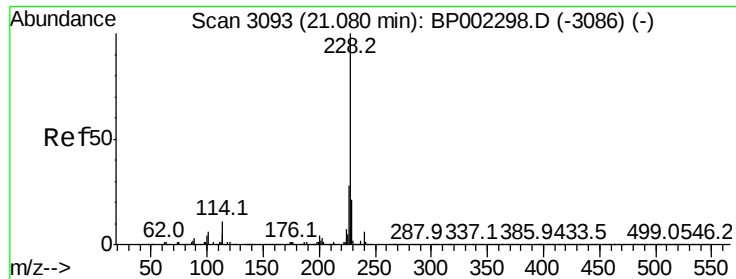
6/2/2020 3:24:04 PM



#79
Terphenyl-d14
Concen: 89.768 ng
RT: 19.60 min Scan# 2842
Delta R.T. 0.01 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.4	9.6
122	11.0	9.4	14.0





#81

Benzo(a)anthracene

Concen: 13.211 ng

RT: 21.10 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BP002348.D

Acq: 01 Jun 2020 20:15

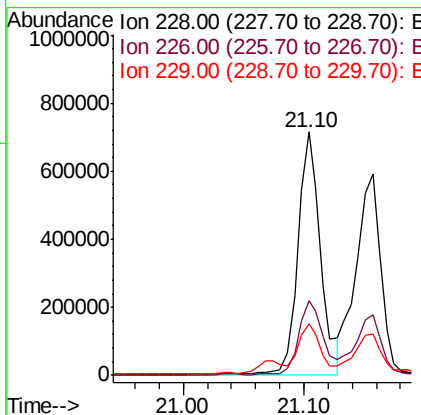
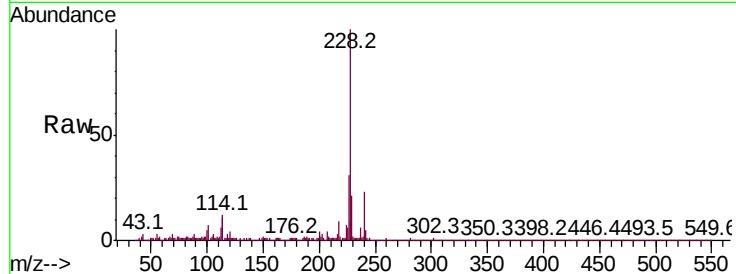
Instrument :
BNA_P

ClientSampleId :
NM37-COMP-2020-0-6

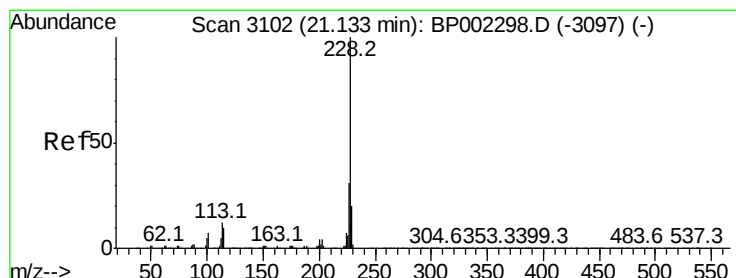
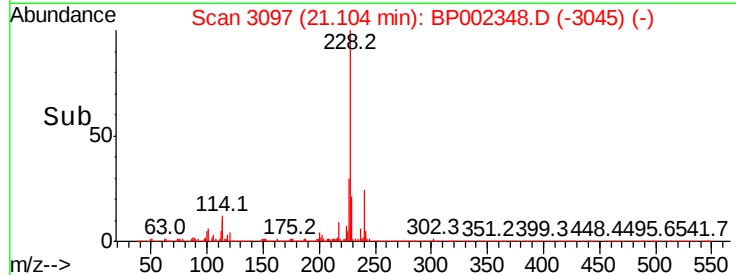
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.7	34.1
229	21.0	16.3	24.5

Manual Integrations
APPROVED

mohammad



6/2/2020 3:24:04 PM



#83

Chrysene

Concen: 12.461 ng

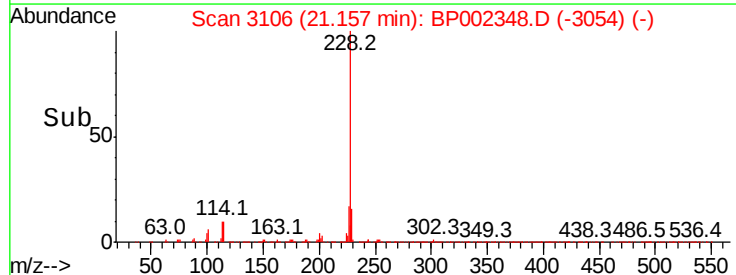
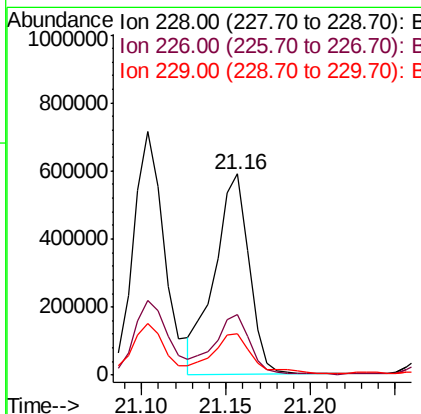
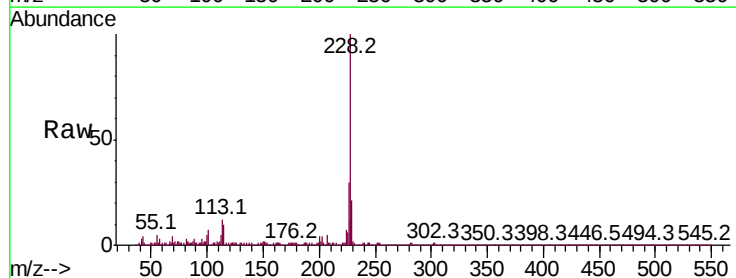
RT: 21.16 min Scan# 3106

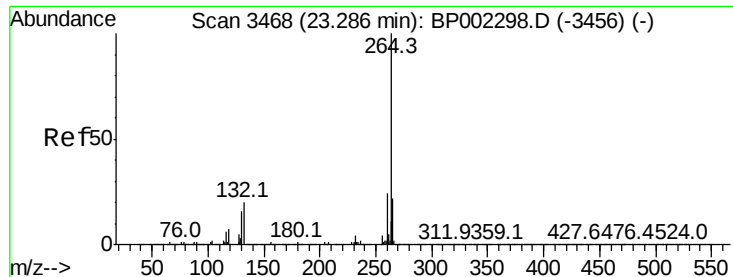
Delta R.T. 0.01 min

Lab File: BP002348.D

Acq: 01 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.8	16.2	24.4





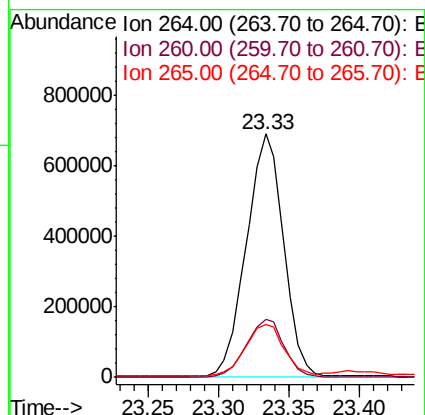
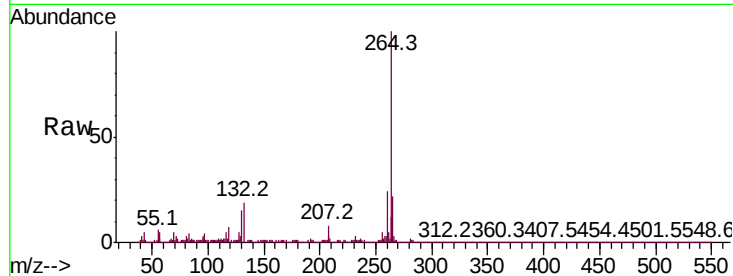
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3476
Delta R.T. 0.02 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Instrument :
BNA_P
ClientSampleId :
NM37-COMP-2020-0-6

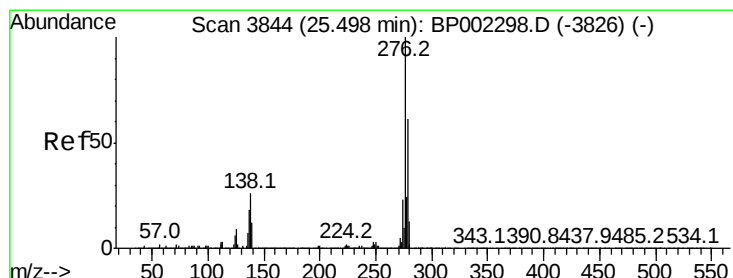
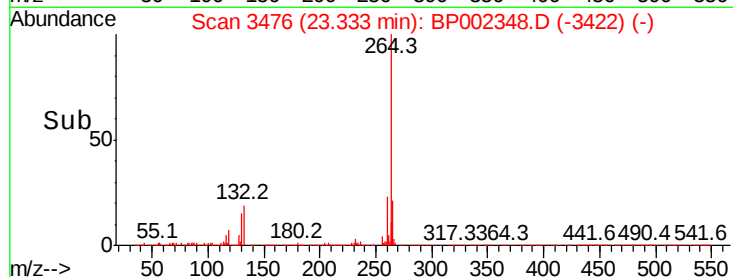
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.7	17.8	26.6

Manual Integrations
APPROVED

mohammad

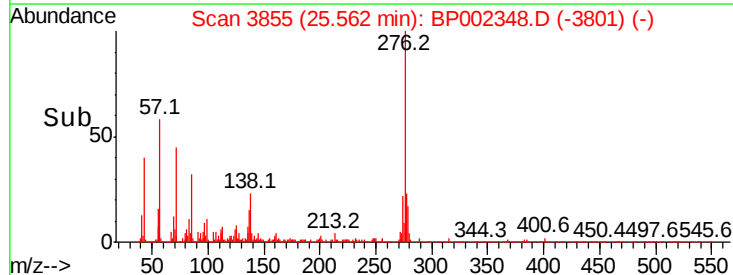
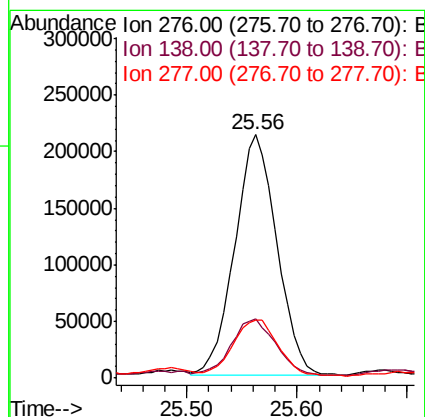
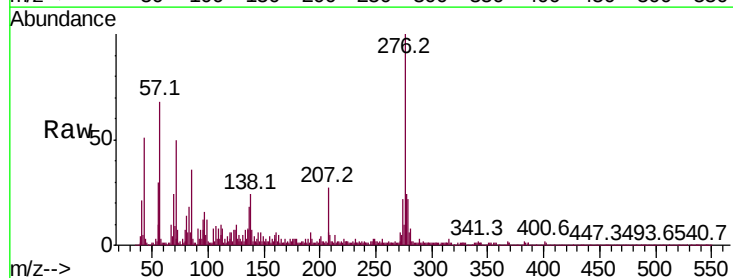


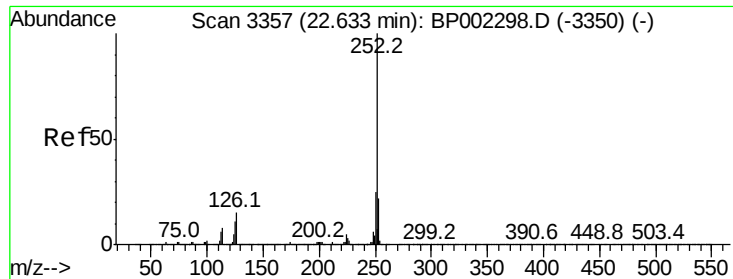
6/2/2020 3:24:04 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 7.148 ng
RT: 25.56 min Scan# 3855
Delta R.T. 0.02 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	18.2	27.4
277	25.1	20.2	30.2





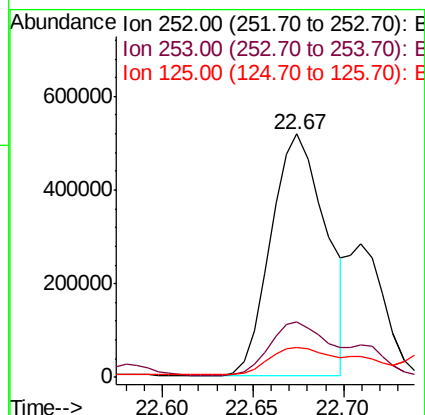
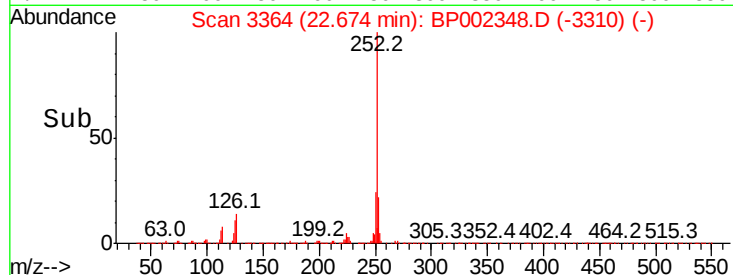
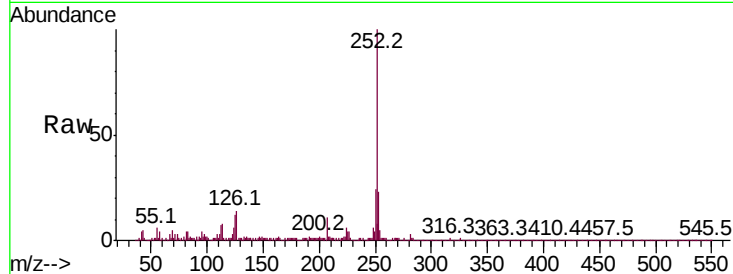
#88
Benzo(b)fluoranthene
Concen: 15.693 ng m
RT: 22.67 min Scan# 3364
Delta R.T. 0.02 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Instrument :
BNA_P
ClientSampleId :
NM37-COMP-2020-0-6

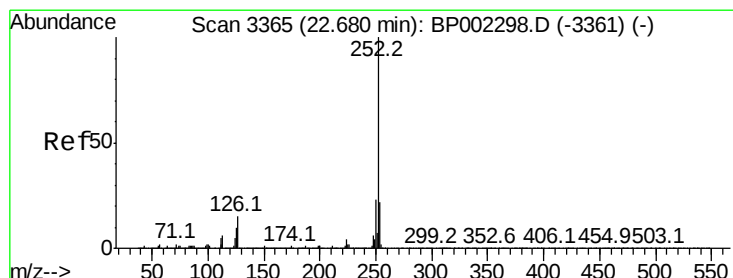
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.3	7.2	10.8

Manual Integrations
APPROVED

mohammad

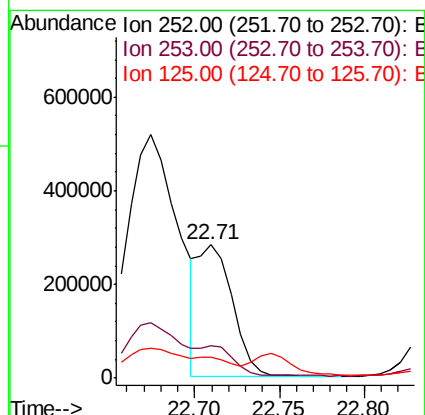
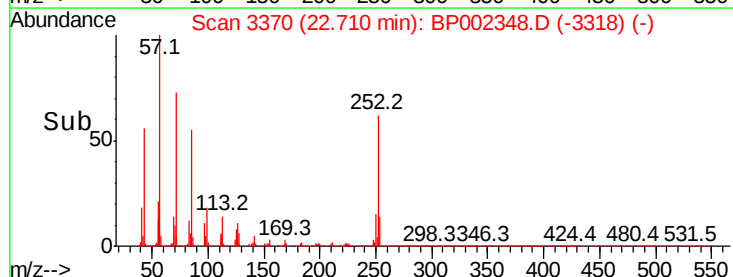
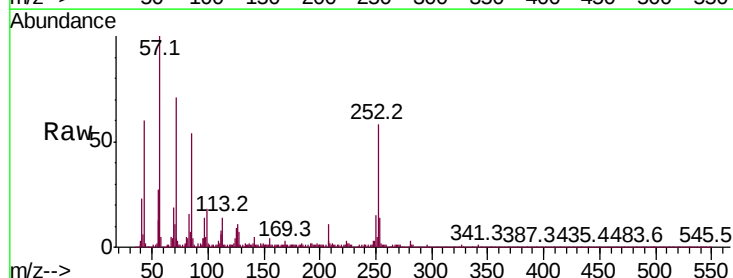


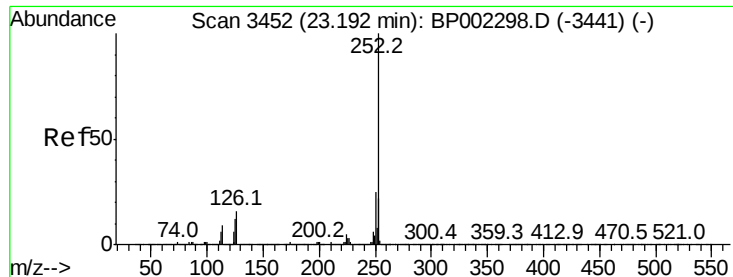
6/2/2020 3:24:04 PM



#89
Benzo(k)fluoranthene
Concen: 5.850 ng m
RT: 22.71 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	15.4	7.4	11.2





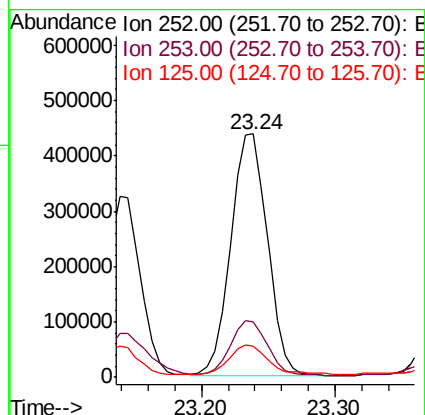
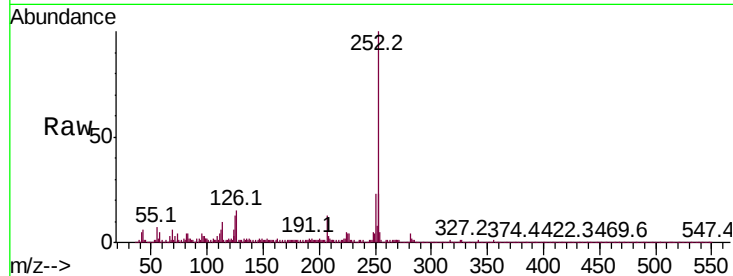
#90
Benzo(a)pyrene
Concen: 12.901 ng
RT: 23.24 min Scan# 3460
Delta R.T. 0.02 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Instrument :
BNA_P
ClientSampleId :
NM37-COMP-2020-0-6

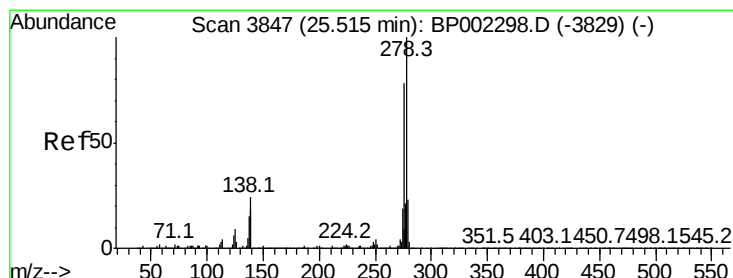
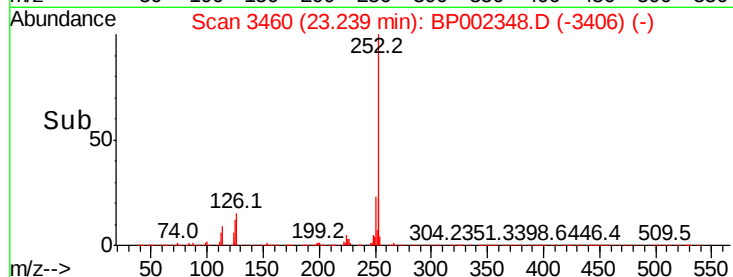
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	13.0	8.4	12.6

Manual Integrations
APPROVED

mohammad

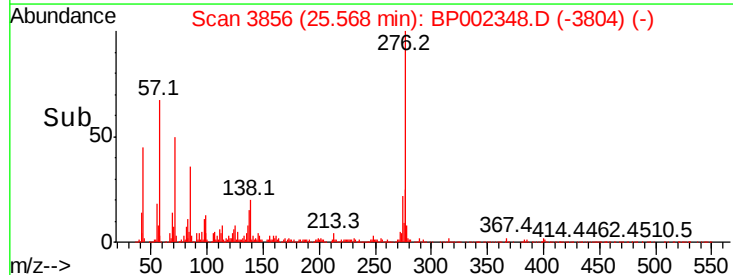
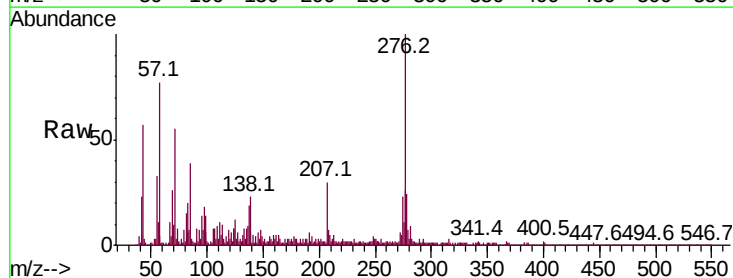
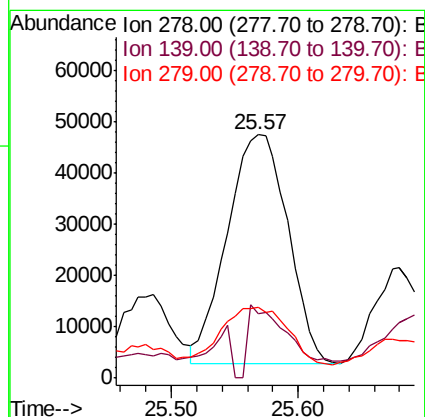


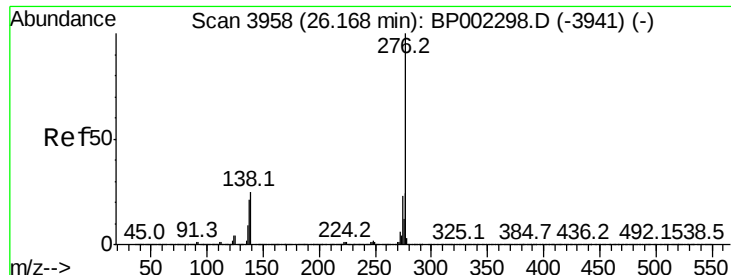
6/2/2020 3:24:04 PM



#91
Dibenzo(a,h)anthracene
Concen: 2.293 ng
RT: 25.57 min Scan# 3856
Delta R.T. 0.01 min
Lab File: BP002348.D
Acq: 01 Jun 2020 20:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.7	11.3	16.9
279	28.9	18.9	28.3





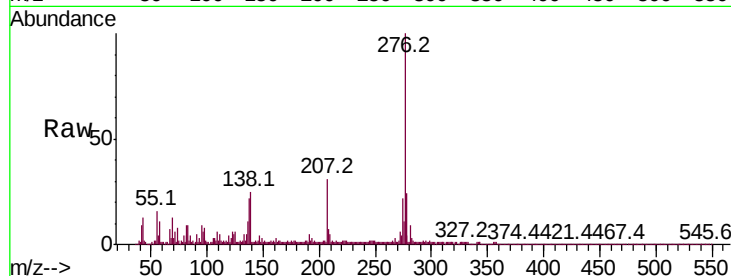
#92
 Benzo(a,h,i)perylene
 Concen: 8.905 ng
 RT: 26.24 min Scan# 3971
 Delta R.T. 0.03 min
 Lab File: BP002348.D
 Acq: 01 Jun 2020 20:15

Instrument :
 BNA_P
 ClientSampleId :
 NM37-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	25.0	16.0	24.0

Manual Integrations
 APPROVED

mohammad



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

6/2/2020 3:24:04 PM

