

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
 Data File : BP003002.D
 Acq On : 17 Aug 2020 14:54
 Operator : CG/JU
 Sample : L3688-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BRICK-PILE

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:20:37 PM

Quant Time: Aug 18 01:52:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	300338	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1363905	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	757440	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1653511	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1929714	20.00	ng	0.00
86) Perylene-d12	23.42	264	1921633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1131069	57.64	ng	0.00
7) Phenol-d6	6.86	99	1458078	53.52	ng	0.00
23) Nitrobenzene-d5	8.83	82	777945	30.89	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	691230	73.42	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	2256628	40.71	ng	0.00
79) Terphenyl-d14	19.65	244	3313382	34.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.78	163	329139	5.556	ng	99
71) Phenanthrene	17.12	178	391362	4.036	ng	99
75) Fluoranthene	19.09	202	1152155	10.313	ng	99
78) Pyrene	19.45	202	1018534	7.550	ng	98
81) Benzo(a)anthracene	21.15	228	668910	5.089	ng	100
83) Chrysene	21.20	228	640433	5.165	ng	98
87) Indeno(1,2,3-cd)pyrene	25.69	276	403982	2.625	ng	96
88) Benzo(b)fluoranthene	22.74	252	866650m	6.391	ng	
89) Benzo(k)fluoranthene	22.77	252	256460m	2.001	ng	
90) Benzo(a)pyrene	23.32	252	562250	4.589	ng	100
92) Benzo(g,h,i)perylene	26.39	276	378610	2.989	ng	98

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

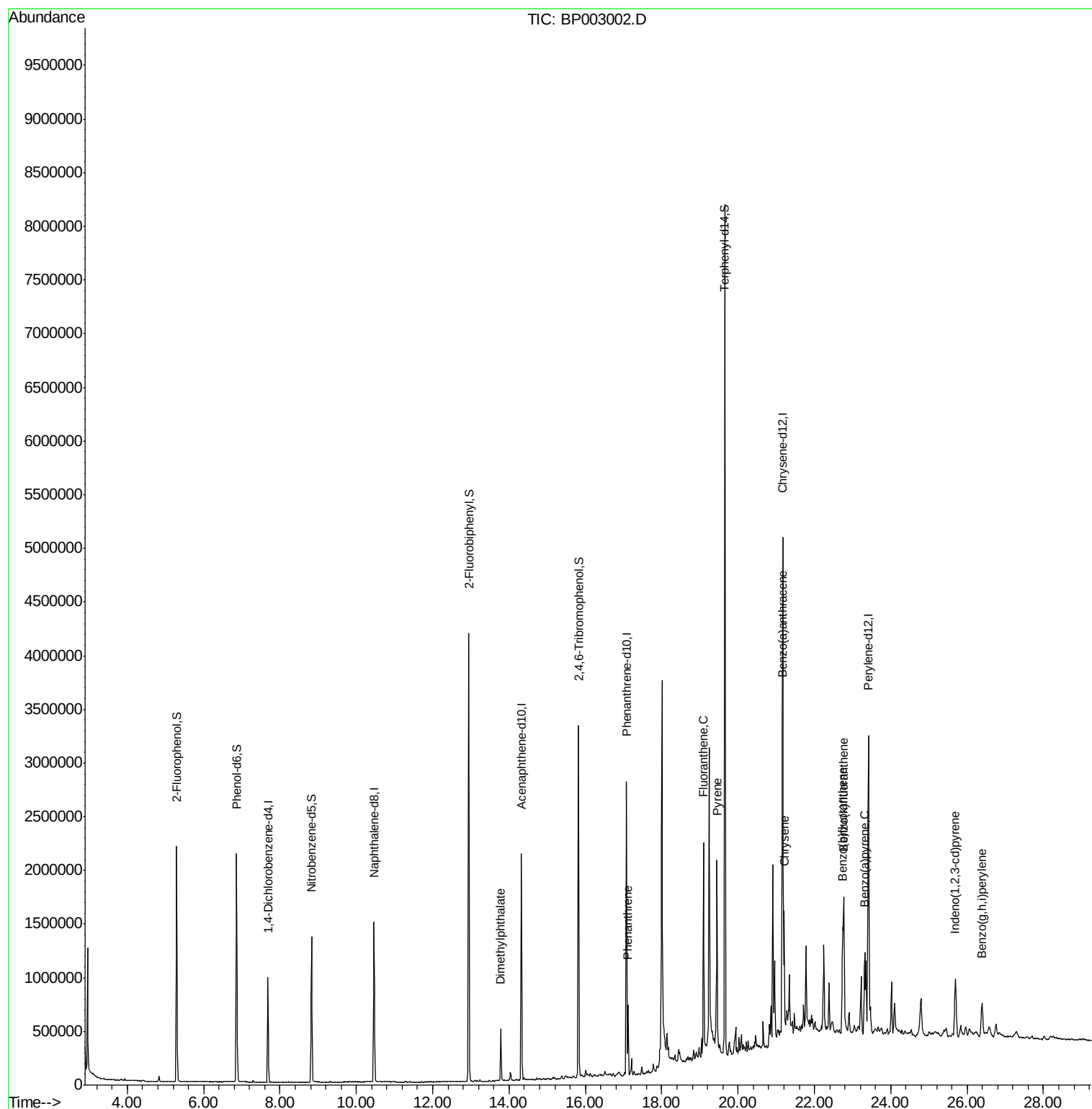
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003002.D
Acq On : 17 Aug 2020 14:54
Operator : CG/JU
Sample : L3688-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

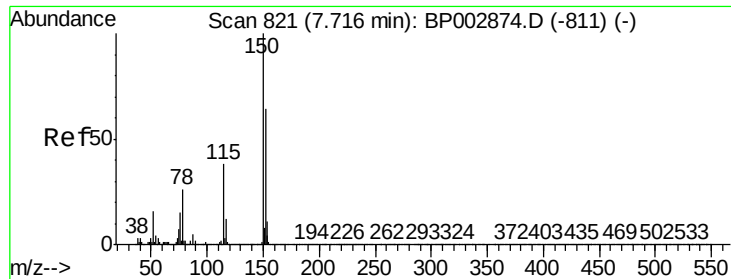
Instrument :
BNA_P
ClientSampleId :
BRICK-PILE

Manual Integrations
APPROVED

mohammad
8/19/2020 2:20:37 PM

Quant Time: Aug 18 01:52:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration





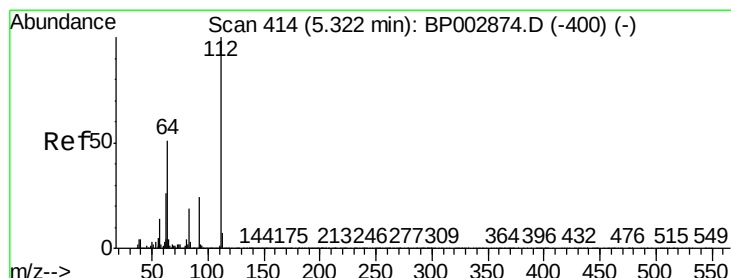
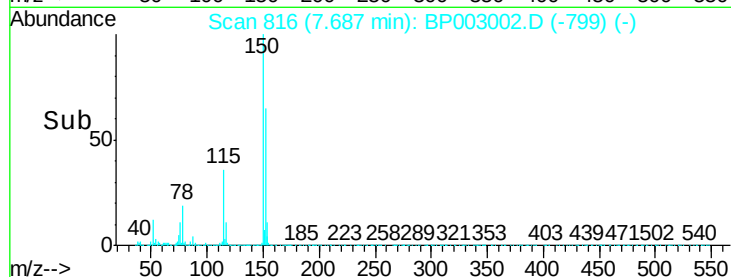
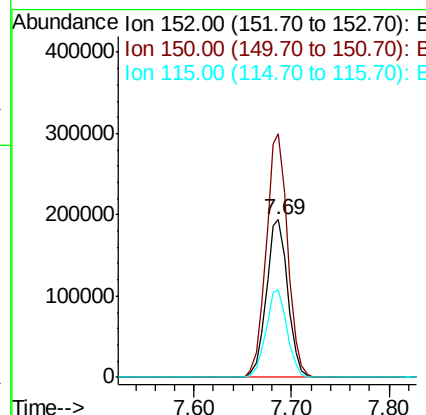
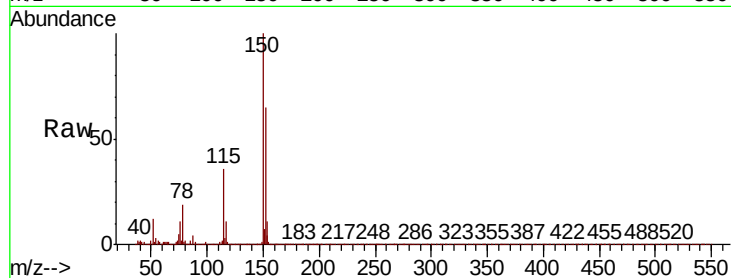
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Instrument :
BNA_P
ClientSampleId :
BRICK-PILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.1	189.1
115	55.2	43.4	65.2

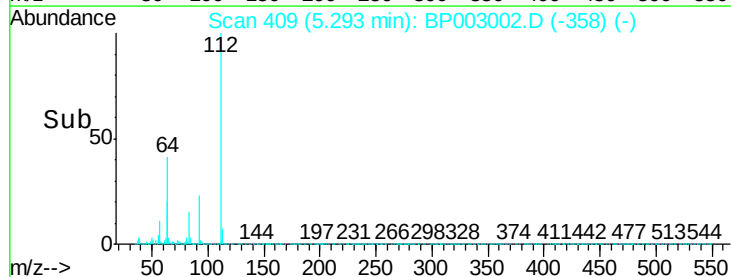
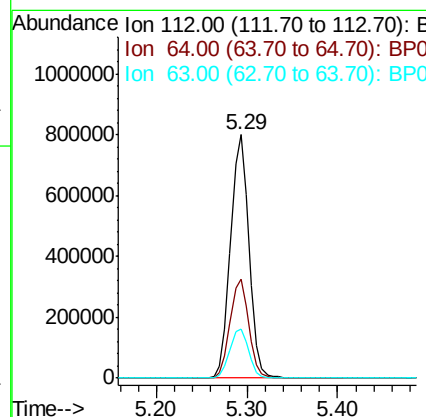
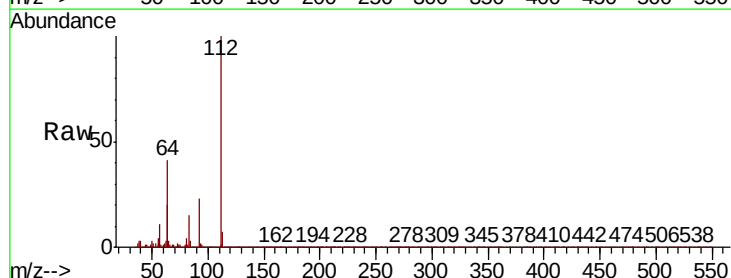
Manual Integrations
APPROVED

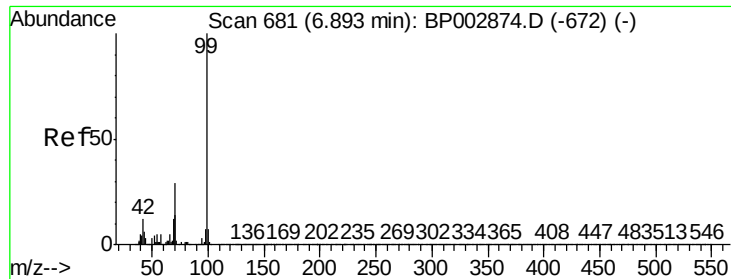
mohammad
8/19/2020 2:20:37 PM



#5
2-Fluorophenol
Concen: 57.638 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.7	33.4	50.2
63	20.2	17.4	26.0





#7

Phenol-d6

Concen: 53.518 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003002.D

Acq: 17 Aug 2020 14:54

Instrument :

BNA_P

ClientSampleId :

BRICK-PILE

Tot Ion: 99 Resp: 1458078

Ion Ratio Lower Upper

99 100

42 10.1 8.0 12.0

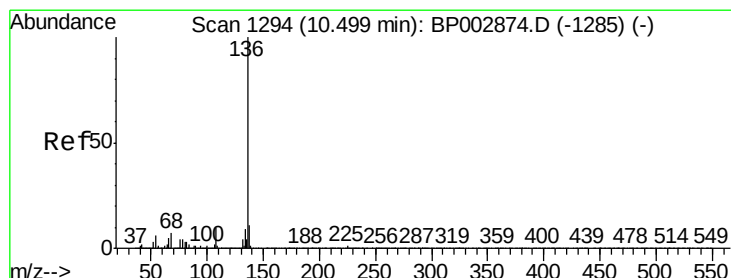
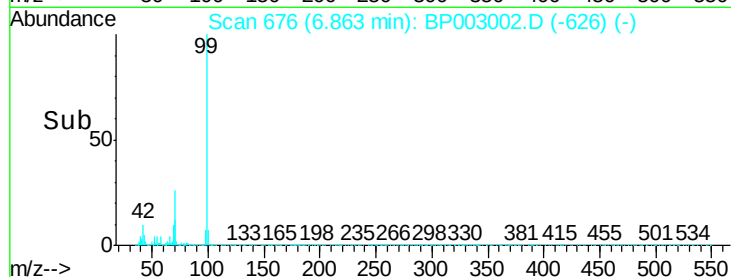
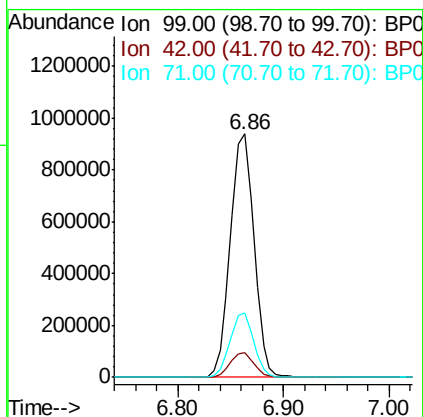
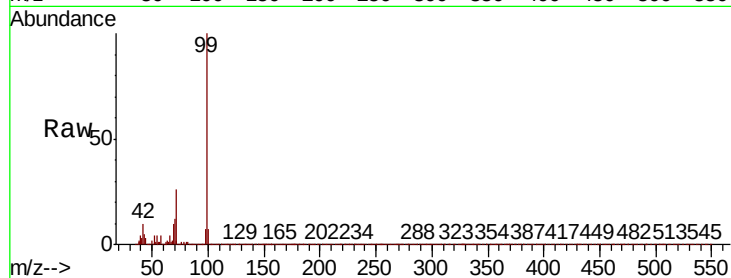
71 26.3 21.3 31.9

Manual Integrations

APPROVED

mohammad

8/19/2020 2:20:37 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BP003002.D

Acq: 17 Aug 2020 14:54

Tgt Ion: 136 Resp: 1363905

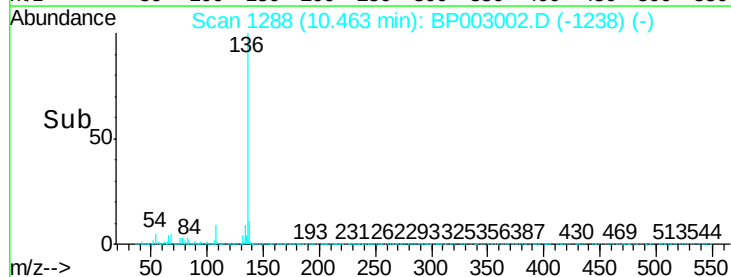
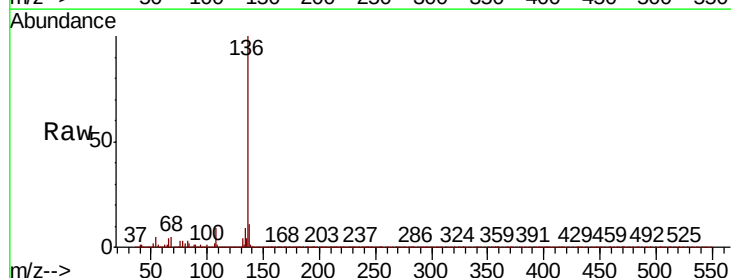
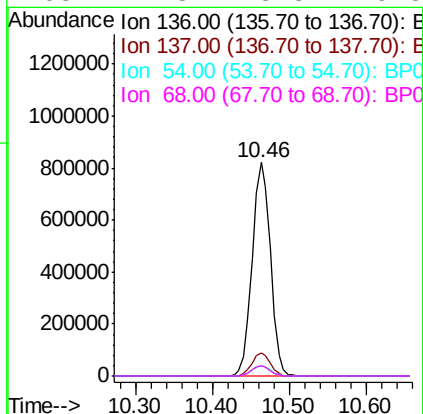
Ion Ratio Lower Upper

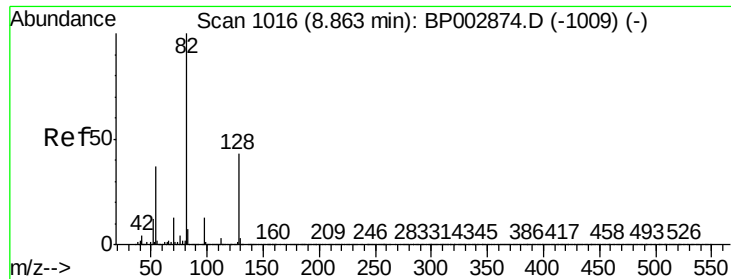
136 100

137 10.9 8.8 13.2

54 4.6 3.8 5.8

68 4.8 3.8 5.8





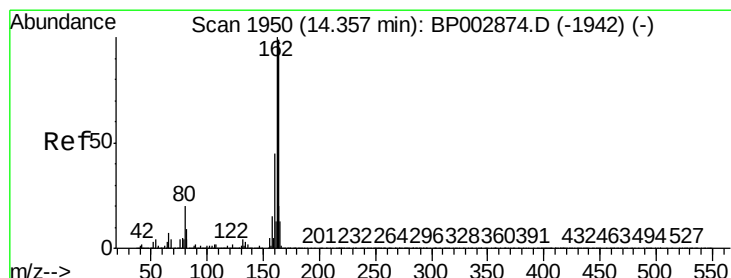
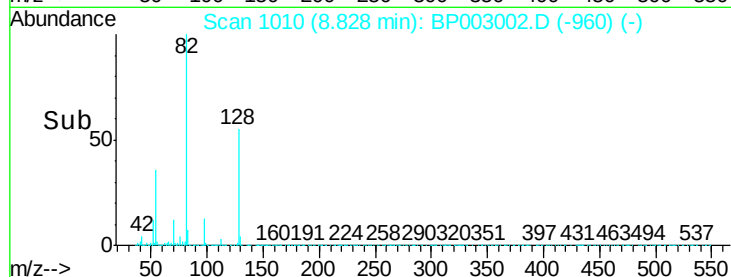
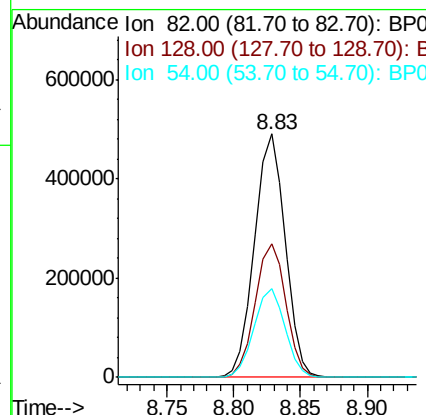
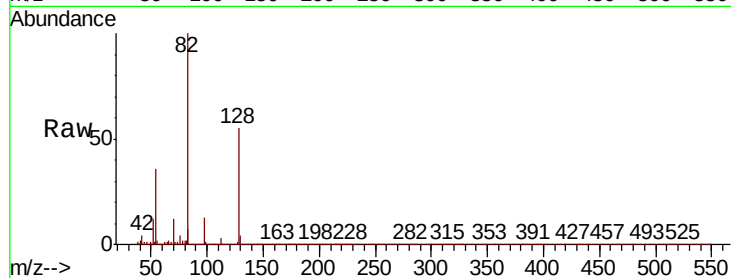
#23
 Nitrobenzene-d5
 Concen: 30.893 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP003002.D
 Acq: 17 Aug 2020 14:54

Instrument :
 BNA_P
 ClientSampleId :
 BRICK-PILE

Tot Ion	82	Resp	777945
Ion Ratio	Lower	Upper	
82	100		
128	55.0	45.1	67.7
54	36.5	28.8	43.2

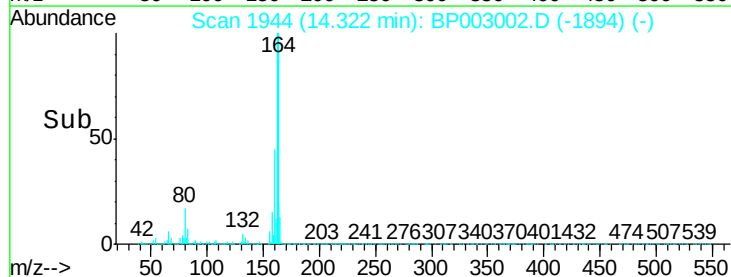
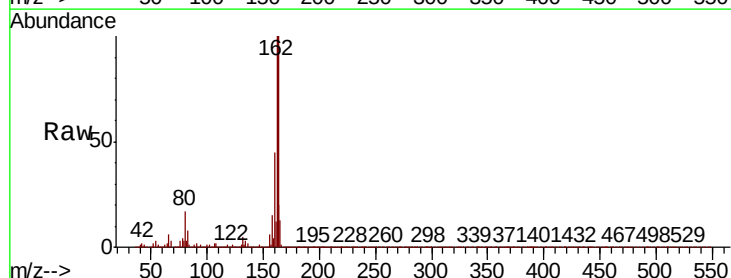
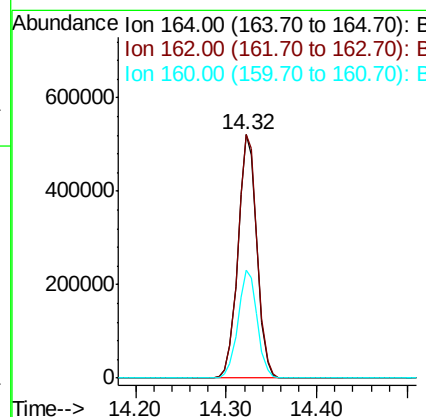
Manual Integrations
 APPROVED

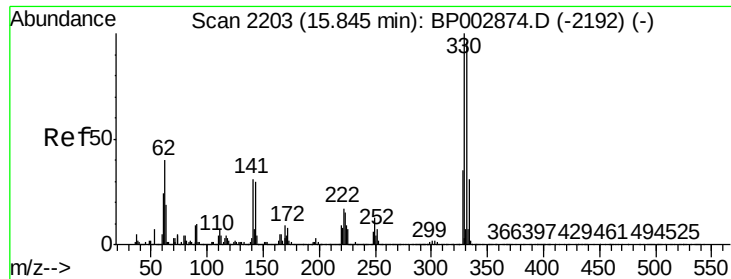
mohammad
 8/19/2020 2:20:37 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BP003002.D
 Acq: 17 Aug 2020 14:54

Tgt Ion	164	Resp	757440
Ion Ratio	Lower	Upper	
164	100		
162	100.0	81.4	122.0
160	44.6	35.5	53.3





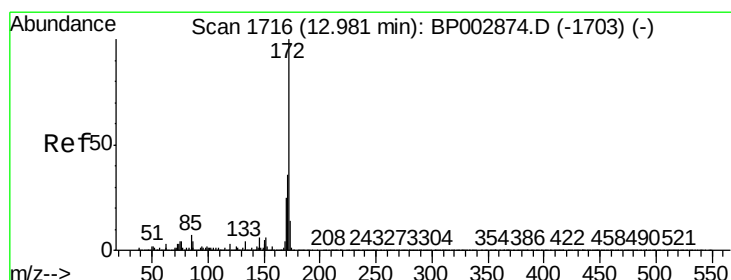
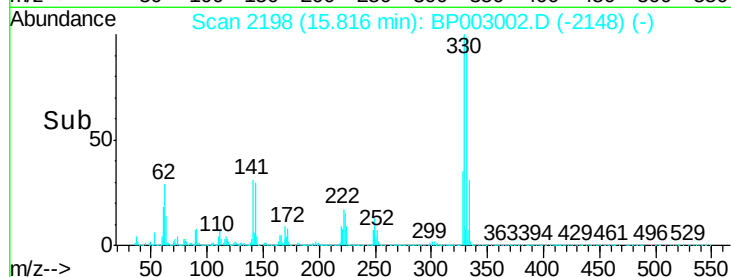
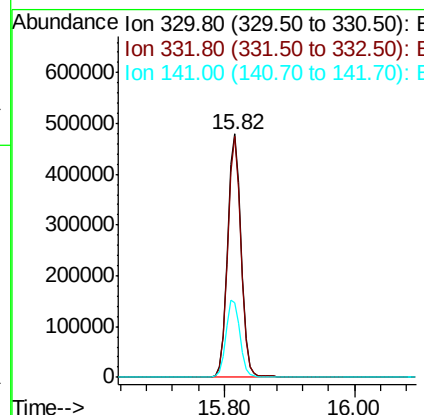
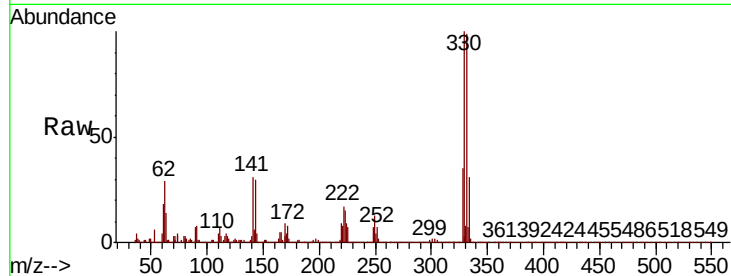
#42
2,4,6-Tribromophenol
Concen: 73.425 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Instrument :
BNA_P
ClientSampleId :
BRICK-PILE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	691230		
332	96.8	77.0	115.6	
141	32.8	26.7	40.1	

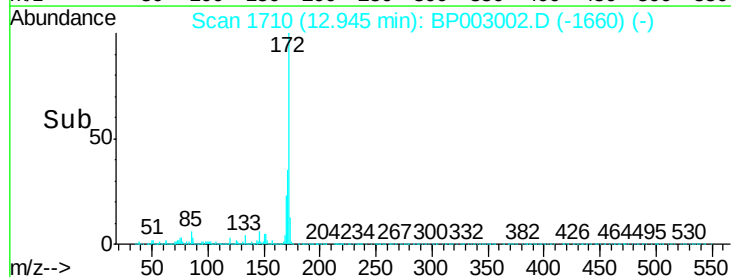
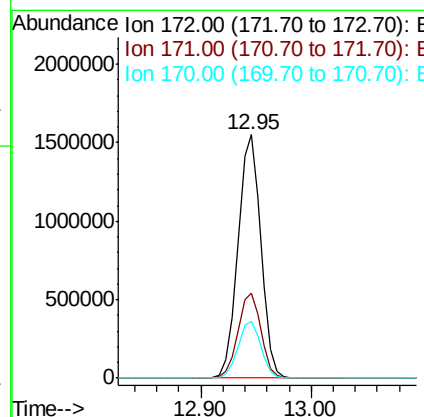
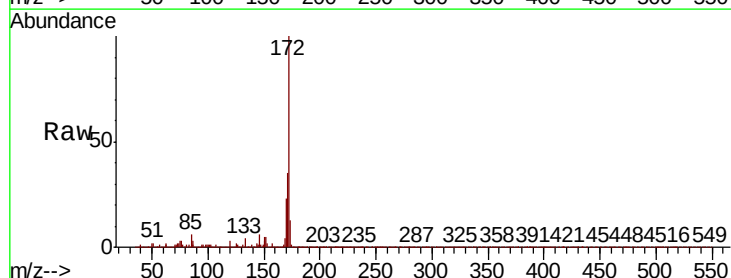
Manual Integrations
APPROVED

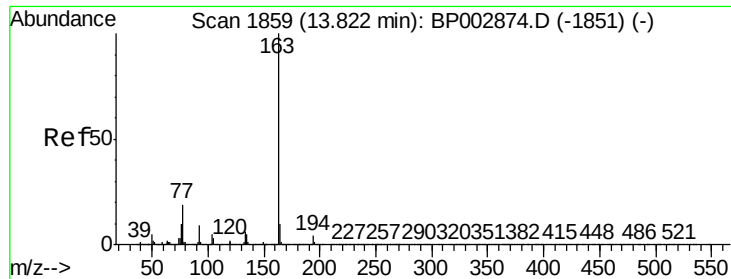
mohammad
8/19/2020 2:20:37 PM



#45
2-Fluorobiphenyl
Concen: 40.706 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2256628		
171	35.1	29.0	43.4	
170	23.4	19.1	28.7	





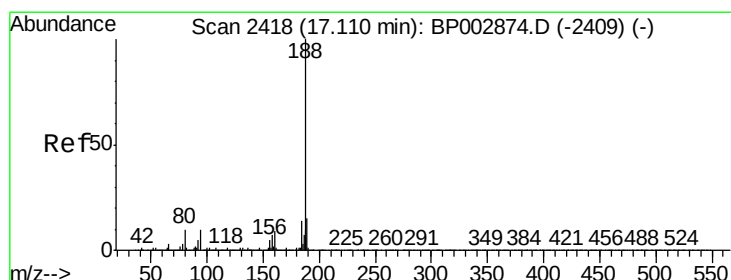
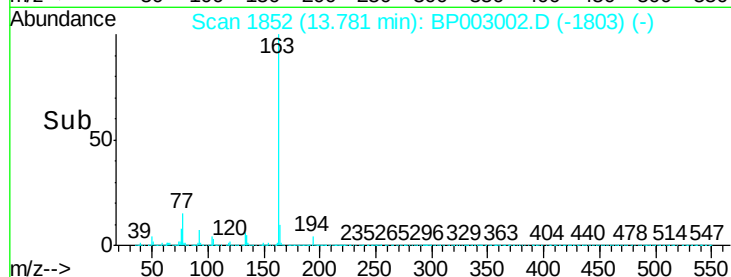
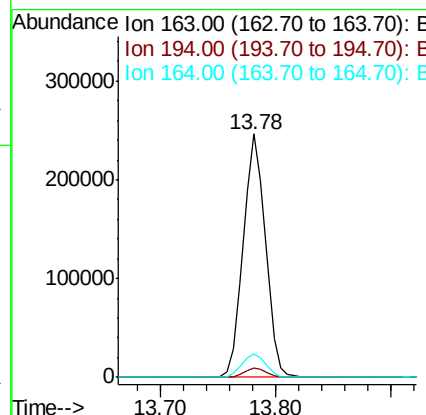
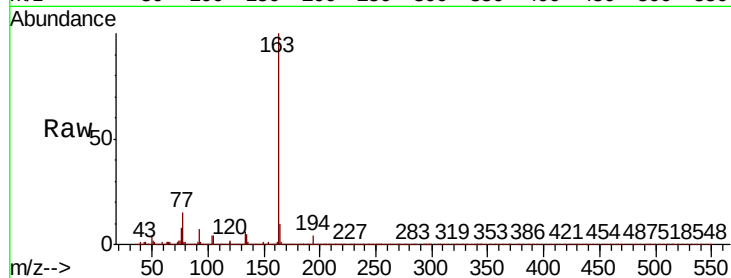
#50
Dimethylphthalate
Concen: 5.556 ng
RT: 13.78 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Instrument :
BNA_P
ClientSampleId :
BRICK-PILE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	329139		
194	4.0	3.3	4.9	
164	9.6	8.1	12.1	

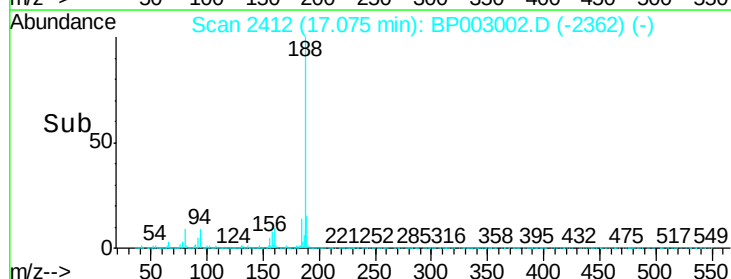
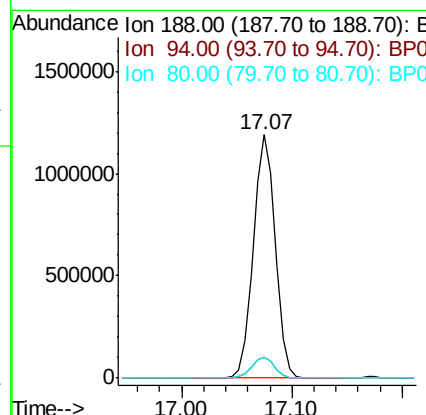
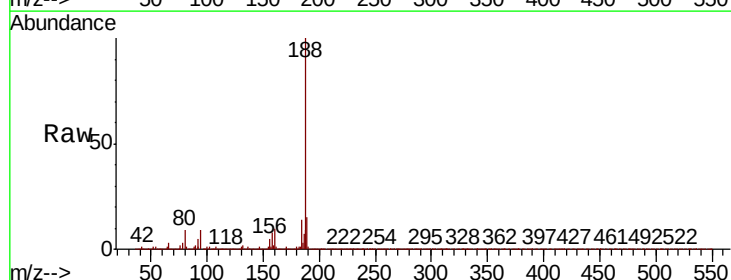
Manual Integrations
APPROVED

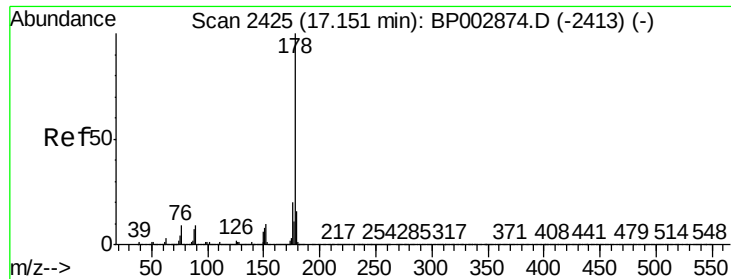
mohammad
8/19/2020 2:20:37 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1653511		
94	8.7	7.1	10.7	
80	8.8	6.7	10.1	





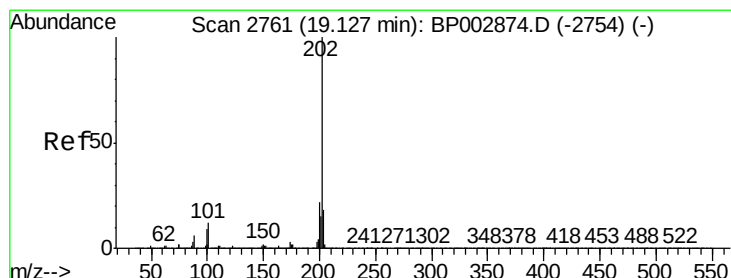
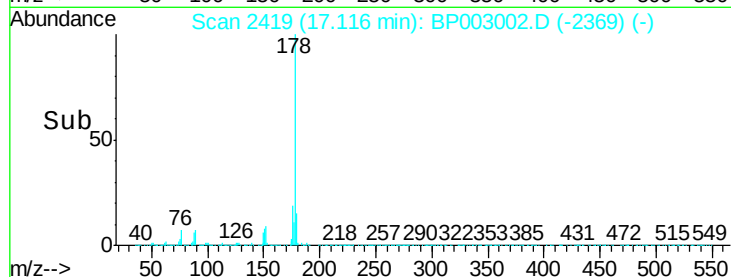
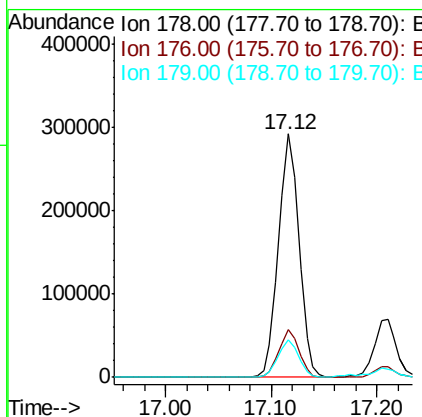
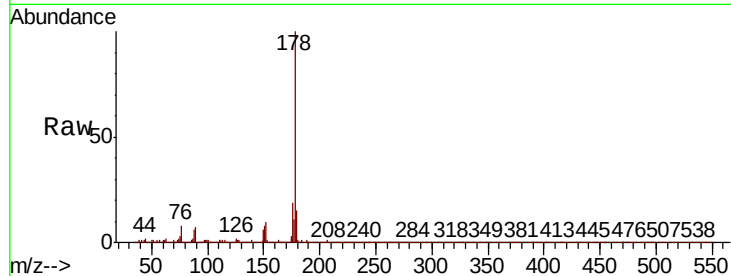
#71
Phenanthrene
Concen: 4.036 ng
RT: 17.12 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Instrument :
BNA_P
ClientSampleId :
BRICK-PILE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	12.9	19.3

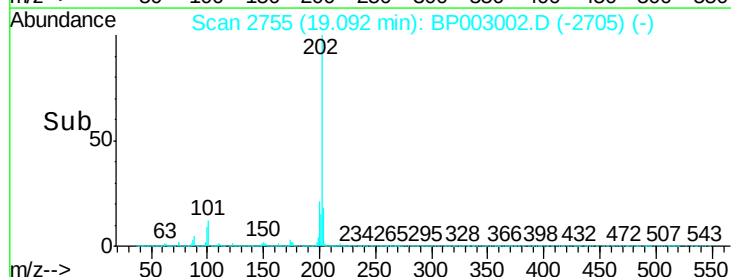
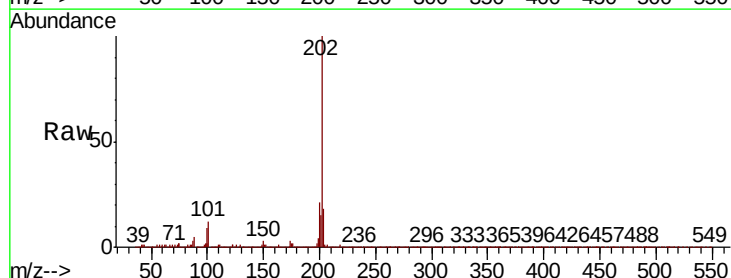
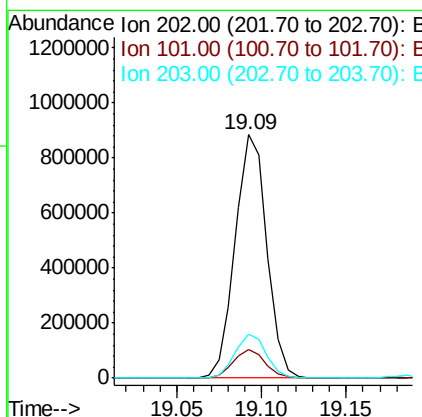
Manual Integrations
APPROVED

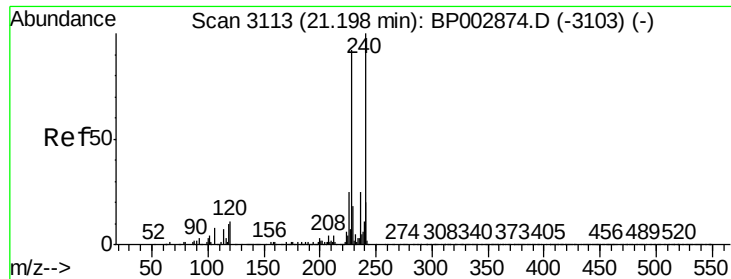
mohammad
8/19/2020 2:20:37 PM



#75
Fluoranthene
Concen: 10.313 ng
RT: 19.09 min Scan# 2755
Delta R.T. -0.01 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.2
203	17.8	0.0	38.4





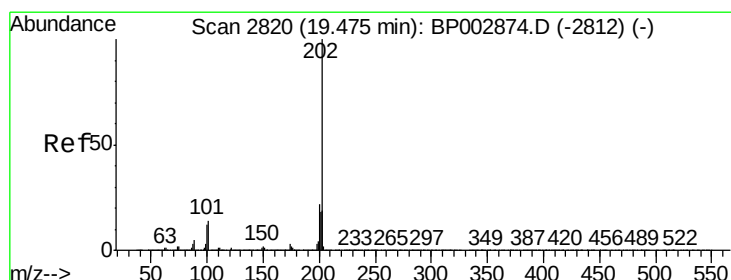
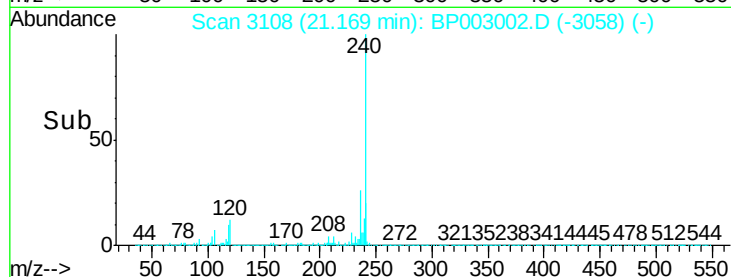
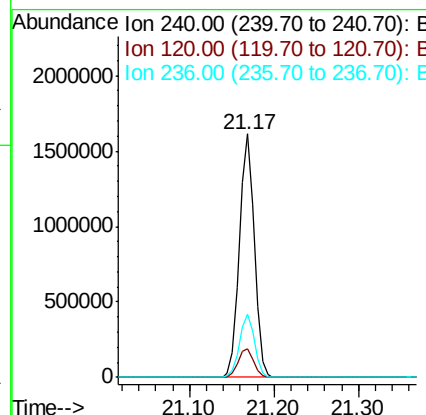
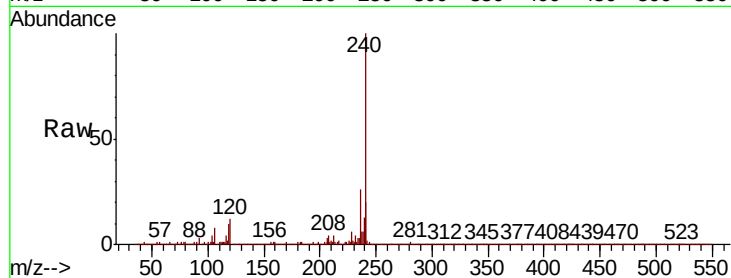
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Instrument :
BNA_P
ClientSampleId :
BRICK-PILE

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.8	20.8	31.2

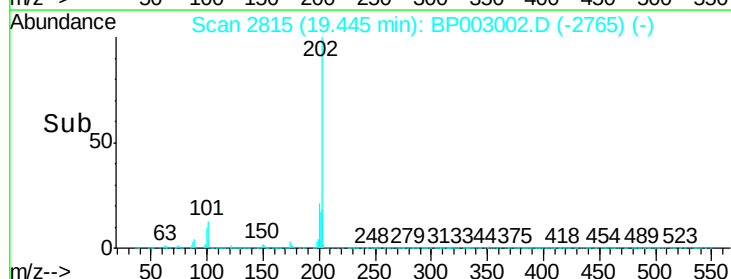
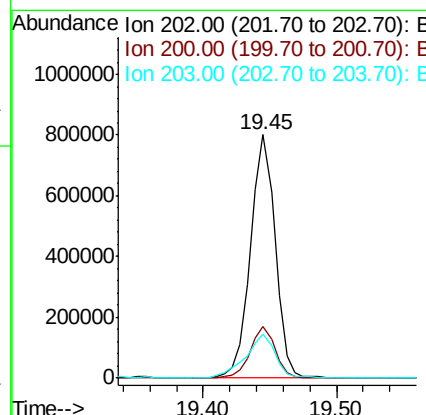
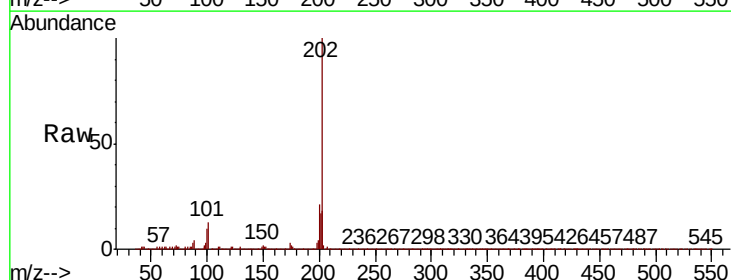
Manual Integrations
APPROVED

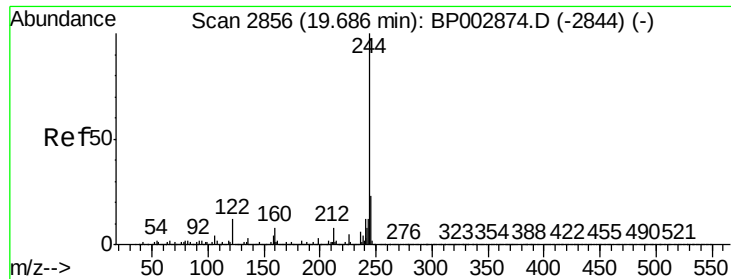
mohammad
8/19/2020 2:20:37 PM



#78
Pyrene
Concen: 7.550 ng
RT: 19.45 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.9	14.6	22.0





#79

Terphenyl-d14

Concen: 34.374 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003002.D

Acq: 17 Aug 2020 14:54

Instrument :

BNA_P

ClientSampleId :

BRICK-PILE

Tot Ion:244 Resp: 3313382

Ion Ratio Lower Upper

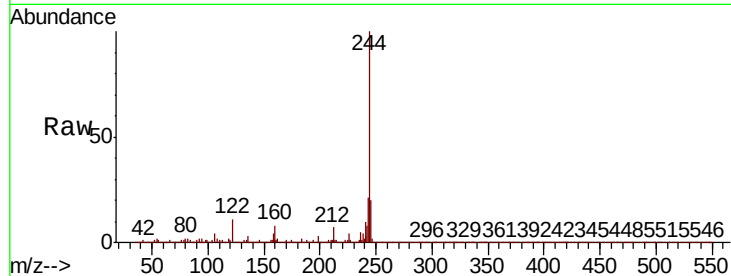
244 100

212 7.3 6.3 9.5

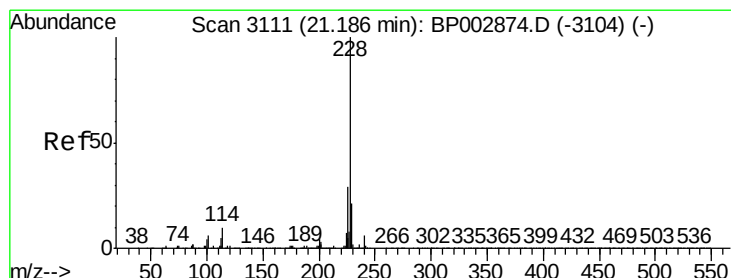
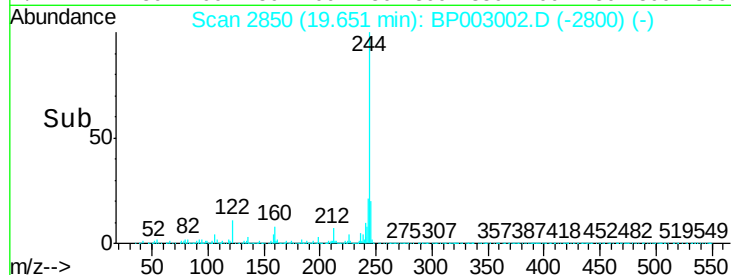
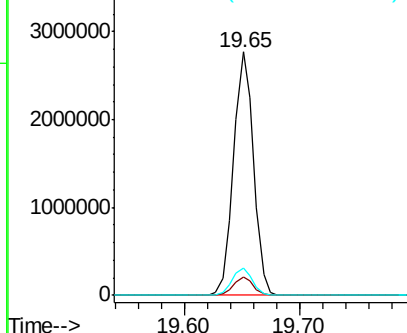
122 11.1 8.7 13.1

Manual Integrations
APPROVED

mohammad
8/19/2020 2:20:37 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 5.089 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003002.D

Acq: 17 Aug 2020 14:54

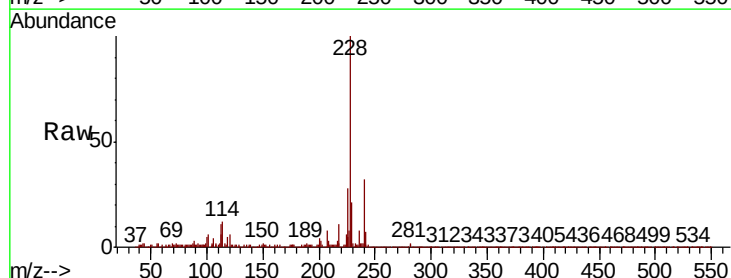
Tgt Ion:228 Resp: 668910

Ion Ratio Lower Upper

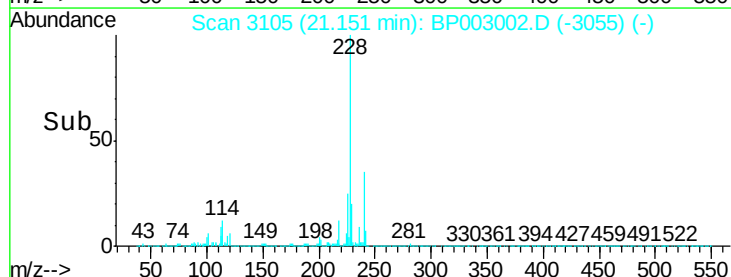
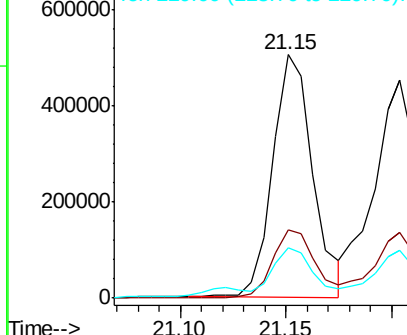
228 100

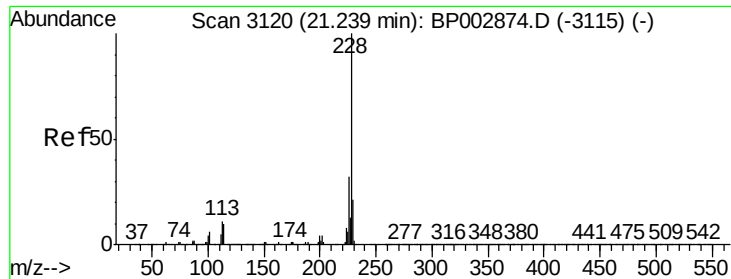
226 27.8 22.6 33.8

229 20.6 16.5 24.7



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





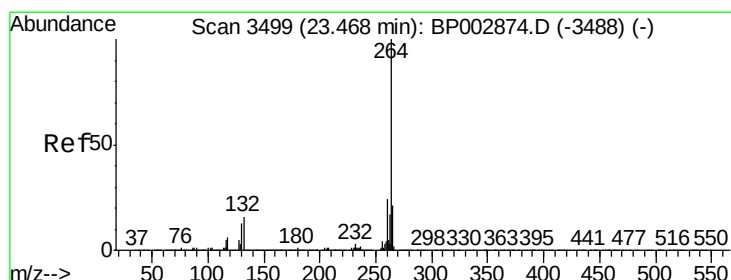
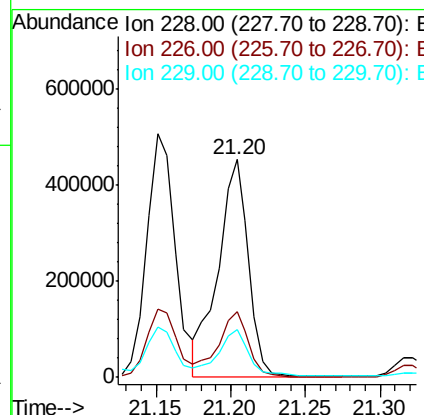
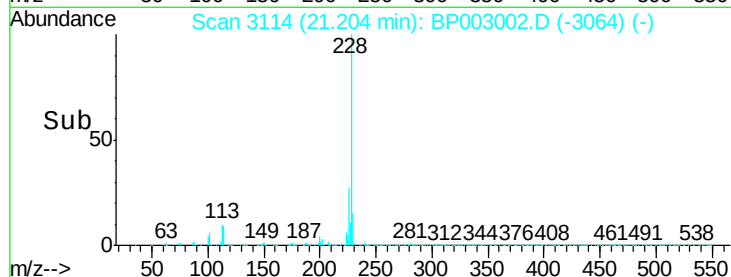
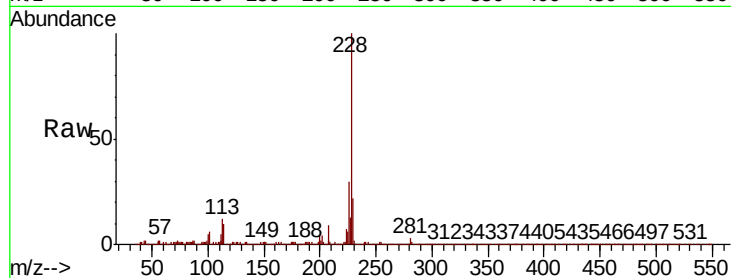
#83
Chrysene
Concen: 5.165 ng
RT: 21.20 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Instrument :
BNA_P
ClientSampleId :
BRICK-PILE

Tot Ion:	228	Resp:	640433
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.9	37.3
229	21.9	16.3	24.5

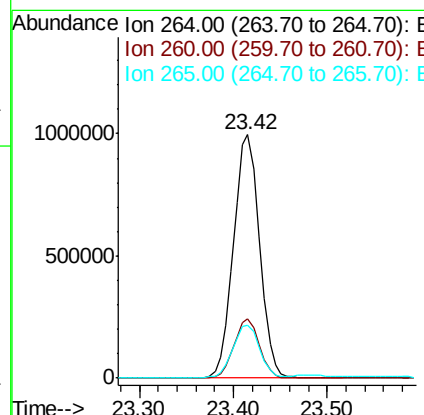
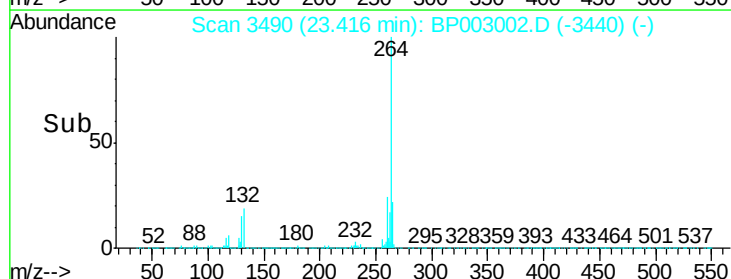
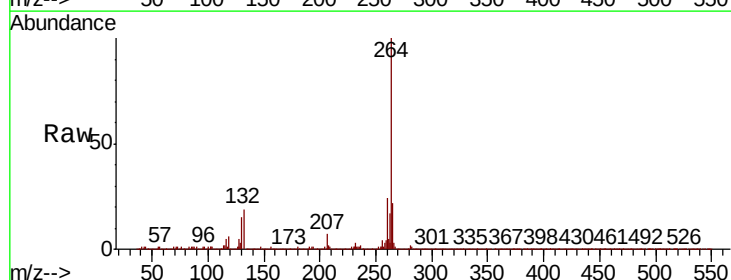
Manual Integrations
APPROVED

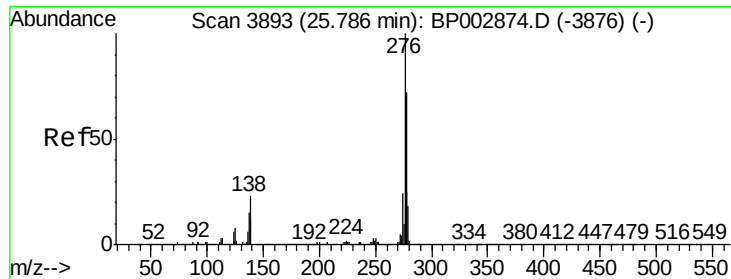
mohammad
8/19/2020 2:20:37 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Tgt Ion:	264	Resp:	1921633
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	21.9	17.3	25.9





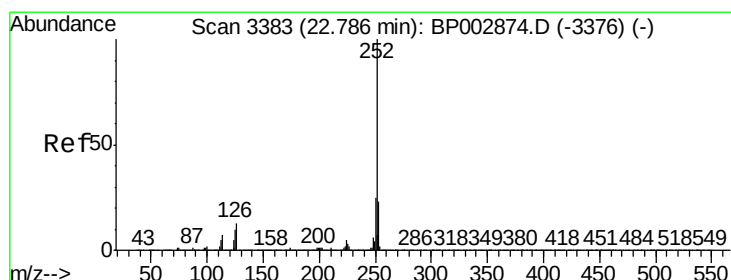
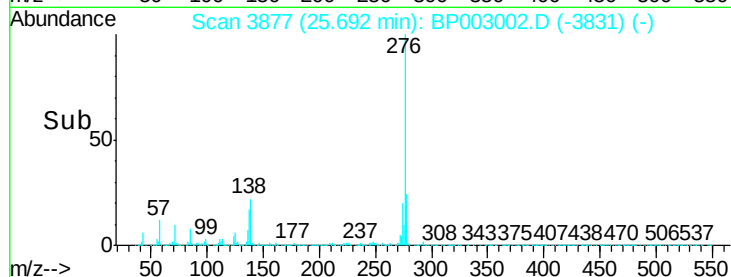
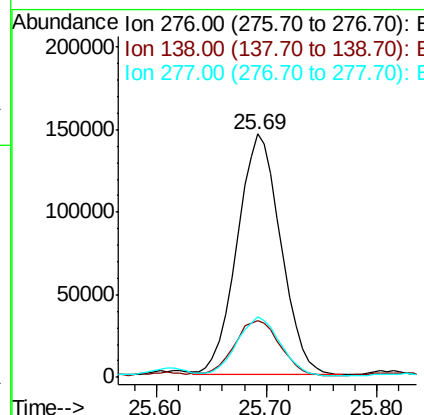
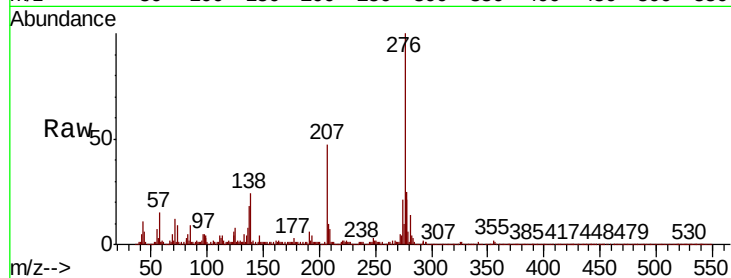
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.625 ng
 RT: 25.69 min Scan# 3877
 Delta R.T. -0.03 min
 Lab File: BP003002.D
 Acq: 17 Aug 2020 14:54

Instrument :
 BNA_P
 ClientSampleId :
 BRICK-PILE

Tot Ion:	276	Resp:	403982
Ion Ratio	Lower	Upper	
276	100		
138	24.4	22.2	33.2
277	24.9	20.4	30.6

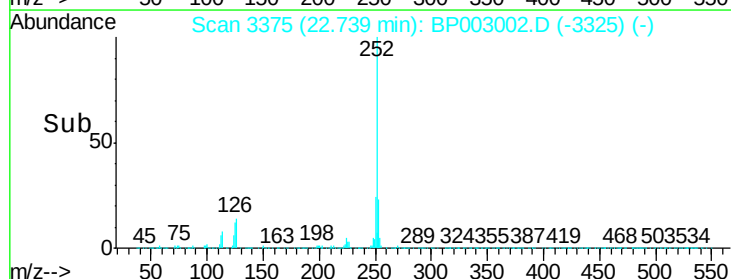
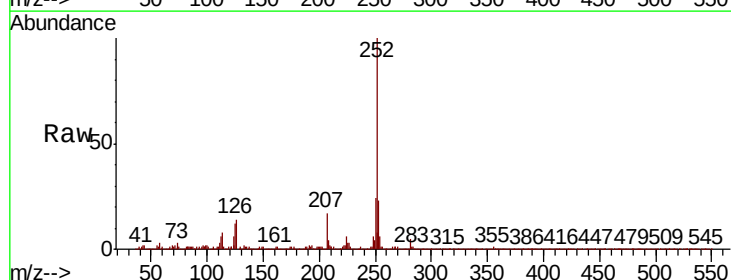
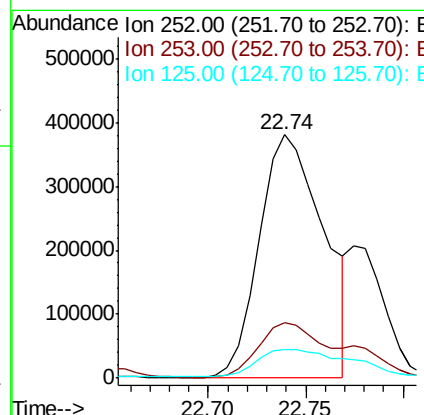
Manual Integrations
 APPROVED

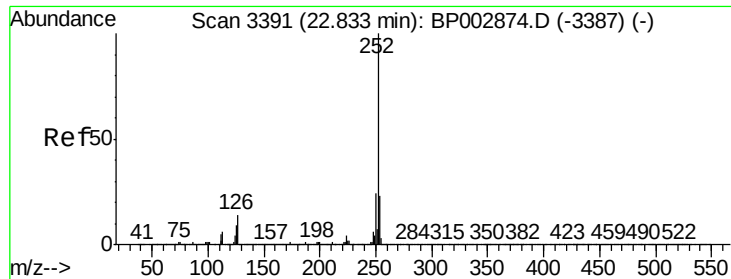
mohammad
 8/19/2020 2:20:37 PM



#88
 Benzo(b)fluoranthene
 Concen: 6.391 ng m
 RT: 22.74 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BP003002.D
 Acq: 17 Aug 2020 14:54

Tgt Ion:	252	Resp:	866650
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.2	27.2
125	12.0	9.4	14.2





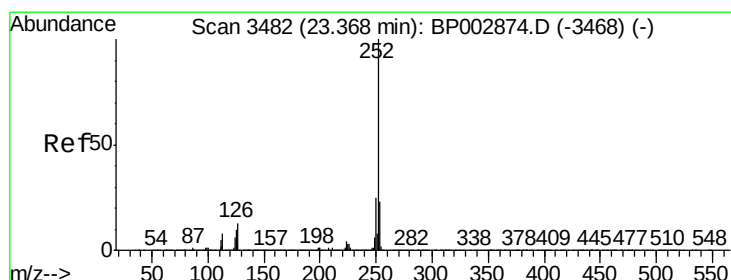
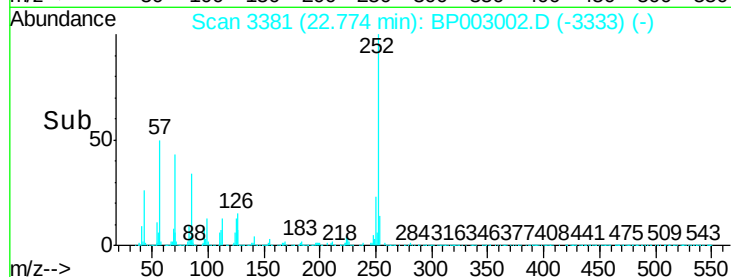
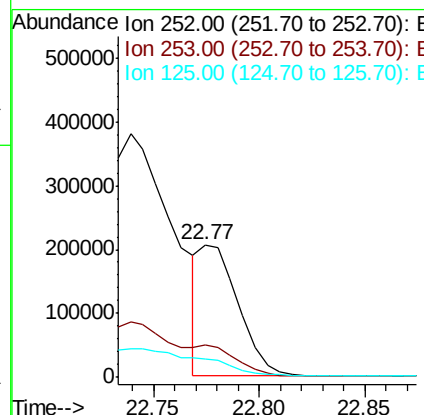
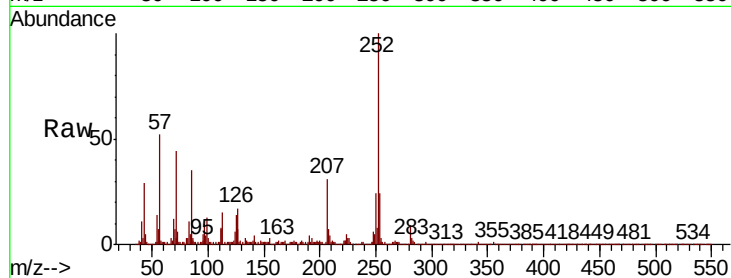
#89
Benzo(k)fluoranthene
Concen: 2.001 ng m
RT: 22.77 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Instrument :
BNA_P
ClientSampleId :
BRICK-PILE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	13.9	9.3	13.9

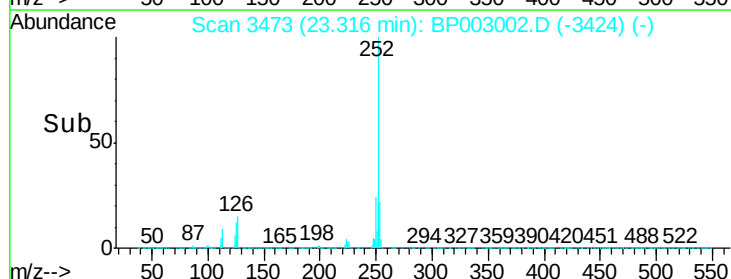
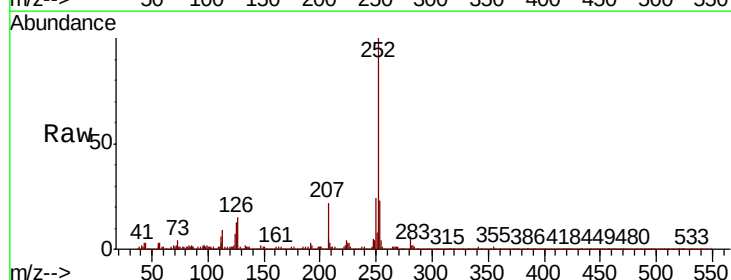
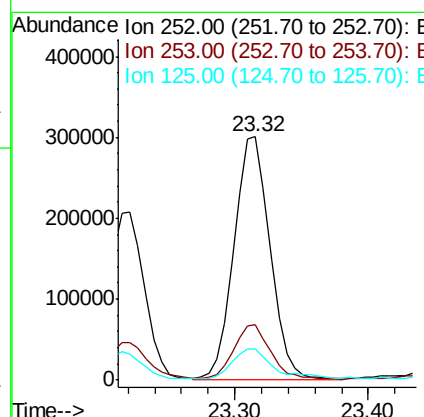
Manual Integrations
APPROVED

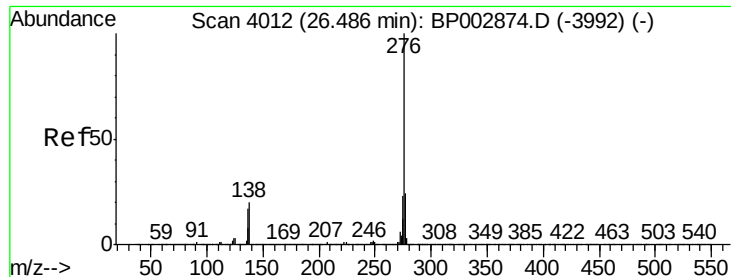
mohammad
8/19/2020 2:20:37 PM



#90
Benzo(a)pyrene
Concen: 4.589 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.01 min
Lab File: BP003002.D
Acq: 17 Aug 2020 14:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.8	9.9	14.9





#92
 Benzo(a,h,i)perylene
 Concen: 2.989 ng
 RT: 26.39 min Scan# 3996
 Delta R.T. -0.03 min
 Lab File: BP003002.D
 Acq: 17 Aug 2020 14:54

Instrument :
 BNA_P
 ClientSampleId :
 BRICK-PILE

Tot Ion:	276	Resp:	378610
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.1	28.7
138	22.6	19.3	28.9

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:20:37 PM

