

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
 Data File : BP005239.D
 Acq On : 08 Apr 2021 16:59
 Operator : CG/JU
 Sample : M1973-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-040721

Manual Integrations
 APPROVED

mohammad
 4/9/2021 11:18:50 AM

Quant Time: Apr 08 17:41:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	21440	20.00	ng	# 0.00
21) Naphthalene-d8	10.475	136	75147	20.00	ng	#-0.01
39) Acenaphthene-d10	14.346	164	48776	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	108455	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	149593	20.00	ng	0.00
86) Perylene-d12	23.486	264	164013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	217750	156.30	ng	0.00
7) Phenol-d6	6.869	99	252329	126.44	ng	-0.01
23) Nitrobenzene-d5	8.846	82	162469	92.77	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	104779	164.87	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	314366	87.19	ng	0.00
79) Terphenyl-d14	19.686	244	665860	81.03	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.899	94	7344	3.59	ng	76
50) Dimethylphthalate	13.810	163	14731	3.92	ng	# 99
71) Phenanthrene	17.151	178	12791	2.03	ng	97
75) Fluoranthene	19.134	202	29754	4.02	ng	96
78) Pyrene	19.486	202	22812	2.22	ng	95
80) Butylbenzylphthalate	20.363	149	8466	2.22	ng	# 72
81) Benzo(a)anthracene	21.198	228	23188	2.28	ng	94
83) Chrysene	21.245	228	30665	3.07	ng	97
84) Bis(2-ethylhexyl)phtha...	21.122	149	127131	22.73	ng	98
85) Di-n-octyl phthalate	22.004	149	22562	2.39	ng	# 88
88) Benzo(b)fluoranthene	22.798	252	38099	3.27	ng	97
89) Benzo(k)fluoranthene	22.845	252	29036m	2.60	ng	
90) Benzo(a)pyrene	23.386	252	23461	2.25	ng	98

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

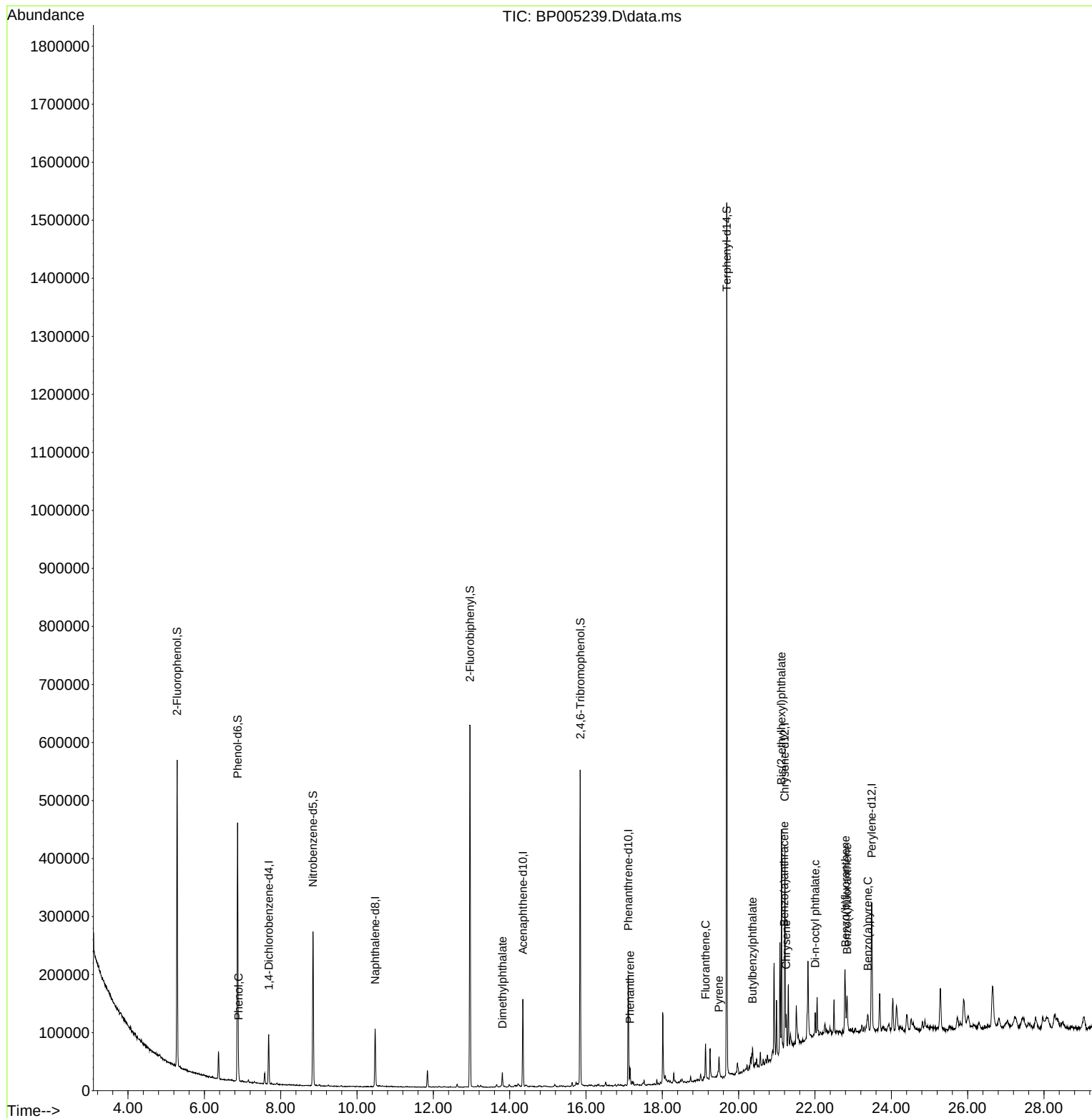
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005239.D
Acq On : 08 Apr 2021 16:59
Operator : CG/JU
Sample : M1973-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

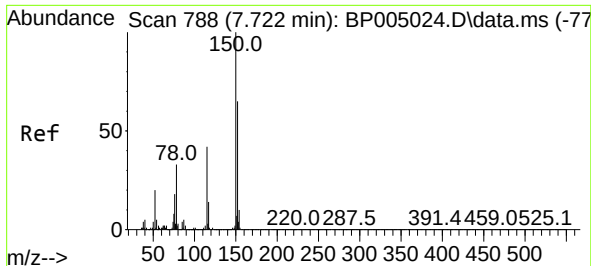
Instrument :
BNA_P
ClientSampleId :
BU-02-040721

Manual Integrations
APPROVED

mohammad
4/9/2021 11:18:50 AM

Quant Time: Apr 08 17:41:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 12:33:08 2021
Response via : Initial Calibration





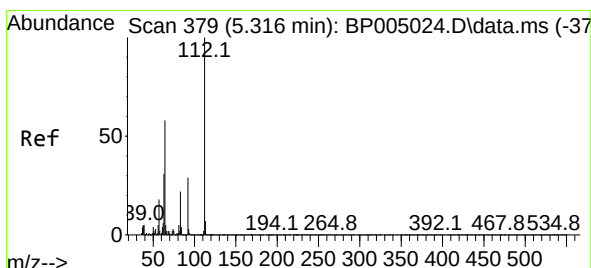
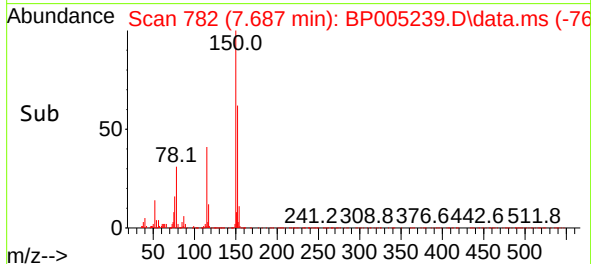
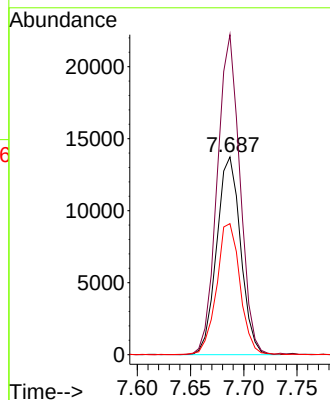
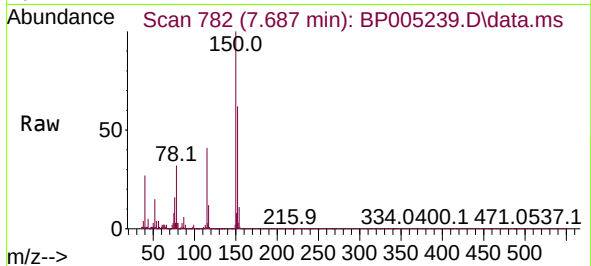
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.8	123.8	185.6
115	66.3	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
BU-02-040721

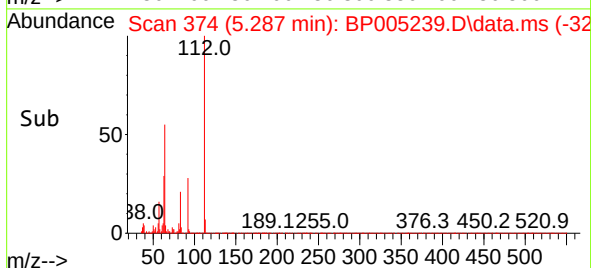
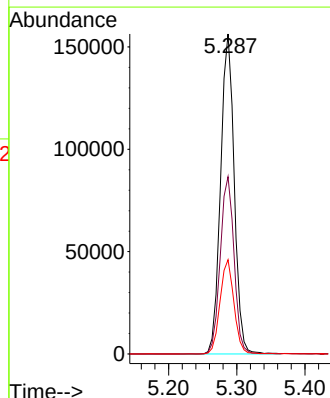
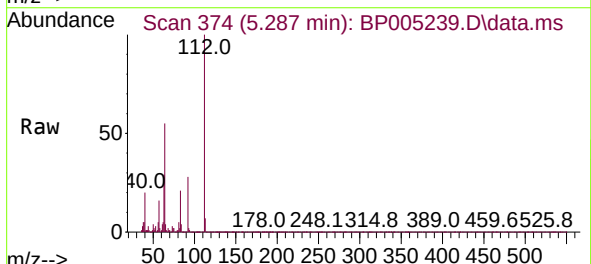
Manual Integrations
APPROVED

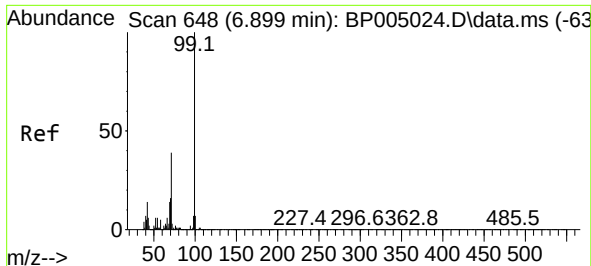
mohammad
4/9/2021 11:18:50 AM



#5
2-Fluorophenol
Concen: 156.30 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

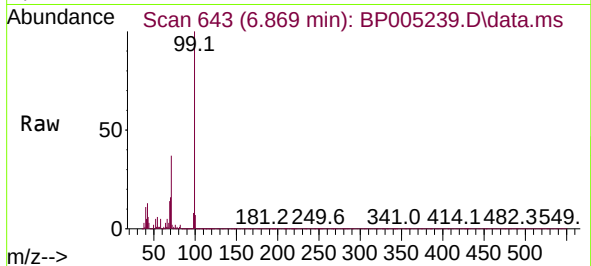
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	32.8	49.2
63	29.5	17.0	25.4





#7
Phenol-d6
Concen: 126.44 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.012 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

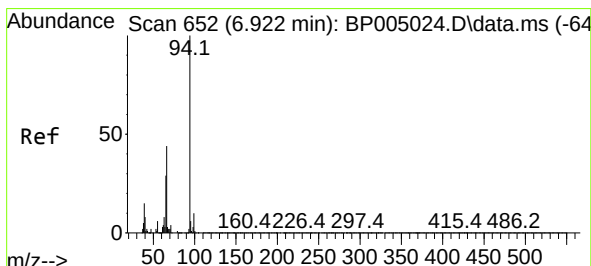
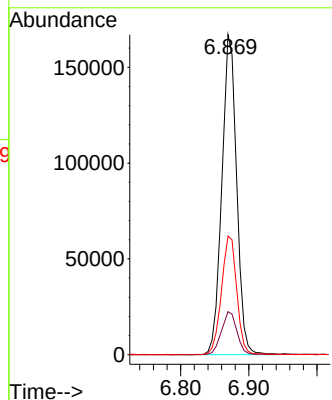
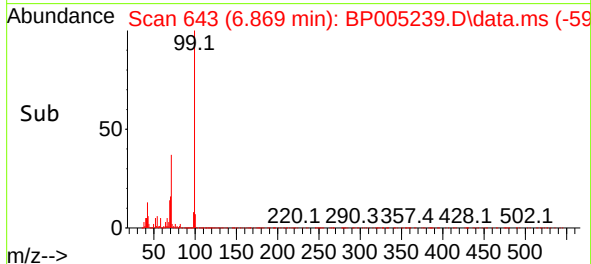
Instrument :
BNA_P
ClientSampleId :
BU-02-040721



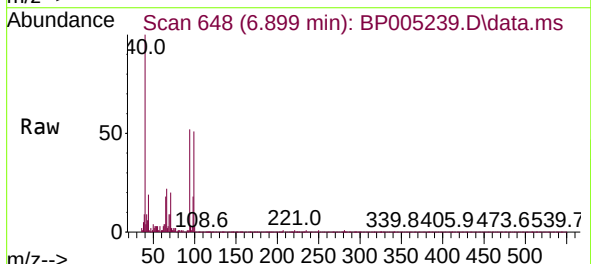
Tgt Ion: 99 Resp: 252329
Ion Ratio Lower Upper
99 100
42 13.4 8.6 13.0#
71 37.1 23.4 35.2#

Manual Integrations
APPROVED

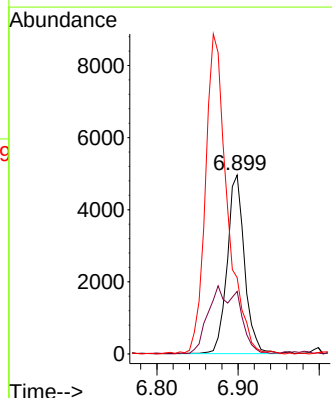
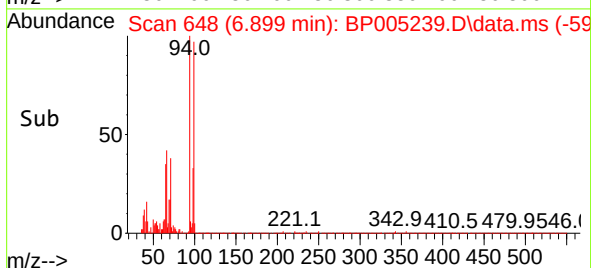
mohammad
4/9/2021 11:18:50 AM

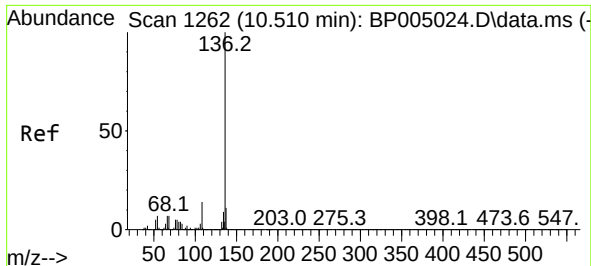


#10
Phenol
Concen: 3.59 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59



Tgt Ion: 94 Resp: 7344
Ion Ratio Lower Upper
94 100
65 35.0 2.3 42.3
66 42.7 10.9 50.9





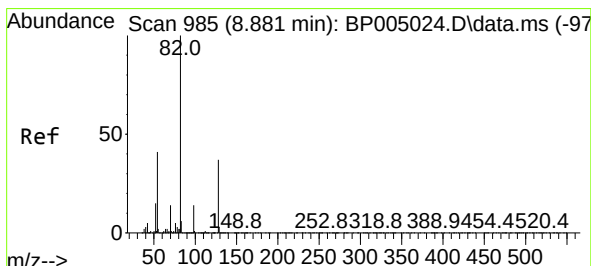
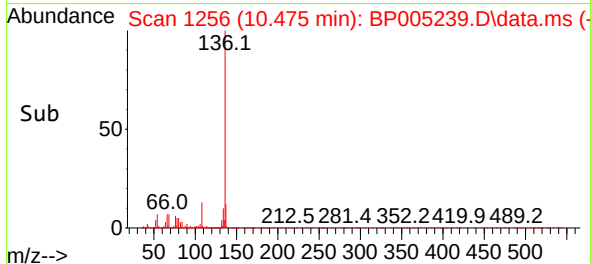
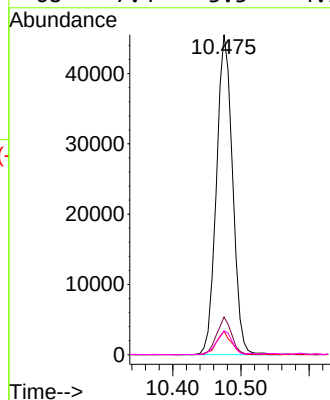
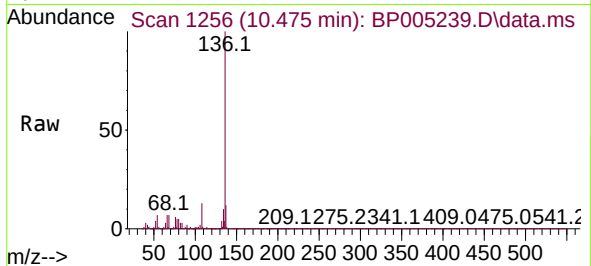
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion:	136	Resp:	75147
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.6	13.0
54	7.4	3.6	5.4#
68	7.4	3.3	4.9#

Instrument :
BNA_P
ClientSampleId :
BU-02-040721

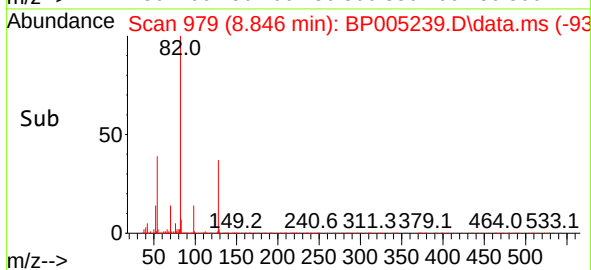
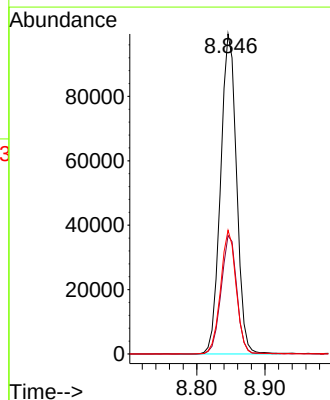
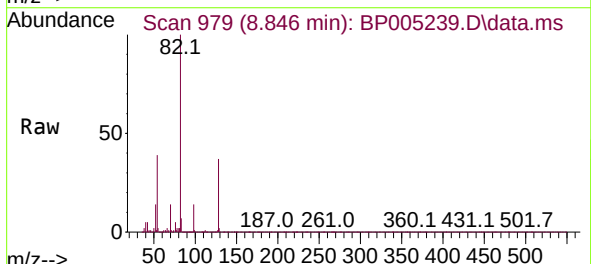
Manual Integrations
APPROVED

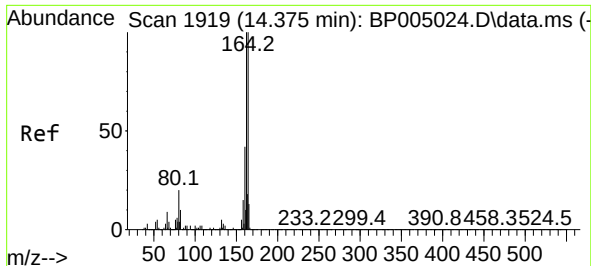
mohammad
4/9/2021 11:18:50 AM



#23
Nitrobenzene-d5
Concen: 92.77 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.012 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

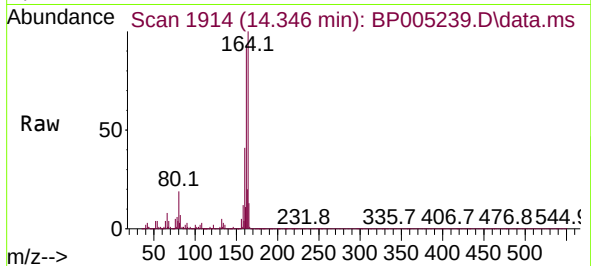
Tgt Ion:	82	Resp:	162469
Ion Ratio	Lower	Upper	
82	100		
128	37.0	45.6	68.4#
54	38.7	30.1	45.1





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

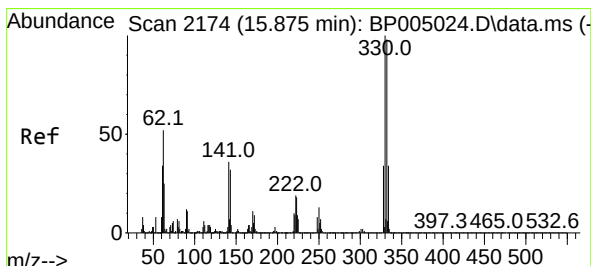
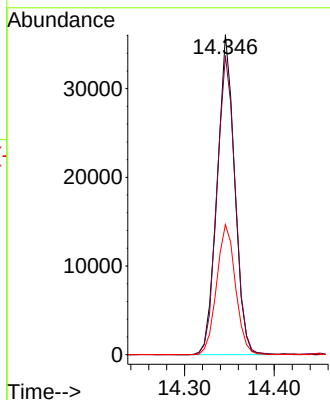
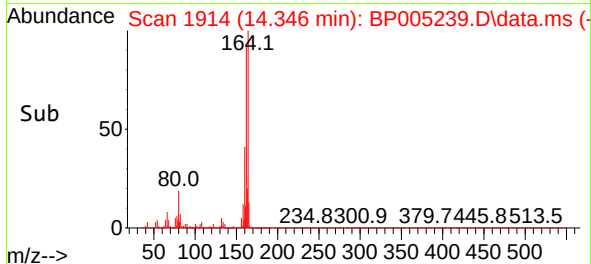
Instrument :
BNA_P
ClientSampleId :
BU-02-040721



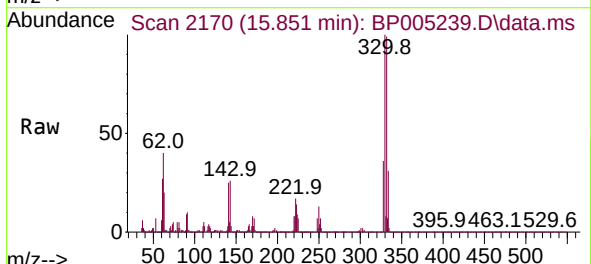
Tgt Ion:164 Resp: 48776
Ion Ratio Lower Upper
164 100
162 93.4 79.4 119.2
160 40.6 36.1 54.1

Manual Integrations
APPROVED

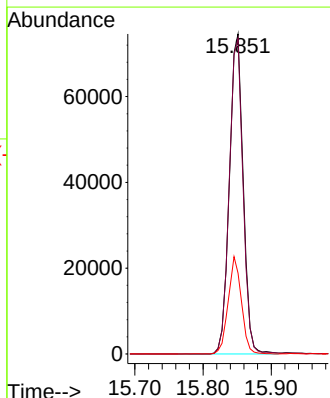
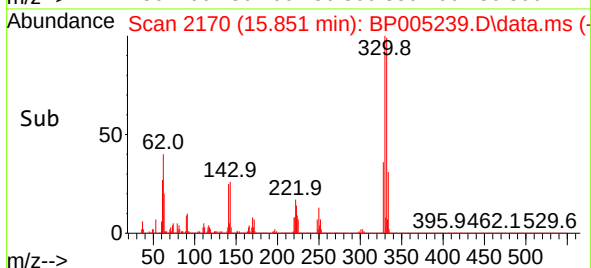
mohammad
4/9/2021 11:18:50 AM

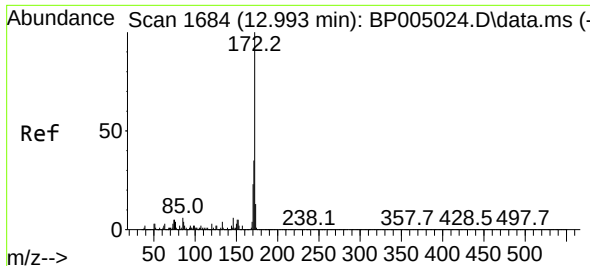


#42
2,4,6-Tribromophenol
Concen: 164.87 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59



Tgt Ion:330 Resp: 104779
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 29.1 23.4 35.2





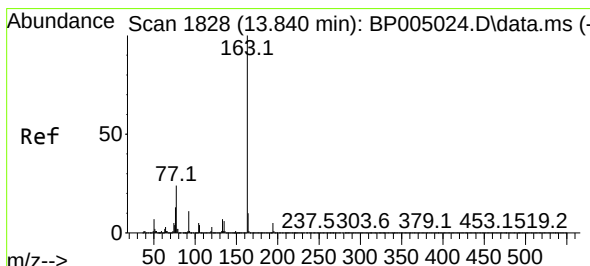
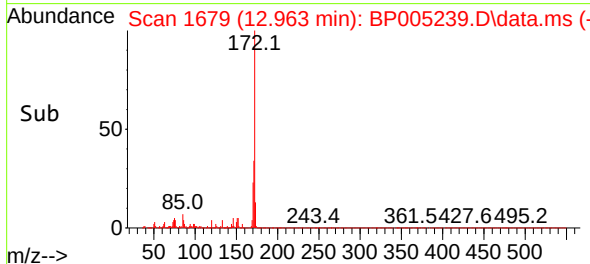
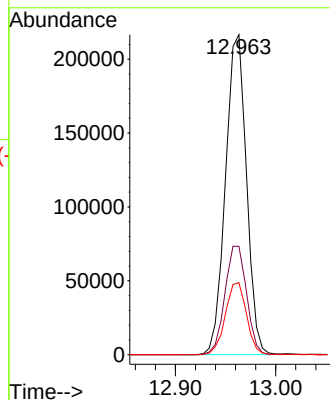
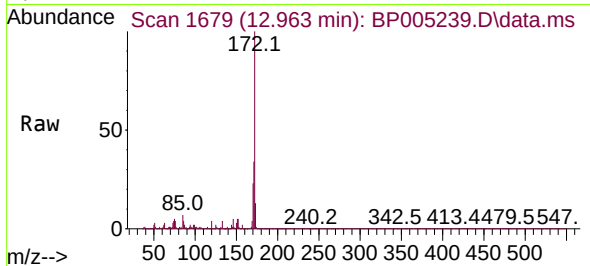
#45
2-Fluorobiphenyl
Concen: 87.19 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	22.5	19.2	28.8

Instrument :
BNA_P
ClientSampled :
BU-02-040721

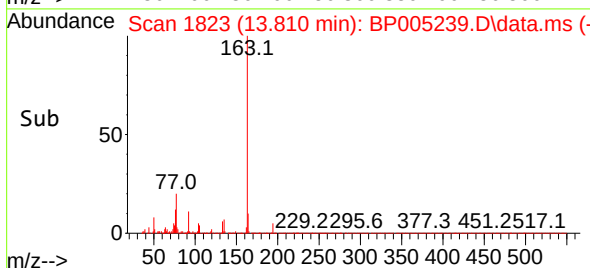
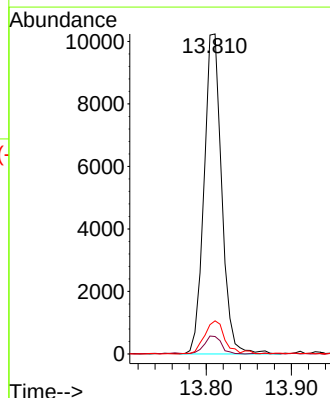
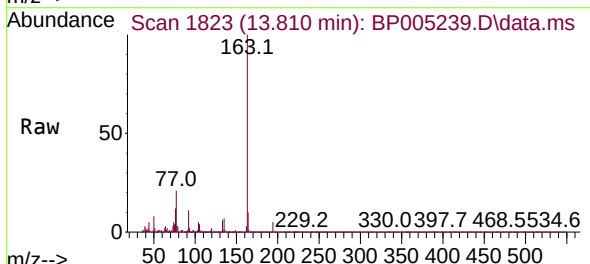
Manual Integrations
APPROVED

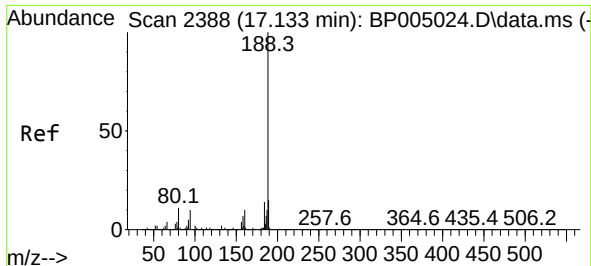
mohammad
4/9/2021 11:18:50 AM



#50
Dimethylphthalate
Concen: 3.92 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.3	4.9
164	10.4	8.2	12.2





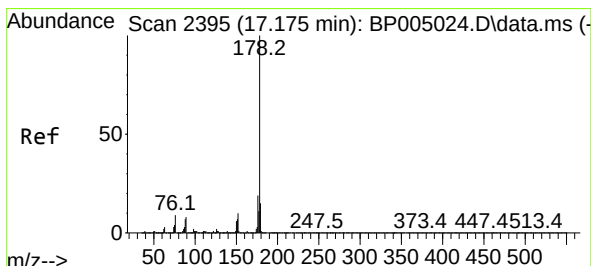
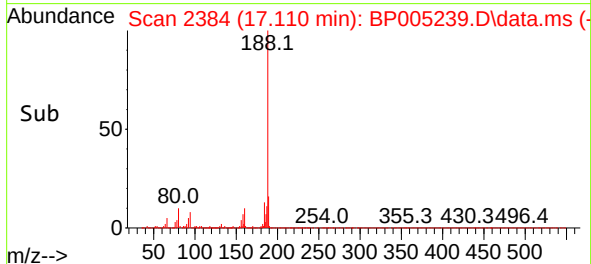
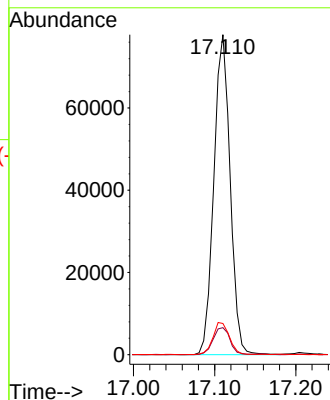
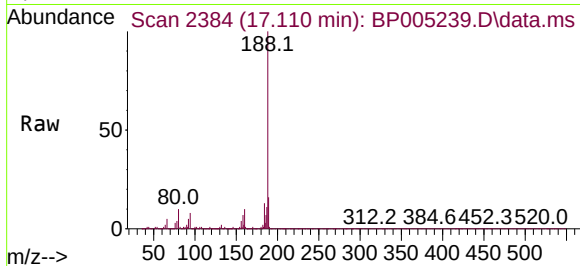
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Instrument :
BNA_P
ClientSampleId :
BU-02-040721

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.2	9.2
80	9.7	6.2	9.2#

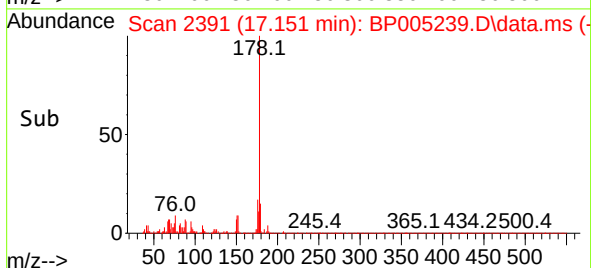
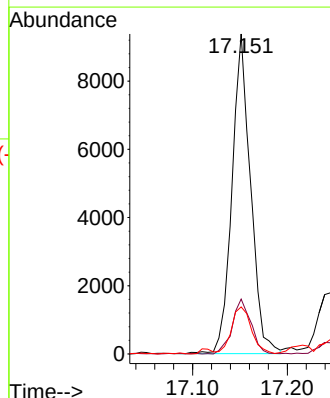
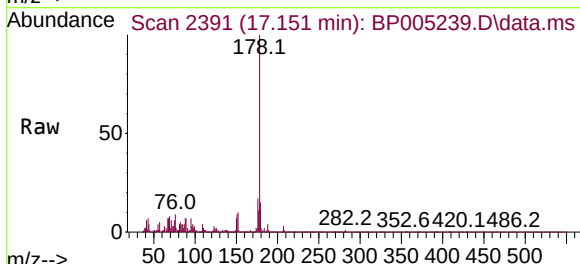
Manual Integrations
APPROVED

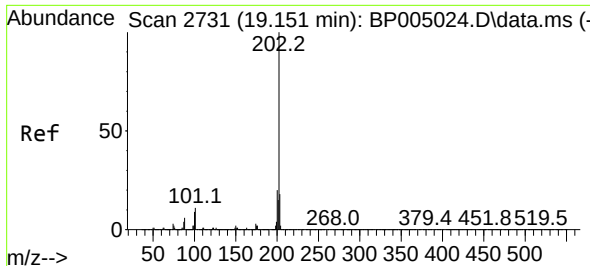
mohammad
4/9/2021 11:18:50 AM



#71
Phenanthrene
Concen: 2.03 ng
RT: 17.151 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

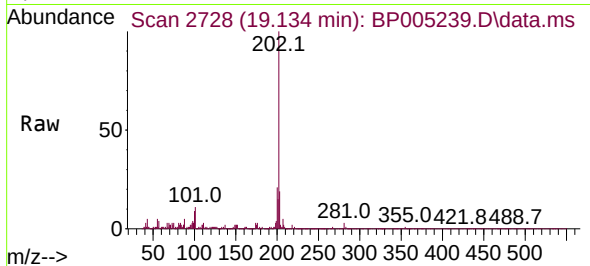
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.3	22.9
179	14.7	12.5	18.7





#75
Fluoranthene
Concen: 4.02 ng
RT: 19.134 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

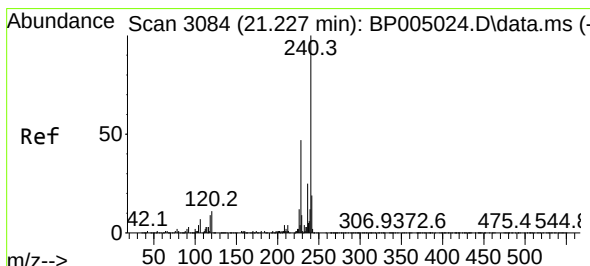
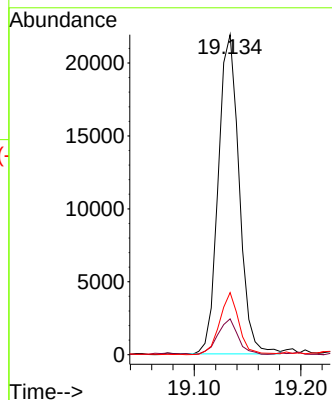
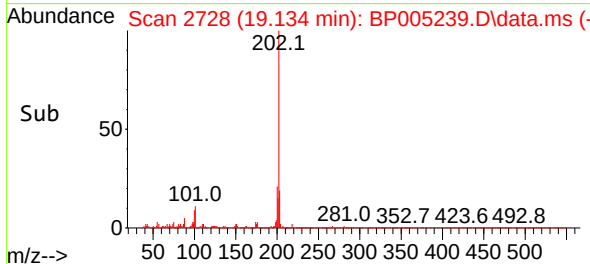
Instrument :
BNA_P
ClientSampleId :
BU-02-040721



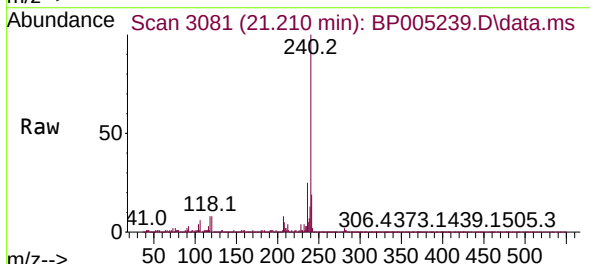
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	29.4
203	19.4	0.0	37.8

Manual Integrations
APPROVED

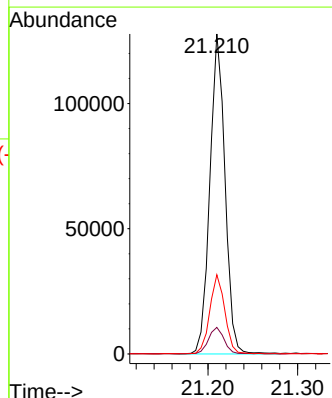
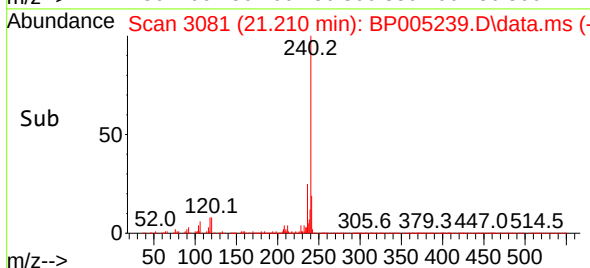
mohammad
4/9/2021 11:18:50 AM

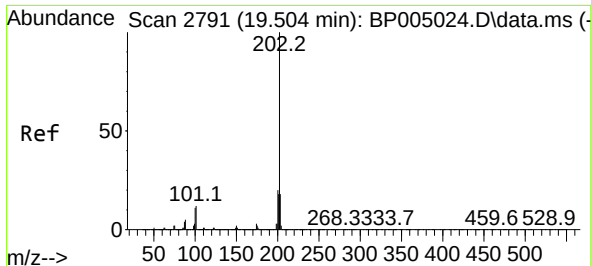


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59



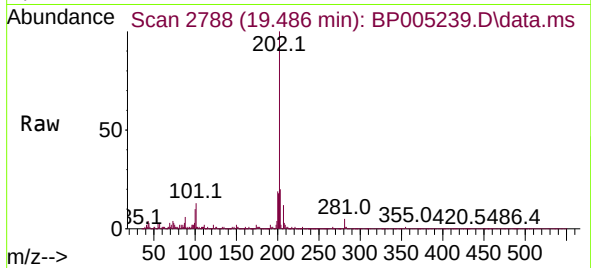
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.8	11.6
236	24.7	20.8	31.2





#78
Pyrene
Concen: 2.22 ng
RT: 19.486 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

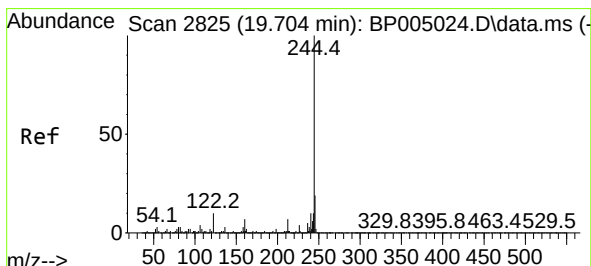
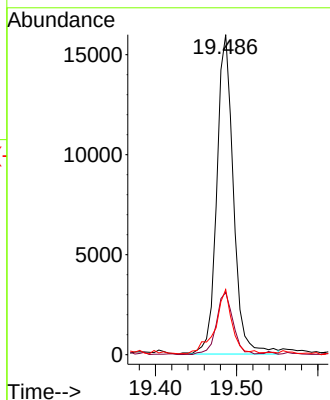
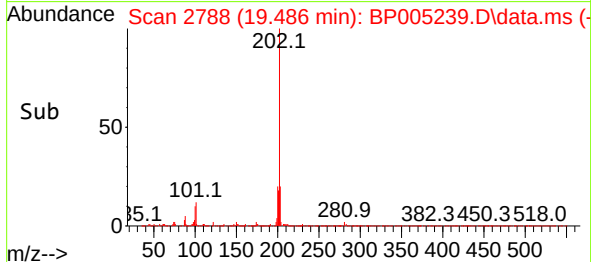
Instrument :
BNA_P
ClientSampleId :
BU-02-040721



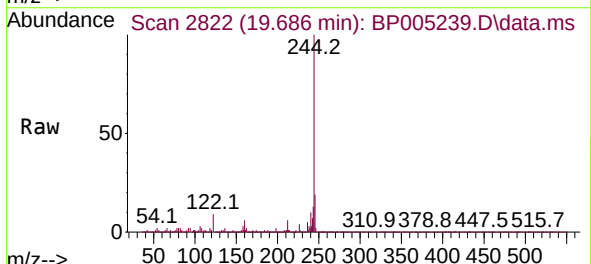
Tgt Ion:202 Resp: 22812
Ion Ratio Lower Upper
202 100
200 19.4 17.1 25.7
203 20.4 14.2 21.2

Manual Integrations
APPROVED

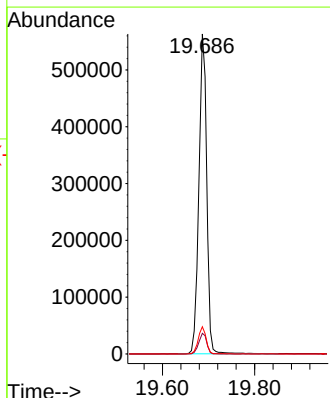
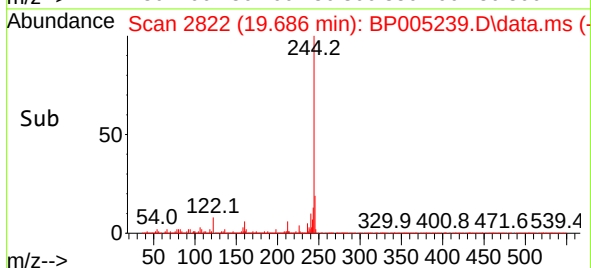
mohammad
4/9/2021 11:18:50 AM

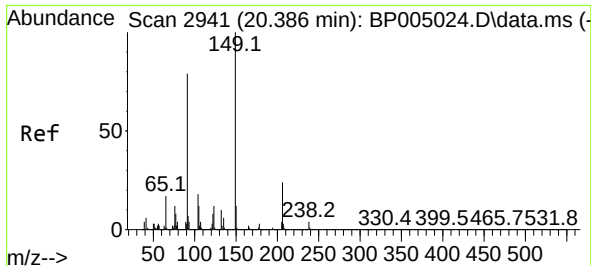


#79
Terphenyl-d14
Concen: 81.03 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59



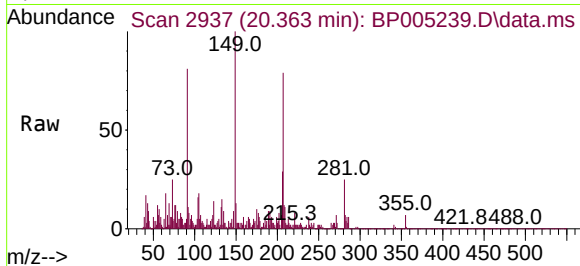
Tgt Ion:244 Resp: 665860
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 8.5 7.8 11.8





#80
Butylbenzylphthalate
Concen: 2.22 ng
RT: 20.363 min Scan# 2937
Delta R.T. 0.000 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

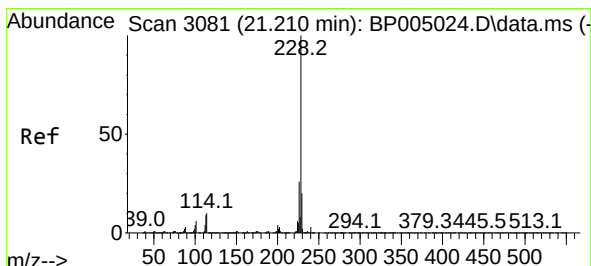
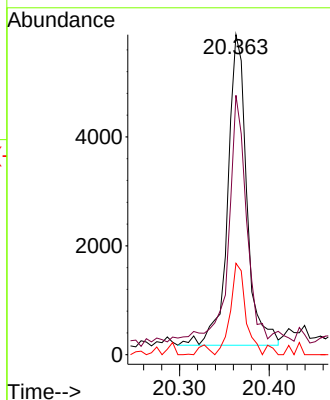
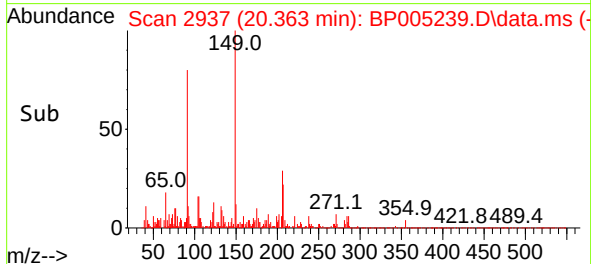
Instrument :
BNA_P
ClientSampleId :
BU-02-040721



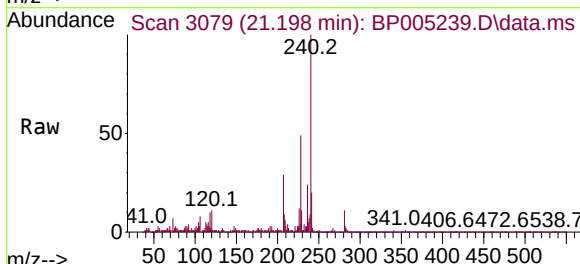
Tgt Ion:149 Resp: 8466
Ion Ratio Lower Upper
149 100
91 81.1 45.4 68.0#
206 28.6 17.1 25.7#

Manual Integrations
APPROVED

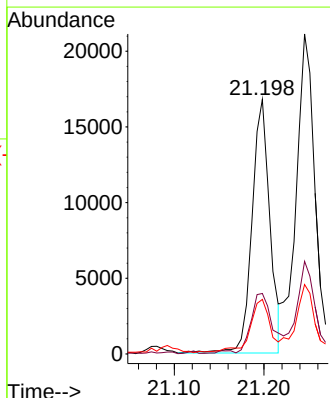
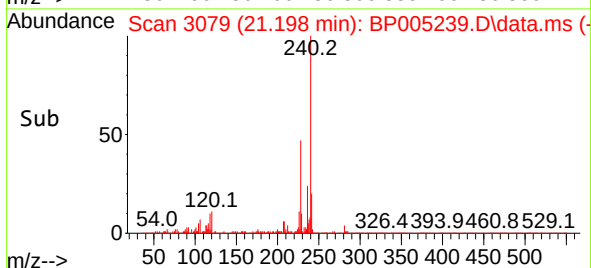
mohammad
4/9/2021 11:18:50 AM

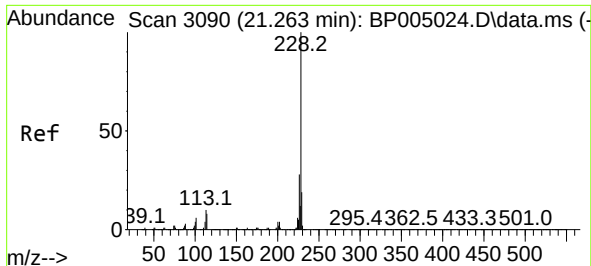


#81
Benzo(a)anthracene
Concen: 2.28 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.000 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59



Tgt Ion:228 Resp: 23188
Ion Ratio Lower Upper
228 100
226 23.8 22.1 33.1
229 21.4 15.9 23.9





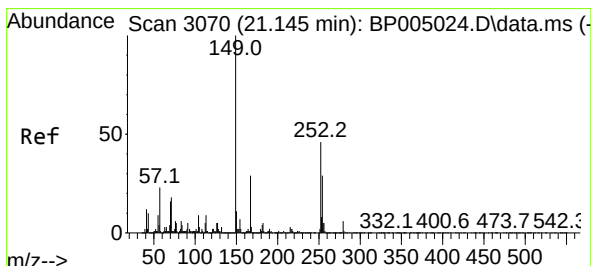
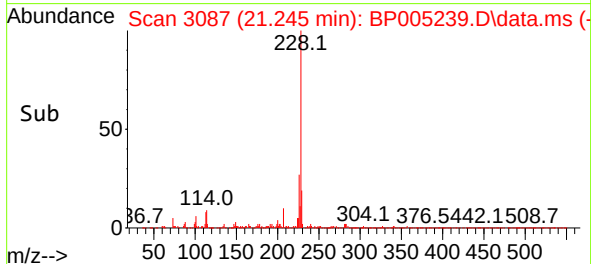
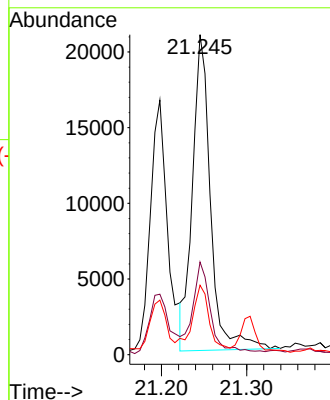
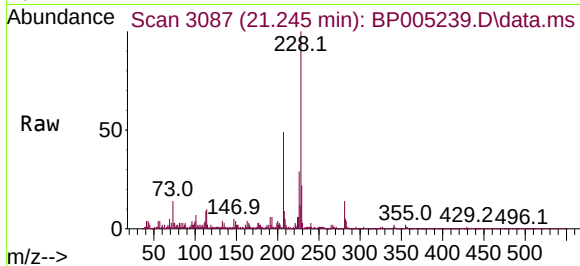
#83
Chrysene
Concen: 3.07 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion:	228	Resp:	30665
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.4	36.6
229	21.7	15.8	23.6

Instrument :
BNA_P
ClientSampleId :
BU-02-040721

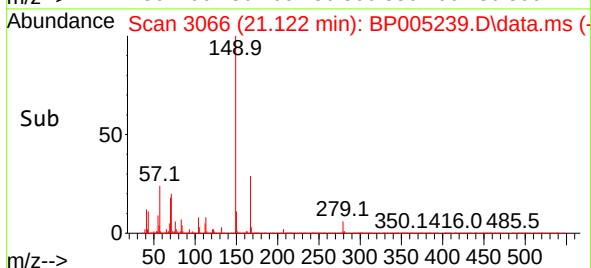
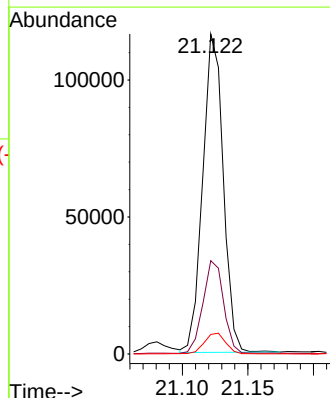
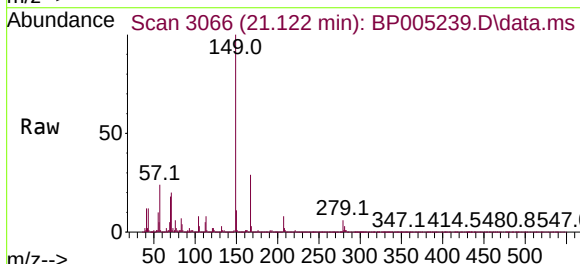
Manual Integrations
APPROVED

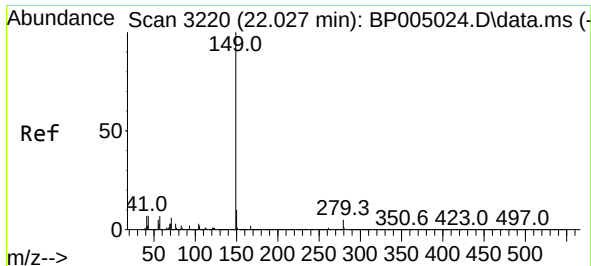
mohammad
4/9/2021 11:18:50 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 22.73 ng
RT: 21.122 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

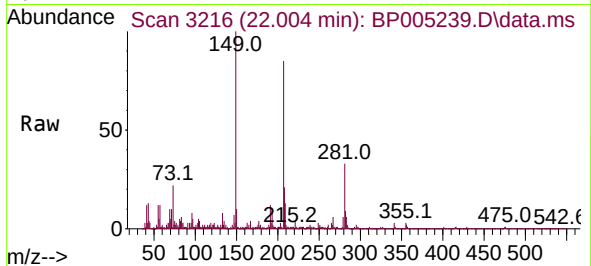
Tgt Ion:	149	Resp:	127131
Ion Ratio	Lower	Upper	
149	100		
167	29.2	22.6	34.0
279	6.1	4.2	6.2





#85
Di-n-octyl phthalate
Concen: 2.39 ng
RT: 22.004 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

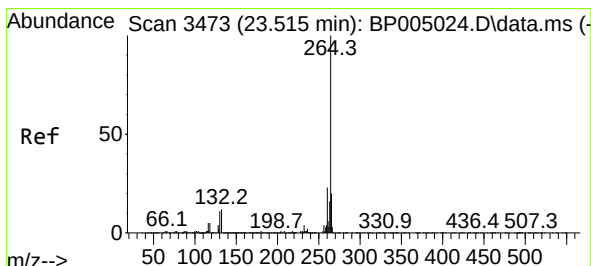
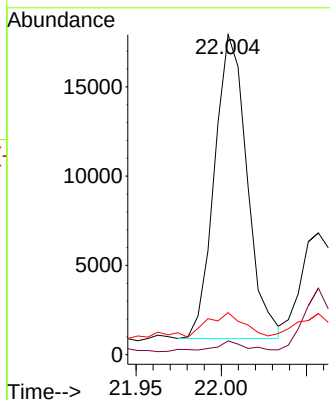
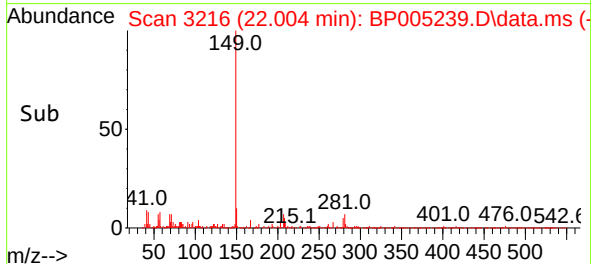
Instrument :
BNA_P
ClientSampled :
BU-02-040721



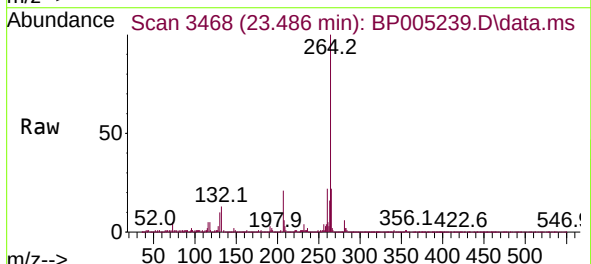
Tgt Ion:149 Resp: 22562
Ion Ratio Lower Upper
149 100
167 4.5 1.3 1.9#
43 8.9 3.7 5.5#

Manual Integrations
APPROVED

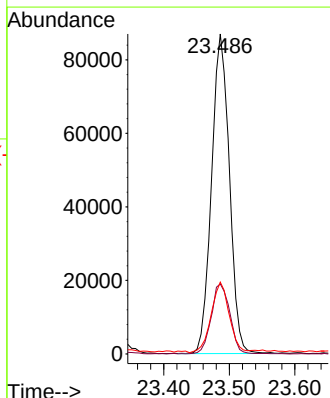
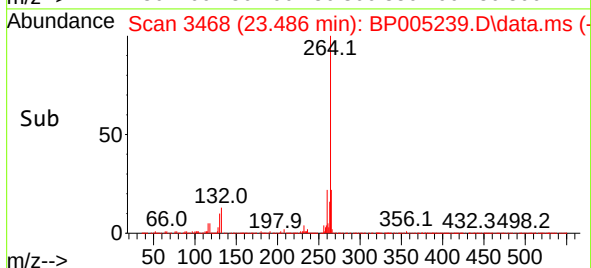
mohammad
4/9/2021 11:18:50 AM

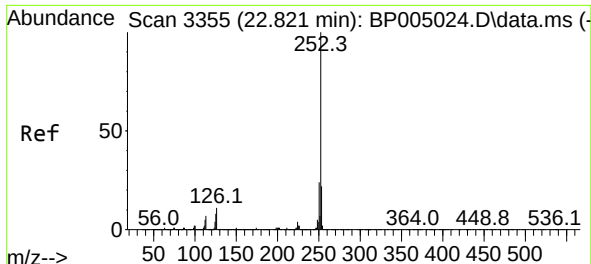


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59



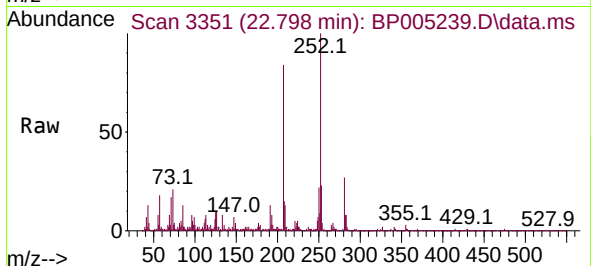
Tgt Ion:264 Resp: 164013
Ion Ratio Lower Upper
264 100
260 21.9 18.8 28.2
265 22.5 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.27 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

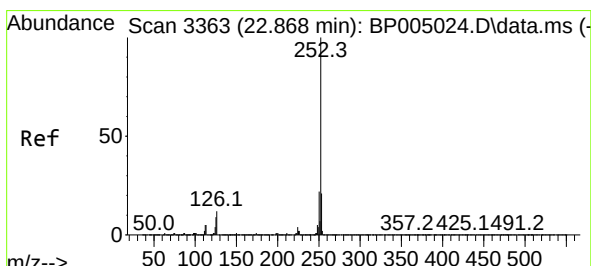
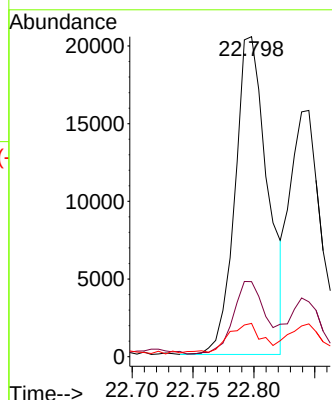
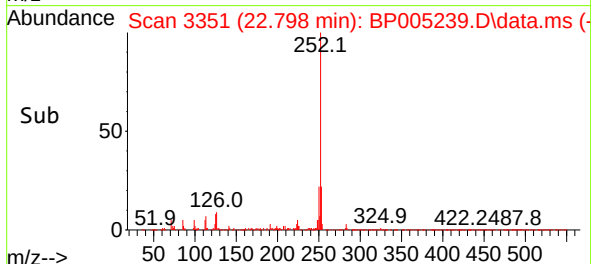
Instrument :
BNA_P
ClientSampleId :
BU-02-040721



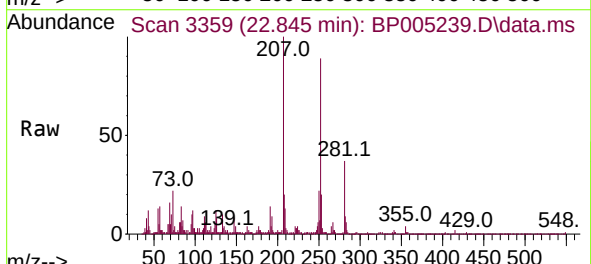
Tgt Ion:252 Resp: 38099
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 10.4 7.3 10.9

Manual Integrations
APPROVED

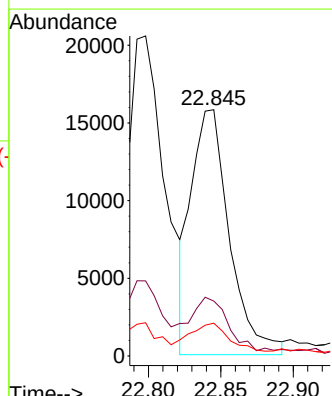
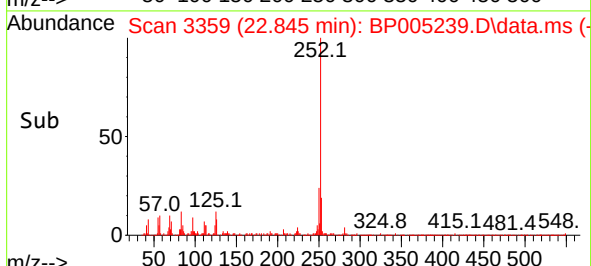
mohammad
4/9/2021 11:18:50 AM

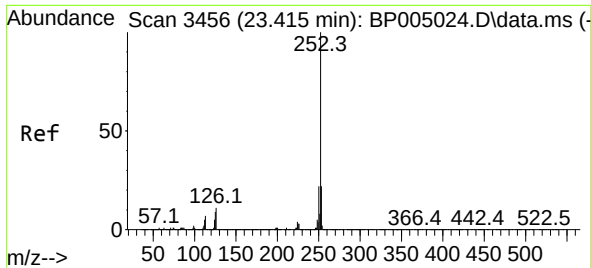


#89
Benzo(k)fluoranthene
Concen: 2.60 ng m
RT: 22.845 min Scan# 3359
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59



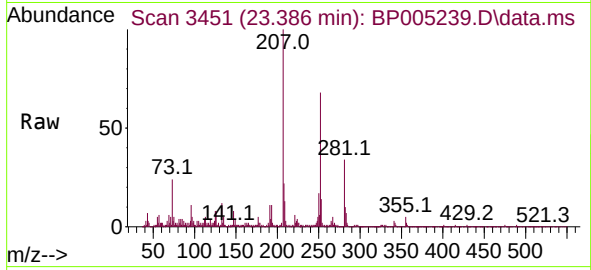
Tgt Ion:252 Resp: 29036
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 13.3 7.4 11.2#





#90
Benzo(a)pyrene
Concen: 2.25 ng
RT: 23.386 min Scan# 3451
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Instrument :
BNA_P
ClientSampleId :
BU-02-040721



Tgt Ion:	252	Resp:	23461
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.4	26.0
125	11.4	8.2	12.4

Manual Integrations
APPROVED

mohammad
4/9/2021 11:18:50 AM

