

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
 Data File : BP006084.D
 Acq On : 28 Jun 2021 18:58
 Operator : CG/JU
 Sample : M2857-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-11-COMP

Manual Integrations
 APPROVED

mohammad
 6/29/2021 2:30:02 PM

Quant Time: Jun 29 02:06:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	91498	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	345285	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	209123	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	430474	20.000	ng	0.00
76) Chrysene-d12	21.357	240	498501	20.000	ng	0.00
86) Perylene-d12	23.757	264	577092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	283042	49.638	ng	0.00
7) Phenol-d6	7.087	99	346698	46.909	ng	0.00
23) Nitrobenzene-d5	9.069	82	206969	29.388	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	180293	50.239	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	525346	32.988	ng	0.00
79) Terphenyl-d14	19.827	244	869501	32.661	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.322	178	94561	3.658	ng	98
75) Fluoranthene	19.286	202	175970	5.605	ng	98
78) Pyrene	19.633	202	245995	7.069	ng	99
81) Benzo(a)anthracene	21.339	228	138884	3.860	ng	97
83) Chrysene	21.392	228	130253	3.737	ng	97
87) Indeno(1,2,3-cd)pyrene	26.274	276	136472	2.765	ng	98
88) Benzo(b)fluoranthene	23.021	252	204295m	5.169	ng	
90) Benzo(a)pyrene	23.651	252	162494	4.373	ng	96
92) Benzo(g,h,i)perylene	27.056	276	147892	3.525	ng	95

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

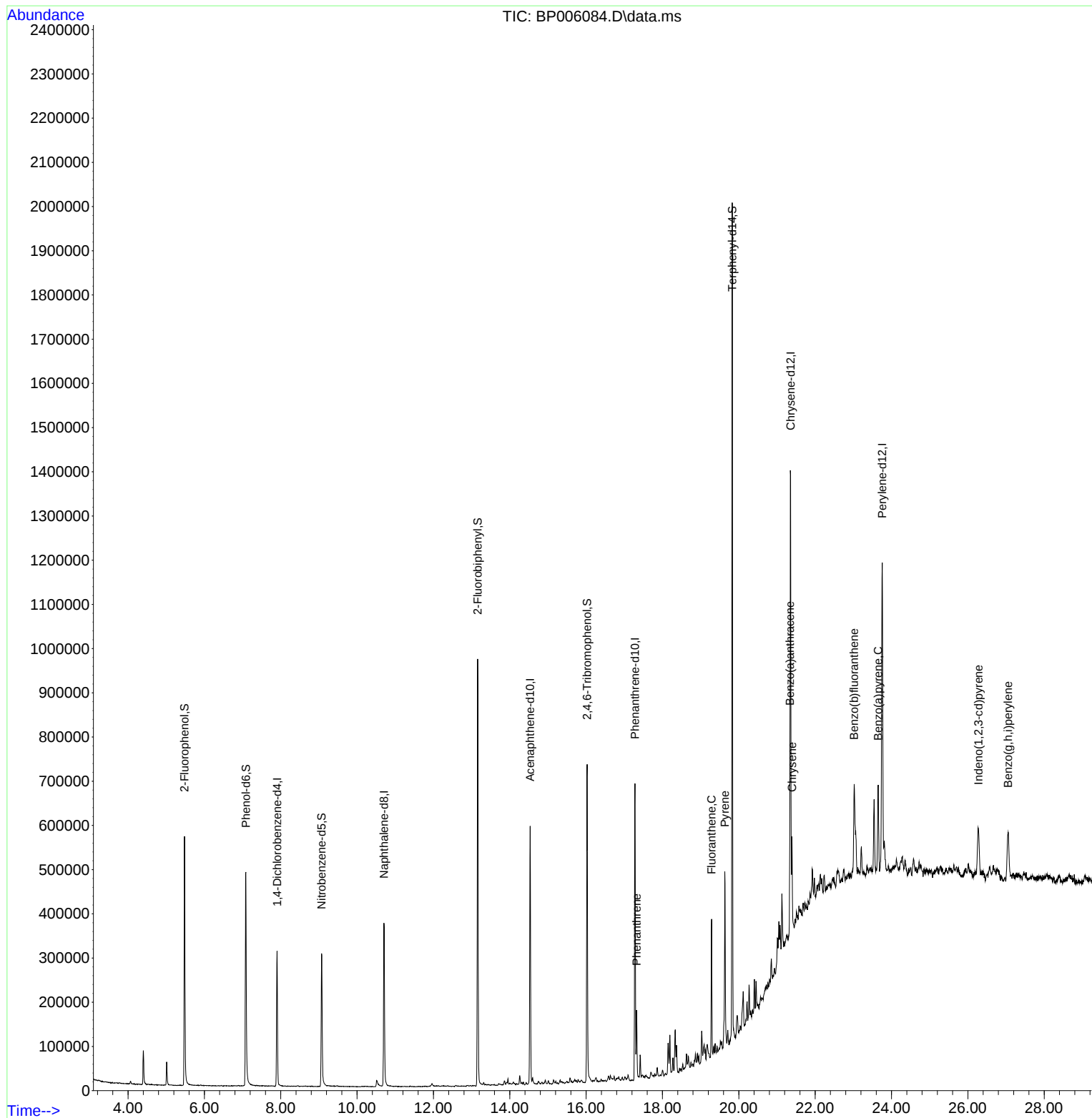
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
Data File : BP006084.D
Acq On : 28 Jun 2021 18:58
Operator : CG/JU
Sample : M2857-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

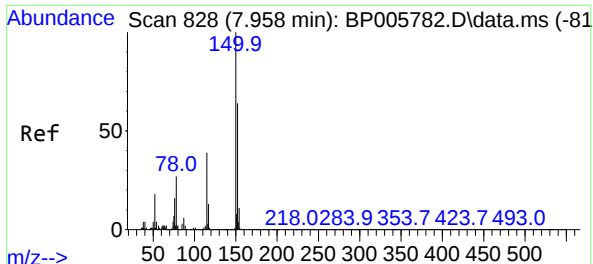
Instrument :
BNA_P
ClientSampled :
SB-11-COMP

Manual Integrations
APPROVED

mohammad
6/29/2021 2:30:02 PM

Quant Time: Jun 29 02:06:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 11:34:30 2021
Response via : Initial Calibration





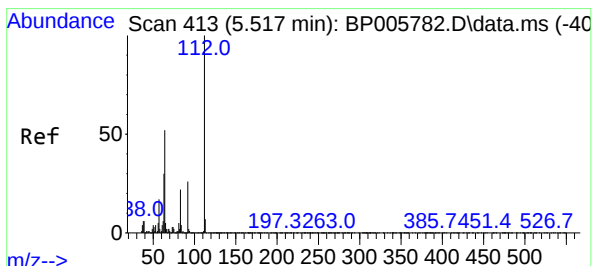
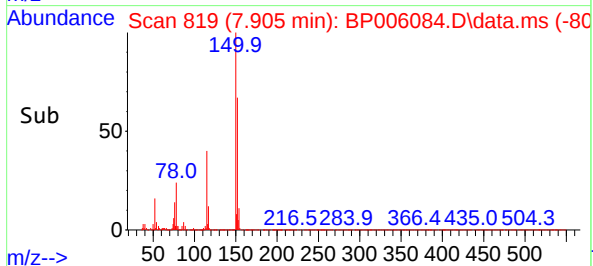
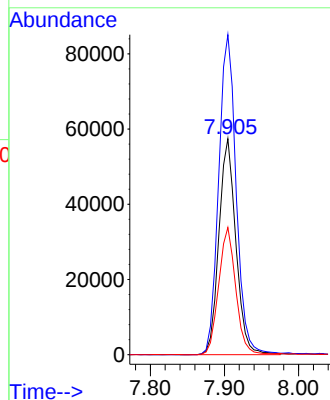
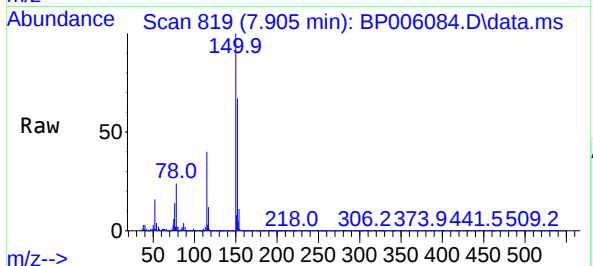
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion:152 Resp: 91498
Ion Ratio Lower Upper
152 100
150 148.2 125.6 188.4
115 58.9 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

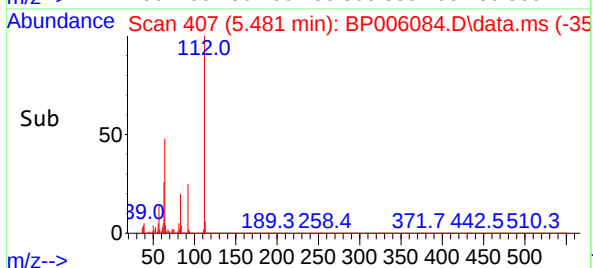
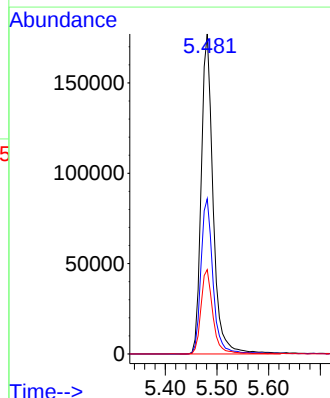
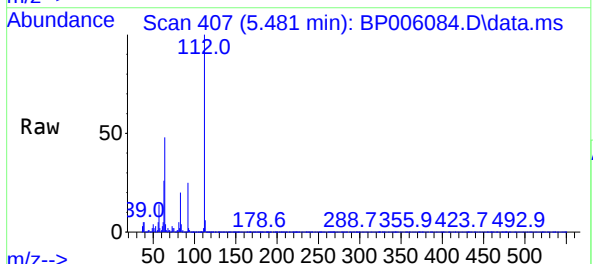
Manual Integrations
APPROVED

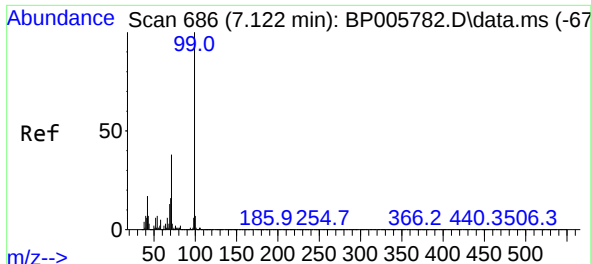
mohammad
6/29/2021 2:30:02 PM



#5
2-Fluorophenol
Concen: 49.638 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion:112 Resp: 283042
Ion Ratio Lower Upper
112 100
64 48.5 41.4 62.2
63 26.3 23.8 35.8





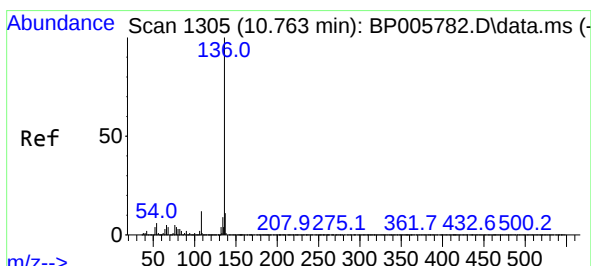
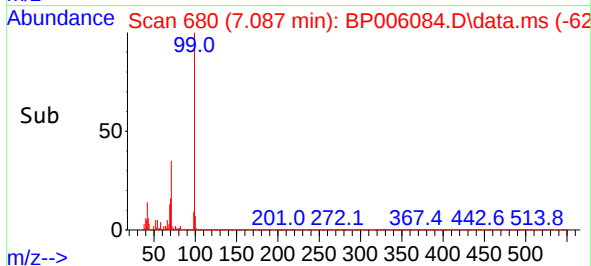
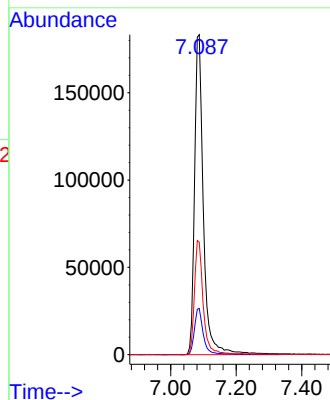
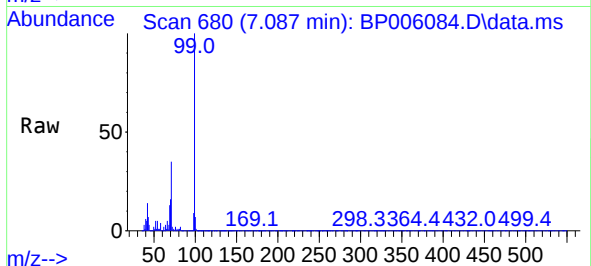
#7
Phenol-d6
Concen: 46.909 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion: 99 Resp: 346698
Ion Ratio Lower Upper
99 100
42 14.4 13.4 20.0
71 35.2 30.6 46.0

Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

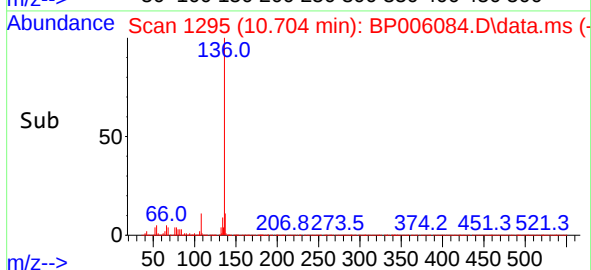
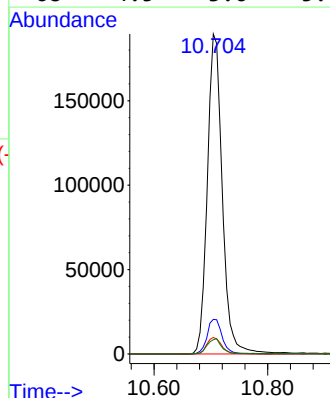
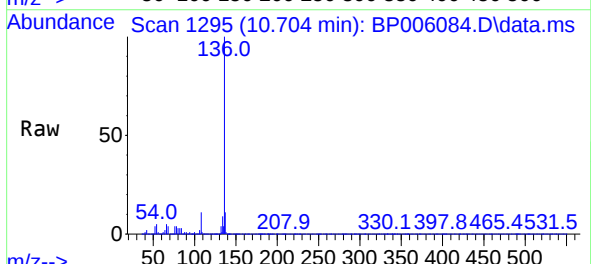
Manual Integrations
APPROVED

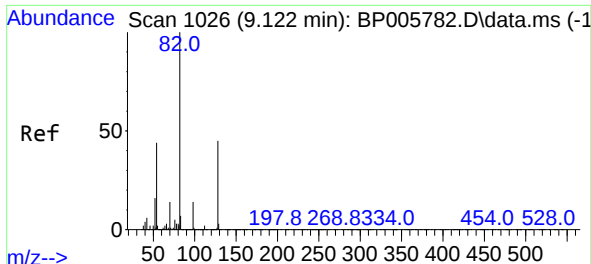
mohammad
6/29/2021 2:30:02 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion: 136 Resp: 345285
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 5.2 4.6 6.8
68 4.5 3.6 5.4





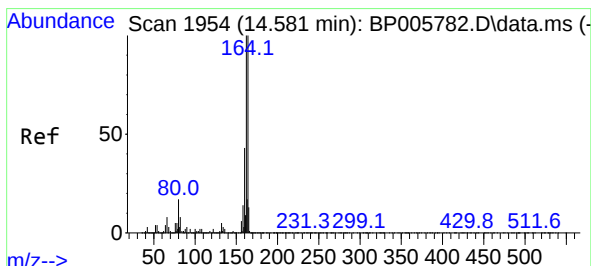
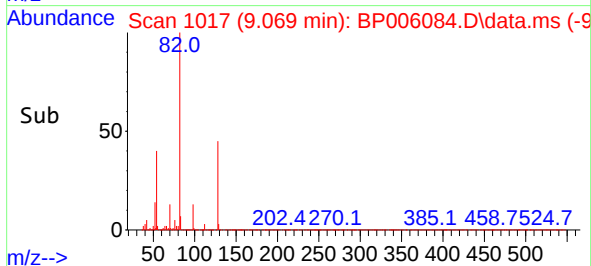
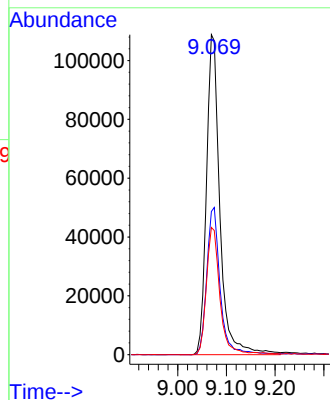
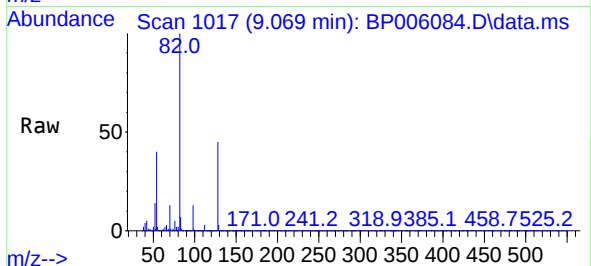
#23
Nitrobenzene-d5
Concen: 29.388 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion: 82 Resp: 206969
Ion Ratio Lower Upper
82 100
128 44.8 35.7 53.5
54 39.8 35.0 52.4

Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

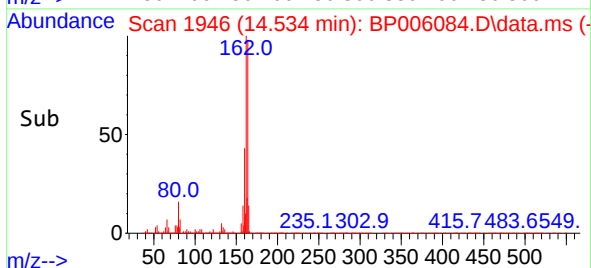
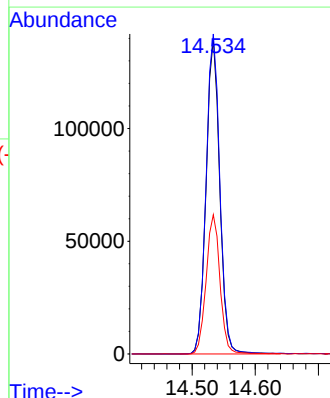
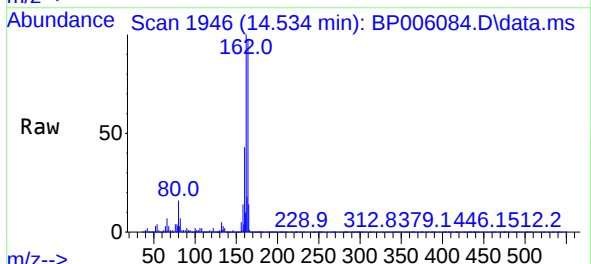
Manual Integrations
APPROVED

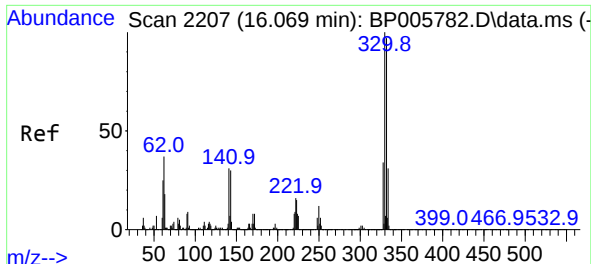
mohammad
6/29/2021 2:30:02 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

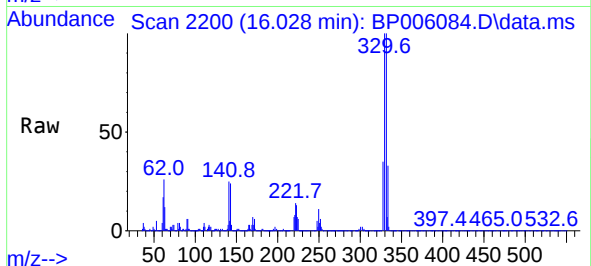
Tgt Ion: 164 Resp: 209123
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 44.2 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 50.239 ng
RT: 16.028 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

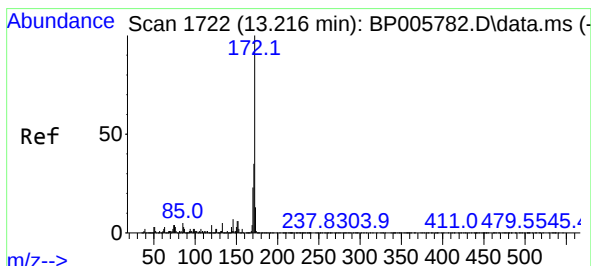
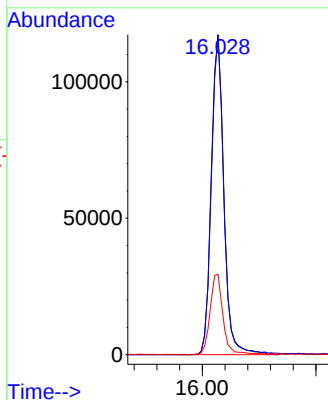
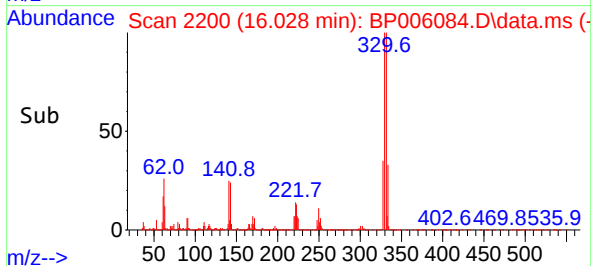
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP



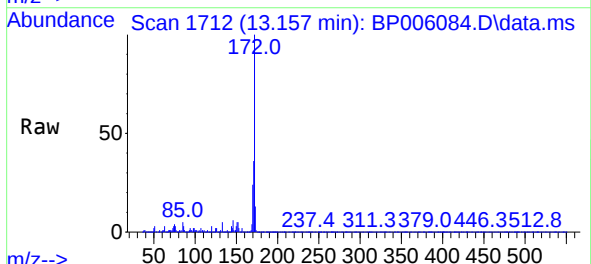
Tgt Ion:330 Resp: 180293
Ion Ratio Lower Upper
330 100
332 98.8 77.8 116.8
141 25.6 25.4 38.2

Manual Integrations
APPROVED

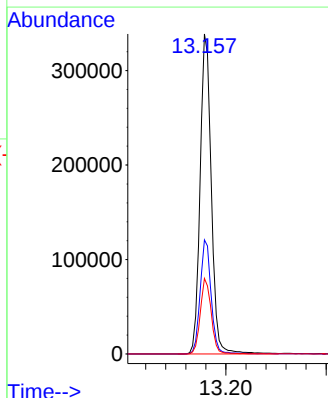
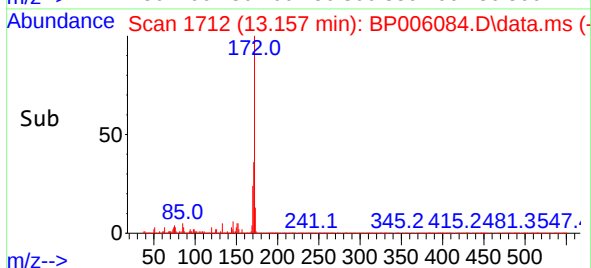
mohammad
6/29/2021 2:30:02 PM

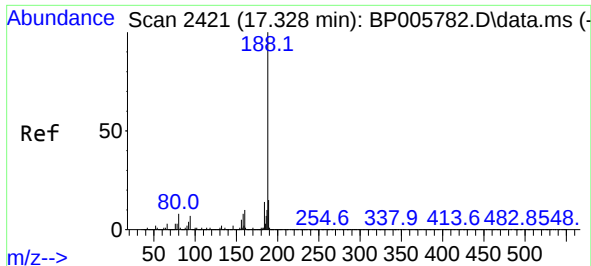


#45
2-Fluorobiphenyl
Concen: 32.988 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58



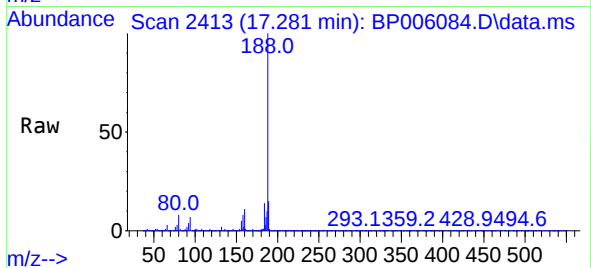
Tgt Ion:172 Resp: 525346
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.6 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

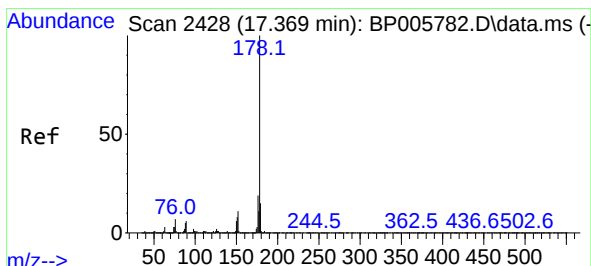
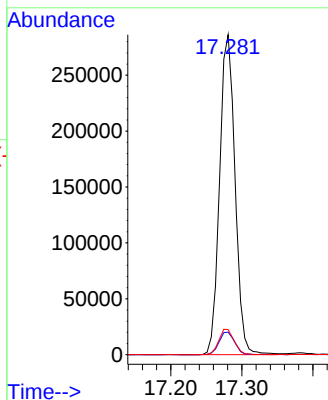
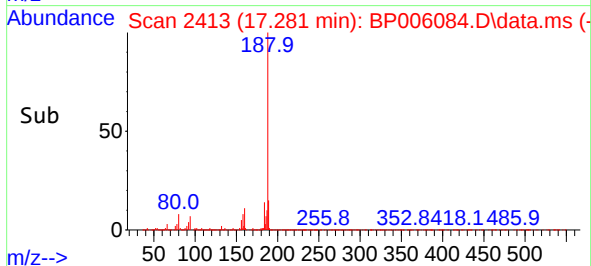
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP



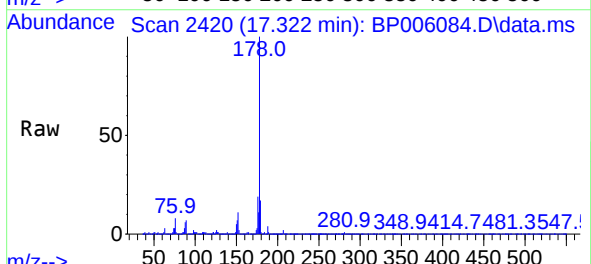
Tgt Ion:188 Resp: 430474
Ion Ratio Lower Upper
188 100
94 7.0 5.6 8.4
80 7.9 6.3 9.5

Manual Integrations
APPROVED

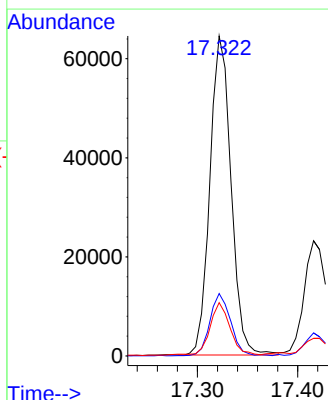
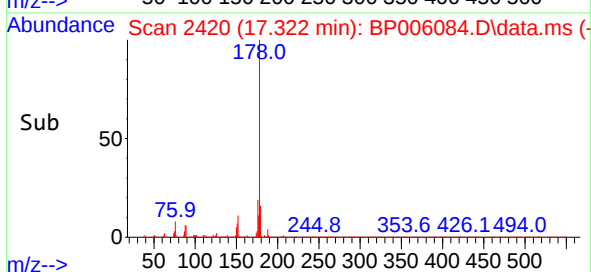
mohammad
6/29/2021 2:30:02 PM

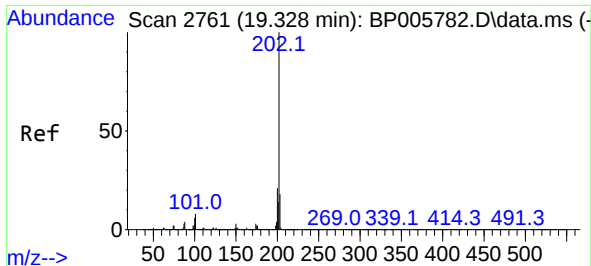


#71
Phenanthrene
Concen: 3.658 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58



Tgt Ion:178 Resp: 94561
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 16.7 12.4 18.6



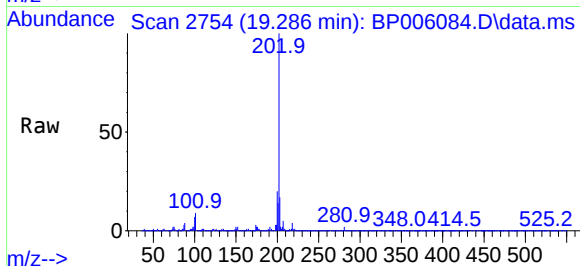


#75
Fluoranthene
Concen: 5.605 ng
RT: 19.286 min Scan# 2754
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

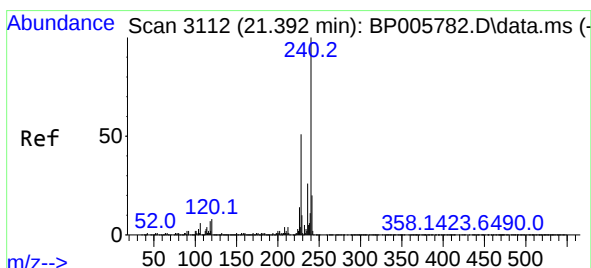
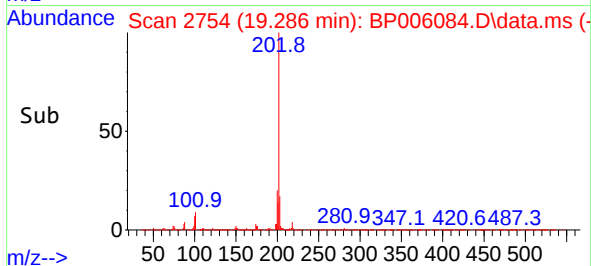
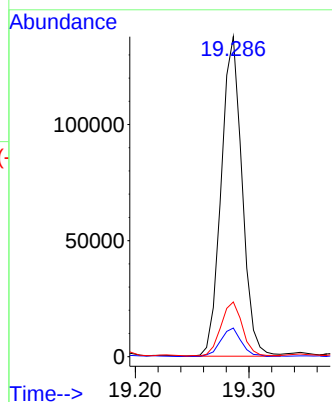
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

Manual Integrations
APPROVED

mohammad
6/29/2021 2:30:02 PM

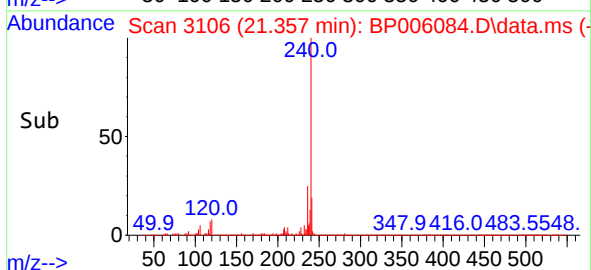
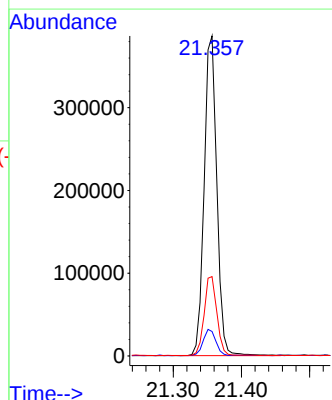
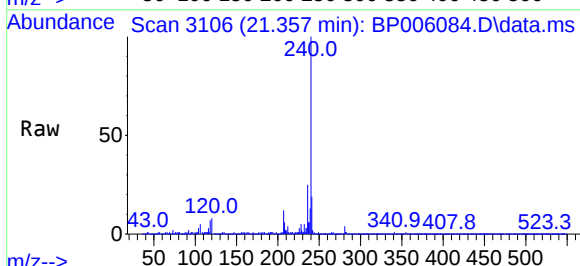


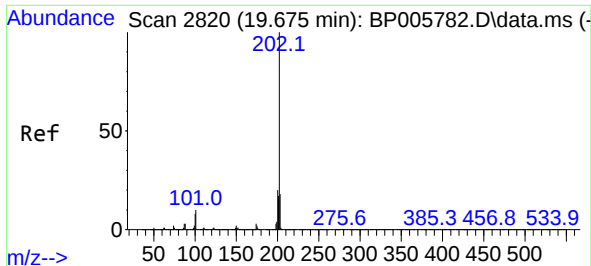
Tgt Ion:202 Resp: 175970
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.6
203 17.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

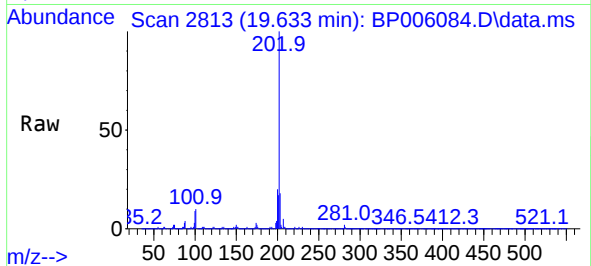
Tgt Ion:240 Resp: 498501
Ion Ratio Lower Upper
240 100
120 7.7 6.5 9.7
236 24.8 20.6 31.0





#78
Pyrene
Concen: 7.069 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

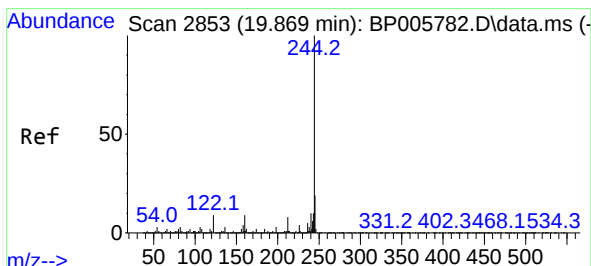
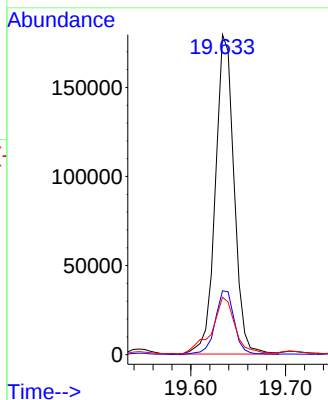
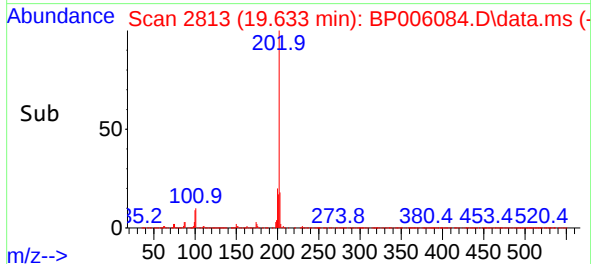
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP



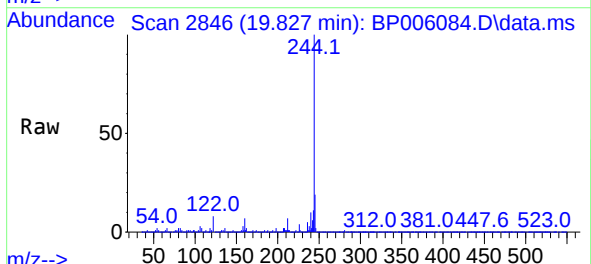
Tgt Ion:202 Resp: 245995
Ion Ratio Lower Upper
202 100
200 19.9 16.3 24.5
203 18.0 14.2 21.2

Manual Integrations
APPROVED

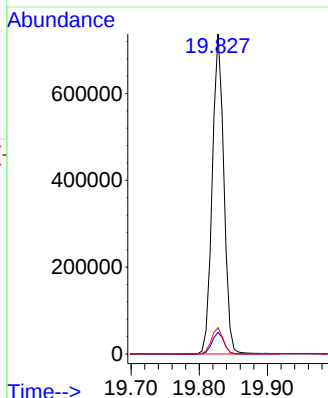
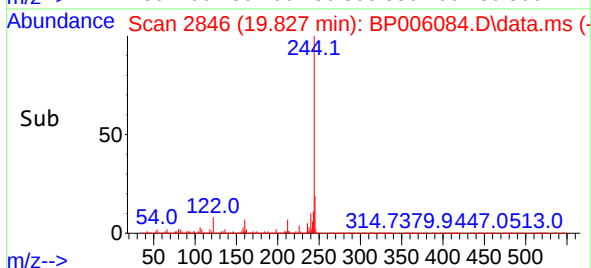
mohammad
6/29/2021 2:30:02 PM

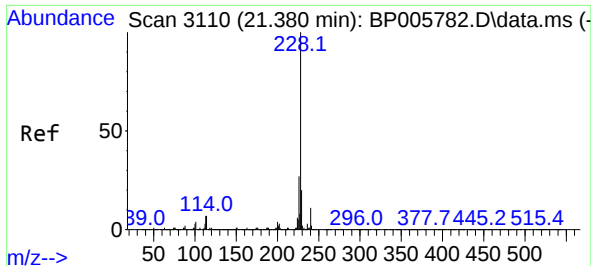


#79
Terphenyl-d14
Concen: 32.661 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58



Tgt Ion:244 Resp: 869501
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 8.2 7.1 10.7





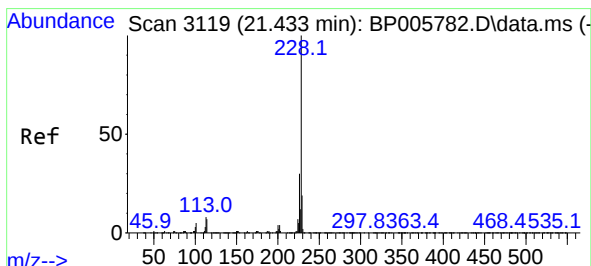
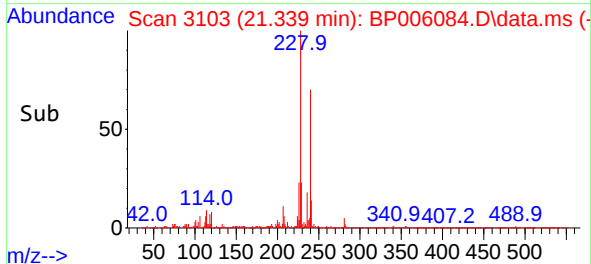
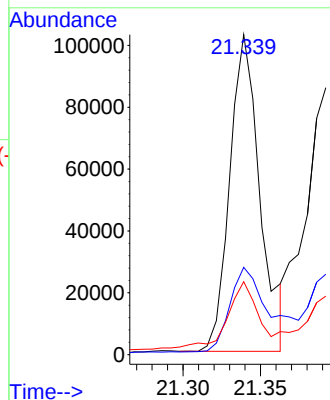
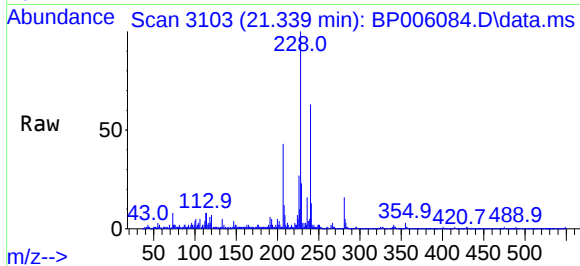
#81
Benzo(a)anthracene
Concen: 3.860 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Tgt Ion:228 Resp: 138884
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 22.8 15.8 23.6

Instrument :
BNA_P
ClientSampled :
SB-11-COMP

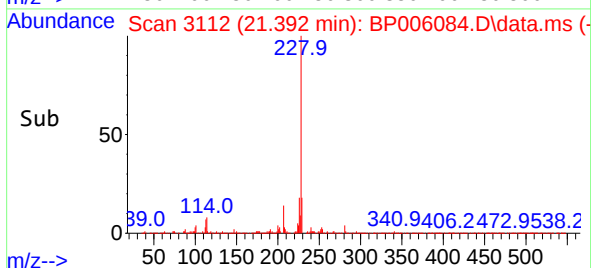
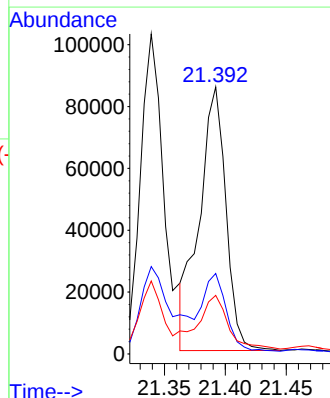
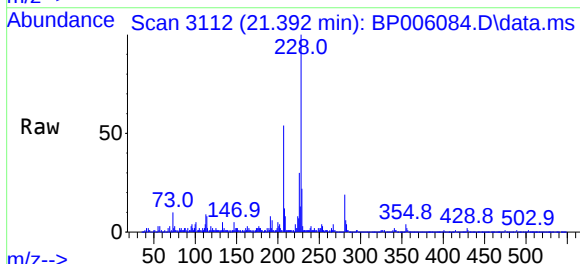
Manual Integrations
APPROVED

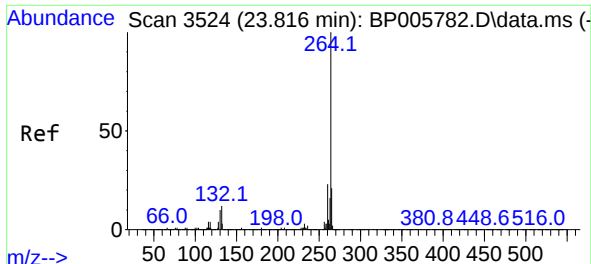
mohammad
6/29/2021 2:30:02 PM



#83
Chrysene
Concen: 3.737 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

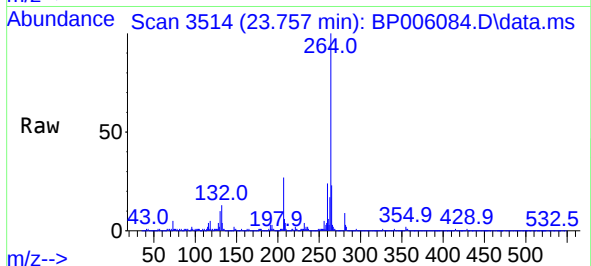
Tgt Ion:228 Resp: 130253
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 21.9 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

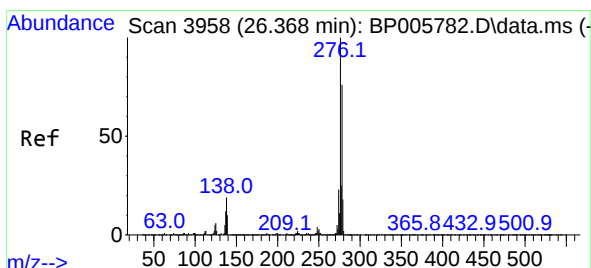
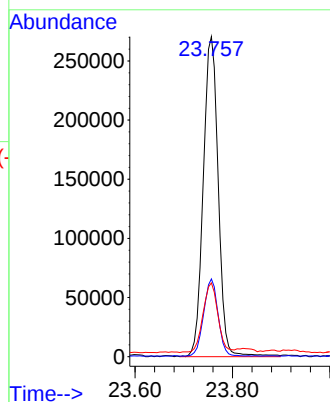
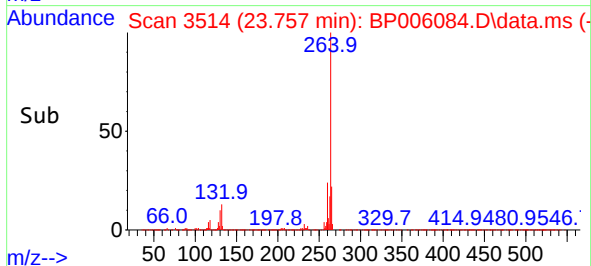
Instrument :
BNA_P
ClientSampleId :
SB-11-COMP



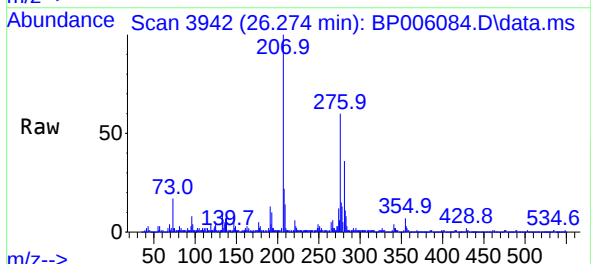
Tgt Ion:264 Resp: 577092
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 23.1 17.6 26.4

Manual Integrations
APPROVED

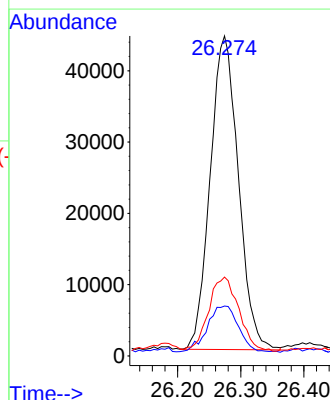
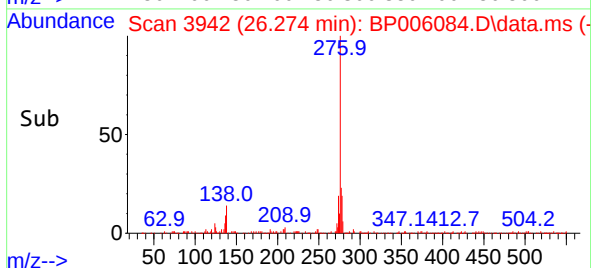
mohammad
6/29/2021 2:30:02 PM

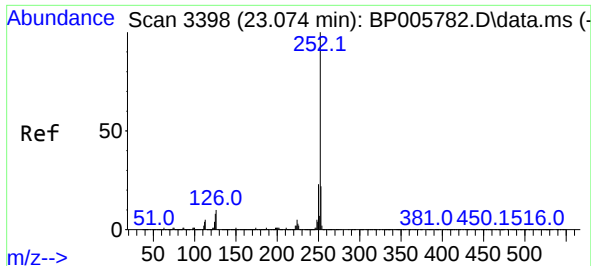


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.765 ng
RT: 26.274 min Scan# 3942
Delta R.T. -0.018 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

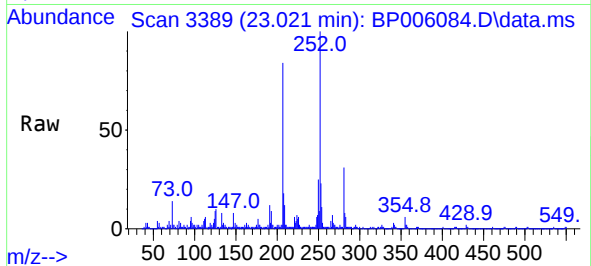


Tgt Ion:276 Resp: 136472
Ion Ratio Lower Upper
276 100
138 16.8 15.3 22.9
277 25.3 20.4 30.6

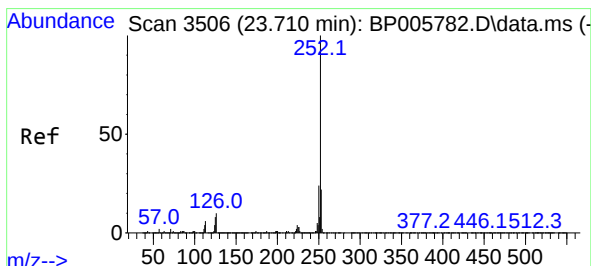
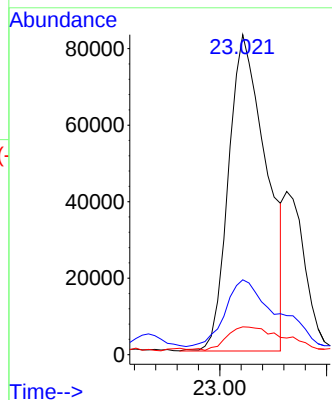
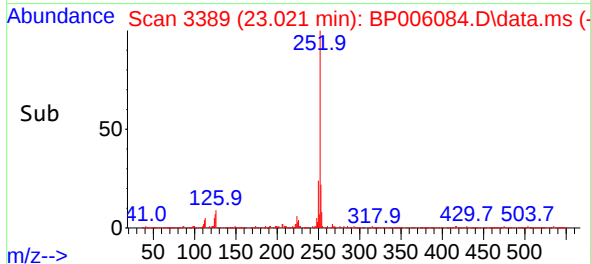




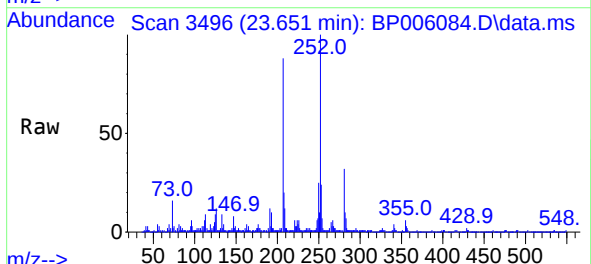
#88
Benzo(b)fluoranthene
Concen: 5.169 ng m
RT: 23.021 min Scan# 3389
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58



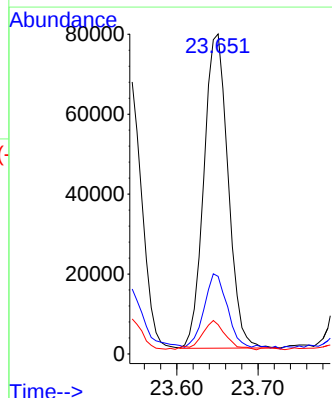
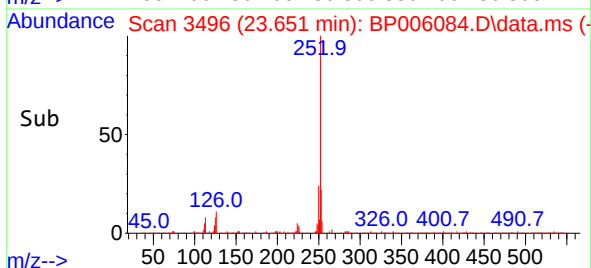
Tgt Ion:252 Resp: 204295
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 8.7 6.2 9.4



#90
Benzo(a)pyrene
Concen: 4.373 ng
RT: 23.651 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58



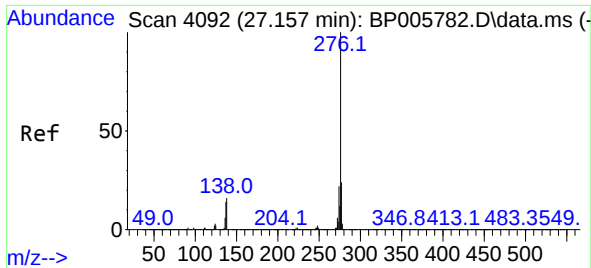
Tgt Ion:252 Resp: 162494
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 9.1 6.5 9.7



Instrument :
BNA_P
ClientSampleId :
SB-11-COMP

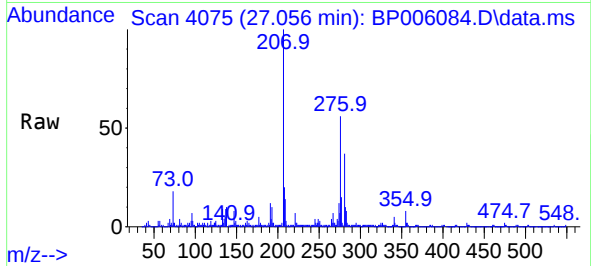
Manual Integrations
APPROVED

mohammad
6/29/2021 2:30:02 PM



#92
Benzo(g,h,i)perylene
Concen: 3.525 ng
RT: 27.056 min Scan# 4075
Delta R.T. -0.006 min
Lab File: BP006084.D
Acq: 28 Jun 2021 18:58

Instrument :
BNA_P
ClientSampleId :
SB-11-COMP



Tgt Ion:276 Resp: 147892
Ion Ratio Lower Upper
276 100
277 26.0 18.9 28.3
138 17.5 12.6 18.8

Manual Integrations
APPROVED

mohammad
6/29/2021 2:30:02 PM

