

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007830.D
 Acq On : 03 Nov 2021 19:19
 Operator : CG/JU
 Sample : M4409-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-207-ETGI-340

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/04/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 04 07:31:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	199009	20.00	ng	0.00
21) Naphthalene-d8	10.722	136	809309	20.00	ng	0.00
39) Acenaphthene-d10	14.557	164	526243	20.00	ng	0.00
64) Phenanthrene-d10	17.316	188	1175990	20.00	ng	0.00
76) Chrysene-d12	21.404	240	1430859	20.00	ng	-0.01
86) Perylene-d12	23.839	264	1278715	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1925360	164.08	ng	0.00
7) Phenol-d6	7.093	99	2409915	141.89	ng	0.00
23) Nitrobenzene-d5	9.081	82	1534643	101.86	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1200870	159.90	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	3460029	95.75	ng	0.00
79) Terphenyl-d14	19.880	244	6103962	86.87	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.357	178	269433	4.36	ng	# 95
75) Fluoranthene	19.321	202	631311	8.10	ng	98
78) Pyrene	19.674	202	706508	8.05	ng	98
81) Benzo(a)anthracene	21.392	228	389633	4.13	ng	98
83) Chrysene	21.439	228	382914m	4.29	ng	
84) Bis(2-ethylhexyl)phtha...	21.321	149	106877	2.02	ng	# 99
88) Benzo(b)fluoranthene	23.098	252	392331	5.20	ng	96
89) Benzo(k)fluoranthene	23.139	252	157441m	2.10	ng	
90) Benzo(a)pyrene	23.727	252	293775	4.50	ng	98
92) Benzo(g,h,i)perylene	27.150	276	183202	2.34	ng	99

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

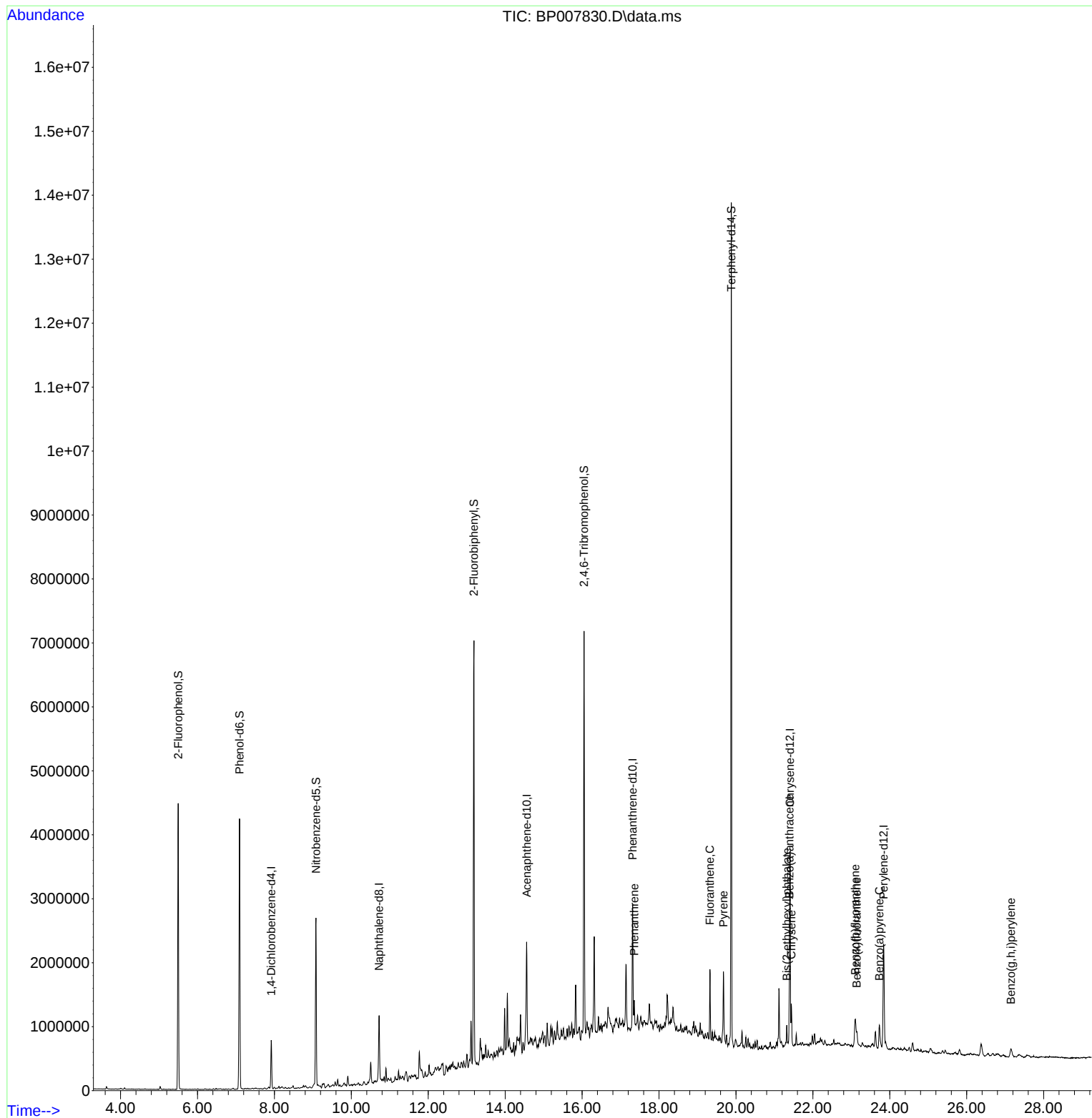
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007830.D
Acq On : 03 Nov 2021 19:19
Operator : CG/JU
Sample : M4409-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

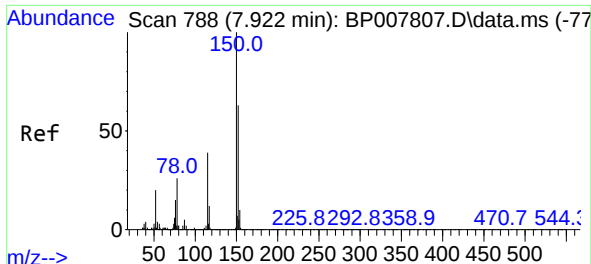
Instrument :
BNA_P
ClientSampleId :
VNJ-207-ETGI-340

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

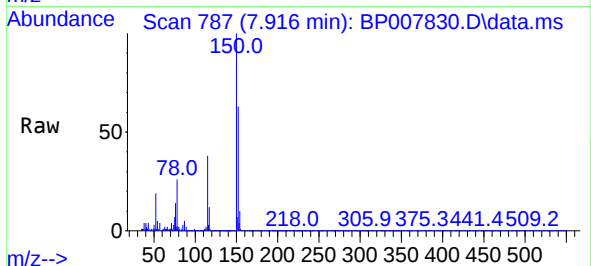
Quant Time: Nov 04 07:31:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 19:18:55 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.916 min Scan# 788
Delta R.T. -0.006 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

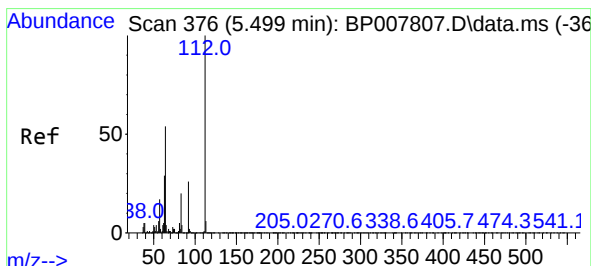
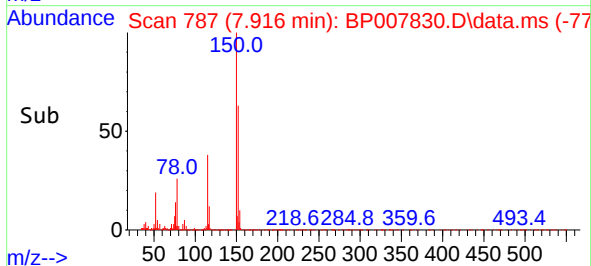
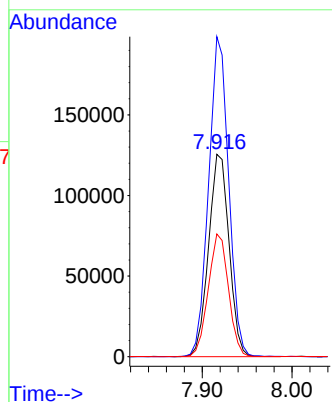
Instrument :
BNA_P
ClientSampleId :
VNJ-207-ETGI-340



Tgt Ion:152 Resp: 199009
Ion Ratio Lower Upper
152 100
150 158.1 124.1 186.1
115 60.7 48.1 72.1

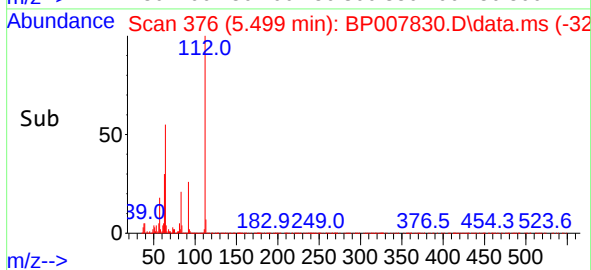
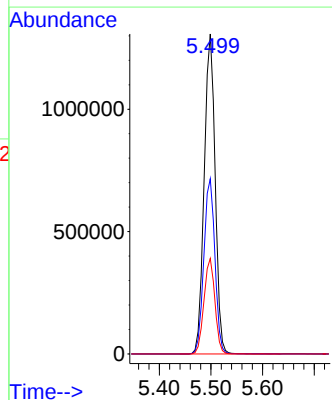
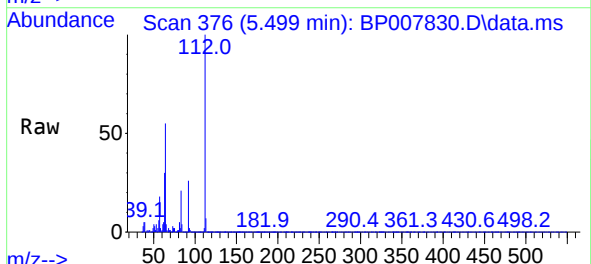
Manual Integrations
APPROVED

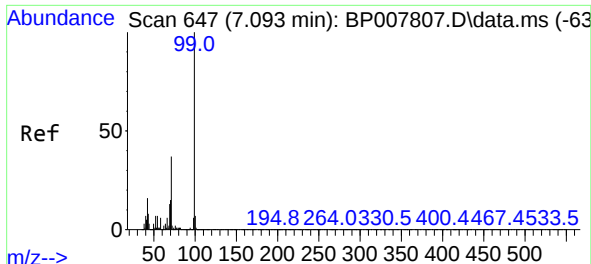
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#5
2-Fluorophenol
Concen: 164.08 ng
RT: 5.499 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

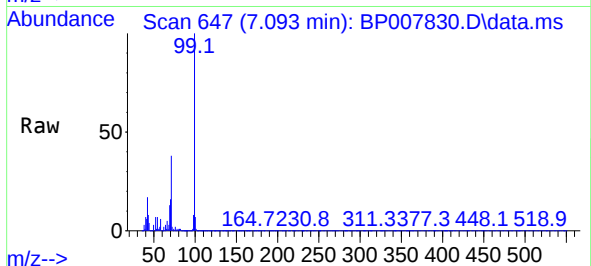
Tgt Ion:112 Resp: 1925360
Ion Ratio Lower Upper
112 100
64 54.7 46.6 70.0
63 29.8 25.0 37.6





#7
Phenol-d6
Concen: 141.89 ng
RT: 7.093 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

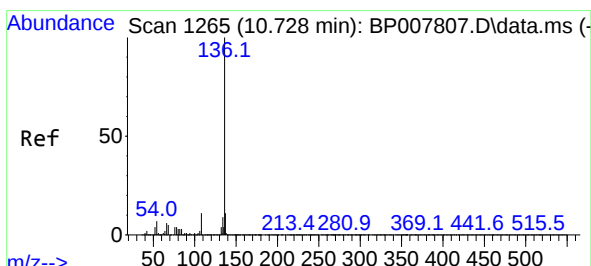
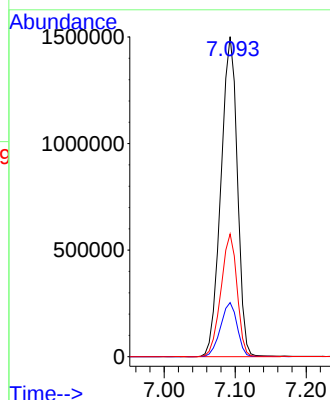
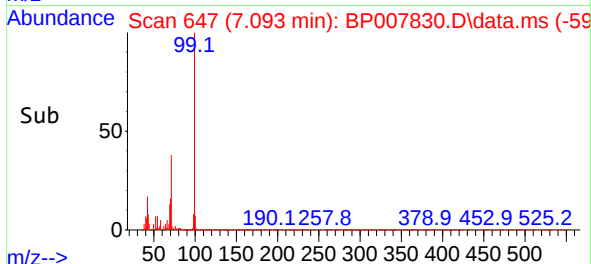
Instrument :
BNA_P
ClientSampleId :
VNJ-207-ETGI-340



Tgt Ion: 99 Resp: 240991
Ion Ratio Lower Upper
99 100
42 16.9 14.9 22.3
71 38.3 29.2 43.8

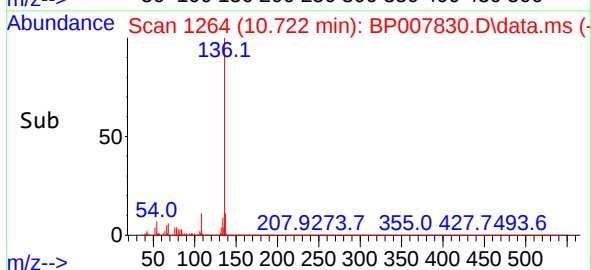
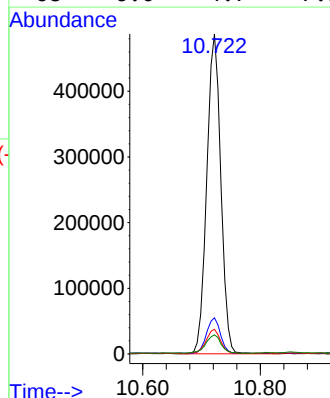
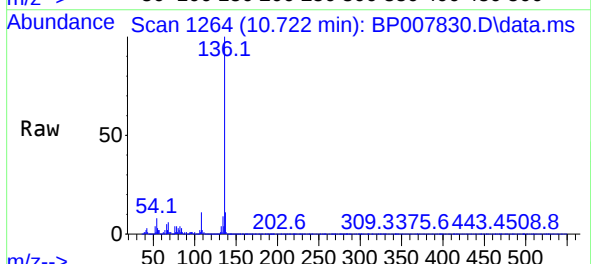
Manual Integrations
APPROVED

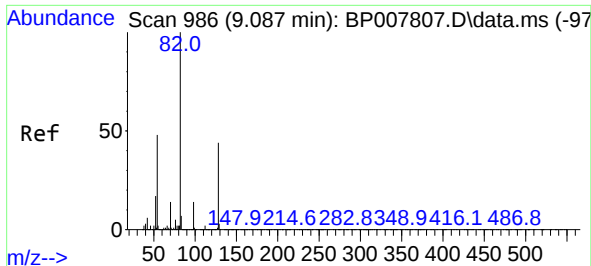
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

Tgt Ion:136 Resp: 809309
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.7 6.2 9.4
68 6.0 4.7 7.1





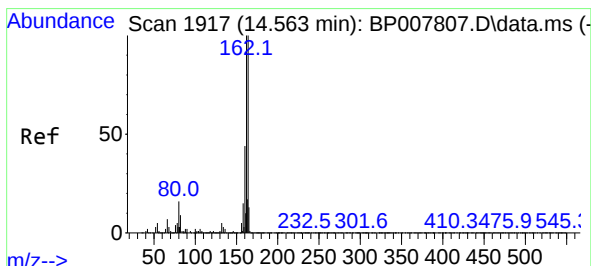
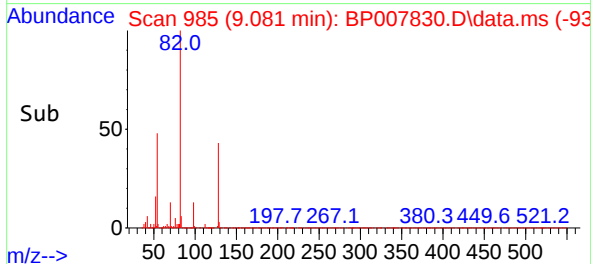
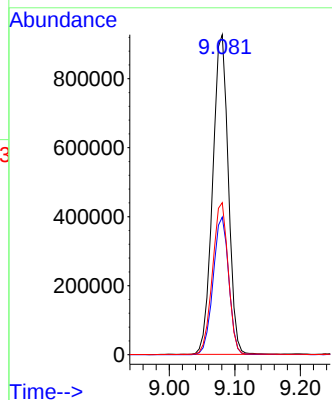
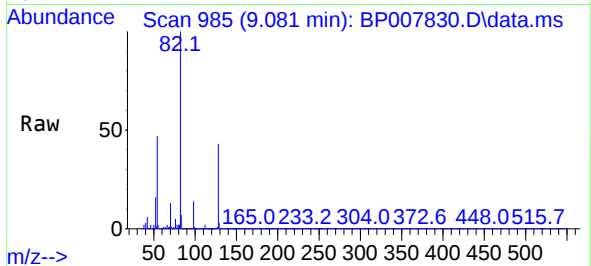
#23
Nitrobenzene-d5
Concen: 101.86 ng
RT: 9.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

Instrument :
BNA_P
ClientSampleId :
VNJ-207-ETGI-340

Tgt Ion: 82 Resp: 153464
Ion Ratio Lower Upper
82 100
128 43.0 32.6 48.8
54 47.5 40.4 60.6

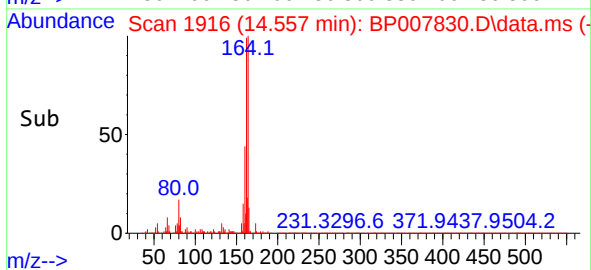
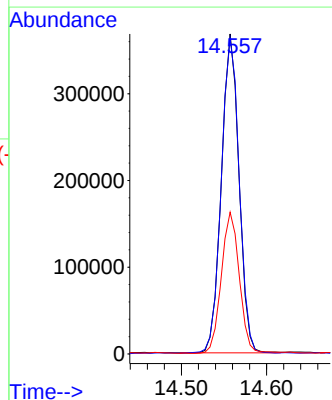
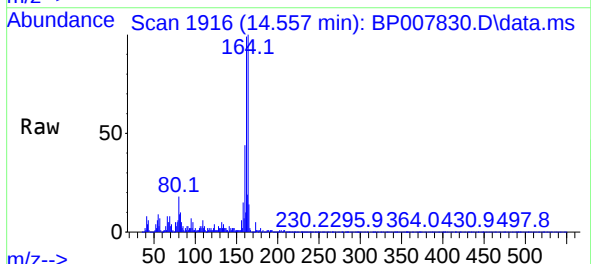
Manual Integrations
APPROVED

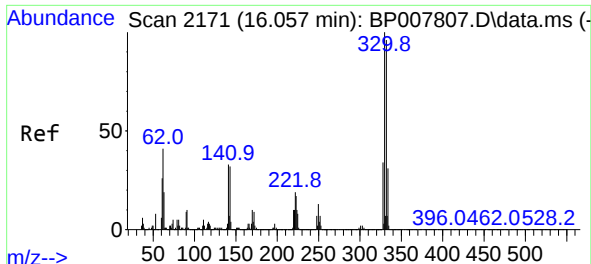
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

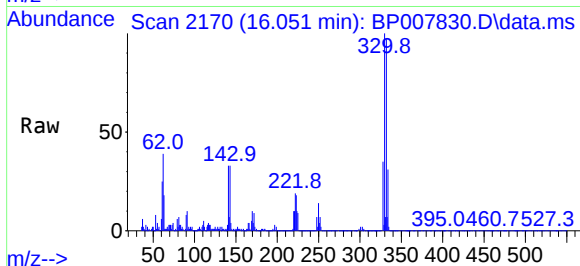
Tgt Ion:164 Resp: 526243
Ion Ratio Lower Upper
164 100
162 98.7 81.1 121.7
160 44.3 36.0 54.0





#42
2,4,6-Tribromophenol
Concen: 159.90 ng
RT: 16.051 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

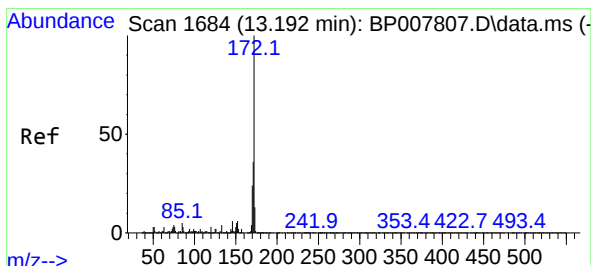
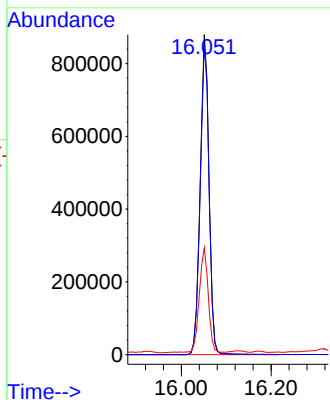
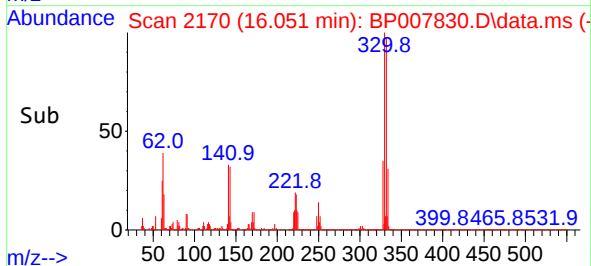
Instrument :
BNA_P
ClientSampleId :
VNJ-207-ETGI-340



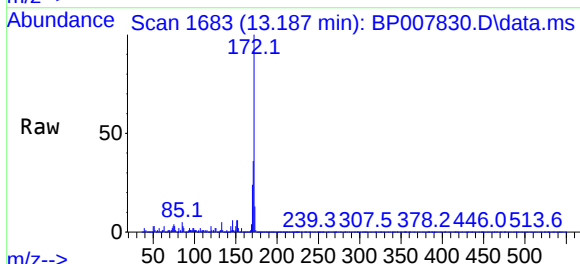
Tgt Ion:330 Resp: 1200870
Ion Ratio Lower Upper
330 100
332 97.0 78.9 118.3
141 32.9 30.7 46.1

Manual Integrations
APPROVED

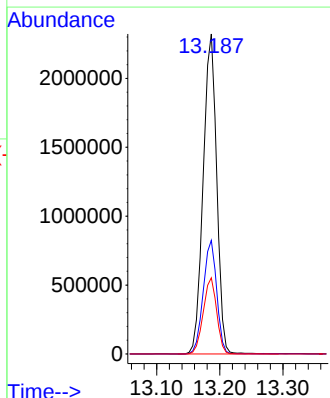
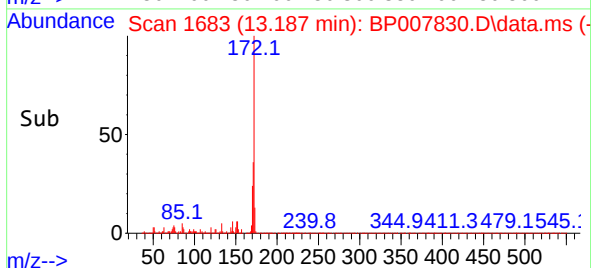
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

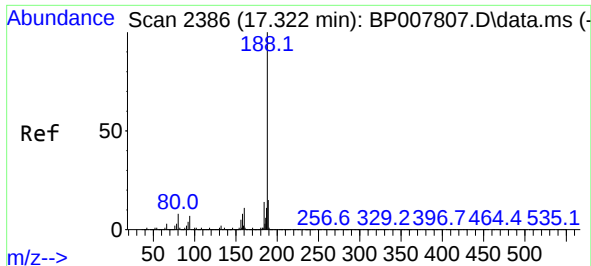


#45
2-Fluorobiphenyl
Concen: 95.75 ng
RT: 13.187 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19



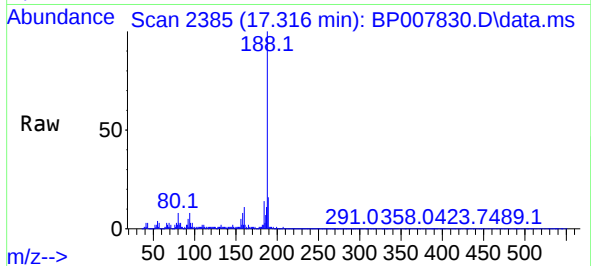
Tgt Ion:172 Resp: 3460029
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.8 19.0 28.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.316 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

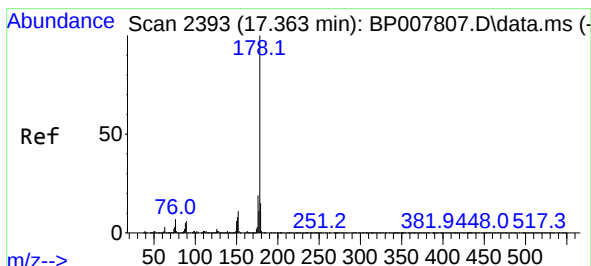
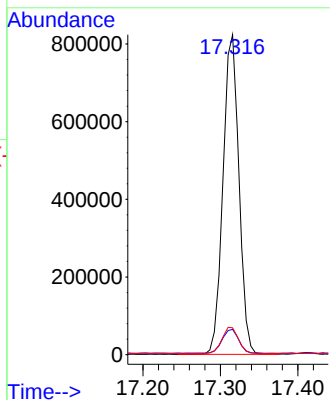
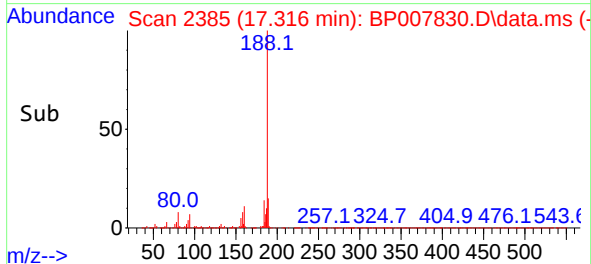
Instrument :
BNA_P
ClientSampleId :
VNJ-207-ETGI-340



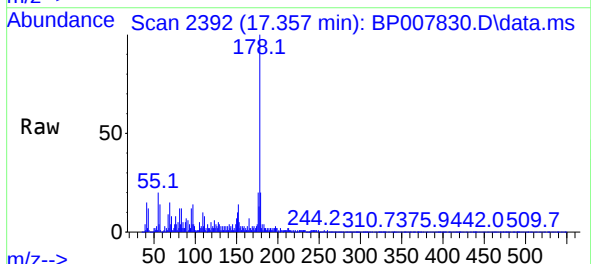
Tgt Ion:188 Resp: 1175990
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.4 7.8 11.6

Manual Integrations
APPROVED

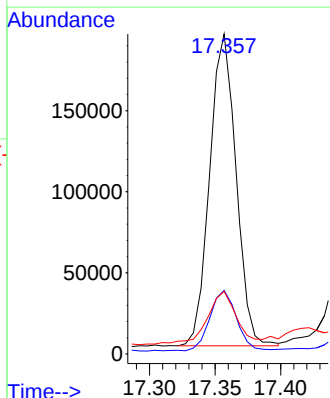
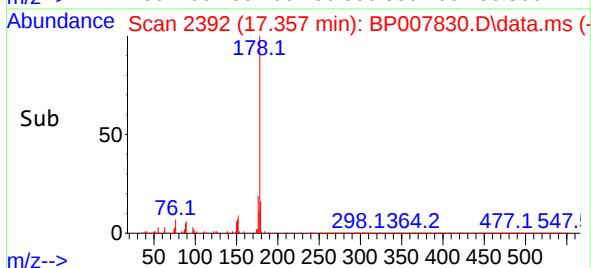
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

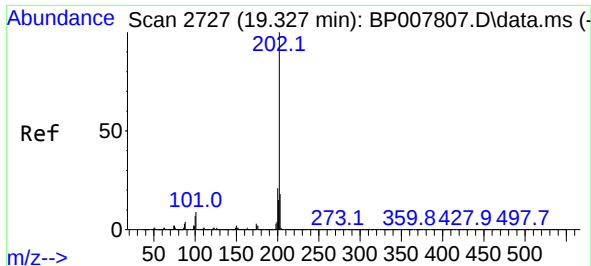


#71
Phenanthrene
Concen: 4.36 ng
RT: 17.357 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19



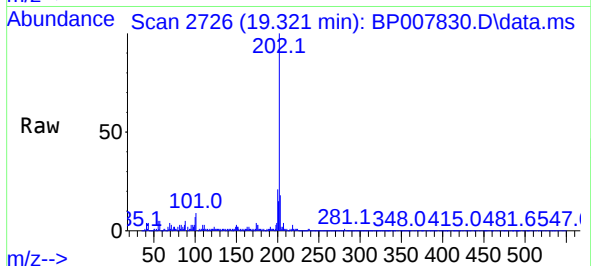
Tgt Ion:178 Resp: 269433
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 19.6 12.3 18.5





#75
Fluoranthene
Concen: 8.10 ng
RT: 19.321 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

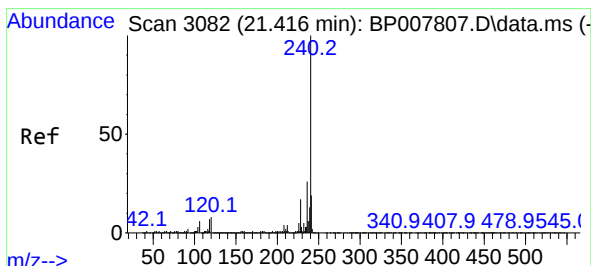
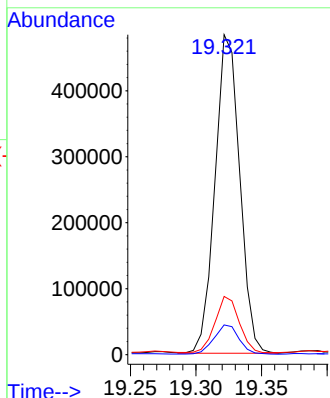
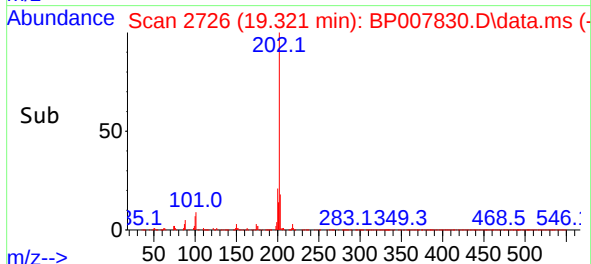
Instrument :
BNA_P
ClientSampleId :
VNJ-207-ETGI-340



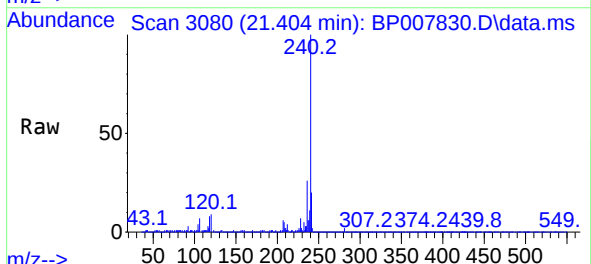
Tgt Ion: 202 Resp: 63131
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.4
203 18.2 0.0 37.6

Manual Integrations
APPROVED

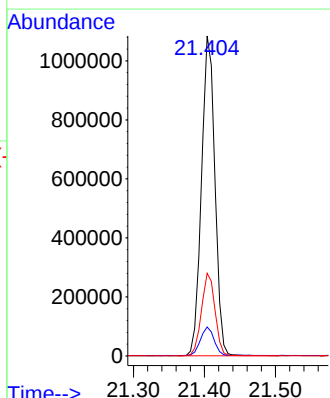
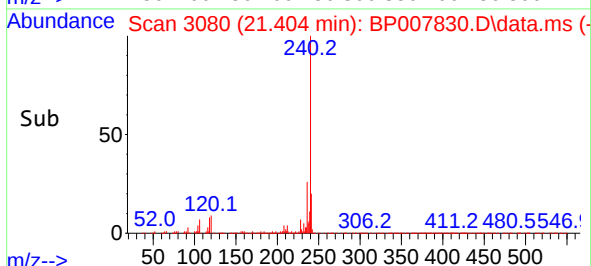
Reviewed By : Christian Giraldo 11/04/2021
Supervised By : mohammad ahmed 11/08/2021

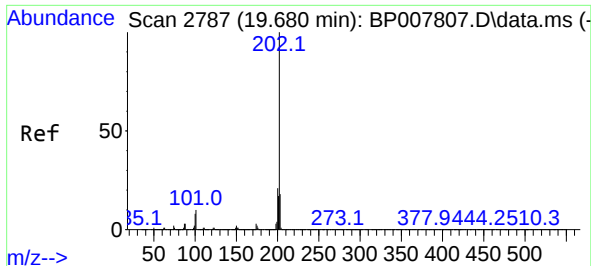


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.404 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19



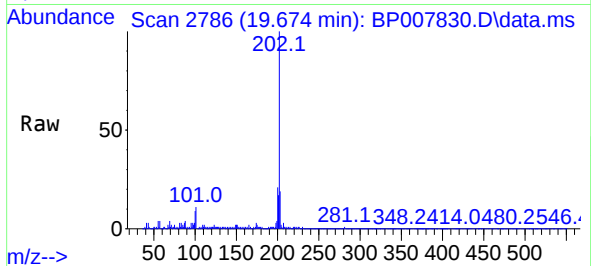
Tgt Ion: 240 Resp: 1430859
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.8
236 25.9 20.6 30.8





#78
Pyrene
Concen: 8.05 ng
RT: 19.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

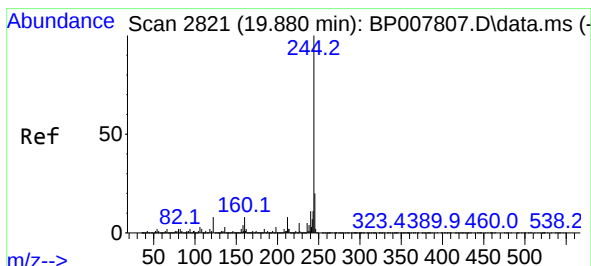
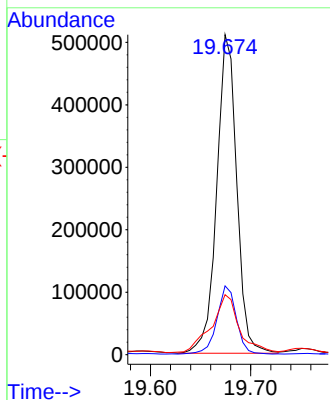
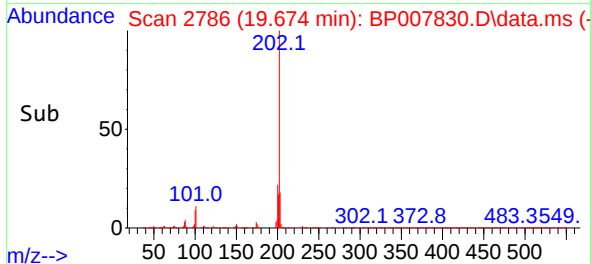
Instrument :
BNA_P
ClientSampleId :
VNJ-207-ETGI-340



Tgt Ion:202 Resp: 706508
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 18.7 13.8 20.6

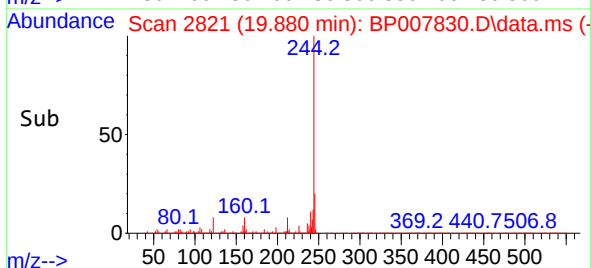
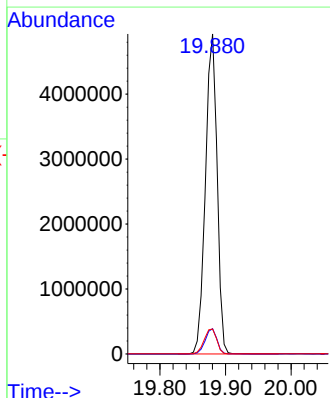
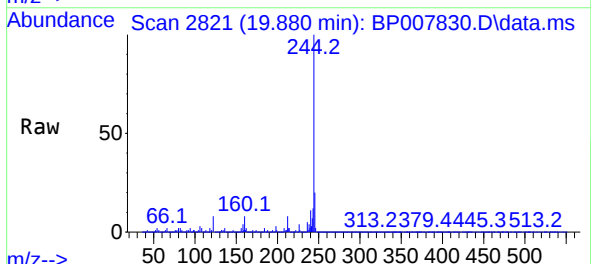
Manual Integrations
APPROVED

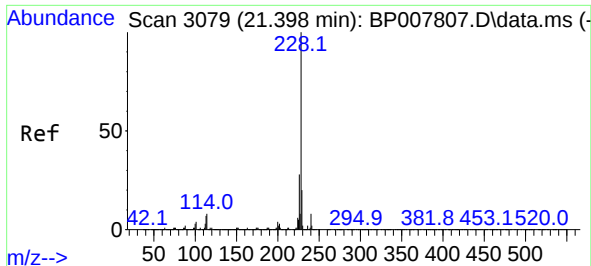
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#79
Terphenyl-d14
Concen: 86.87 ng
RT: 19.880 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

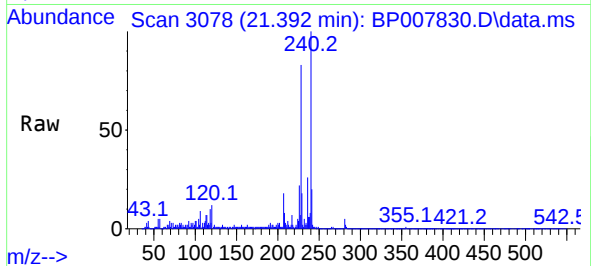
Tgt Ion:244 Resp: 6103962
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 7.8 7.8 11.8#





#81
Benzo(a)anthracene
Concen: 4.13 ng
RT: 21.392 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

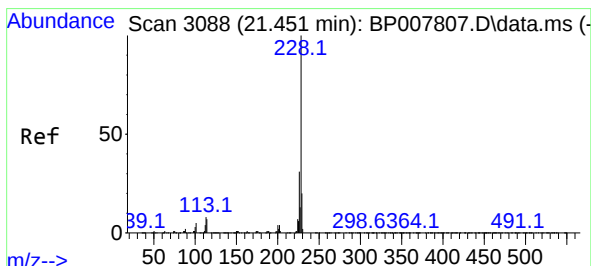
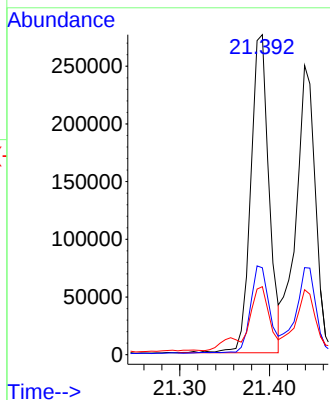
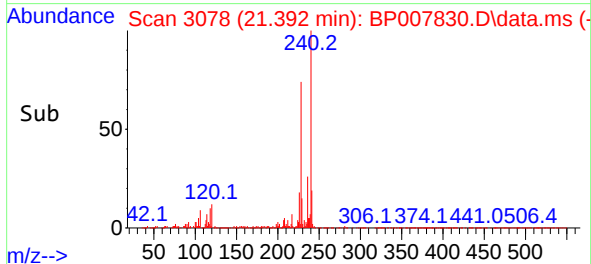
Instrument :
BNA_P
ClientSampleId :
VNJ-207-ETGI-340



Tgt Ion:228 Resp: 38963
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 21.2 15.7 23.5

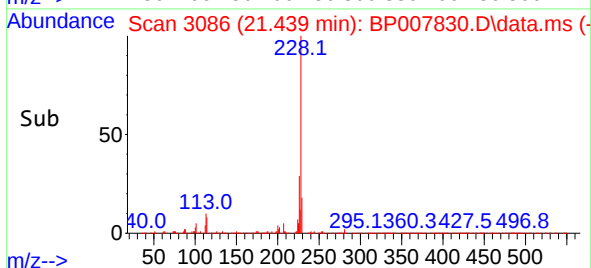
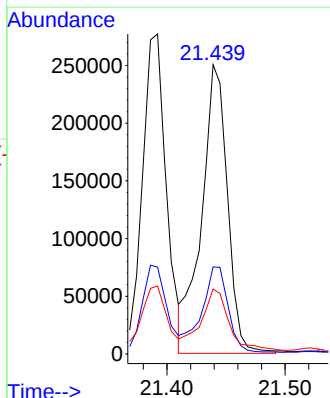
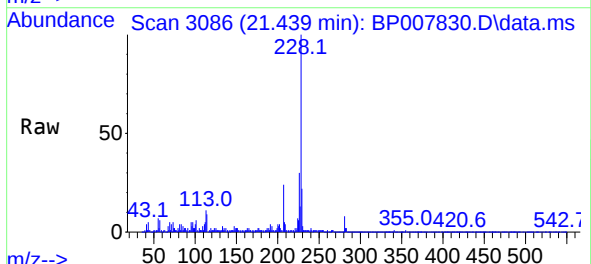
Manual Integrations
APPROVED

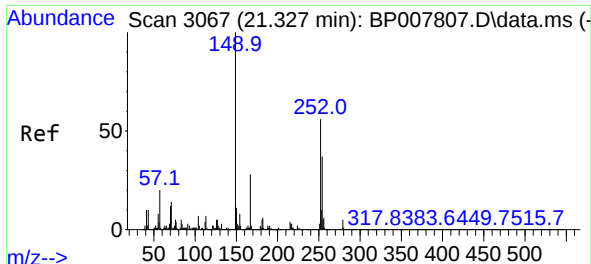
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#83
Chrysene
Concen: 4.29 ng m
RT: 21.439 min Scan# 3086
Delta R.T. -0.012 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

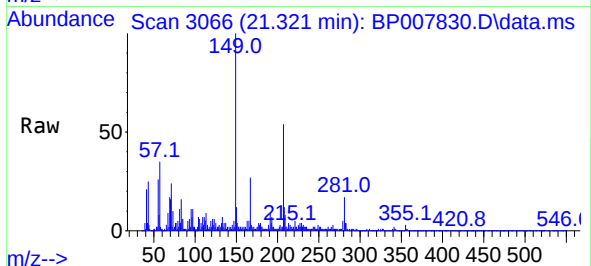
Tgt Ion:228 Resp: 382914
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 22.5 15.7 23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.02 ng
RT: 21.321 min Scan# 3066
Delta R.T. -0.006 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

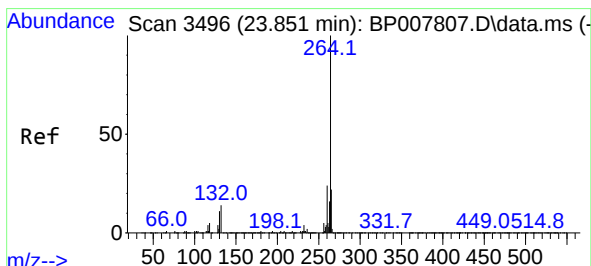
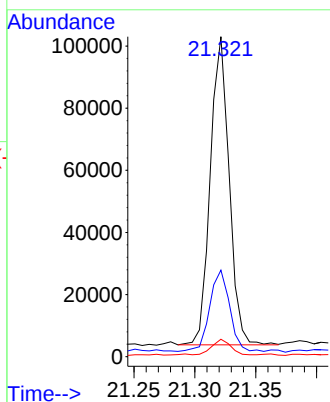
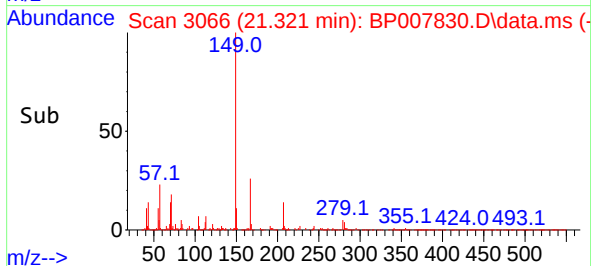
Instrument :
BNA_P
ClientSampleId :
VNJ-207-ETGI-340



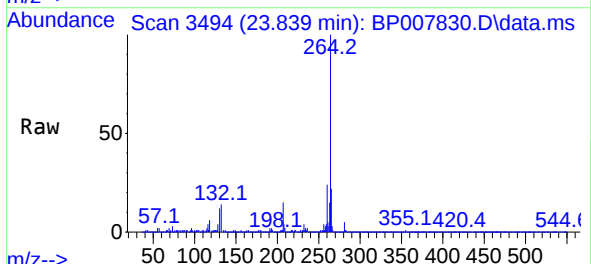
Tgt Ion:149 Resp: 106877
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 5.5 3.3 4.9

Manual Integrations
APPROVED

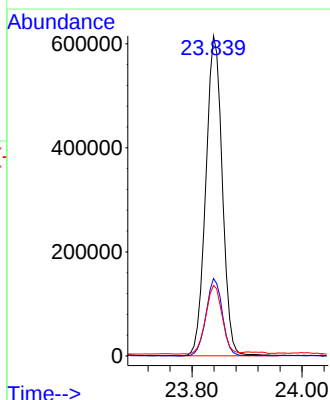
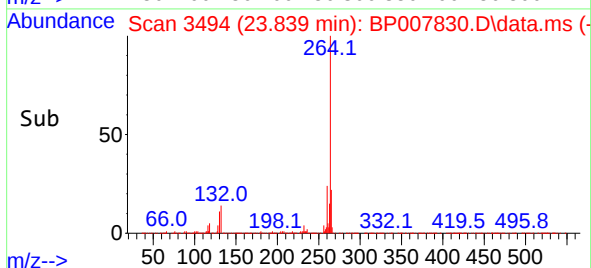
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

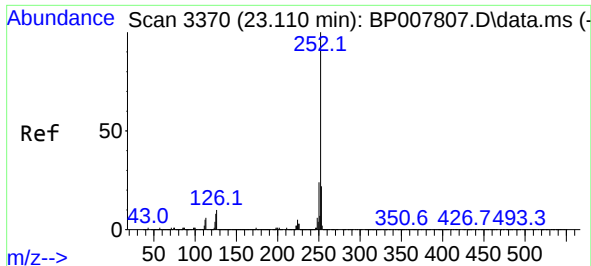


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.839 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19



Tgt Ion:264 Resp: 1278715
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 22.1 16.7 25.1





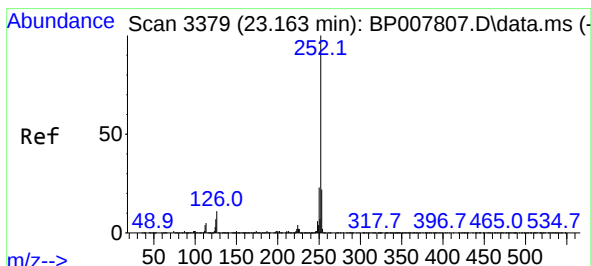
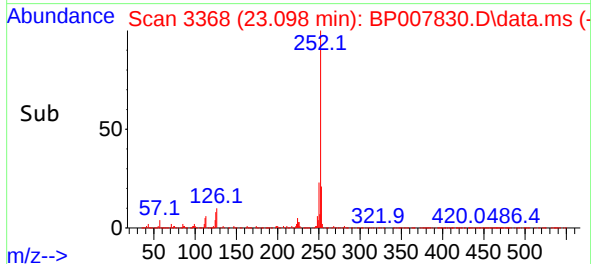
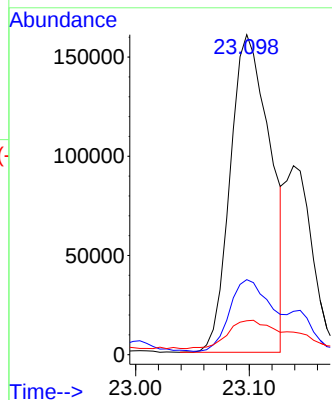
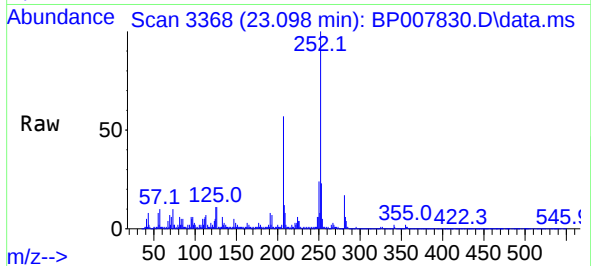
#88
Benzo(b)fluoranthene
Concen: 5.20 ng
RT: 23.098 min Scan# 3368
Delta R.T. -0.012 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

Instrument :
BNA_P
ClientSampleId :
VNJ-207-ETGI-340

Tgt Ion:252 Resp: 39233
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 10.6 7.4 11.0

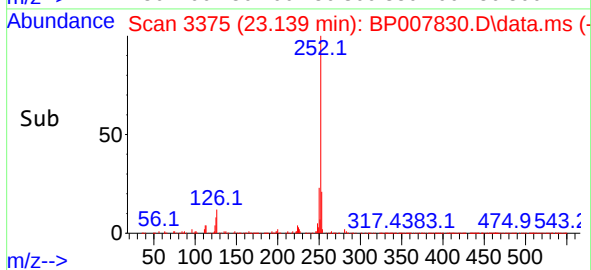
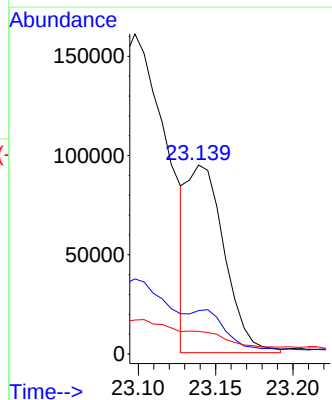
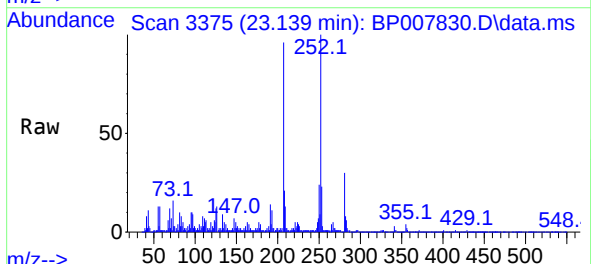
Manual Integrations
APPROVED

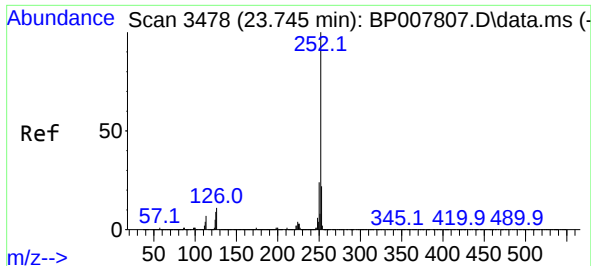
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#89
Benzo(k)fluoranthene
Concen: 2.10 ng m
RT: 23.139 min Scan# 3375
Delta R.T. -0.024 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

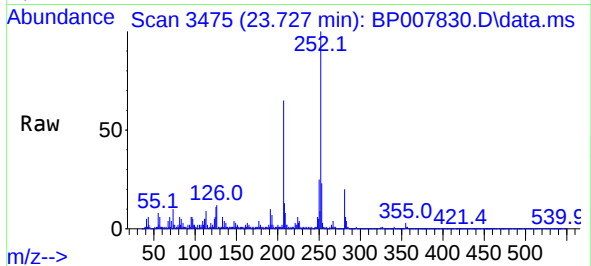
Tgt Ion:252 Resp: 157441
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 12.0 7.4 11.0#





#90
Benzo(a)pyrene
Concen: 4.50 ng
RT: 23.727 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

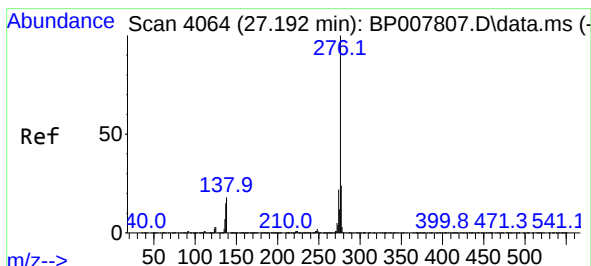
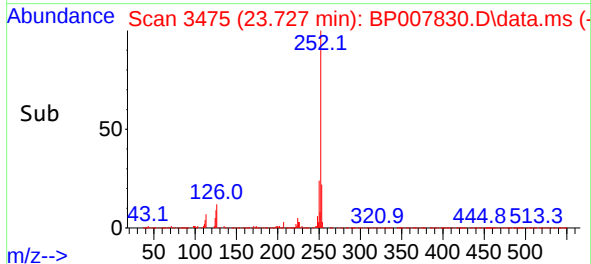
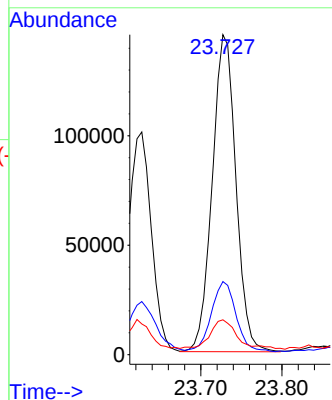
Instrument :
BNA_P
ClientSampleId :
VNJ-207-ETGI-340



Tgt Ion:252 Resp: 293775
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#92
Benzo(g,h,i)perylene
Concen: 2.34 ng
RT: 27.150 min Scan# 4057
Delta R.T. -0.041 min
Lab File: BP007830.D
Acq: 03 Nov 2021 19:19

Tgt Ion:276 Resp: 183202
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.0
138 20.8 16.2 24.4

