

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
 Data File : BP008897.D
 Acq On : 24 Jan 2022 20:54
 Operator : CG/JU
 Sample : N1208-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP25-07-20220119-26.0-26.5

Quant Time: Jan 25 04:13:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/25/2022
 Supervised By : Jagrut Upadhyay 01/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	466035	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1799640	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1131944	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1977951	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1679711	20.000	ng	0.00
86) Perylene-d12	23.774	264	1819102	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	499272	16.567	ng	0.00
7) Phenol-d6	7.028	99	609161	16.692	ng	0.00
23) Nitrobenzene-d5	9.010	82	382096	12.054	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	254258	15.431	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1012994	11.802	ng	0.00
79) Terphenyl-d14	19.810	244	1034594	10.397	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.557	154	130502	2.051	ng	100
71) Phenanthrene	17.292	178	1678742	15.074	ng	100
72) Anthracene	17.386	178	557515	4.990	ng	100
75) Fluoranthene	19.263	202	2424672	19.578	ng	97
78) Pyrene	19.616	202	2792789	23.829	ng	99
81) Benzo(a)anthracene	21.327	228	1250848	11.069	ng	99
83) Chrysene	21.380	228	1006577	9.189	ng	97
87) Indeno(1,2,3-cd)pyrene	26.309	276	717272	4.785	ng	# 94
88) Benzo(b)fluoranthene	23.033	252	1437991	11.837	ng	# 94
89) Benzo(k)fluoranthene	23.074	252	409396m	3.481	ng	
90) Benzo(a)pyrene	23.663	252	1150576	9.812	ng	97
92) Benzo(g,h,i)perylene	27.092	276	703377	5.652	ng	98

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

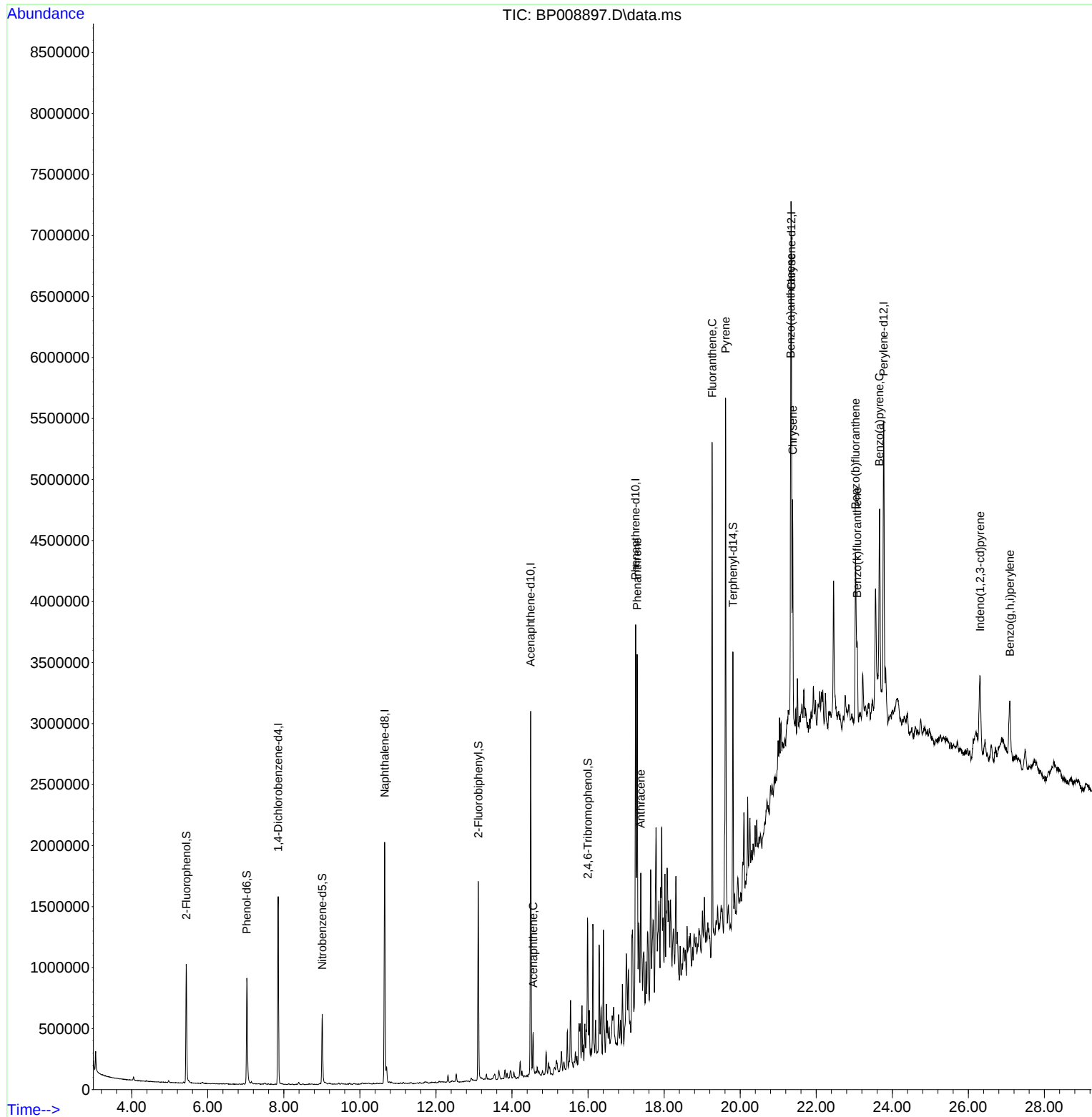
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008897.D
Acq On : 24 Jan 2022 20:54
Operator : CG/JU
Sample : N1208-03 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

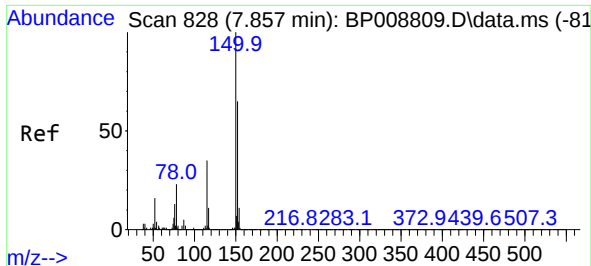
Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-26.0-26.5

Quant Time: Jan 25 04:13:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

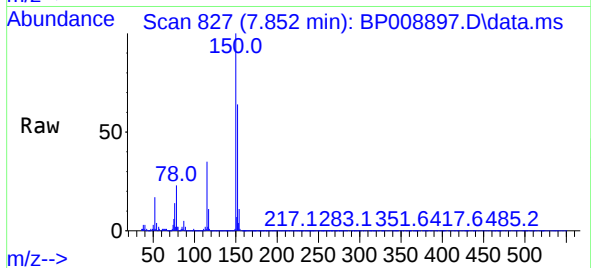
Reviewed By : Christian Giraldo 01/25/2022
Supervised By : Jagrut Upadhyay 01/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

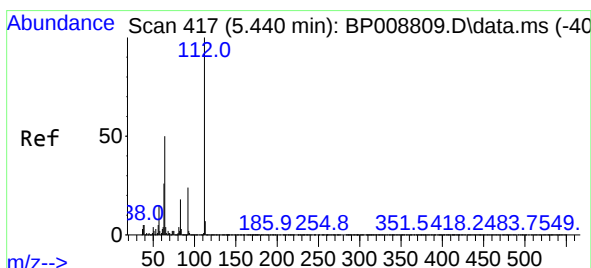
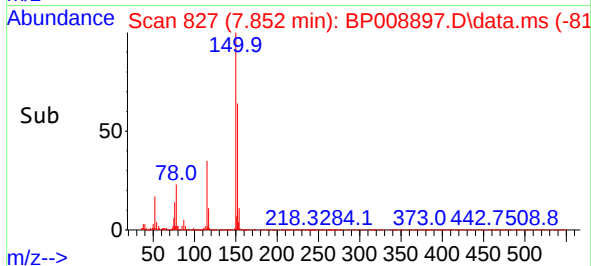
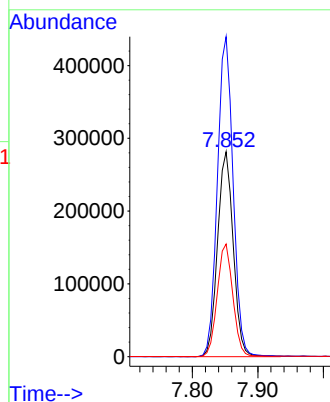
Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-26.0-26.5



Tgt Ion:152 Resp: 466035
Ion Ratio Lower Upper
152 100
150 156.1 127.0 190.6
115 55.0 43.7 65.5

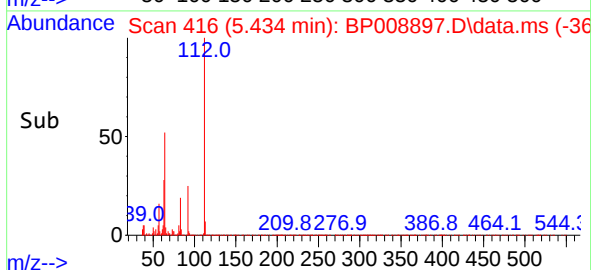
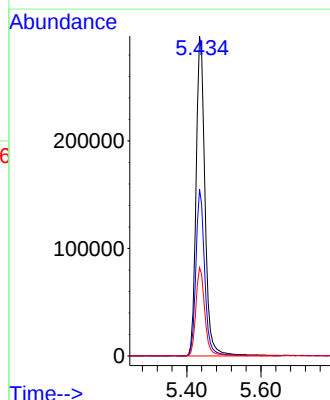
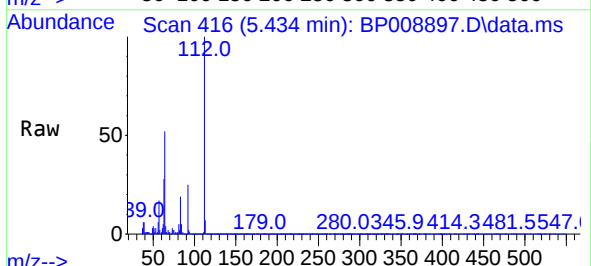
Manual Integrations
APPROVED

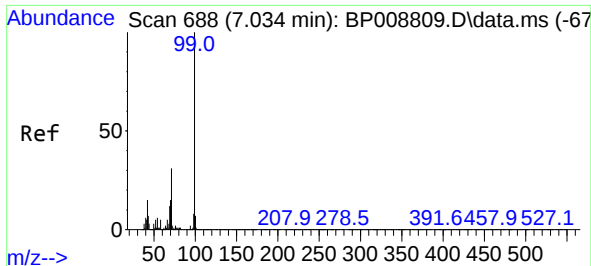
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#5
2-Fluorophenol
Concen: 16.567 ng
RT: 5.434 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

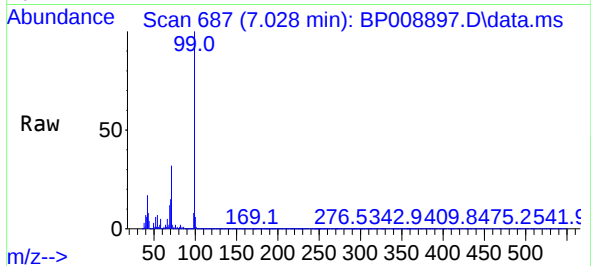
Tgt Ion:112 Resp: 499272
Ion Ratio Lower Upper
112 100
64 52.1 39.7 59.5
63 27.6 20.0 30.0





#7
Phenol-d6
Concen: 16.692 ng
RT: 7.028 min Scan# 60916
Delta R.T. -0.006 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

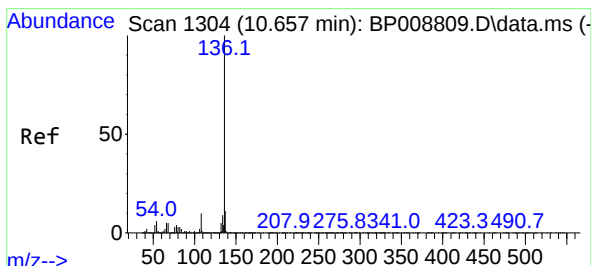
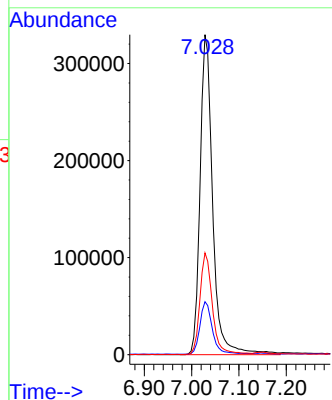
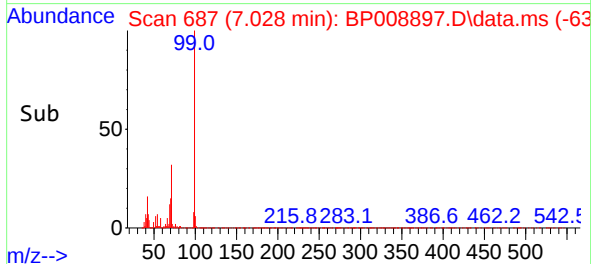
Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-26.0-26.5



Tgt Ion: 99 Resp: 60916
Ion Ratio Lower Upper
99 100
42 16.5 10.8 16.2
71 31.8 23.8 35.6

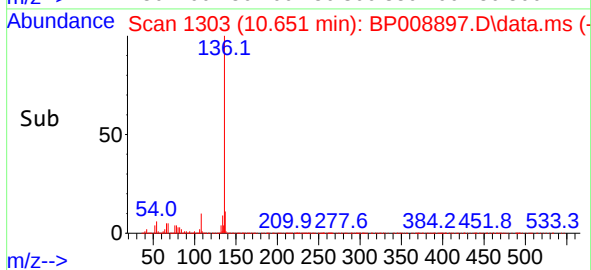
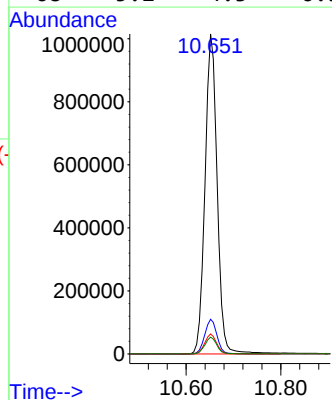
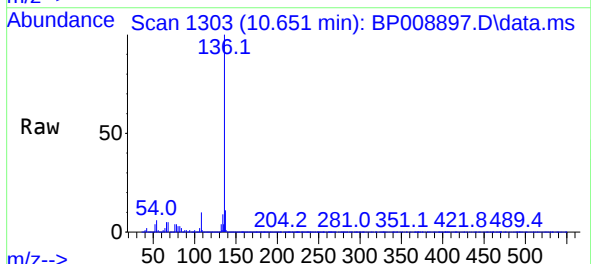
Manual Integrations
APPROVED

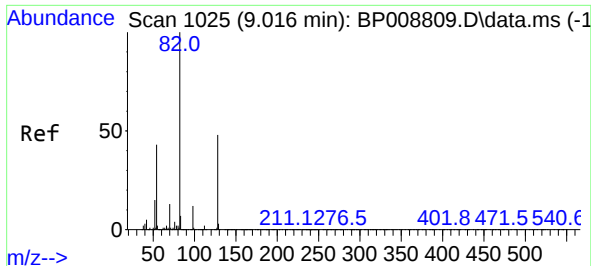
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

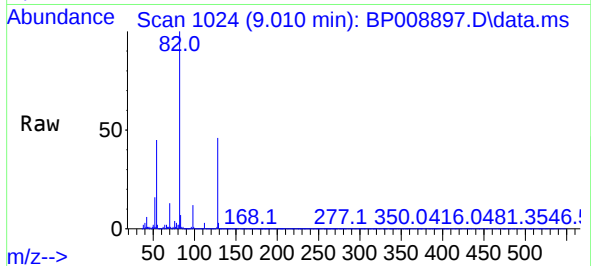
Tgt Ion:136 Resp: 1799640
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.2 4.9 7.3
68 5.2 4.3 6.5





#23
Nitrobenzene-d5
Concen: 12.054 ng
RT: 9.010 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

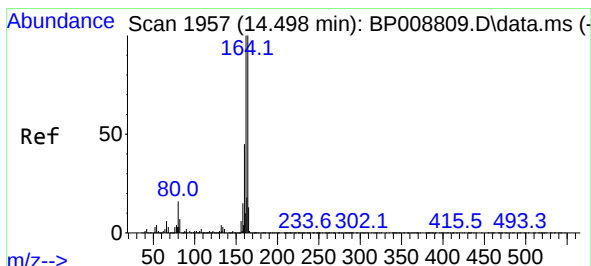
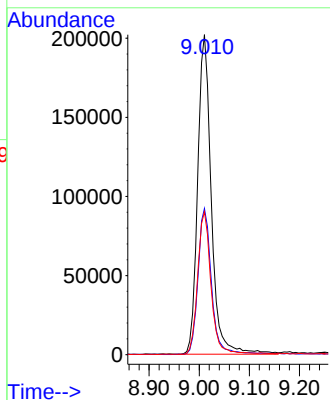
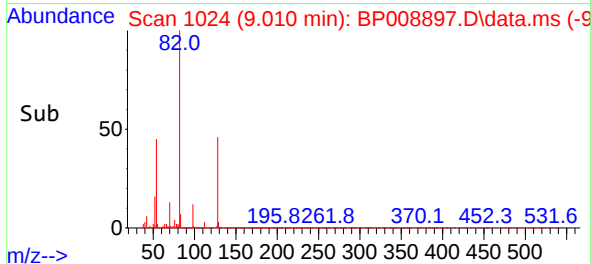
Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-26.0-26.5



Tgt Ion: 82 Resp: 382090
Ion Ratio Lower Upper
82 100
128 45.7 39.4 59.2
54 44.7 32.6 48.8

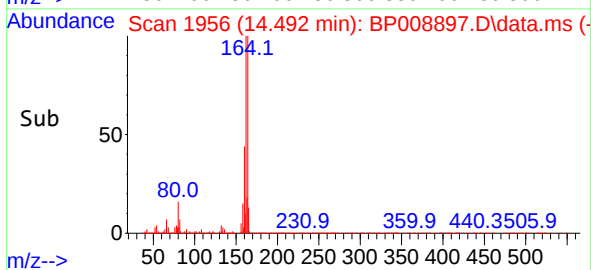
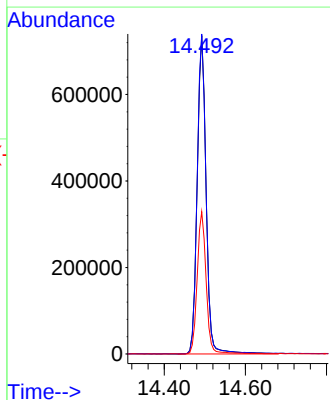
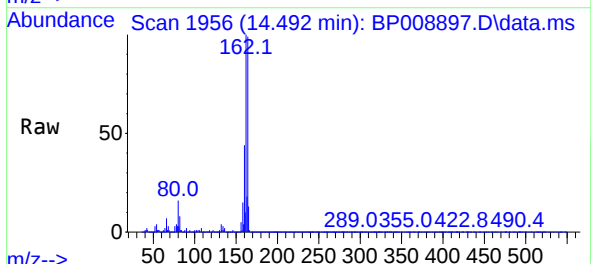
Manual Integrations
APPROVED

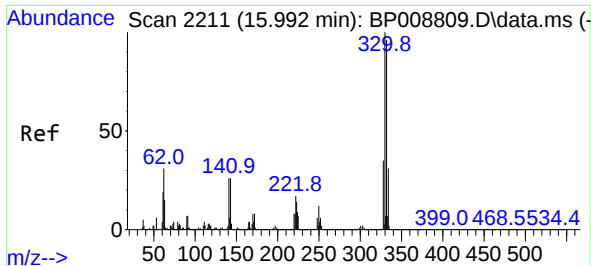
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

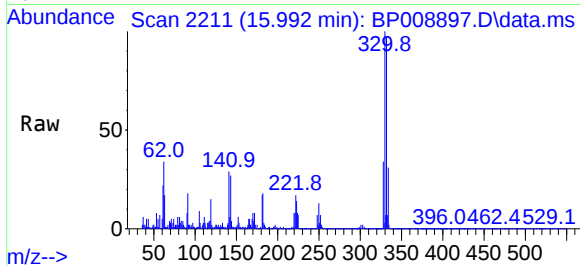
Tgt Ion:164 Resp: 1131944
Ion Ratio Lower Upper
164 100
162 100.5 79.9 119.9
160 44.7 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 15.431 ng
RT: 15.992 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

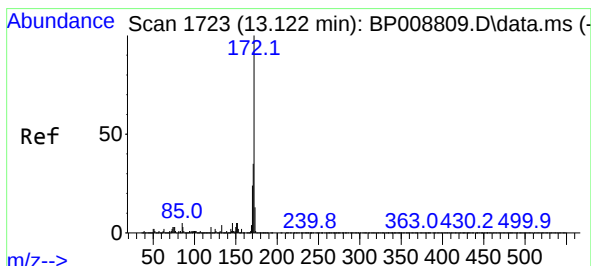
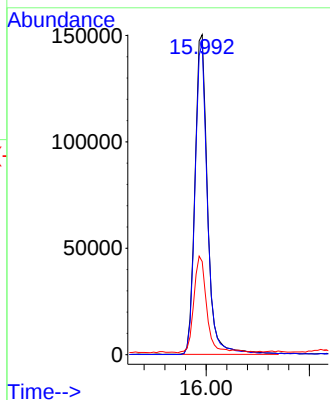
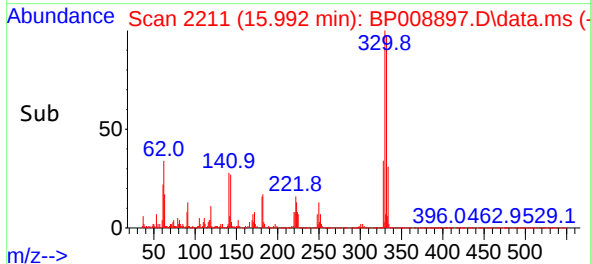
Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-26.0-26.5



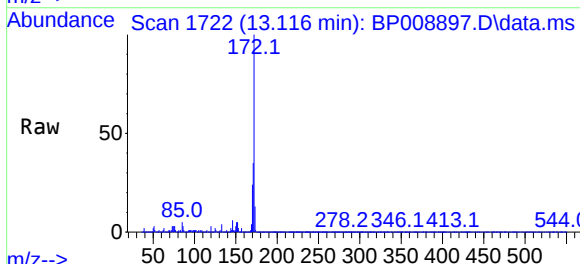
Tgt Ion:330 Resp: 254258
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 30.1 21.3 31.9

Manual Integrations
APPROVED

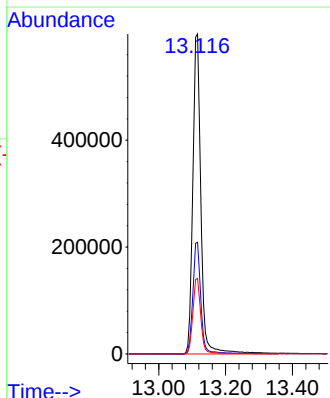
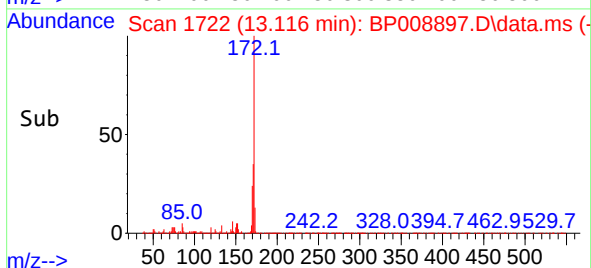
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

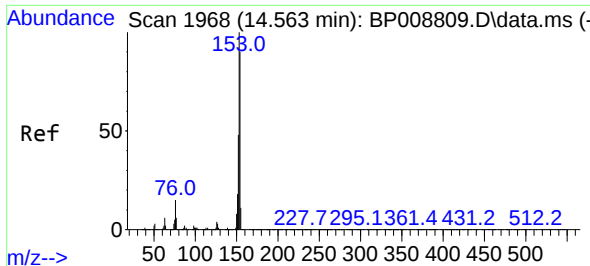


#45
2-Fluorobiphenyl
Concen: 11.802 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54



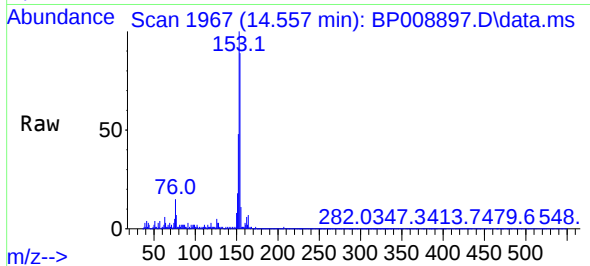
Tgt Ion:172 Resp: 1012994
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 23.6 19.5 29.3





#52
Acenaphthene
Concen: 2.051 ng
RT: 14.557 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

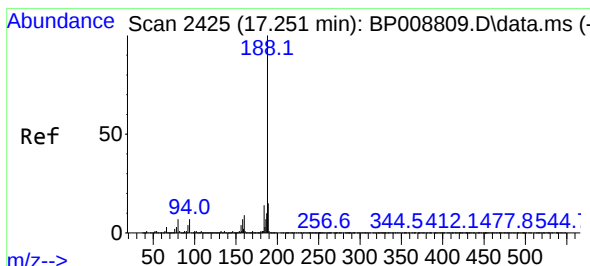
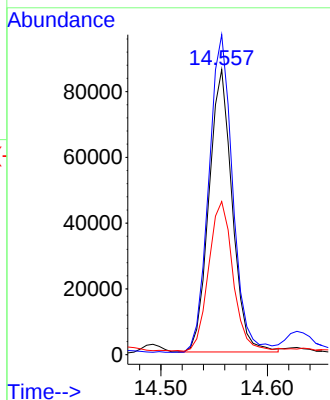
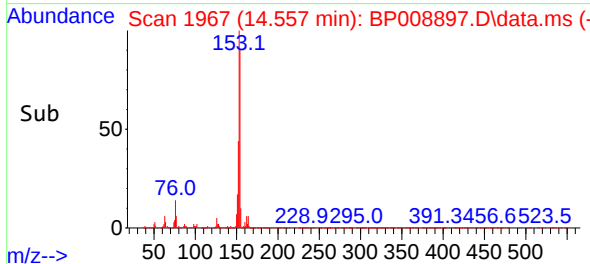
Instrument : BNA_P
ClientSampleId : SP25-07-20220119-26.0-26.5



Tgt Ion:154 Resp: 130502
Ion Ratio Lower Upper
154 100
153 112.2 89.4 134.2
152 53.7 42.6 63.8

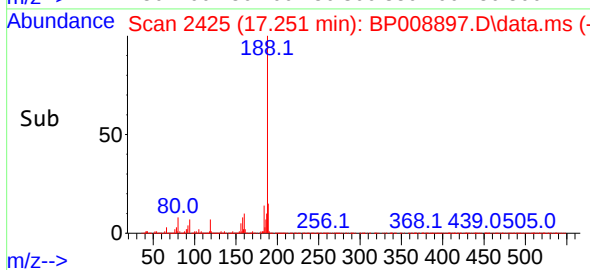
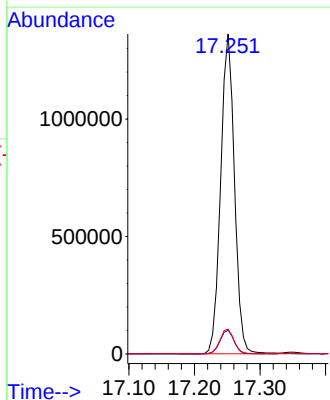
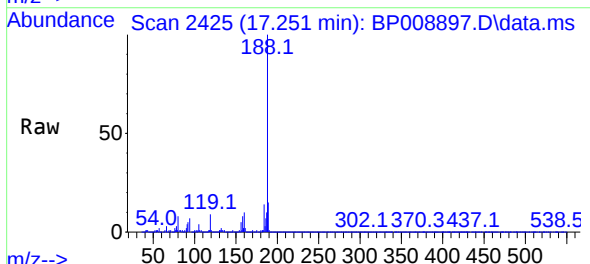
Manual Integrations
APPROVED

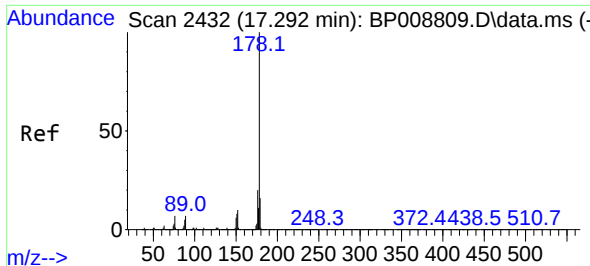
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

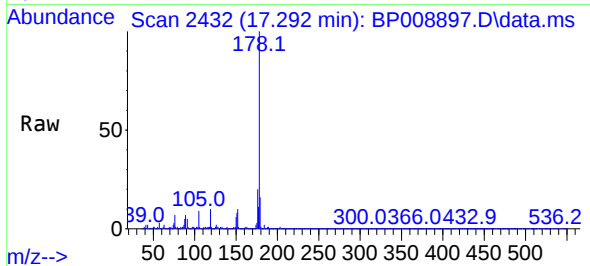
Tgt Ion:188 Resp: 1977951
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.8 7.2 10.8





#71
Phenanthrene
Concen: 15.074 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

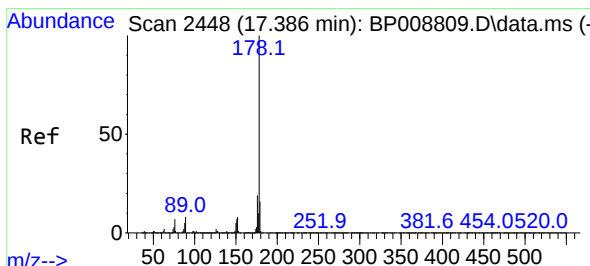
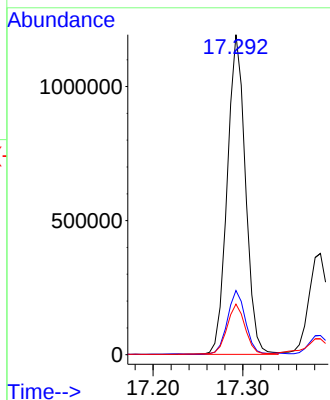
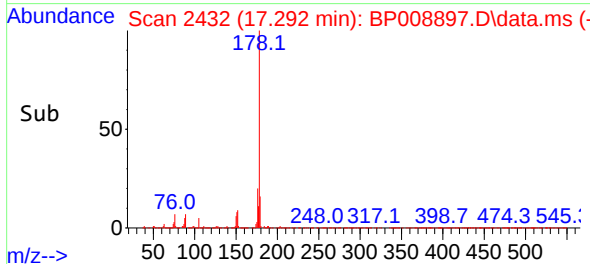
Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-26.0-26.5



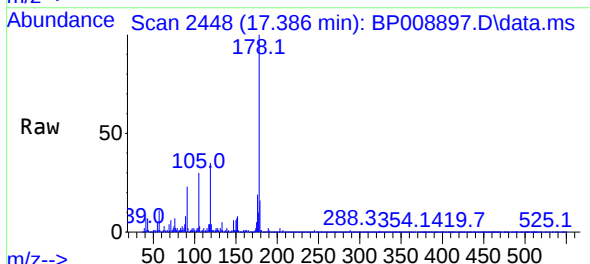
Tgt Ion:178 Resp: 167874
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.8 13.0 19.4

Manual Integrations
APPROVED

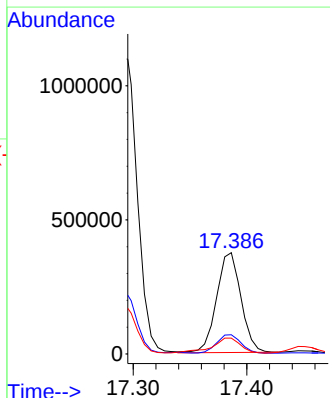
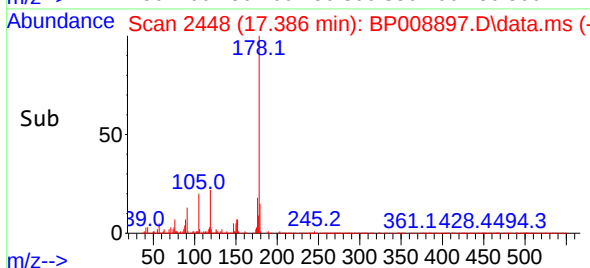
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

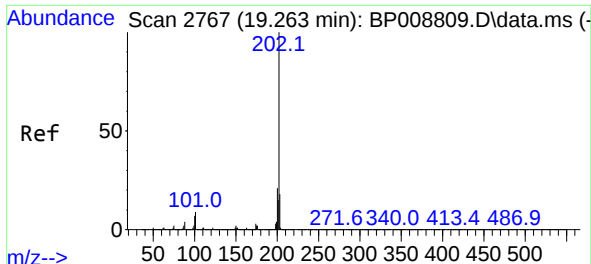


#72
Anthracene
Concen: 4.990 ng
RT: 17.386 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54



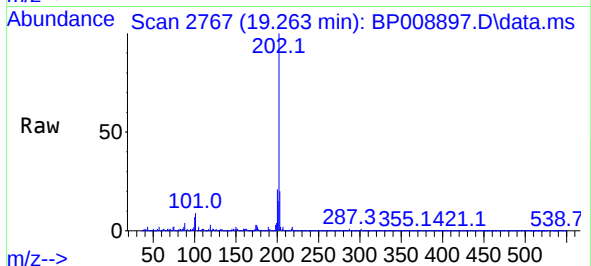
Tgt Ion:178 Resp: 557515
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.7 12.8 19.2





#75
Fluoranthene
Concen: 19.578 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

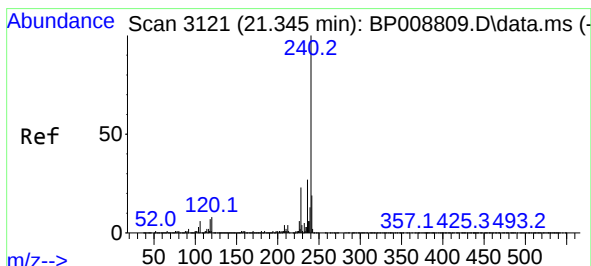
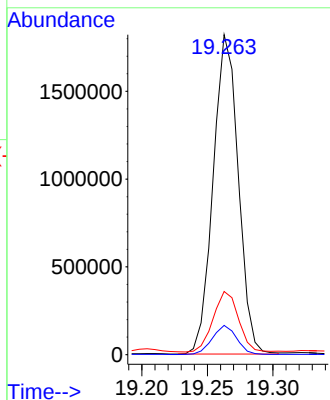
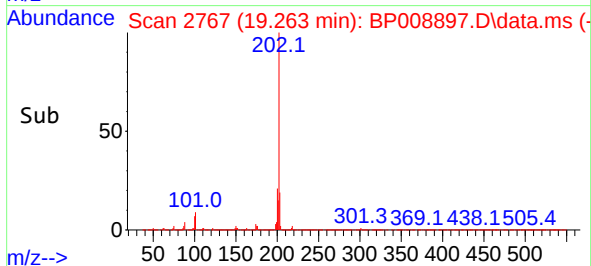
Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-26.0-26.5



Tgt Ion:202 Resp: 2424672
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 19.7 0.0 38.9

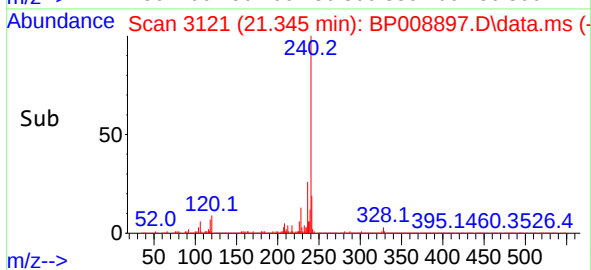
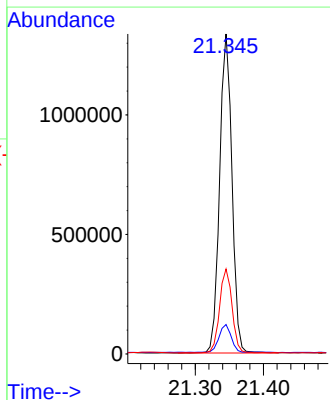
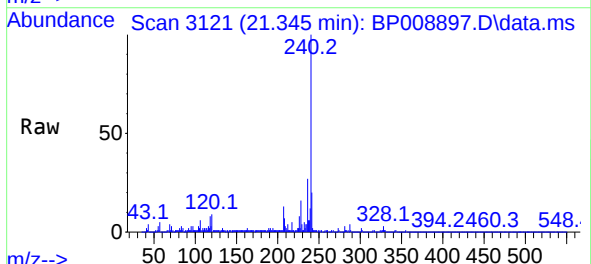
Manual Integrations
APPROVED

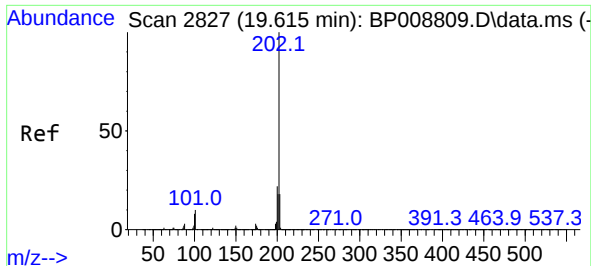
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

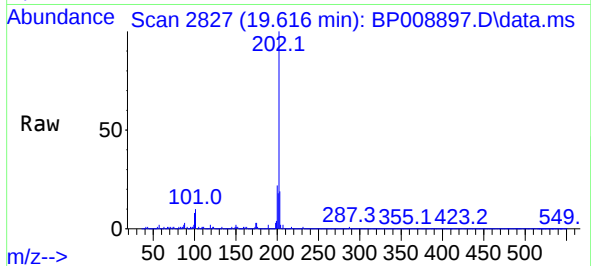
Tgt Ion:240 Resp: 1679711
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 26.6 21.2 31.8





#78
Pyrene
Concen: 23.829 ng
RT: 19.616 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

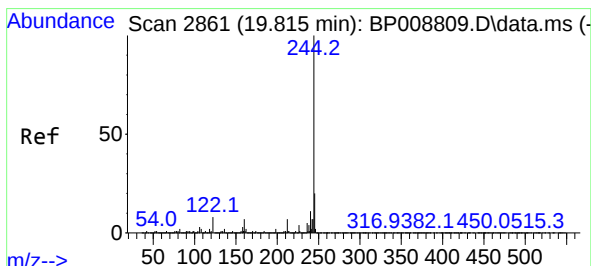
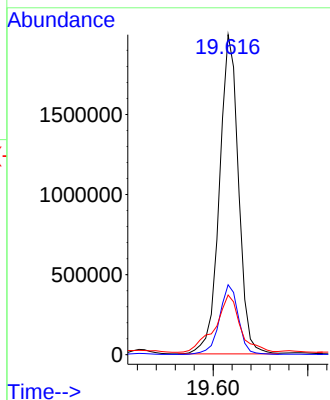
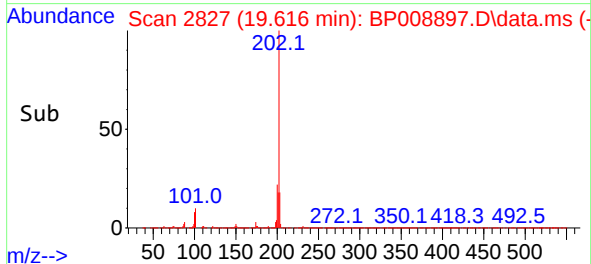
Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-26.0-26.5



Tgt Ion:202 Resp: 2792789
Ion Ratio Lower Upper
202 100
200 21.8 18.0 27.0
203 18.6 15.0 22.6

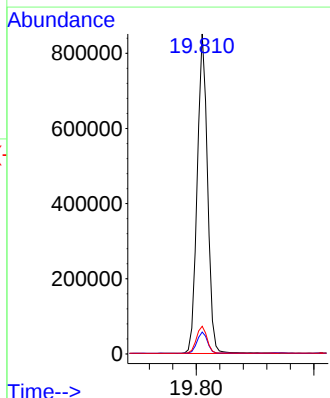
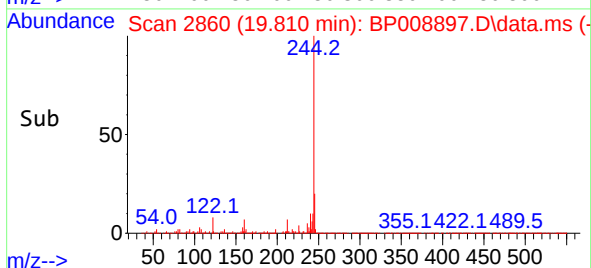
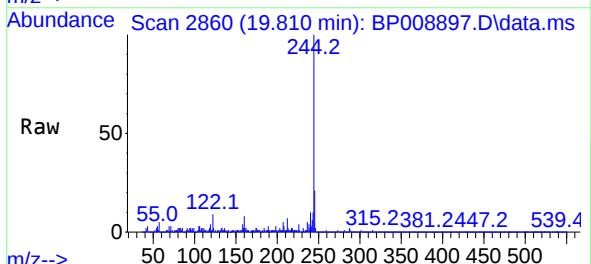
Manual Integrations
APPROVED

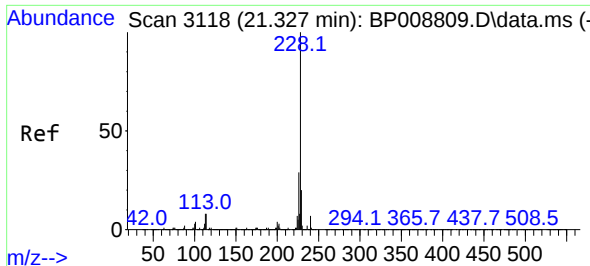
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#79
Terphenyl-d14
Concen: 10.397 ng
RT: 19.810 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

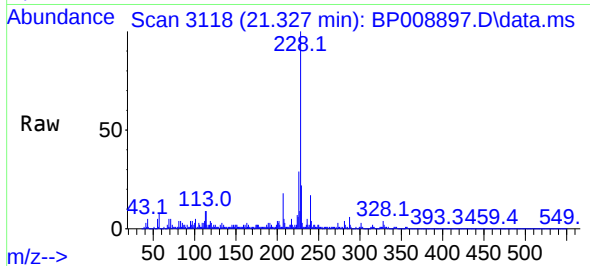
Tgt Ion:244 Resp: 1034594
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 8.6 9.2 13.8#





#81
Benzo(a)anthracene
Concen: 11.069 ng
RT: 21.327 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

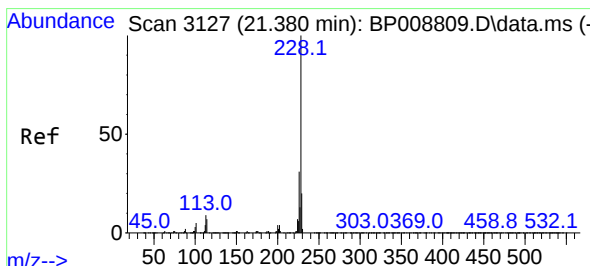
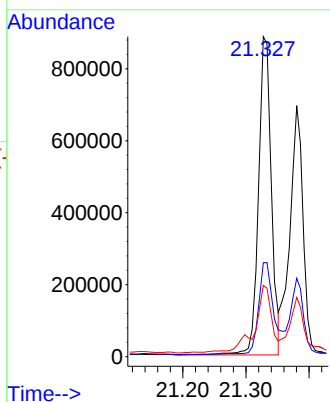
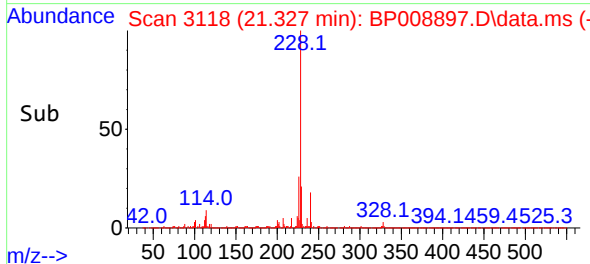
Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-26.0-26.5



Tgt Ion:228 Resp: 125084
Ion Ratio Lower Upper
228 100
226 29.4 23.3 34.9
229 22.3 17.0 25.6

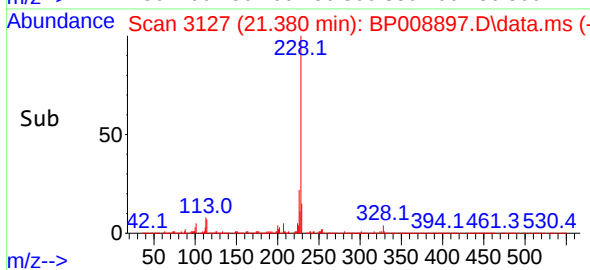
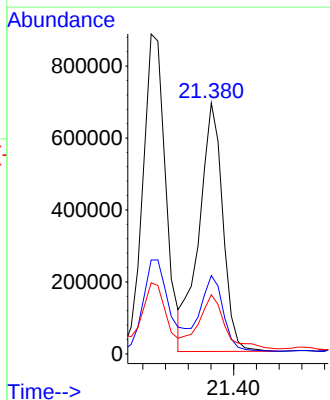
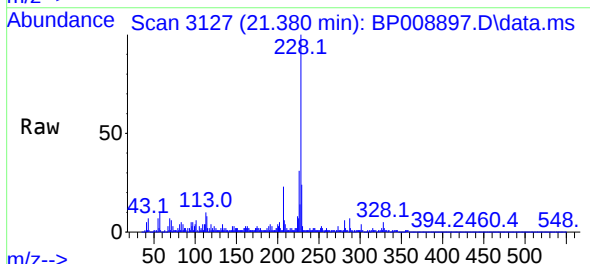
Manual Integrations
APPROVED

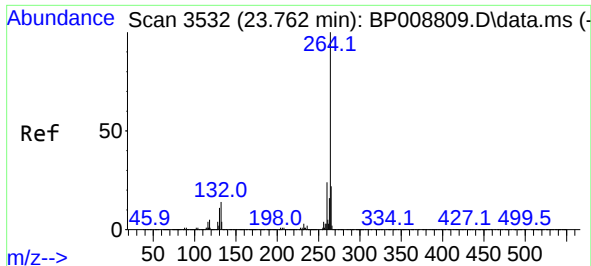
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#83
Chrysene
Concen: 9.189 ng
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

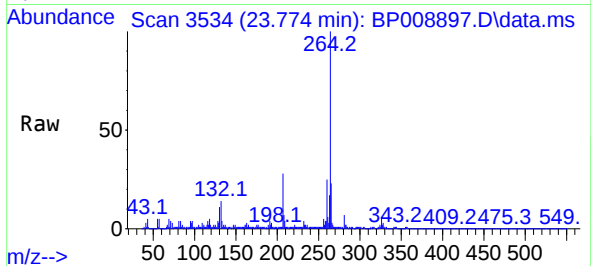
Tgt Ion:228 Resp: 1006577
Ion Ratio Lower Upper
228 100
226 31.3 26.0 39.0
229 23.6 16.9 25.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3534
Delta R.T. 0.012 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

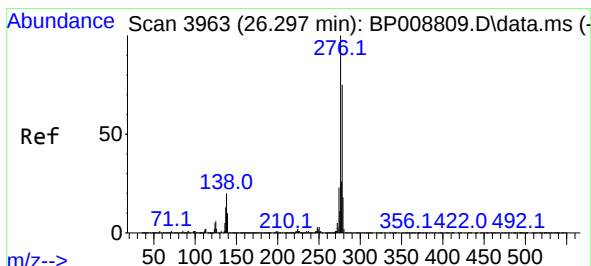
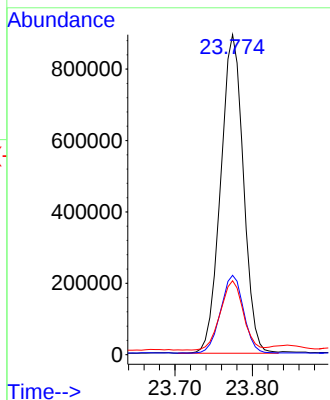
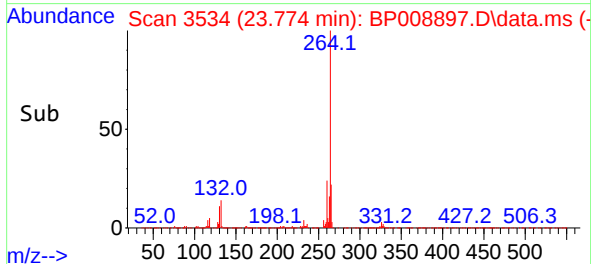
Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-26.0-26.5



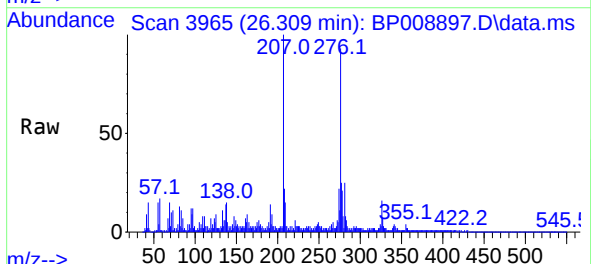
Tgt Ion:264 Resp: 181910
Ion Ratio Lower Upper
264 100
260 24.8 19.1 28.7
265 23.1 17.1 25.7

Manual Integrations
APPROVED

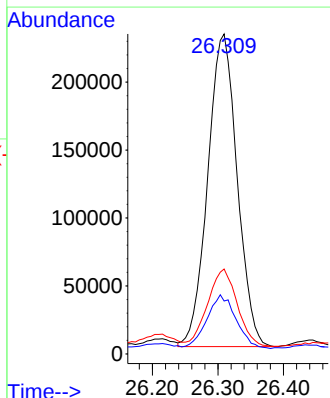
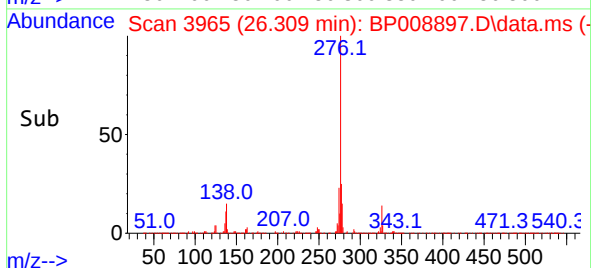
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

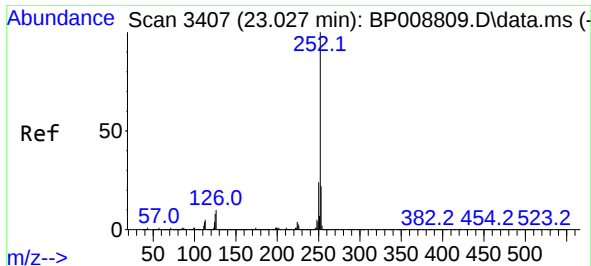


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.785 ng
RT: 26.309 min Scan# 3965
Delta R.T. 0.012 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54



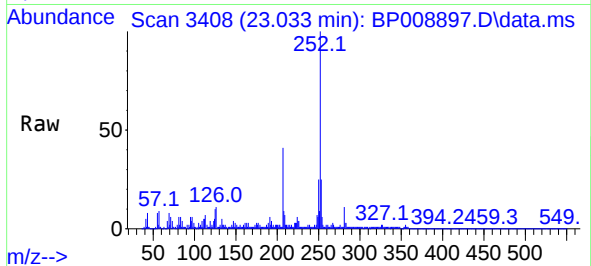
Tgt Ion:276 Resp: 717272
Ion Ratio Lower Upper
276 100
138 17.1 17.8 26.6#
277 24.9 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 11.837 ng
RT: 23.033 min Scan# 3407
Delta R.T. 0.006 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

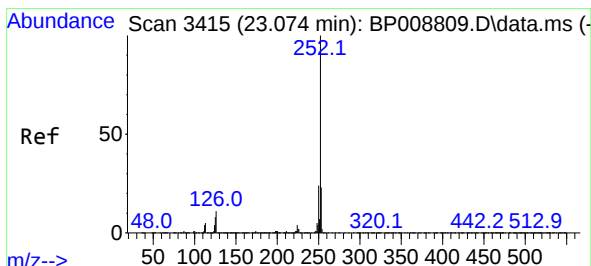
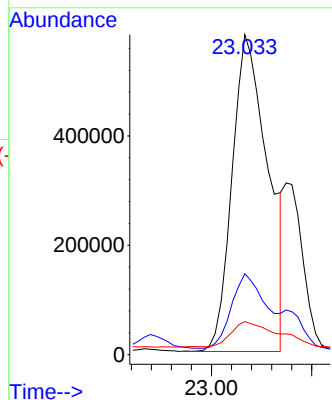
Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-26.0-26.5



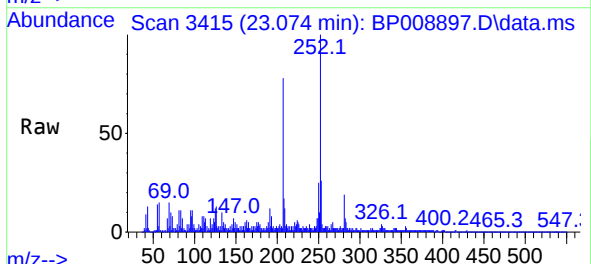
Tgt Ion:252 Resp: 143799
Ion Ratio Lower Upper
252 100
253 25.3 18.0 27.0
125 10.4 6.9 10.3

Manual Integrations
APPROVED

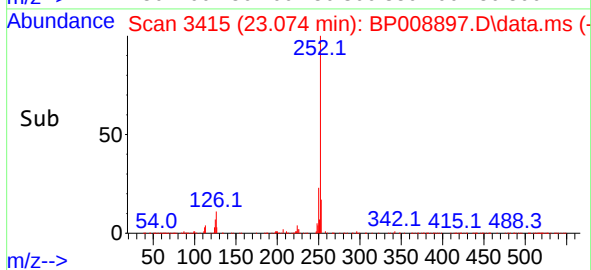
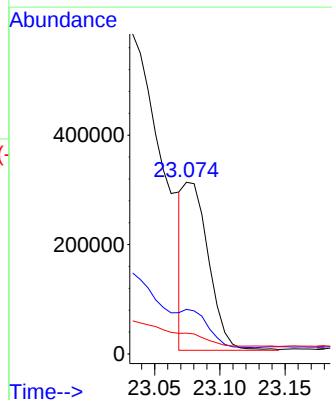
Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

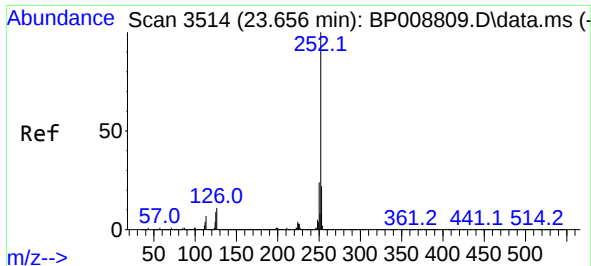


#89
Benzo(k)fluoranthene
Concen: 3.481 ng m
RT: 23.074 min Scan# 3415
Delta R.T. 0.000 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54



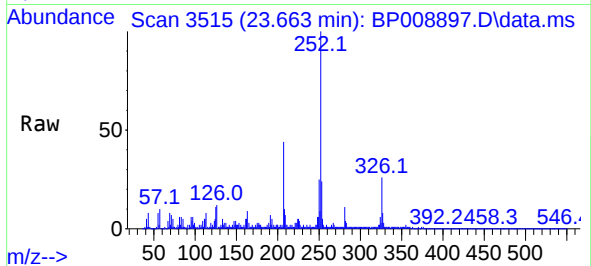
Tgt Ion:252 Resp: 409396
Ion Ratio Lower Upper
252 100
253 26.0 18.2 27.2
125 12.2 7.3 10.9





#90
Benzo(a)pyrene
Concen: 9.812 ng
RT: 23.663 min Scan# 311
Delta R.T. 0.006 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

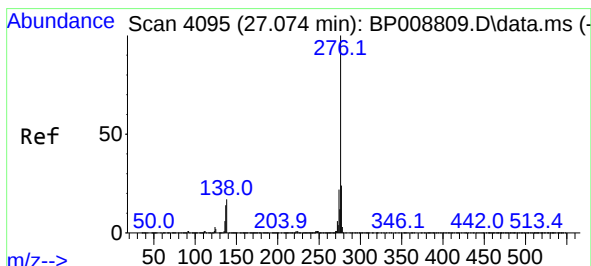
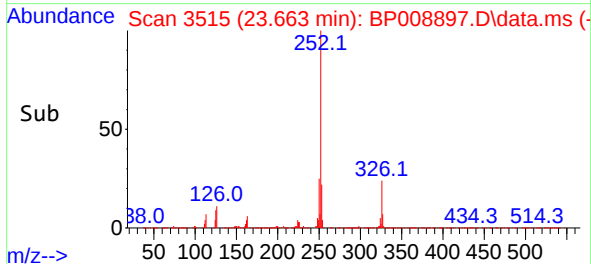
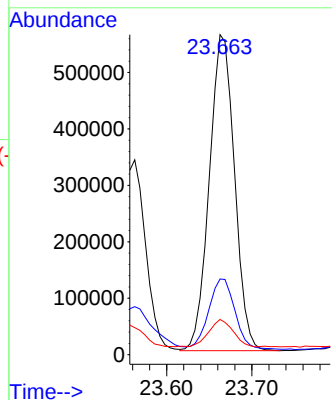
Instrument :
BNA_P
ClientSampleId :
SP25-07-20220119-26.0-26.5



Tgt Ion:252 Resp: 1150570
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 11.0 7.8 11.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022



#92
Benzo(g,h,i)perylene
Concen: 5.652 ng
RT: 27.092 min Scan# 4098
Delta R.T. 0.018 min
Lab File: BP008897.D
Acq: 24 Jan 2022 20:54

Tgt Ion:276 Resp: 703377
Ion Ratio Lower Upper
276 100
277 26.0 19.2 28.8
138 18.7 15.0 22.4

