

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
 Data File : BP008679.D
 Acq On : 05 Jan 2022 00:55
 Operator : CG/JU
 Sample : M5342-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-11-(0-2)

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/05/2022
 Supervised By : Jagrut Upadhyay 01/05/2022

Quant Time: Jan 05 04:29:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	681702	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	2695940	20.000	ng	-0.01
39) Acenaphthene-d10	14.522	164	1759506	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	3394018	20.000	ng	0.00
76) Chrysene-d12	21.357	240	2461905	20.000	ng	0.00
86) Perylene-d12	23.780	264	2631786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	4054676	108.565	ng	0.00
7) Phenol-d6	7.069	99	5071634	97.560	ng	0.01
23) Nitrobenzene-d5	9.046	82	3158898	69.704	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	2520612	105.884	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	8695028	71.597	ng	0.00
79) Terphenyl-d14	19.827	244	9993906	82.885	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.316	178	3389442	18.523	ng	98
72) Anthracene	17.404	178	900853	5.053	ng	99
73) Carbazole	17.674	167	417777	2.387	ng	100
75) Fluoranthene	19.280	202	5278458	25.079	ng	97
78) Pyrene	19.627	202	4547925	28.396	ng	98
81) Benzo(a)anthracene	21.339	228	2682726	16.797	ng	99
83) Chrysene	21.392	228	2256854	15.112	ng	96
84) Bis(2-ethylhexyl)phtha...	21.268	149	212859	2.206	ng	# 98
87) Indeno(1,2,3-cd)pyrene	26.298	276	1598326	9.041	ng	# 95
88) Benzo(b)fluoranthene	23.045	252	3131194	18.500	ng	# 97
89) Benzo(k)fluoranthene	23.086	252	983808m	5.847	ng	
90) Benzo(a)pyrene	23.668	252	2233021	16.366	ng	97
91) Dibenzo(a,h)anthracene	26.309	278	461724	3.096	ng	# 91
92) Benzo(g,h,i)perylene	27.080	276	1535390	11.010	ng	96

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

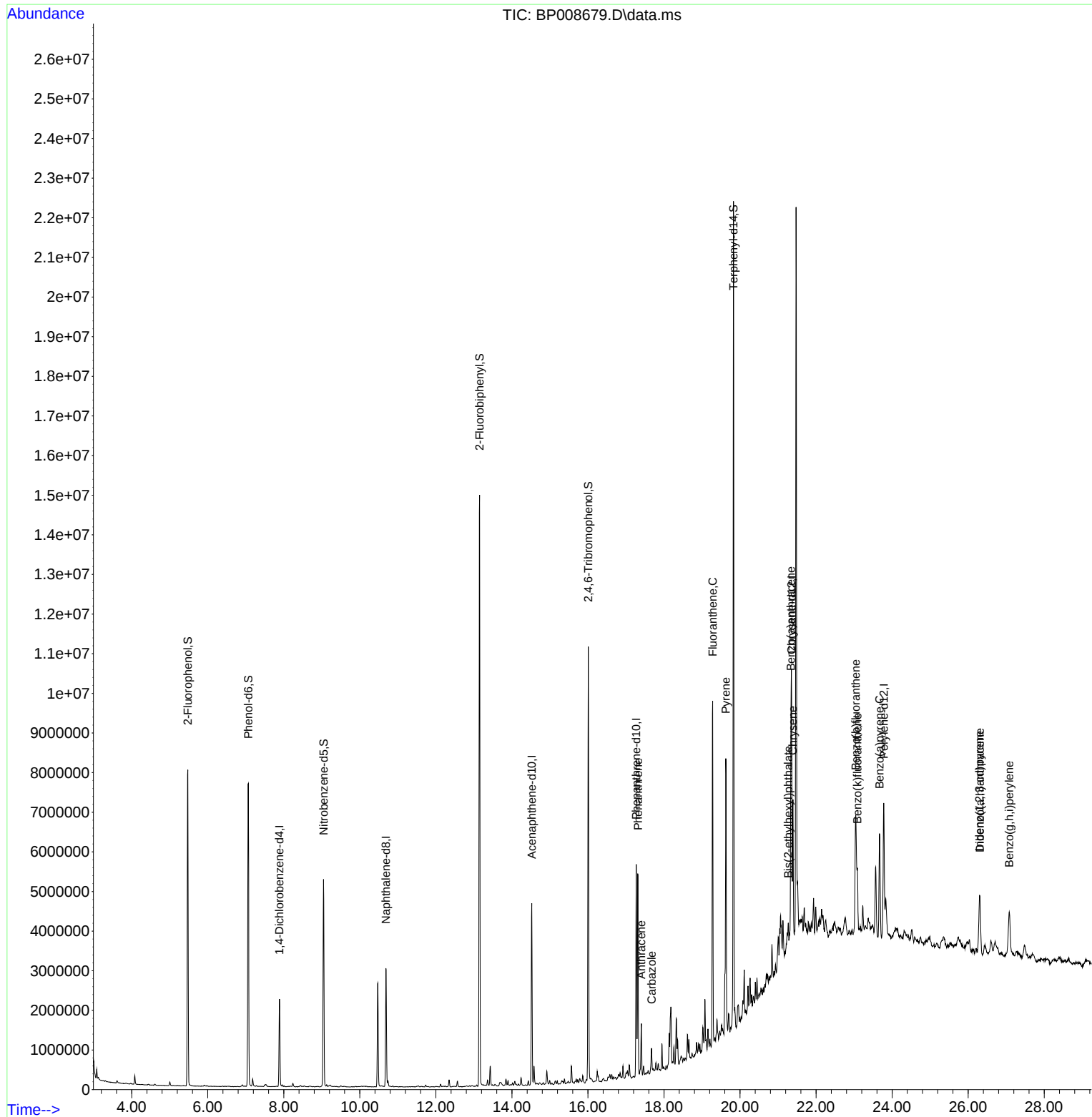
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008679.D
Acq On : 05 Jan 2022 00:55
Operator : CG/JU
Sample : M5342-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

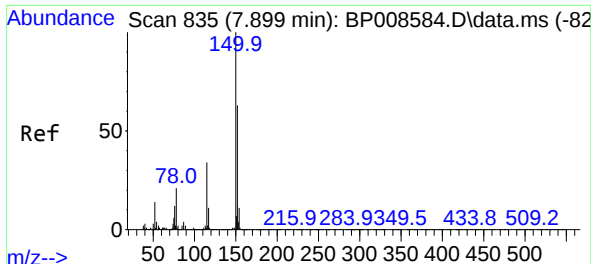
Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

Quant Time: Jan 05 04:29:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 01/05/2022
Supervised By : Jagrut Upadhyay 01/05/2022





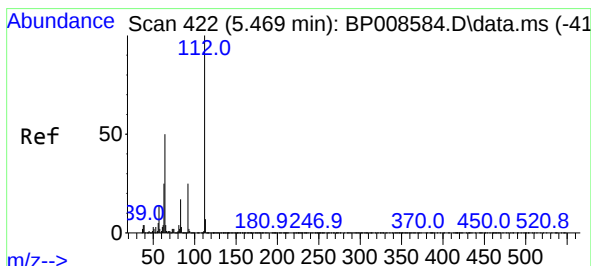
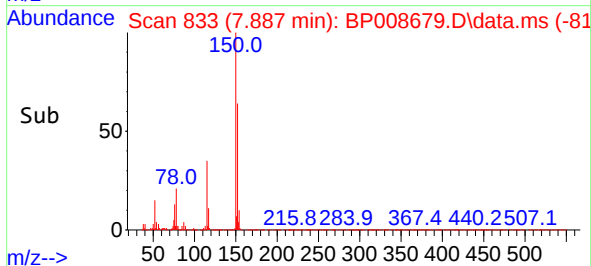
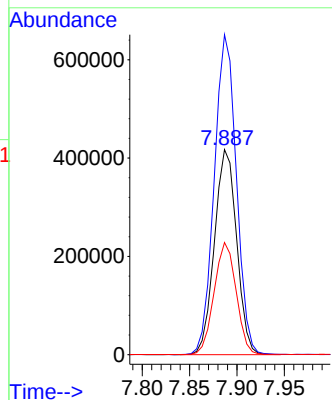
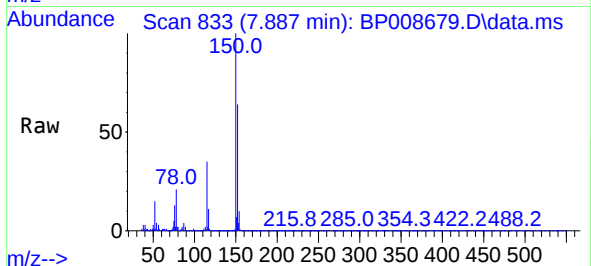
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

Tgt Ion:152 Resp: 68170
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.6
115 54.7 43.7 65.5

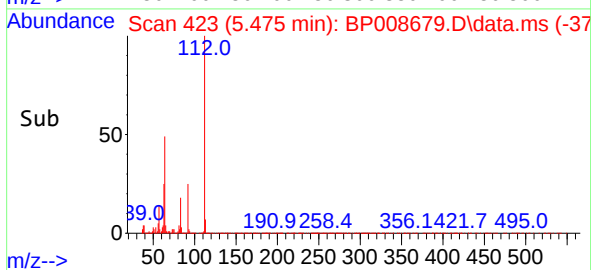
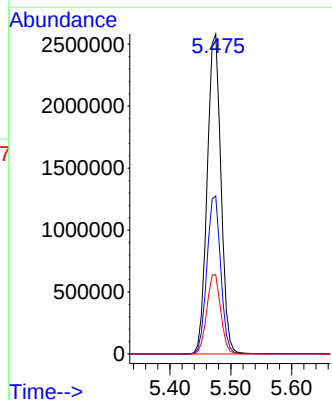
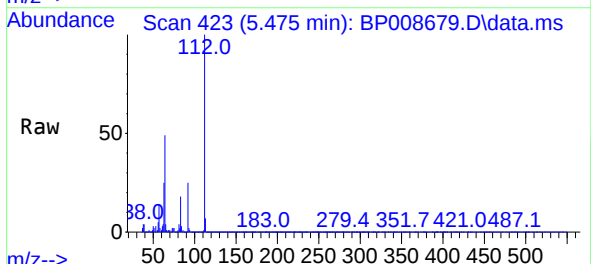
Manual Integrations
APPROVED

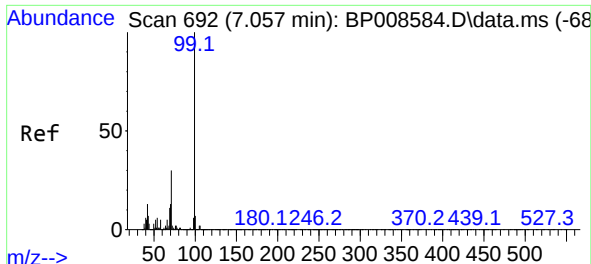
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#5
2-Fluorophenol
Concen: 108.565 ng
RT: 5.475 min Scan# 423
Delta R.T. 0.006 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

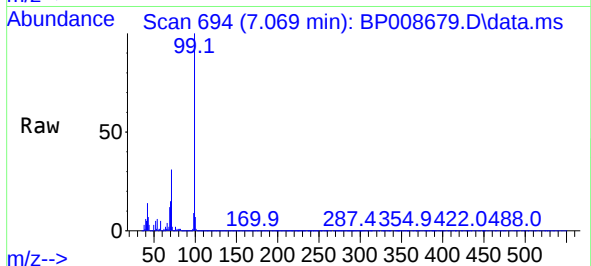
Tgt Ion:112 Resp: 4054676
Ion Ratio Lower Upper
112 100
64 49.4 39.7 59.5
63 24.7 20.0 30.0





#7
Phenol-d6
Concen: 97.560 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

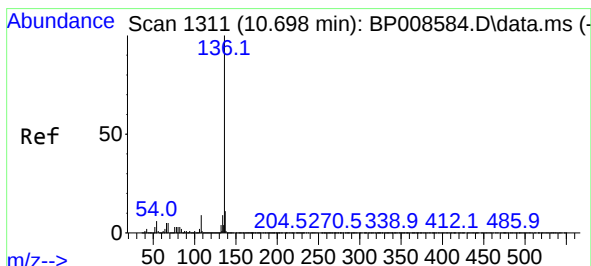
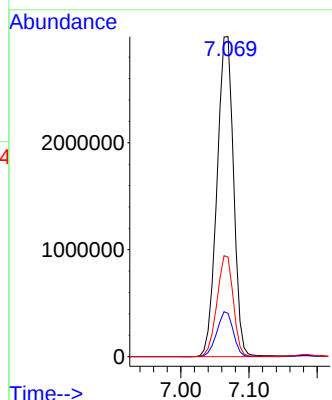
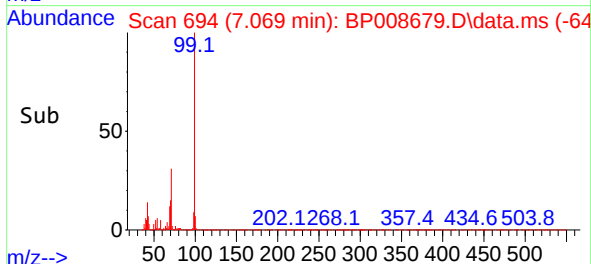
Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)



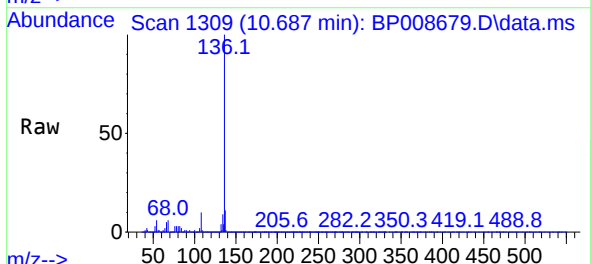
Tgt Ion: 99 Resp: 5071634
Ion Ratio Lower Upper
99 100
42 13.6 10.8 16.2
71 31.2 23.8 35.6

Manual Integrations
APPROVED

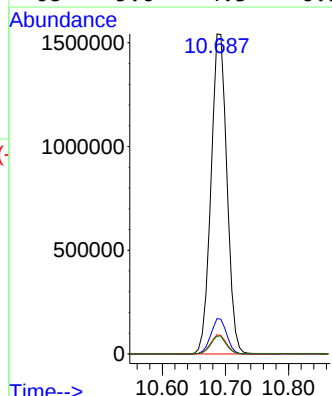
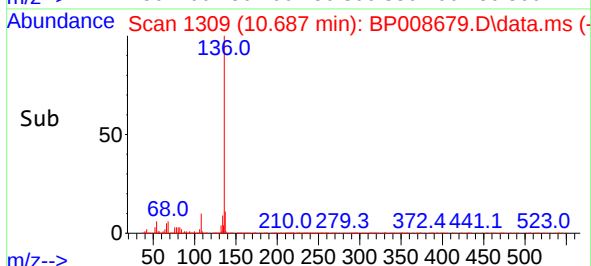
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

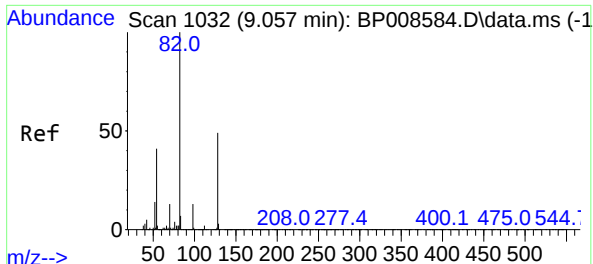


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55



Tgt Ion:136 Resp: 2695940
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.0 4.9 7.3
68 5.6 4.3 6.5





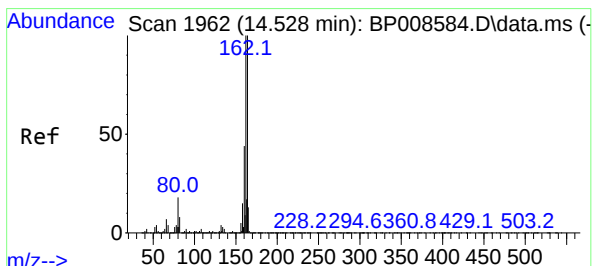
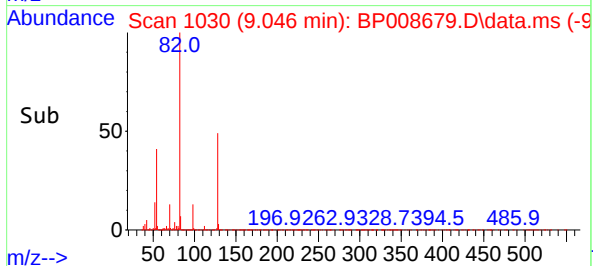
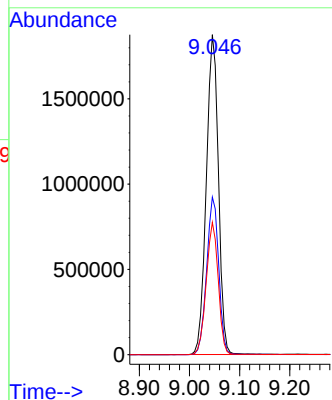
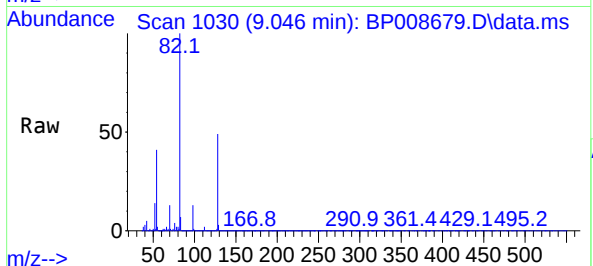
#23
Nitrobenzene-d5
Concen: 69.704 ng
RT: 9.046 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

Tgt Ion: 82 Resp: 3158898
Ion Ratio Lower Upper
82 100
128 49.3 39.4 59.2
54 41.4 32.6 48.8

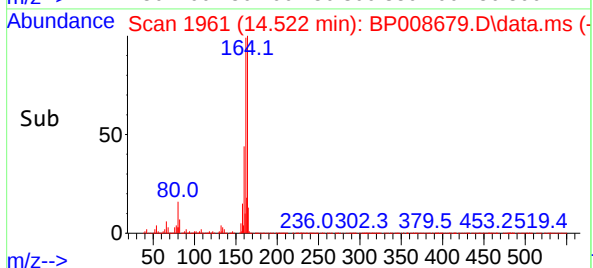
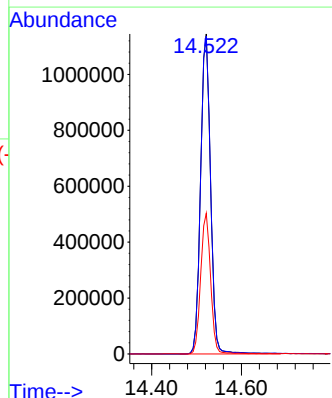
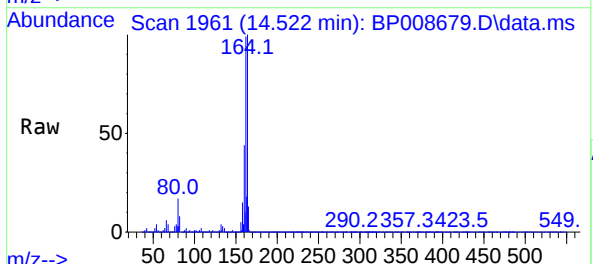
Manual Integrations
APPROVED

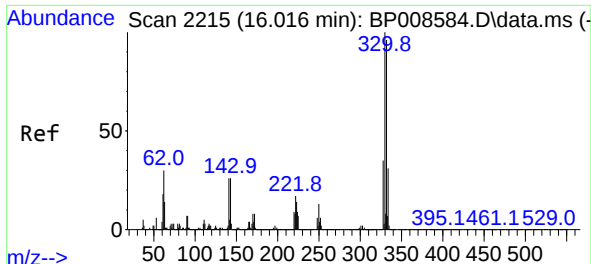
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

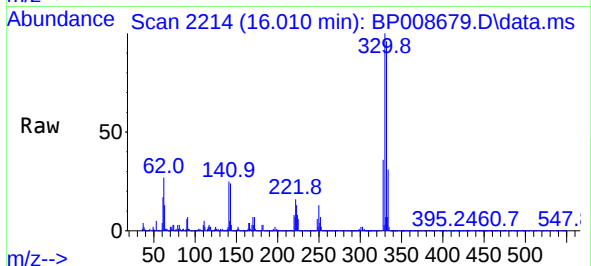
Tgt Ion:164 Resp: 1759506
Ion Ratio Lower Upper
164 100
162 99.4 79.9 119.9
160 44.0 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 105.884 ng
RT: 16.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

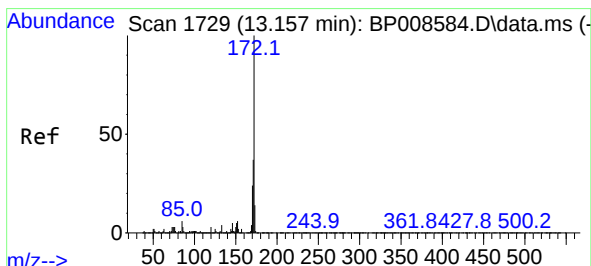
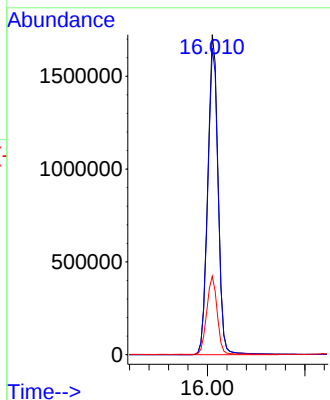
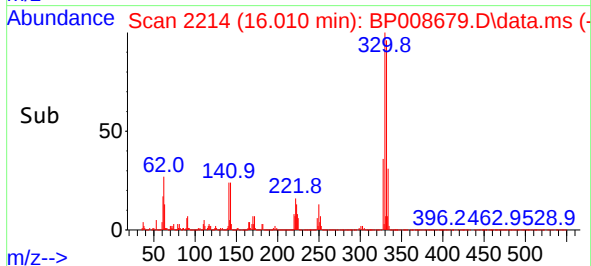
Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)



Tgt Ion:330 Resp: 252061
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 24.6 21.3 31.9

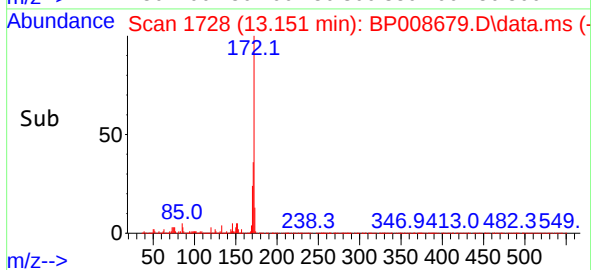
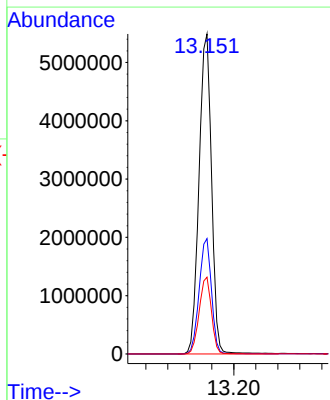
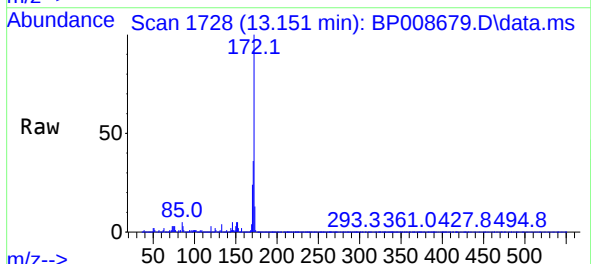
Manual Integrations
APPROVED

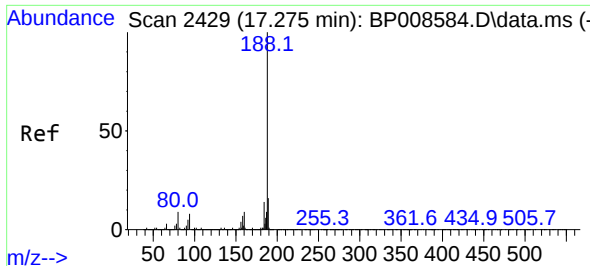
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#45
2-Fluorobiphenyl
Concen: 71.597 ng
RT: 13.151 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

Tgt Ion:172 Resp: 8695028
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 24.0 19.5 29.3





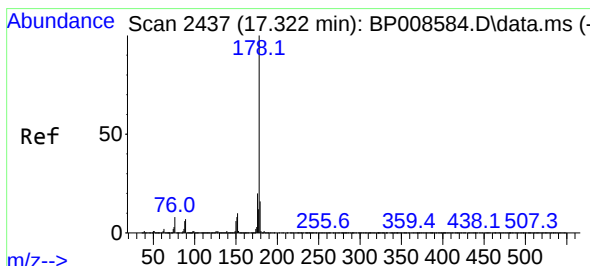
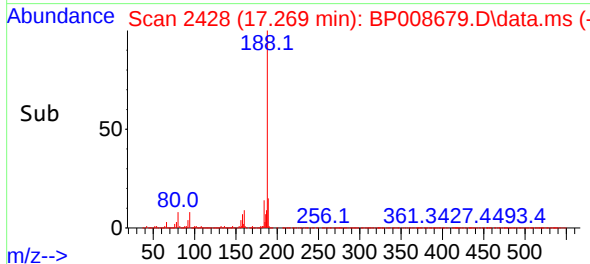
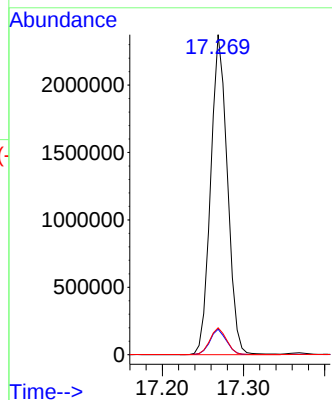
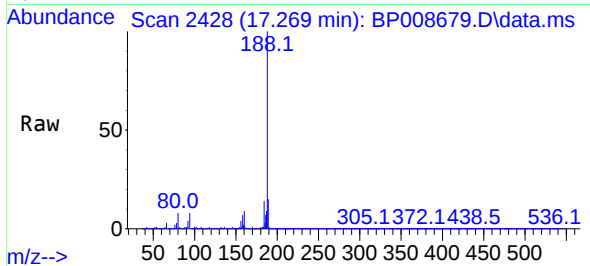
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

Tgt Ion:188 Resp: 3394018
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.4 7.2 10.8

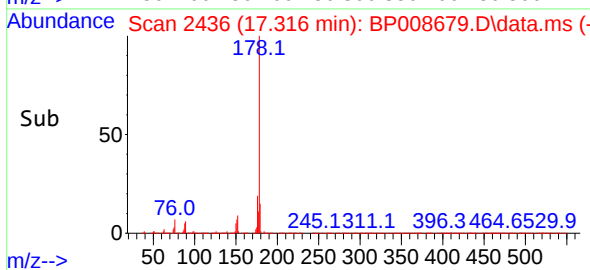
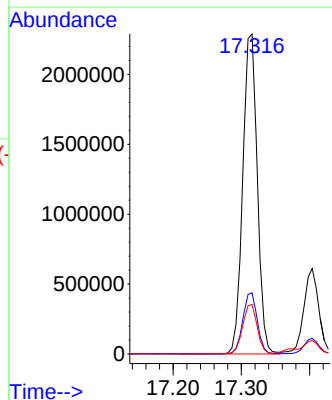
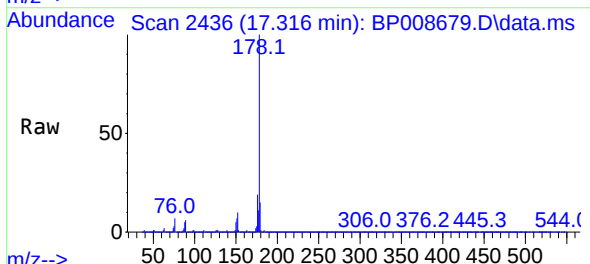
Manual Integrations
APPROVED

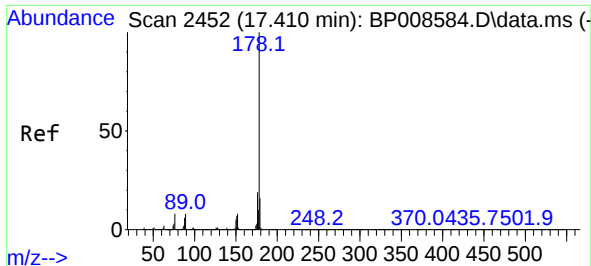
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#71
Phenanthrene
Concen: 18.523 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

Tgt Ion:178 Resp: 3389442
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.5 13.0 19.4





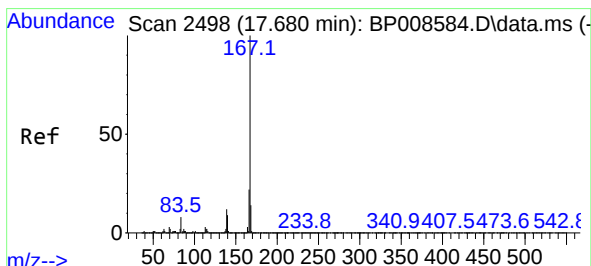
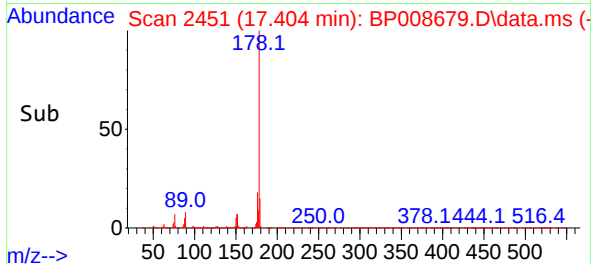
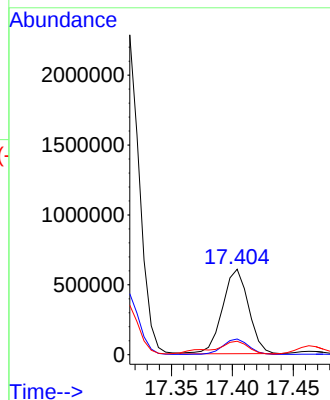
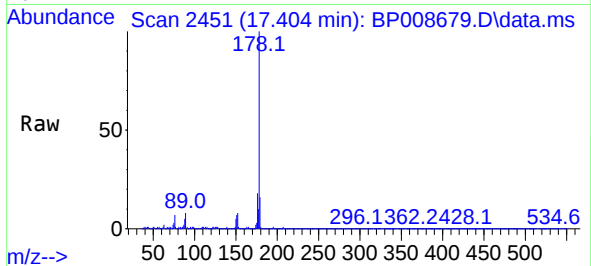
#72
 Anthracene
 Concen: 5.053 ng
 RT: 17.404 min Scan# 2452
 Delta R.T. -0.006 min
 Lab File: BP008679.D
 Acq: 05 Jan 2022 00:55

Instrument :
 BNA_P
 ClientSampleId :
 SB-11-(0-2)

Tgt Ion:178 Resp: 90085
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 15.8 12.8 19.2

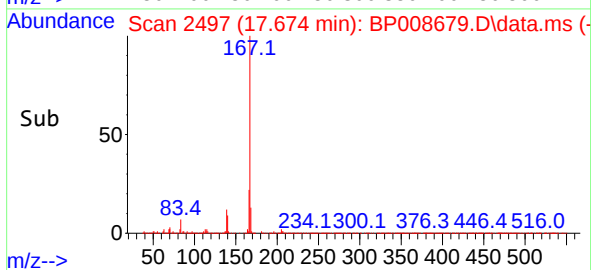
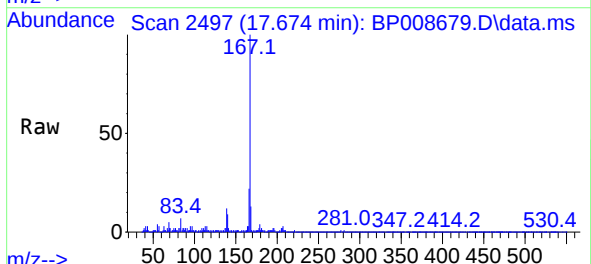
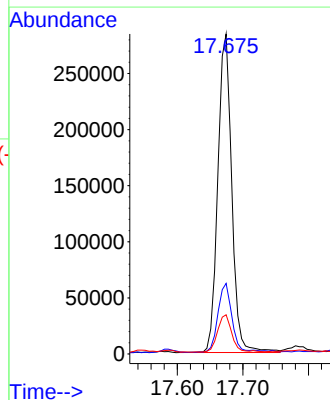
Manual Integrations
 APPROVED

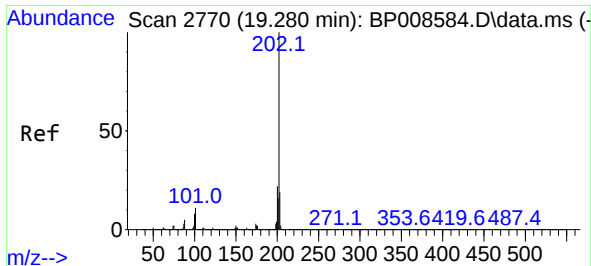
Reviewed By :Christian Giraldo 01/05/2022
 Supervised By :Jagrut Upadhyay 01/05/2022



#73
 Carbazole
 Concen: 2.387 ng
 RT: 17.674 min Scan# 2497
 Delta R.T. -0.006 min
 Lab File: BP008679.D
 Acq: 05 Jan 2022 00:55

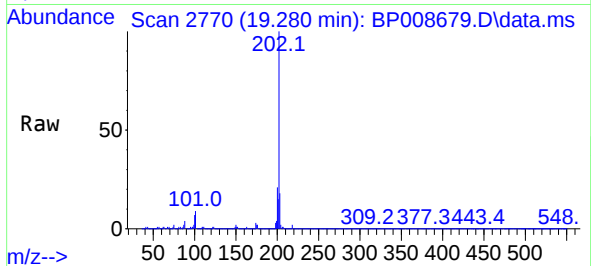
Tgt Ion:167 Resp: 417777
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 12.3 9.8 14.6





#75
Fluoranthene
Concen: 25.079 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

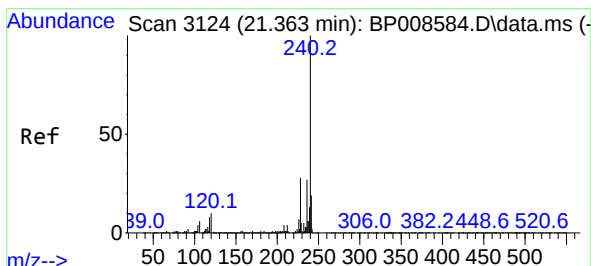
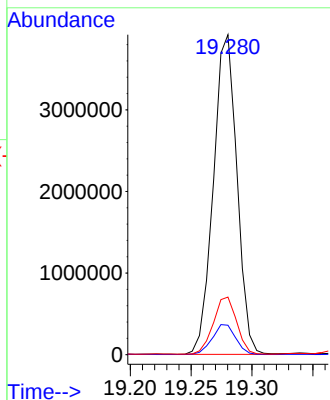
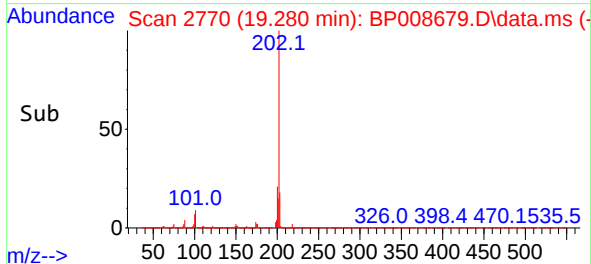
Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)



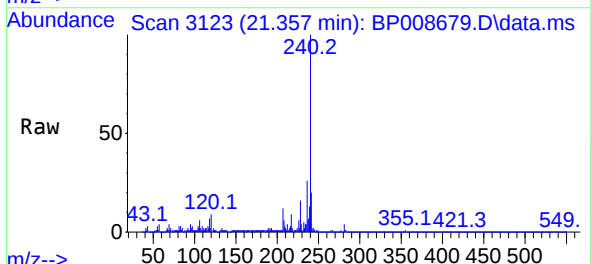
Tgt Ion:202 Resp: 5278458
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 18.0 0.0 38.9

Manual Integrations
APPROVED

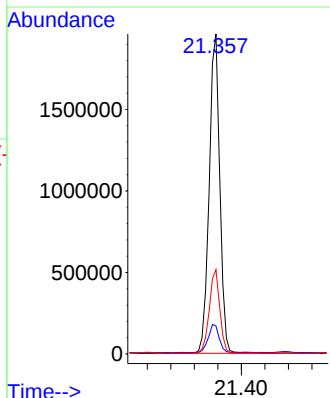
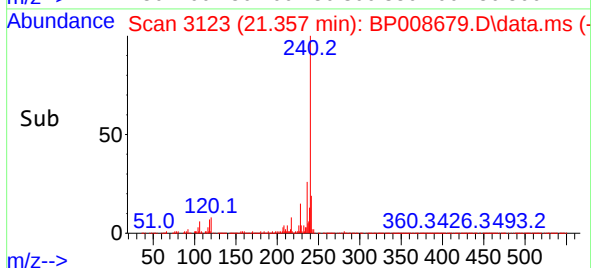
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

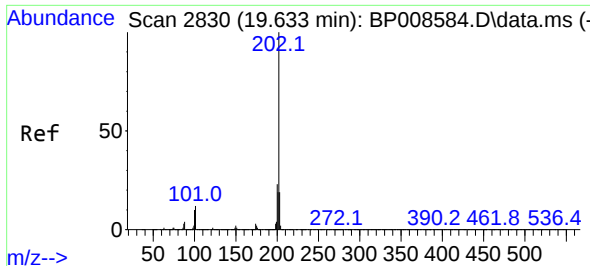


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55



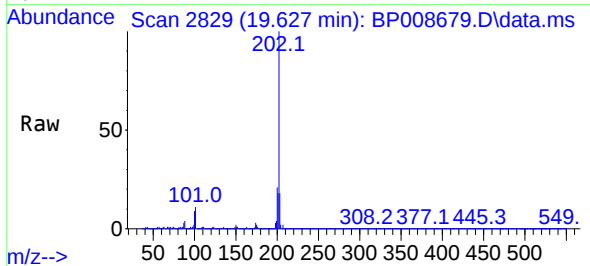
Tgt Ion:240 Resp: 2461905
Ion Ratio Lower Upper
240 100
120 8.8 7.7 11.5
236 26.3 21.2 31.8





#78
Pyrene
Concen: 28.396 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

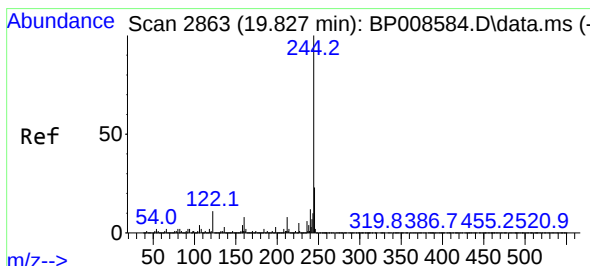
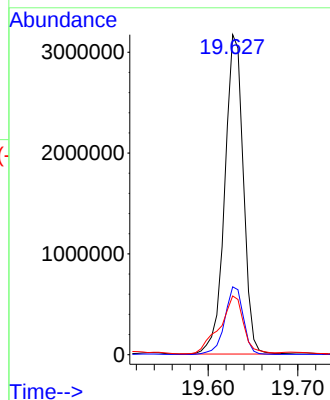
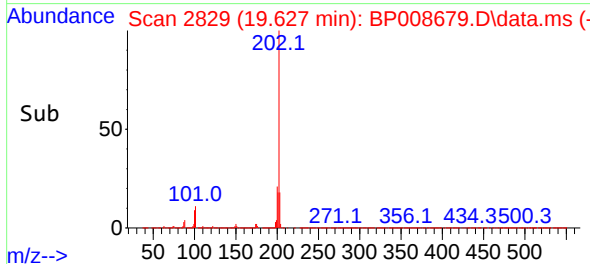
Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)



Tgt Ion:202 Resp: 4547925
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 18.4 15.0 22.6

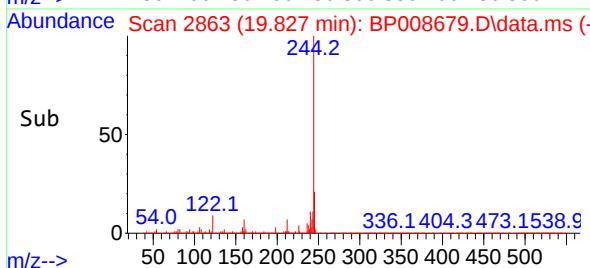
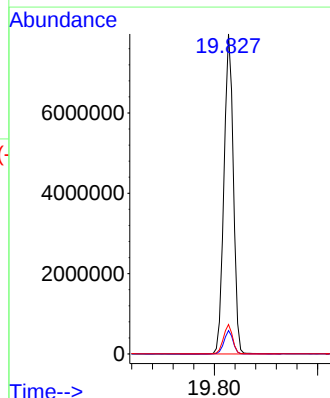
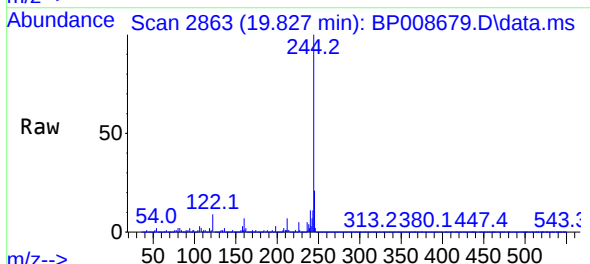
Manual Integrations
APPROVED

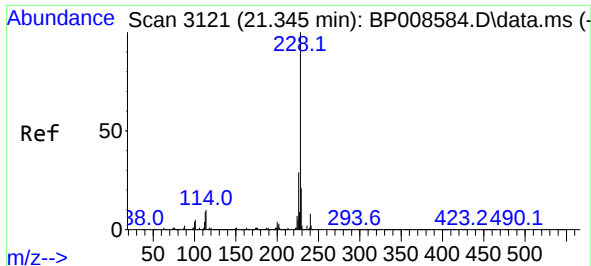
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#79
Terphenyl-d14
Concen: 82.885 ng
RT: 19.827 min Scan# 2863
Delta R.T. 0.000 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

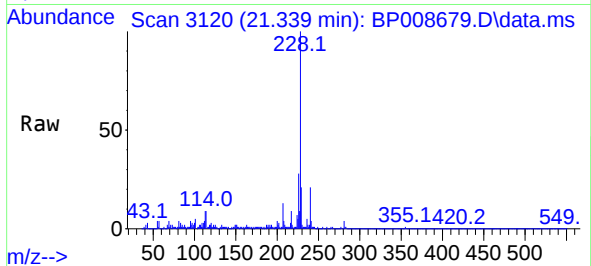
Tgt Ion:244 Resp: 9993906
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 9.2 9.2 13.8





#81
Benzo(a)anthracene
Concen: 16.797 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

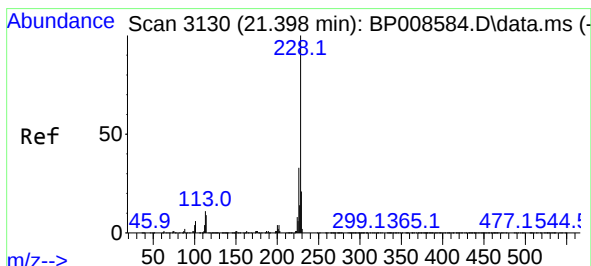
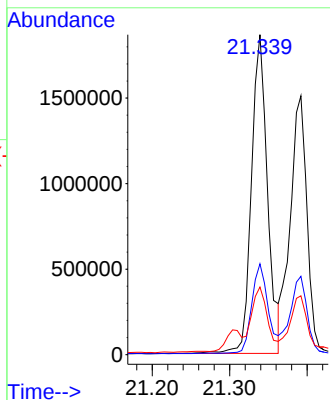
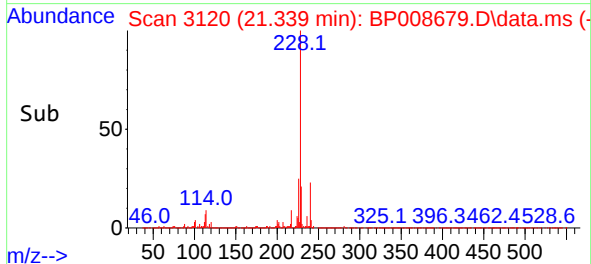
Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)



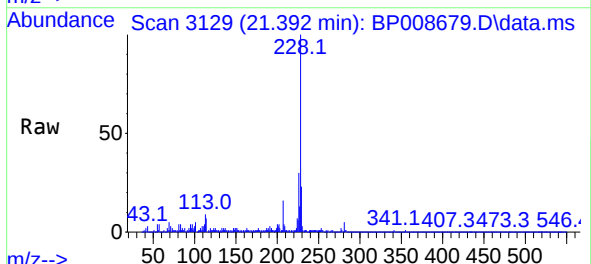
Tgt Ion:228 Resp: 2682720
Ion Ratio Lower Upper
228 100
226 28.4 23.3 34.9
229 21.2 17.0 25.6

Manual Integrations
APPROVED

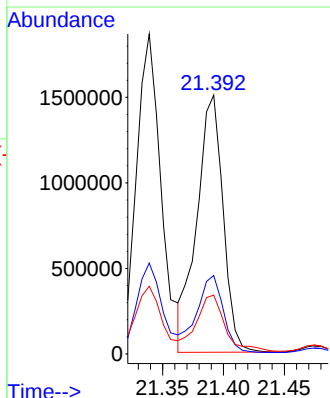
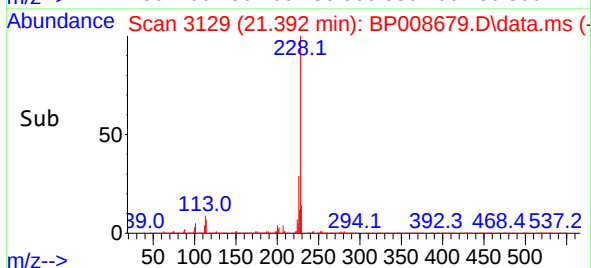
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

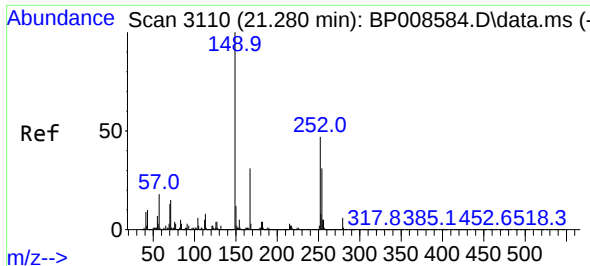


#83
Chrysene
Concen: 15.112 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55



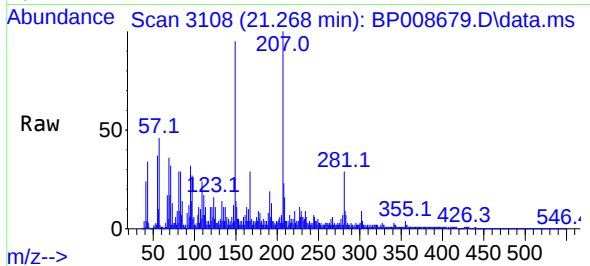
Tgt Ion:228 Resp: 2256854
Ion Ratio Lower Upper
228 100
226 30.3 26.0 39.0
229 22.8 16.9 25.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.206 ng
RT: 21.268 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

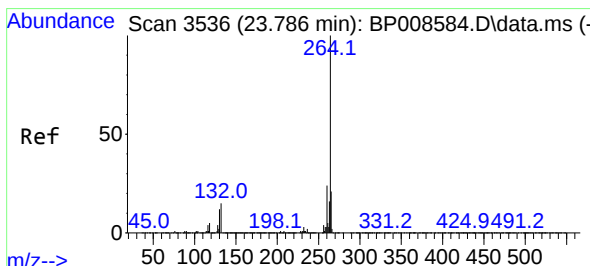
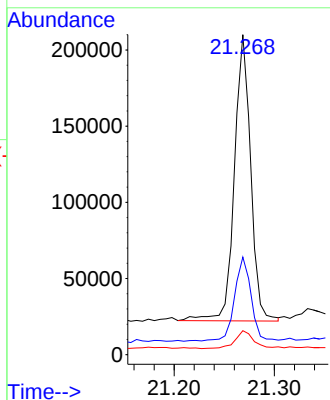
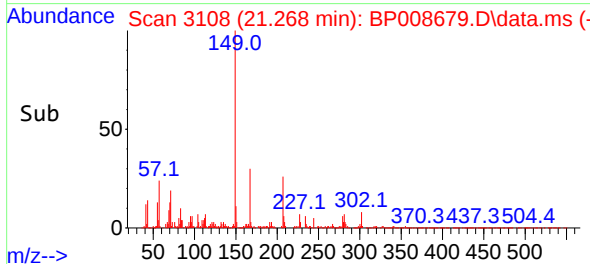
Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)



Tgt Ion:149 Resp: 212859
Ion Ratio Lower Upper
149 100
167 30.5 25.0 37.4
279 7.5 4.8 7.2

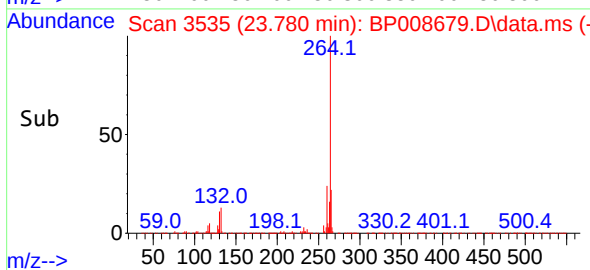
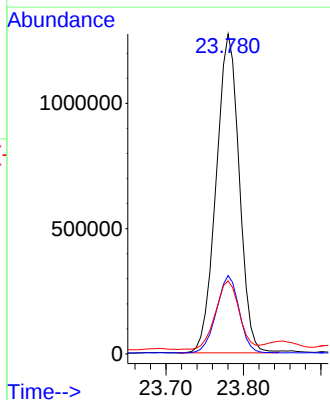
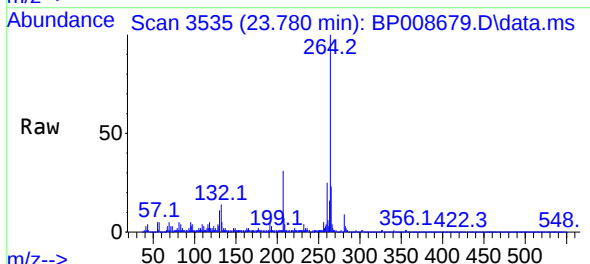
Manual Integrations
APPROVED

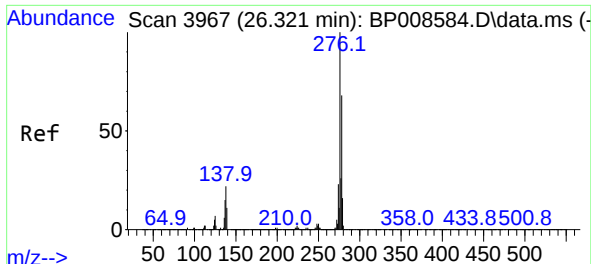
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3535
Delta R.T. -0.006 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

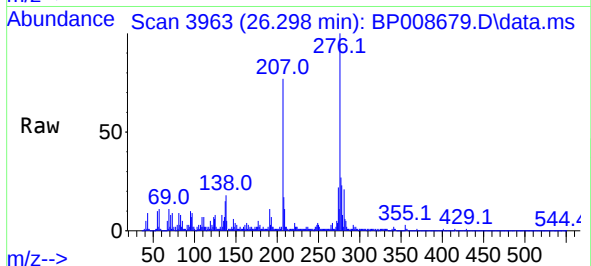
Tgt Ion:264 Resp: 2631786
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 22.8 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.041 ng
RT: 26.298 min Scan# 3963
Delta R.T. -0.024 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

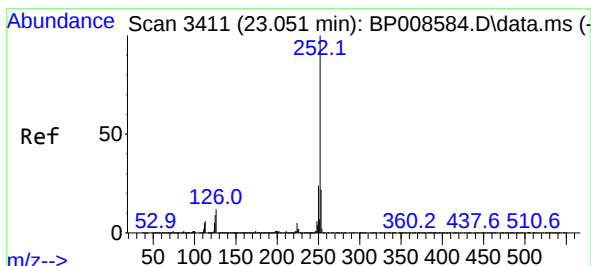
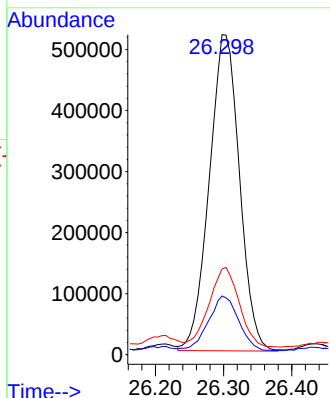
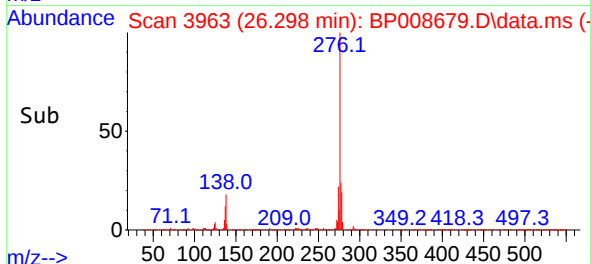
Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)



Tgt Ion: 276 Resp: 1598320
Ion Ratio Lower Upper
276 100
138 17.3 17.8 26.6
277 25.1 20.4 30.6

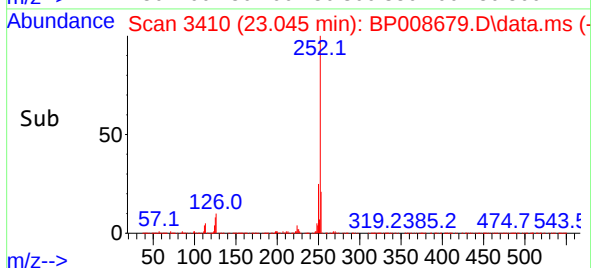
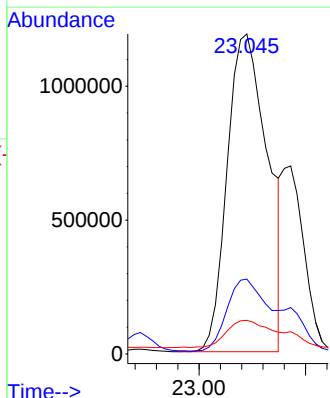
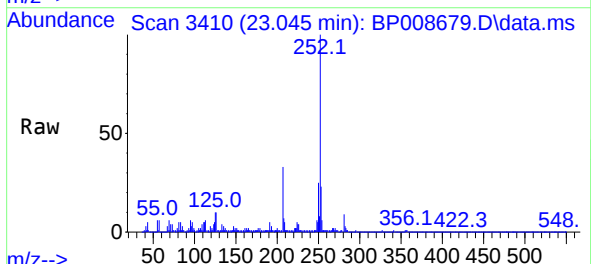
Manual Integrations
APPROVED

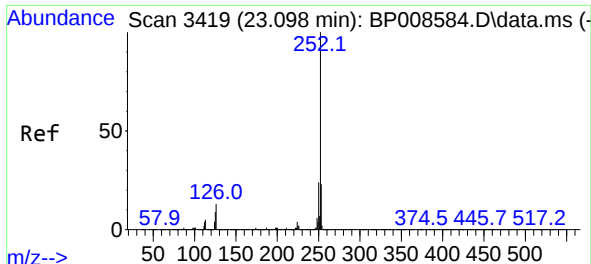
Reviewed By : Christian Giraldo 01/05/2022
Supervised By : Jagrut Upadhyay 01/05/2022



#88
Benzo(b)fluoranthene
Concen: 18.500 ng
RT: 23.045 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

Tgt Ion: 252 Resp: 3131194
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 10.5 6.9 10.3





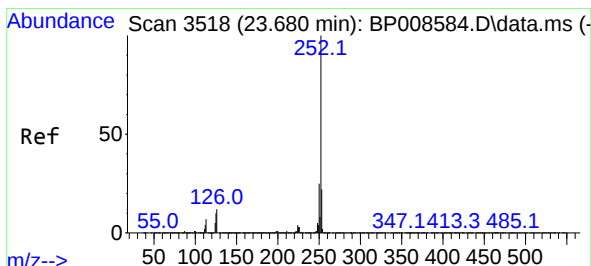
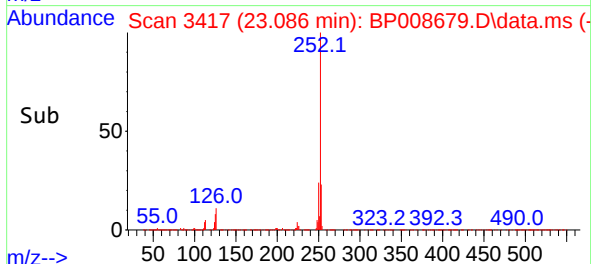
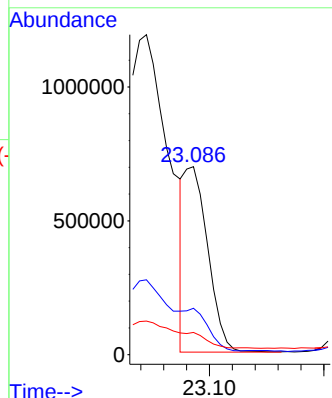
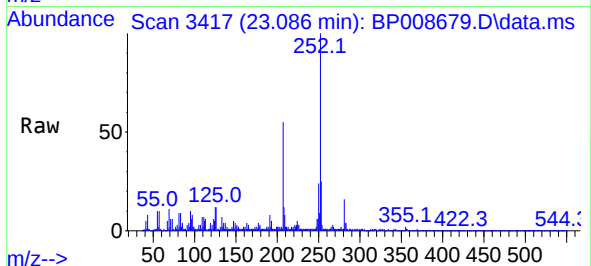
#89
Benzo(k)fluoranthene
Concen: 5.847 ng m
RT: 23.086 min Scan# 3419
Delta R.T. -0.012 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)

Tgt Ion:252 Resp: 983808
Ion Ratio Lower Upper
252 100
253 24.7 18.2 27.2
125 11.8 7.3 10.9

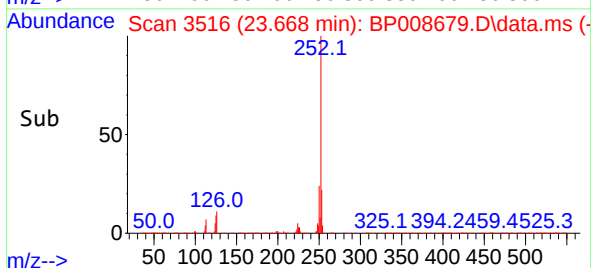
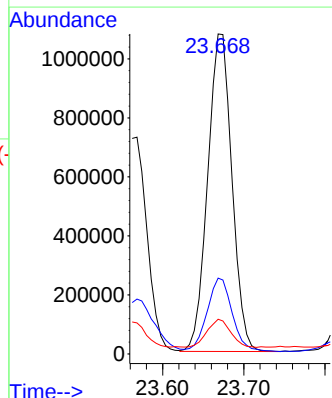
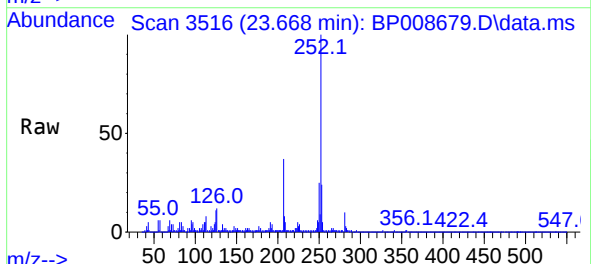
Manual Integrations
APPROVED

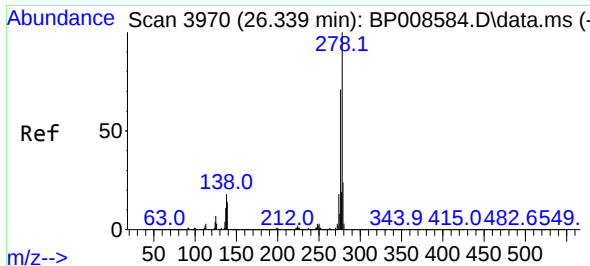
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#90
Benzo(a)pyrene
Concen: 16.366 ng
RT: 23.668 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

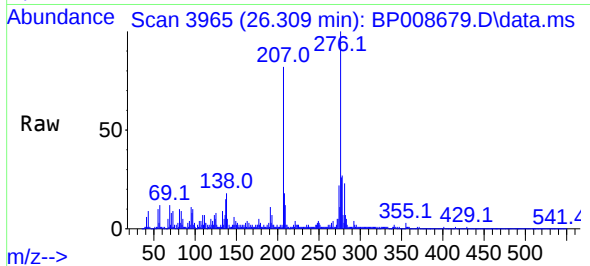
Tgt Ion:252 Resp: 2233021
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 10.9 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 3.096 ng
RT: 26.309 min Scan# 3970
Delta R.T. -0.029 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

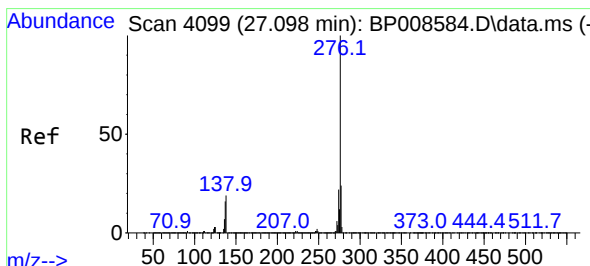
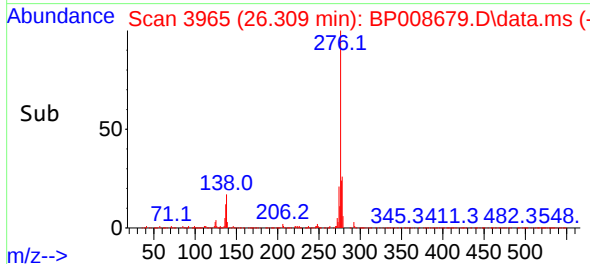
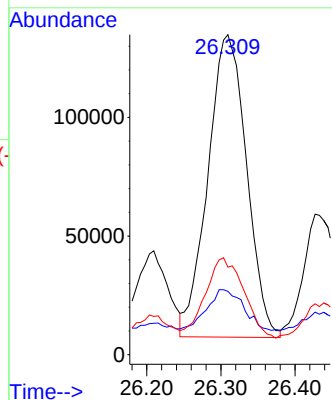
Instrument :
BNA_P
ClientSampleId :
SB-11-(0-2)



Tgt Ion:278 Resp: 461724
Ion Ratio Lower Upper
278 100
139 19.8 11.5 17.3
279 27.4 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#92
Benzo(g,h,i)perylene
Concen: 11.010 ng
RT: 27.080 min Scan# 4096
Delta R.T. -0.018 min
Lab File: BP008679.D
Acq: 05 Jan 2022 00:55

Tgt Ion:276 Resp: 1535390
Ion Ratio Lower Upper
276 100
277 27.0 19.2 28.8
138 19.6 15.0 22.4

