

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
 Data File : BP009583.D
 Acq On : 29 Mar 2022 01:05
 Operator : CG/JU
 Sample : N2095-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-06-4.0-5.0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/29/2022
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 29 03:15:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	295221	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1155083	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	752689	20.000	ng	-0.01
64) Phenanthrene-d10	17.175	188	1579918	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1543894	20.000	ng	0.00
86) Perylene-d12	23.692	264	1708461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2425943	143.470	ng	0.00
7) Phenol-d6	6.958	99	3062325	133.918	ng	0.00
23) Nitrobenzene-d5	8.922	82	1935182	89.030	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	1406746	113.258	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	4506166	82.994	ng	0.00
79) Terphenyl-d14	19.757	244	7099797	82.540	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.222	178	1298355	15.352	ng	100
72) Anthracene	17.310	178	181821	2.177	ng	97
75) Fluoranthene	19.204	202	1369798	13.378	ng	98
78) Pyrene	19.557	202	1951165	19.179	ng	100
81) Benzo(a)anthracene	21.280	228	673062	6.636	ng	96
83) Chrysene	21.333	228	750551m	7.814	ng	
87) Indeno(1,2,3-cd)pyrene	26.192	276	501565	3.870	ng	# 94
88) Benzo(b)fluoranthene	22.963	252	826769m	8.106	ng	
89) Benzo(k)fluoranthene	23.004	252	234315m	2.346	ng	
90) Benzo(a)pyrene	23.586	252	576818	6.610	ng	# 90
92) Benzo(g,h,i)perylene	26.962	276	612831	5.767	ng	96

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

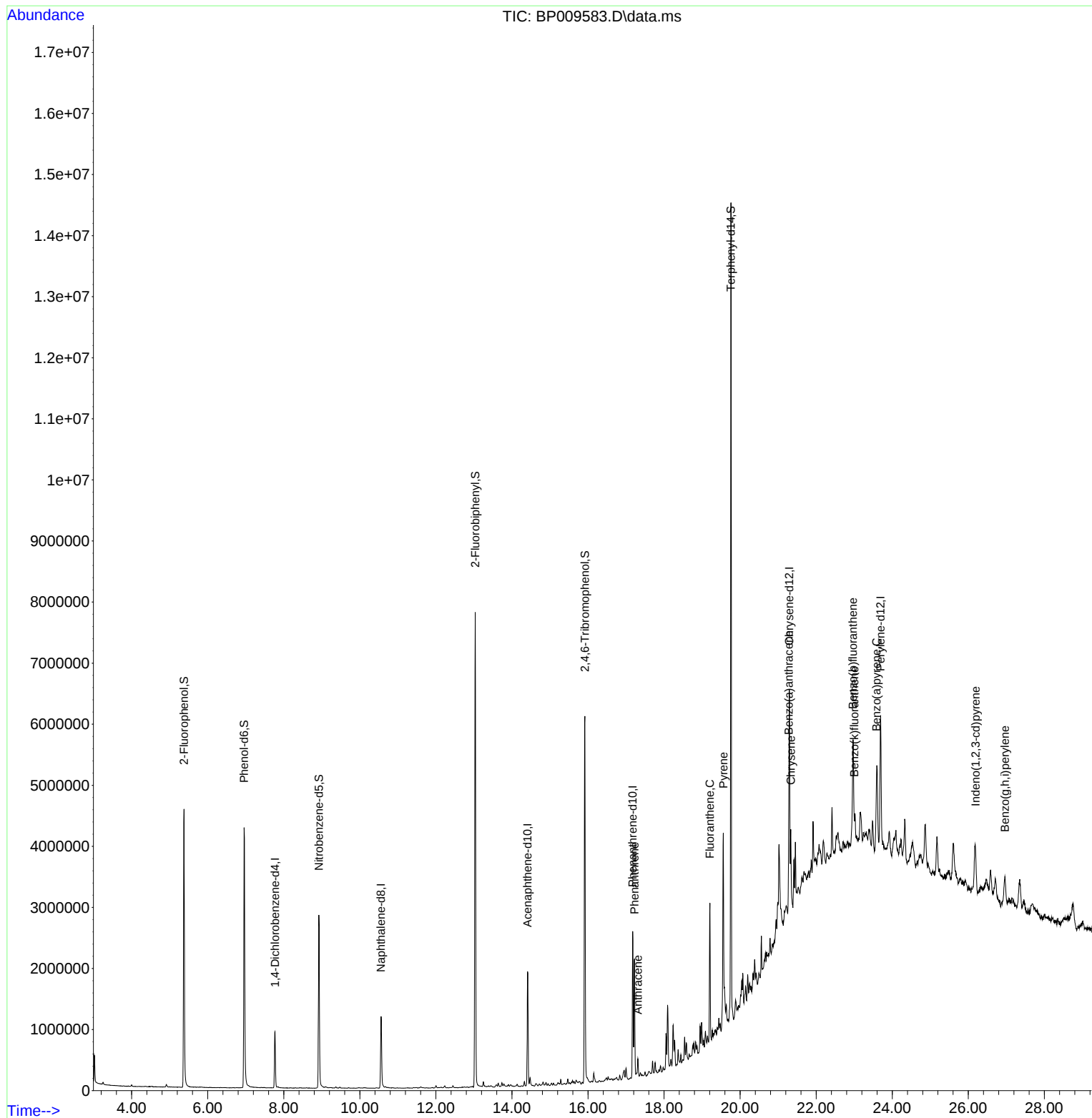
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009583.D
Acq On : 29 Mar 2022 01:05
Operator : CG/JU
Sample : N2095-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

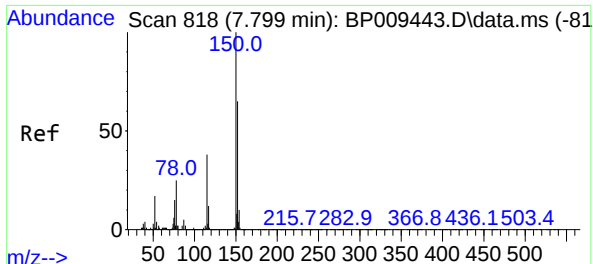
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Mar 29 03:15:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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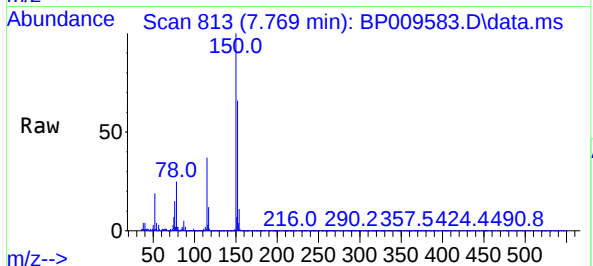
Reviewed By : Christian Giraldo 03/29/2022
Supervised By : Jagrut Upadhyay 03/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

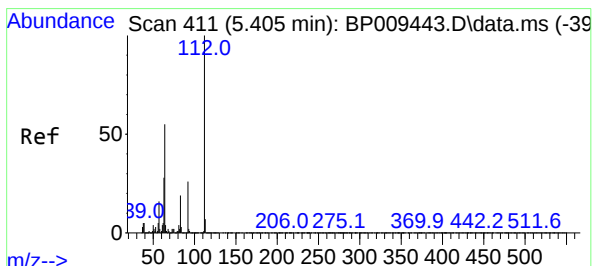
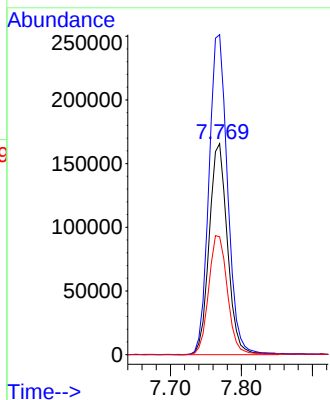
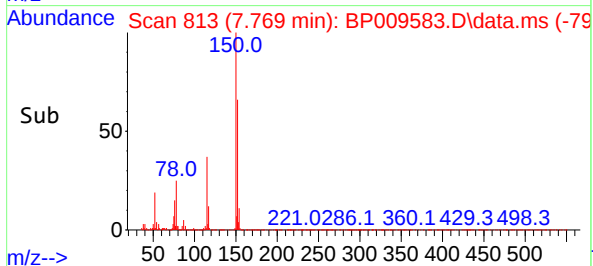
Instrument :
BNA_P
ClientSampleId :
SB-06-4.0-5.0



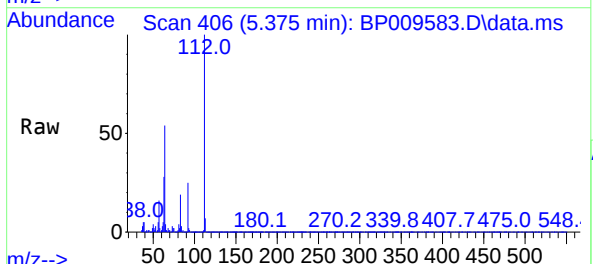
Tgt Ion:152 Resp: 29522
Ion Ratio Lower Upper
152 100
150 151.7 124.5 186.7
115 55.9 48.2 72.4

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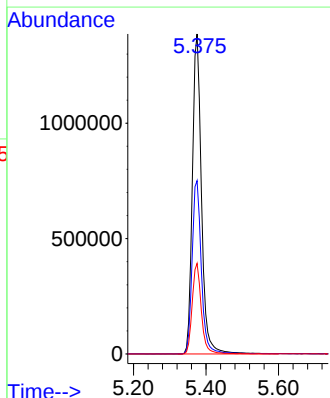
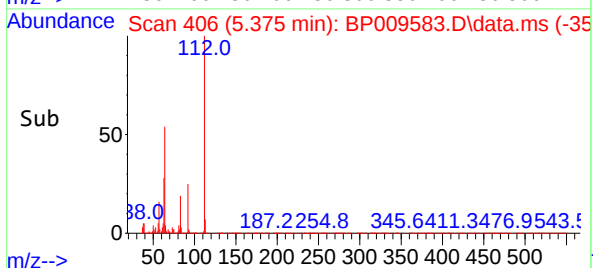
Reviewed By :Christian Giraldo 03/29/2022
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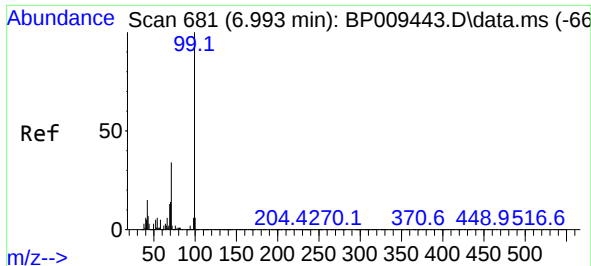


#5
2-Fluorophenol
Concen: 143.470 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05



Tgt Ion:112 Resp: 2425943
Ion Ratio Lower Upper
112 100
64 54.2 45.0 67.4
63 28.3 23.0 34.6





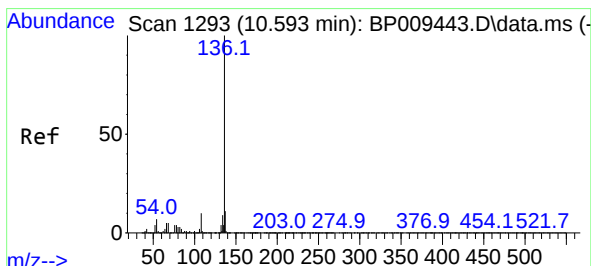
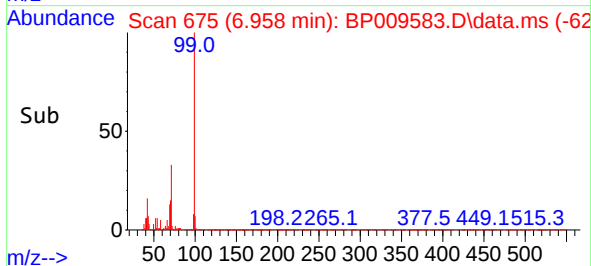
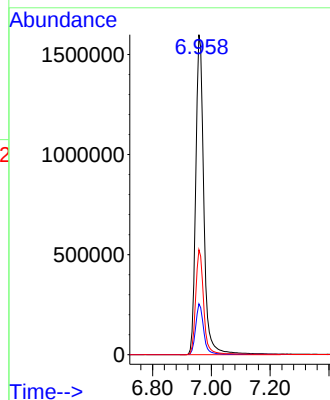
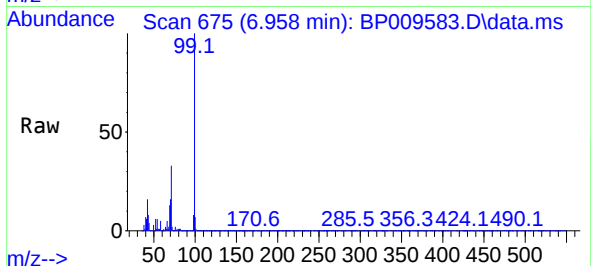
#7
Phenol-d6
Concen: 133.918 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

Instrument :
BNA_P
ClientSampleId :
SB-06-4.0-5.0

Tgt Ion: 99 Resp: 306232
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 32.8 26.3 39.5

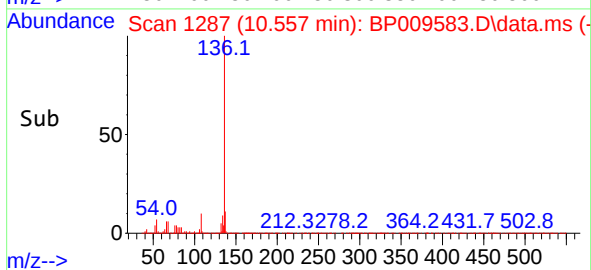
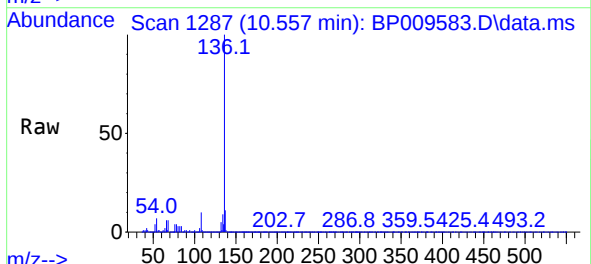
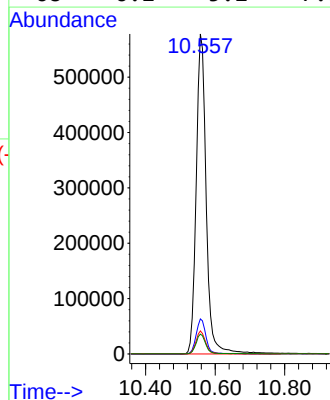
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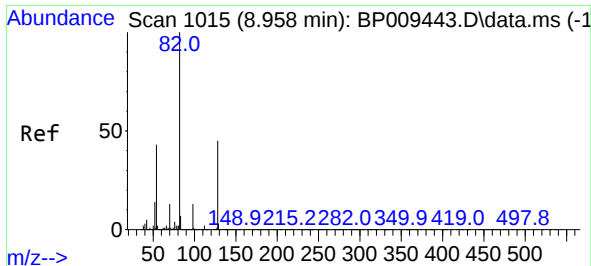
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Supervised By :Jagrut Upadhyay 03/29/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

Tgt Ion:136 Resp: 1155083
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.2 5.8 8.8
68 6.2 5.2 7.8





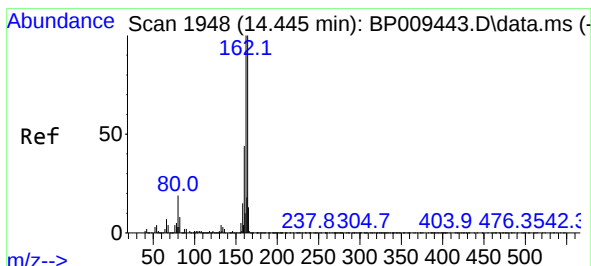
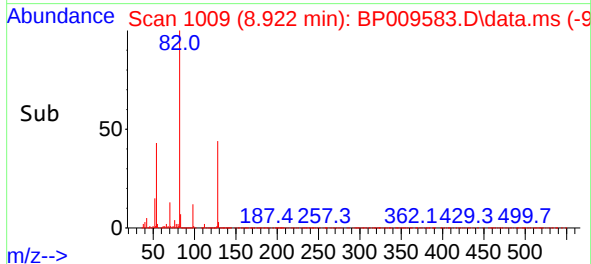
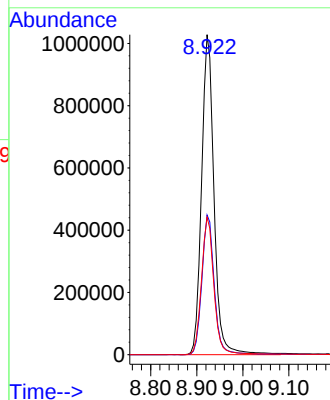
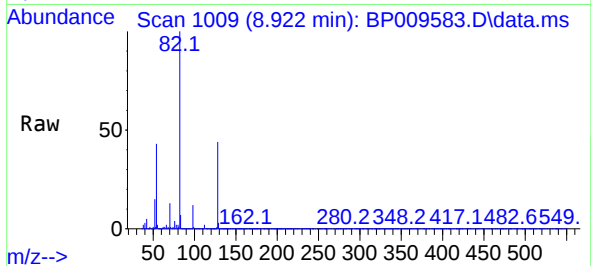
#23
Nitrobenzene-d5
Concen: 89.030 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

Instrument :
BNA_P
ClientSampleId :
SB-06-4.0-5.0

Tgt Ion: 82 Resp: 193518
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 42.9 34.7 52.1

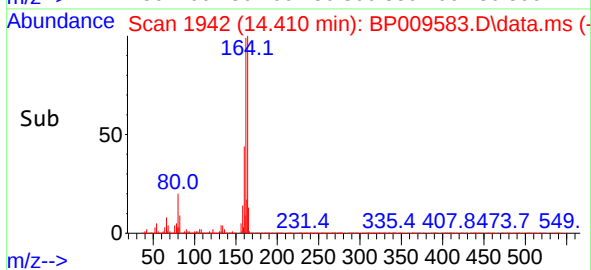
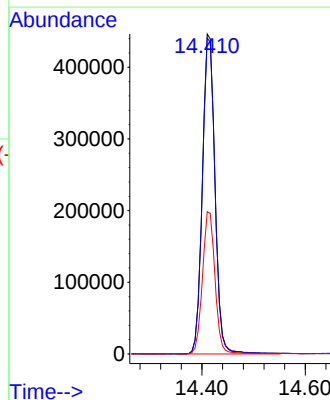
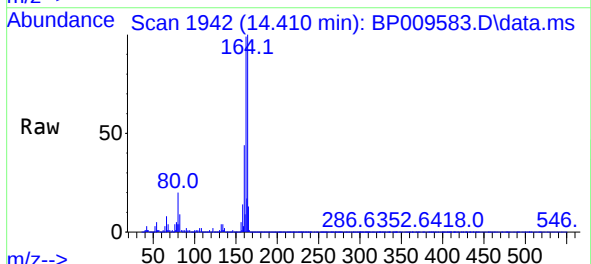
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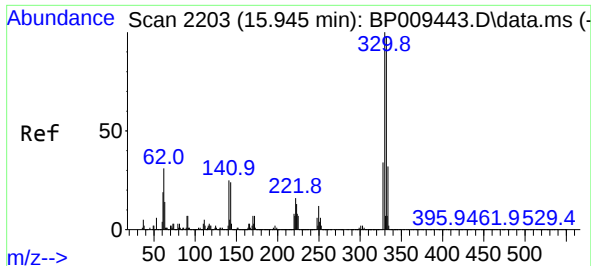
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

Tgt Ion:164 Resp: 752689
Ion Ratio Lower Upper
164 100
162 98.8 79.1 118.7
160 44.5 34.9 52.3





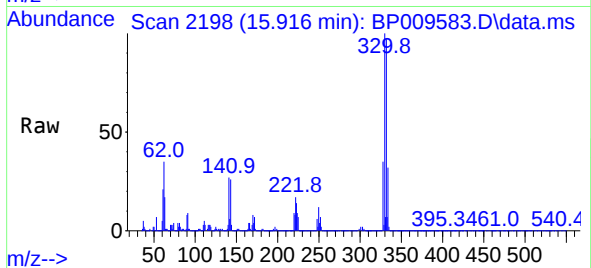
#42
2,4,6-Tribromophenol
Concen: 113.258 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

Instrument :

BNA_P

ClientSampleId :

SB-06-4.0-5.0

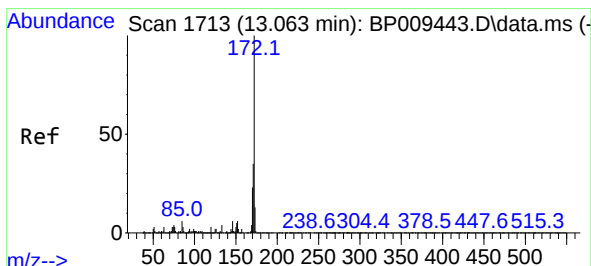
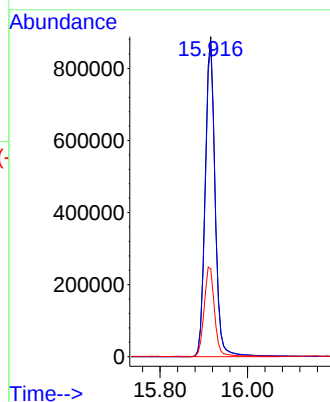
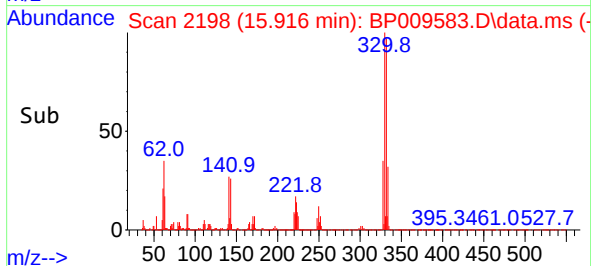


Tgt Ion:330 Resp: 1406740
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 29.4 27.6 41.4

Manual Integrations

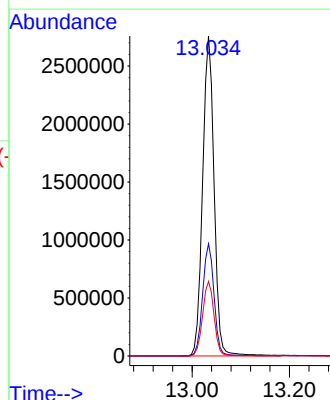
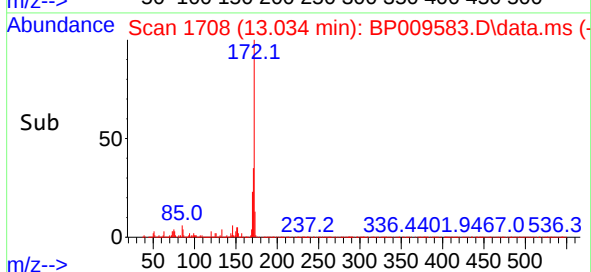
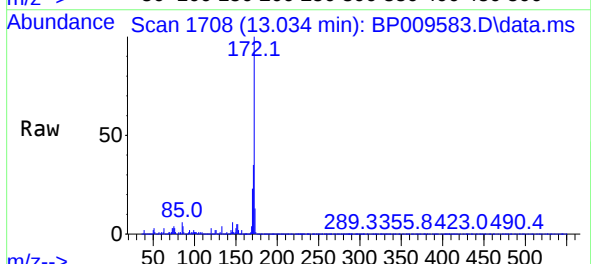
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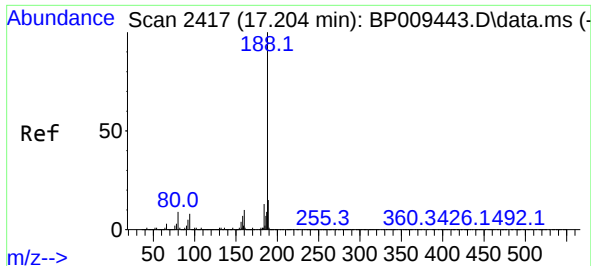
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#45
2-Fluorobiphenyl
Concen: 82.994 ng
RT: 13.034 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

Tgt Ion:172 Resp: 4506166
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.3 18.6 27.8





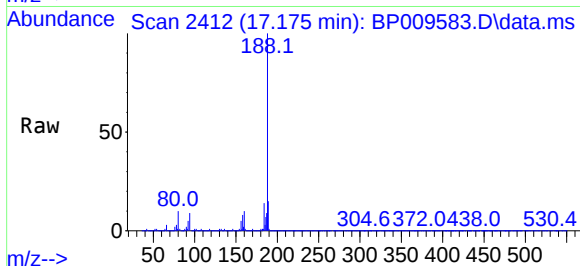
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

Instrument :

BNA_P

ClientSampleId :

SB-06-4.0-5.0

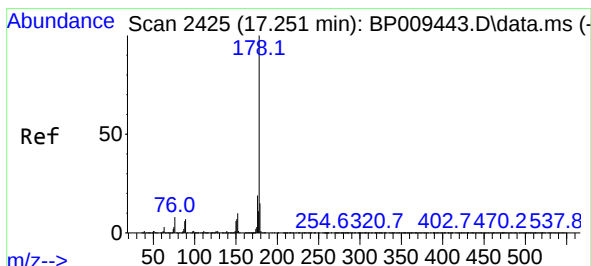
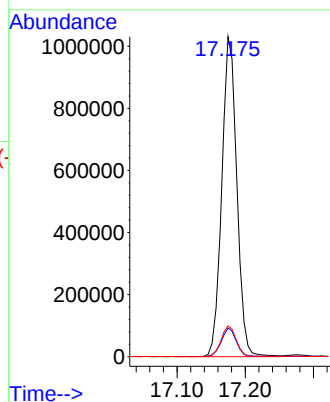
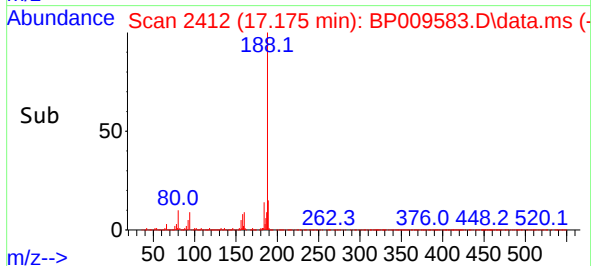


Tgt Ion:188 Resp: 1579918
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.6 8.8 13.2

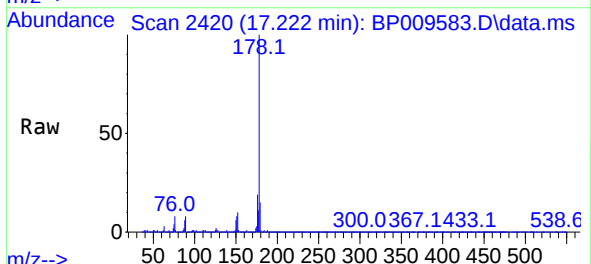
Manual Integrations

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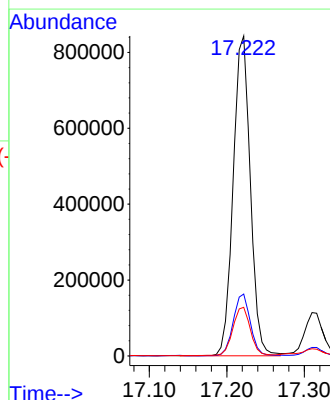
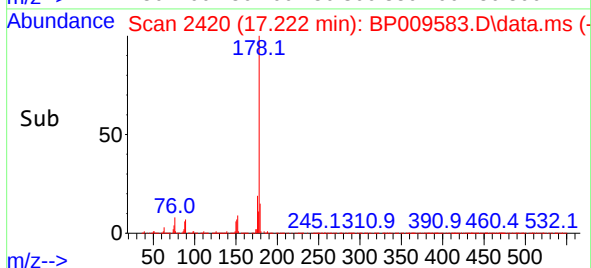
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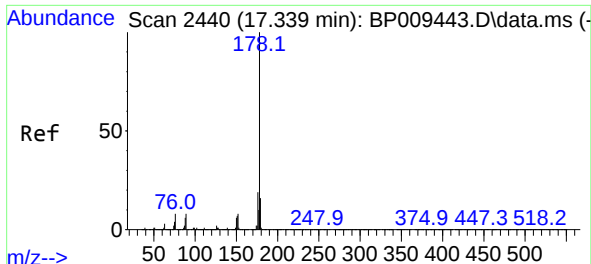


#71
Phenanthrene
Concen: 15.352 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05



Tgt Ion:178 Resp: 1298355
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.2 12.3 18.5





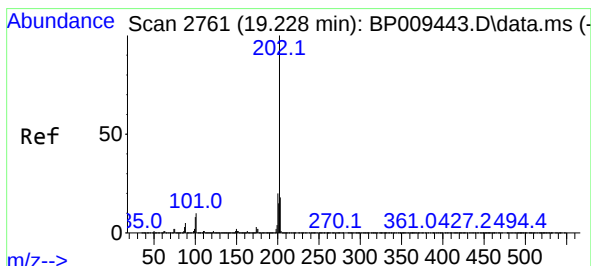
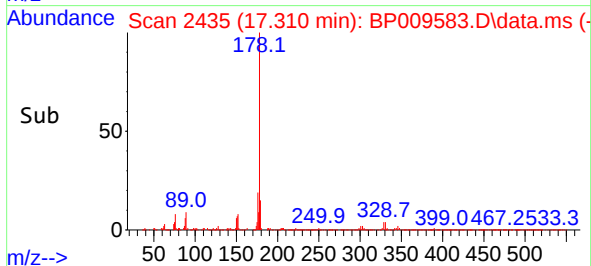
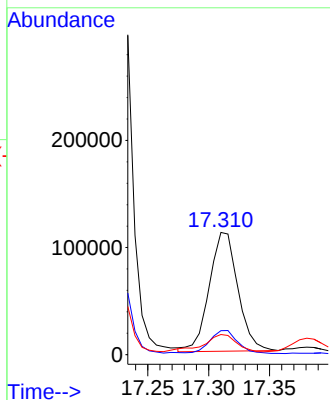
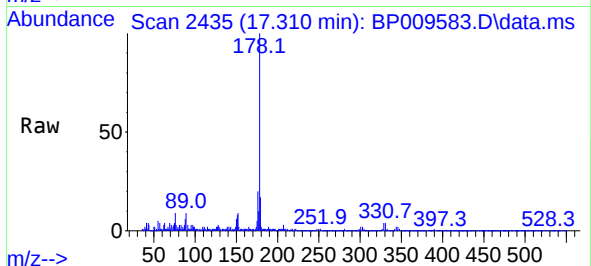
#72
 Anthracene
 Concen: 2.177 ng
 RT: 17.310 min Scan# 2440
 Delta R.T. -0.006 min
 Lab File: BP009583.D
 Acq: 29 Mar 2022 01:05

Instrument :
 BNA_P
 ClientSampleId :
 SB-06-4.0-5.0

Tgt Ion:178 Resp: 18182
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.8 22.2
 179 16.5 12.2 18.4

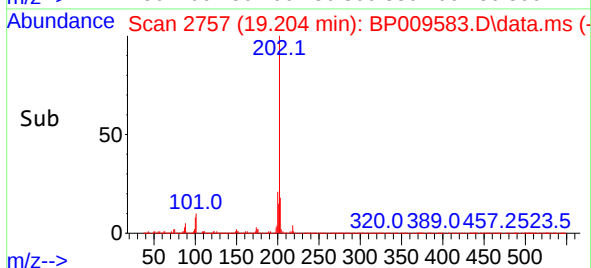
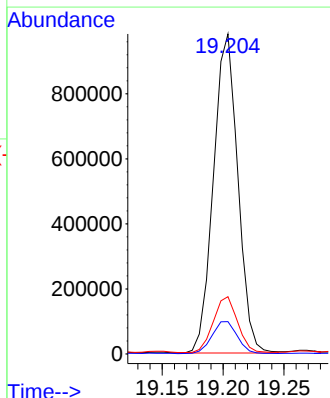
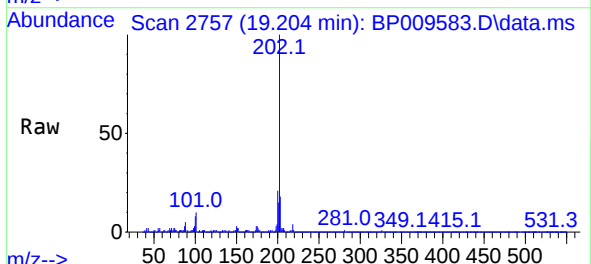
Manual Integrations
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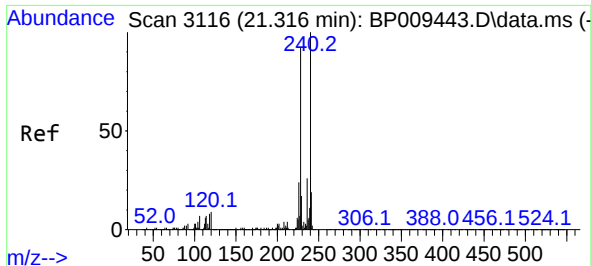
Reviewed By :Christian Giraldo 03/29/2022
 Supervised By :Jagrut Upadhyay 03/29/2022



#75
 Fluoranthene
 Concen: 13.378 ng
 RT: 19.204 min Scan# 2757
 Delta R.T. -0.006 min
 Lab File: BP009583.D
 Acq: 29 Mar 2022 01:05

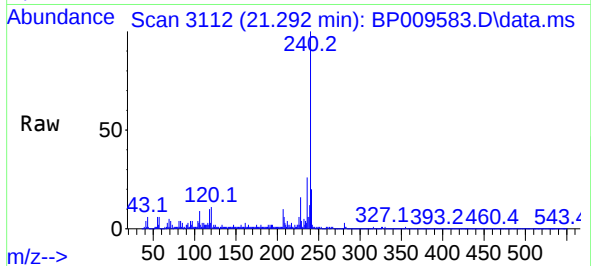
Tgt Ion:202 Resp: 1369798
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.5
 203 17.9 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

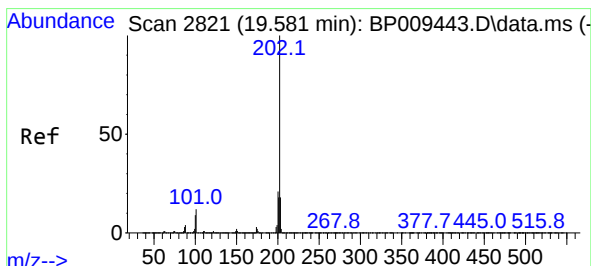
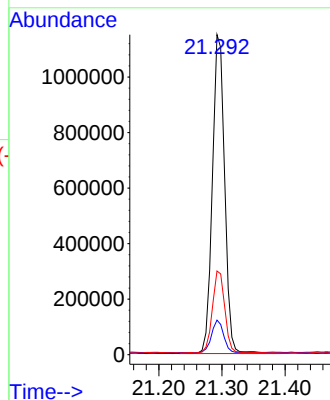
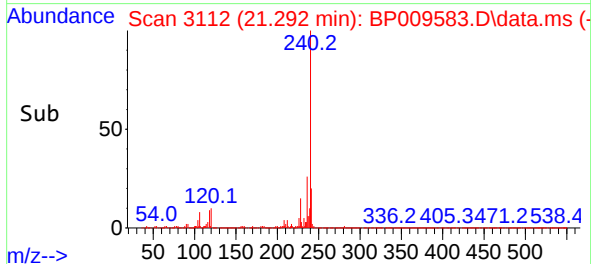
Instrument :
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SB-06-4.0-5.0



Tgt Ion:240 Resp: 1543894
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 26.2 20.6 30.8

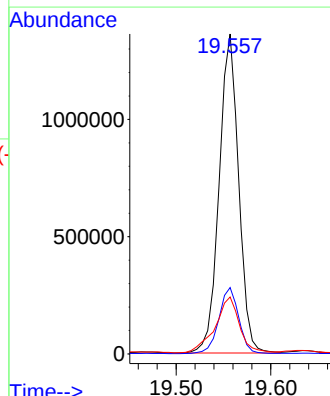
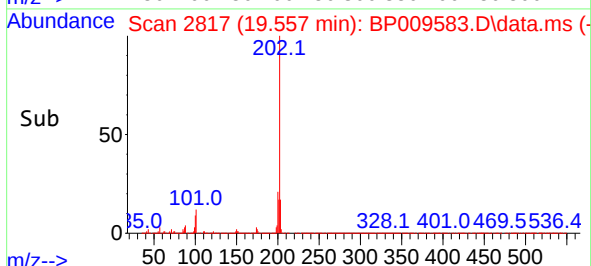
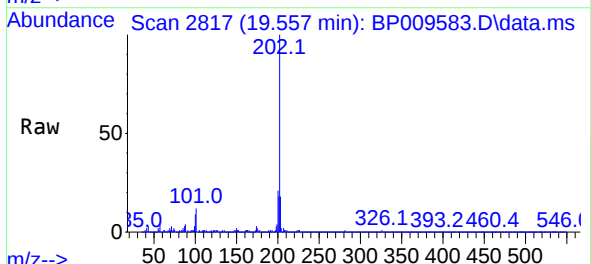
Manual Integrations
APPROVED

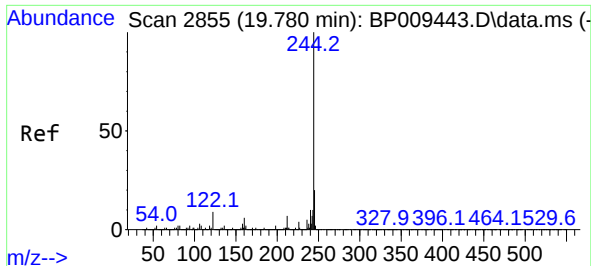
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#78
Pyrene
Concen: 19.179 ng
RT: 19.557 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

Tgt Ion:202 Resp: 1951165
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.8 14.2 21.4





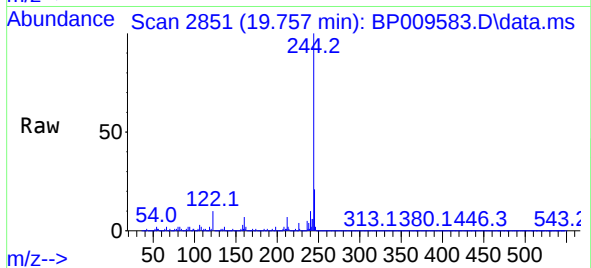
#79
Terphenyl-d14
Concen: 82.540 ng
RT: 19.757 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

Instrument :

BNA_P

ClientSampleId :

SB-06-4.0-5.0

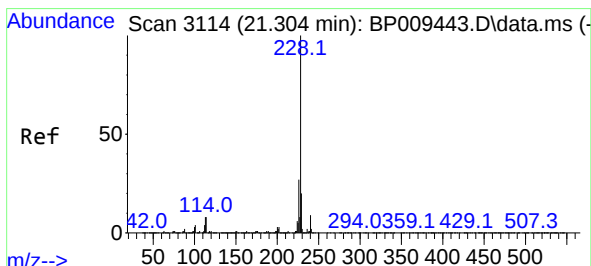
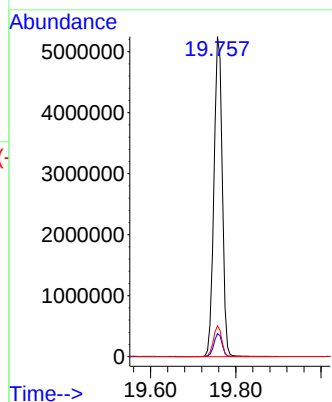
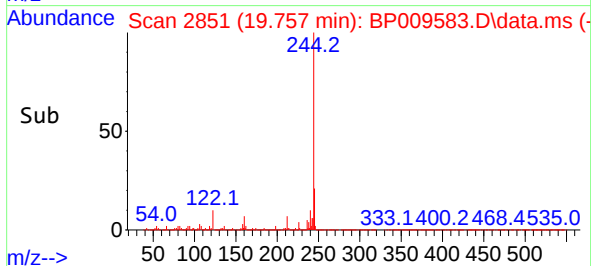


Tgt Ion:244 Resp: 709979
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.7 8.3 12.5

Manual Integrations

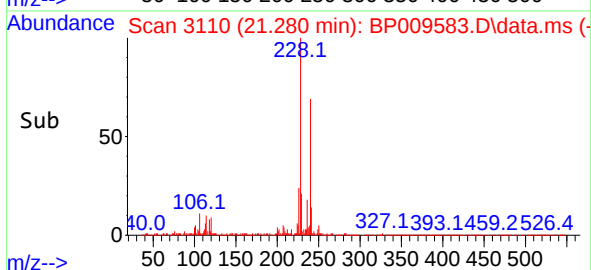
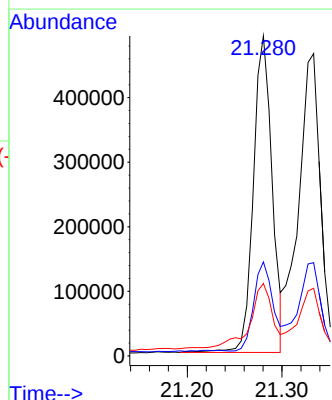
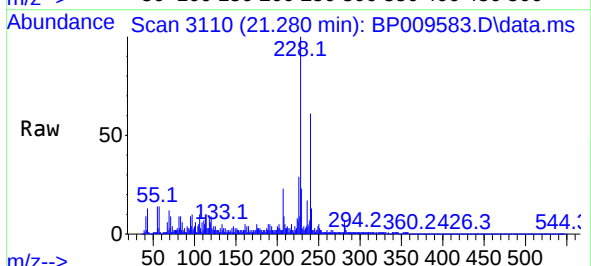
APPROVED

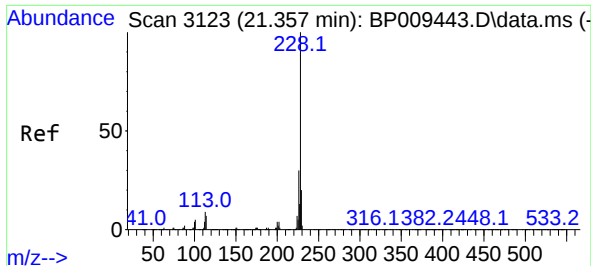
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#81
Benzo(a)anthracene
Concen: 6.636 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

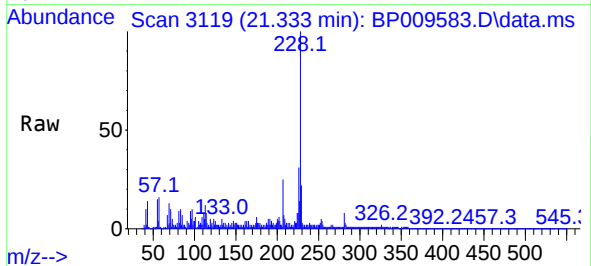
Tgt Ion:228 Resp: 673062
Ion Ratio Lower Upper
228 100
226 29.4 22.0 33.0
229 22.7 16.1 24.1





#83
Chrysene
Concen: 7.814 ng m
RT: 21.333 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

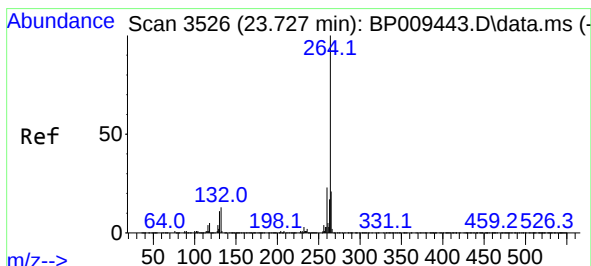
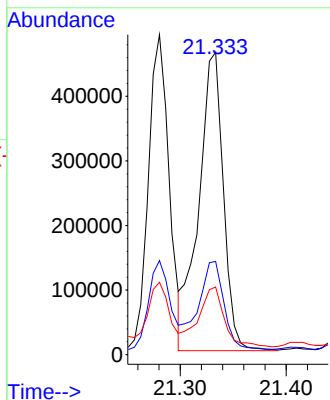
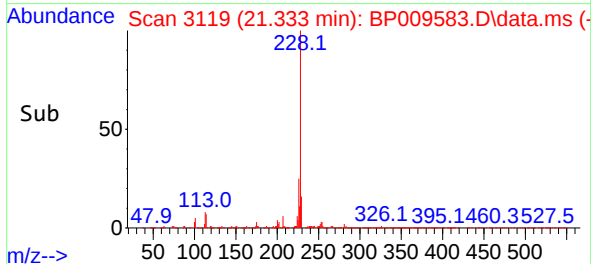
Instrument :
BNA_P
ClientSampleId :
SB-06-4.0-5.0



Tgt Ion:228 Resp: 75055
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 22.4 16.1 24.1

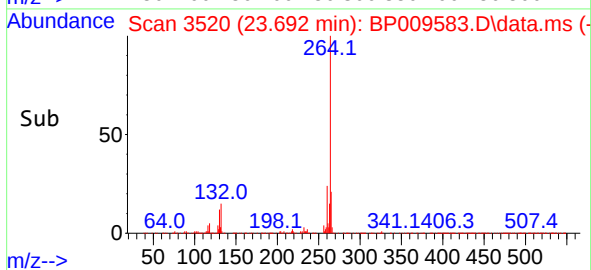
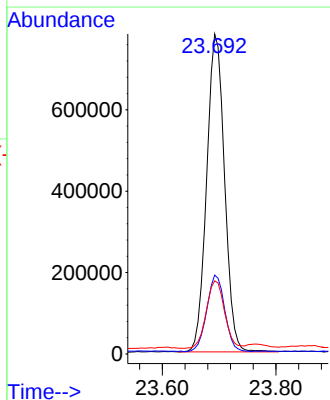
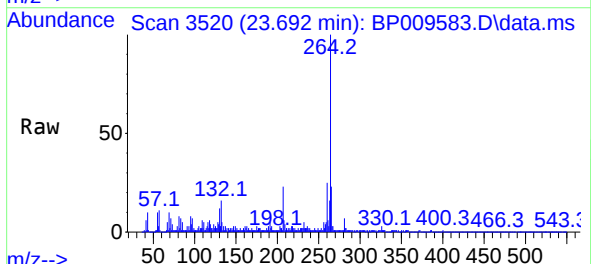
Manual Integrations
APPROVED

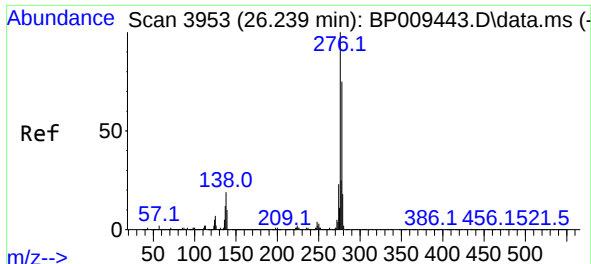
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.692 min Scan# 3520
Delta R.T. -0.000 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

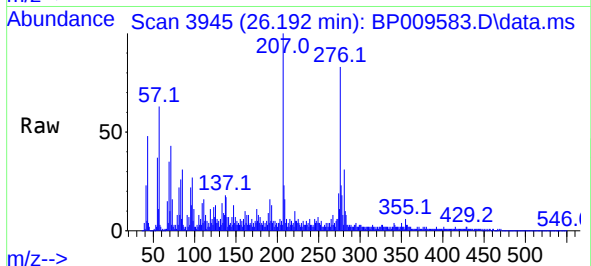
Tgt Ion:264 Resp: 1708461
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.0
265 22.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.870 ng
RT: 26.192 min Scan# 3945
Delta R.T. -0.006 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

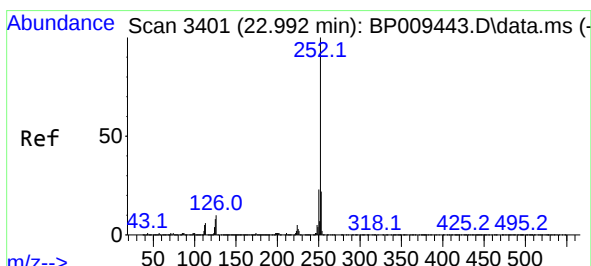
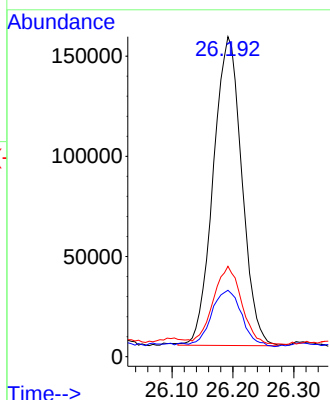
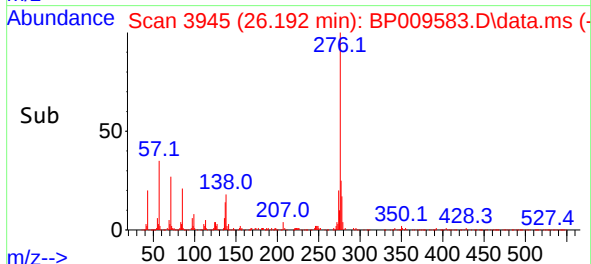
Instrument :
BNA_P
ClientSampleId :
SB-06-4.0-5.0



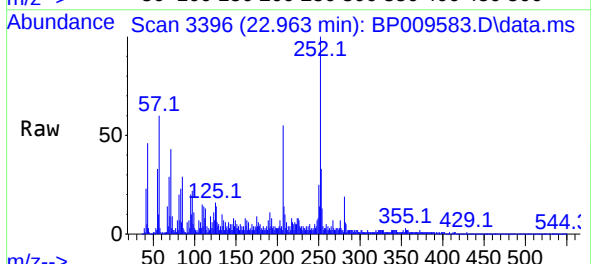
Tgt Ion:276 Resp: 50156
Ion Ratio Lower Upper
276 100
138 19.4 20.5 30.7
277 25.2 20.4 30.6

Manual Integrations
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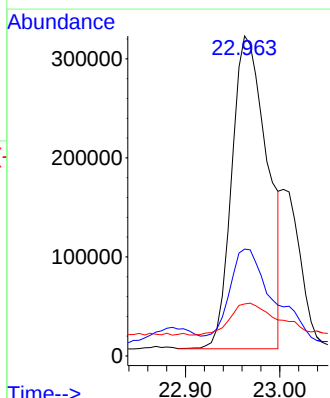
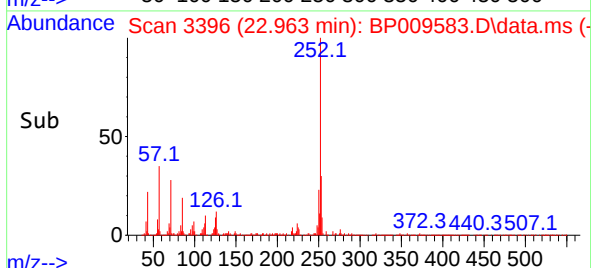
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022

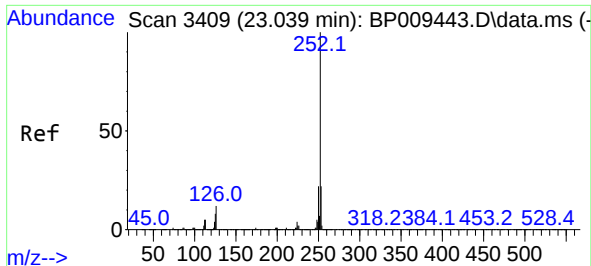


#88
Benzo(b)fluoranthene
Concen: 8.106 ng m
RT: 22.963 min Scan# 3396
Delta R.T. -0.000 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05



Tgt Ion:252 Resp: 826769
Ion Ratio Lower Upper
252 100
253 33.4 17.8 26.8#
125 16.2 8.1 12.1#





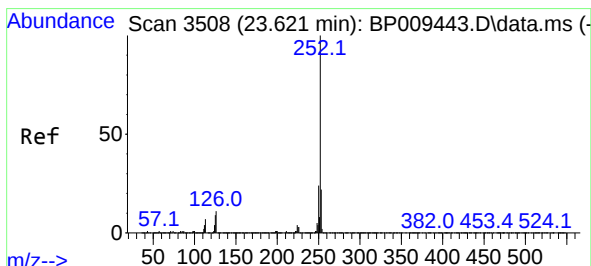
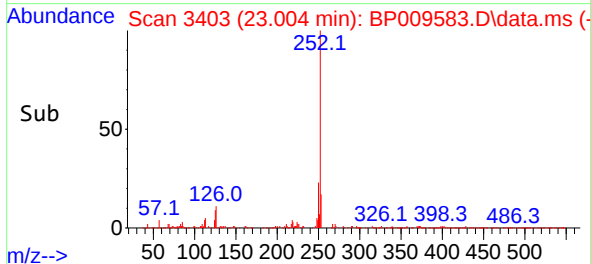
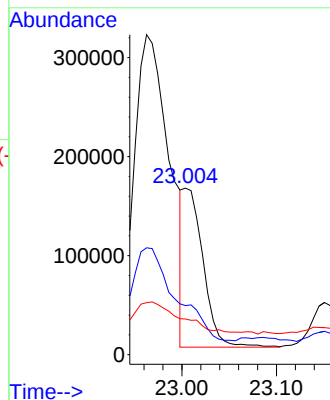
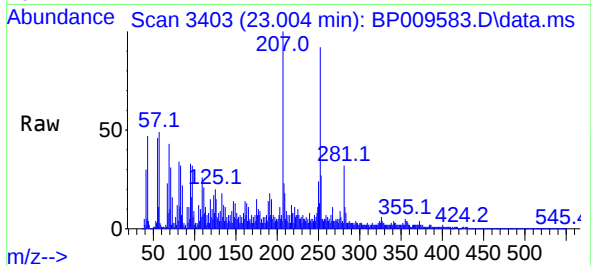
#89
Benzo(k)fluoranthene
Concen: 2.346 ng m
RT: 23.004 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

Instrument :
BNA_P
ClientSampleId :
SB-06-4.0-5.0

Tgt Ion:252 Resp: 234315
Ion Ratio Lower Upper
252 100
253 29.5 17.5 26.3
125 21.4 8.3 12.5

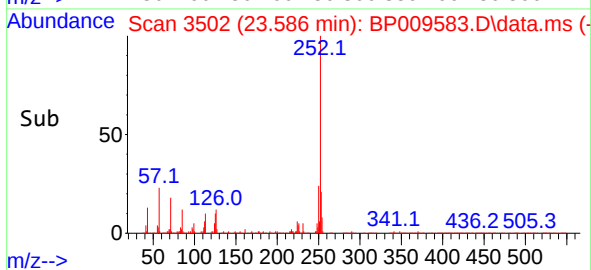
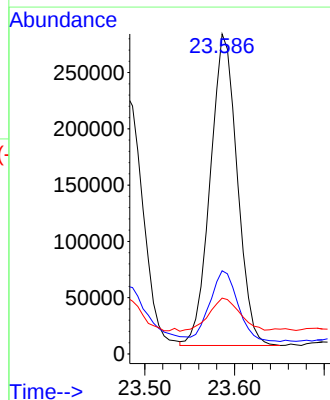
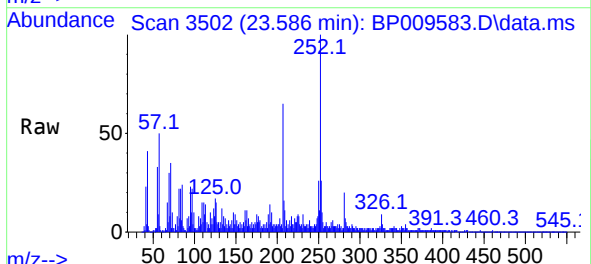
Manual Integrations
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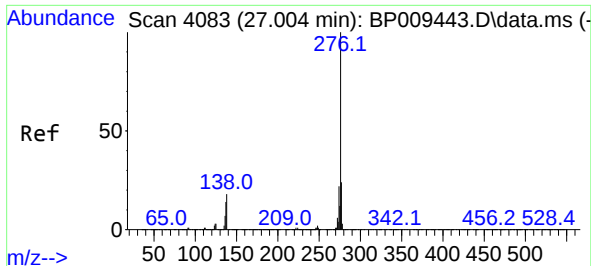
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#90
Benzo(a)pyrene
Concen: 6.610 ng
RT: 23.586 min Scan# 3502
Delta R.T. -0.000 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

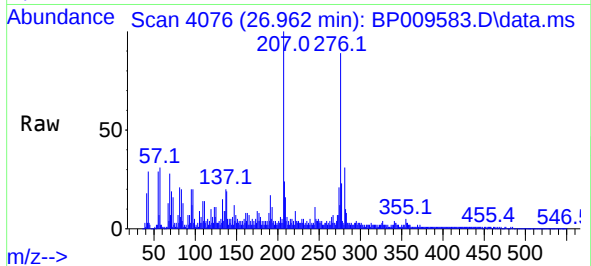
Tgt Ion:252 Resp: 576818
Ion Ratio Lower Upper
252 100
253 26.0 17.8 26.6
125 17.4 9.3 13.9





#92
Benzo(g,h,i)perylene
Concen: 5.767 ng
RT: 26.962 min Scan# 4083
Delta R.T. 0.012 min
Lab File: BP009583.D
Acq: 29 Mar 2022 01:05

Instrument :
BNA_P
ClientSampleId :
SB-06-4.0-5.0



Tgt Ion: 276 Resp: 61283
Ion Ratio Lower Upper
276 100
277 25.9 19.2 28.8
138 20.9 18.0 27.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/29/2022
Supervised By : Jagrut Upadhyay 03/29/2022

