

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
 Data File : BP009426.D
 Acq On : 16 Mar 2022 17:12
 Operator : CG/JU
 Sample : N1952-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CON-2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/17/2022
 Supervised By : Jagrut Upadhyay 03/17/2022

Quant Time: Mar 17 01:09:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	482698	20.000	ng	-0.02
21) Naphthalene-d8	10.599	136	1894768	20.000	ng	-0.02
39) Acenaphthene-d10	14.451	164	1070234	20.000	ng	-0.01
64) Phenanthrene-d10	17.210	188	1807123	20.000	ng	-0.01
76) Chrysene-d12	21.339	240	1599099	20.000	ng	0.01
86) Perylene-d12	23.780	264	1838287	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3352463	101.379	ng	0.00
7) Phenol-d6	7.005	99	4511584	107.359	ng	0.02
23) Nitrobenzene-d5	8.963	82	2939345	85.443	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	1529730	118.372	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	7097640	91.202	ng	-0.01
79) Terphenyl-d14	19.792	244	7793371	91.971	ng	0.00
Target Compounds						Qvalue
60) Diethylphthalate	15.281	149	271094	3.527	ng	98
75) Fluoranthene	19.233	202	339983	2.836	ng	89
78) Pyrene	19.592	202	435293	4.032	ng	# 91
83) Chrysene	21.369	228	237169	2.254	ng	# 67
88) Benzo(b)fluoranthene	23.039	252	500489m	4.032	ng	
90) Benzo(a)pyrene	23.668	252	365980	3.109	ng	# 1
92) Benzo(g,h,i)perylene	27.092	276	241828	2.021	ng	# 46

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

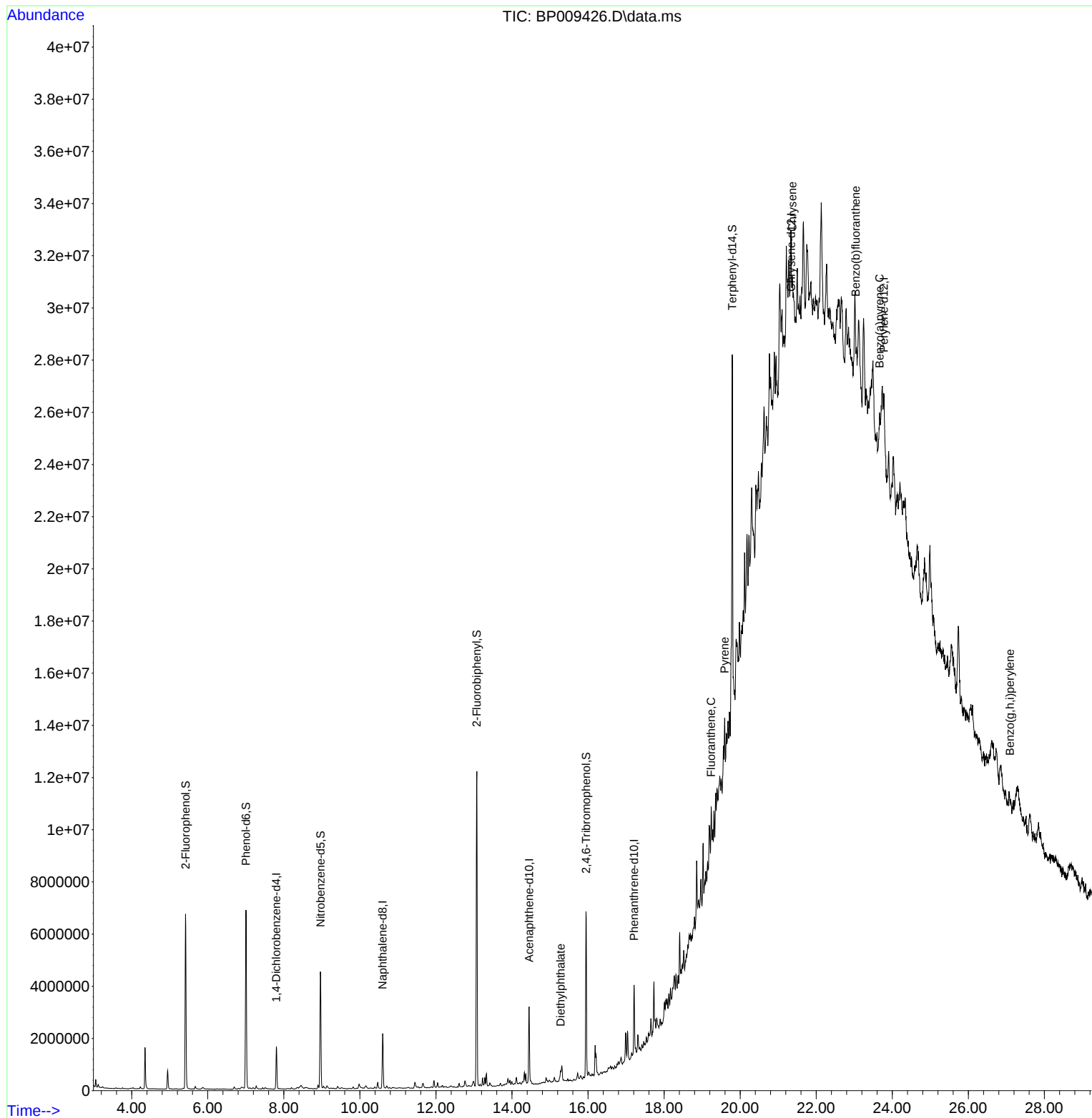
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
Data File : BP009426.D
Acq On : 16 Mar 2022 17:12
Operator : CG/JU
Sample : N1952-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

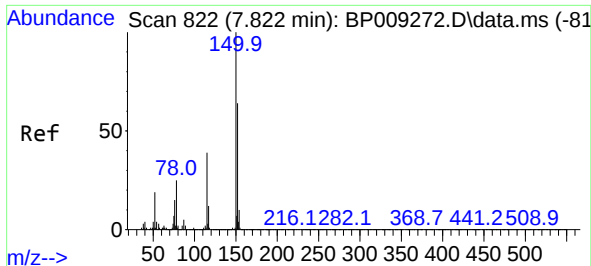
Instrument :
BNA_P
ClientSampleId :
CON-2

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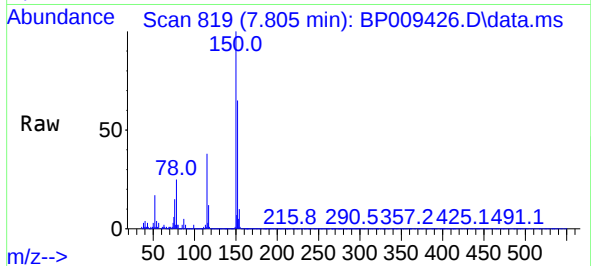
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

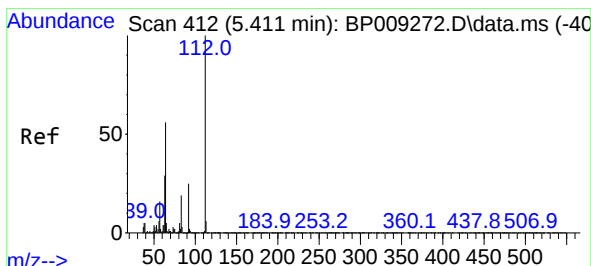
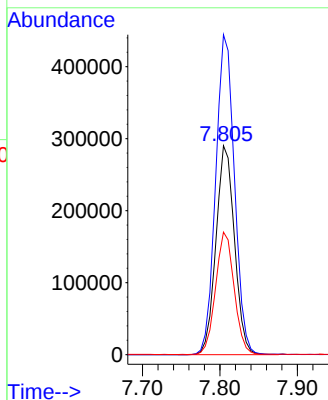
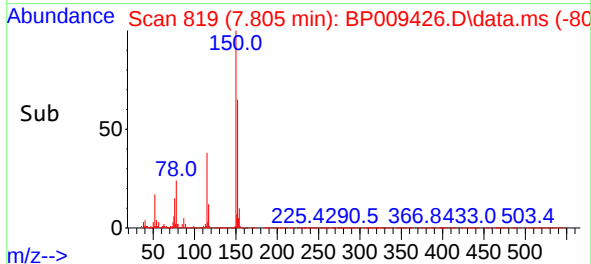
Instrument :
BNA_P
ClientSampleId :
CON-2



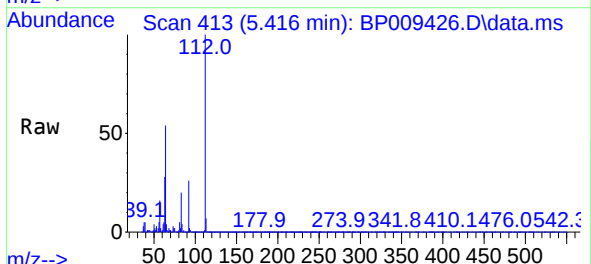
Tgt Ion:152 Resp: 482698
Ion Ratio Lower Upper
152 100
150 153.2 124.5 186.7
115 58.7 48.2 72.4

Manual Integrations
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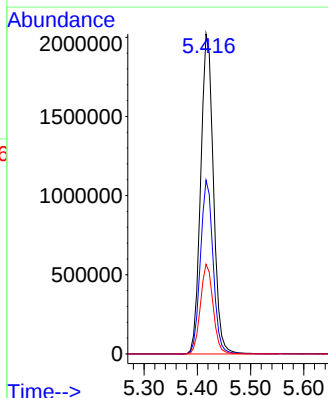
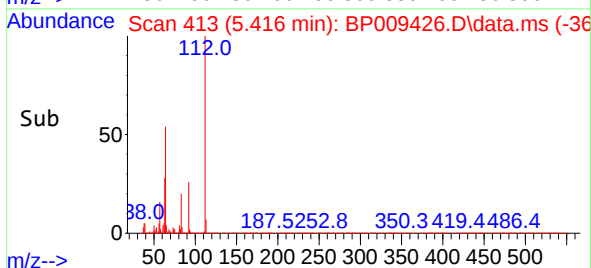
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

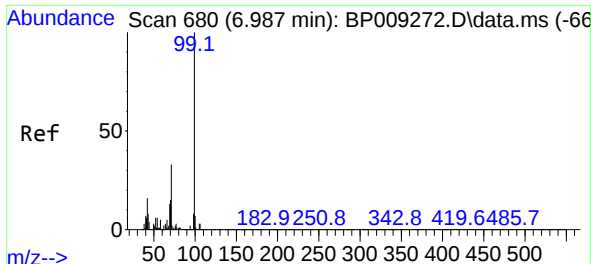


#5
2-Fluorophenol
Concen: 101.379 ng
RT: 5.416 min Scan# 413
Delta R.T. 0.005 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12



Tgt Ion:112 Resp: 3352463
Ion Ratio Lower Upper
112 100
64 54.3 45.0 67.4
63 28.0 23.0 34.6





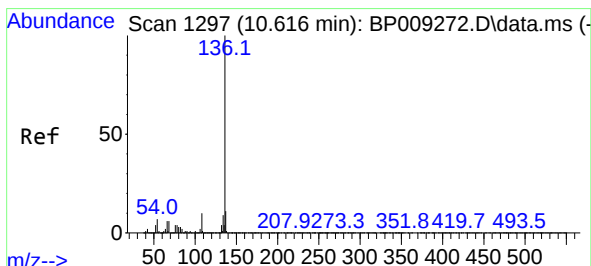
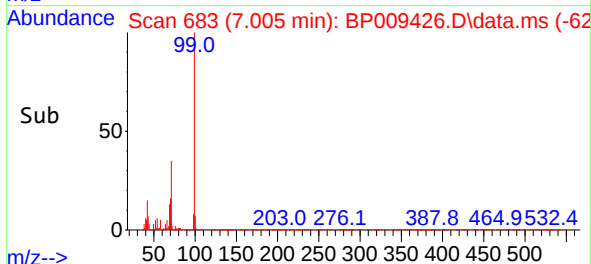
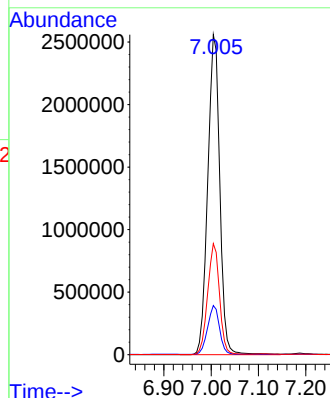
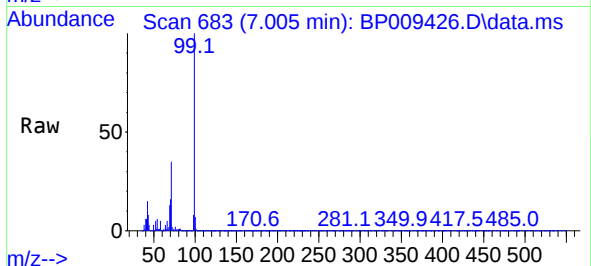
#7
Phenol-d6
Concen: 107.359 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

Instrument :
BNA_P
ClientSampleId :
CON-2

Tgt Ion: 99 Resp: 4511584
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 34.7 26.3 39.5

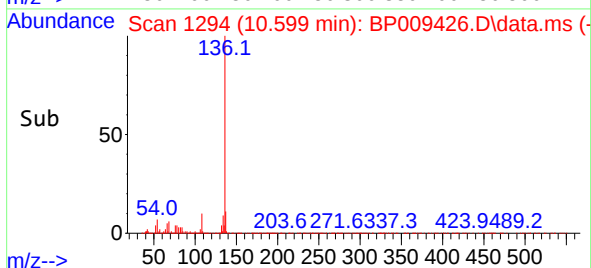
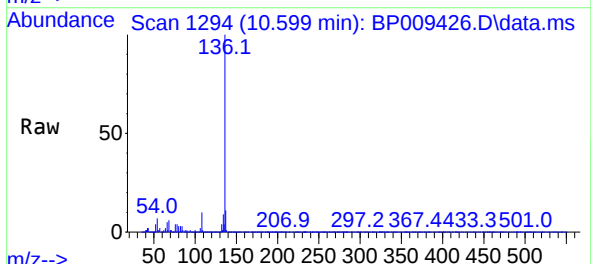
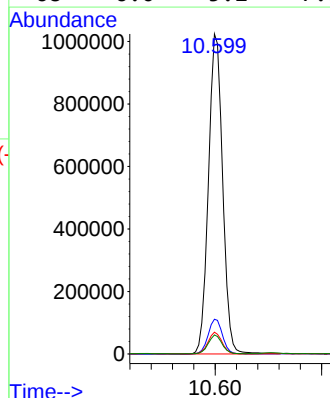
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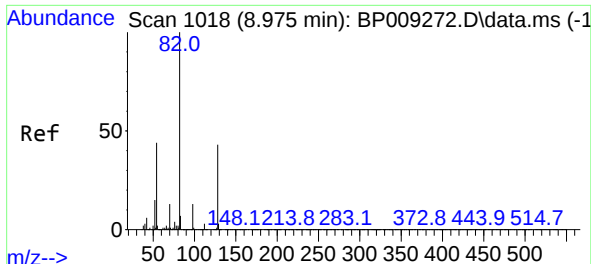
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.018 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

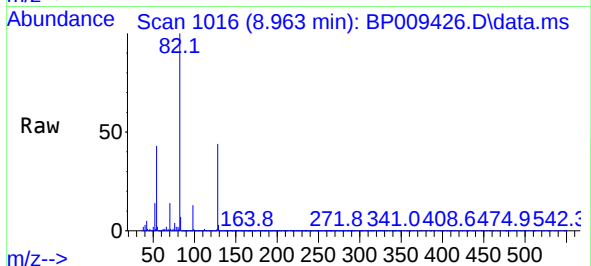
Tgt Ion:136 Resp: 1894768
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.8 5.8 8.8
68 6.0 5.2 7.8





#23
Nitrobenzene-d5
Concen: 85.443 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

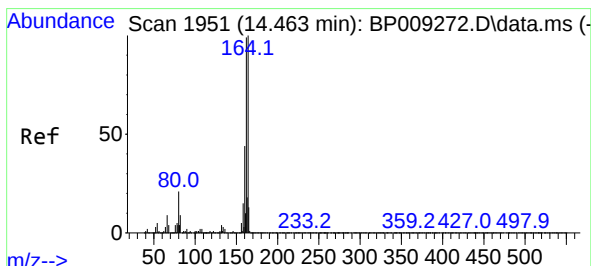
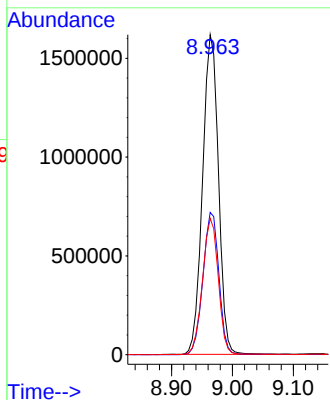
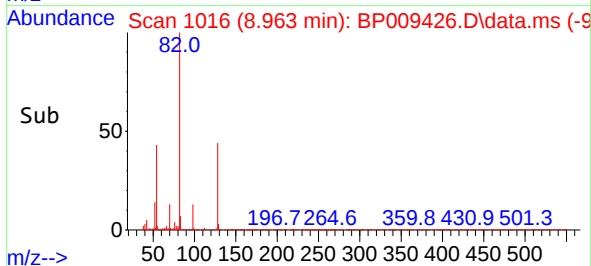
Instrument :
BNA_P
ClientSampleId :
CON-2



Tgt Ion: 82 Resp: 293934
Ion Ratio Lower Upper
82 100
128 44.5 34.2 51.4
54 42.6 34.7 52.1

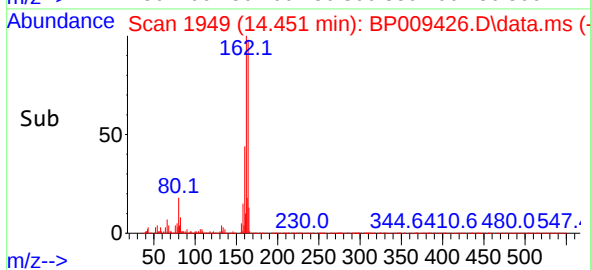
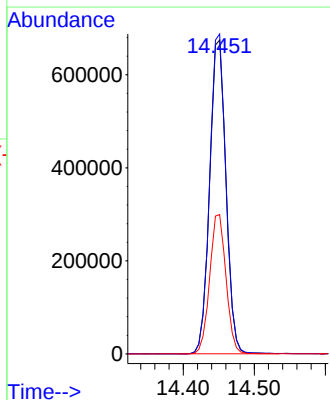
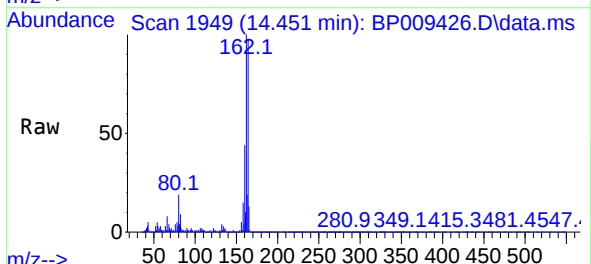
Manual Integrations
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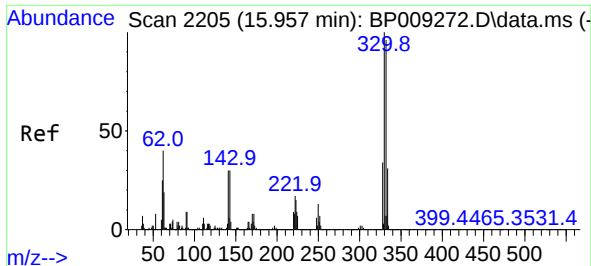
Reviewed By :Christian Giraldo 03/17/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

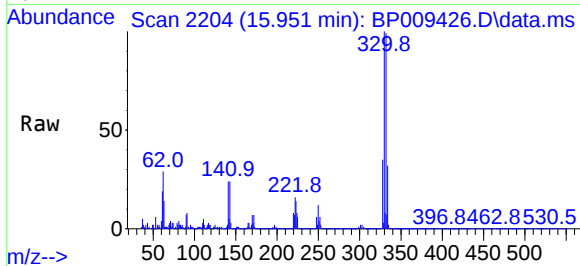
Tgt Ion:164 Resp: 1070234
Ion Ratio Lower Upper
164 100
162 101.9 79.1 118.7
160 44.4 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 118.372 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

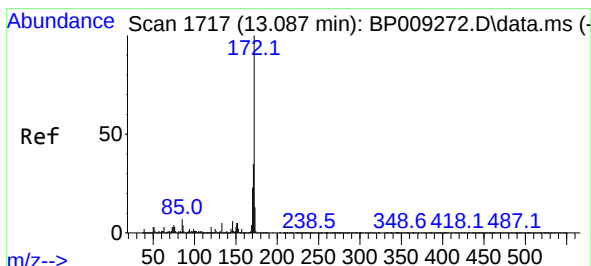
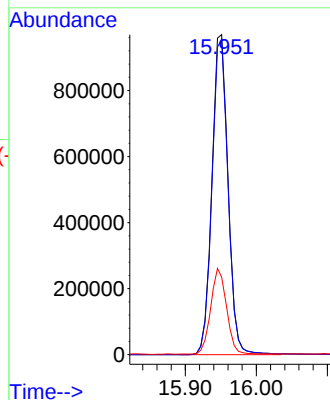
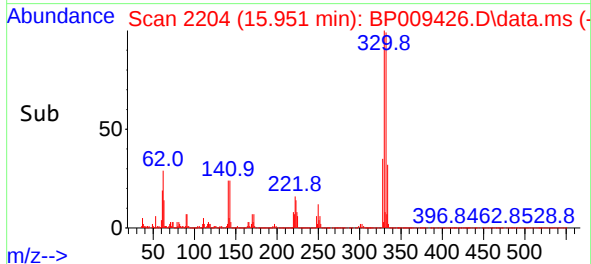
Instrument :
BNA_P
ClientSampleId :
CON-2



Tgt Ion:330 Resp: 1529730
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.6
141 26.3 27.6 41.4

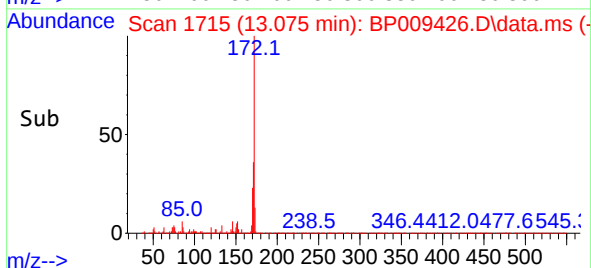
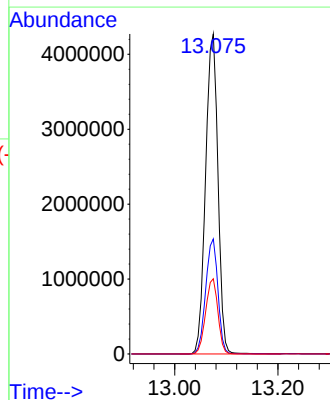
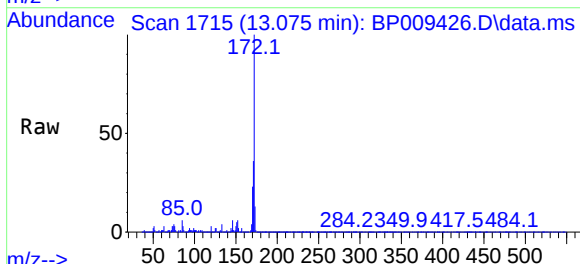
Manual Integrations
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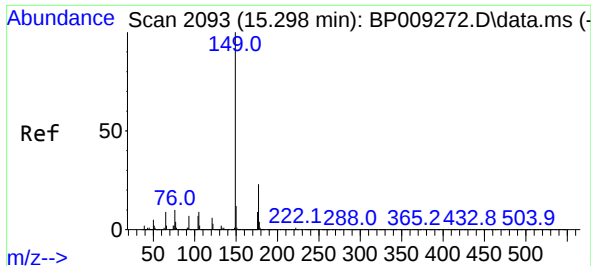
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#45
2-Fluorobiphenyl
Concen: 91.202 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

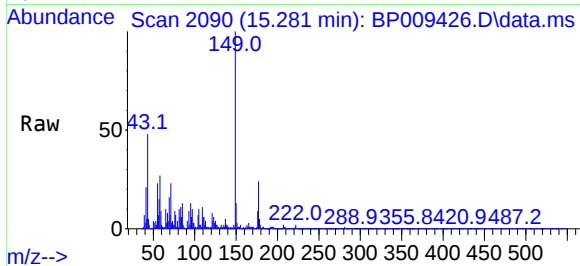
Tgt Ion:172 Resp: 7097640
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 23.5 18.6 27.8





#60
Diethylphthalate
Concen: 3.527 ng
RT: 15.281 min Scan# 2090
Delta R.T. -0.018 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

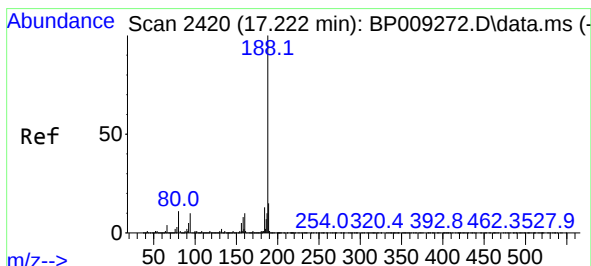
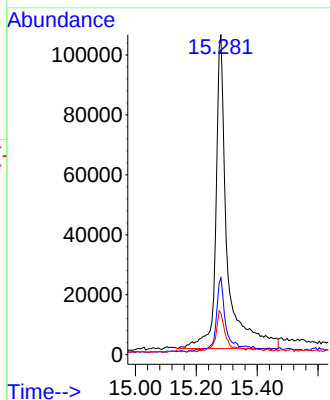
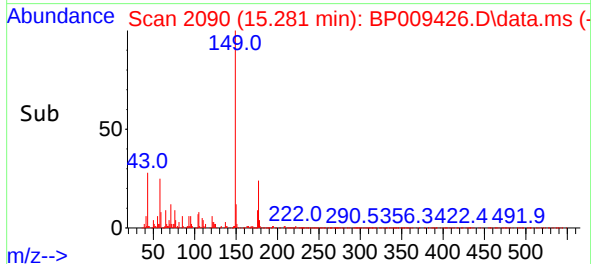
Instrument :
BNA_P
ClientSampleId :
CON-2



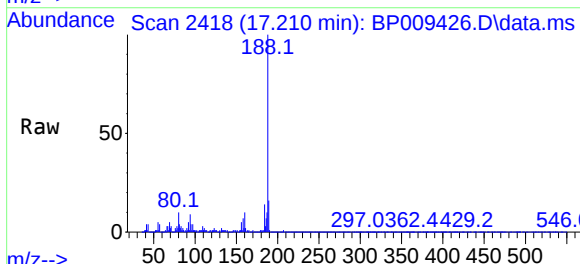
Tgt Ion:149 Resp: 271094
Ion Ratio Lower Upper
149 100
177 24.1 18.2 27.2
150 13.0 9.9 14.9

Manual Integrations
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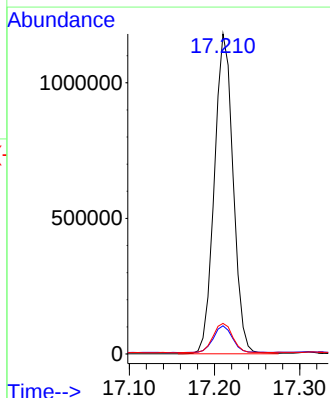
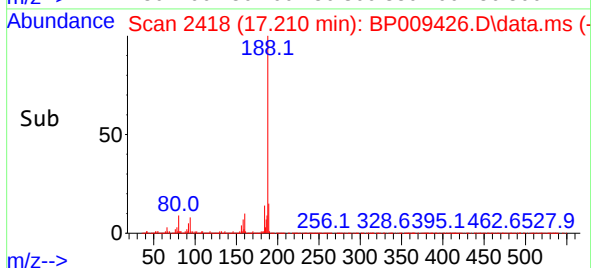
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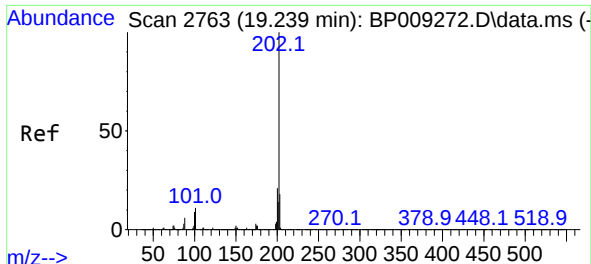


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12



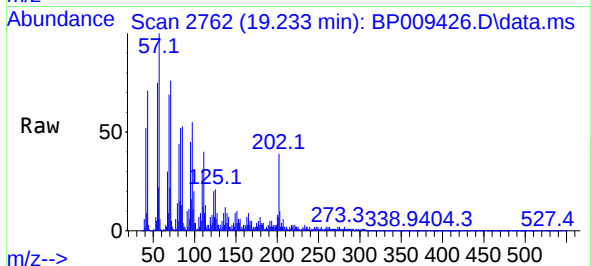
Tgt Ion:188 Resp: 1807123
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.6 8.8 13.2





#75
Fluoranthene
Concen: 2.836 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

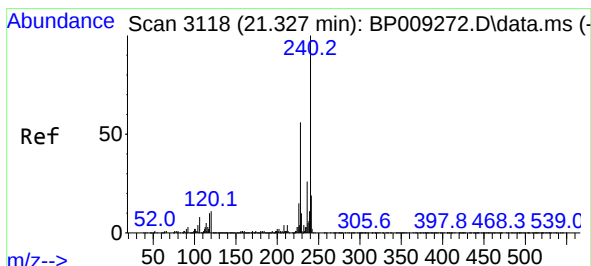
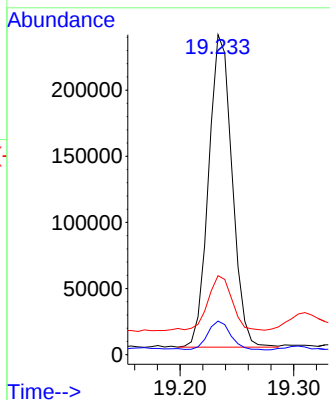
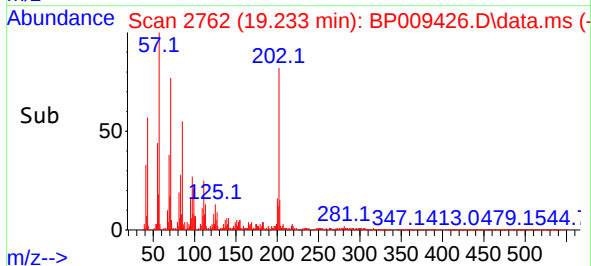
Instrument :
BNA_P
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CON-2



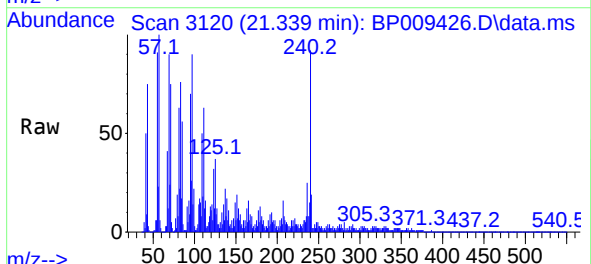
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Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.5
203 24.7 0.0 37.8

Manual Integrations
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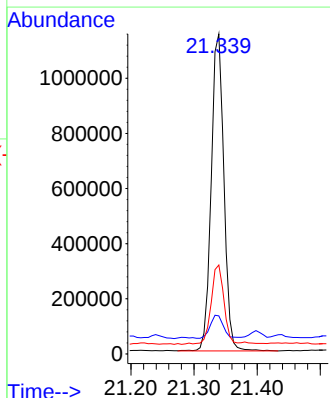
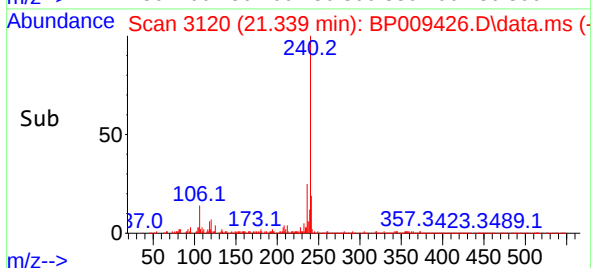
Reviewed By :Christian Giraldo 03/17/2022
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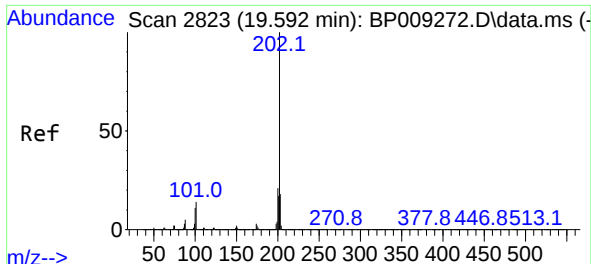


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.012 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12



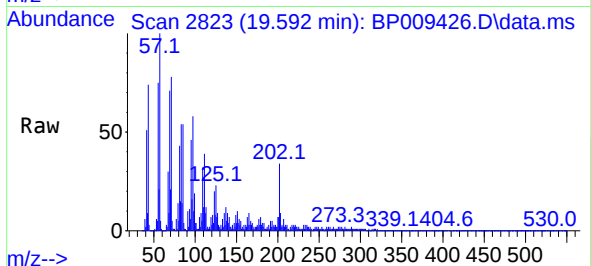
Tgt Ion:240 Resp: 1599099
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.4
236 27.8 20.6 30.8





#78
Pyrene
Concen: 4.032 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

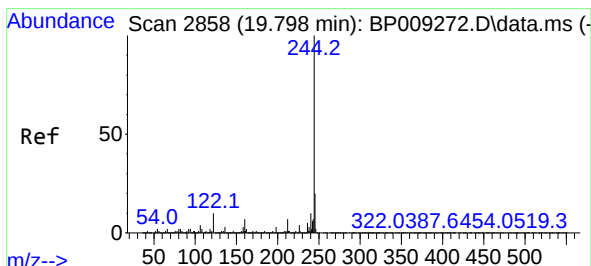
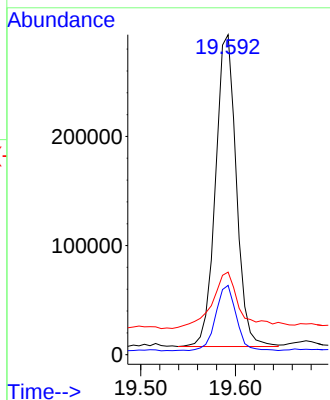
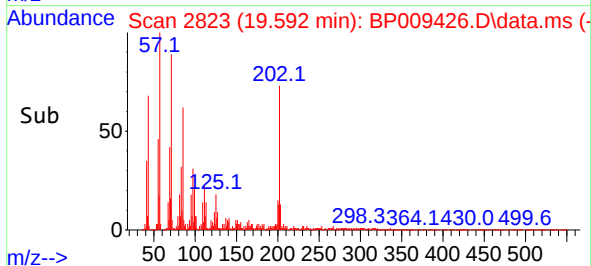
Instrument :
BNA_P
ClientSampleId :
CON-2



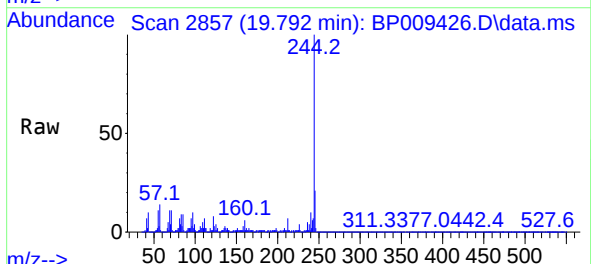
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Ion Ratio Lower Upper
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203 25.8 14.2 21.4

Manual Integrations
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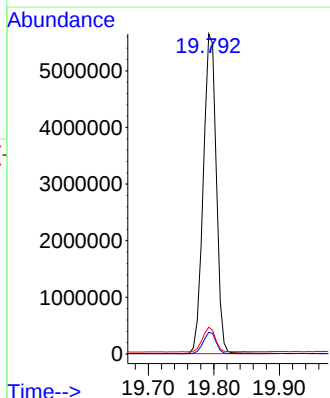
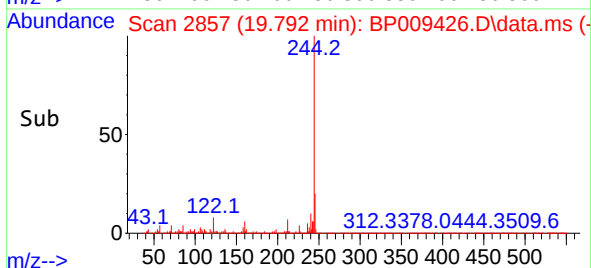
Reviewed By :Christian Giraldo 03/17/2022
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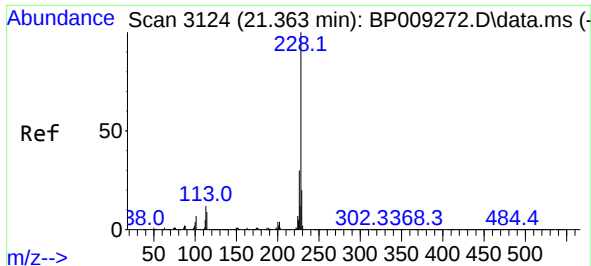


#79
Terphenyl-d14
Concen: 91.971 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12



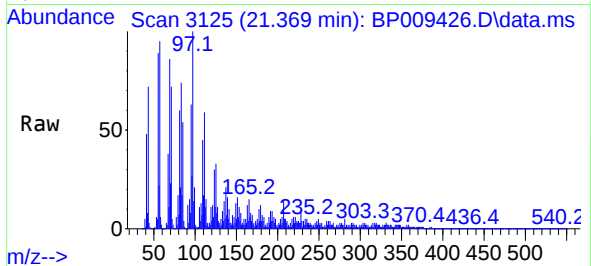
Tgt Ion:244 Resp: 7793371
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 8.4 8.3 12.5





#83
Chrysene
Concen: 2.254 ng
RT: 21.369 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

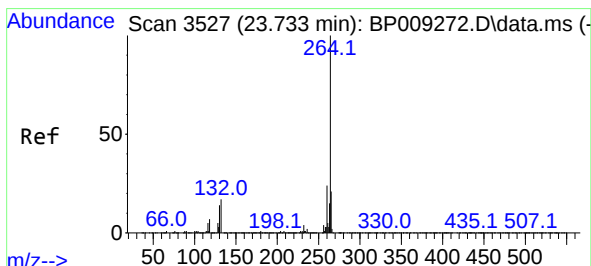
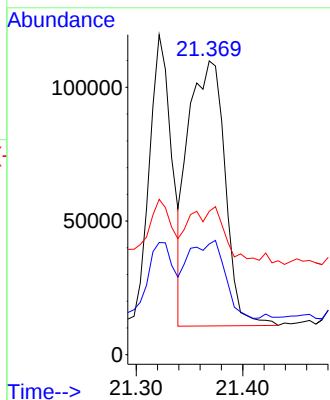
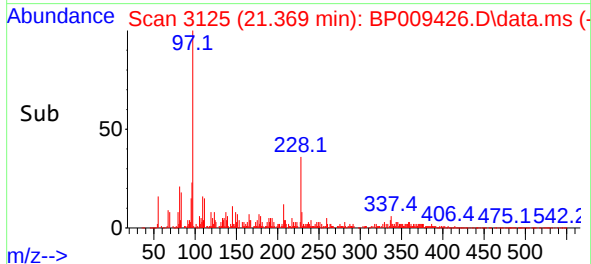
Instrument :
BNA_P
ClientSampleId :
CON-2



Tgt Ion:228 Resp: 237169
Ion Ratio Lower Upper
228 100
226 37.7 24.2 36.2
229 48.8 16.1 24.1

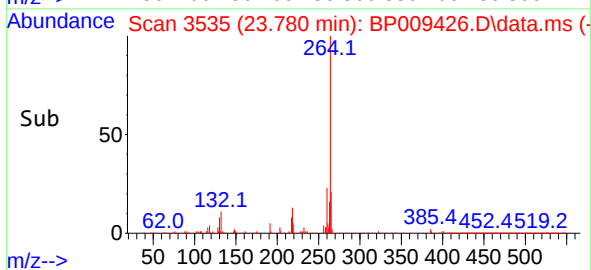
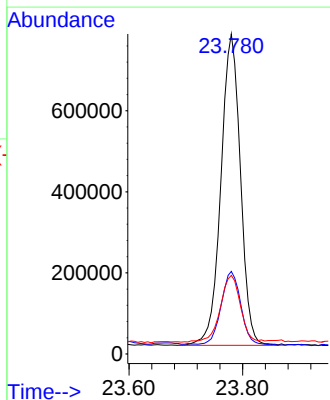
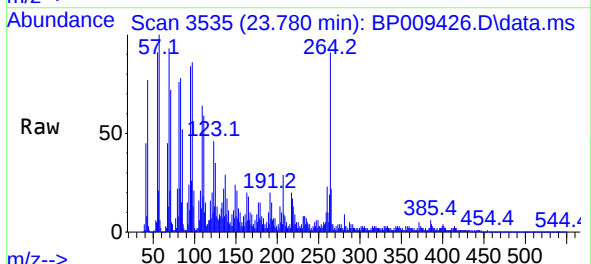
Manual Integrations
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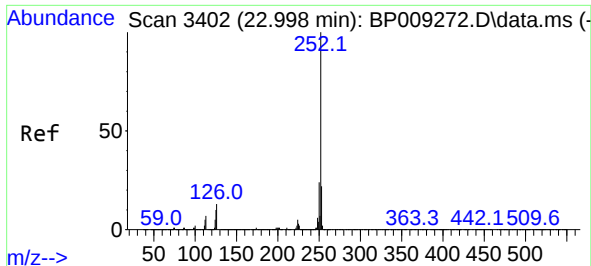
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3535
Delta R.T. 0.047 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

Tgt Ion:264 Resp: 1838287
Ion Ratio Lower Upper
264 100
260 25.8 19.4 29.0
265 24.6 17.2 25.8





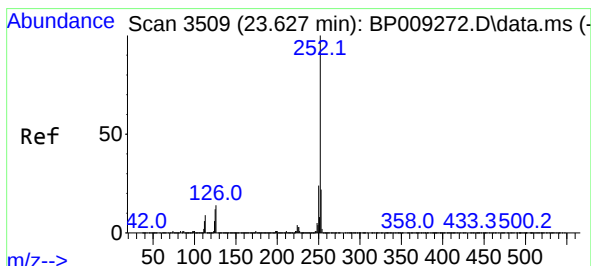
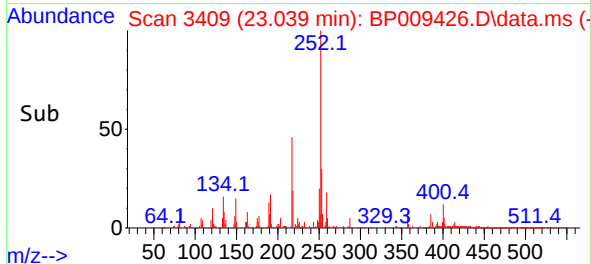
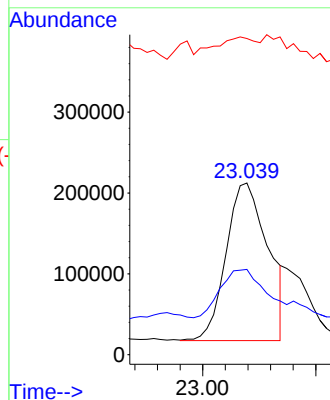
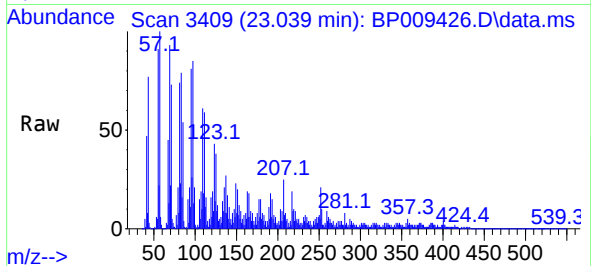
#88
Benzo(b)fluoranthene
Concen: 4.032 ng m
RT: 23.039 min Scan# 3402
Delta R.T. 0.041 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

Instrument :
BNA_P
ClientSampleId :
CON-2

Tgt Ion:252 Resp: 500489
Ion Ratio Lower Upper
252 100
253 49.7 17.8 26.8#
125 184.3 8.1 12.1#

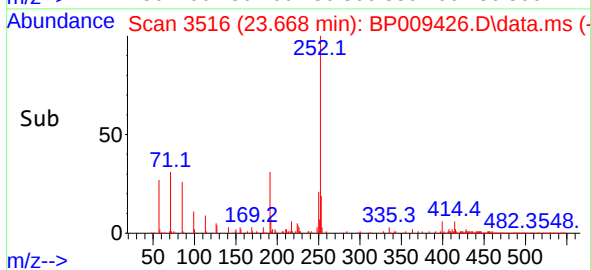
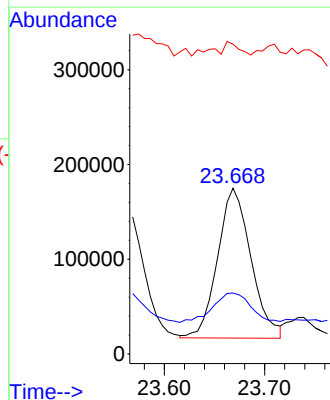
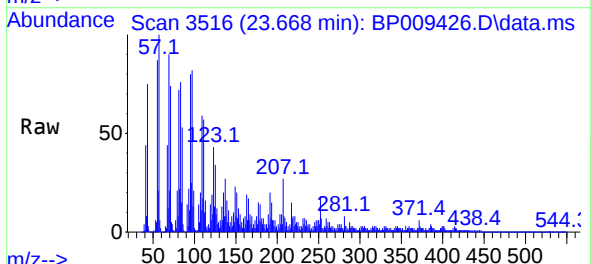
Manual Integrations
APPROVED

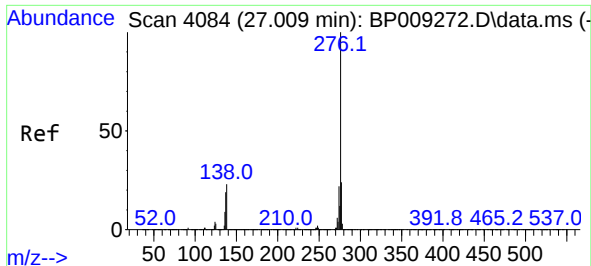
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#90
Benzo(a)pyrene
Concen: 3.109 ng
RT: 23.668 min Scan# 3516
Delta R.T. 0.041 min
Lab File: BP009426.D
Acq: 16 Mar 2022 17:12

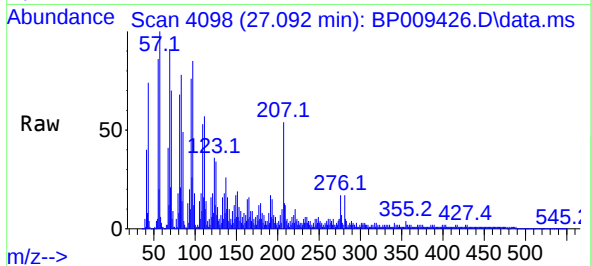
Tgt Ion:252 Resp: 365980
Ion Ratio Lower Upper
252 100
253 36.8 17.8 26.6#
125 186.8 9.3 13.9#





#92
 Benzo(g,h,i)perylene
 Concen: 2.021 ng
 RT: 27.092 min Scan# 4098
 Delta R.T. 0.082 min
 Lab File: BP009426.D
 Acq: 16 Mar 2022 17:12

Instrument :
 BNA_P
 ClientSampleId :
 CON-2



Tgt Ion: 276 Resp: 241828

Ion	Ratio	Lower	Upper
276	100		
277	42.4	19.2	28.8
138	57.3	18.0	27.0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/17/2022
 Supervised By : Jagrut Upadhyay 03/17/2022

