

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009404.D
 Acq On : 15 Mar 2022 18:31
 Operator : CG/JU
 Sample : N1918-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JDSH-TB-STOCKPILE-C

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

Quant Time: Mar 16 01:57:39 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	7.811	152	284977	20.000	ng	-0.01
21) Naphthalene-d8	10.605	136	1149575	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	755051	20.000	ng	-0.01
64) Phenanthrene-d10	17.210	188	1631108	20.000	ng	-0.01
76) Chrysene-d12	21.322	240	1695729	20.000	ng	0.00
86) Perylene-d12	23.733	264	1853136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	1396201	71.515	ng	0.00
7) Phenol-d6	7.005	99	1811892	73.031	ng	0.02
23) Nitrobenzene-d5	8.963	82	1175489	56.320	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	923988	101.345	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2928346	53.335	ng	-0.01
79) Terphenyl-d14	19.792	244	5169261	57.527	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.257	178	897672	9.576	ng	99
72) Anthracene	17.345	178	229392	2.459	ng	98
75) Fluoranthene	19.234	202	1546441	14.293	ng	98
78) Pyrene	19.586	202	1494740	13.055	ng	99
81) Benzo(a)anthracene	21.310	228	846264	7.363	ng	99
83) Chrysene	21.363	228	757739	6.790	ng	98
87) Indeno(1,2,3-cd)pyrene	26.233	276	536275	3.725	ng	# 92
88) Benzo(b)fluoranthene	23.004	252	1063430m	8.499	ng	
89) Benzo(k)fluoranthene	23.045	252	349968m	2.928	ng	
90) Benzo(a)pyrene	23.627	252	745613	6.283	ng	98
92) Benzo(g,h,i)perylene	27.010	276	659713	5.470	ng	95

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

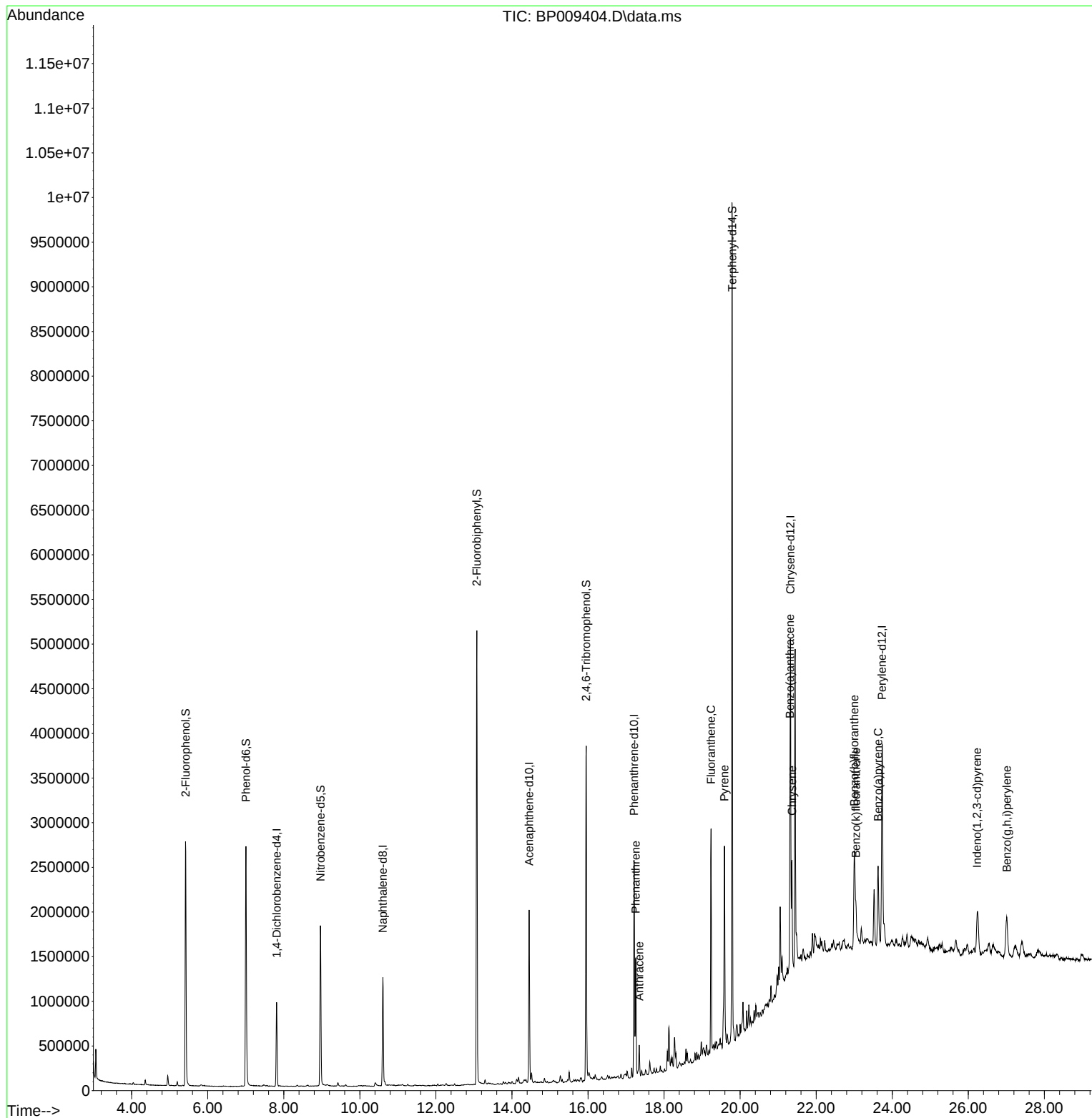
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
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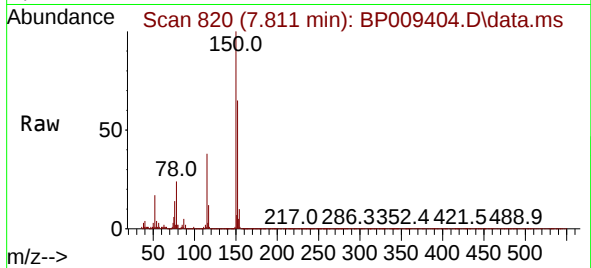
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

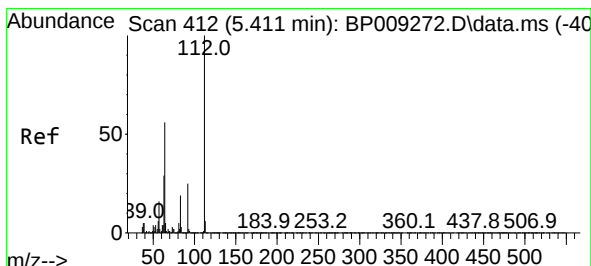
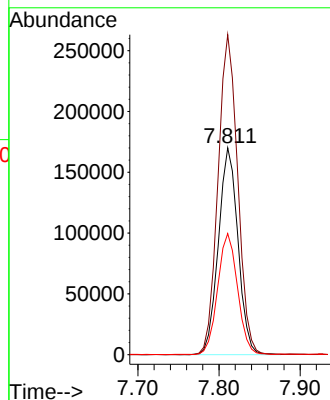
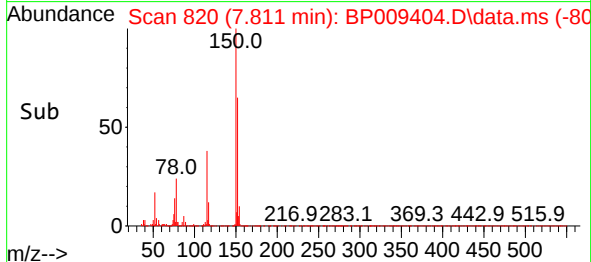
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-C



Tgt Ion:152 Resp: 28497
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 58.5 48.2 72.4

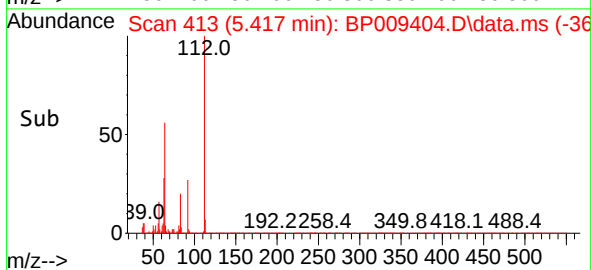
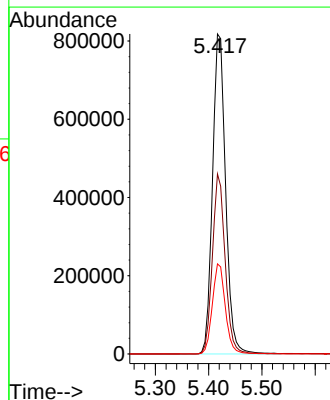
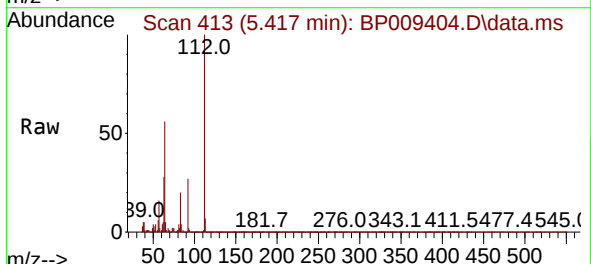
Manual Integrations
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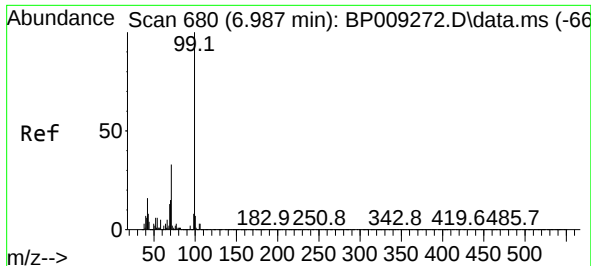
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#5
2-Fluorophenol
Concen: 71.515 ng
RT: 5.417 min Scan# 413
Delta R.T. 0.006 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

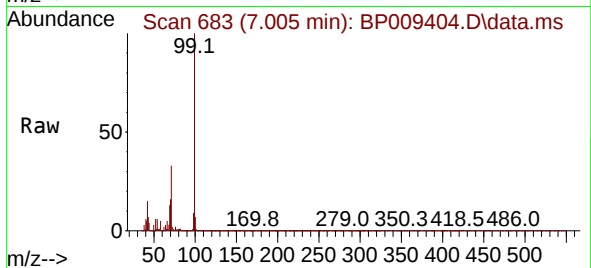
Tgt Ion:112 Resp: 1396201
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 28.2 23.0 34.6





#7
Phenol-d6
Concen: 73.031 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

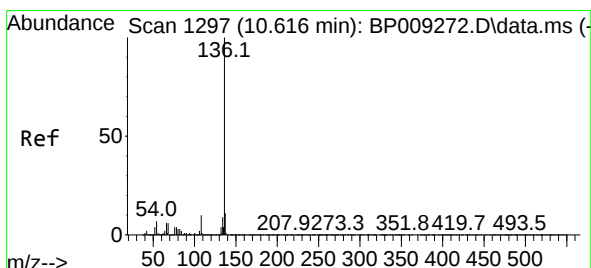
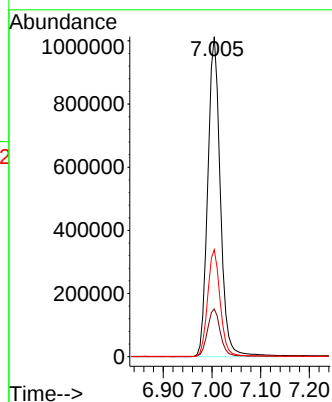
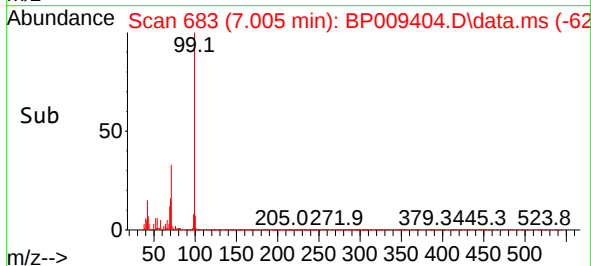
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-C



Tgt Ion: 99 Resp: 181189
Ion Ratio Lower Upper
99 100
42 14.9 12.8 19.2
71 33.5 26.3 39.5

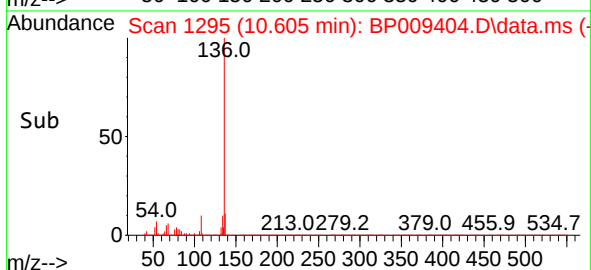
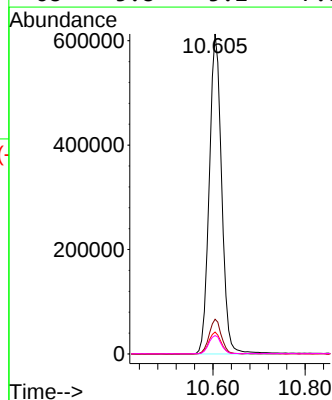
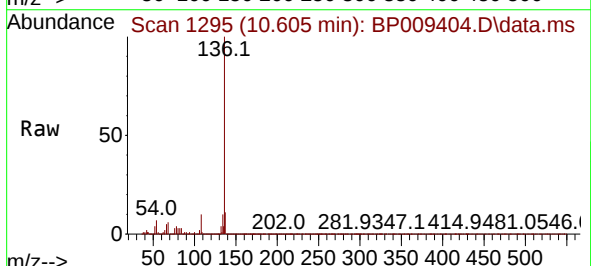
Manual Integrations
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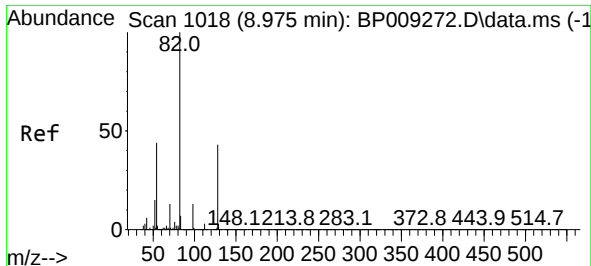
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

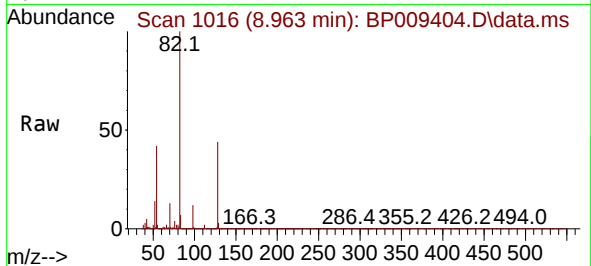
Tgt Ion:136 Resp: 1149575
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.8 5.8 8.8
68 5.8 5.2 7.8





#23
Nitrobenzene-d5
Concen: 56.320 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

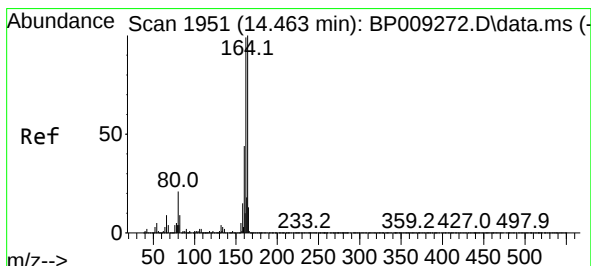
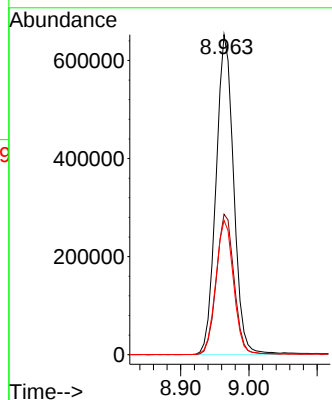
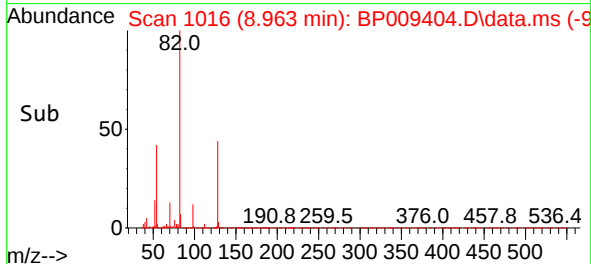
Instrument :
BNA_P
ClientSampleId :
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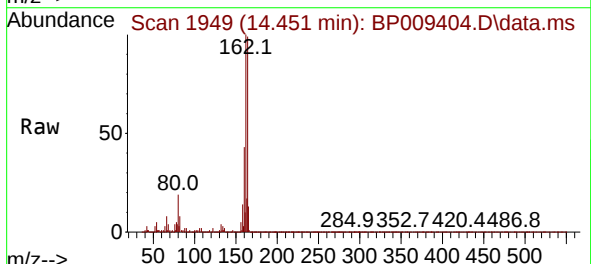
Tgt Ion: 82 Resp: 1175489
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 42.0 34.7 52.1

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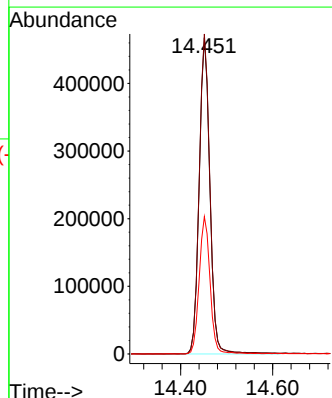
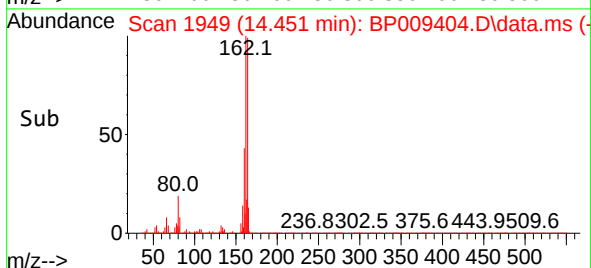
Reviewed By :Christian Giraldo 03/16/2022
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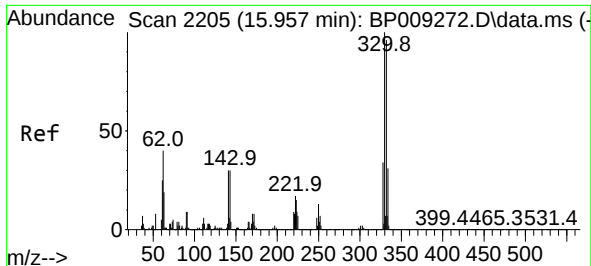


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31



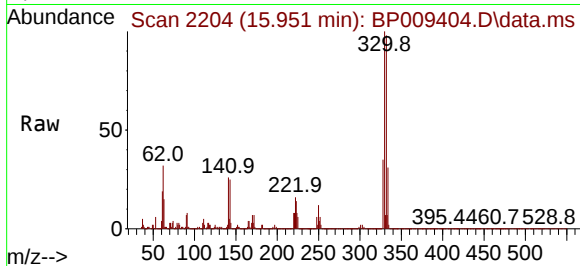
Tgt Ion:164 Resp: 755051
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 43.4 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 101.345 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

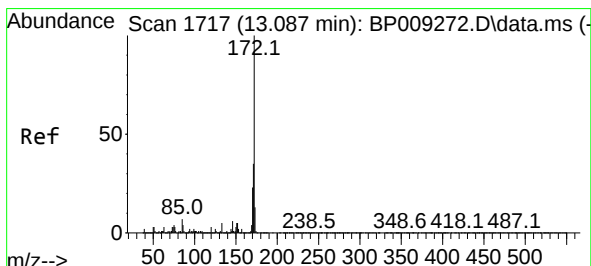
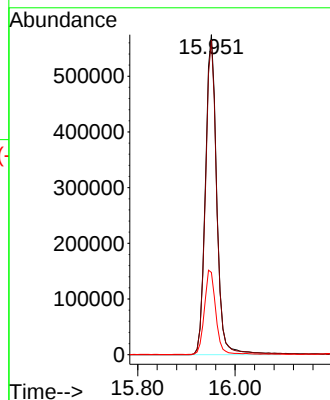
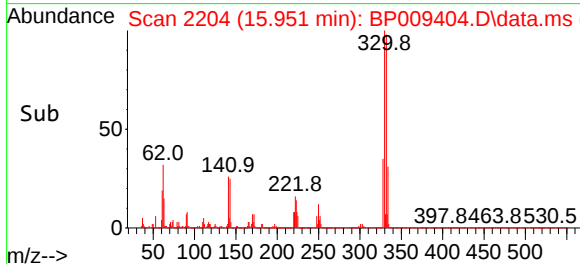
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-C



Tgt Ion:330 Resp: 92398
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 26.5 27.6 41.4

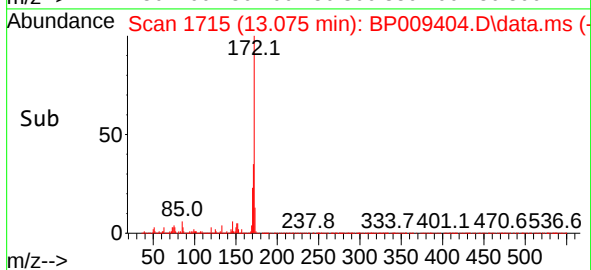
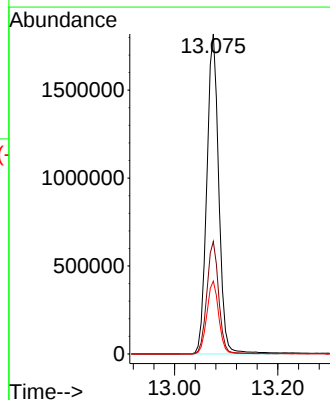
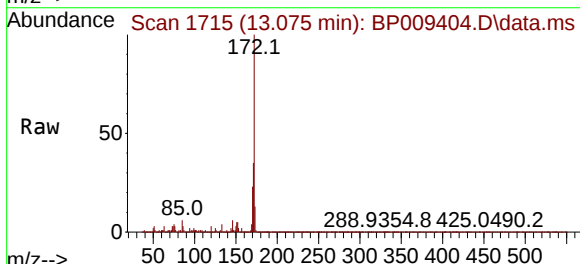
Manual Integrations
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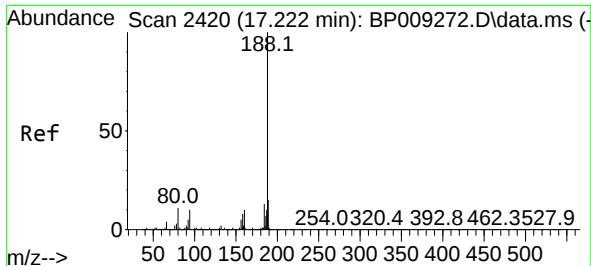
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#45
2-Fluorobiphenyl
Concen: 53.335 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

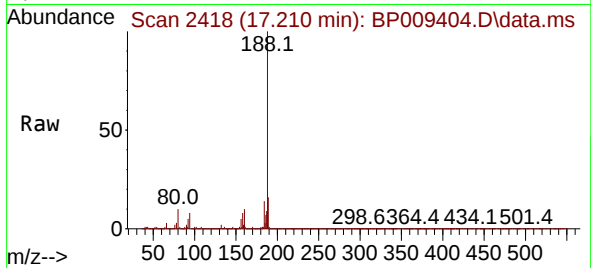
Tgt Ion:172 Resp: 2928346
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 22.7 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

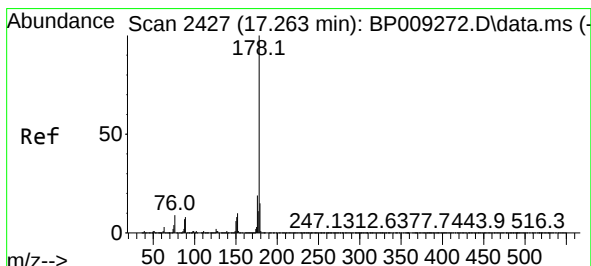
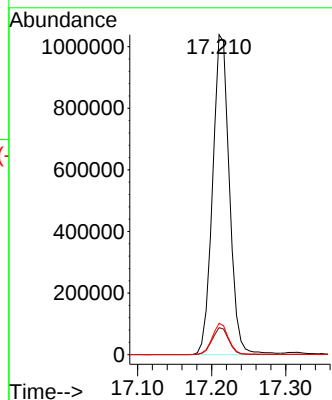
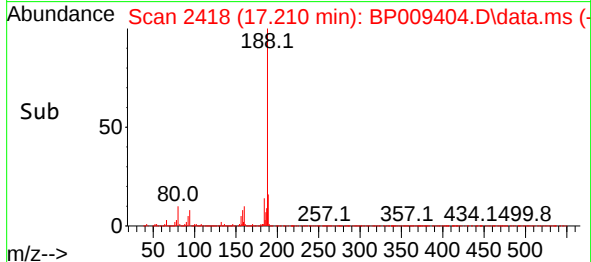
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-C



Tgt Ion:188 Resp: 1631108
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 9.8 8.8 13.2

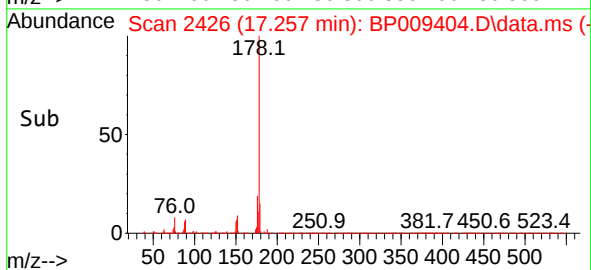
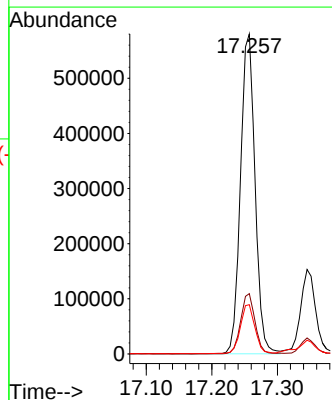
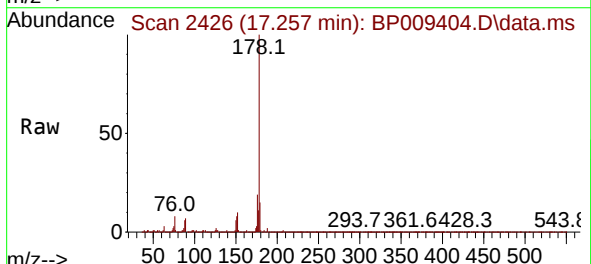
Manual Integrations
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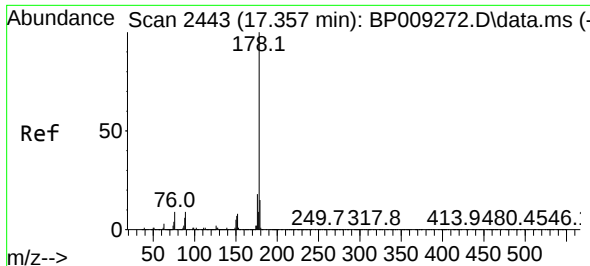
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#71
Phenanthrene
Concen: 9.576 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

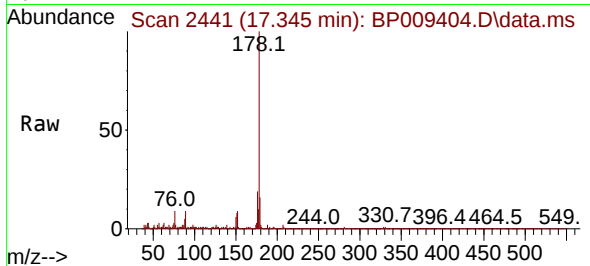
Tgt Ion:178 Resp: 897672
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.4 12.3 18.5





#72
 Anthracene
 Concen: 2.459 ng
 RT: 17.345 min Scan# 2443
 Delta R.T. -0.012 min
 Lab File: BP009404.D
 Acq: 15 Mar 2022 18:31

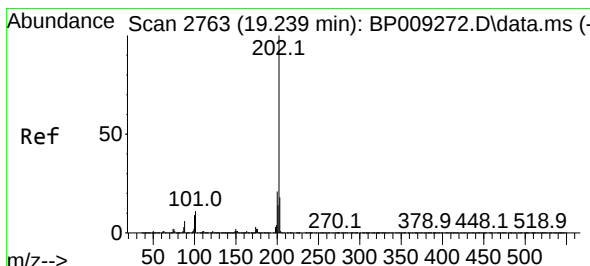
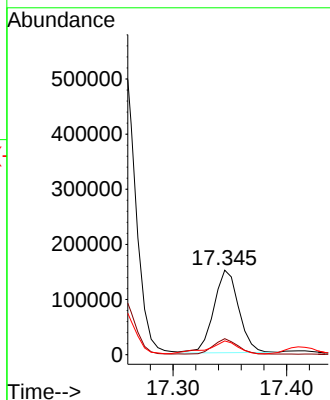
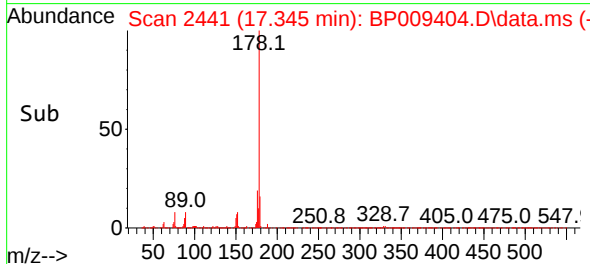
Instrument :
 BNA_P
 ClientSampleId :
 JDSH-TB-STOCKPILE-C



Tgt Ion:178 Resp: 229392
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.8 22.2
 179 16.2 12.2 18.4

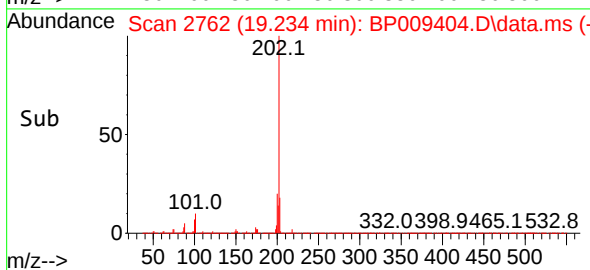
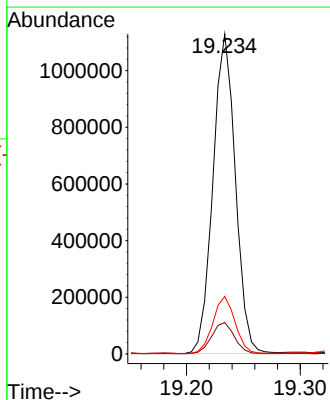
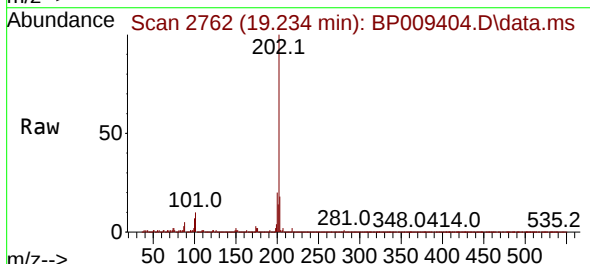
Manual Integrations
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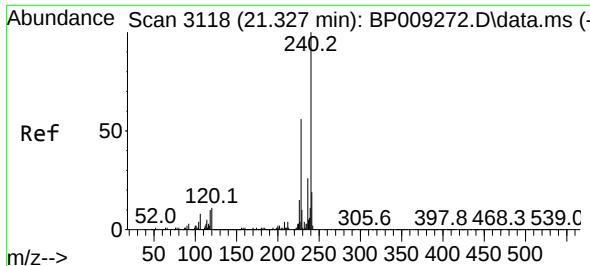
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022



#75
 Fluoranthene
 Concen: 14.293 ng
 RT: 19.234 min Scan# 2762
 Delta R.T. -0.006 min
 Lab File: BP009404.D
 Acq: 15 Mar 2022 18:31

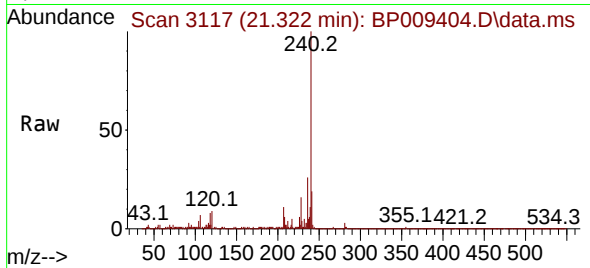
Tgt Ion:202 Resp: 1546441
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 31.5
 203 18.0 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

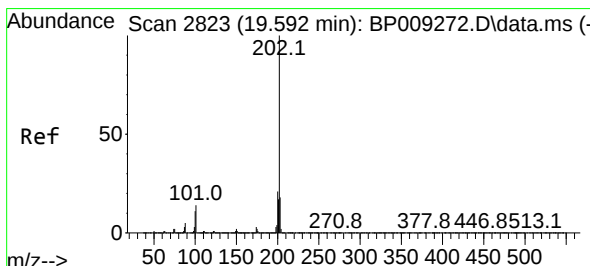
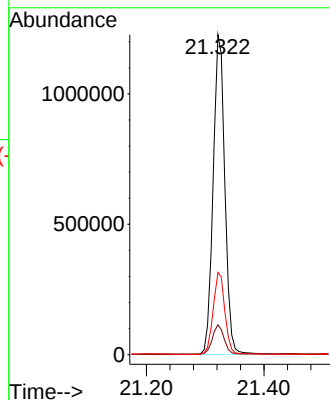
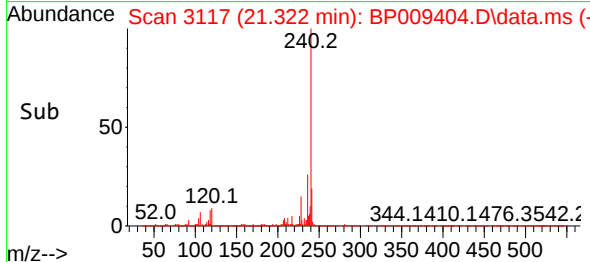
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-C



Tgt Ion:240 Resp: 1695729
Ion Ratio Lower Upper
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120 9.3 9.0 13.4
236 25.7 20.6 30.8

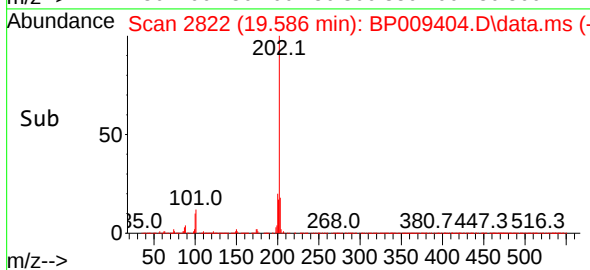
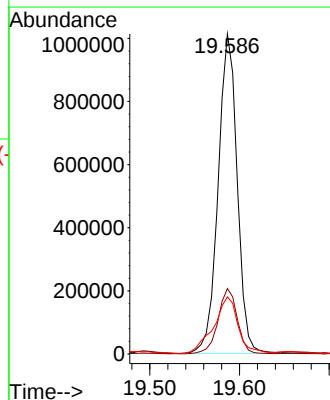
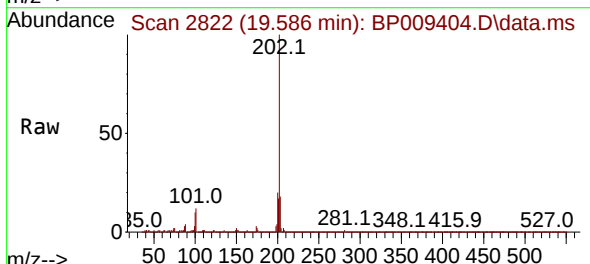
Manual Integrations
APPROVED

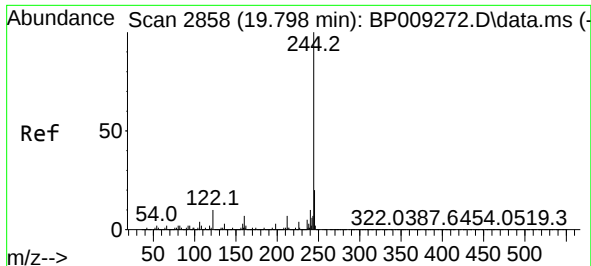
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#78
Pyrene
Concen: 13.055 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

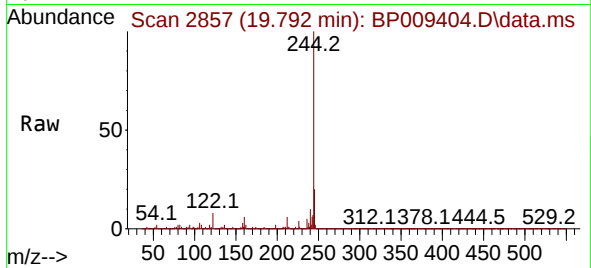
Tgt Ion:202 Resp: 1494740
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 17.8 14.2 21.4





#79
 Terphenyl-d14
 Concen: 57.527 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009404.D
 Acq: 15 Mar 2022 18:31

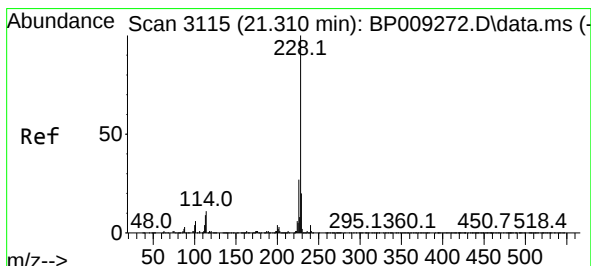
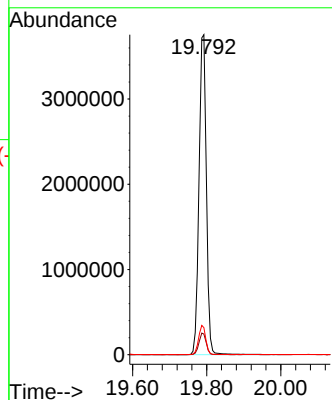
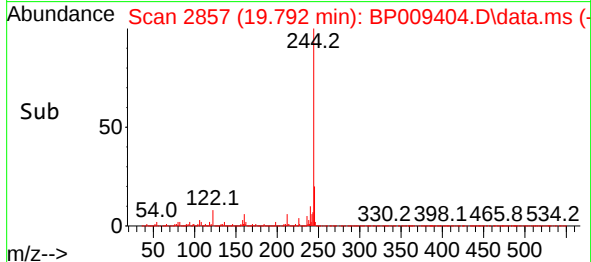
Instrument :
 BNA_P
 ClientSampleId :
 JDSH-TB-STOCKPILE-C



Tgt Ion:244 Resp: 516926
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 8.5 8.3 12.5

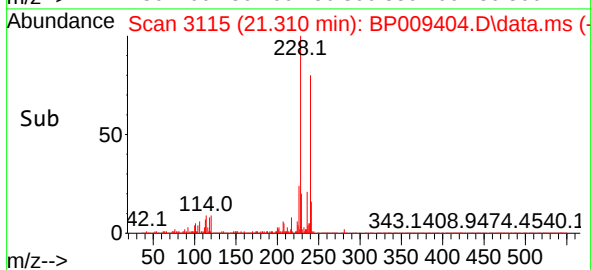
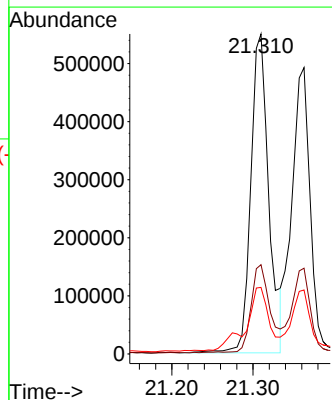
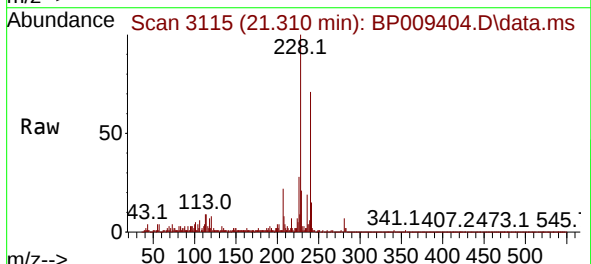
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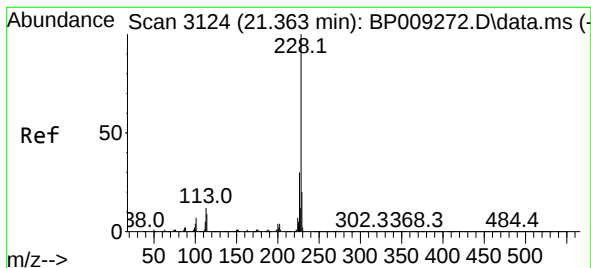
Reviewed By :Christian Giraldo 03/16/2022
 Supervised By :Jagrut Upadhyay 03/16/2022



#81
 Benzo(a)anthracene
 Concen: 7.363 ng
 RT: 21.310 min Scan# 3115
 Delta R.T. 0.000 min
 Lab File: BP009404.D
 Acq: 15 Mar 2022 18:31

Tgt Ion:228 Resp: 846264
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.0 33.0
 229 20.8 16.1 24.1





#83

Chrysene

Concen: 6.790 ng

RT: 21.363 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP009404.D

Acq: 15 Mar 2022 18:31

Instrument :

BNA_P

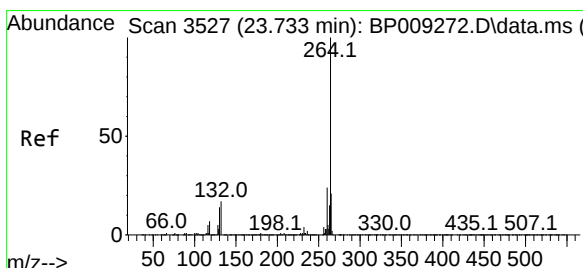
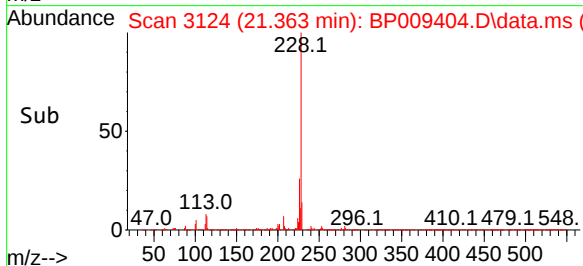
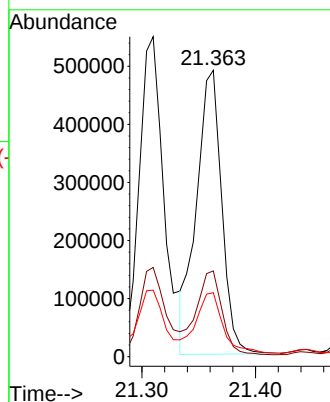
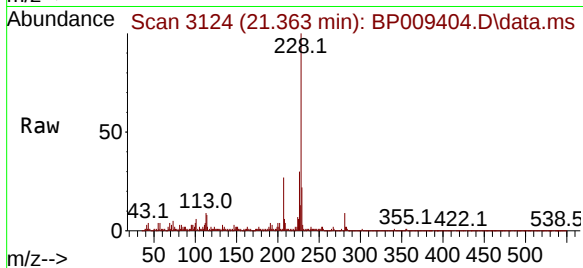
ClientSampleId :

JDSH-TB-STOCKPILE-C

Tgt Ion:228	Resp: 757739
Ion Ratio	Lower Upper
228 100	
226 30.0	24.2 36.2
229 22.3	16.1 24.1

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Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#86

Perylene-d12

Concen: 20.000 ng

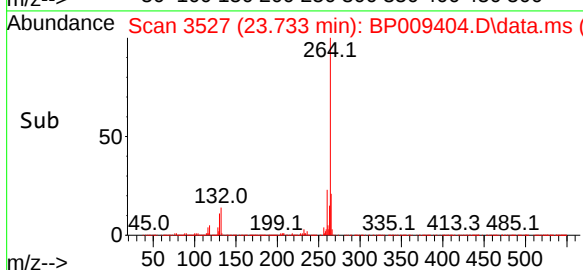
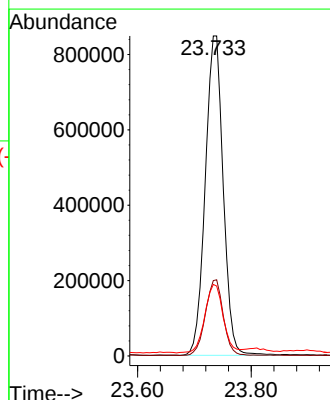
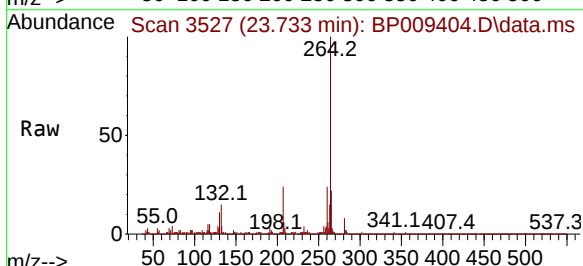
RT: 23.733 min Scan# 3527

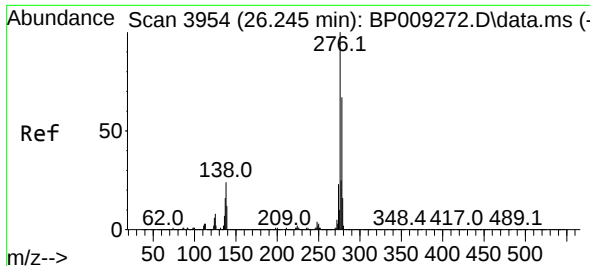
Delta R.T. 0.000 min

Lab File: BP009404.D

Acq: 15 Mar 2022 18:31

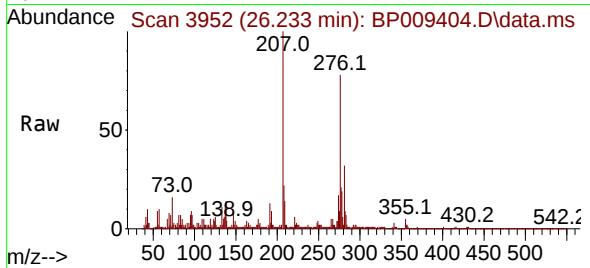
Tgt Ion:264	Resp: 1853136
Ion Ratio	Lower Upper
264 100	
260 23.6	19.4 29.0
265 22.4	17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.725 ng
RT: 26.233 min Scan# 3952
Delta R.T. -0.012 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

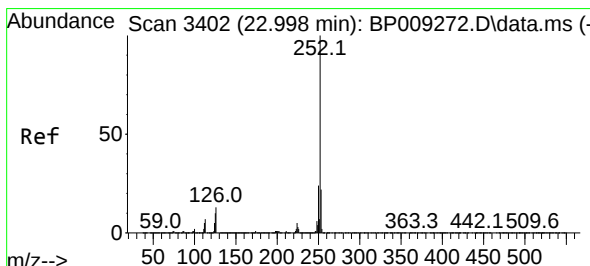
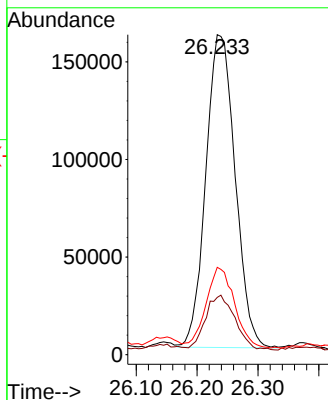
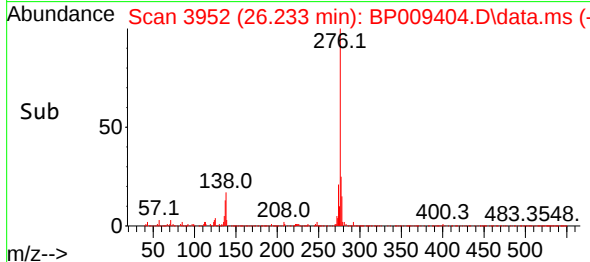
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-C



Tgt Ion: 276 Resp: 536279
Ion Ratio Lower Upper
276 100
138 17.7 20.5 30.7
277 25.0 20.4 30.6

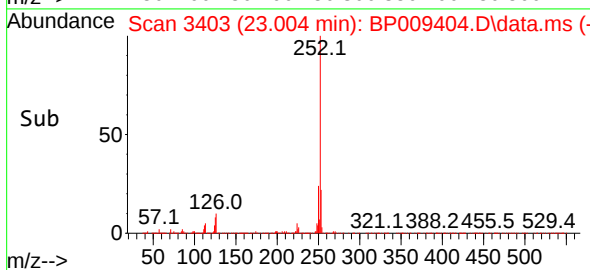
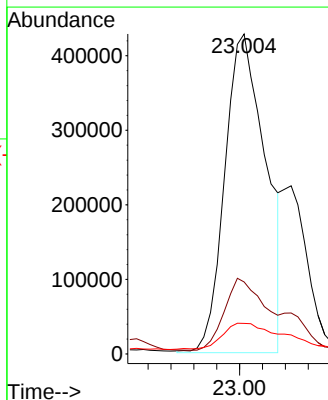
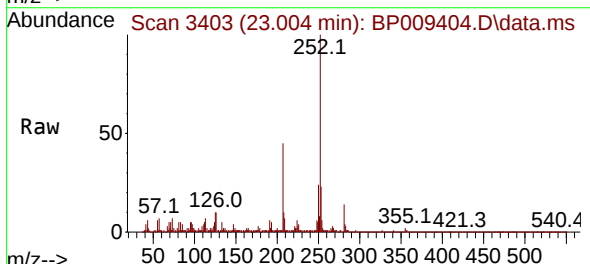
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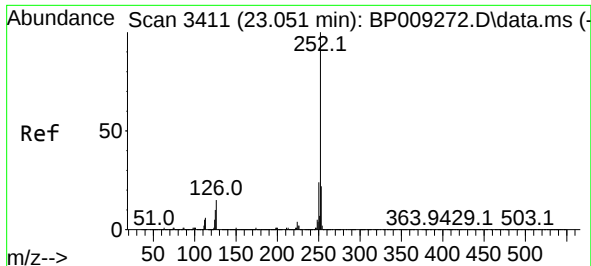
Reviewed By : Christian Giraldo 03/16/2022
Supervised By : Jagrut Upadhyay 03/16/2022



#88
Benzo(b)fluoranthene
Concen: 8.499 ng m
RT: 23.004 min Scan# 3403
Delta R.T. 0.006 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

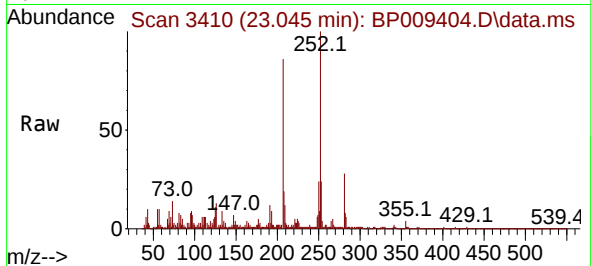
Tgt Ion: 252 Resp: 1063430
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.5 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 2.928 ng m
RT: 23.045 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

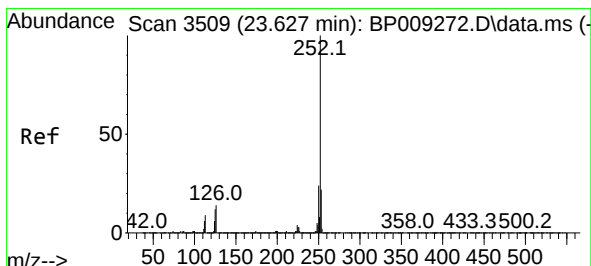
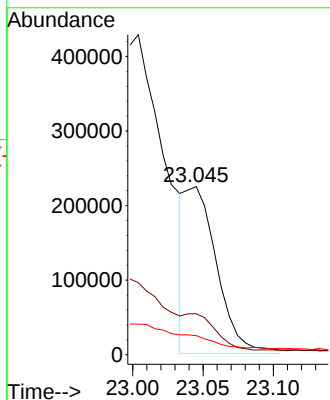
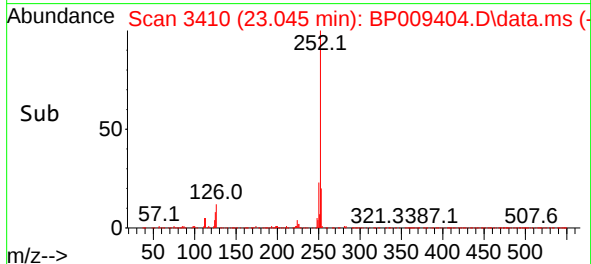
Instrument :
BNA_P
ClientSampleId :
JDSH-TB-STOCKPILE-C



Tgt Ion:252 Resp: 349968
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 11.3 8.3 12.5

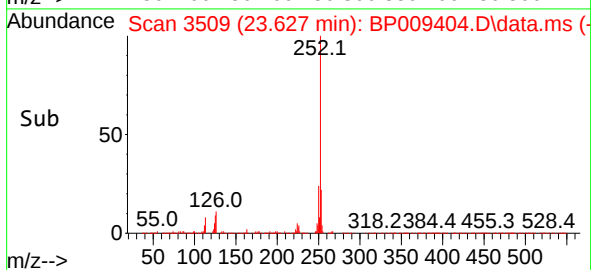
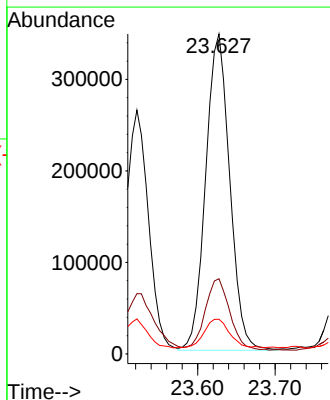
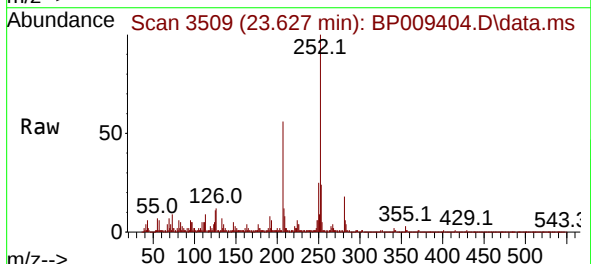
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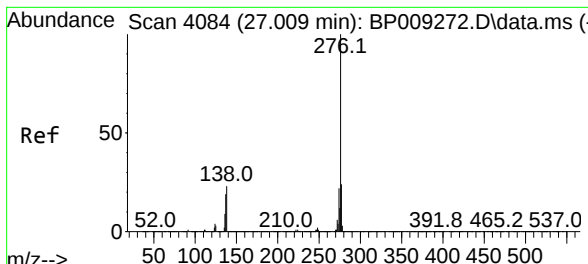
Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022



#90
Benzo(a)pyrene
Concen: 6.283 ng
RT: 23.627 min Scan# 3509
Delta R.T. 0.000 min
Lab File: BP009404.D
Acq: 15 Mar 2022 18:31

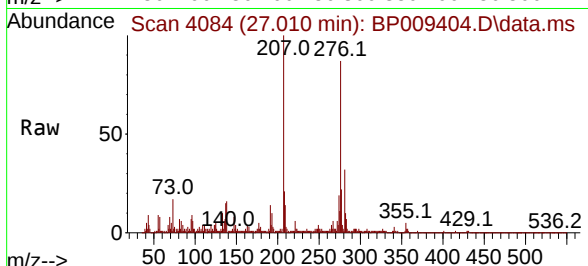
Tgt Ion:252 Resp: 745613
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 10.8 9.3 13.9





#92
 Benzo(g,h,i)perylene
 Concen: 5.470 ng
 RT: 27.010 min Scan# 4084
 Delta R.T. 0.000 min
 Lab File: BP009404.D
 Acq: 15 Mar 2022 18:31

Instrument : BNA_P
 ClientSampleId : JDSH-TB-STOCKPILE-C



Tgt Ion: 276 Resp: 65971

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.2	28.8
138	18.4	18.0	27.0

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 Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

