

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009494.D
 Acq On : 22 Mar 2022 18:37
 Operator : CG/JU
 Sample : N2033-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-237

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2022
 Supervised By : Jagrut Upadhyay 03/23/2022

Quant Time: Mar 23 01:22:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	417353	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1643136	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	989605	20.000	ng	-0.01
64) Phenanthrene-d10	17.257	188	1768236	20.000	ng	# 0.05
76) Chrysene-d12	21.327	240	1868934	20.000	ng	0.01
86) Perylene-d12	23.733	264	2119746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	1948844	81.527	ng	0.00
7) Phenol-d6	6.981	99	2455435	75.956	ng	-0.01
23) Nitrobenzene-d5	8.946	82	1598826	51.707	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	1027699	62.932	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	3743732	52.444	ng	0.00
79) Terphenyl-d14	19.786	244	5045913	48.460	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.157	152	482225	5.374	ng	# 92
52) Acenaphthene	14.498	154	146444	2.732	ng	94
58) Fluorene	15.492	166	221860	3.133	ng	# 84
71) Phenanthrene	17.298	178	3725400	39.358	ng	97
72) Anthracene	17.381	178	1166685m	12.484	ng	
73) Carbazole	17.634	167	470061	5.143	ng	# 74
75) Fluoranthene	19.239	202	8135336	70.993	ng	96
78) Pyrene	19.592	202	7238843	58.779	ng	98
81) Benzo(a)anthracene	21.310	228	3855975	31.404	ng	97
83) Chrysene	21.363	228	4237176	36.443	ng	98
84) Bis(2-ethylhexyl)phtha...	21.245	149	3239896	44.405	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.239	276	3016732	18.758	ng	# 93
88) Benzo(b)fluoranthene	23.010	252	6607750m	52.217	ng	
89) Benzo(k)fluoranthene	23.045	252	1934416m	15.613	ng	
90) Benzo(a)pyrene	23.633	252	4002410	36.968	ng	# 97
91) Dibenzo(a,h)anthracene	26.251	278	788214	5.881	ng	# 93
92) Benzo(g,h,i)perylene	27.009	276	2864545	21.725	ng	97

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

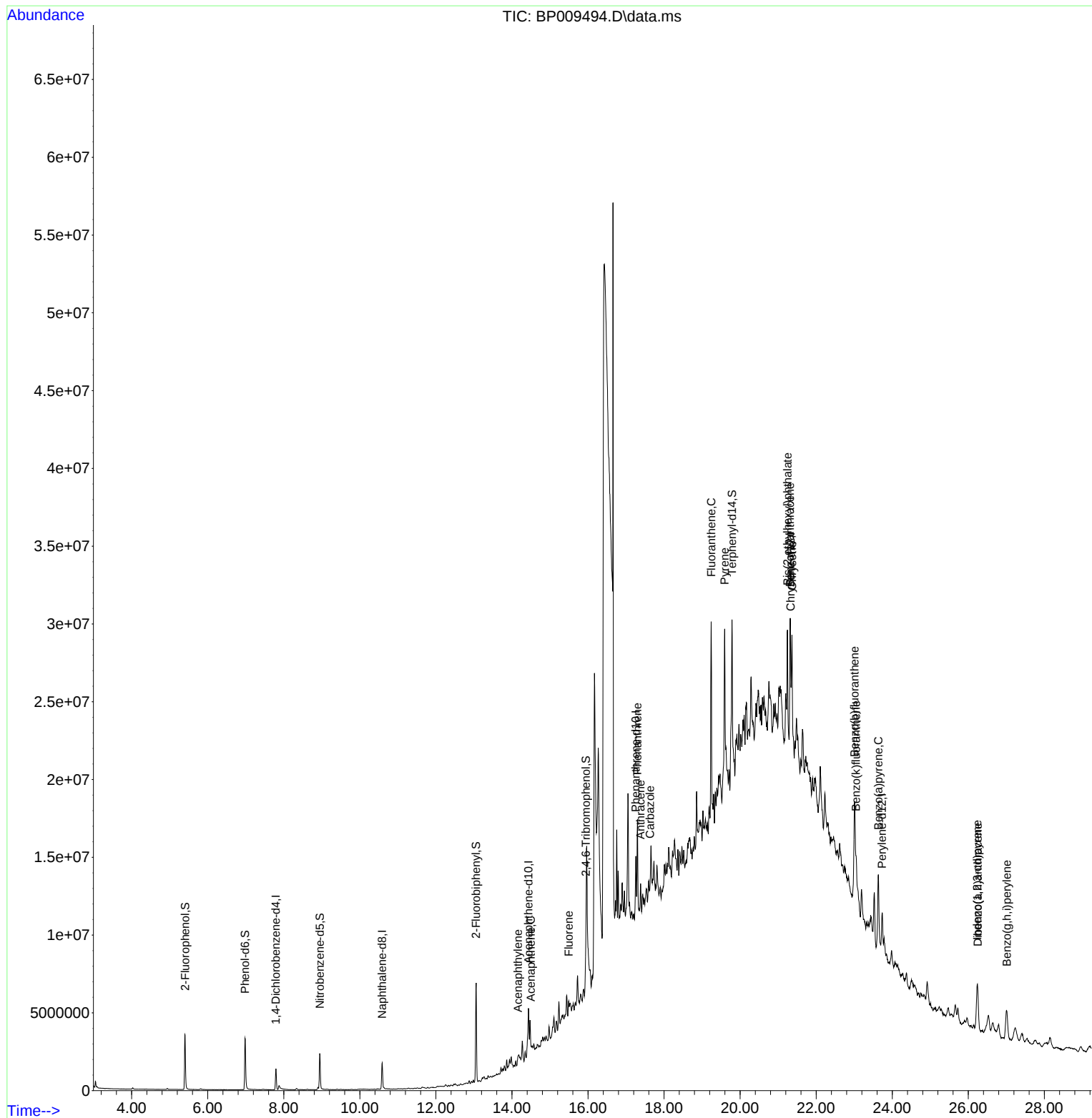
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009494.D
Acq On : 22 Mar 2022 18:37
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ALS Vial : 15 Sample Multiplier: 1

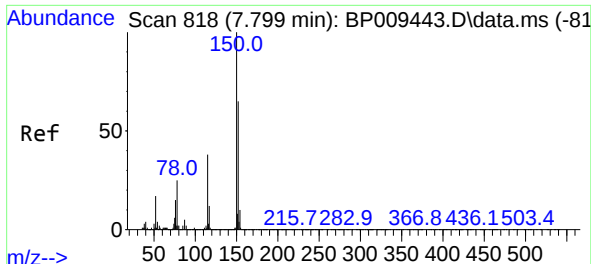
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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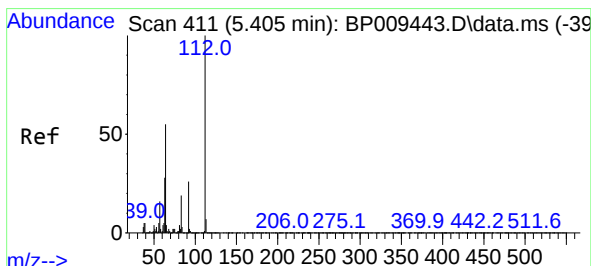
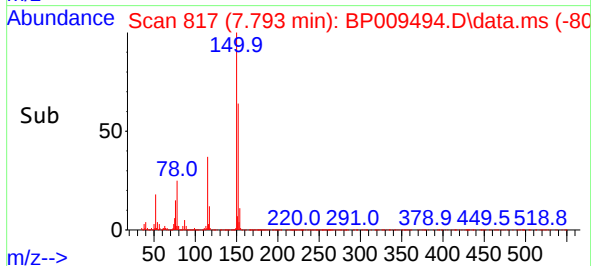
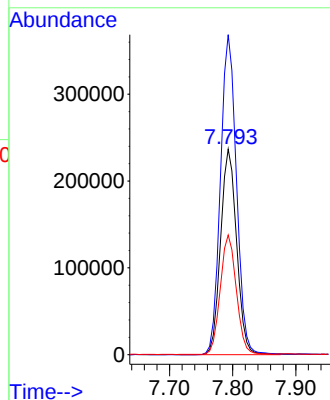
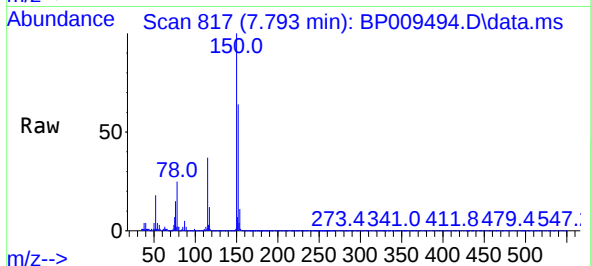
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Instrument :
BNA_P
ClientSampleId :
VNJ-237

Tgt Ion:152 Resp: 41735
Ion Ratio Lower Upper
152 100
150 155.6 124.5 186.7
115 58.2 48.2 72.4

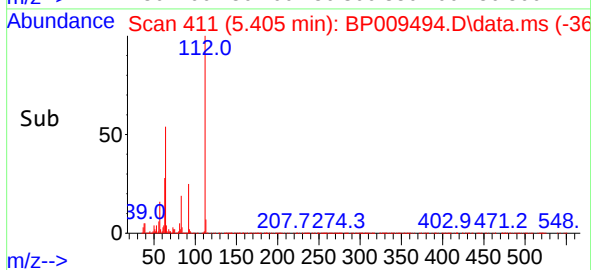
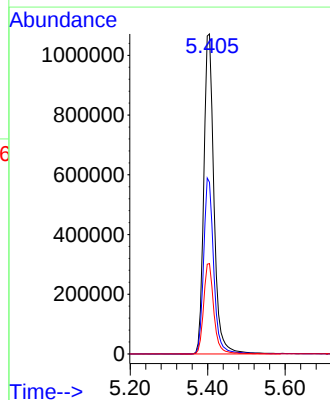
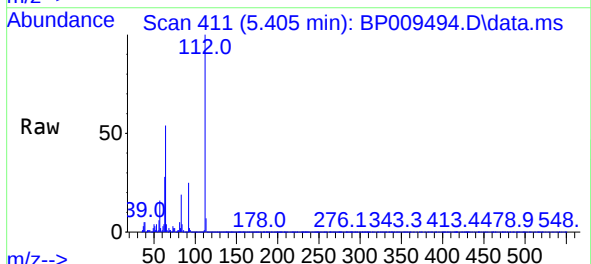
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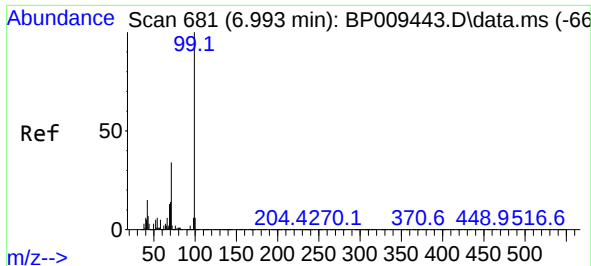
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#5
2-Fluorophenol
Concen: 81.527 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.000 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

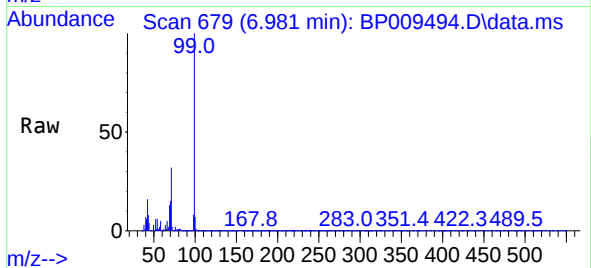
Tgt Ion:112 Resp: 1948844
Ion Ratio Lower Upper
112 100
64 53.6 45.0 67.4
63 28.3 23.0 34.6





#7
Phenol-d6
Concen: 75.956 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

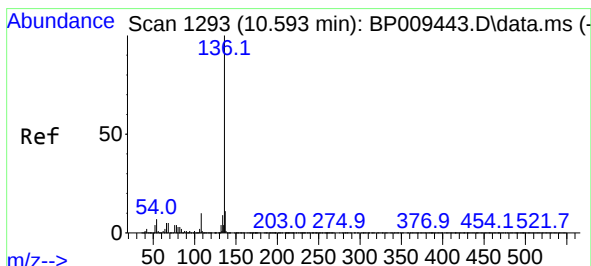
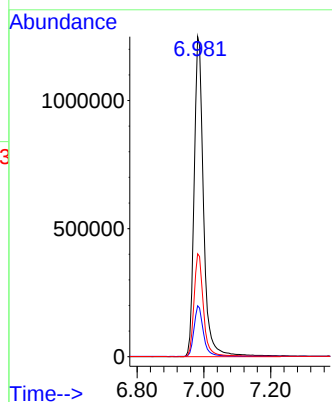
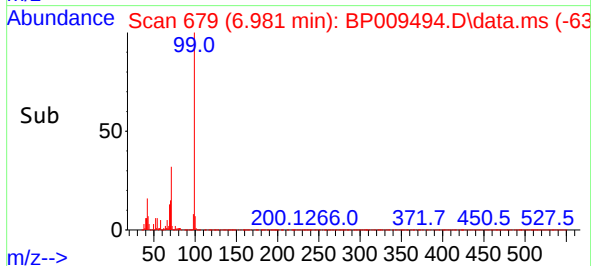
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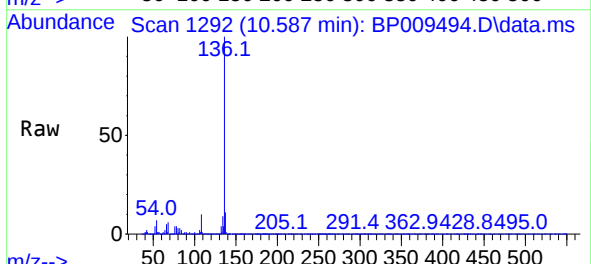
Tgt Ion: 99 Resp: 245543
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 32.2 26.3 39.5

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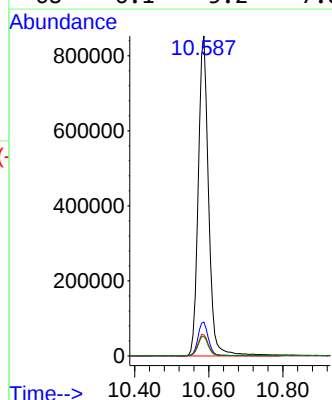
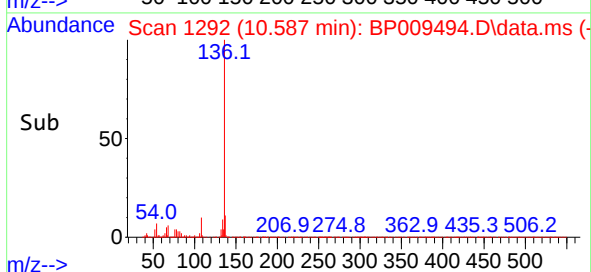
Reviewed By :Christian Giraldo 03/23/2022
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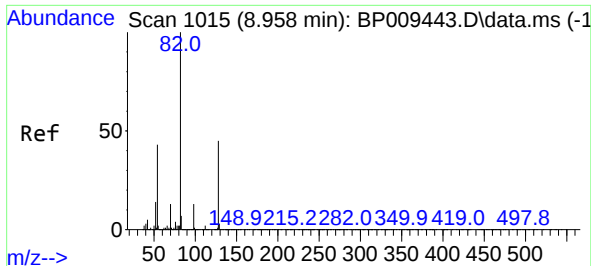


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37



Tgt Ion:136 Resp: 1643136
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.6 5.8 8.8
68 6.1 5.2 7.8





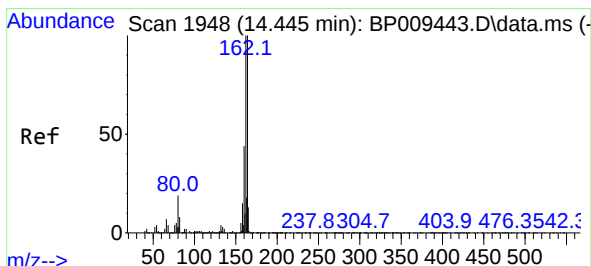
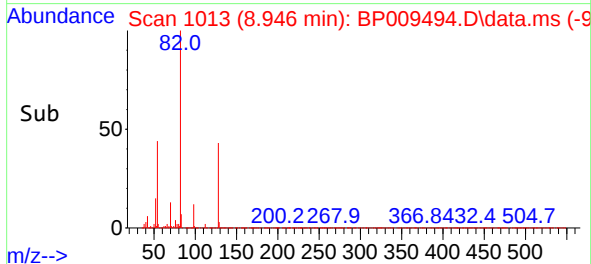
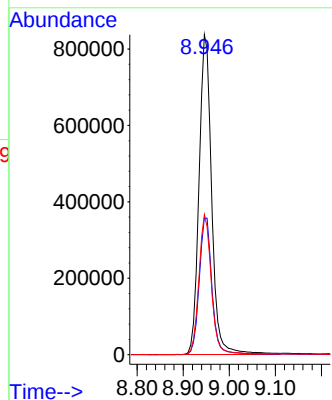
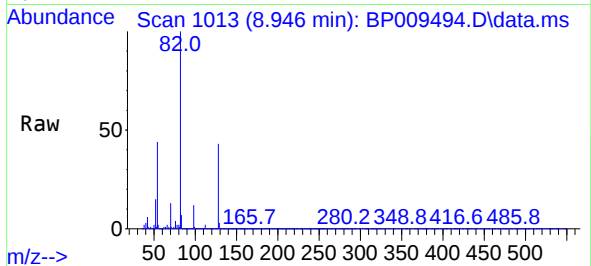
#23
Nitrobenzene-d5
Concen: 51.707 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Instrument :
BNA_P
ClientSampleId :
VNJ-237

Tgt Ion: 82 Resp: 1598820
Ion Ratio Lower Upper
82 100
128 42.8 34.2 51.4
54 43.8 34.7 52.1

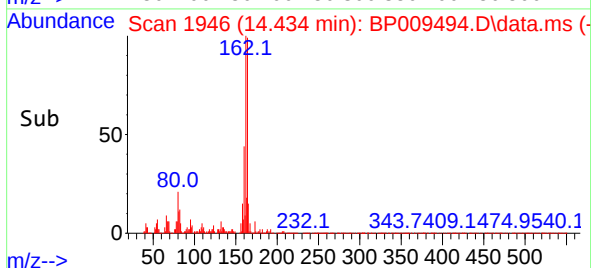
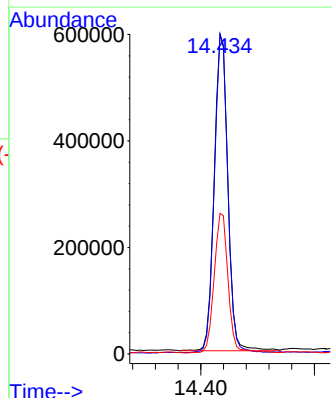
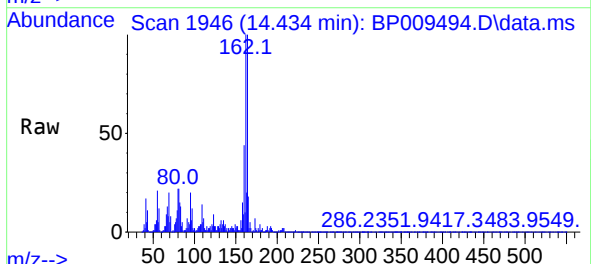
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion:164 Resp: 989605
Ion Ratio Lower Upper
164 100
162 100.2 79.1 118.7
160 44.1 34.9 52.3





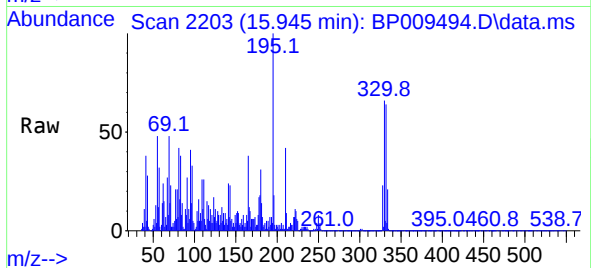
#42
2,4,6-Tribromophenol
Concen: 62.932 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Instrument :

BNA_P

ClientSampleId :

VNJ-237

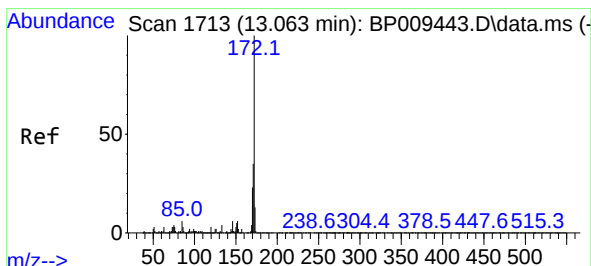
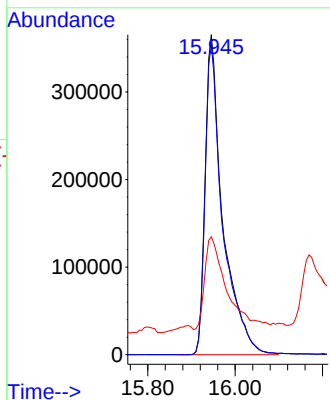
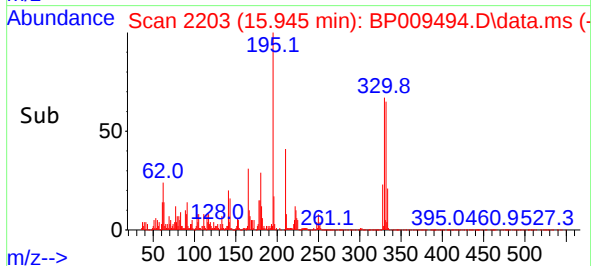


Tgt Ion:330 Resp: 1027699
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 36.5 27.6 41.4

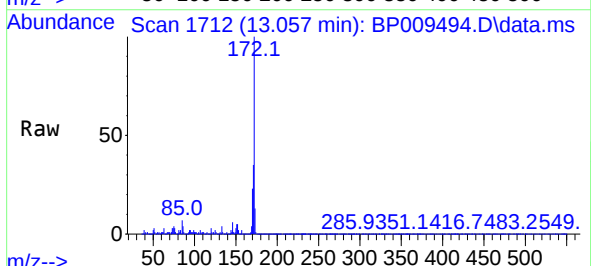
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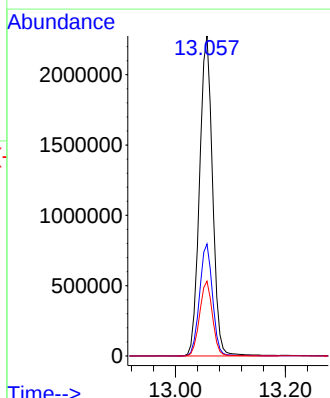
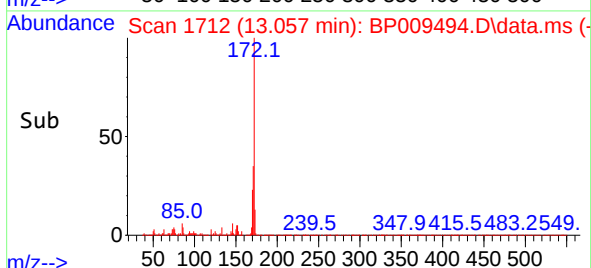
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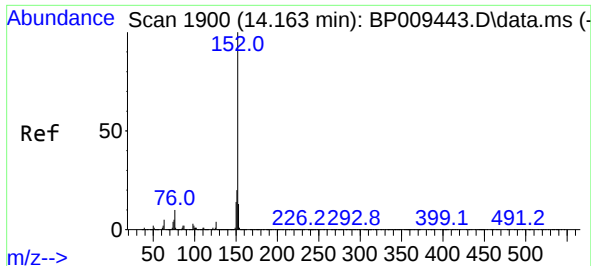


#45
2-Fluorobiphenyl
Concen: 52.444 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37



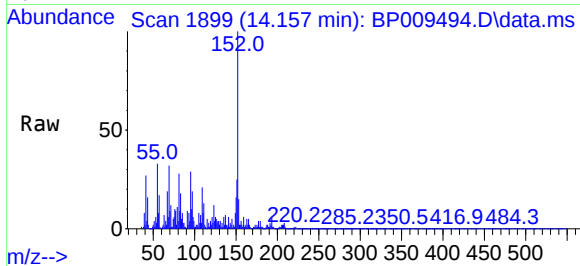
Tgt Ion:172 Resp: 3743732
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.3 18.6 27.8





#49
Acenaphthylene
Concen: 5.374 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

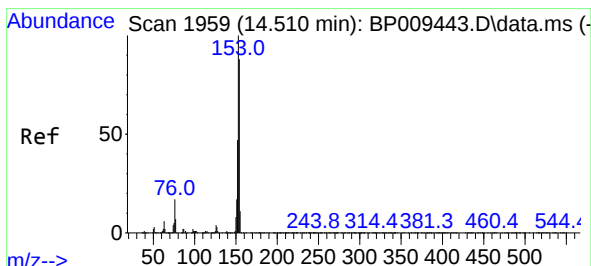
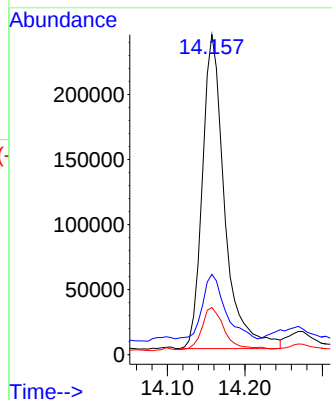
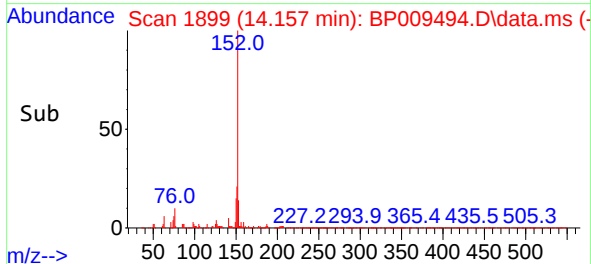
Instrument :
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VNJ-237



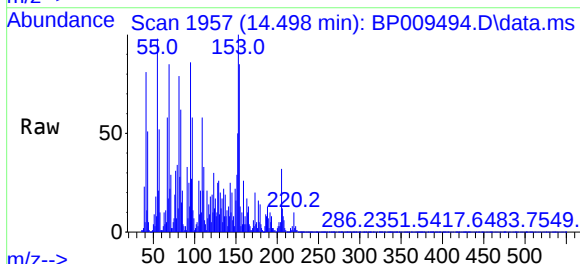
Tgt Ion:152 Resp: 482225
Ion Ratio Lower Upper
152 100
151 25.1 15.9 23.9
153 14.8 10.7 16.1

Manual Integrations
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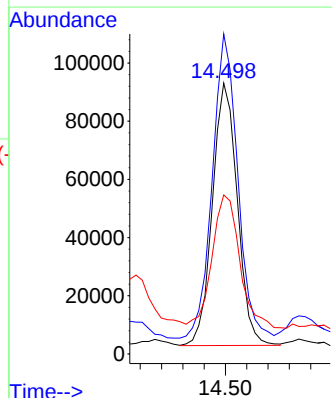
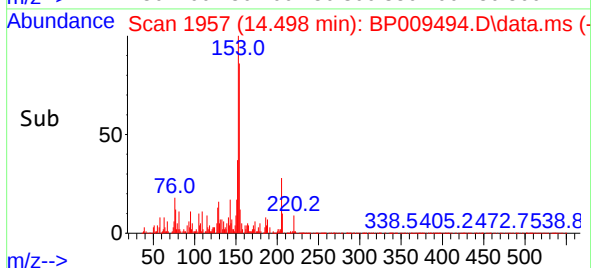
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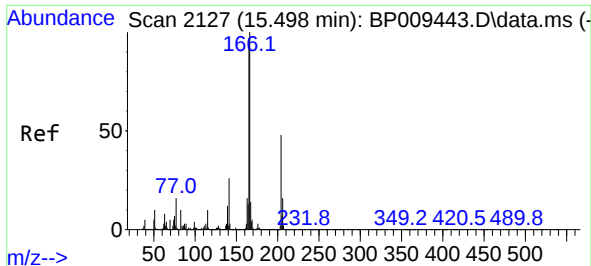


#52
Acenaphthene
Concen: 2.732 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37



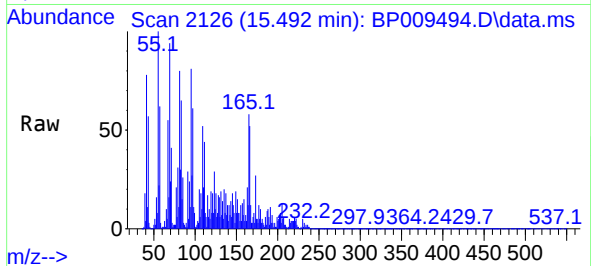
Tgt Ion:154 Resp: 146444
Ion Ratio Lower Upper
154 100
153 118.2 90.2 135.4
152 58.7 42.7 64.1





#58
Fluorene
Concen: 3.133 ng
RT: 15.492 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

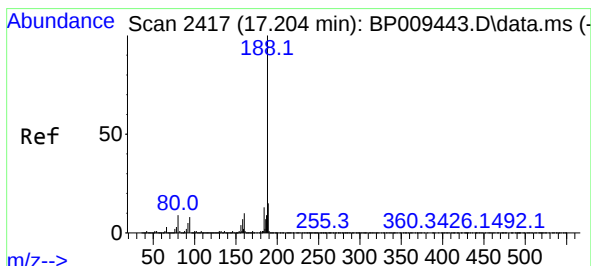
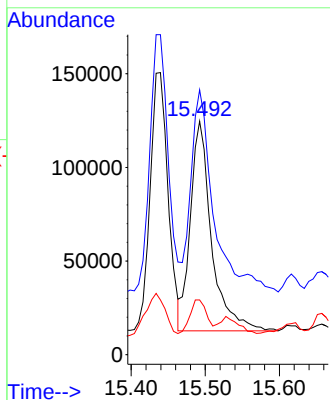
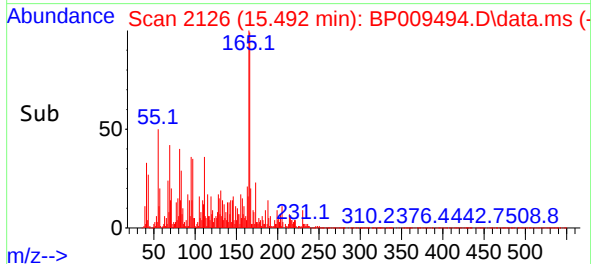
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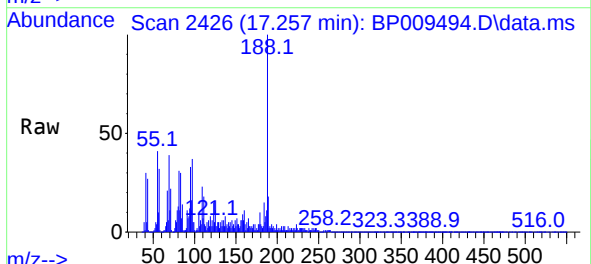
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Ion Ratio Lower Upper
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165 113.5 79.2 118.8
167 23.5 10.7 16.1

Manual Integrations
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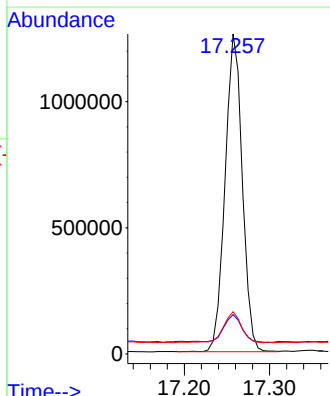
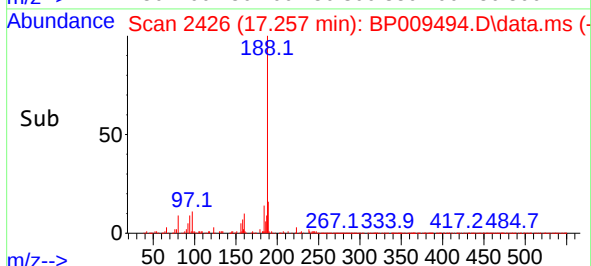
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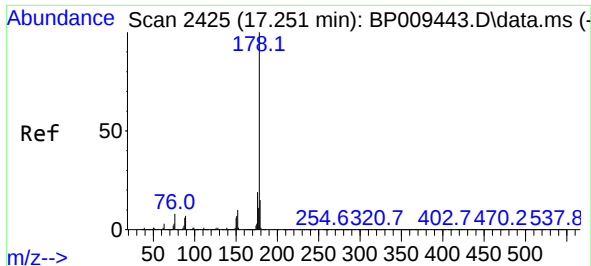


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.053 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37



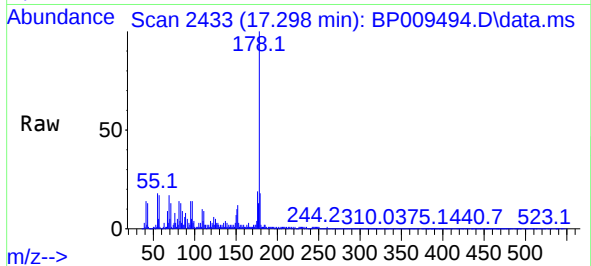
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Ion Ratio Lower Upper
188 100
94 12.3 7.9 11.9#
80 13.2 8.8 13.2#





#71
Phenanthrene
Concen: 39.358 ng
RT: 17.298 min Scan# 2425
Delta R.T. 0.047 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

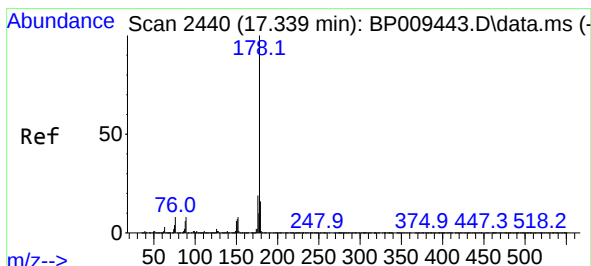
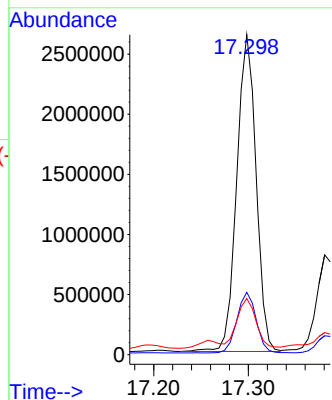
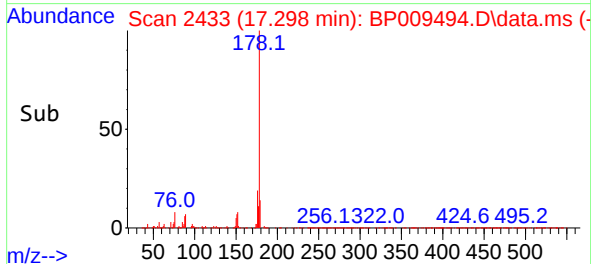
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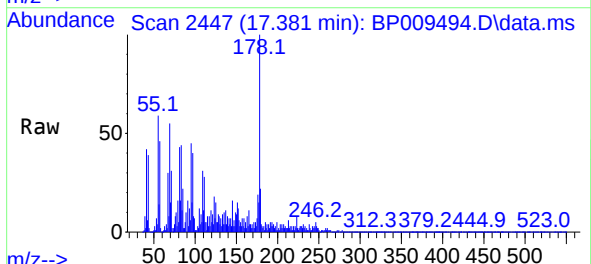
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Ion Ratio Lower Upper
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179 17.6 12.3 18.5

Manual Integrations
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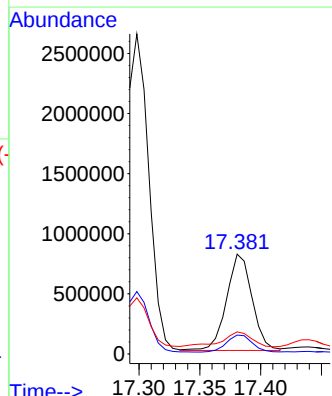
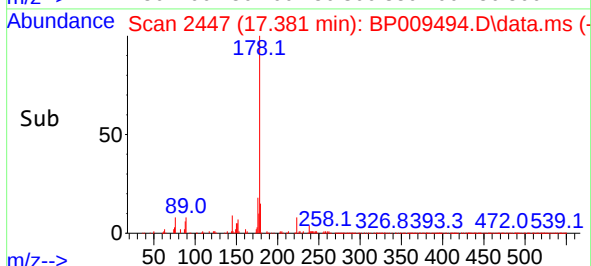
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

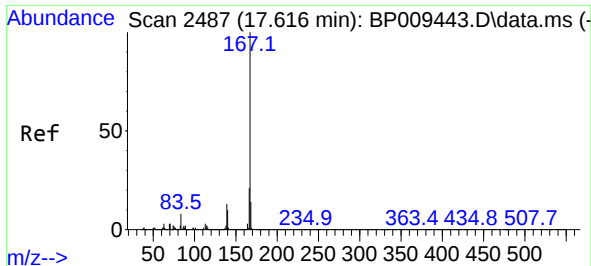


#72
Anthracene
Concen: 12.484 ng m
RT: 17.381 min Scan# 2447
Delta R.T. 0.041 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37



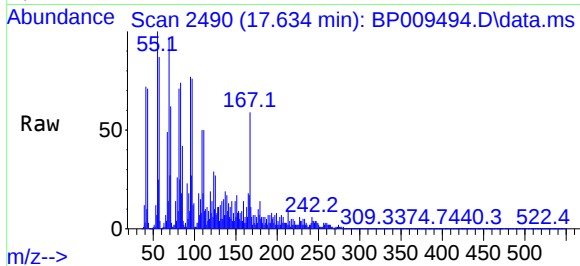
Tgt Ion:178 Resp: 1166685
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 22.2 12.2 18.4





#73
 Carbazole
 Concen: 5.143 ng
 RT: 17.634 min Scan# 2487
 Delta R.T. 0.018 min
 Lab File: BP009494.D
 Acq: 22 Mar 2022 18:37

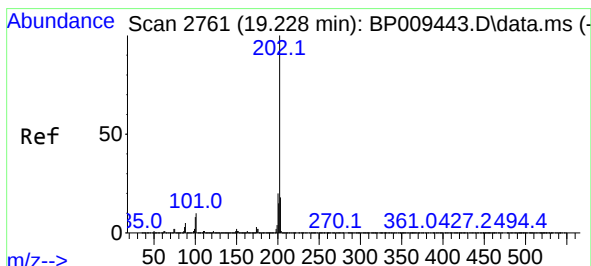
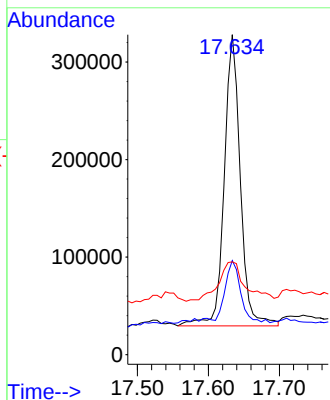
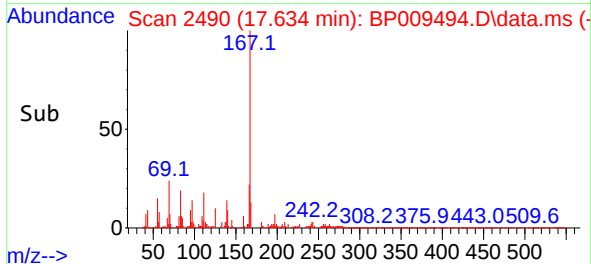
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-237



Tgt Ion:167 Resp: 47006
 Ion Ratio Lower Upper
 167 100
 166 29.4 17.2 25.8
 139 29.0 10.3 15.5

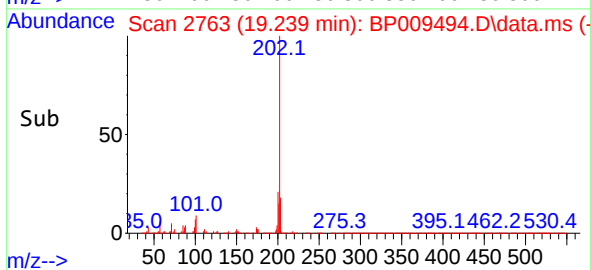
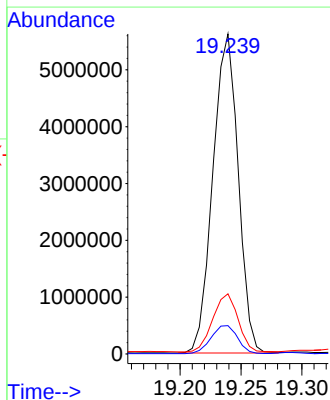
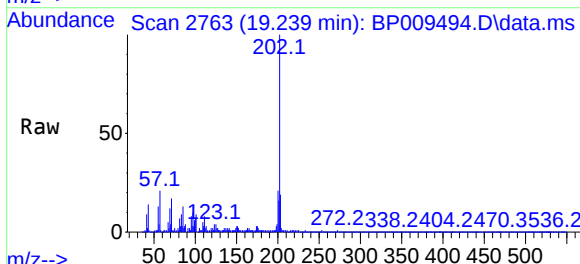
Manual Integrations
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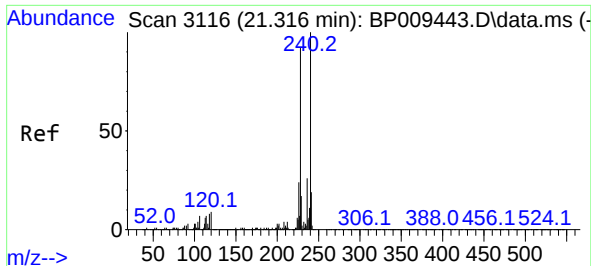
Reviewed By :Christian Giraldo 03/23/2022
 Supervised By :Jagrut Upadhyay 03/23/2022



#75
 Fluoranthene
 Concen: 70.993 ng
 RT: 19.239 min Scan# 2763
 Delta R.T. 0.012 min
 Lab File: BP009494.D
 Acq: 22 Mar 2022 18:37

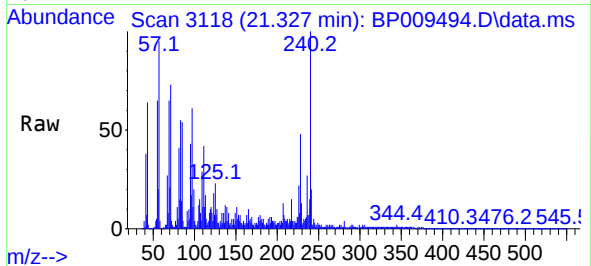
Tgt Ion:202 Resp: 8135336
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 31.5
 203 18.8 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3116
Delta R.T. 0.012 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

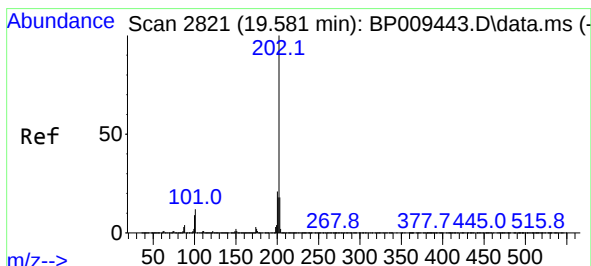
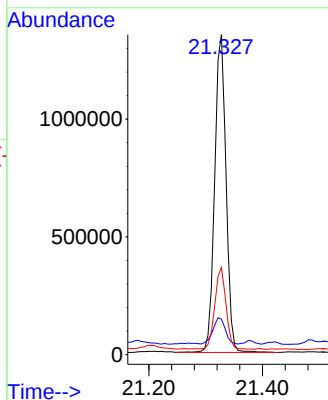
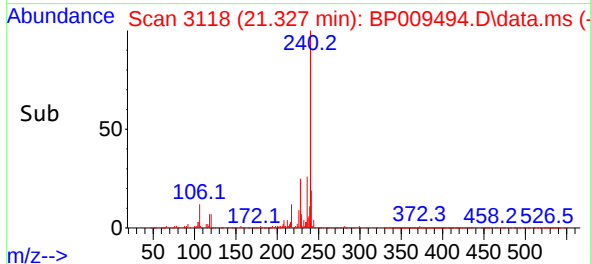
Instrument :
BNA_P
ClientSampleId :
VNJ-237



Tgt Ion:240 Resp: 1868934
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 27.3 20.6 30.8

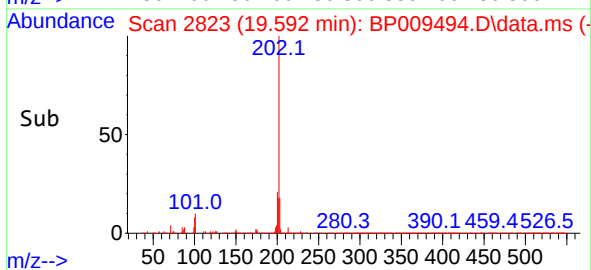
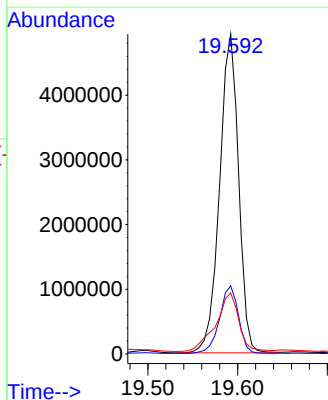
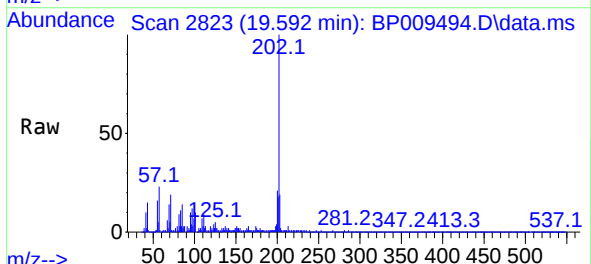
Manual Integrations
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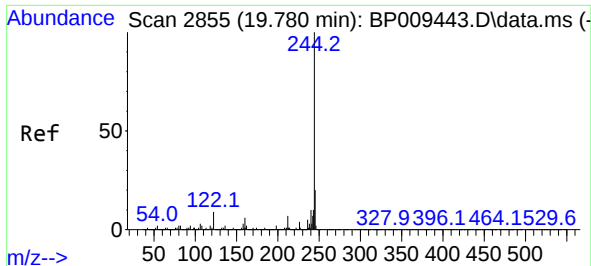
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#78
Pyrene
Concen: 58.779 ng
RT: 19.592 min Scan# 2823
Delta R.T. 0.012 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

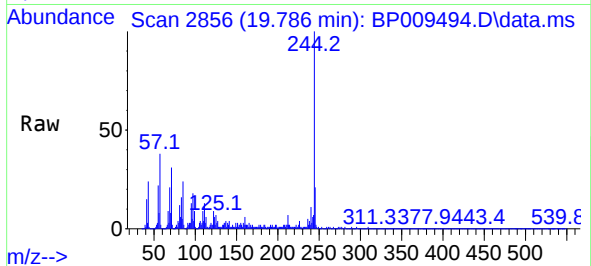
Tgt Ion:202 Resp: 7238843
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 19.0 14.2 21.4





#79
 Terphenyl-d14
 Concen: 48.460 ng
 RT: 19.786 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP009494.D
 Acq: 22 Mar 2022 18:37

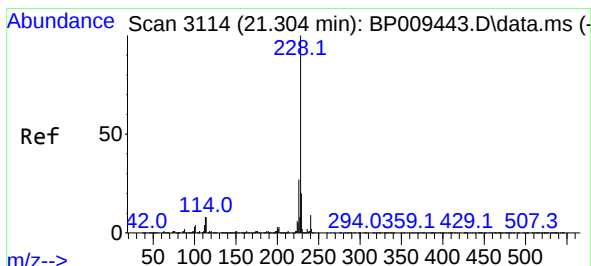
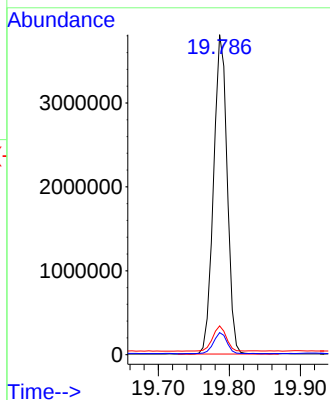
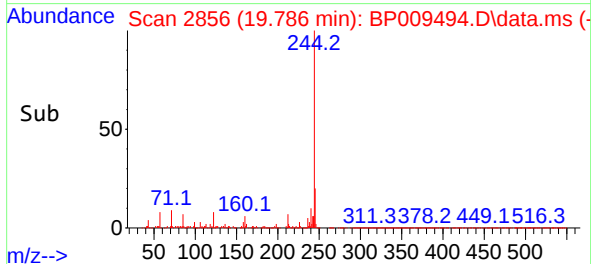
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-237



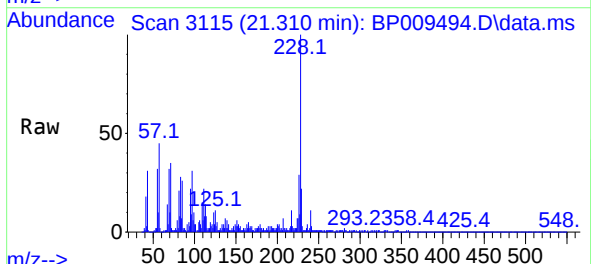
Tgt Ion:244 Resp: 5045911
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 9.0 8.3 12.5

Manual Integrations
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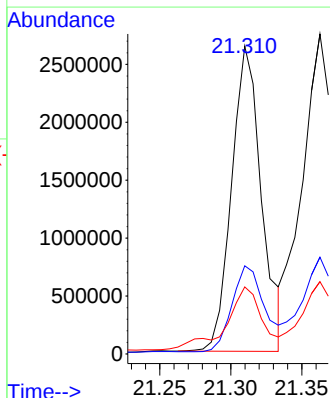
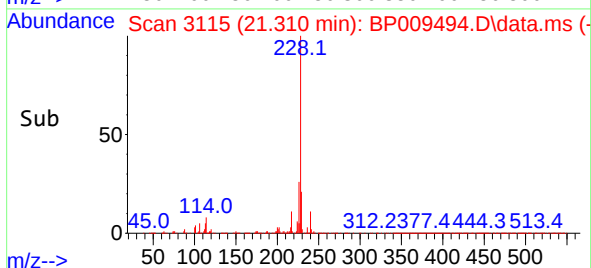
Reviewed By :Christian Giraldo 03/23/2022
 Supervised By :Jagrut Upadhyay 03/23/2022

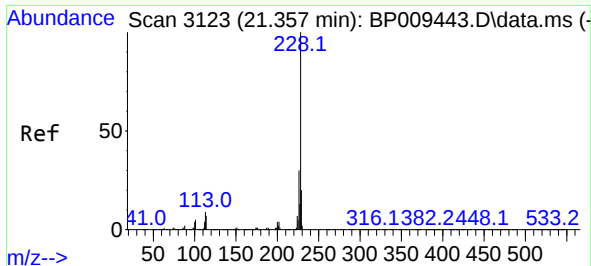


#81
 Benzo(a)anthracene
 Concen: 31.404 ng
 RT: 21.310 min Scan# 3115
 Delta R.T. 0.006 min
 Lab File: BP009494.D
 Acq: 22 Mar 2022 18:37



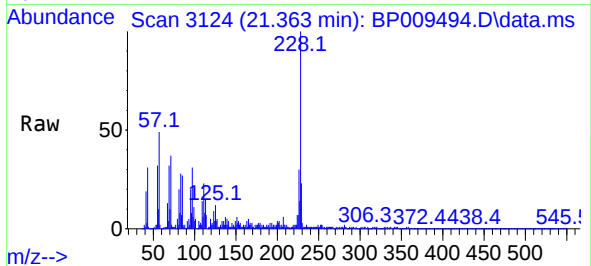
Tgt Ion:228 Resp: 3855975
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.0 33.0
 229 21.8 16.1 24.1





#83
Chrysene
Concen: 36.443 ng
RT: 21.363 min Scan# 3123
Delta R.T. 0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

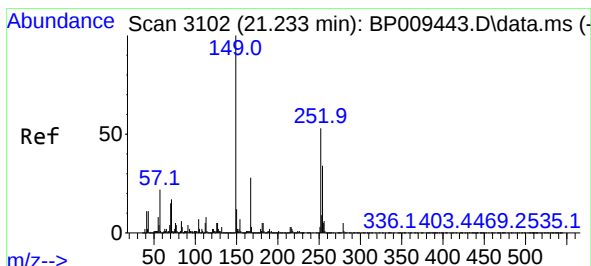
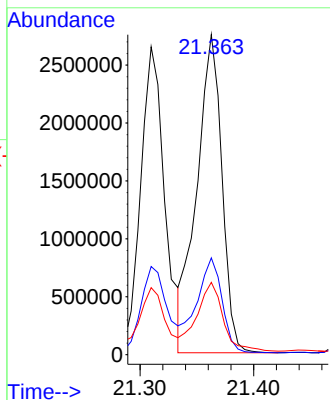
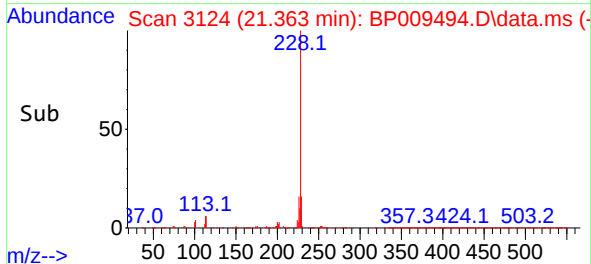
Instrument :
BNA_P
ClientSampleId :
VNJ-237



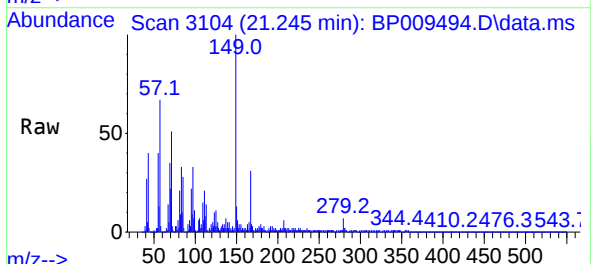
Tgt Ion:228 Resp: 4237170
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 22.6 16.1 24.1

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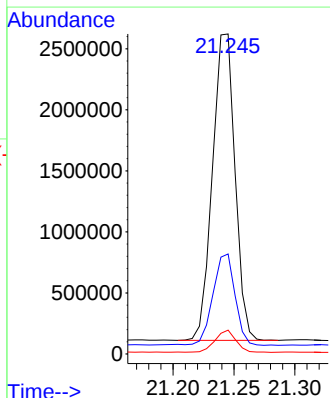
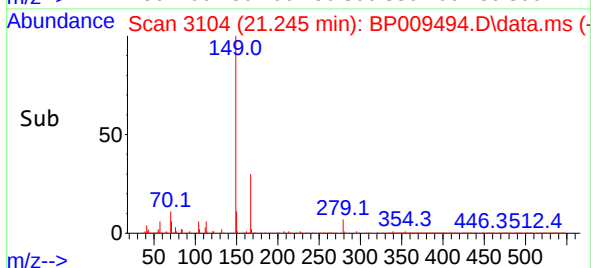
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

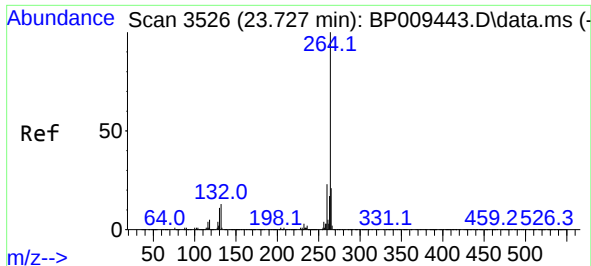


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.405 ng
RT: 21.245 min Scan# 3104
Delta R.T. 0.012 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37



Tgt Ion:149 Resp: 3239896
Ion Ratio Lower Upper
149 100
167 31.2 22.6 33.8
279 7.5 3.8 5.6





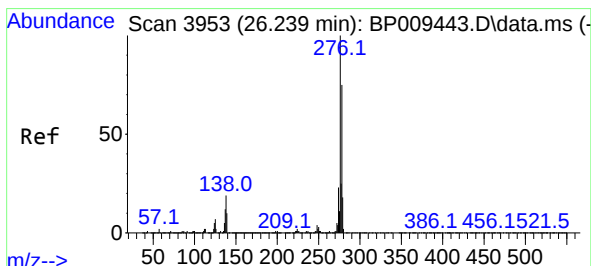
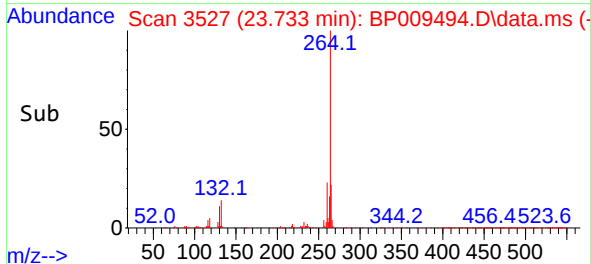
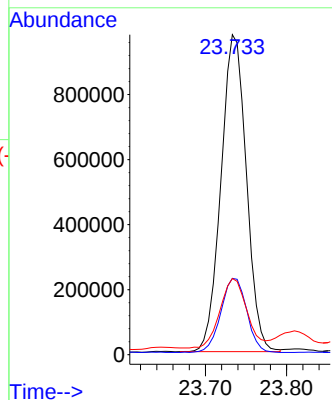
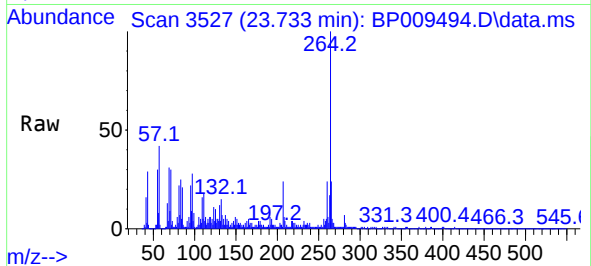
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3526
Delta R.T. 0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Instrument :
BNA_P
ClientSampleId :
VNJ-237

Tgt Ion:264 Resp: 2119740
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 23.8 17.2 25.8

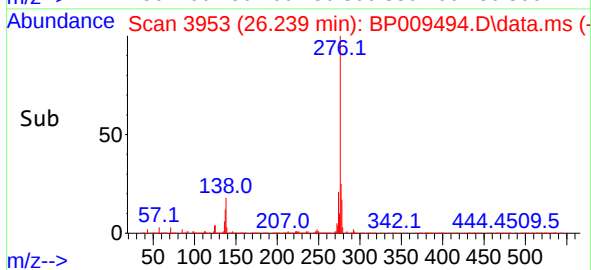
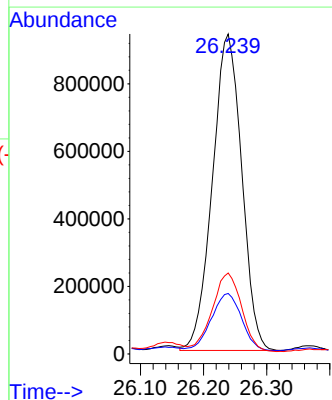
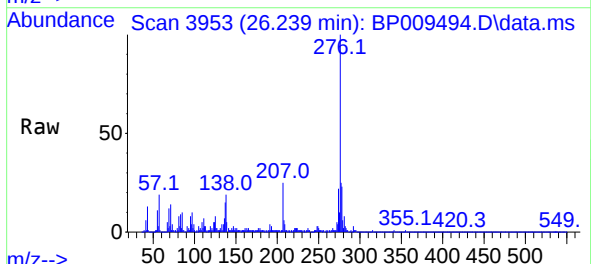
Manual Integrations
APPROVED

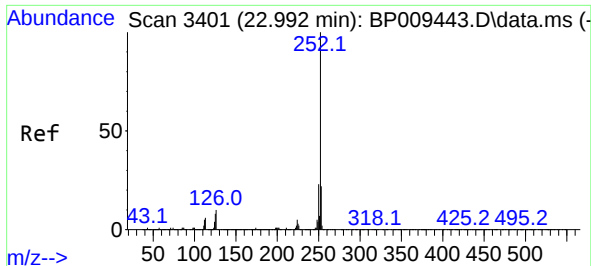
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 18.758 ng
RT: 26.239 min Scan# 3953
Delta R.T. -0.000 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

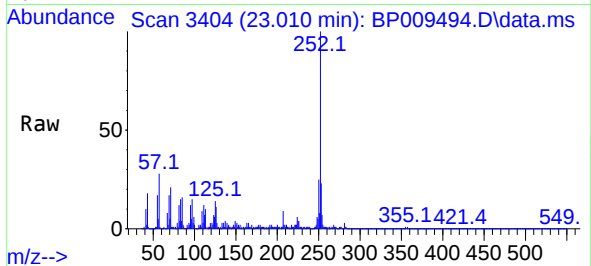
Tgt Ion:276 Resp: 3016732
Ion Ratio Lower Upper
276 100
138 18.6 20.5 30.7#
277 24.9 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 52.217 ng m
RT: 23.010 min Scan# 3404
Delta R.T. 0.018 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

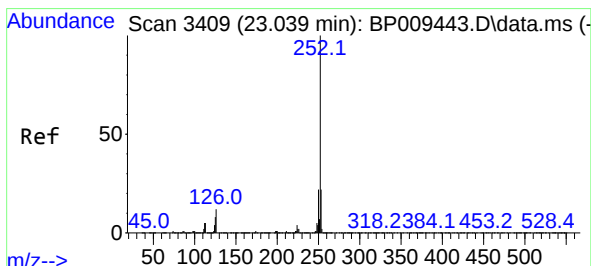
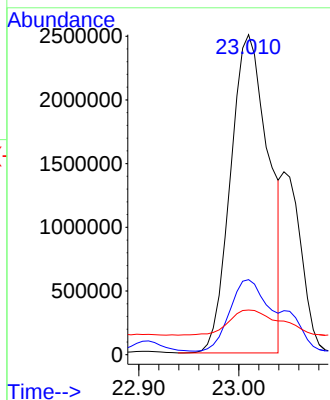
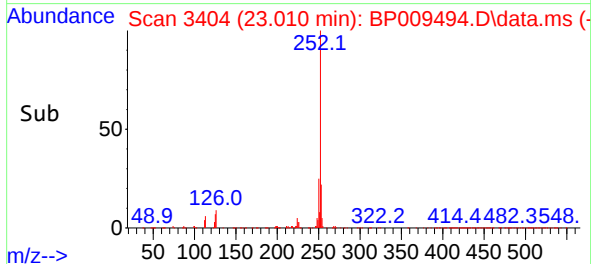
Instrument :
BNA_P
ClientSampleId :
VNJ-237



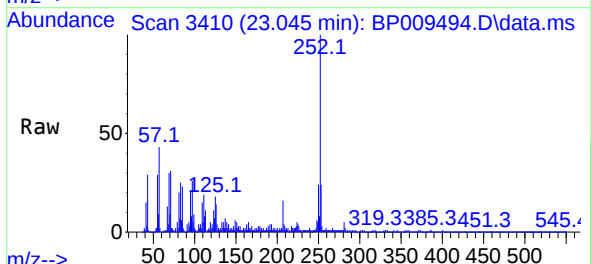
Tgt Ion:252 Resp: 6607750
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 14.0 8.1 12.1

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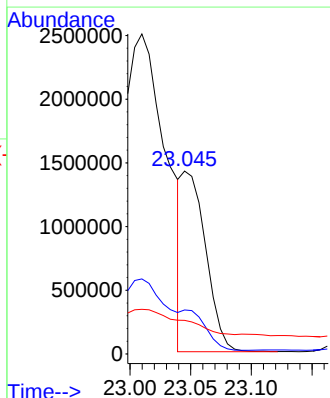
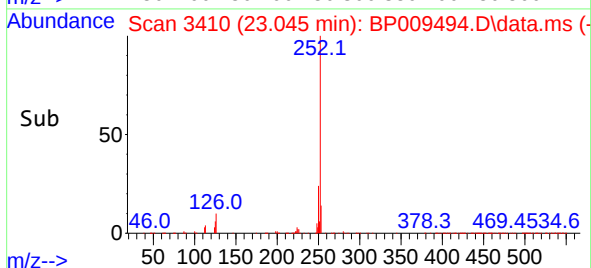
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

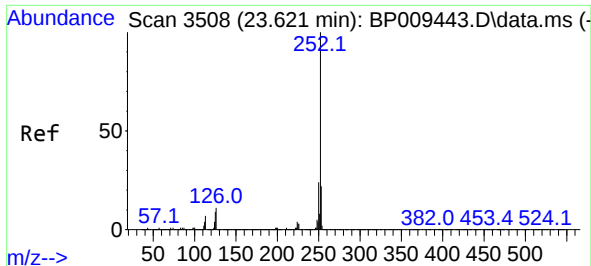


#89
Benzo(k)fluoranthene
Concen: 15.613 ng m
RT: 23.045 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37



Tgt Ion:252 Resp: 1934416
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 18.4 8.3 12.5





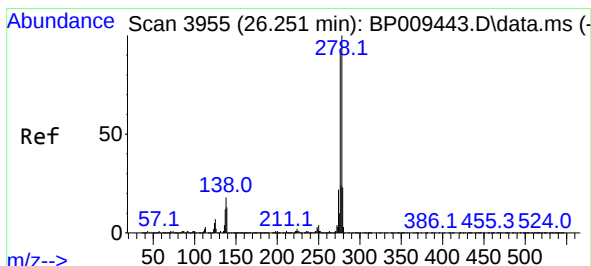
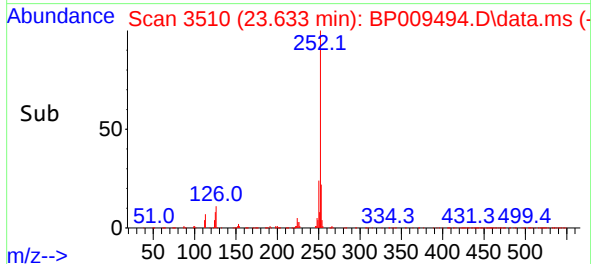
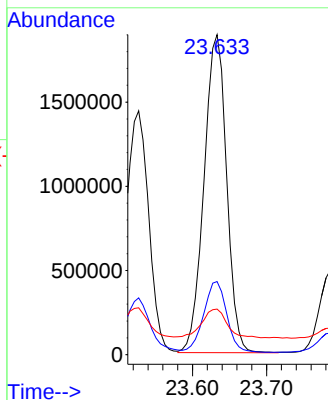
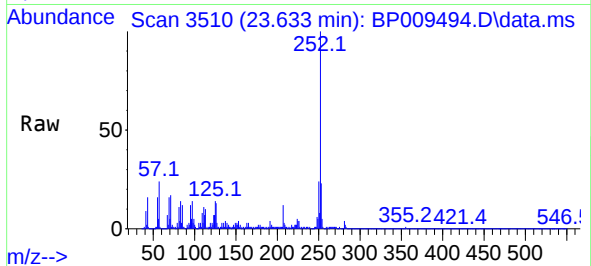
#90
Benzo(a)pyrene
Concen: 36.968 ng
RT: 23.633 min Scan# 3510
Delta R.T. 0.012 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Instrument :
BNA_P
ClientSampleId :
VNJ-237

Tgt Ion:252 Resp: 4002410
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 14.2 9.3 13.9

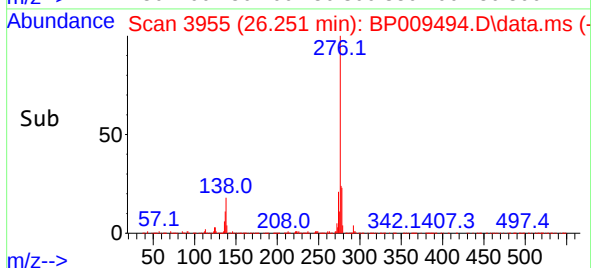
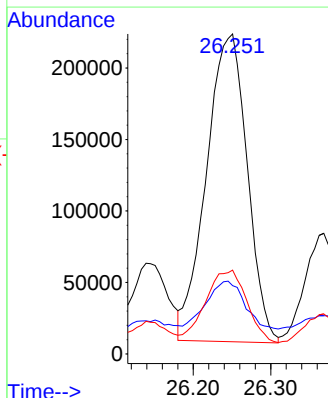
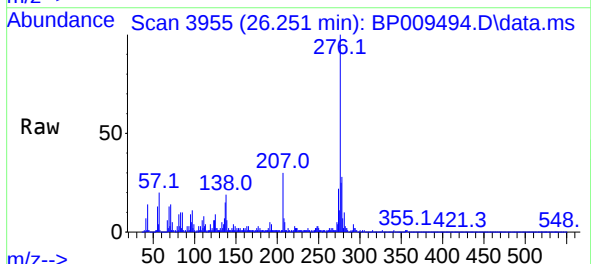
Manual Integrations
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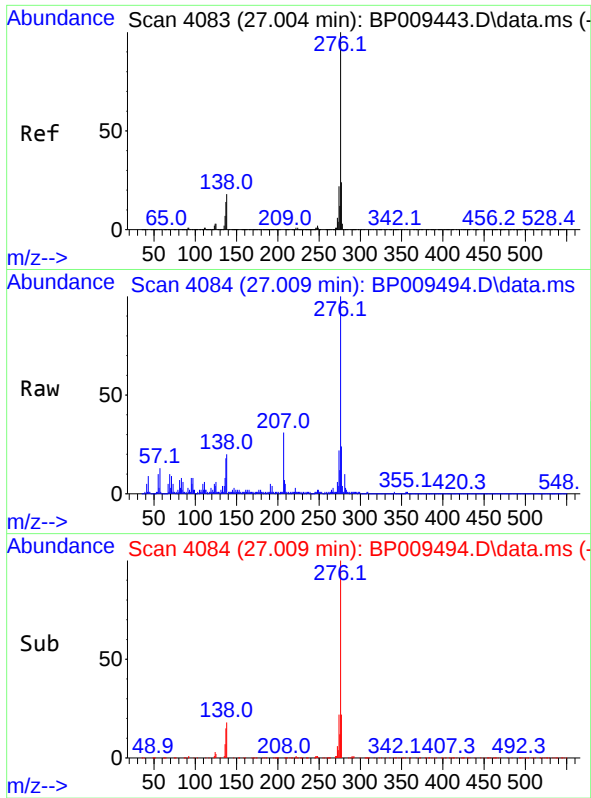
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#91
Dibenzo(a,h)anthracene
Concen: 5.881 ng
RT: 26.251 min Scan# 3955
Delta R.T. -0.000 min
Lab File: BP009494.D
Acq: 22 Mar 2022 18:37

Tgt Ion:278 Resp: 788214
Ion Ratio Lower Upper
278 100
139 21.4 13.2 19.8#
279 26.2 19.2 28.8





#92

Benzo(g,h,i)perylene

Concen: 21.725 ng

RT: 27.009 min Scan# 40

Delta R.T. 0.006 min

Lab File: BP009494.D

Acq: 22 Mar 2022 18:37

Instrument :

BNA_P

ClientSampleId :

VNJ-237

Tgt Ion:276 Resp: 286454

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 19.5 18.0 27.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022

