

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008359.D
 Acq On : 11 Dec 2021 01:37
 Operator : CG/JU
 Sample : M4990-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 R3-COMP

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/11/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 11 04:03:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	84143	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	258871	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	155787	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	334474	20.000	ng	0.00
76) Chrysene-d12	21.280	240	398192	20.000	ng	0.00
86) Perylene-d12	23.662	264	463305	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	447519	85.634	ng	0.00
7) Phenol-d6	6.952	99	539676	76.499	ng	0.00
23) Nitrobenzene-d5	8.922	82	383472	67.361	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	170683	85.718	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	694676	64.771	ng	0.00
79) Terphenyl-d14	19.751	244	1146269	60.162	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.981	94	15942	2.199	ng	# 80
71) Phenanthrene	17.216	178	83957	4.754	ng	98
75) Fluoranthene	19.198	202	149959	6.304	ng	99
78) Pyrene	19.551	202	142397	3.279	ng	99
81) Benzo(a)anthracene	21.268	228	90949	3.446	ng	96
83) Chrysene	21.321	228	97385m	3.878	ng	
88) Benzo(b)fluoranthene	22.945	252	123970	4.439	ng	# 88
90) Benzo(a)pyrene	23.562	252	89760	3.760	ng	# 91
92) Benzo(g,h,i)perylene	26.903	276	57805	2.047	ng	94

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

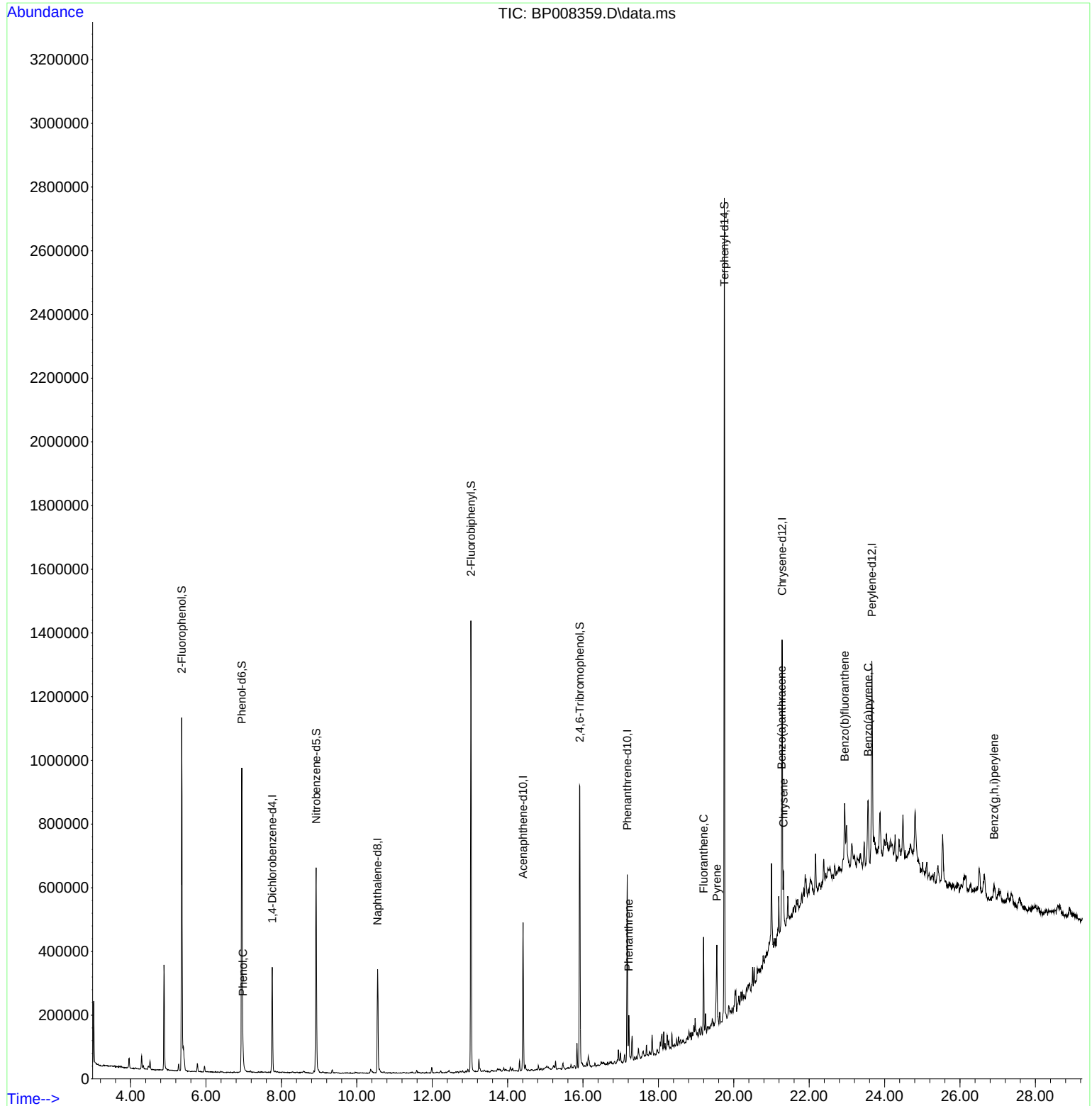
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Data File : BP008359.D
Acq On : 11 Dec 2021 01:37
Operator : CG/JU
Sample : M4990-17
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ALS Vial : 18 Sample Multiplier: 1

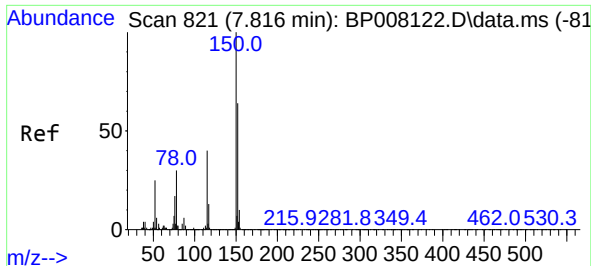
Instrument :
BNA_P
ClientSampleId :
R3-COMP

Quant Time: Dec 11 04:03:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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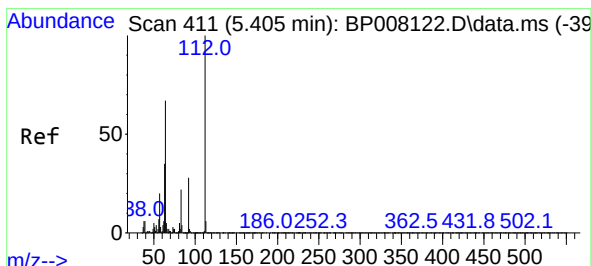
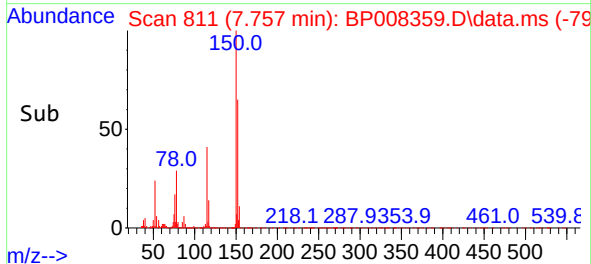
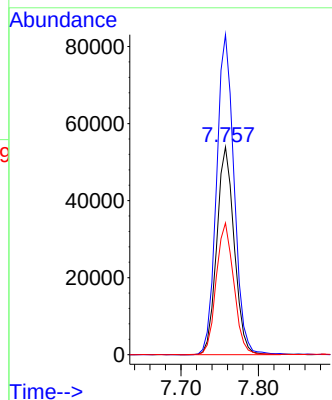
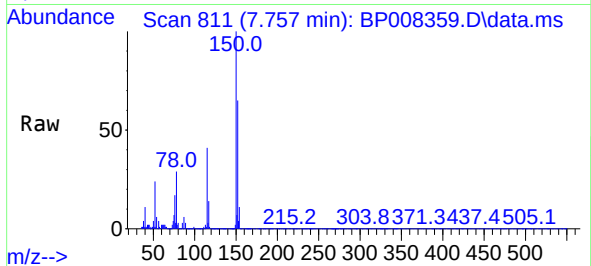
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Instrument :
BNA_P
ClientSampleId :
R3-COMP

Tgt Ion:152 Resp: 8414
Ion Ratio Lower Upper
152 100
150 154.1 125.7 188.5
115 63.4 50.7 76.1

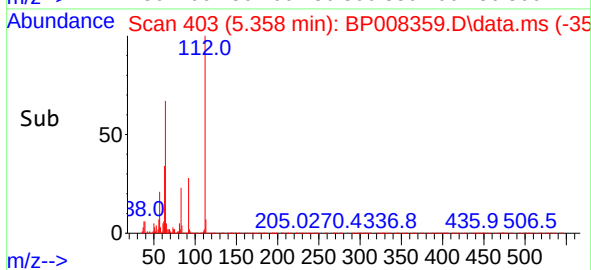
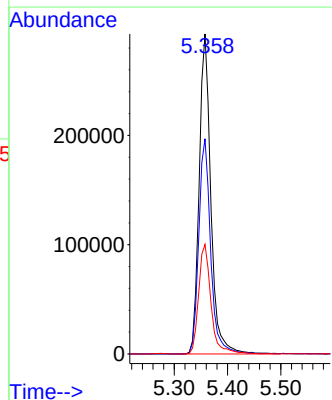
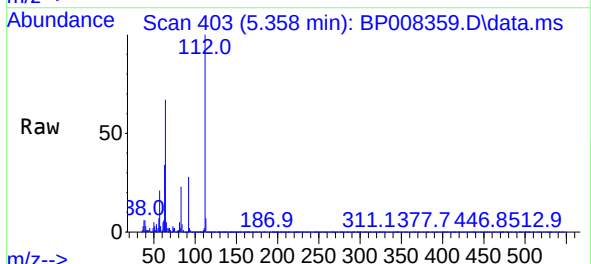
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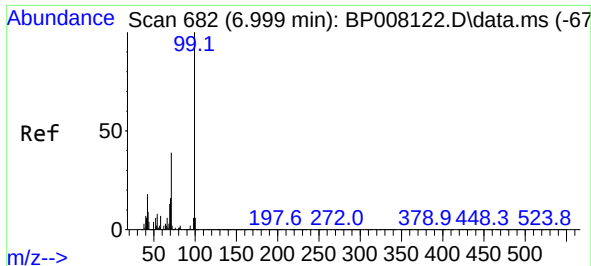
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#5
2-Fluorophenol
Concen: 85.634 ng
RT: 5.358 min Scan# 403
Delta R.T. -0.000 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Tgt Ion:112 Resp: 447519
Ion Ratio Lower Upper
112 100
64 67.3 53.4 80.2
63 34.2 27.8 41.8





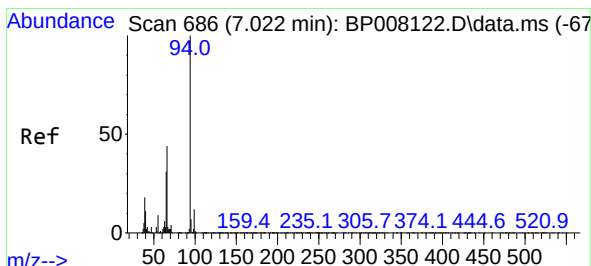
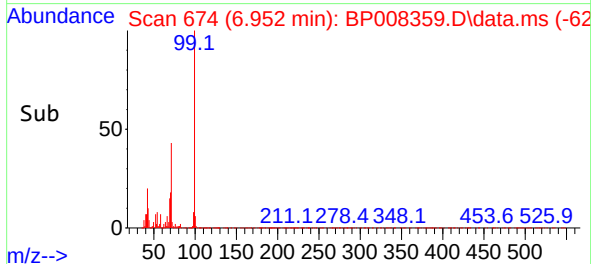
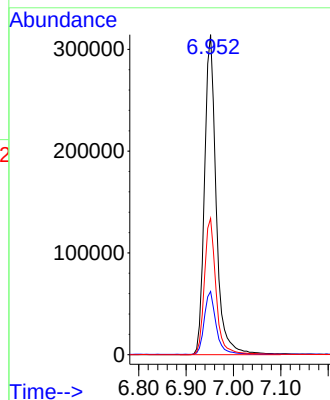
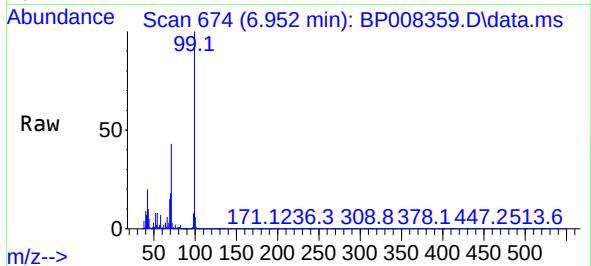
#7
Phenol-d6
Concen: 76.499 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Instrument :
BNA_P
ClientSampleId :
R3-COMP

Tgt Ion: 99 Resp: 539670
Ion Ratio Lower Upper
99 100
42 19.8 14.6 22.0
71 42.6 31.1 46.7

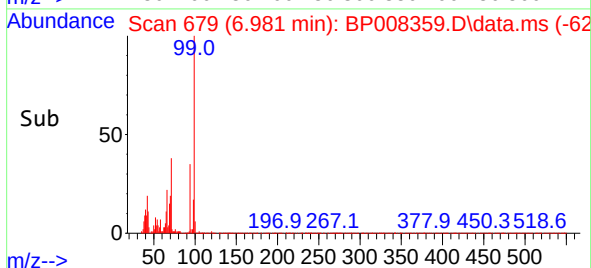
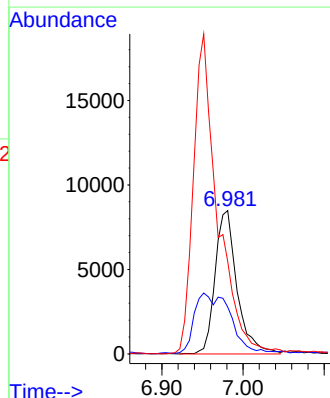
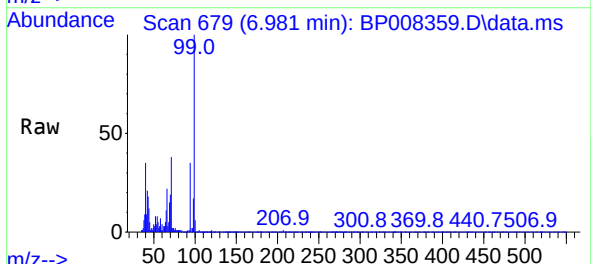
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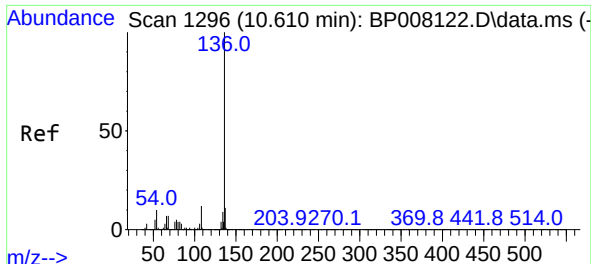
Reviewed By :Christian Giraldo 12/11/2021
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#10
Phenol
Concen: 2.199 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Tgt Ion: 94 Resp: 15942
Ion Ratio Lower Upper
94 100
65 32.7 10.9 50.9
66 64.5 24.3 64.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Instrument :

BNA_P

ClientSampleId :

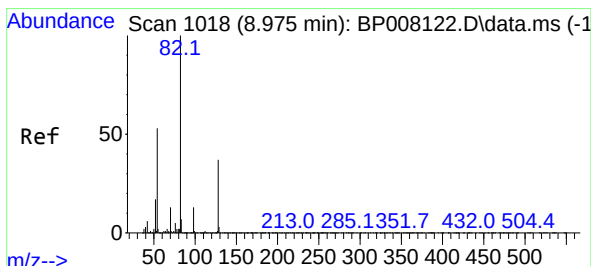
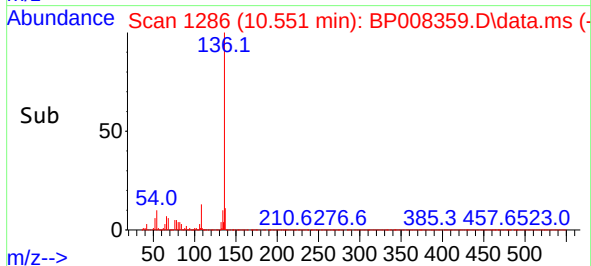
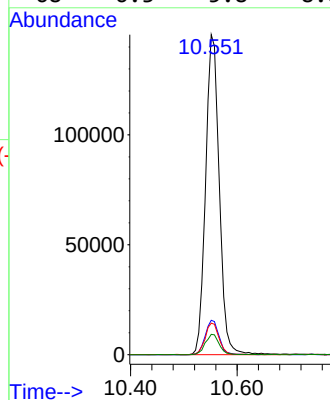
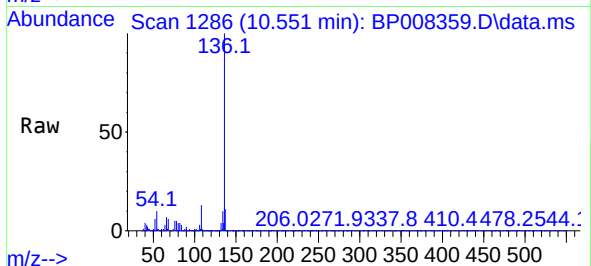
R3-COMP

Tgt Ion:136 Resp: 25887
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.9 8.2 12.4
68 6.3 5.8 8.8

Manual Integrations

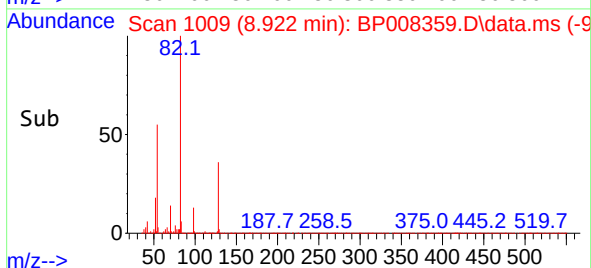
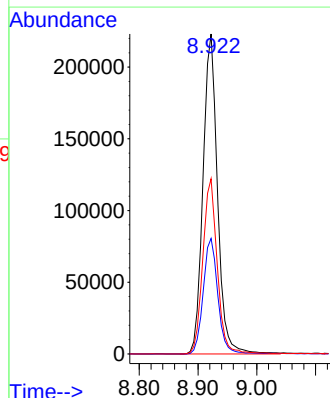
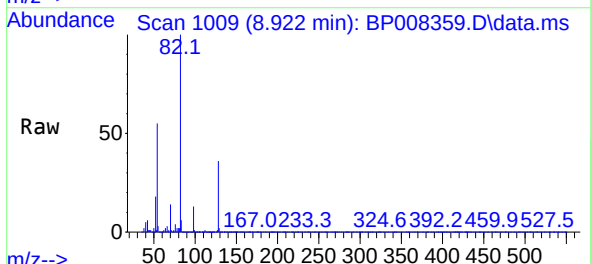
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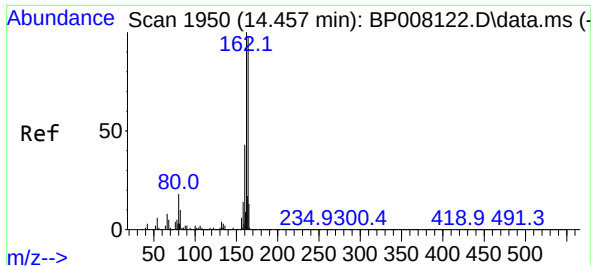
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#23
Nitrobenzene-d5
Concen: 67.361 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

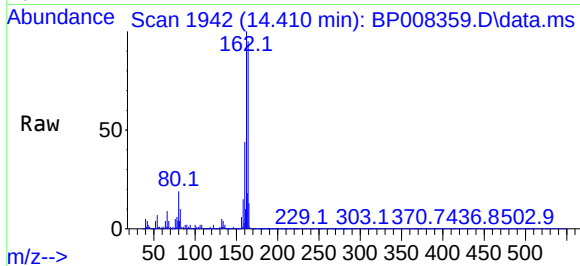
Tgt Ion: 82 Resp: 383472
Ion Ratio Lower Upper
82 100
128 36.1 29.6 44.4
54 54.8 42.7 64.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

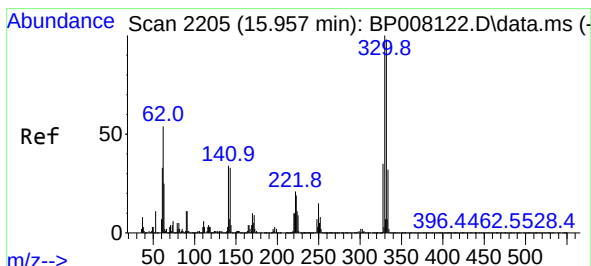
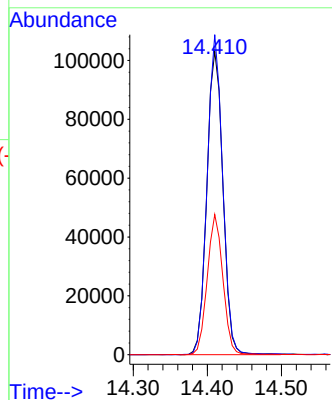
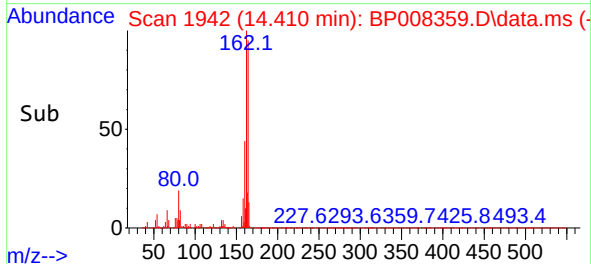
Instrument :
BNA_P
ClientSampleId :
R3-COMP



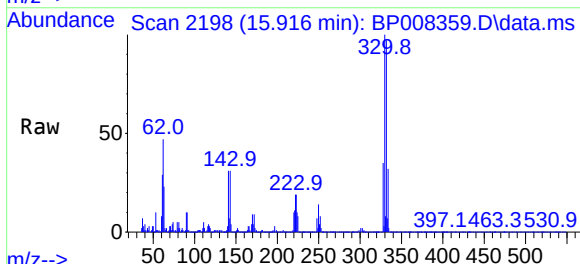
Tgt Ion:164 Resp: 15578
Ion Ratio Lower Upper
164 100
162 105.5 81.9 122.9
160 46.2 35.4 53.0

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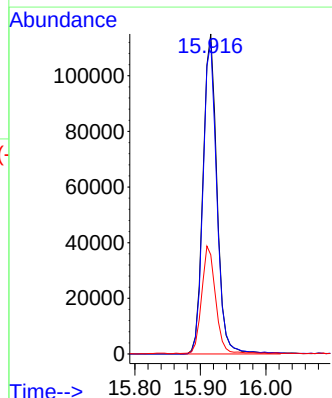
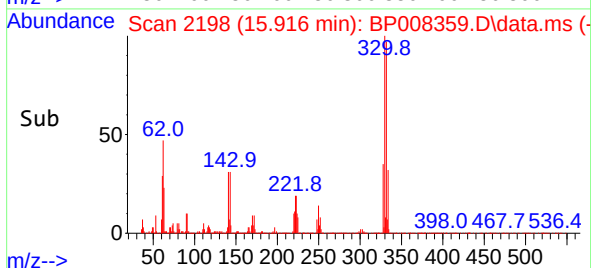
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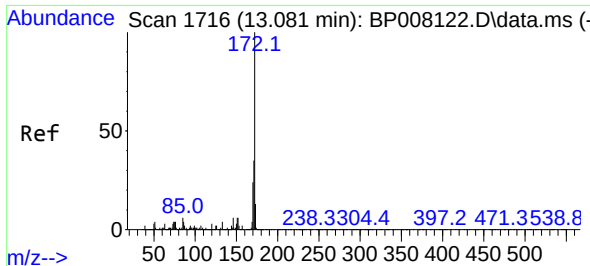


#42
2,4,6-Tribromophenol
Concen: 85.718 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37



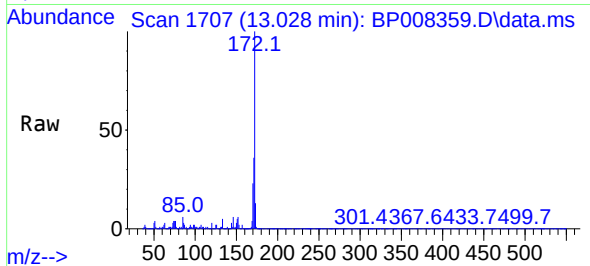
Tgt Ion:330 Resp: 170683
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 33.5 28.4 42.6





#45
2-Fluorobiphenyl
Concen: 64.771 ng
RT: 13.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

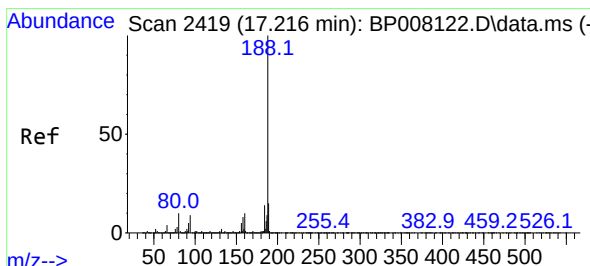
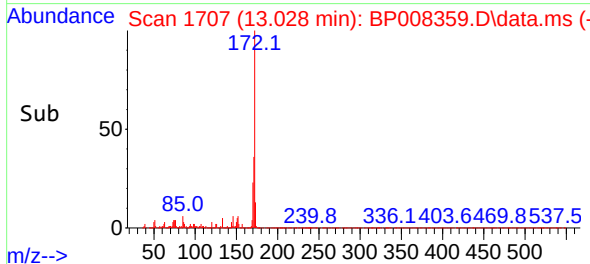
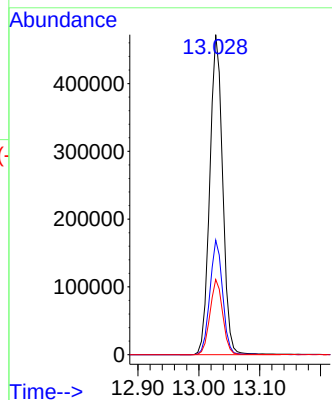
Instrument :
BNA_P
ClientSampleId :
R3-COMP



Tgt Ion:172 Resp: 694670
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.5 18.9 28.3

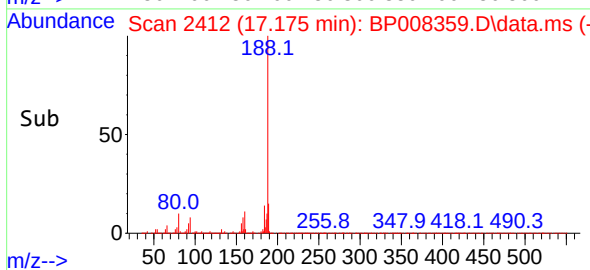
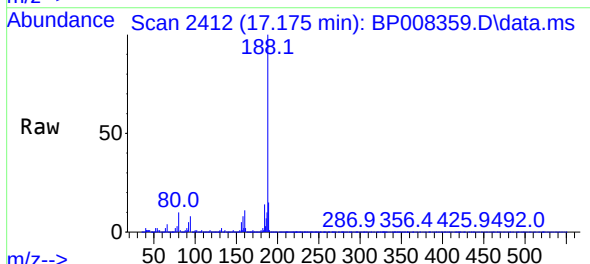
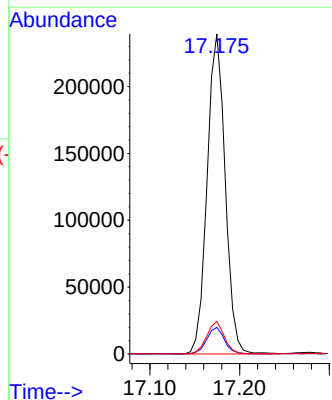
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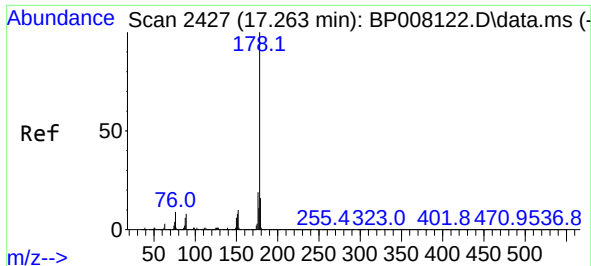
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Tgt Ion:188 Resp: 334474
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 10.2 8.2 12.4





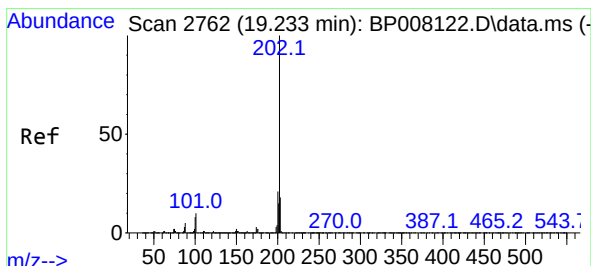
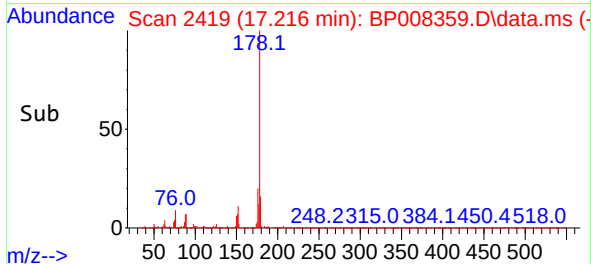
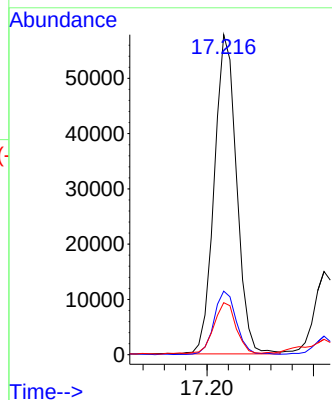
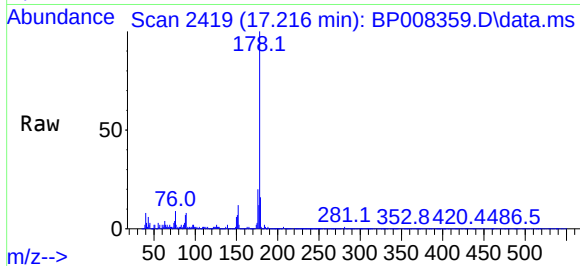
#71
Phenanthrene
Concen: 4.754 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Instrument :
BNA_P
ClientSampleId :
R3-COMP

Tgt Ion:178 Resp: 8395
Ion Ratio Lower Upper
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176 19.9 15.3 22.9
179 16.3 12.5 18.7

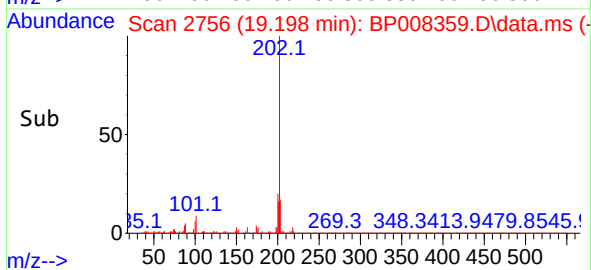
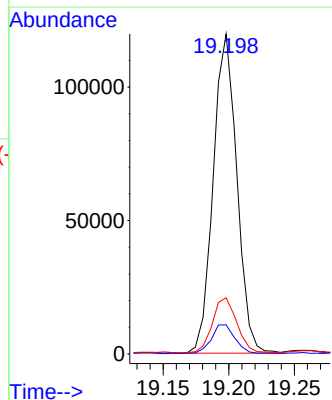
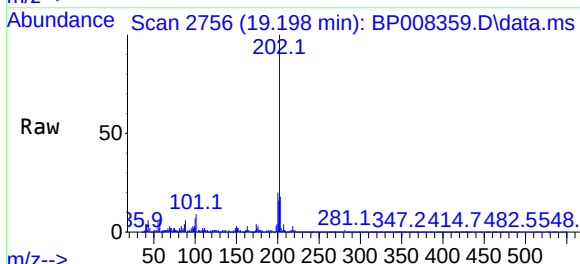
Manual Integrations
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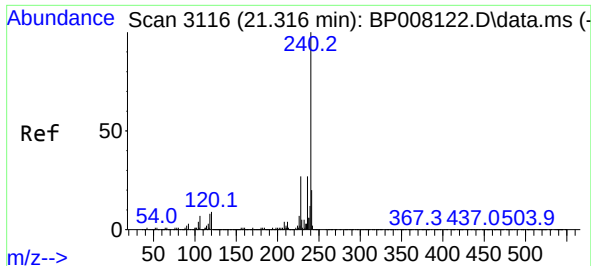
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#75
Fluoranthene
Concen: 6.304 ng
RT: 19.198 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Tgt Ion:202 Resp: 149959
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.8
203 17.6 0.0 37.7





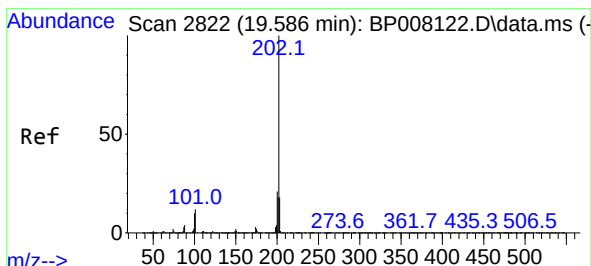
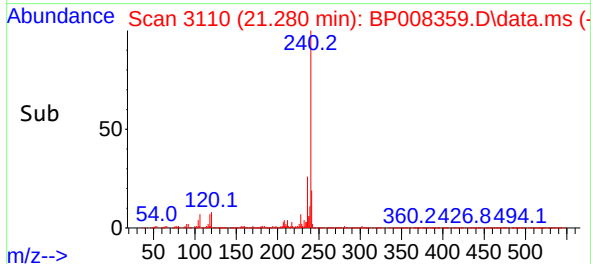
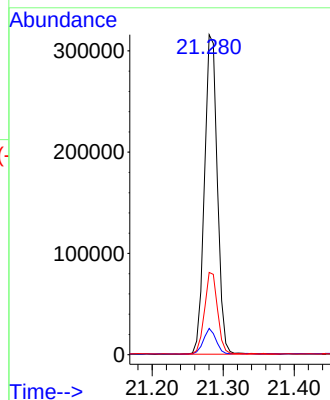
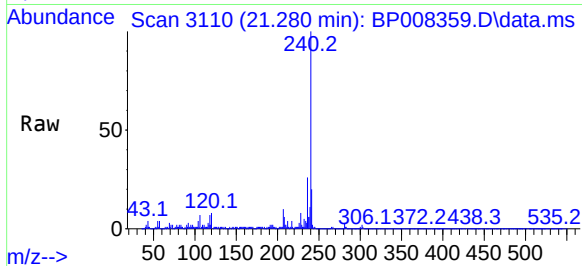
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Instrument :
BNA_P
ClientSampleId :
R3-COMP

Tgt Ion:240 Resp: 398192
Ion Ratio Lower Upper
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120 8.2 7.3 10.9
236 25.7 21.4 32.2

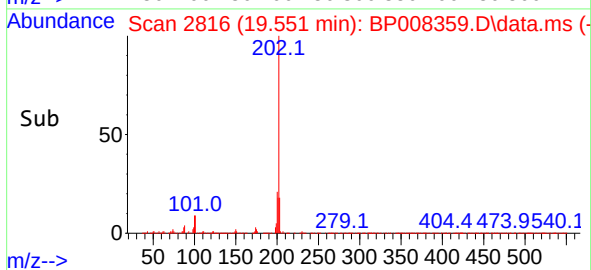
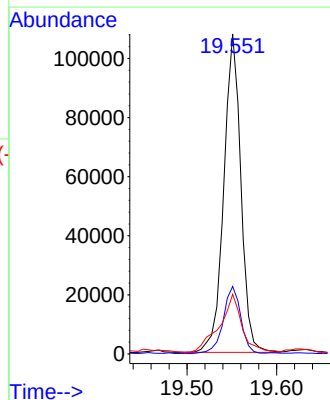
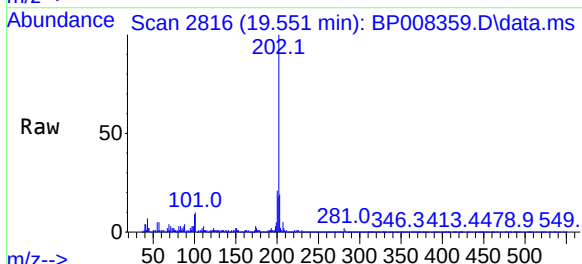
Manual Integrations
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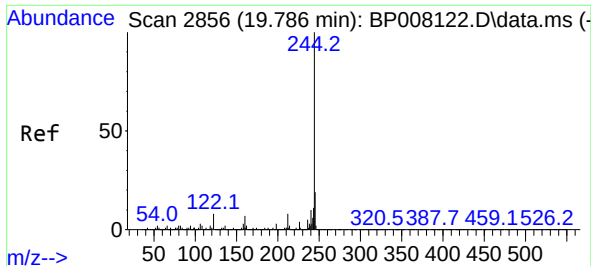
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#78
Pyrene
Concen: 3.279 ng
RT: 19.551 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Tgt Ion:202 Resp: 142397
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 18.7 14.2 21.2





#79
 Terphenyl-d14
 Concen: 60.162 ng
 RT: 19.751 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008359.D
 Acq: 11 Dec 2021 01:37

Instrument :

BNA_P

ClientSampleId :

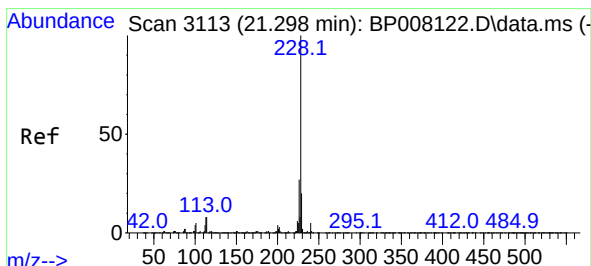
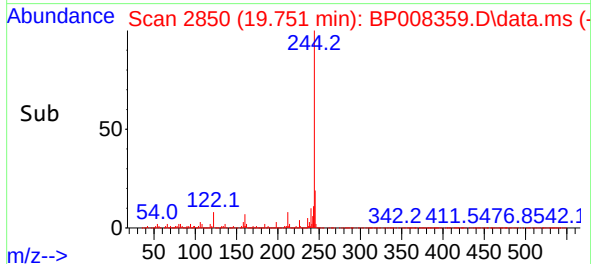
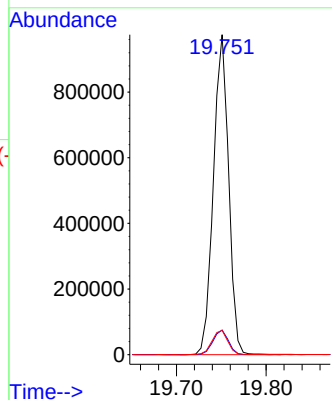
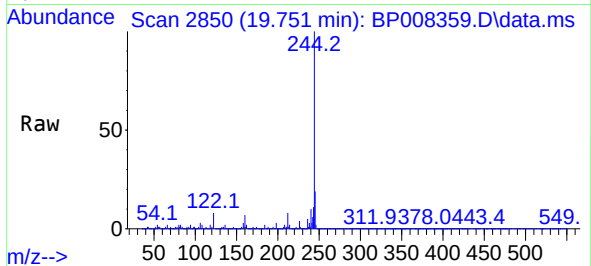
R3-COMP

Tgt Ion:244 Resp: 1146269
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 7.6 6.6 9.8

Manual Integrations

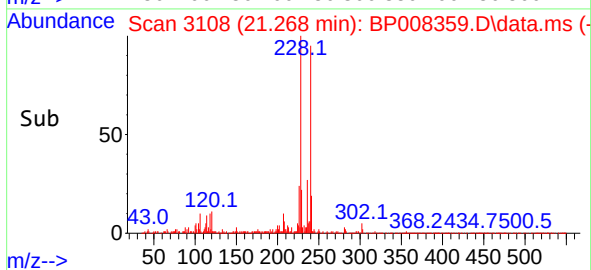
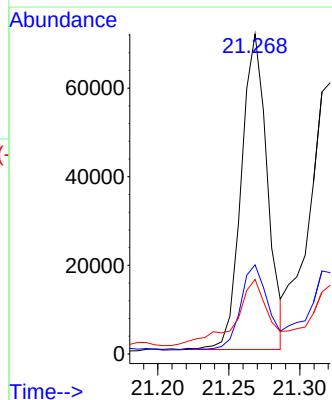
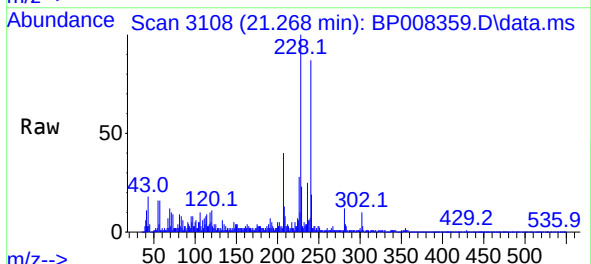
APPROVED

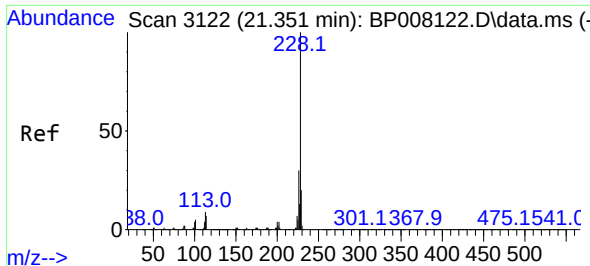
Reviewed By :Christian Giraldo 12/11/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



#81
 Benzo(a)anthracene
 Concen: 3.446 ng
 RT: 21.268 min Scan# 3108
 Delta R.T. -0.006 min
 Lab File: BP008359.D
 Acq: 11 Dec 2021 01:37

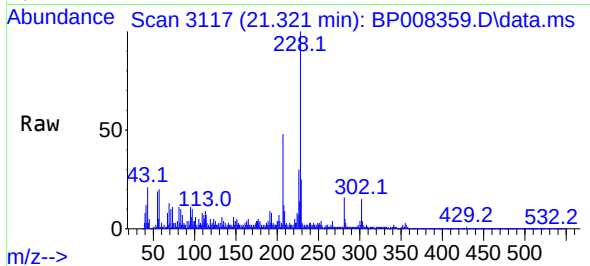
Tgt Ion:228 Resp: 90949
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.9 32.9
 229 23.3 15.9 23.9





#83
Chrysene
Concen: 3.878 ng m
RT: 21.321 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

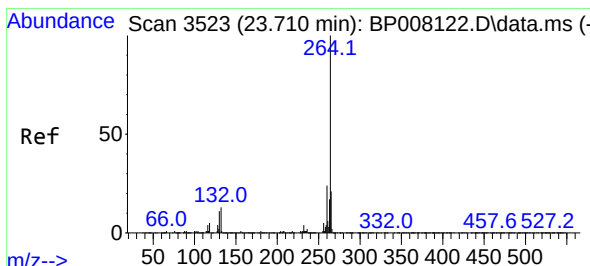
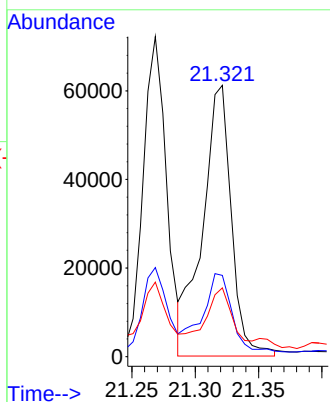
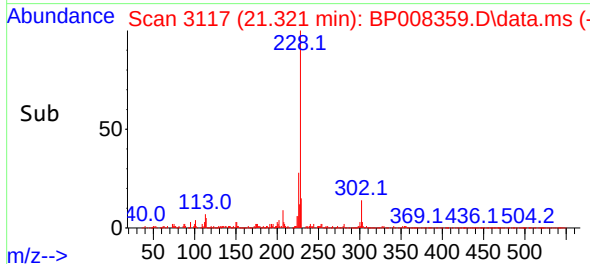
Instrument :
BNA_P
ClientSampleId :
R3-COMP



Tgt Ion:228 Resp: 97385
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 25.3 15.8 23.8

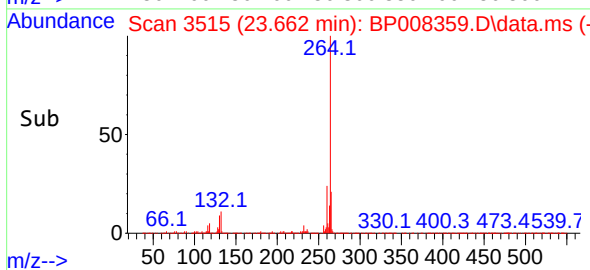
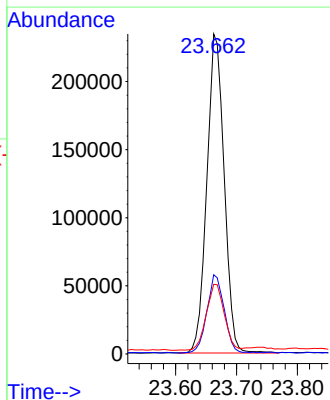
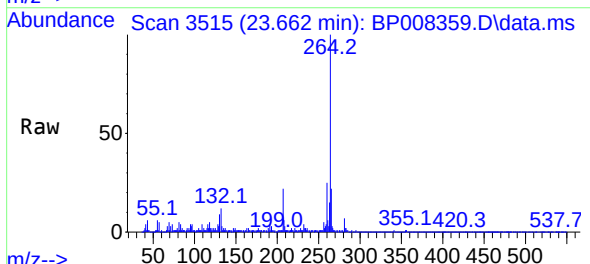
Manual Integrations
APPROVED

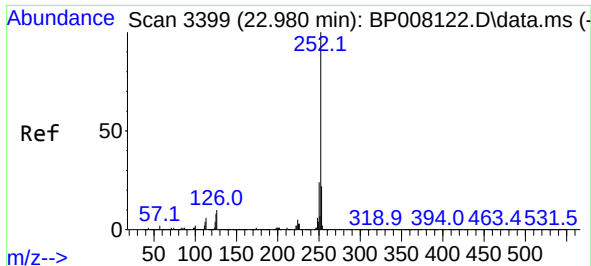
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.662 min Scan# 3515
Delta R.T. -0.012 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

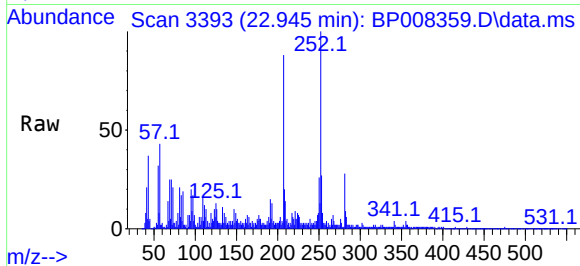
Tgt Ion:264 Resp: 463305
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.8 17.6 26.4





#88
Benzo(b)fluoranthene
Concen: 4.439 ng
RT: 22.945 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

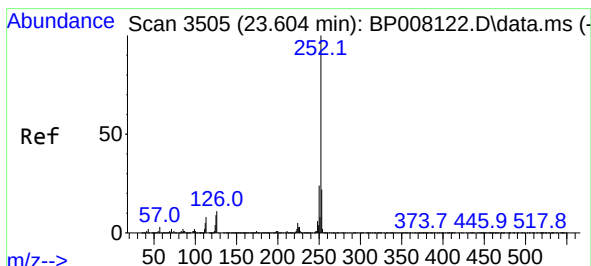
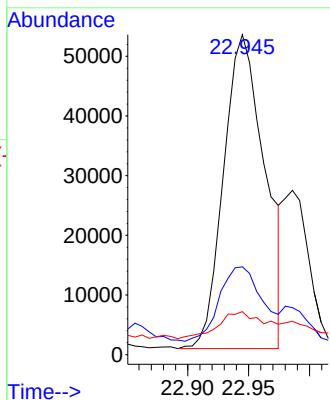
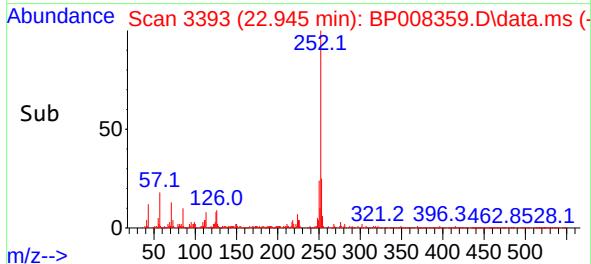
Instrument :
BNA_P
ClientSampleId :
R3-COMP



Tgt Ion:252 Resp: 123970
Ion Ratio Lower Upper
252 100
253 27.5 17.7 26.5
125 13.5 6.2 9.4

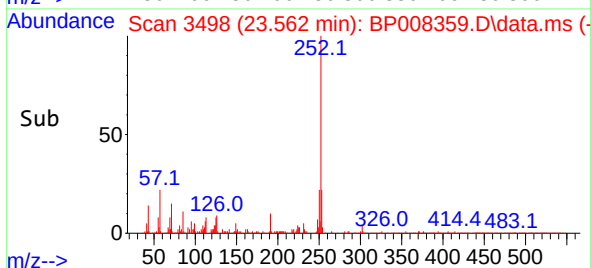
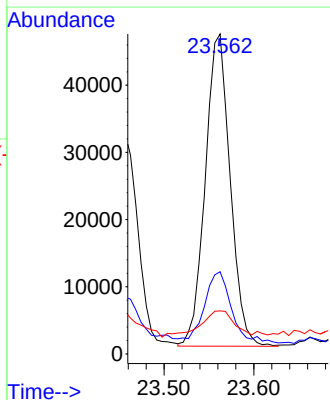
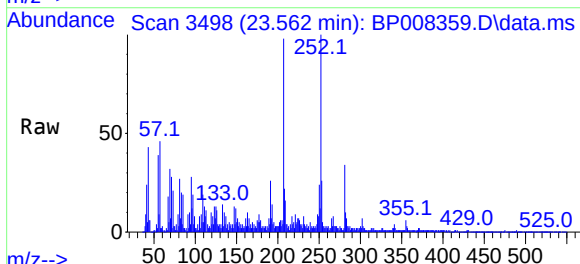
Manual Integrations
APPROVED

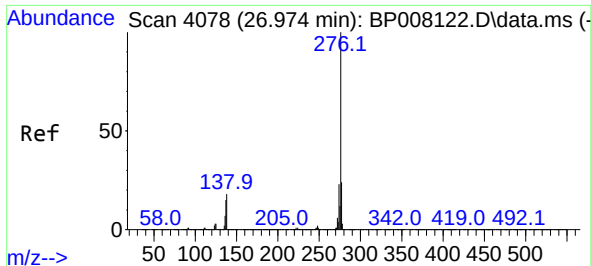
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#90
Benzo(a)pyrene
Concen: 3.760 ng
RT: 23.562 min Scan# 3498
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

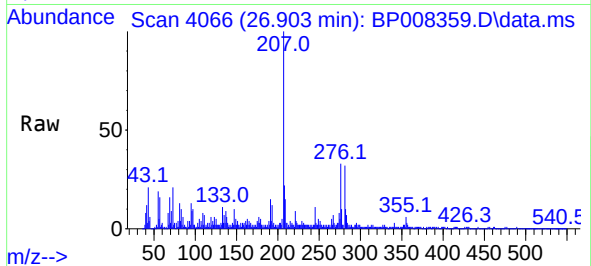
Tgt Ion:252 Resp: 89760
Ion Ratio Lower Upper
252 100
253 25.7 17.6 26.4
125 13.5 7.4 11.0





#92
 Benzo(g,h,i)perylene
 Concen: 2.047 ng
 RT: 26.903 min Scan# 4066
 Delta R.T. -0.018 min
 Lab File: BP008359.D
 Acq: 11 Dec 2021 01:37

Instrument :
 BNA_P
 ClientSampleId :
 R3-COMP



Tgt Ion: 276 Resp: 5780
 Ion Ratio Lower Upper
 276 100
 277 29.7 20.0 30.0
 138 17.1 14.1 21.1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/11/2021
 Supervised By : Jagrut Upadhyay 12/13/2021

