

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008272.D
 Acq On : 08 Dec 2021 03:24
 Operator : CG/JU
 Sample : M4946-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 08 03:55:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	60748	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	221759	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	152999	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	370550	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	437496	20.000	ng	-0.01
86) Perylene-d12	23.698	264	481425	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	35895	9.514	ng	0.00
7) Phenol-d6	6.981	99	41510	8.150	ng	0.00
23) Nitrobenzene-d5	8.951	82	26162	5.365	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	21267	10.875	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	63051	5.986	ng	-0.02
79) Terphenyl-d14	19.769	244	135777	6.486	ng	-0.01
Target Compounds						Qvalue
52) Acenaphthene	14.498	154	52034	6.456	ng	97
55) Dibenzofuran	14.834	168	45734	3.321	ng	98
58) Fluorene	15.486	166	54502	4.871	ng	# 99
71) Phenanthrene	17.239	178	1565896	80.038	ng	100
72) Anthracene	17.328	178	372246	19.172	ng	99
73) Carbazole	17.610	167	165256	8.719	ng	99
75) Fluoranthene	19.222	202	3375236	128.065	ng	98
78) Pyrene	19.574	202	2783791	104.442	ng	100
81) Benzo(a)anthracene	21.292	228	1718718	59.276	ng	99
83) Chrysene	21.345	228	1429010	51.792	ng	97
87) Indeno(1,2,3-cd)pyrene	26.198	276	871970	24.896	ng	# 95
88) Benzo(b)fluoranthene	22.980	252	1820937	62.742	ng	99
89) Benzo(k)fluoranthene	23.015	252	706530m	24.866	ng	
90) Benzo(a)pyrene	23.598	252	1286661m	51.871	ng	
91) Dibenzo(a,h)anthracene	26.204	278	249285	8.570	ng	97
92) Benzo(g,h,i)perylene	26.968	276	777852	26.507	ng	95

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

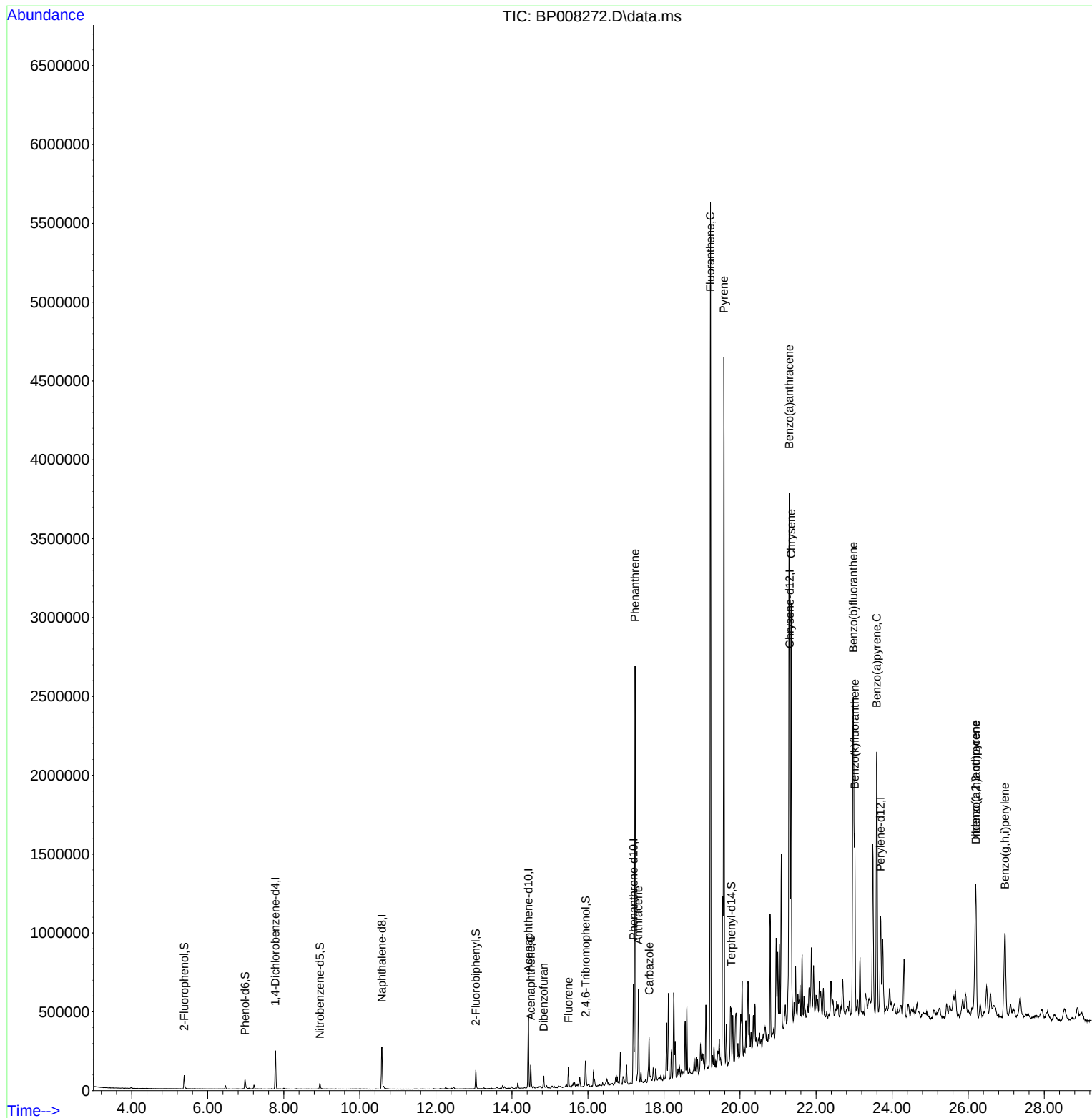
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
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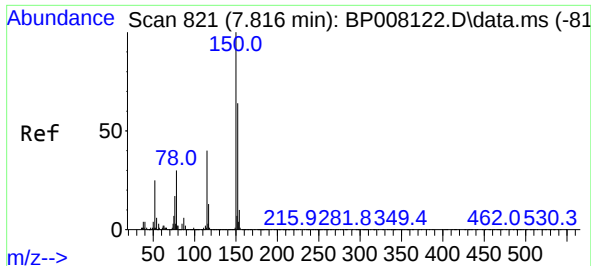
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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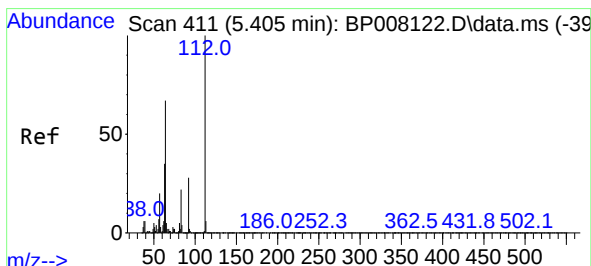
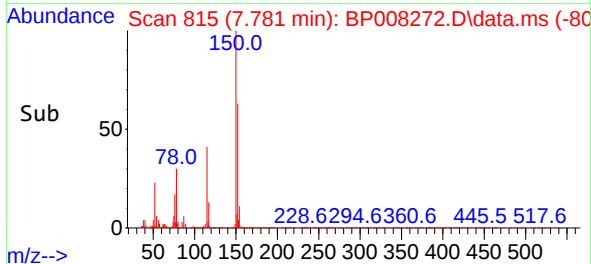
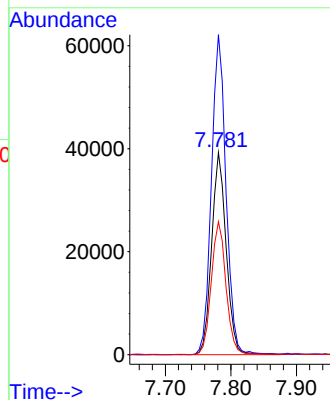
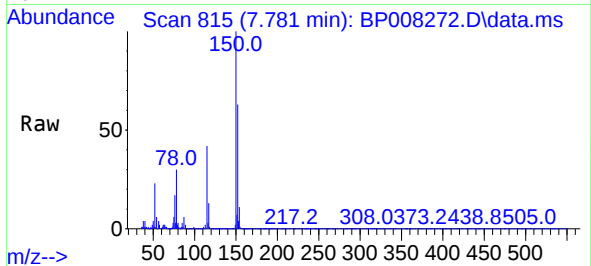
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

Instrument :
BNA_P
ClientSampleId :
COMP-5

Tgt Ion:152 Resp: 60748
Ion Ratio Lower Upper
152 100
150 158.2 125.7 188.5
115 65.7 50.7 76.1

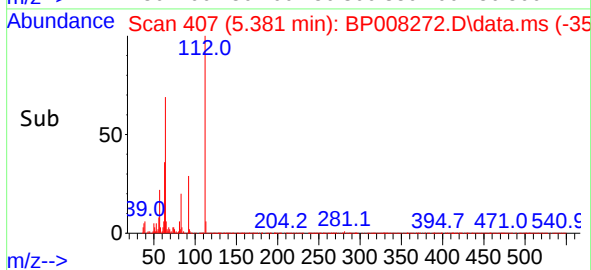
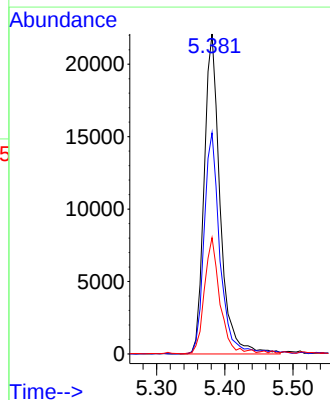
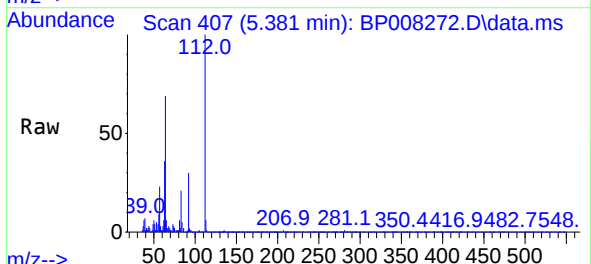
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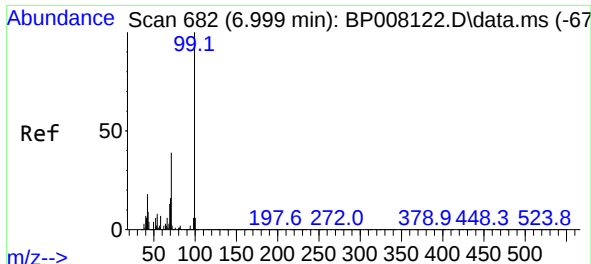
Reviewed By :Jagrut Upadhyay 12/08/2021
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#5
2-Fluorophenol
Concen: 9.514 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

Tgt Ion:112 Resp: 35895
Ion Ratio Lower Upper
112 100
64 69.1 53.4 80.2
63 36.3 27.8 41.8





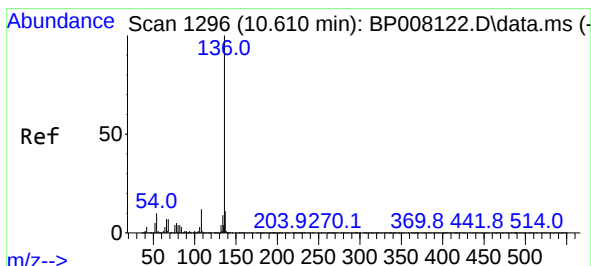
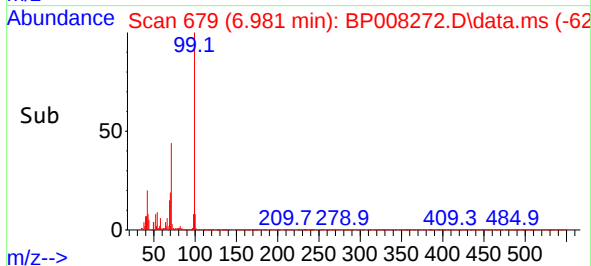
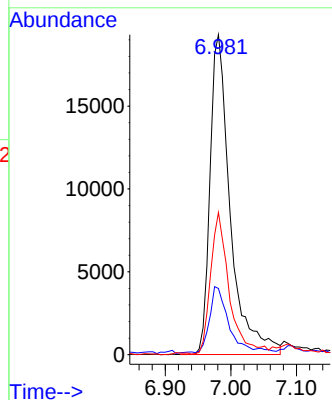
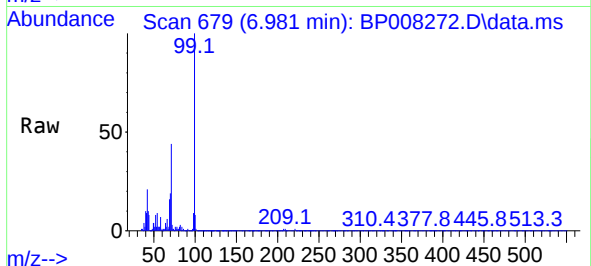
#7
Phenol-d6
Concen: 8.150 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

Instrument :
BNA_P
ClientSampleId :
COMP-5

Tgt Ion: 99 Resp: 41510
Ion Ratio Lower Upper
99 100
42 20.7 14.6 22.0
71 44.4 31.1 46.7

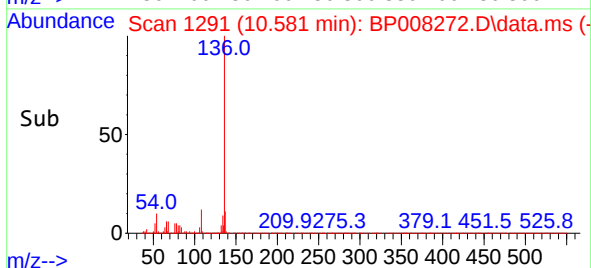
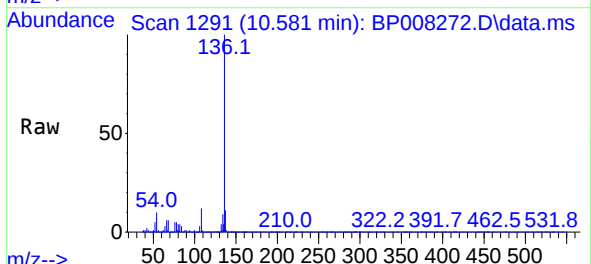
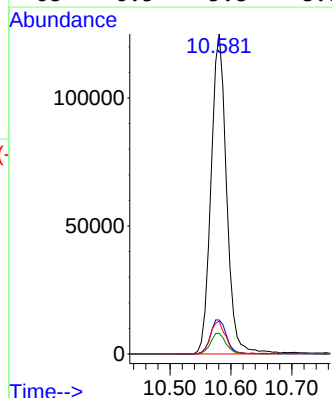
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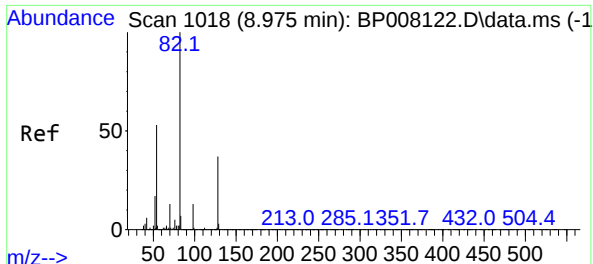
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

Tgt Ion:136 Resp: 221759
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.2 8.2 12.4
68 6.5 5.8 8.8





#23

Nitrobenzene-d5

Concen: 5.365 ng

RT: 8.951 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BP008272.D

Acq: 08 Dec 2021 03:24

Instrument :

BNA_P

ClientSampleId :

COMP-5

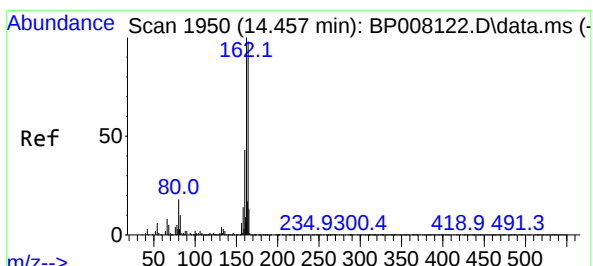
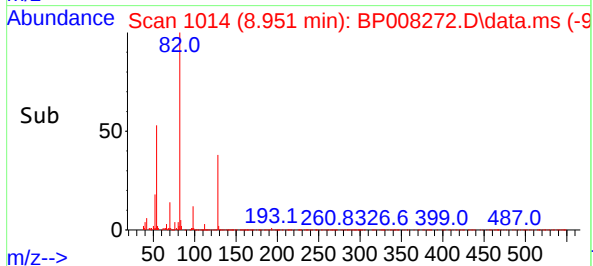
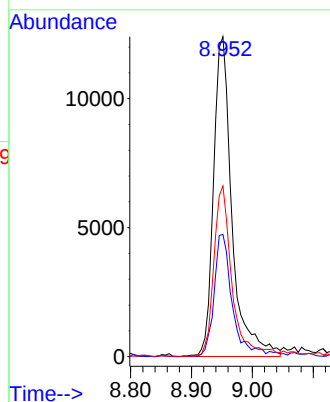
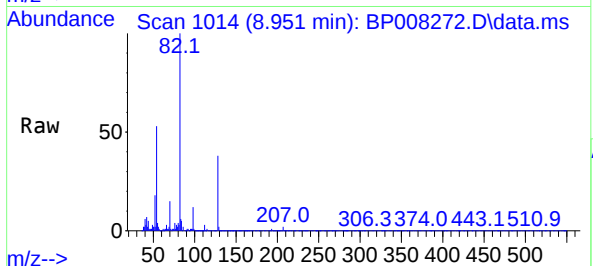
Tgt Ion: 82 Resp: 2616

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.6	44.4
54	53.3	42.7	64.1

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.434 min Scan# 1946

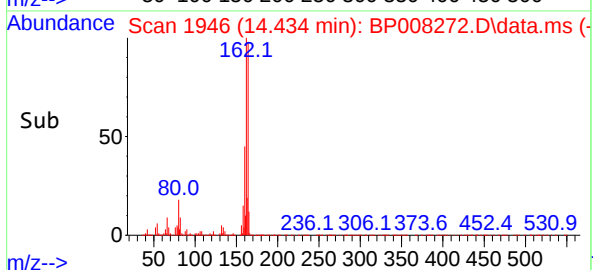
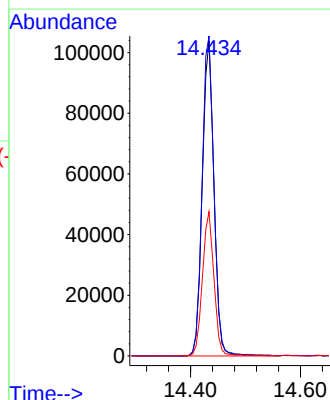
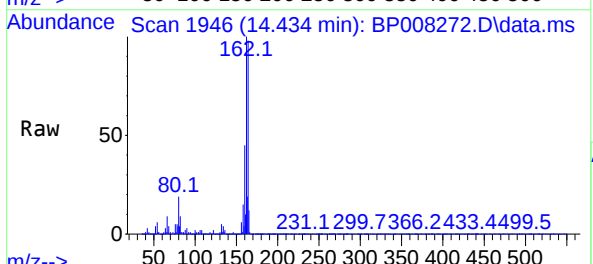
Delta R.T. -0.012 min

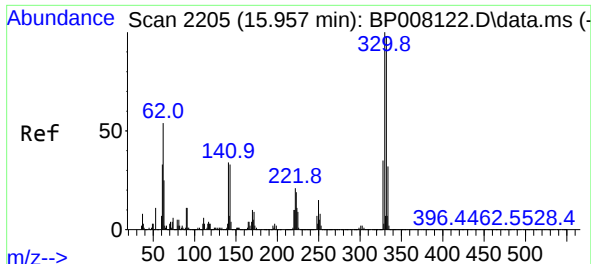
Lab File: BP008272.D

Acq: 08 Dec 2021 03:24

Tgt Ion:164 Resp: 152999

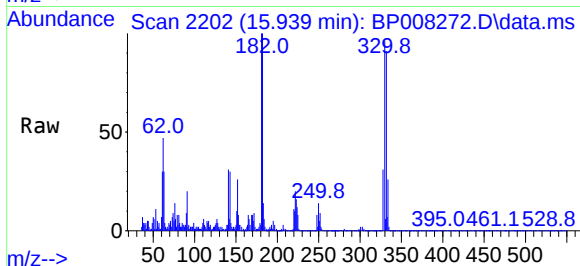
Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.9	122.9
160	45.8	35.4	53.0





#42
2,4,6-Tribromophenol
Concen: 10.875 ng
RT: 15.939 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

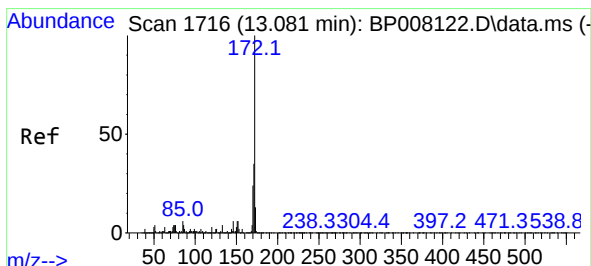
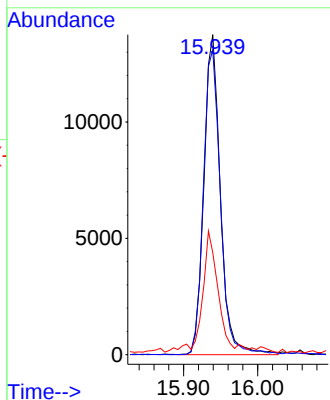
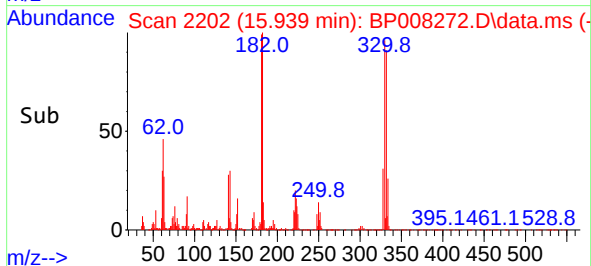
Instrument :
BNA_P
ClientSampleId :
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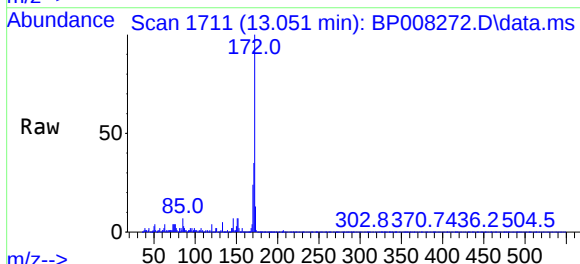
Tgt Ion:330 Resp: 2126
Ion Ratio Lower Upper
330 100
332 98.6 77.0 115.4
141 36.3 28.4 42.6

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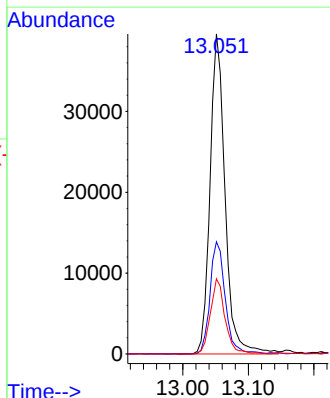
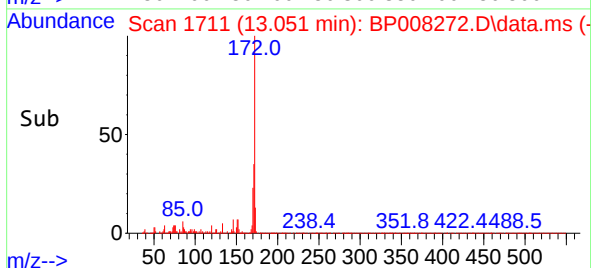
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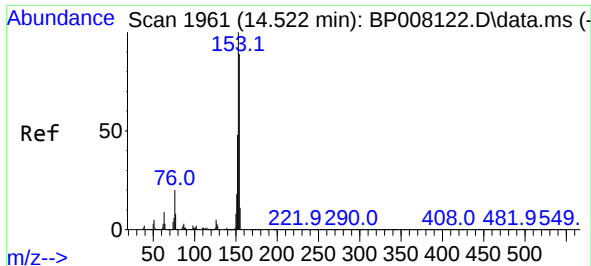


#45
2-Fluorobiphenyl
Concen: 5.986 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24



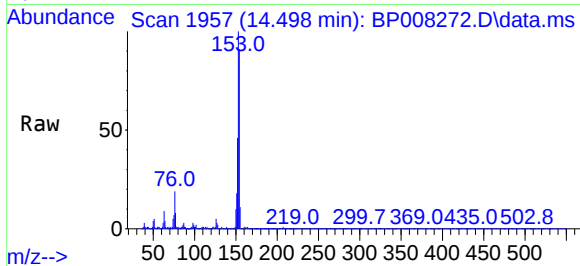
Tgt Ion:172 Resp: 63051
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.5 18.9 28.3





#52
Acenaphthene
Concen: 6.456 ng
RT: 14.498 min Scan# 1961
Delta R.T. -0.018 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

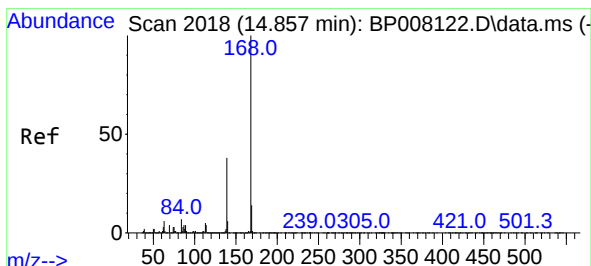
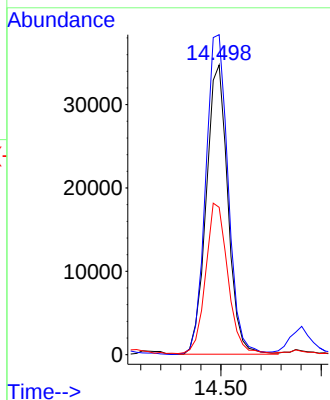
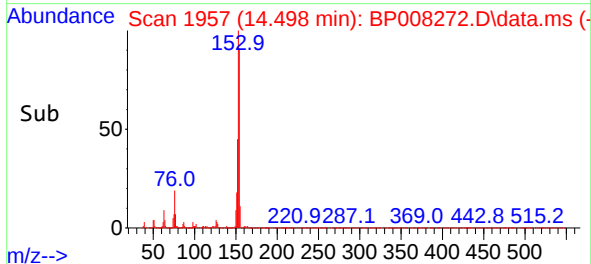
Instrument :
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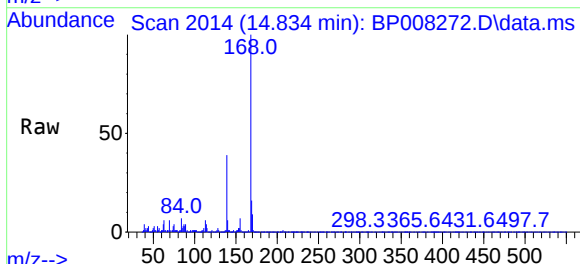
Tgt Ion:154 Resp: 52034
Ion Ratio Lower Upper
154 100
153 110.4 90.3 135.5
152 50.9 43.3 64.9

Manual Integrations
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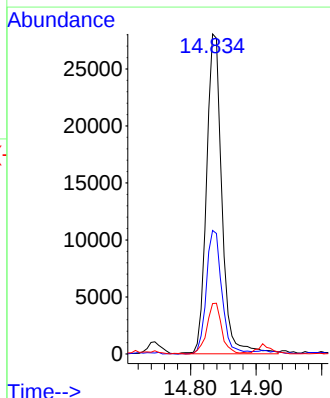
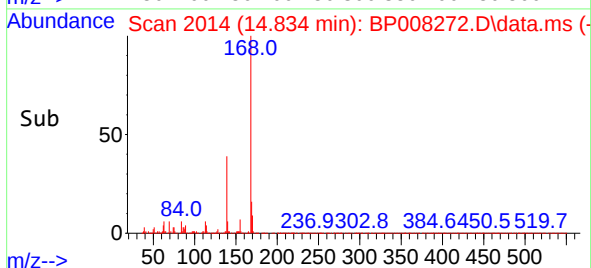
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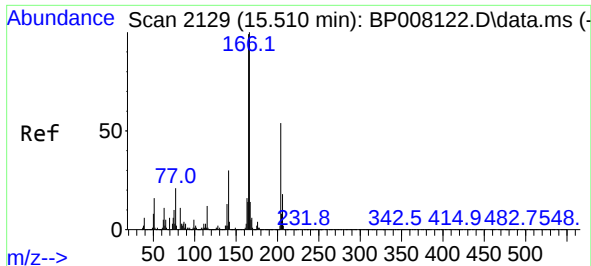


#55
Dibenzofuran
Concen: 3.321 ng
RT: 14.834 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24



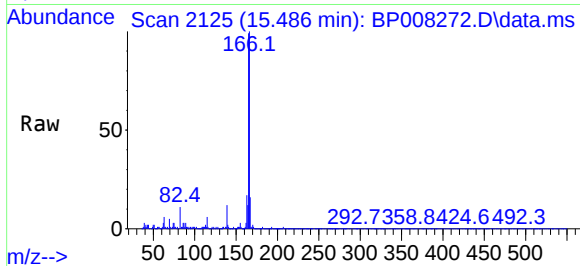
Tgt Ion:168 Resp: 45734
Ion Ratio Lower Upper
168 100
139 38.6 30.6 46.0
169 15.8 11.0 16.4





#58
Fluorene
Concen: 4.871 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

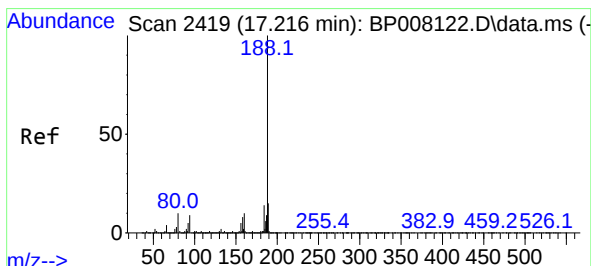
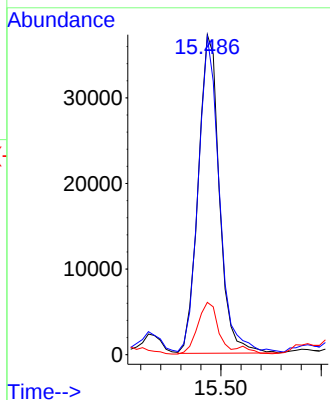
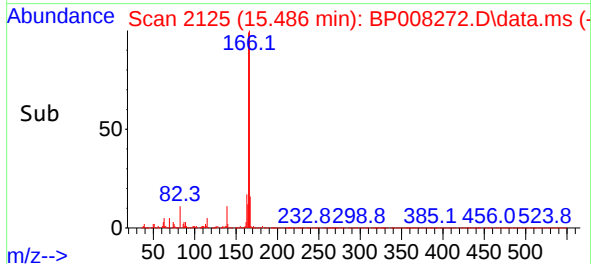
Instrument :
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Tgt Ion:166 Resp: 54502
Ion Ratio Lower Upper
166 100
165 99.3 79.4 119.2
167 16.4 10.9 16.3

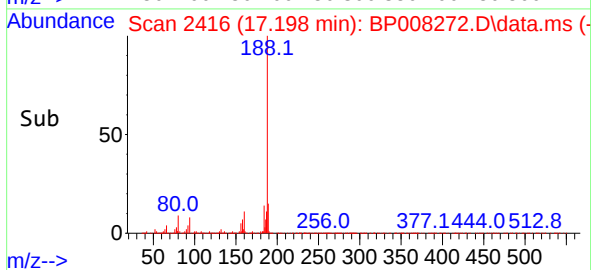
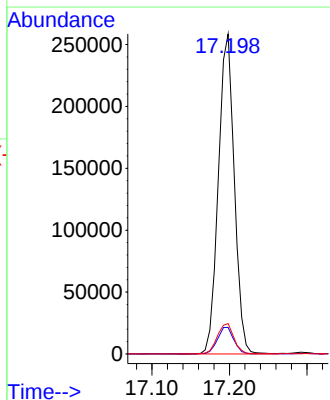
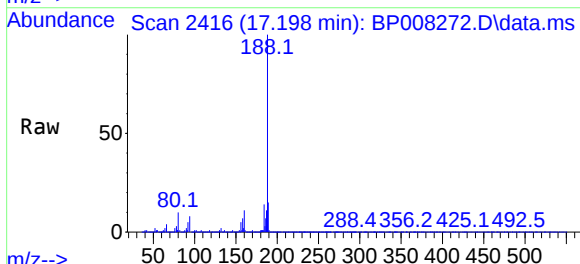
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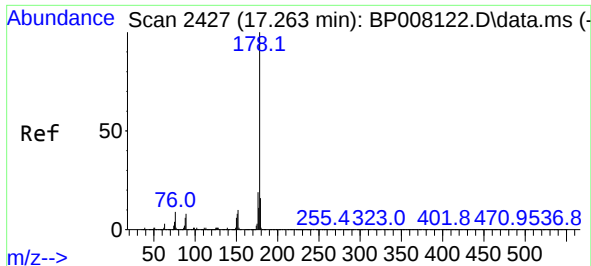
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

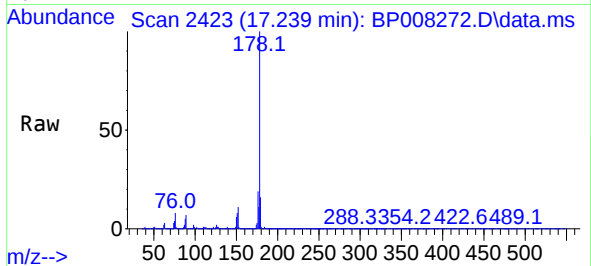
Tgt Ion:188 Resp: 370550
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.5 8.2 12.4





#71
Phenanthrene
Concen: 80.038 ng
RT: 17.239 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

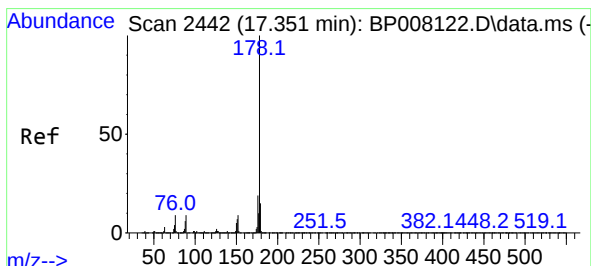
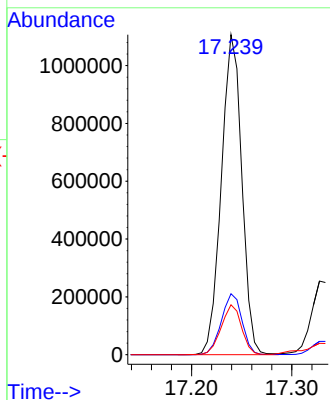
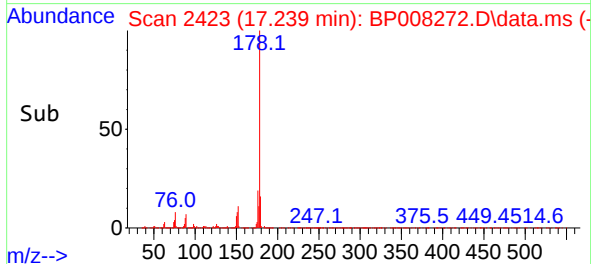
Instrument :
BNA_P
ClientSampleId :
COMP-5



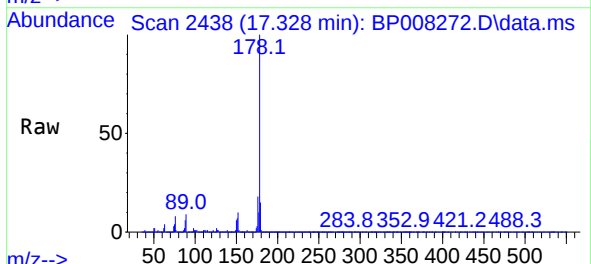
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Ion Ratio Lower Upper
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176 19.1 15.3 22.9
179 15.6 12.5 18.7

Manual Integrations
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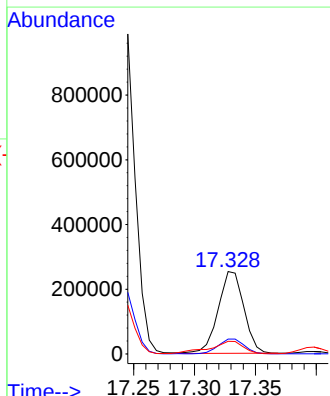
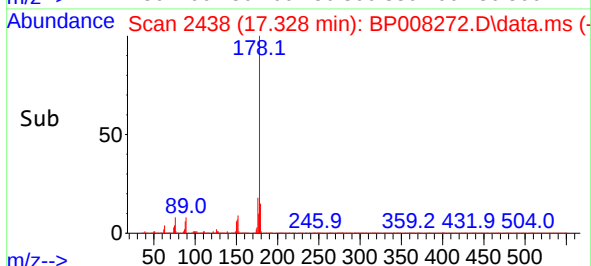
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021

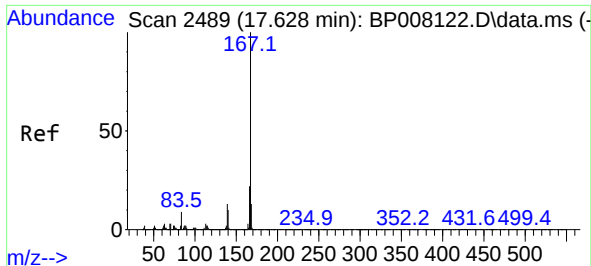


#72
Anthracene
Concen: 19.172 ng
RT: 17.328 min Scan# 2438
Delta R.T. -0.018 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24



Tgt Ion:178 Resp: 372246
Ion Ratio Lower Upper
178 100
176 18.1 15.1 22.7
179 15.4 12.3 18.5





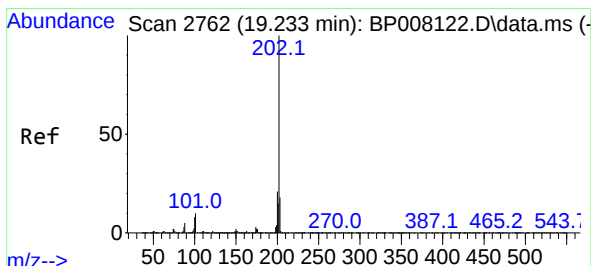
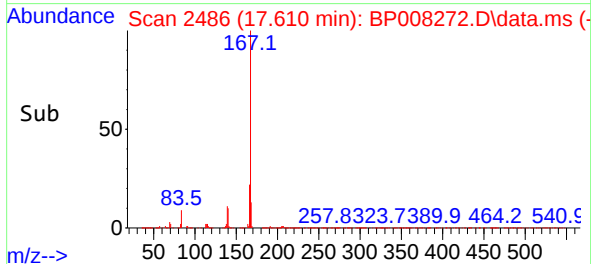
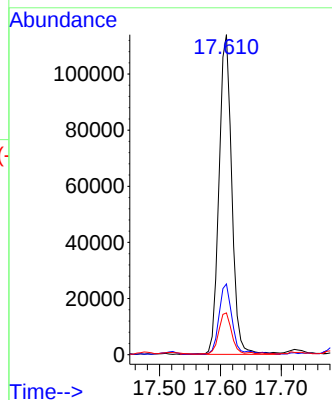
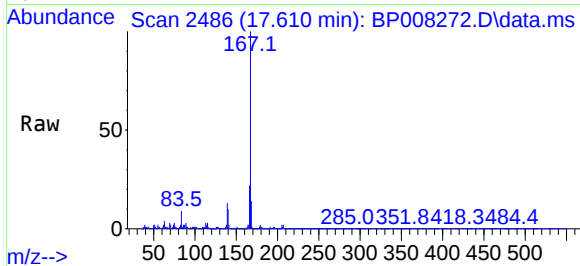
#73
 Carbazole
 Concen: 8.719 ng
 RT: 17.610 min Scan# 2489
 Delta R.T. -0.012 min
 Lab File: BP008272.D
 Acq: 08 Dec 2021 03:24

Instrument :
 BNA_P
 ClientSampleId :
 COMP-5

Tgt Ion:167 Resp: 165250
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.0 10.2 15.2

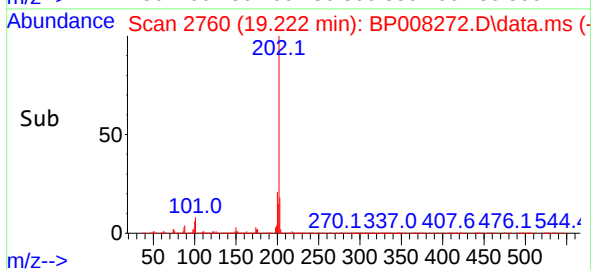
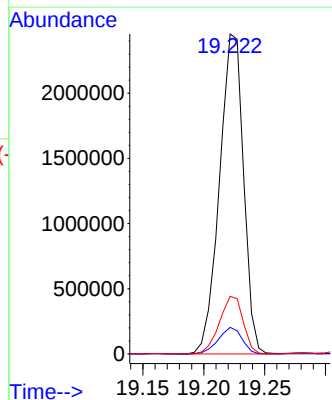
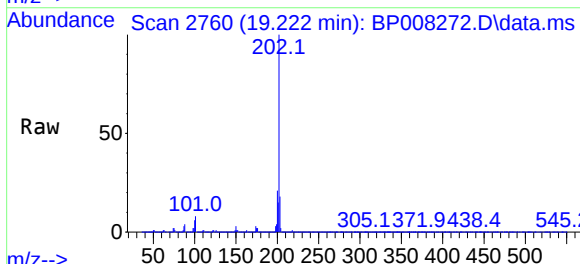
Manual Integrations
 APPROVED

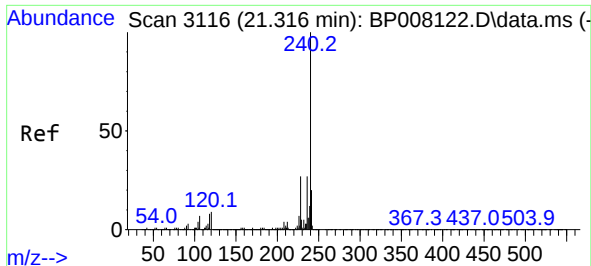
Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :Sohil Jodhani 12/10/2021



#75
 Fluoranthene
 Concen: 128.065 ng
 RT: 19.222 min Scan# 2760
 Delta R.T. -0.012 min
 Lab File: BP008272.D
 Acq: 08 Dec 2021 03:24

Tgt Ion:202 Resp: 3375236
 Ion Ratio Lower Upper
 202 100
 101 8.3 0.0 29.8
 203 18.0 0.0 37.7





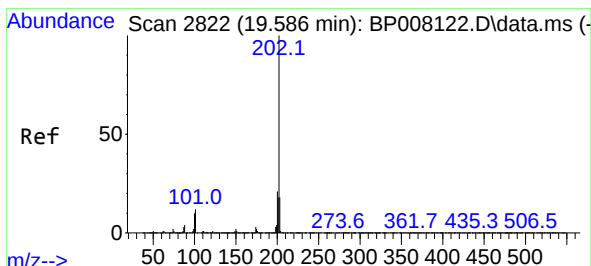
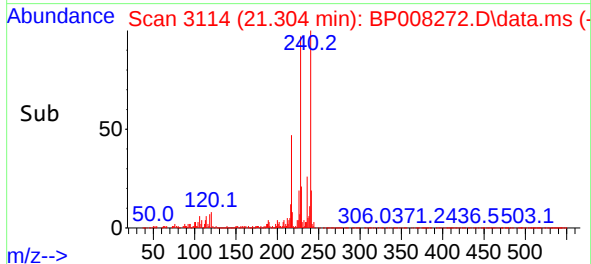
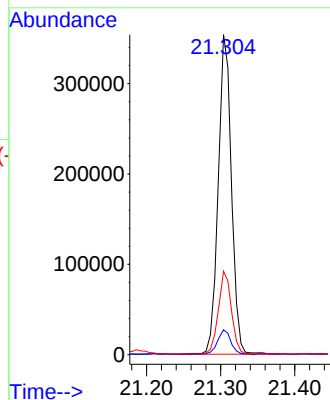
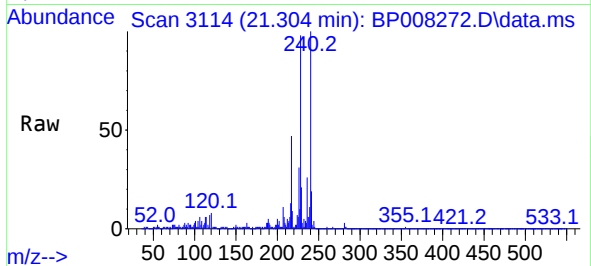
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

Instrument :
BNA_P
ClientSampleId :
COMP-5

Tgt Ion:240 Resp: 437490
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 26.1 21.4 32.2

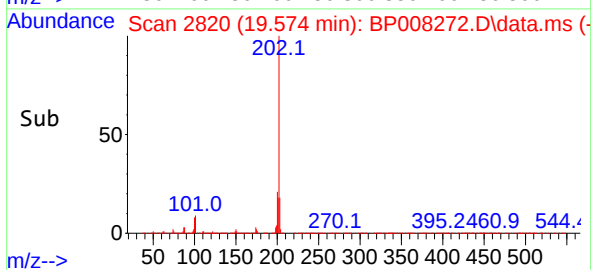
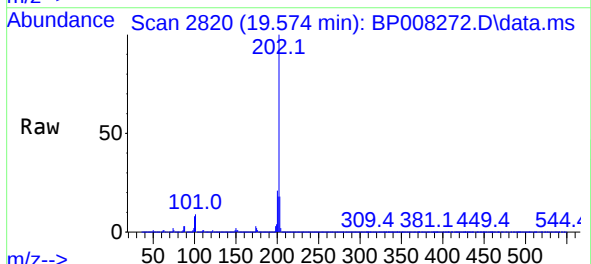
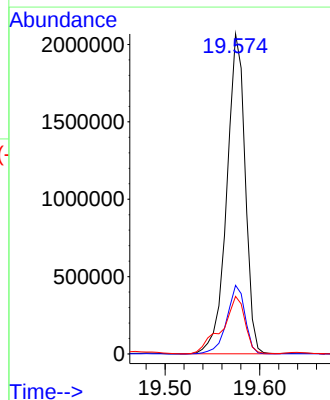
Manual Integrations
APPROVED

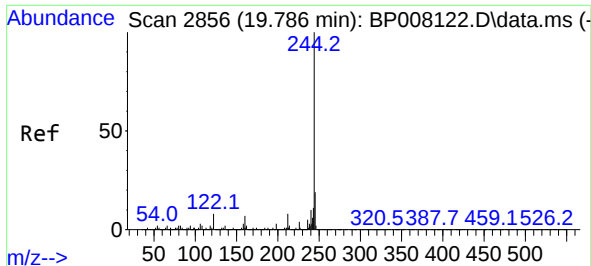
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#78
Pyrene
Concen: 104.442 ng
RT: 19.574 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

Tgt Ion:202 Resp: 2783791
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 18.0 14.2 21.2





#79
 Terphenyl-d14
 Concen: 6.486 ng
 RT: 19.769 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008272.D
 Acq: 08 Dec 2021 03:24

Instrument :

BNA_P

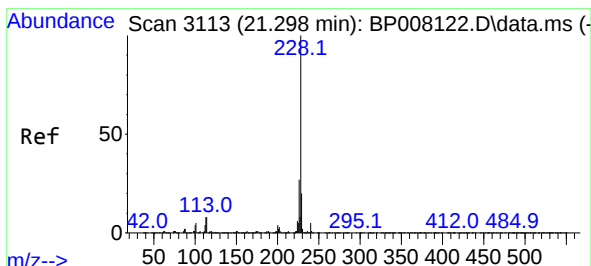
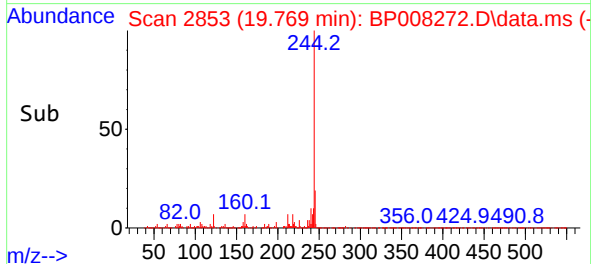
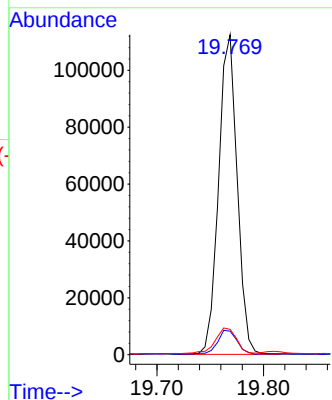
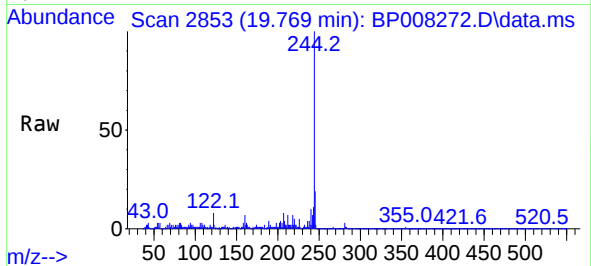
ClientSampleId :

COMP-5

Tgt Ion:244 Resp: 13577
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.9 6.6 9.8

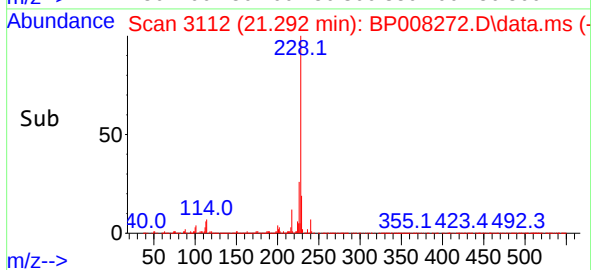
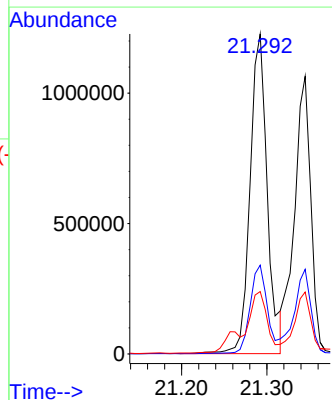
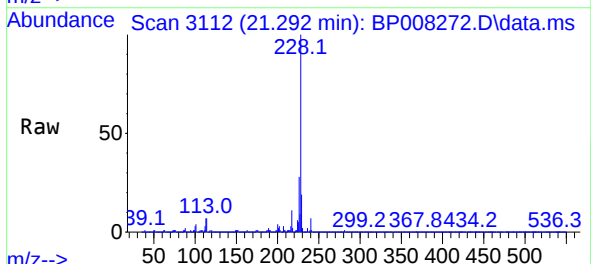
Manual Integrations
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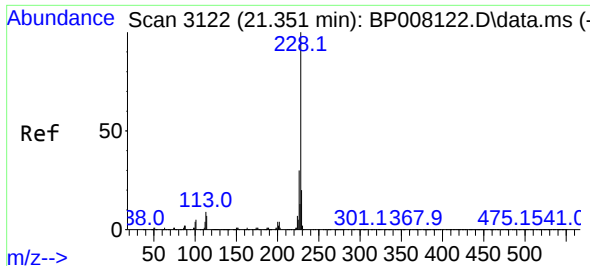
Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :Sohil Jodhani 12/10/2021



#81
 Benzo(a)anthracene
 Concen: 59.276 ng
 RT: 21.292 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BP008272.D
 Acq: 08 Dec 2021 03:24

Tgt Ion:228 Resp: 1718718
 Ion Ratio Lower Upper
 228 100
 226 27.7 21.9 32.9
 229 19.5 15.9 23.9





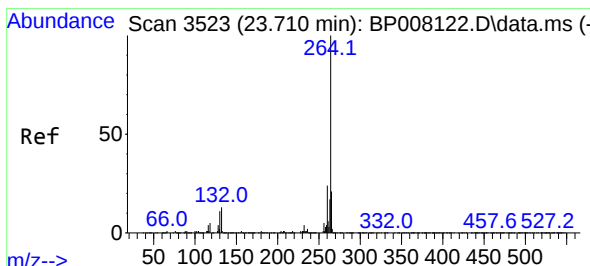
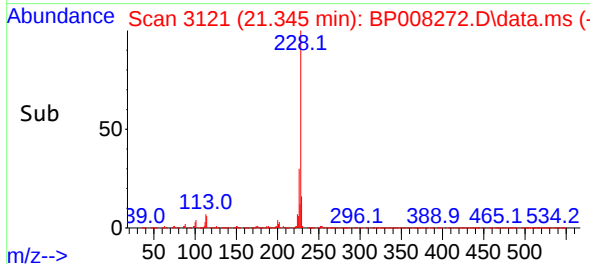
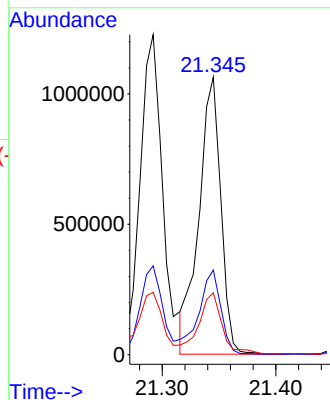
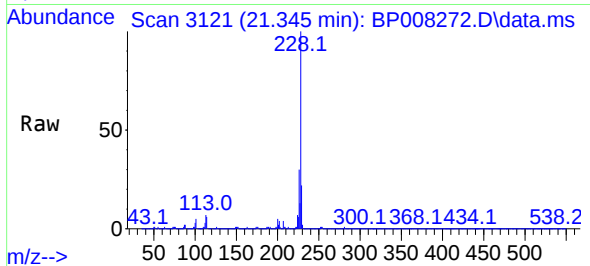
#83
Chrysene
Concen: 51.792 ng
RT: 21.345 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

Instrument :
BNA_P
ClientSampleId :
COMP-5

Tgt Ion:228 Resp: 1429010
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 22.3 15.8 23.8

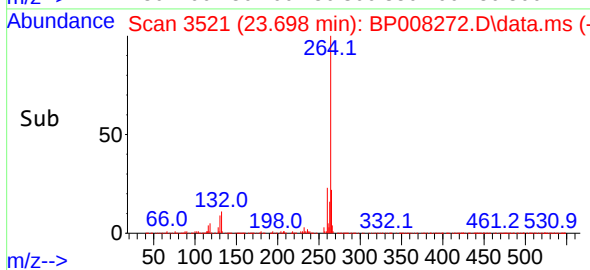
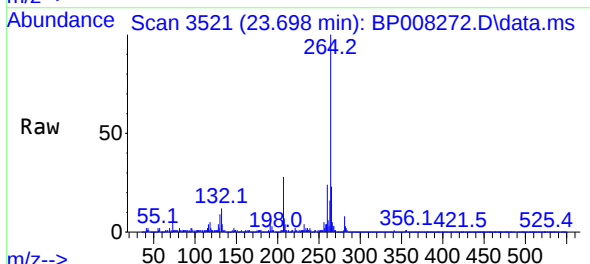
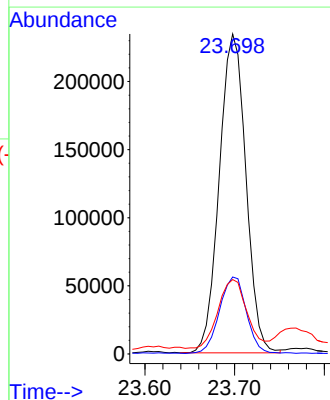
Manual Integrations
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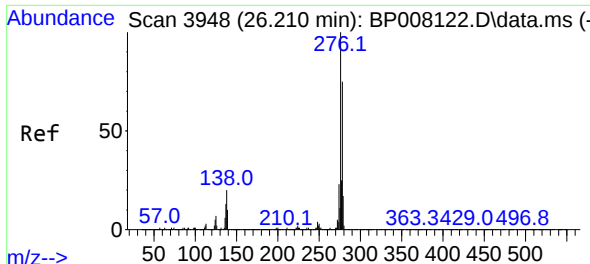
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3521
Delta R.T. -0.018 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

Tgt Ion:264 Resp: 481425
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 23.2 17.6 26.4





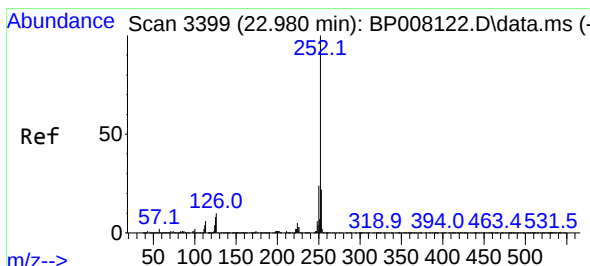
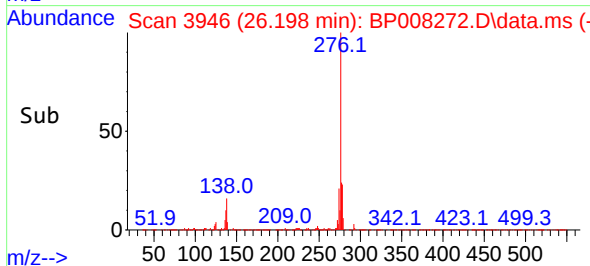
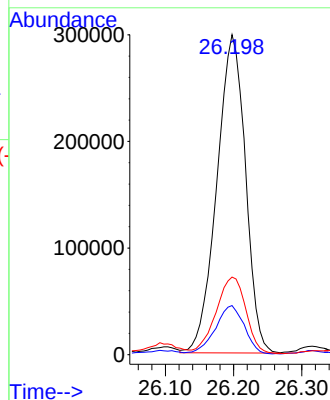
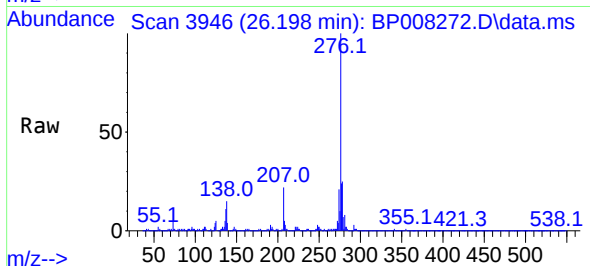
#87
Indeno(1,2,3-cd)pyrene
Concen: 24.896 ng
RT: 26.198 min Scan# 3948
Delta R.T. -0.030 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

Instrument :
BNA_P
ClientSampleId :
COMP-5

Tgt Ion:276 Resp: 871970
Ion Ratio Lower Upper
276 100
138 15.4 16.6 25.0
277 25.0 20.2 30.2

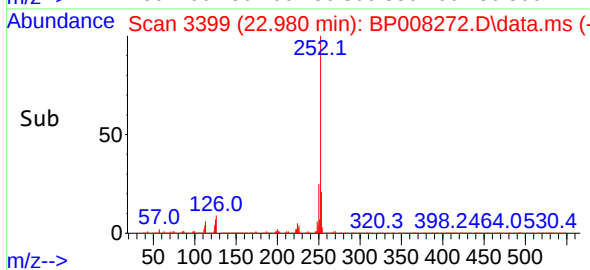
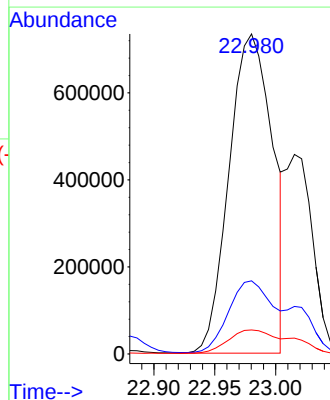
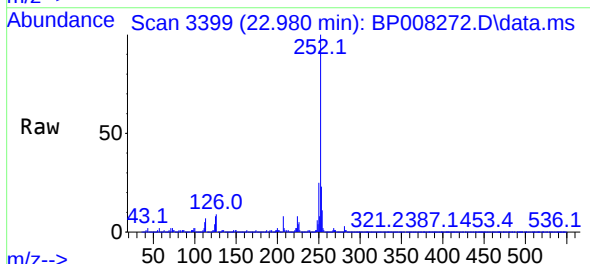
Manual Integrations
APPROVED

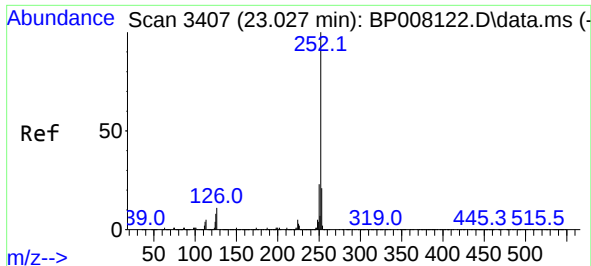
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#88
Benzo(b)fluoranthene
Concen: 62.742 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

Tgt Ion:252 Resp: 1820937
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 7.5 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 24.866 ng m
RT: 23.015 min Scan# 3407
Delta R.T. -0.018 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

Instrument :

BNA_P

ClientSampleId :

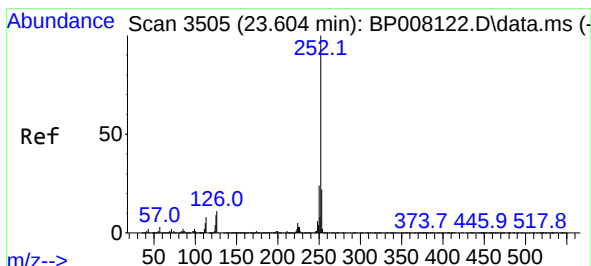
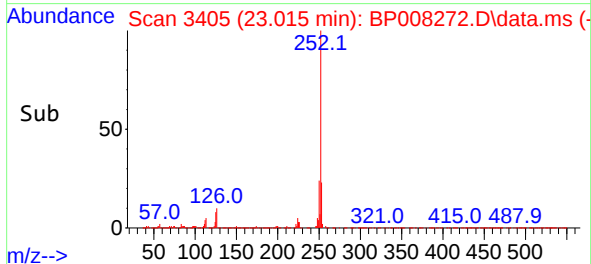
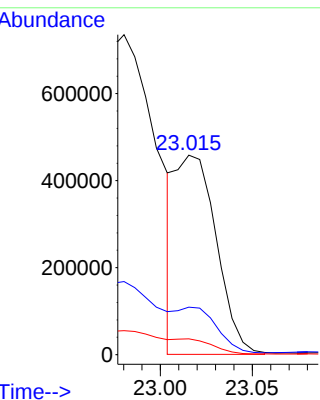
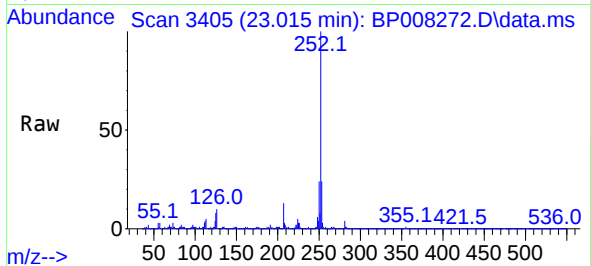
COMP-5

Tgt Ion:252 Resp: 706530
Ion Ratio Lower Upper
252 100
253 23.8 17.3 25.9
125 7.9 6.5 9.7

Manual Integrations

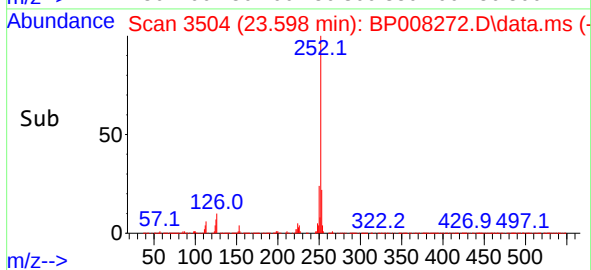
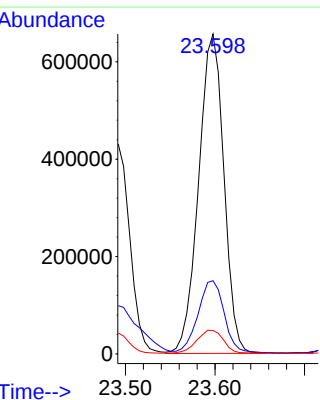
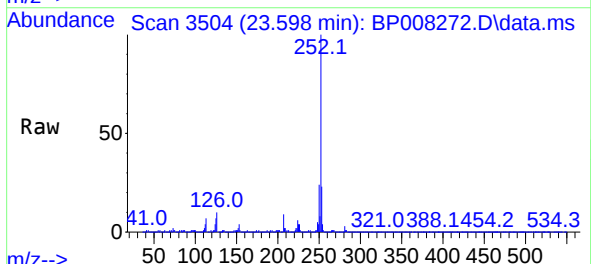
APPROVED

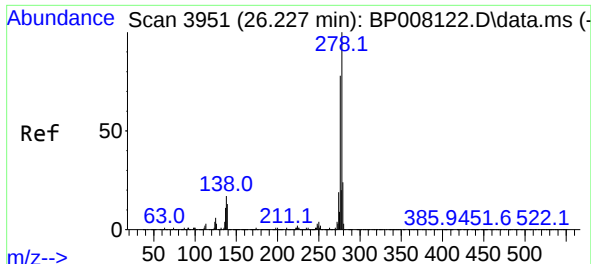
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#90
Benzo(a)pyrene
Concen: 51.871 ng m
RT: 23.598 min Scan# 3504
Delta R.T. -0.012 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

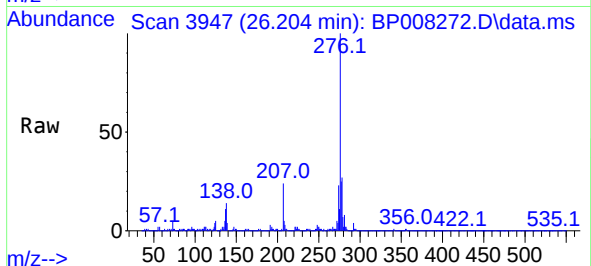
Tgt Ion:252 Resp: 1286661
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 7.4 7.4 11.0#





#91
Dibenzo(a,h)anthracene
Concen: 8.570 ng
RT: 26.204 min Scan# 3947
Delta R.T. -0.030 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

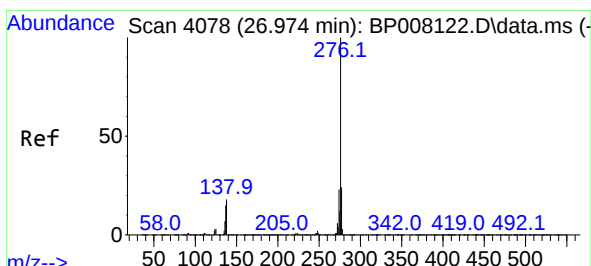
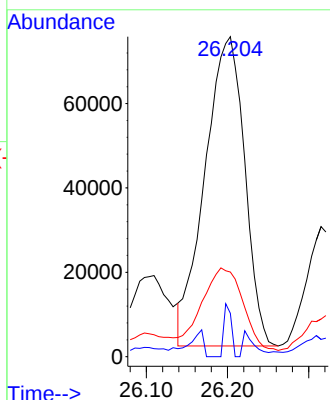
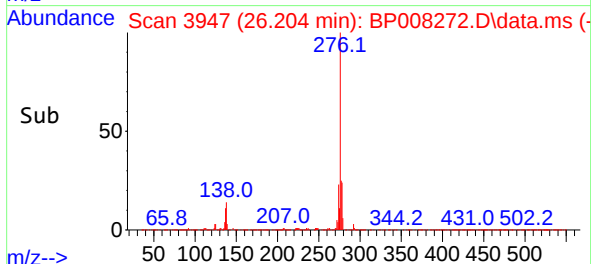
Instrument :
BNA_P
ClientSampleId :
COMP-5



Tgt Ion:278 Resp: 249285
Ion Ratio Lower Upper
278 100
139 13.5 10.8 16.2
279 26.5 19.1 28.7

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021



#92
Benzo(g,h,i)perylene
Concen: 26.507 ng
RT: 26.968 min Scan# 4077
Delta R.T. -0.030 min
Lab File: BP008272.D
Acq: 08 Dec 2021 03:24

Tgt Ion:276 Resp: 777852
Ion Ratio Lower Upper
276 100
277 23.5 20.0 30.0
138 14.1 14.1 21.1

