

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
 Data File : BP008383.D
 Acq On : 13 Dec 2021 18:59
 Operator : CG/JU
 Sample : M4990-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 R2-COMP

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/14/2021
 Supervised By :Jagrut Upadhyay 12/14/2021

Quant Time: Dec 14 02:20:22 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	7.746	152	57310	20.000	ng	-0.02
21) Naphthalene-d8	10.546	136	198924	20.000	ng	-0.01
39) Acenaphthene-d10	14.404	164	120728	20.000	ng	-0.01
64) Phenanthrene-d10	17.169	188	262347	20.000	ng	-0.01
76) Chrysene-d12	21.274	240	342478	20.000	ng	-0.01
86) Perylene-d12	23.651	264	389109	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	398233	111.881	ng	-0.01
7) Phenol-d6	6.940	99	489670	101.909	ng	-0.01
23) Nitrobenzene-d5	8.910	82	336933	77.021	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	187772	121.684	ng	-0.01
45) 2-Fluorobiphenyl	13.022	172	646893	77.831	ng	-0.01
79) Terphenyl-d14	19.739	244	1138282	69.462	ng	-0.02
Target Compounds						
32) Benzoic acid	9.969	122	4751m	2.122	ng	Qvalue
71) Phenanthrene	17.210	178	49415	3.568	ng	98
75) Fluoranthene	19.192	202	78403	4.202	ng	99
81) Benzo(a)anthracene	21.257	228	57818	2.547	ng	96
83) Chrysene	21.310	228	60615	2.806	ng	95
84) Bis(2-ethylhexyl)phtha...	21.186	149	34255	2.313	ng	96
88) Benzo(b)fluoranthene	22.933	252	86141	3.672	ng	# 91
90) Benzo(a)pyrene	23.545	252	57236	2.855	ng	# 91

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

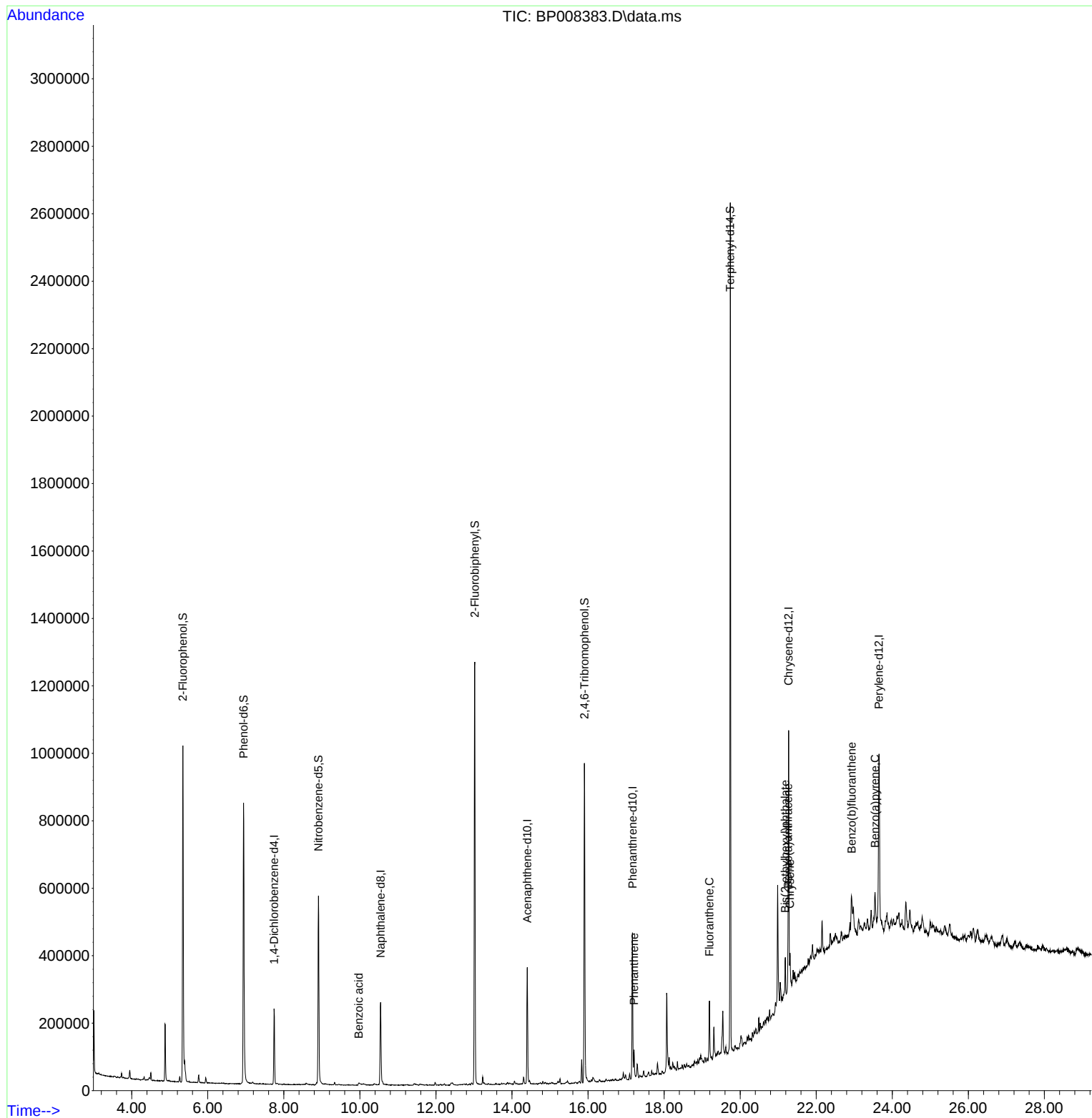
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008383.D
Acq On : 13 Dec 2021 18:59
Operator : CG/JU
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ALS Vial : 10 Sample Multiplier: 1

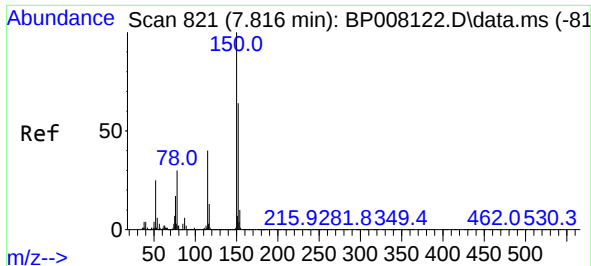
Instrument :
BNA_P
ClientSampleId :
R2-COMP

Quant Time: Dec 14 02:20:22 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
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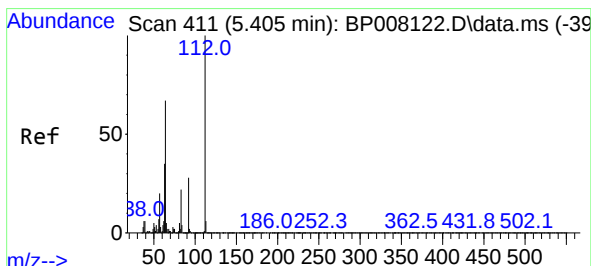
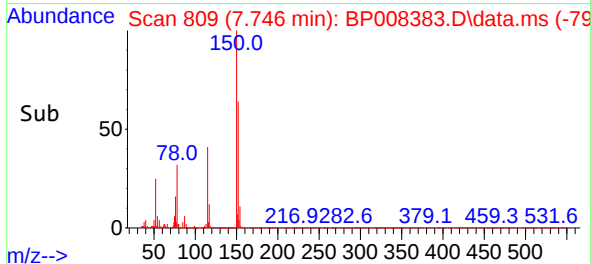
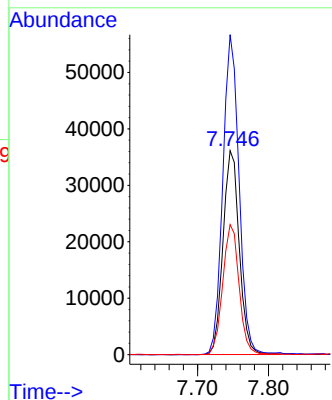
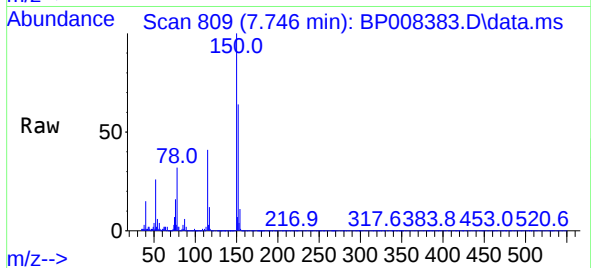
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Instrument :
BNA_P
ClientSampleId :
R2-COMP

Tgt Ion:152 Resp: 57310
Ion Ratio Lower Upper
152 100
150 156.9 125.7 188.5
115 63.7 50.7 76.1

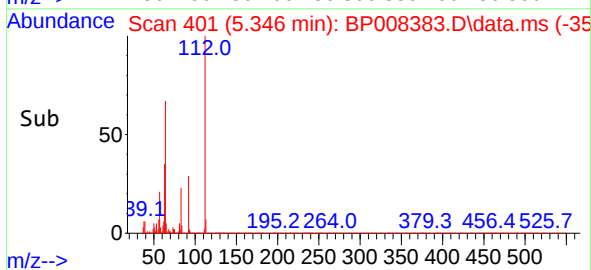
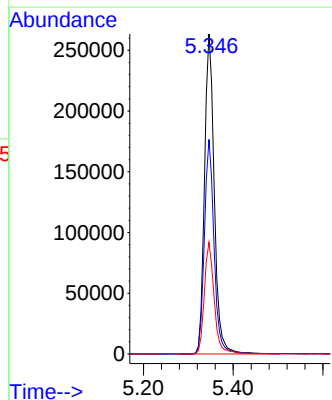
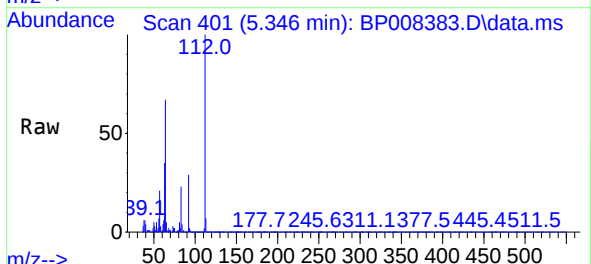
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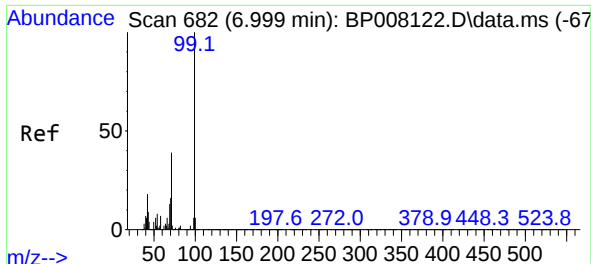
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Supervised By :Jagrut Upadhyay 12/14/2021



#5
2-Fluorophenol
Concen: 111.881 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:112 Resp: 398233
Ion Ratio Lower Upper
112 100
64 67.1 53.4 80.2
63 34.9 27.8 41.8





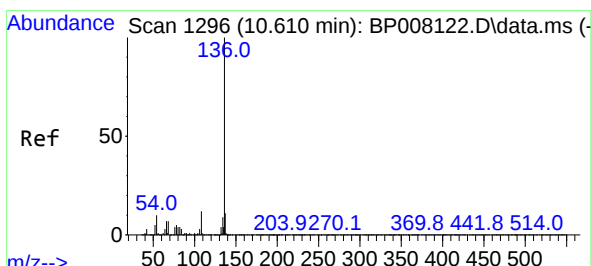
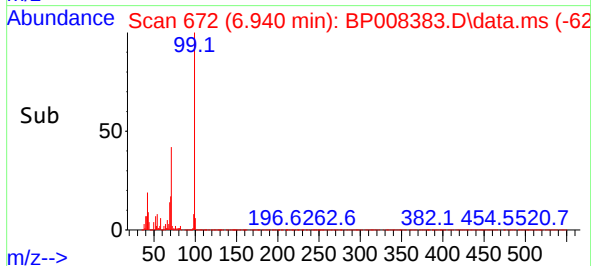
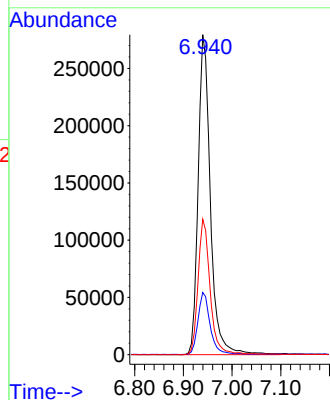
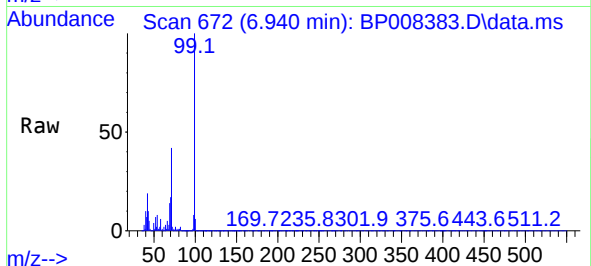
#7
Phenol-d6
Concen: 101.909 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Instrument :
BNA_P
ClientSampleId :
R2-COMP

Tgt Ion: 99 Resp: 489670
Ion Ratio Lower Upper
99 100
42 19.5 14.6 22.0
71 42.4 31.1 46.7

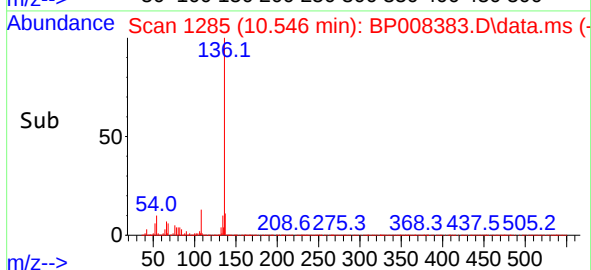
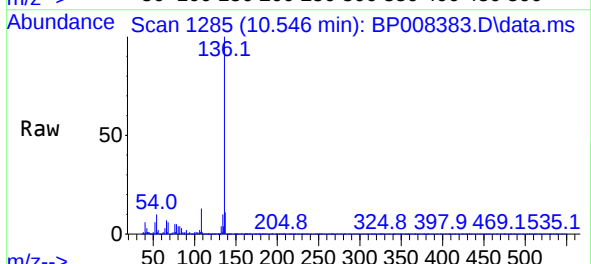
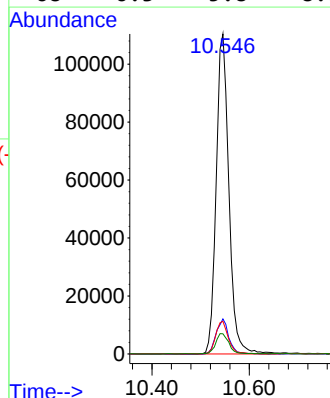
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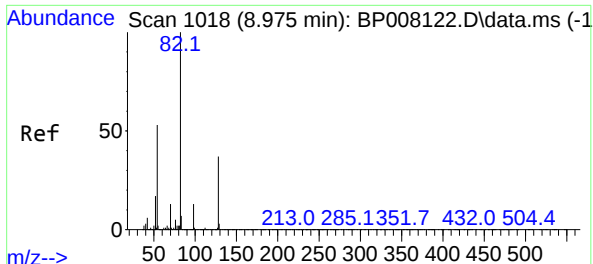
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:136 Resp: 198924
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.2 8.2 12.4
68 6.3 5.8 8.8





#23

Nitrobenzene-d5

Concen: 77.021 ng

RT: 8.910 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BP008383.D

Acq: 13 Dec 2021 18:59

Instrument :

BNA_P

ClientSampleId :

R2-COMP

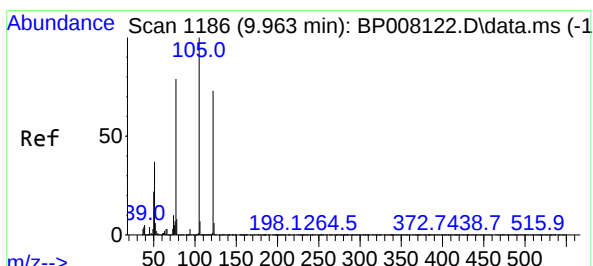
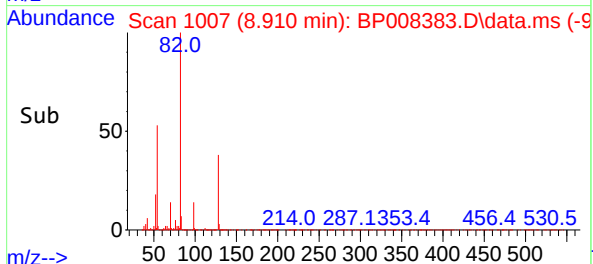
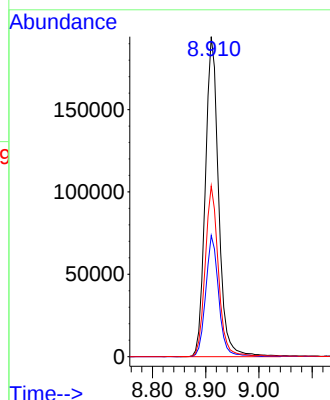
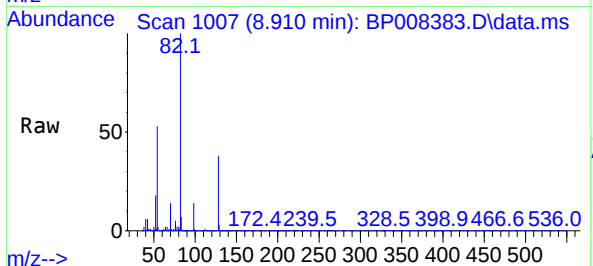
Tgt Ion: 82 Resp: 33693

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.6	44.4
54	53.4	42.7	64.1

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#32

Benzoic acid

Concen: 2.122 ng m

RT: 9.969 min Scan# 1187

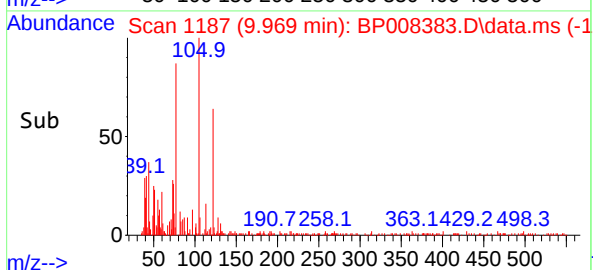
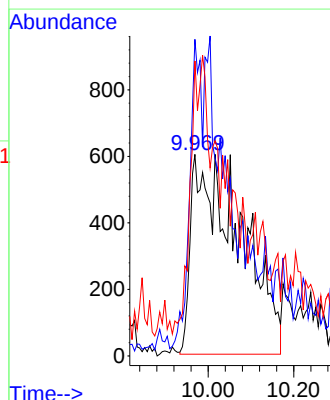
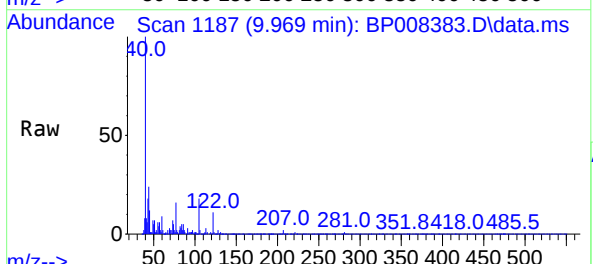
Delta R.T. 0.018 min

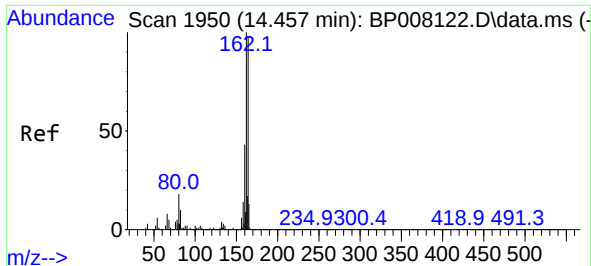
Lab File: BP008383.D

Acq: 13 Dec 2021 18:59

Tgt Ion:122 Resp: 4751

Ion	Ratio	Lower	Upper
122	100		
105	157.1	117.4	157.4
77	146.4	89.2	129.2





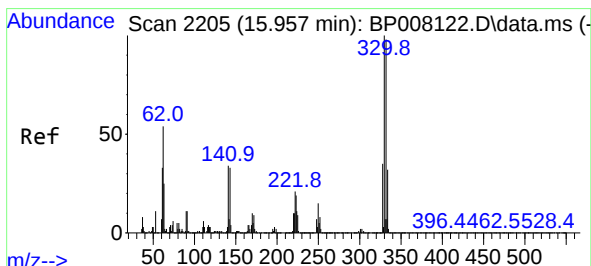
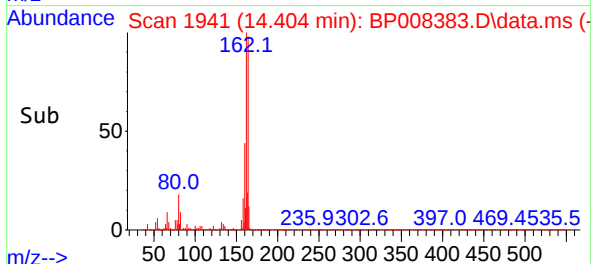
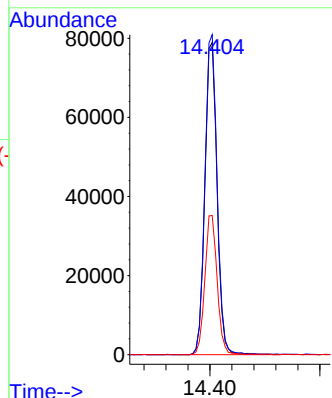
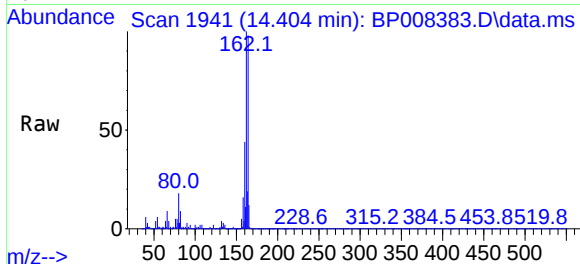
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Instrument :
BNA_P
ClientSampleId :
R2-COMP

Tgt Ion:164 Resp: 120728
Ion Ratio Lower Upper
164 100
162 102.5 81.9 122.9
160 44.6 35.4 53.0

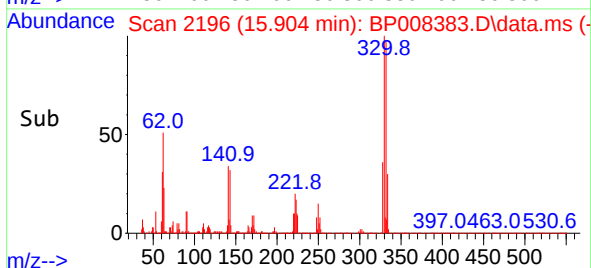
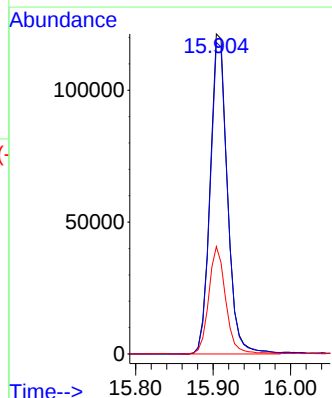
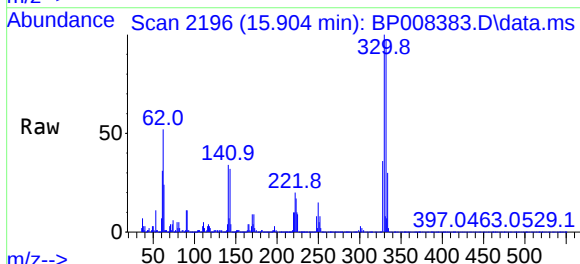
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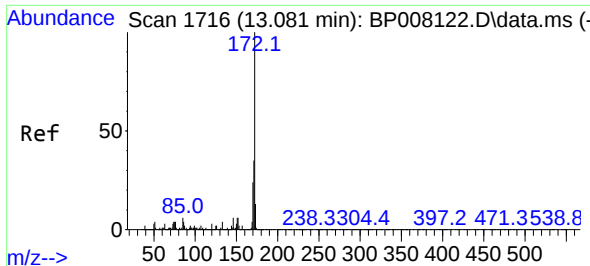
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#42
2,4,6-Tribromophenol
Concen: 121.684 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

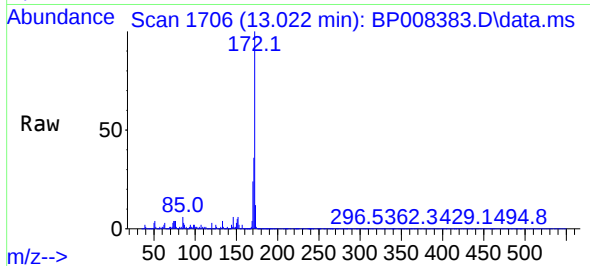
Tgt Ion:330 Resp: 187772
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 32.9 28.4 42.6





#45
2-Fluorobiphenyl
Concen: 77.831 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

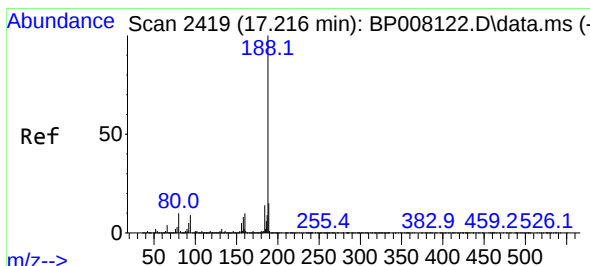
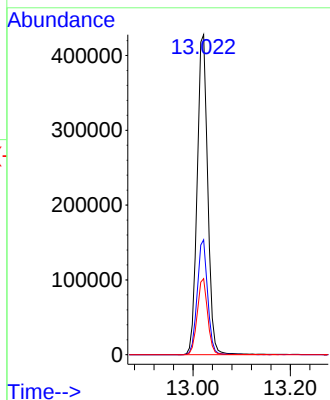
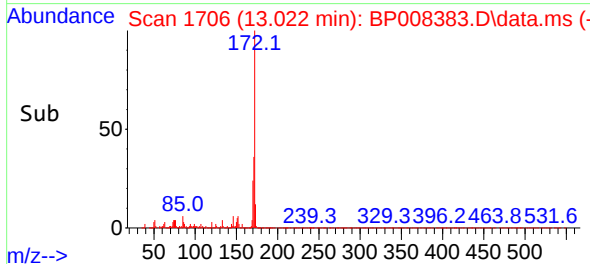
Instrument :
BNA_P
ClientSampleId :
R2-COMP



Tgt Ion:172 Resp: 64689
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 23.8 18.9 28.3

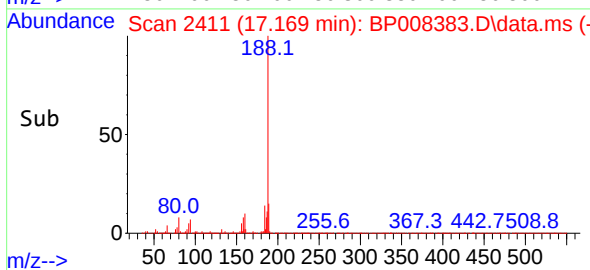
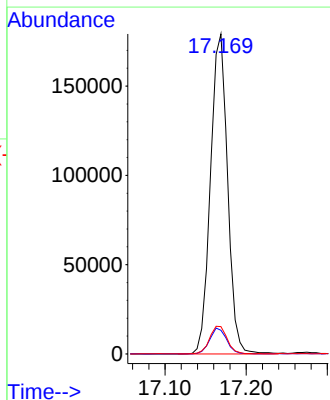
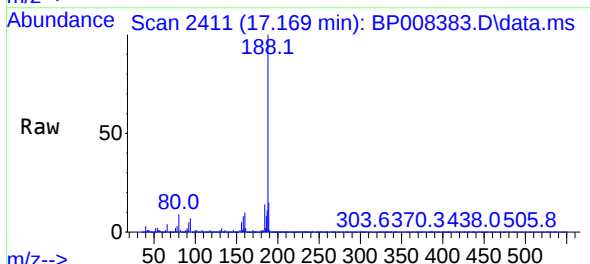
Manual Integrations
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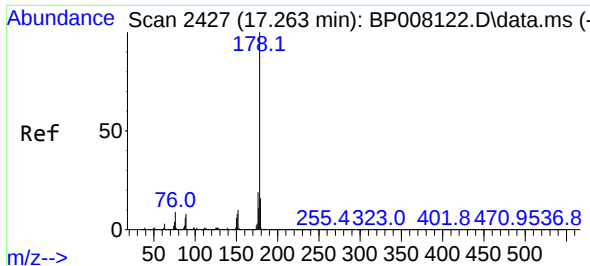
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:188 Resp: 262347
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 8.5 8.2 12.4





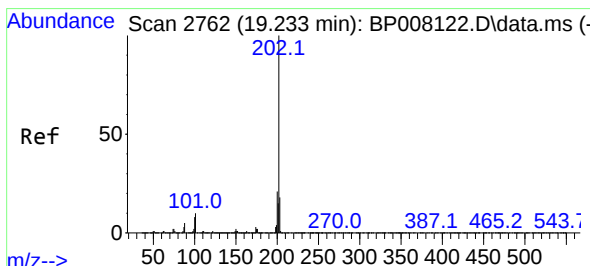
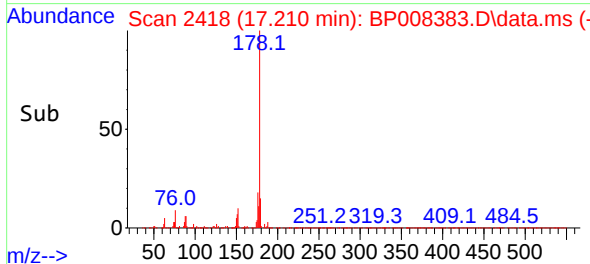
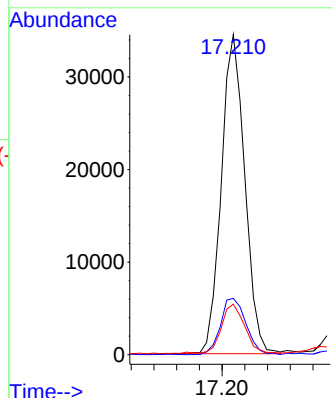
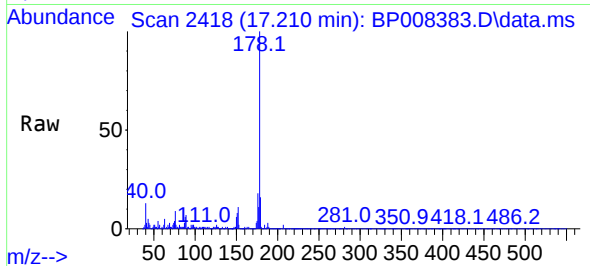
#71
Phenanthrene
Concen: 3.568 ng
RT: 17.210 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Instrument :
BNA_P
ClientSampleId :
R2-COMP

Tgt Ion:178 Resp: 49415
Ion Ratio Lower Upper
178 100
176 17.6 15.3 22.9
179 15.8 12.5 18.7

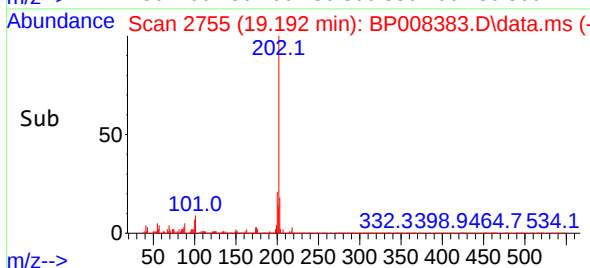
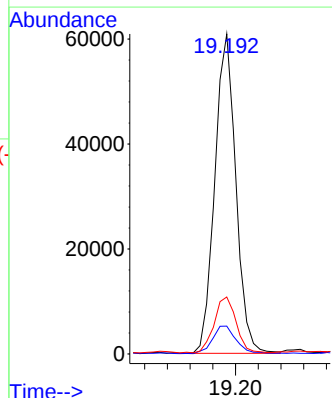
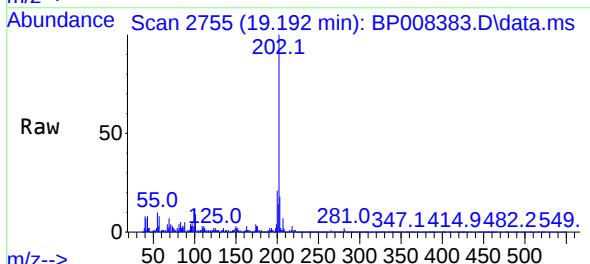
Manual Integrations
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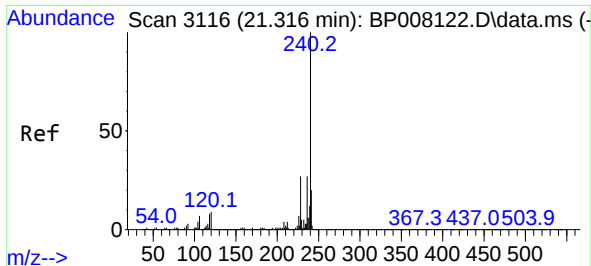
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#75
Fluoranthene
Concen: 4.202 ng
RT: 19.192 min Scan# 2755
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:202 Resp: 78403
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.8
203 17.8 0.0 37.7





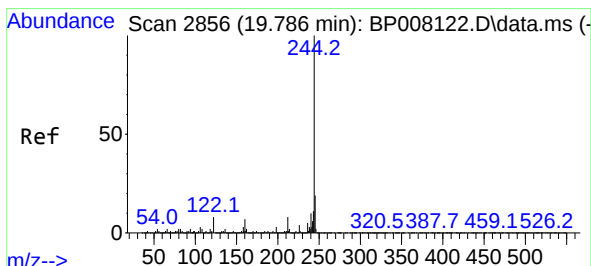
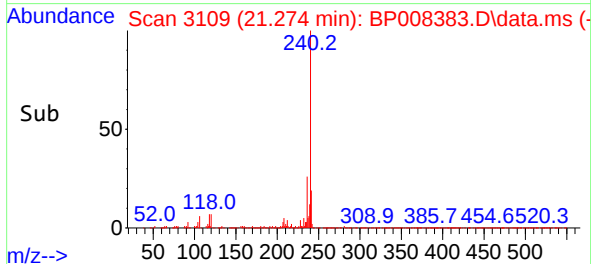
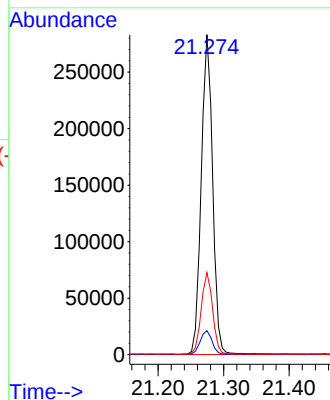
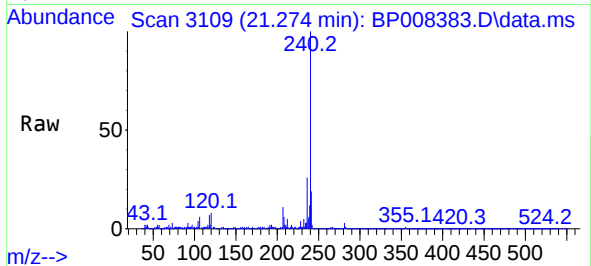
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Instrument :
BNA_P
ClientSampleId :
R2-COMP

Tgt Ion:240 Resp: 342478
Ion Ratio Lower Upper
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120 7.5 7.3 10.9
236 25.7 21.4 32.2

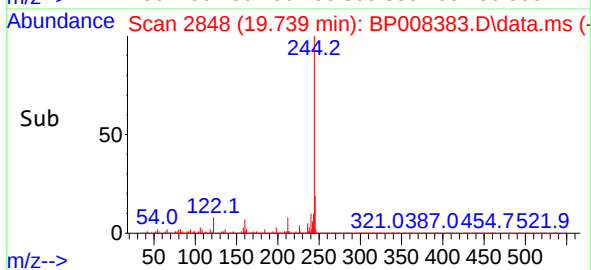
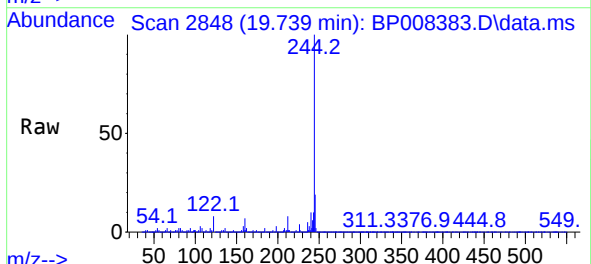
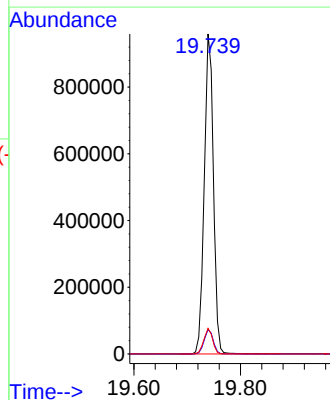
Manual Integrations
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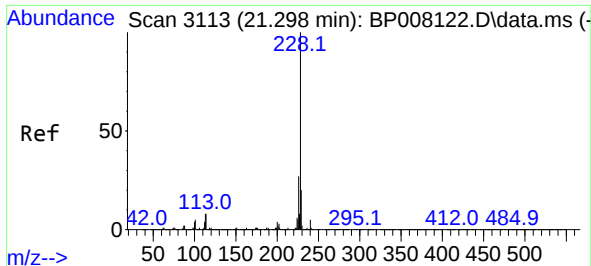
Reviewed By :Christian Giraldo 12/14/2021
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#79
Terphenyl-d14
Concen: 69.462 ng
RT: 19.739 min Scan# 2848
Delta R.T. -0.018 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:244 Resp: 1138282
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 8.0 6.6 9.8





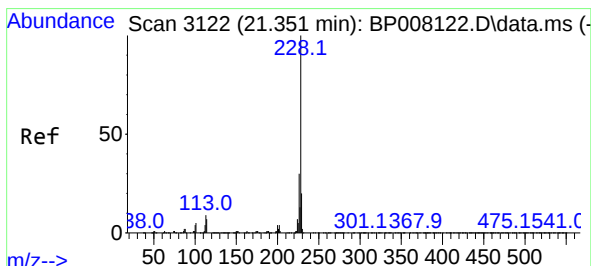
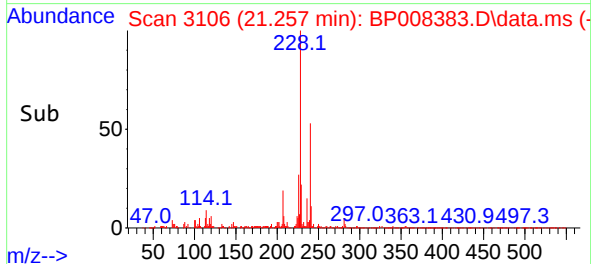
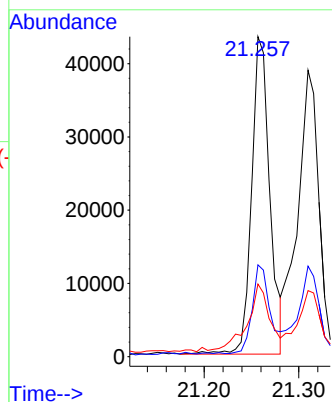
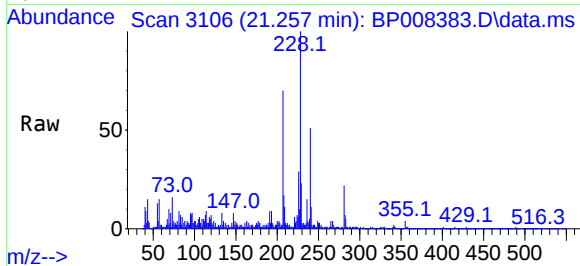
#81
Benzo(a)anthracene
Concen: 2.547 ng
RT: 21.257 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Instrument :
BNA_P
ClientSampleId :
R2-COMP

Tgt Ion:228 Resp: 57818
Ion Ratio Lower Upper
228 100
226 28.7 21.9 32.9
229 22.7 15.9 23.9

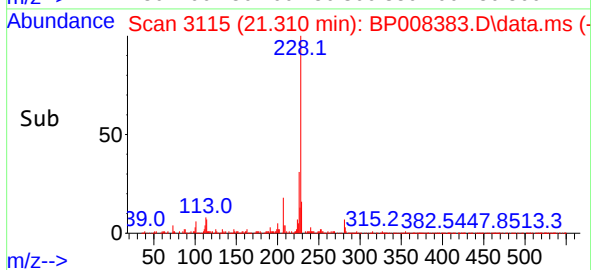
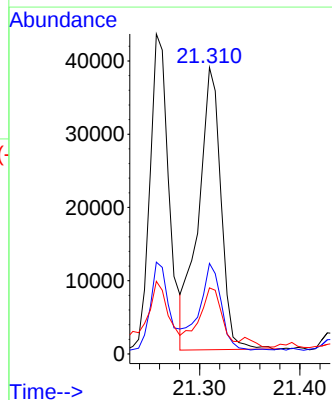
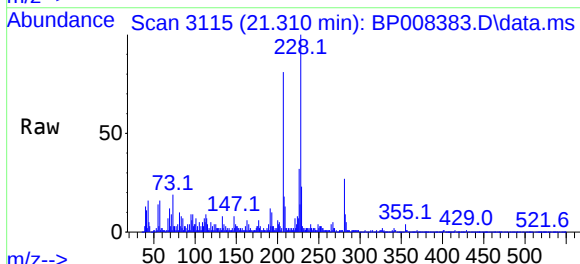
Manual Integrations
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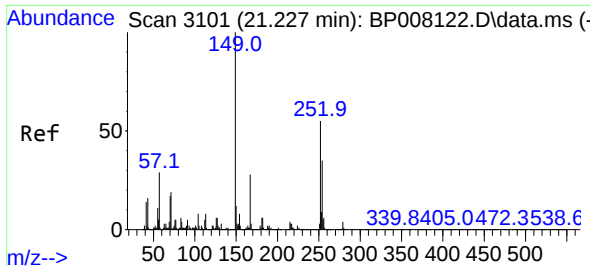
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#83
Chrysene
Concen: 2.806 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.018 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:228 Resp: 60615
Ion Ratio Lower Upper
228 100
226 31.6 24.0 36.0
229 23.1 15.8 23.8





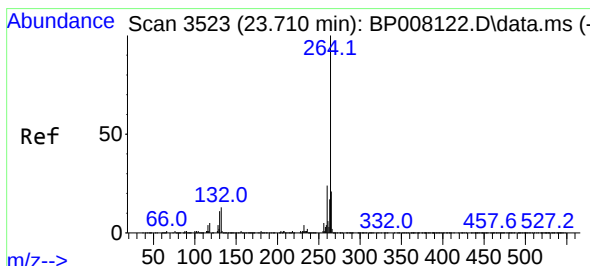
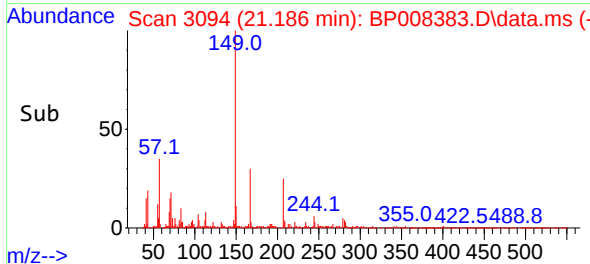
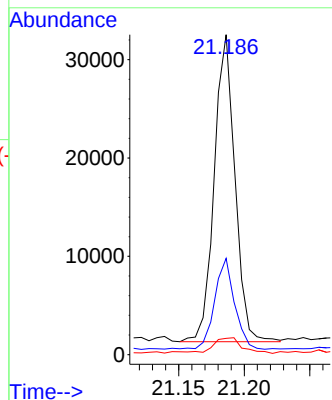
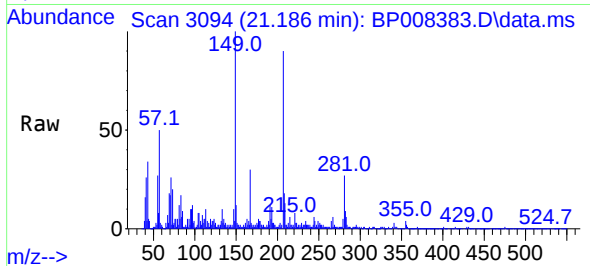
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.313 ng
RT: 21.186 min Scan# 3094
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Instrument :
BNA_P
ClientSampleId :
R2-COMP

Tgt Ion:149 Resp: 3425
Ion Ratio Lower Upper
149 100
167 30.1 22.5 33.7
279 5.1 3.5 5.3

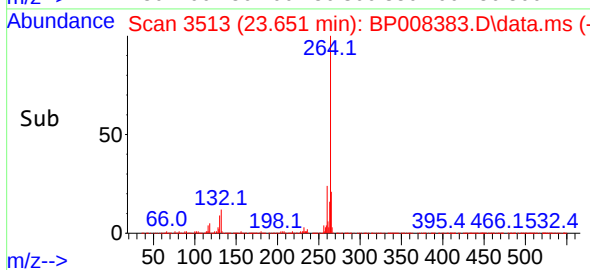
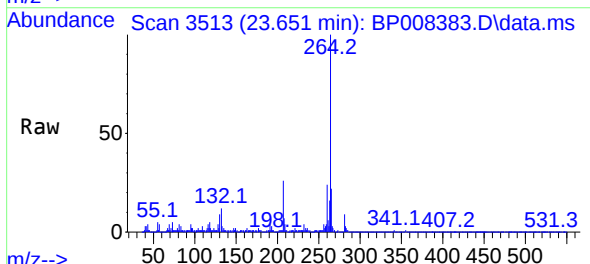
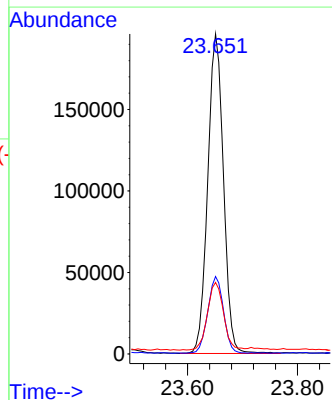
Manual Integrations
APPROVED

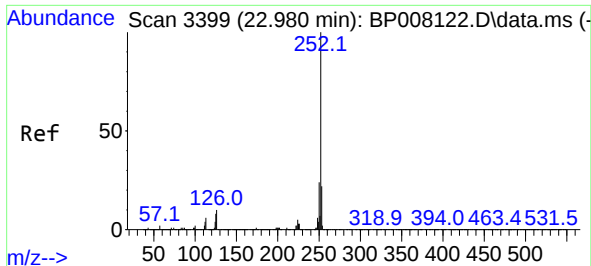
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.651 min Scan# 3513
Delta R.T. -0.023 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:264 Resp: 389109
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 22.4 17.6 26.4





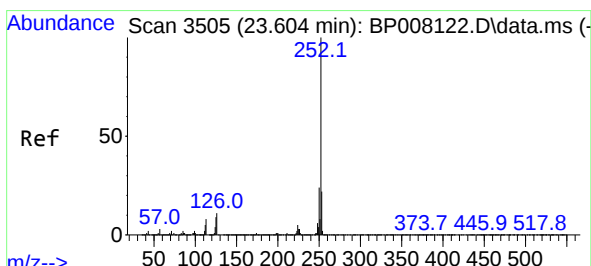
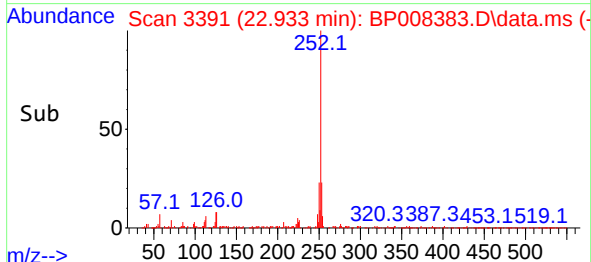
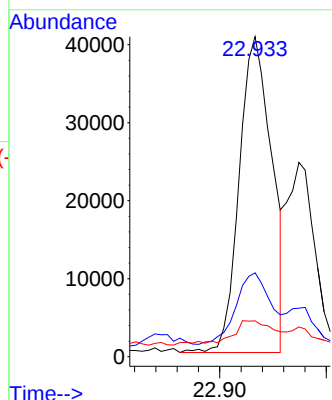
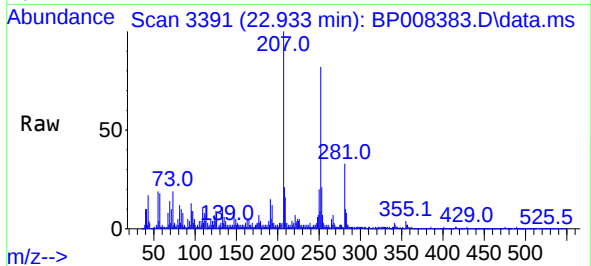
#88
Benzo(b)fluoranthene
Concen: 3.672 ng
RT: 22.933 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Instrument :
BNA_P
ClientSampleId :
R2-COMP

Tgt Ion:252 Resp: 8614
Ion Ratio Lower Upper
252 100
253 26.2 17.7 26.5
125 11.2 6.2 9.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#90
Benzo(a)pyrene
Concen: 2.855 ng
RT: 23.545 min Scan# 3495
Delta R.T. -0.023 min
Lab File: BP008383.D
Acq: 13 Dec 2021 18:59

Tgt Ion:252 Resp: 57236
Ion Ratio Lower Upper
252 100
253 25.8 17.6 26.4
125 13.3 7.4 11.0

