

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008424.D
 Acq On : 15 Dec 2021 19:15
 Operator : CG/JU
 Sample : M5017-59 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP2-A

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/16/2021
 Supervised By :Jagrut Upadhyay 12/16/2021

Quant Time: Dec 15 20:05:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	56899	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	203471	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	134814	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	303656	20.000	ng	0.00
76) Chrysene-d12	21.263	240	354178	20.000	ng	# 0.00
86) Perylene-d12	23.633	264	391993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	163910	45.493	ng	0.00
7) Phenol-d6	6.946	99	210898	43.583	ng	0.00
23) Nitrobenzene-d5	8.905	82	141540	29.470	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	96186	48.549	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	296101	27.920	ng	0.00
79) Terphenyl-d14	19.728	244	549373	26.996	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.198	178	36864	2.241	ng	96
75) Fluoranthene	19.181	202	114444	6.163	ng	97
78) Pyrene	19.533	202	126463	4.991	ng	98
81) Benzo(a)anthracene	21.251	228	57279	2.413	ng	97
83) Chrysene	21.298	228	77926m	3.437	ng	
88) Benzo(b)fluoranthene	22.916	252	113741	4.824	ng	# 90
90) Benzo(a)pyrene	23.527	252	49344	2.411	ng	# 88

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

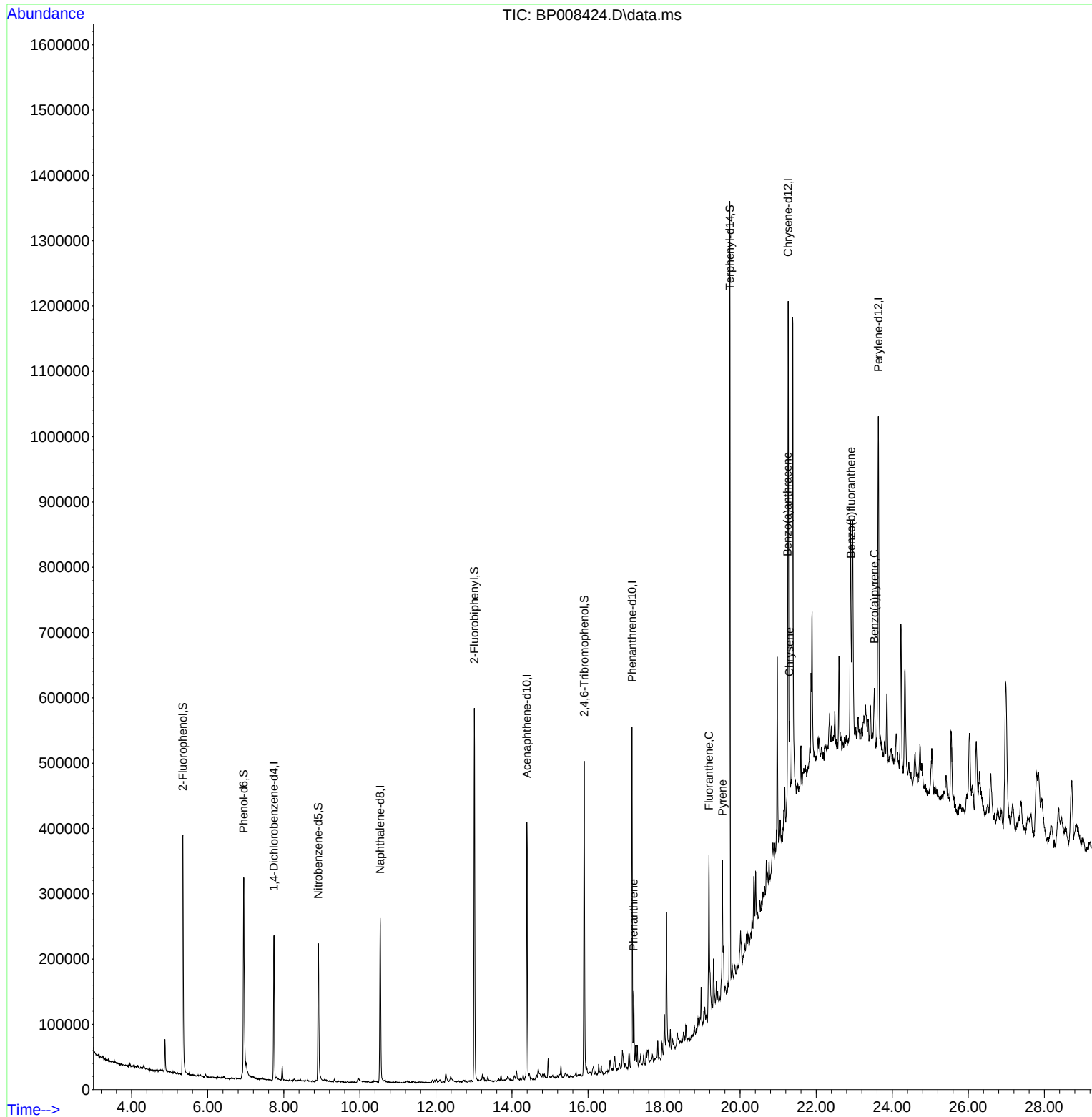
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Data File : BP008424.D
Acq On : 15 Dec 2021 19:15
Operator : CG/JU
Sample : M5017-59 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

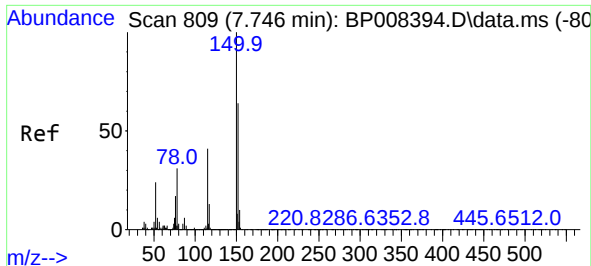
Instrument :
BNA_P
ClientSampleId :
SP2-A

Quant Time: Dec 15 20:05:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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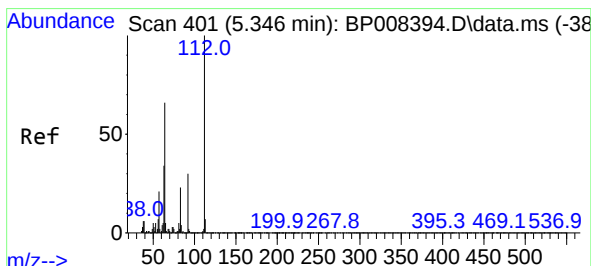
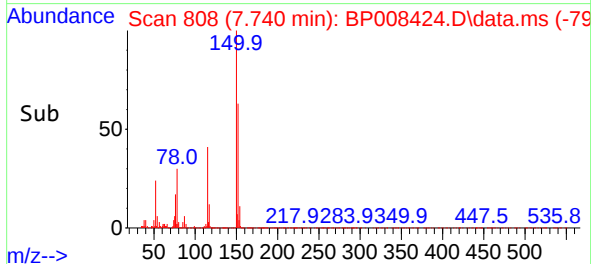
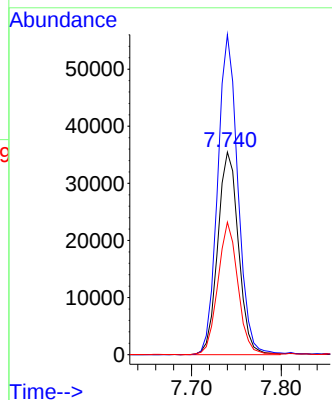
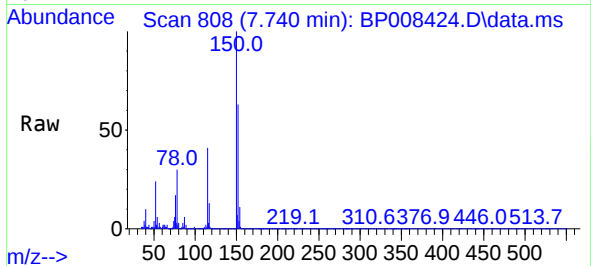
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

Instrument :
BNA_P
ClientSampleId :
SP2-A

Tgt Ion:152 Resp: 5689
Ion Ratio Lower Upper
152 100
150 158.0 125.7 188.5
115 65.5 50.7 76.1

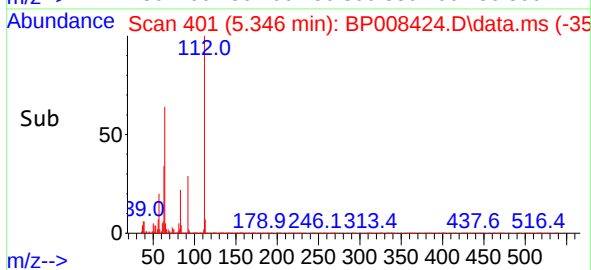
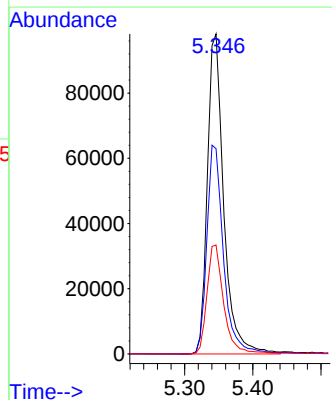
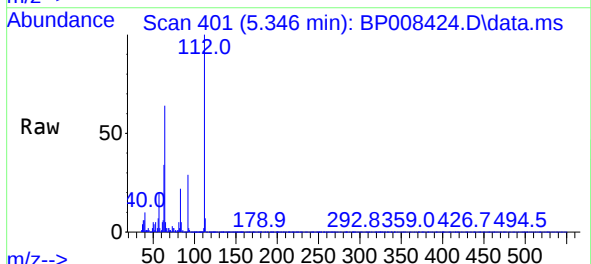
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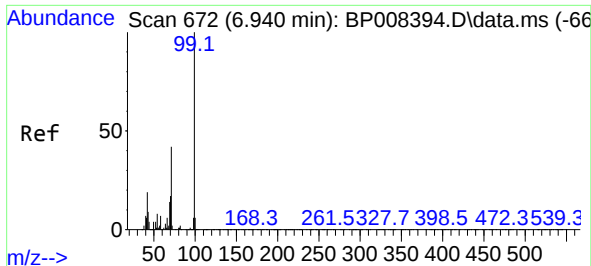
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#5
2-Fluorophenol
Concen: 45.493 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

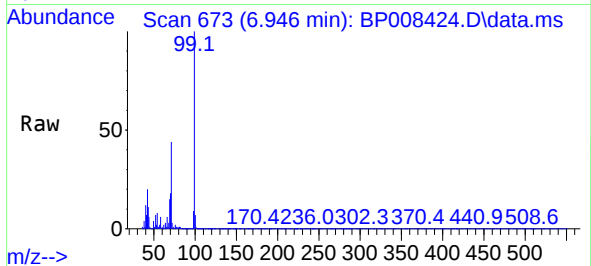
Tgt Ion:112 Resp: 163910
Ion Ratio Lower Upper
112 100
64 64.2 53.4 80.2
63 34.0 27.8 41.8





#7
Phenol-d6
Concen: 43.583 ng
RT: 6.946 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

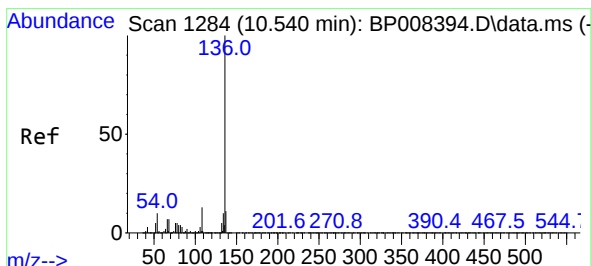
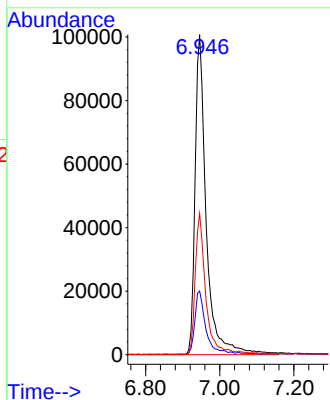
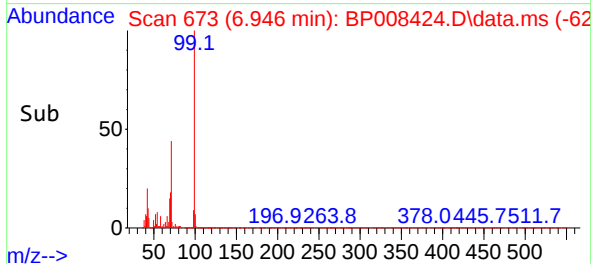
Instrument :
BNA_P
ClientSampleId :
SP2-A



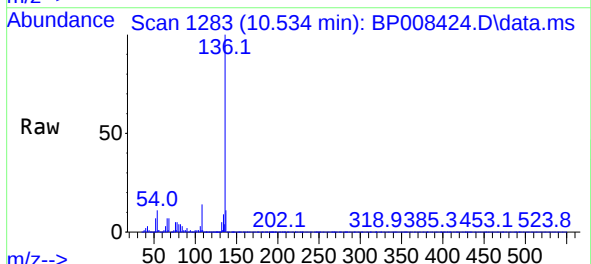
Tgt Ion: 99 Resp: 210898
Ion Ratio Lower Upper
99 100
42 19.9 14.6 22.0
71 44.1 31.1 46.7

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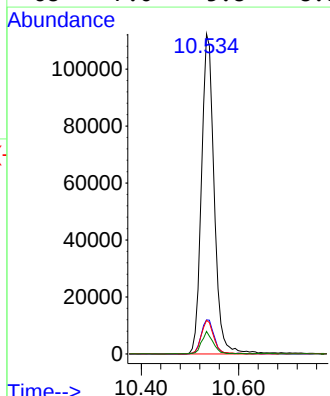
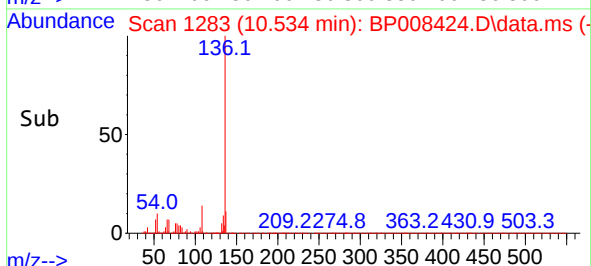
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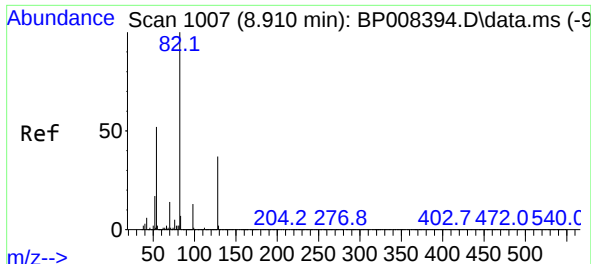


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15



Tgt Ion:136 Resp: 203471
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.5 8.2 12.4
68 7.0 5.8 8.8





#23

Nitrobenzene-d5

Concen: 29.470 ng

RT: 8.905 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BP008424.D

Acq: 15 Dec 2021 19:15

Instrument :

BNA_P

ClientSampleId :

SP2-A

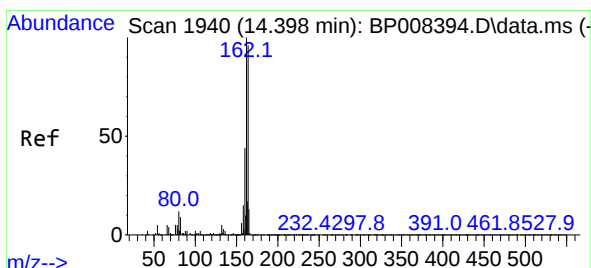
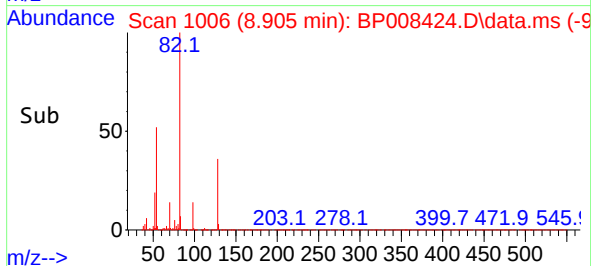
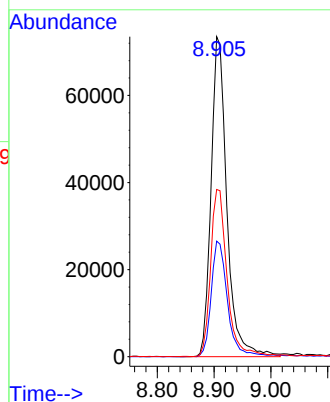
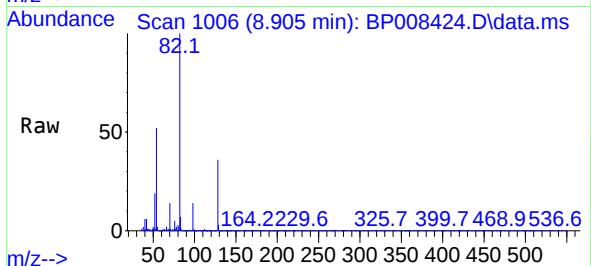
Tgt Ion: 82 Resp: 141540

Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.6	44.4
54	52.3	42.7	64.1

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.393 min Scan# 1939

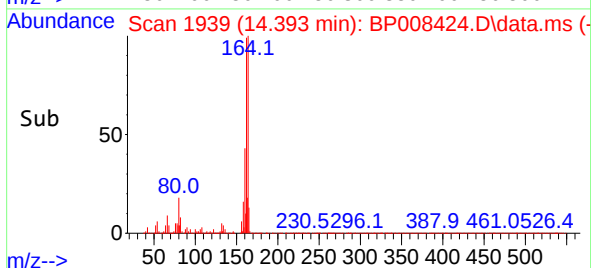
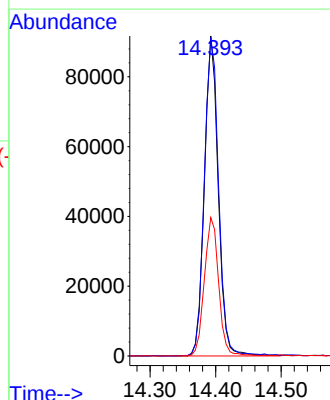
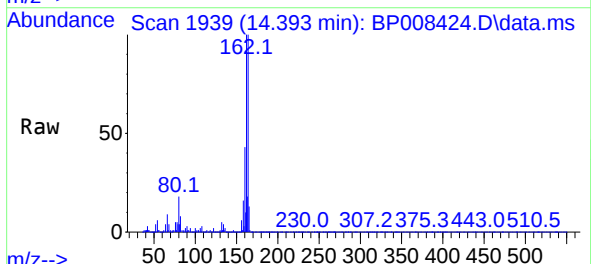
Delta R.T. -0.005 min

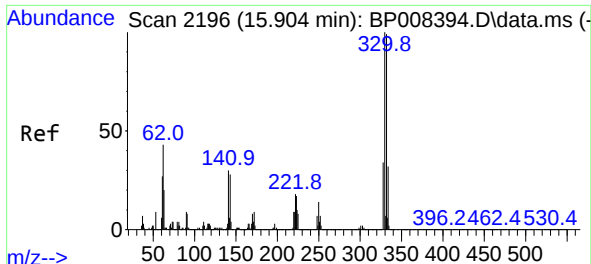
Lab File: BP008424.D

Acq: 15 Dec 2021 19:15

Tgt Ion:164 Resp: 134814

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.9	122.9
160	43.3	35.4	53.0





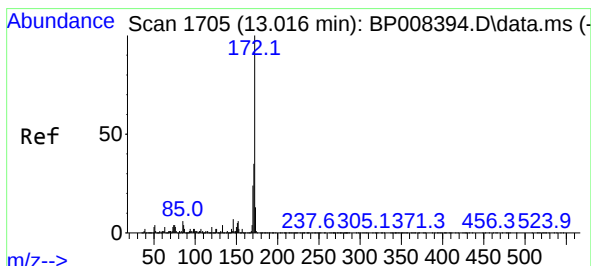
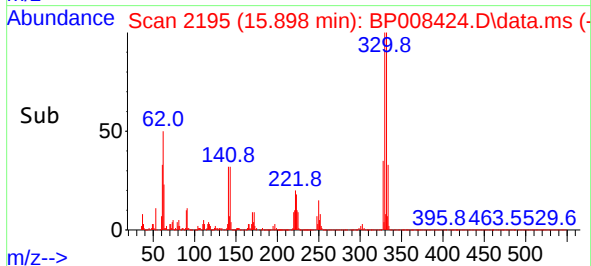
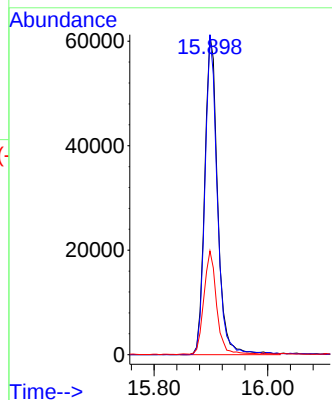
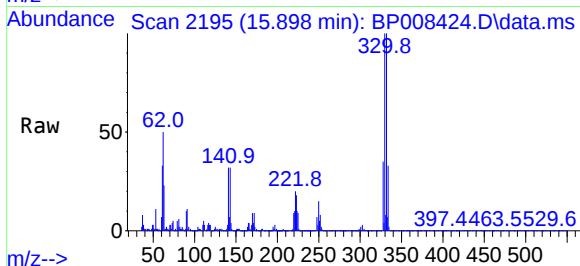
#42
2,4,6-Tribromophenol
Concen: 48.549 ng
RT: 15.898 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

Instrument :
BNA_P
ClientSampleId :
SP2-A

Tgt Ion:330 Resp: 96180
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.4
141 32.1 28.4 42.6

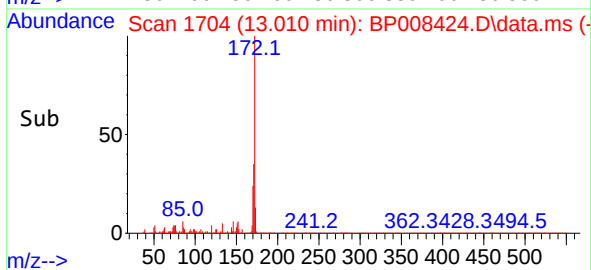
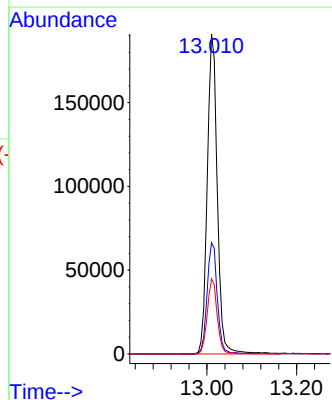
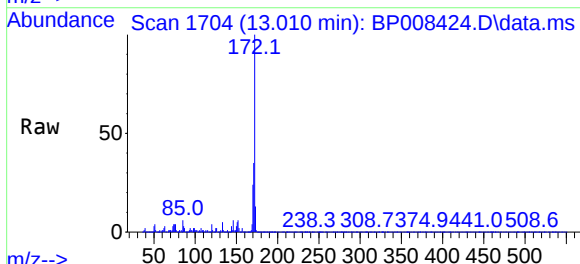
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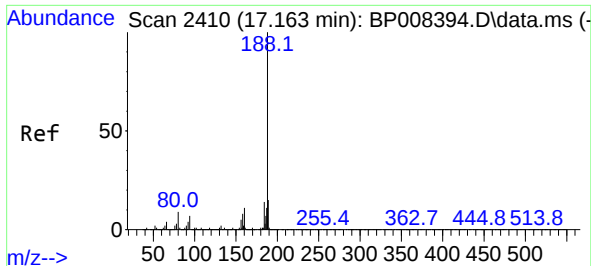
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#45
2-Fluorobiphenyl
Concen: 27.920 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

Tgt Ion:172 Resp: 296101
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.5 18.9 28.3





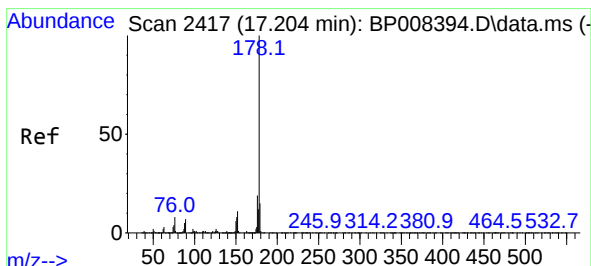
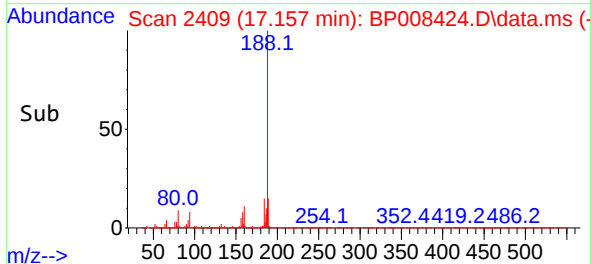
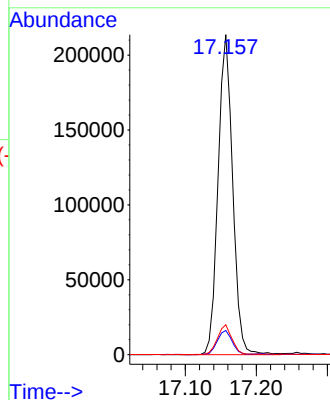
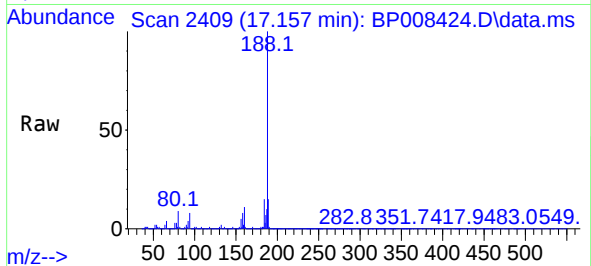
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

Instrument :
BNA_P
ClientSampleId :
SP2-A

Tgt Ion:188 Resp: 303650
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 9.3 8.2 12.4

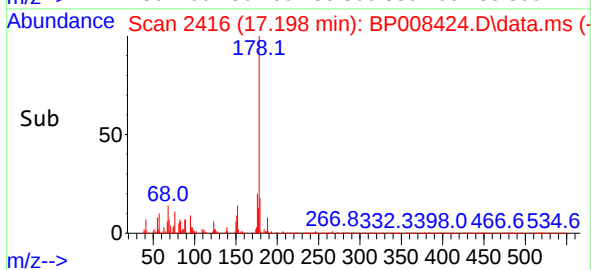
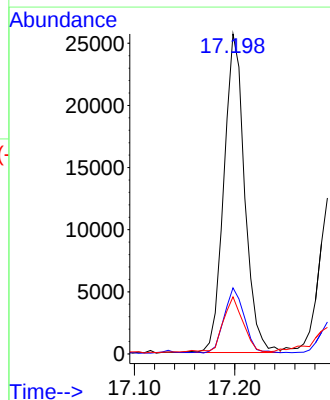
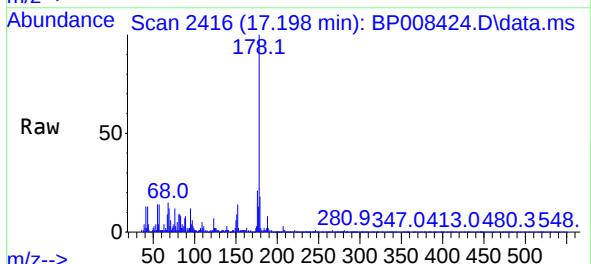
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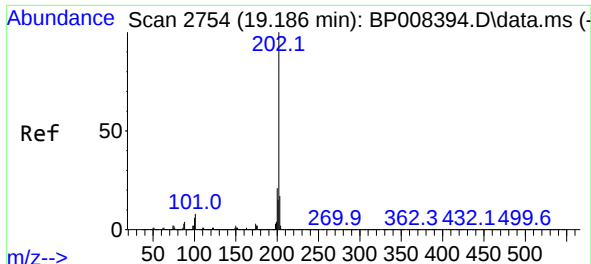
Reviewed By :Christian Giraldo 12/16/2021
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#71
Phenanthrene
Concen: 2.241 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

Tgt Ion:178 Resp: 36864
Ion Ratio Lower Upper
178 100
176 20.6 15.3 22.9
179 17.8 12.5 18.7





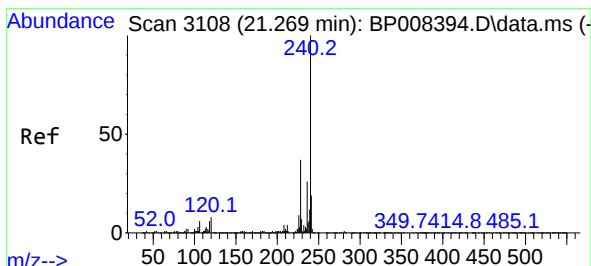
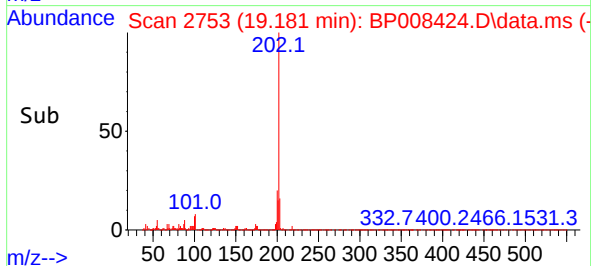
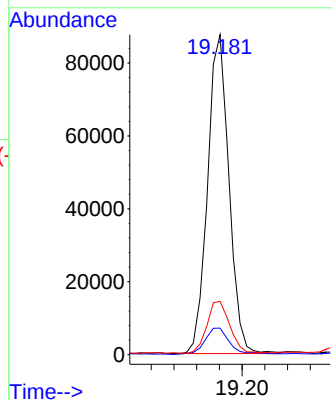
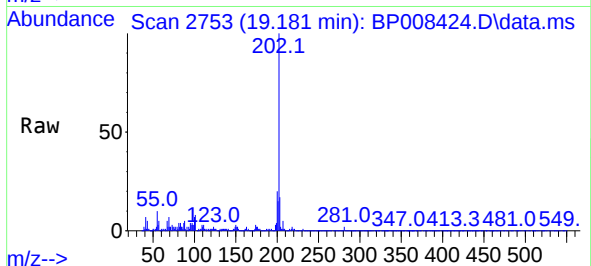
#75
Fluoranthene
Concen: 6.163 ng
RT: 19.181 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

Instrument :
BNA_P
ClientSampleId :
SP2-A

Tgt Ion:202 Resp: 11444
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.8
203 16.7 0.0 37.7

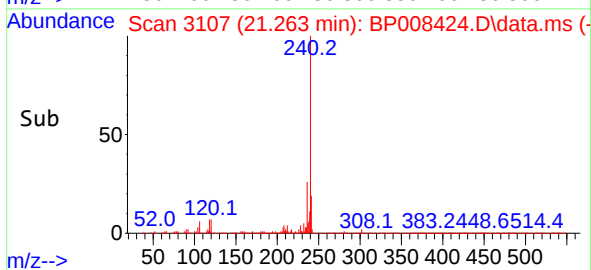
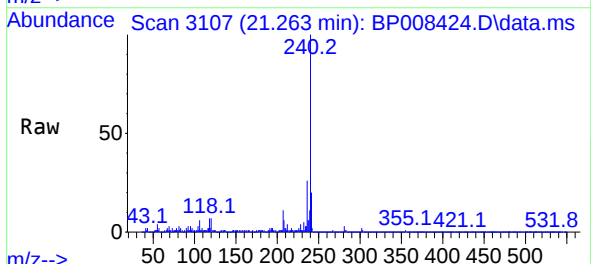
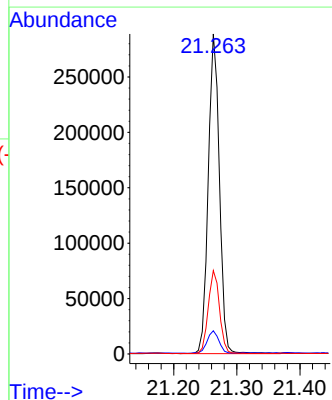
Manual Integrations
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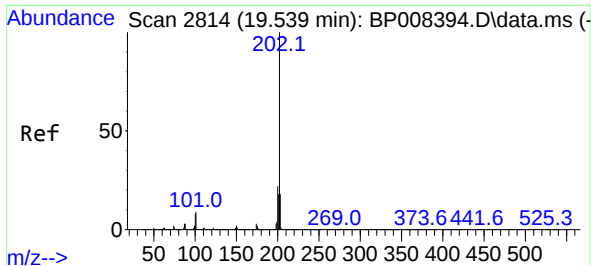
Reviewed By :Christian Giraldo 12/16/2021
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

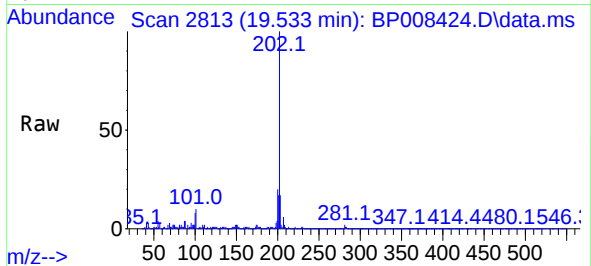
Tgt Ion:240 Resp: 354178
Ion Ratio Lower Upper
240 100
120 7.2 7.3 10.9#
236 26.0 21.4 32.2





#78
Pyrene
Concen: 4.991 ng
RT: 19.533 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

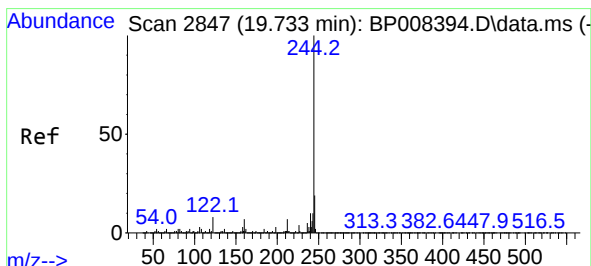
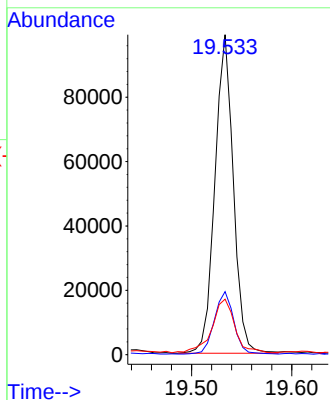
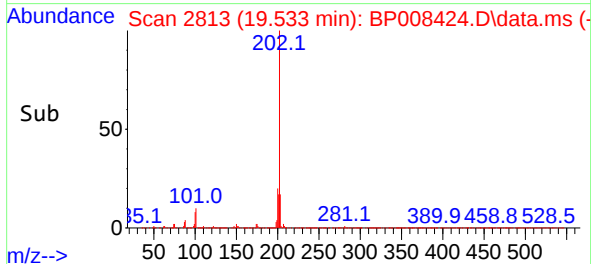
Instrument :
BNA_P
ClientSampleId :
SP2-A



Tgt Ion: 202 Resp: 12646
Ion Ratio Lower Upper
202 100
200 19.7 17.1 25.7
203 17.3 14.2 21.2

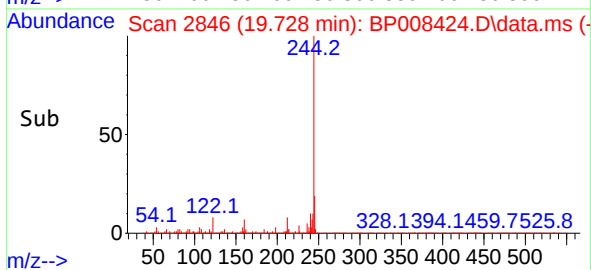
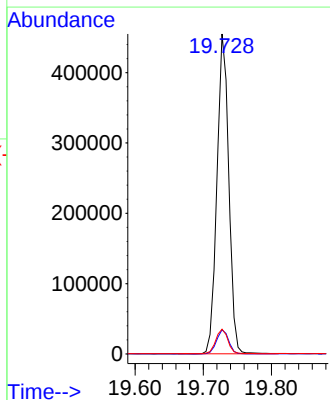
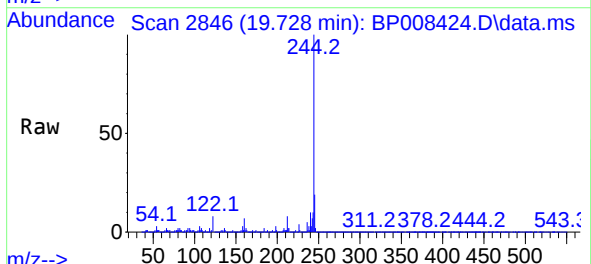
Manual Integrations
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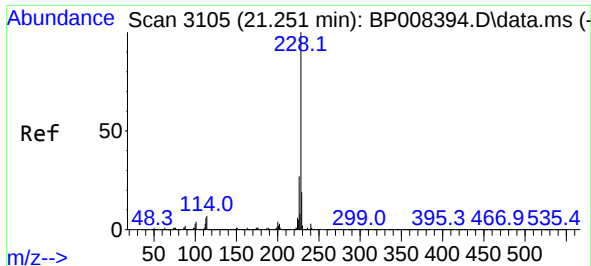
Reviewed By : Christian Giraldo 12/16/2021
Supervised By : Jagrut Upadhyay 12/16/2021



#79
Terphenyl-d14
Concen: 26.996 ng
RT: 19.728 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

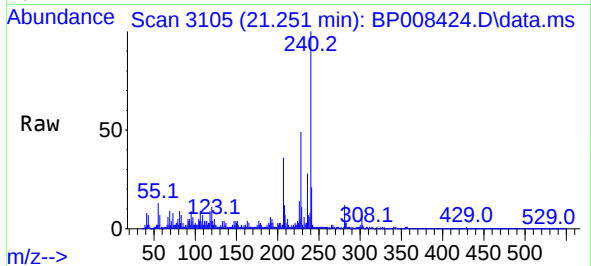
Tgt Ion: 244 Resp: 549373
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 7.7 6.6 9.8





#81
Benzo(a)anthracene
Concen: 2.413 ng
RT: 21.251 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

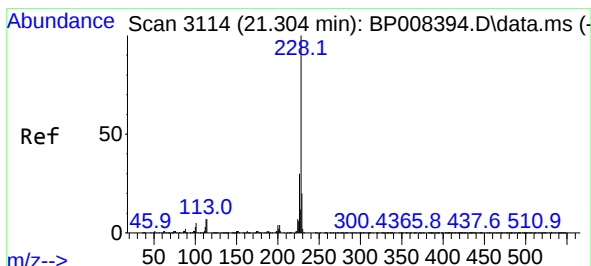
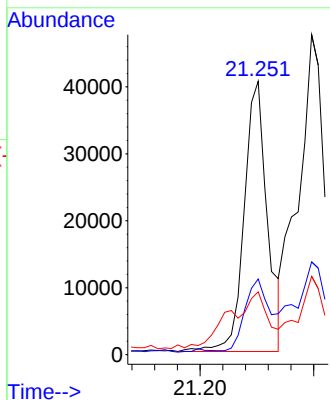
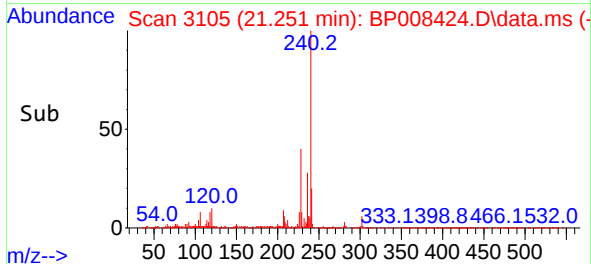
Instrument :
BNA_P
ClientSampleId :
SP2-A



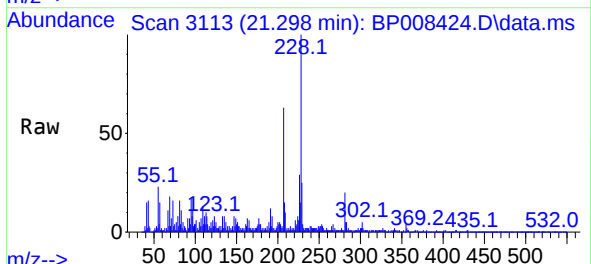
Tgt Ion:228 Resp: 57279
Ion Ratio Lower Upper
228 100
226 27.7 21.9 32.9
229 23.0 15.9 23.9

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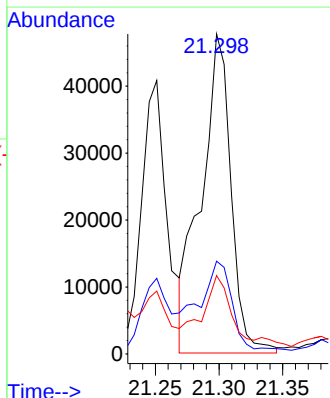
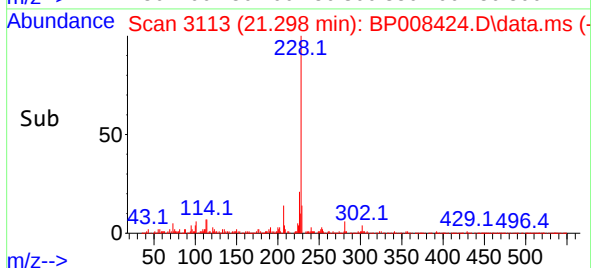
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021

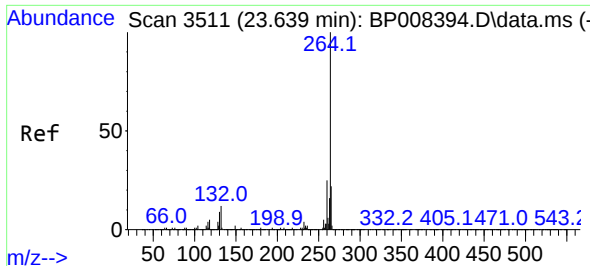


#83
Chrysene
Concen: 3.437 ng m
RT: 21.298 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15



Tgt Ion:228 Resp: 77926
Ion Ratio Lower Upper
228 100
226 29.0 24.0 36.0
229 24.5 15.8 23.8#





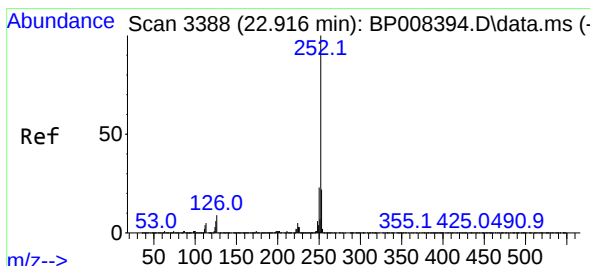
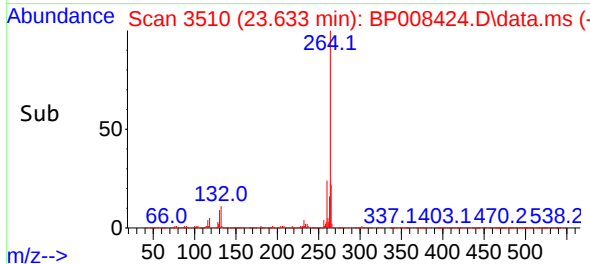
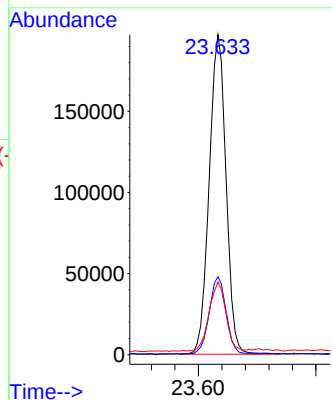
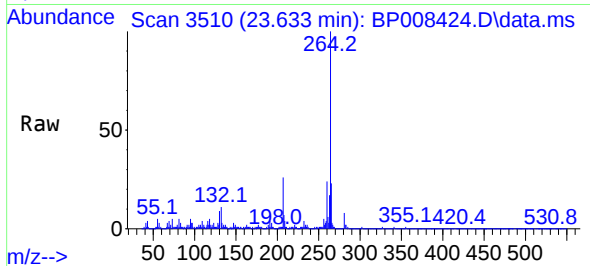
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

Instrument :
BNA_P
ClientSampleId :
SP2-A

Tgt Ion:264 Resp: 39199
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 22.7 17.6 26.4

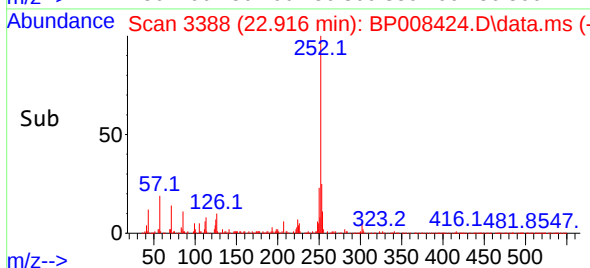
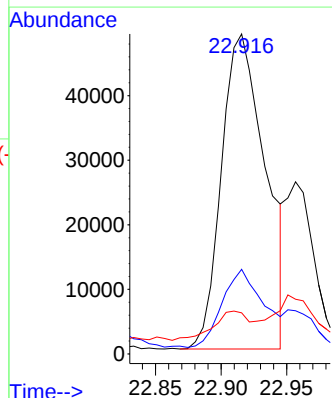
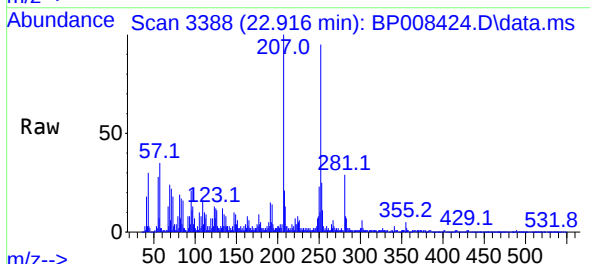
Manual Integrations
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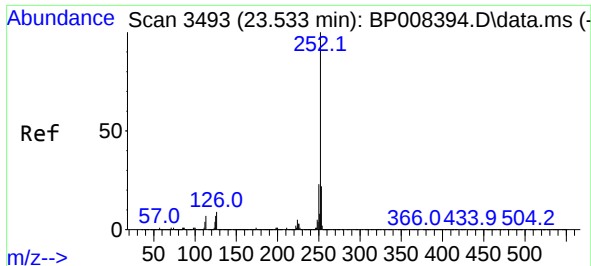
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021



#88
Benzo(b)fluoranthene
Concen: 4.824 ng
RT: 22.916 min Scan# 3388
Delta R.T. 0.000 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

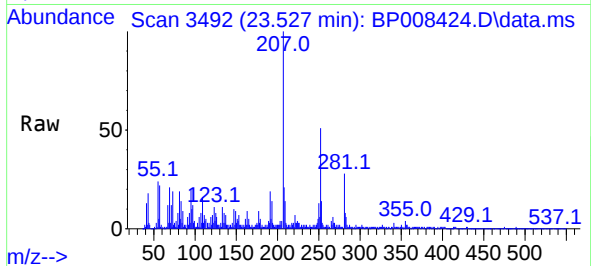
Tgt Ion:252 Resp: 113741
Ion Ratio Lower Upper
252 100
253 26.5 17.7 26.5
125 12.9 6.2 9.4





#90
Benzo(a)pyrene
Concen: 2.411 ng
RT: 23.527 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP008424.D
Acq: 15 Dec 2021 19:15

Instrument :
BNA_P
ClientSampleId :
SP2-A



Tgt Ion:252 Resp: 49344
Ion Ratio Lower Upper
252 100
253 26.3 17.6 26.4
125 15.6 7.4 11.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/16/2021
Supervised By :Jagrut Upadhyay 12/16/2021

