

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
 Data File : BP008738.D
 Acq On : 07 Jan 2022 21:48
 Operator : CG/JU
 Sample : N1047-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FM-E7-01-2.5

Quant Time: Jan 08 02:27:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 07 07:45:52 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/10/2022
 Supervised By :Jagrut Upadhyay 01/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	506544	20.000	ng	-0.01
21) Naphthalene-d8	10.669	136	2017407	20.000	ng	-0.01
39) Acenaphthene-d10	14.504	164	1292273	20.000	ng	-0.01
64) Phenanthrene-d10	17.257	188	2772209	20.000	ng	-0.01
76) Chrysene-d12	21.345	240	2351420	20.000	ng	-0.01
86) Perylene-d12	23.774	264	2237947	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	3050340	94.300	ng	0.00
7) Phenol-d6	7.046	99	3769991	86.818	ng	0.00
23) Nitrobenzene-d5	9.028	82	2334026	65.521	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1891000	86.735	ng	-0.01
45) 2-Fluorobiphenyl	13.134	172	5979930	65.057	ng	0.00
79) Terphenyl-d14	19.822	244	9500057	82.332	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.269	202	756651	4.102	ng	96
78) Pyrene	19.622	202	768240	4.997	ng	97
81) Benzo(a)anthracene	21.333	228	409344m	2.654	ng	
83) Chrysene	21.380	228	382987m	2.574	ng	
88) Benzo(b)fluoranthene	23.033	252	544224	3.722	ng	98
90) Benzo(a)pyrene	23.663	252	385719	2.729	ng	98

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

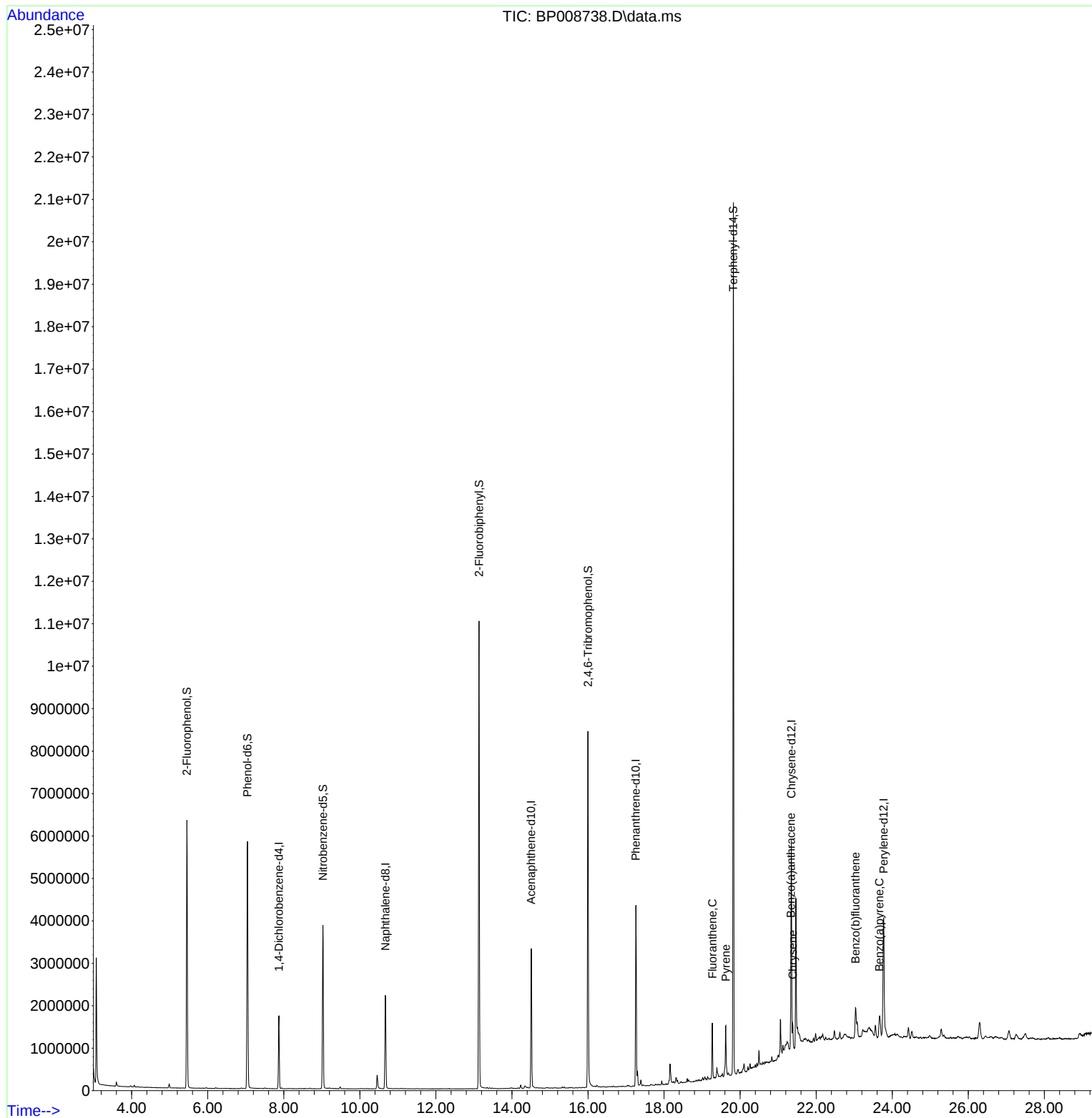
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010722\
Data File : BP008738.D
Acq On : 07 Jan 2022 21:48
Operator : CG/JU
Sample : N1047-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

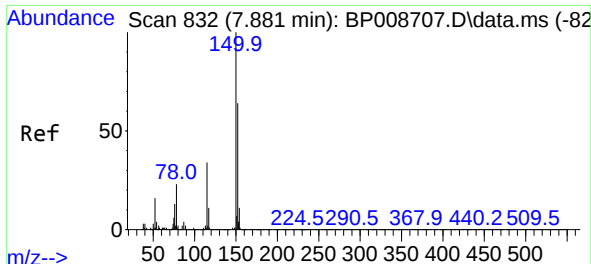
Instrument :
BNA_P
ClientSampleId :
FM-E7-01-2.5

Quant Time: Jan 08 02:27:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
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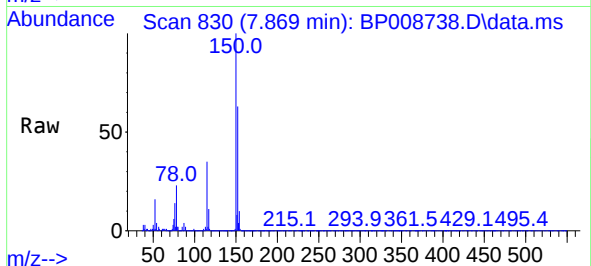
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Instrument :

BNA_P

ClientSampleId :

FM-E7-01-2.5

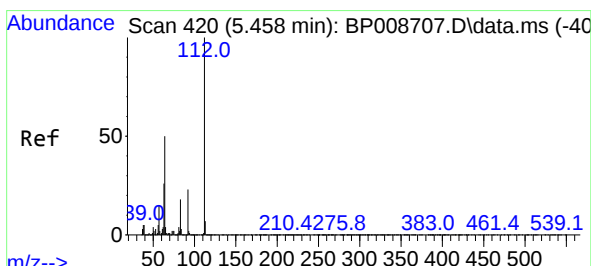
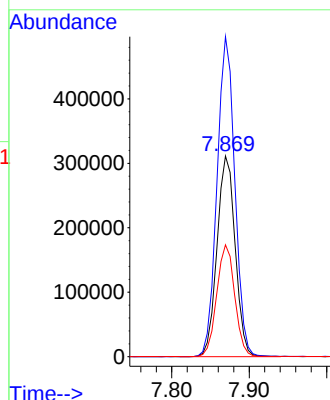
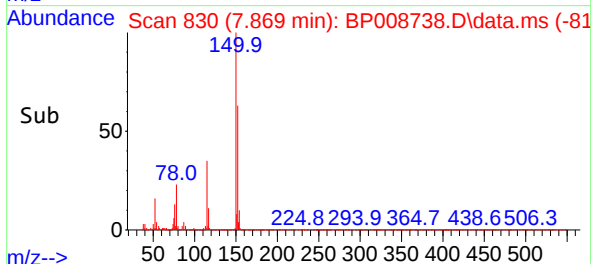


Tgt Ion:152 Resp: 506544
Ion Ratio Lower Upper
152 100
150 159.5 127.0 190.6
115 55.7 43.7 65.5

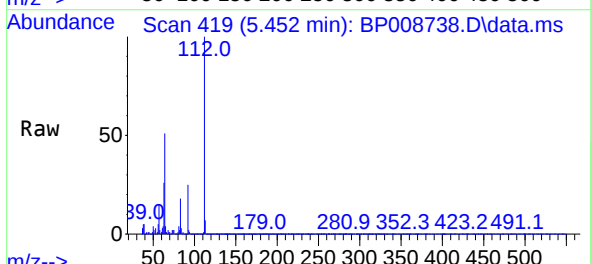
Manual Integrations

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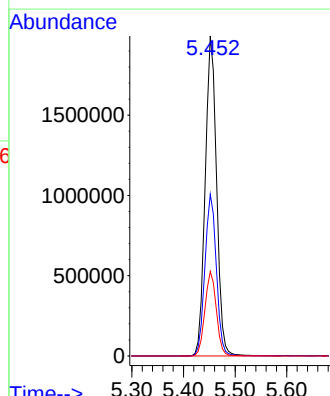
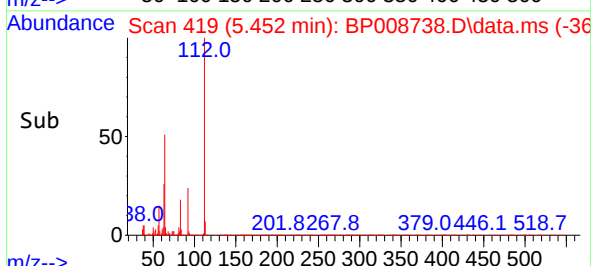
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

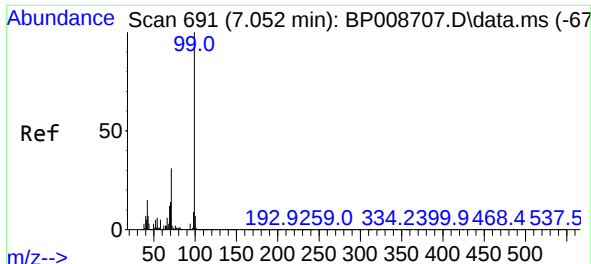


#5
2-Fluorophenol
Concen: 94.300 ng
RT: 5.452 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48



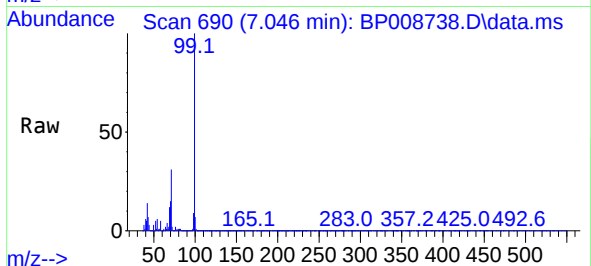
Tgt Ion:112 Resp: 3050340
Ion Ratio Lower Upper
112 100
64 50.6 39.7 59.5
63 26.4 20.0 30.0





#7
Phenol-d6
Concen: 86.818 ng
RT: 7.046 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Instrument :
BNA_P
ClientSampleId :
FM-E7-01-2.5

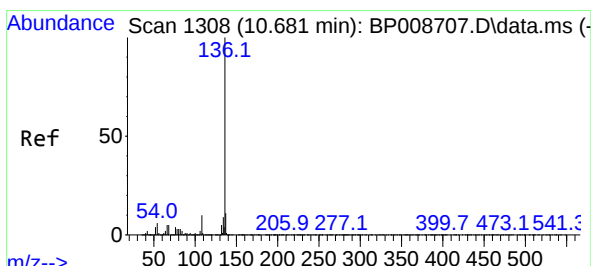
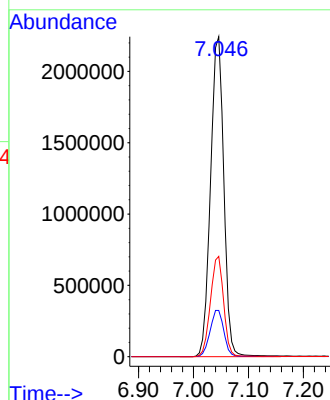
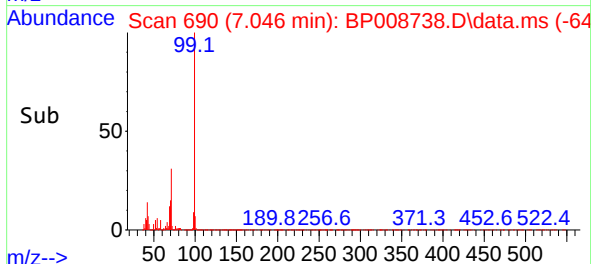


Tgt Ion: 99 Resp: 376999

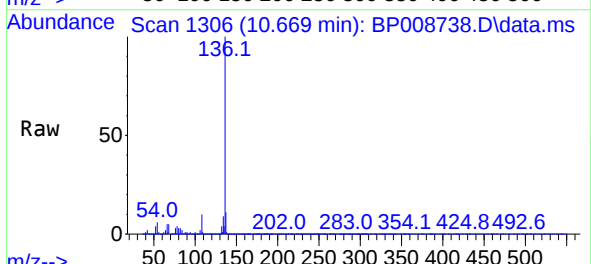
Ion	Ratio	Lower	Upper
99	100		
42	14.4	10.8	16.2
71	31.4	23.8	35.6

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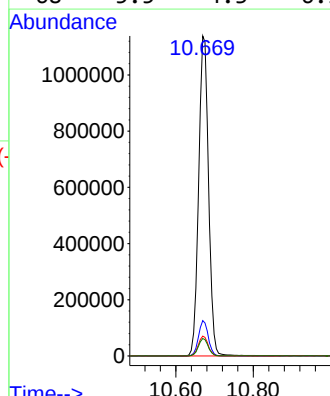
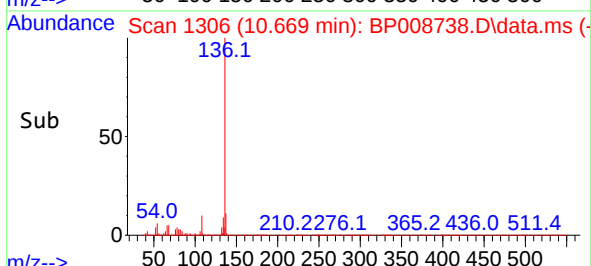


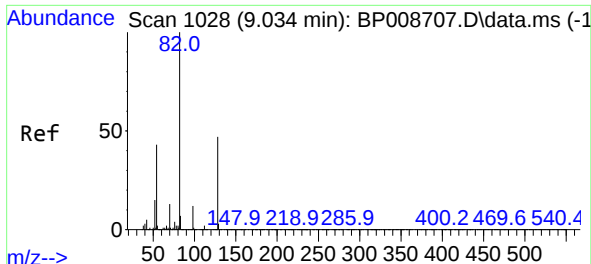
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48



Tgt Ion:136 Resp: 2017407

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.2	4.9	7.3
68	5.5	4.3	6.5





#23
Nitrobenzene-d5
Concen: 65.521 ng
RT: 9.028 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Instrument :

BNA_P

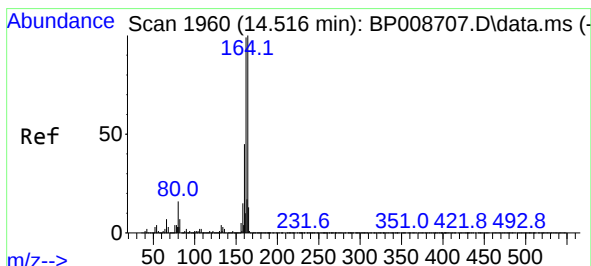
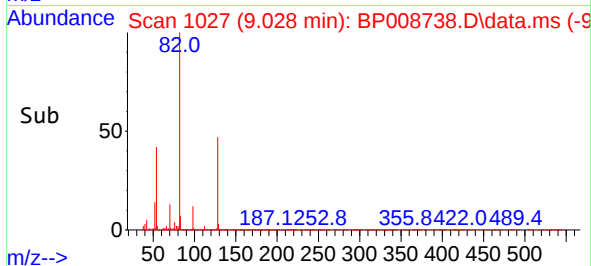
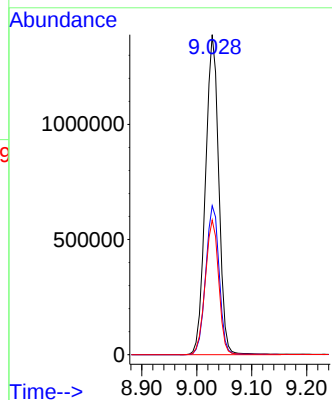
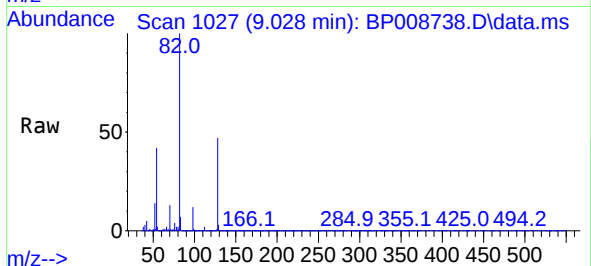
ClientSampleId :

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Tgt Ion: 82 Resp: 2334020
Ion Ratio Lower Upper
82 100
128 46.6 39.4 59.2
54 42.0 32.6 48.8

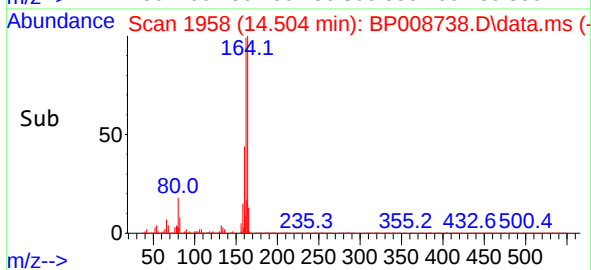
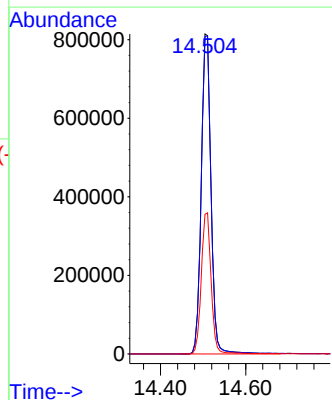
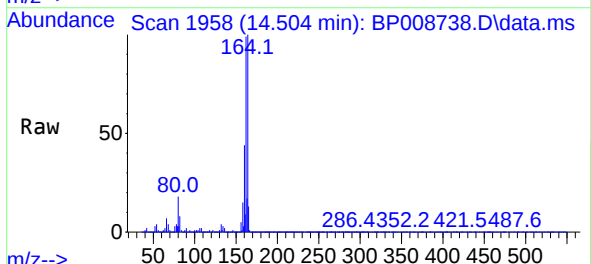
Manual Integrations
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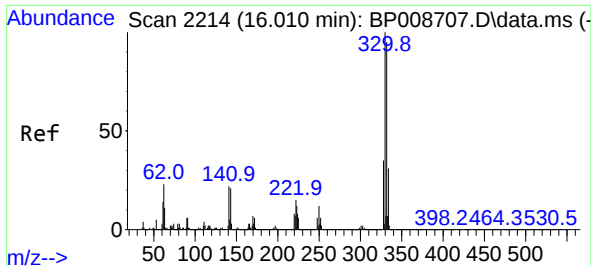
Reviewed By :Christian Giraldo 01/10/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Tgt Ion:164 Resp: 1292273
Ion Ratio Lower Upper
164 100
162 99.2 79.9 119.9
160 43.6 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 86.735 ng
RT: 15.998 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Instrument :

BNA_P

ClientSampleId :

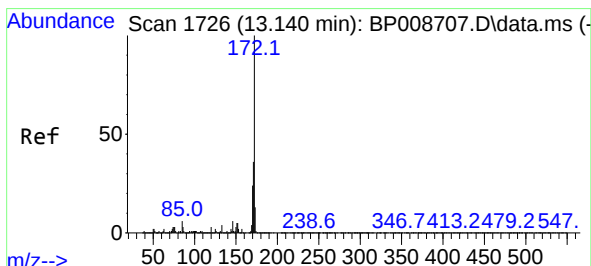
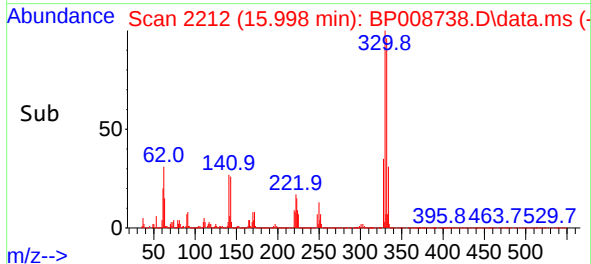
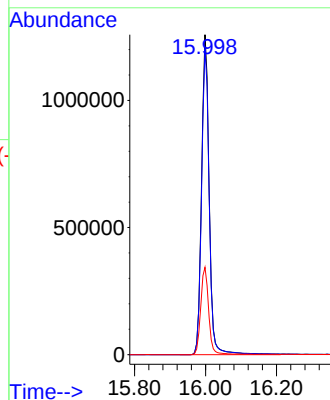
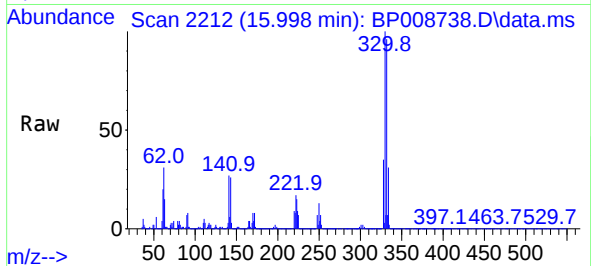
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Tgt Ion:330 Resp: 1891000
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 28.4 21.3 31.9

Manual Integrations

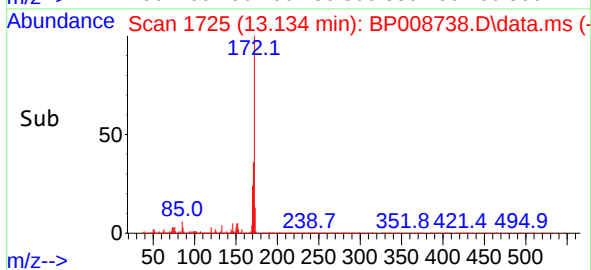
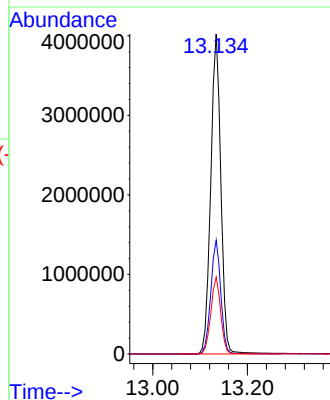
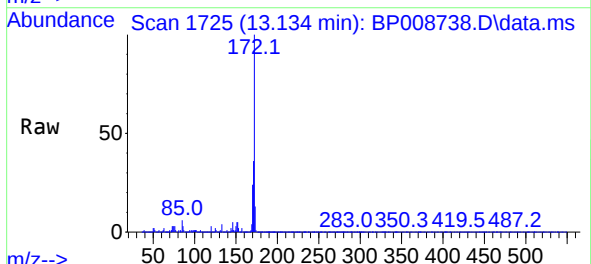
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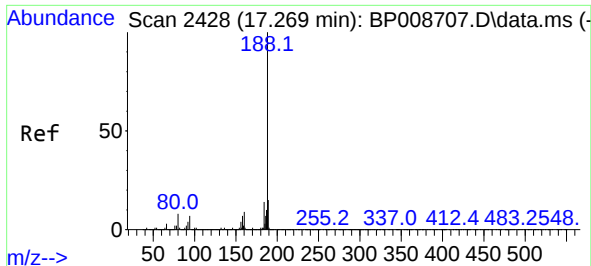
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#45
2-Fluorobiphenyl
Concen: 65.057 ng
RT: 13.134 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Tgt Ion:172 Resp: 5979930
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 24.0 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Instrument :

BNA_P

ClientSampleId :

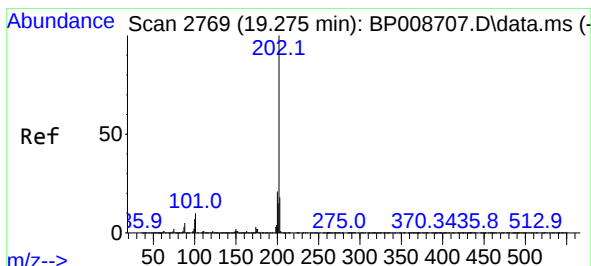
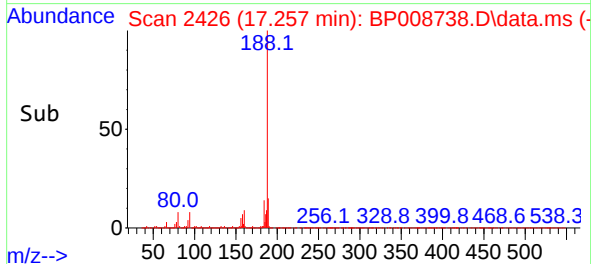
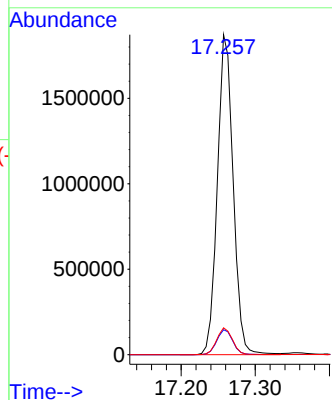
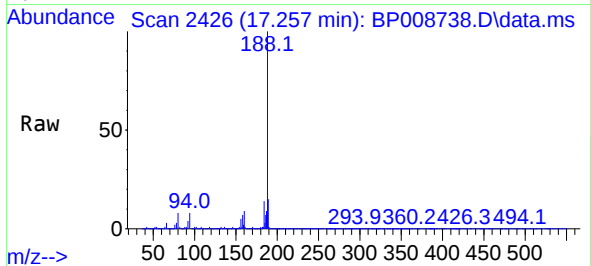
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Tgt Ion:188 Resp: 2772209
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.4 7.2 10.8

Manual Integrations

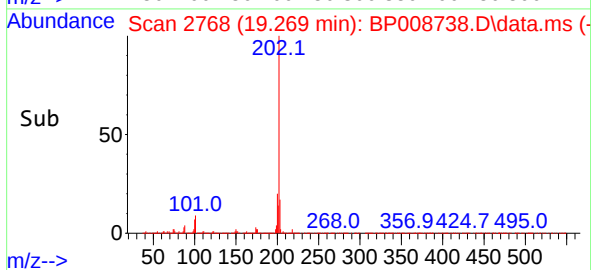
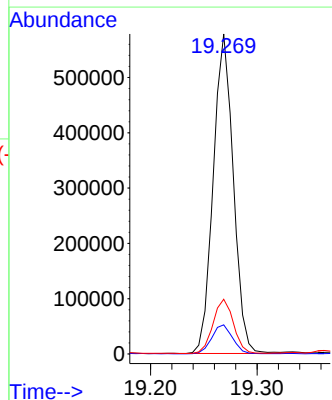
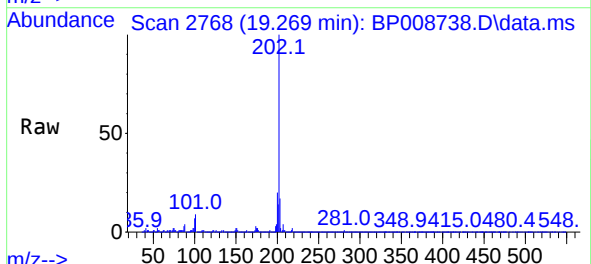
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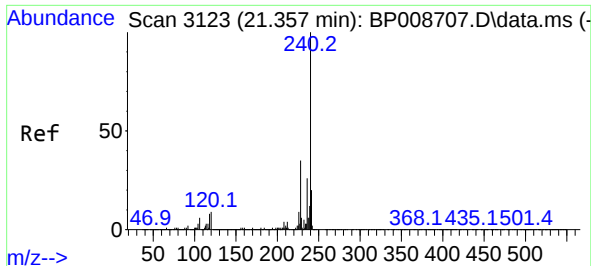
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#75
Fluoranthene
Concen: 4.102 ng
RT: 19.269 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Tgt Ion:202 Resp: 756651
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.7
203 17.1 0.0 38.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Instrument :

BNA_P

ClientSampleId :

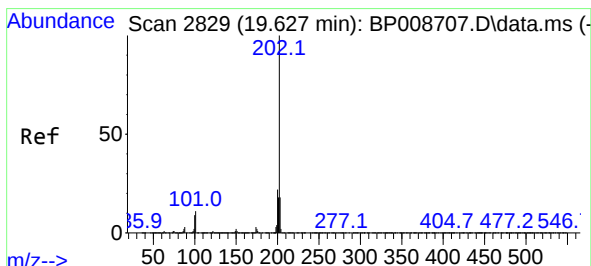
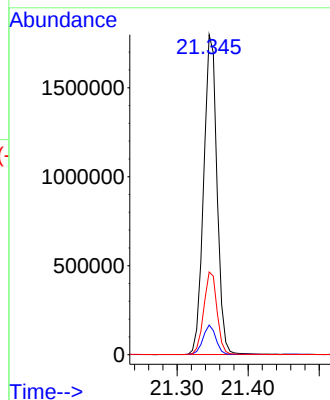
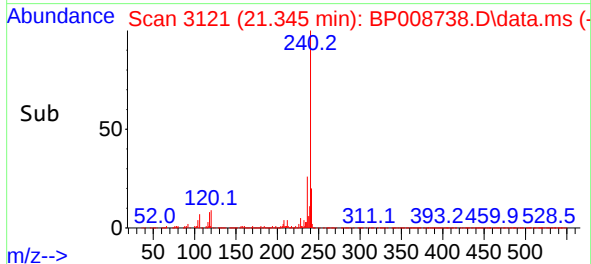
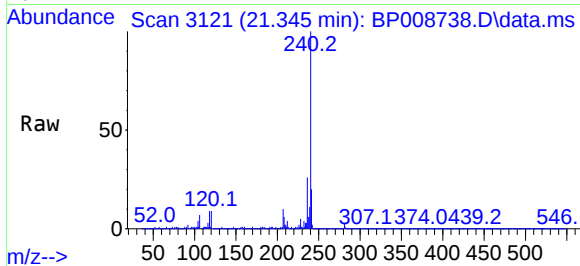
FM-E7-01-2.5

Tgt Ion:240 Resp: 2351420
Ion Ratio Lower Upper
240 100
120 9.3 7.7 11.5
236 25.8 21.2 31.8

Manual Integrations

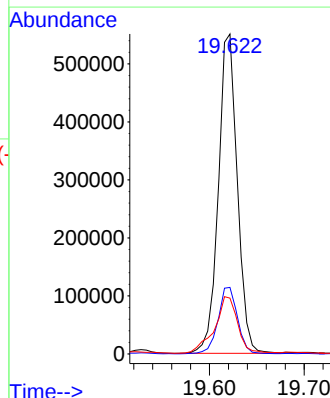
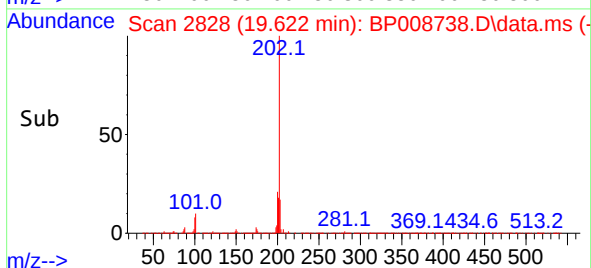
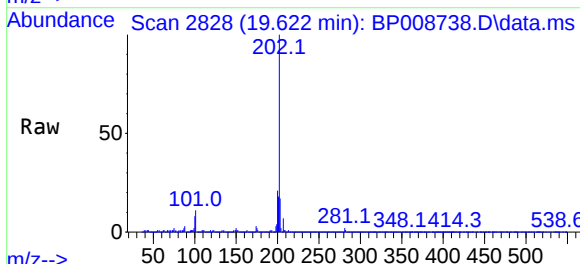
APPROVED

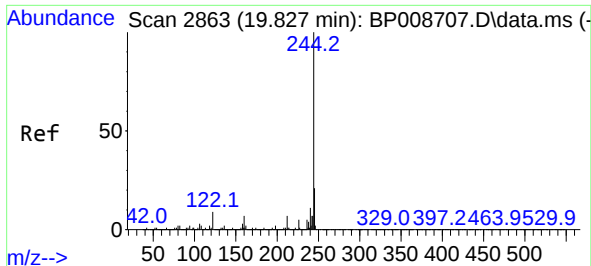
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#78
Pyrene
Concen: 4.997 ng
RT: 19.622 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Tgt Ion:202 Resp: 768240
Ion Ratio Lower Upper
202 100
200 20.8 18.0 27.0
203 17.4 15.0 22.6





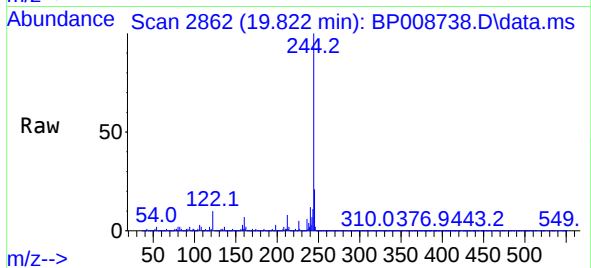
#79
Terphenyl-d14
Concen: 82.332 ng
RT: 19.822 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Instrument :

BNA_P

ClientSampleId :

FM-E7-01-2.5

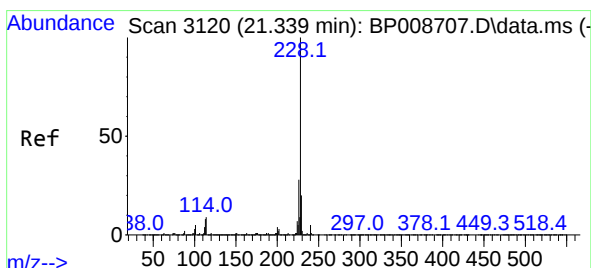
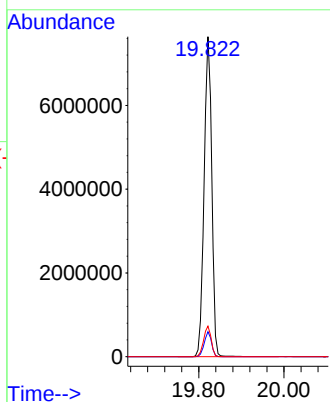
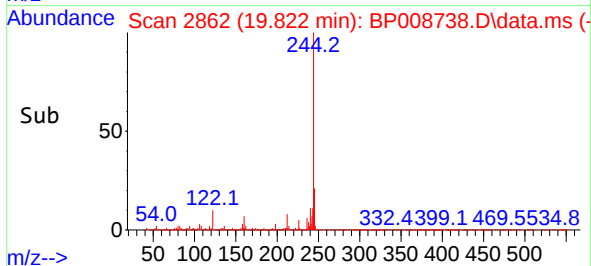


Tgt Ion:244 Resp: 950005
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 9.5 9.2 13.8

Manual Integrations

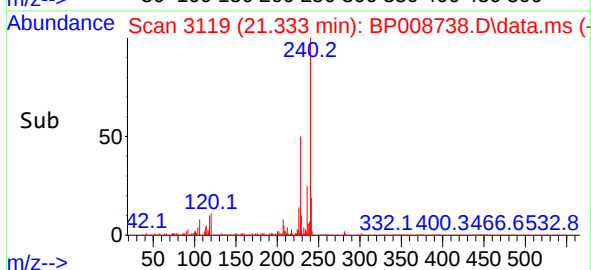
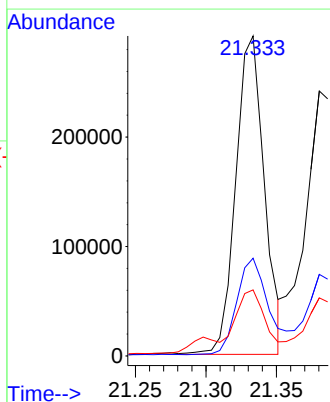
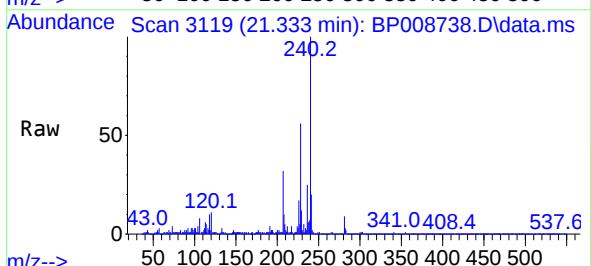
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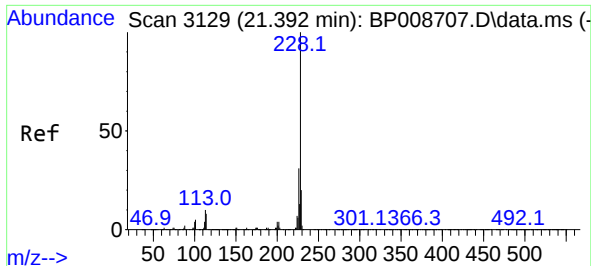
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#81
Benzo(a)anthracene
Concen: 2.654 ng m
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

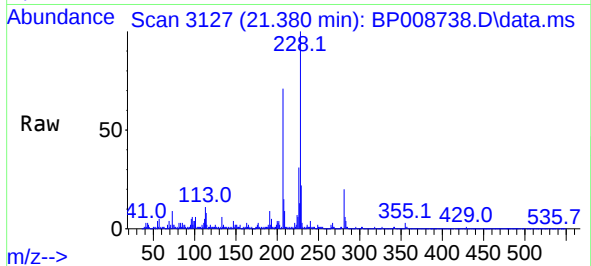
Tgt Ion:228 Resp: 409344
Ion Ratio Lower Upper
228 100
226 30.5 23.3 34.9
229 20.6 17.0 25.6





#83
Chrysene
Concen: 2.574 ng m
RT: 21.380 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

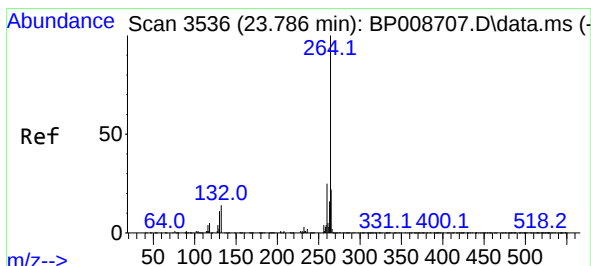
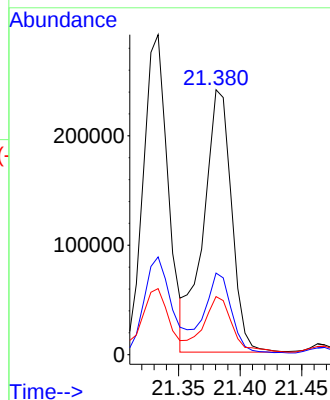
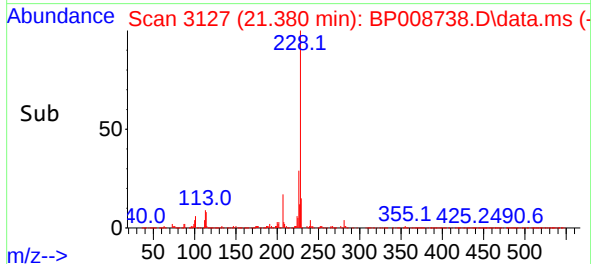
Instrument :
BNA_P
ClientSampleId :
FM-E7-01-2.5



Tgt Ion:228 Resp: 38298
Ion Ratio Lower Upper
228 100
226 30.8 26.0 39.0
229 21.9 16.9 25.3

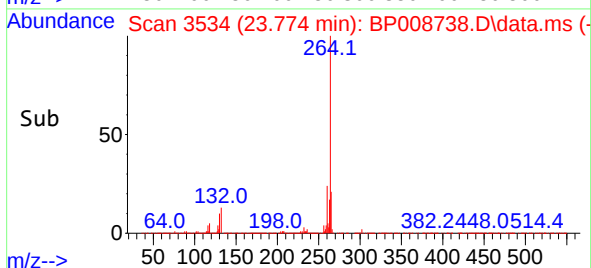
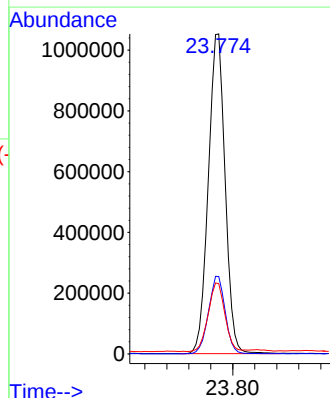
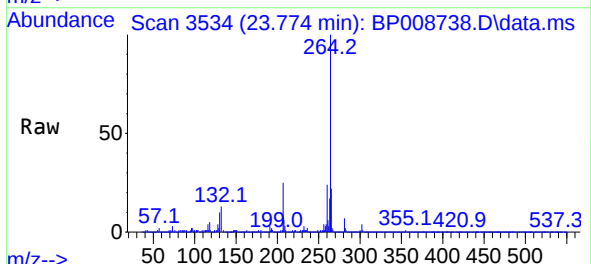
Manual Integrations
APPROVED

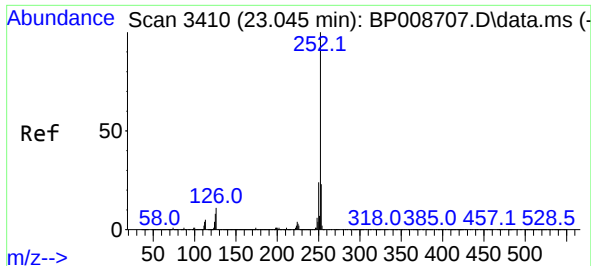
Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3534
Delta R.T. -0.012 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Tgt Ion:264 Resp: 2237947
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 21.9 17.1 25.7





#88
Benzo(b)fluoranthene
Concen: 3.722 ng
RT: 23.033 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Instrument :

BNA_P

ClientSampleId :

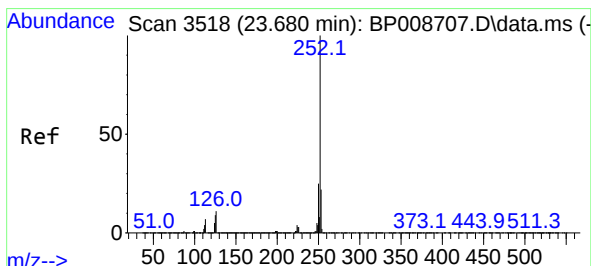
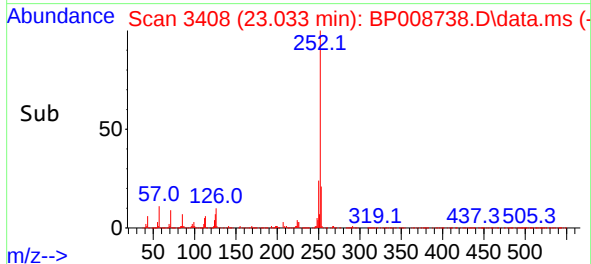
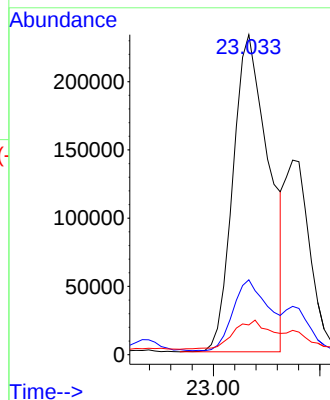
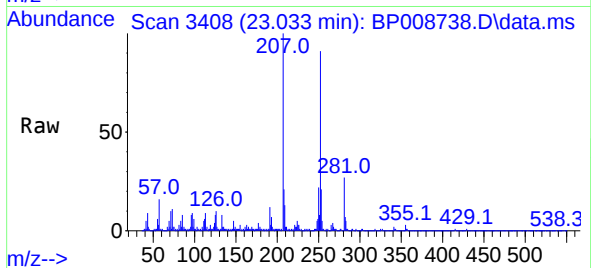
FM-E7-01-2.5

Tgt Ion:252 Resp: 544224
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 9.3 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022



#90
Benzo(a)pyrene
Concen: 2.729 ng
RT: 23.663 min Scan# 3515
Delta R.T. -0.018 min
Lab File: BP008738.D
Acq: 07 Jan 2022 21:48

Tgt Ion:252 Resp: 385719
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.8 7.8 11.6

