

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011122\
 Data File : BP008767.D
 Acq On : 11 Jan 2022 16:38
 Operator : CG/JU
 Sample : N1076-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-01

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/12/2022
 Supervised By : Jagrut Upadhyay 01/12/2022

Quant Time: Jan 12 00:20:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	432828	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1563350	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	937942	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1917794	20.000	ng	0.00
76) Chrysene-d12	21.351	240	1955497	20.000	ng	0.00
86) Perylene-d12	23.780	264	2116735	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	984586	35.622	ng	0.00
7) Phenol-d6	7.046	99	1149952	30.992	ng	0.00
23) Nitrobenzene-d5	9.028	82	684705	24.804	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	430083	27.179	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	1748308	26.206	ng	0.00
79) Terphenyl-d14	19.822	244	2621230	27.316	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.304	178	299861	2.814	ng	99
75) Fluoranthene	19.269	202	577071	4.523	ng	97
78) Pyrene	19.622	202	674495	5.275	ng	97
88) Benzo(b)fluoranthene	23.039	252	361346m	2.613	ng	

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

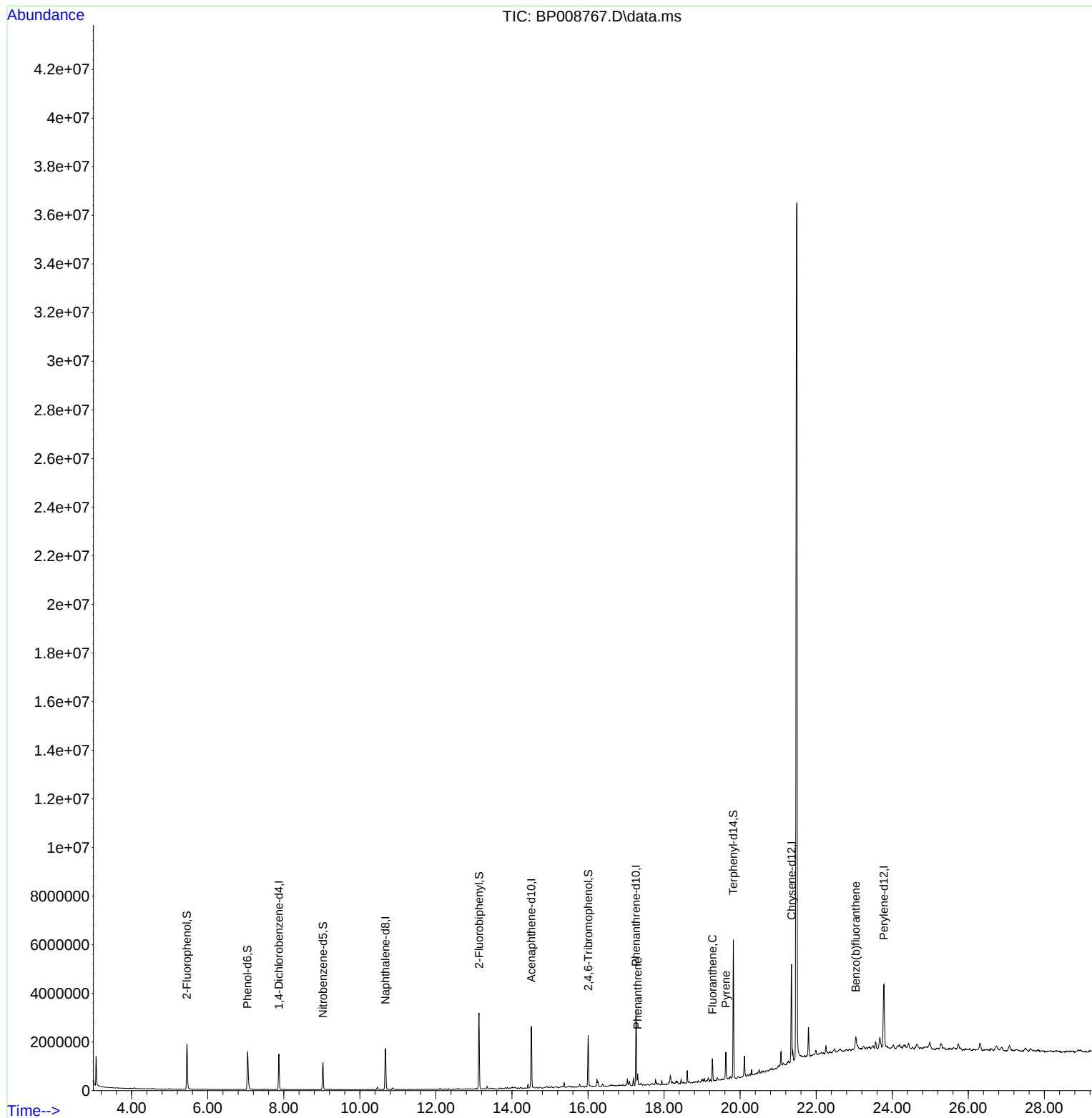
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011122\
Data File : BP008767.D
Acq On : 11 Jan 2022 16:38
Operator : CG/JU
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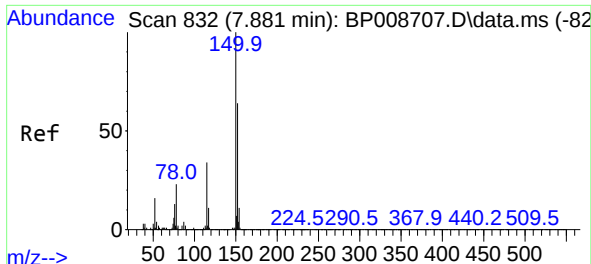
Instrument :
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Quant Time: Jan 12 00:20:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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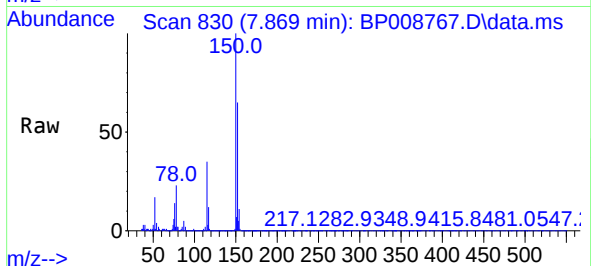
Reviewed By : Christian Giraldo 01/12/2022
Supervised By : Jagrut Upadhyay 01/12/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

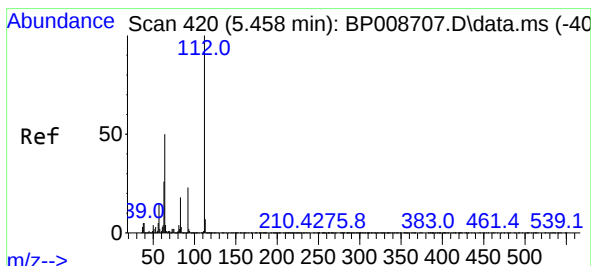
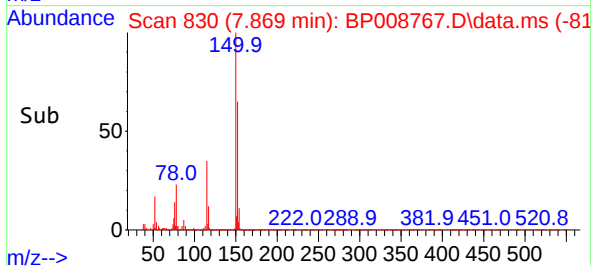
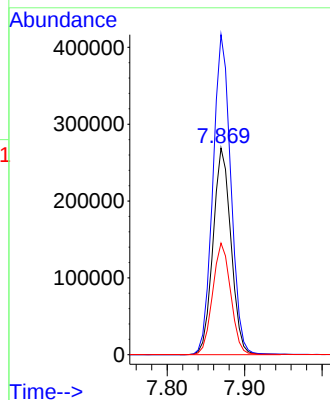
Instrument :
BNA_P
ClientSampleId :
SB-01



Tgt Ion:152 Resp: 432828
Ion Ratio Lower Upper
152 100
150 154.8 127.0 190.6
115 53.9 43.7 65.5

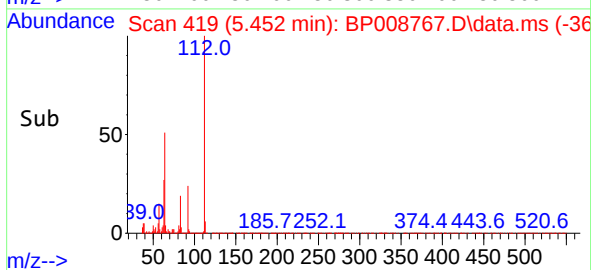
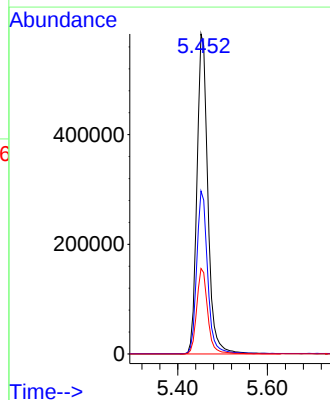
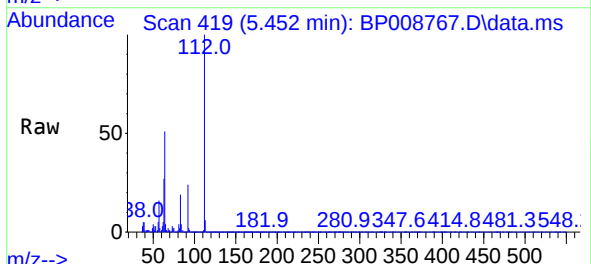
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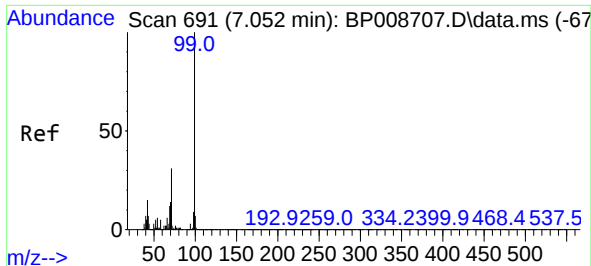
Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022



#5
2-Fluorophenol
Concen: 35.622 ng
RT: 5.452 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

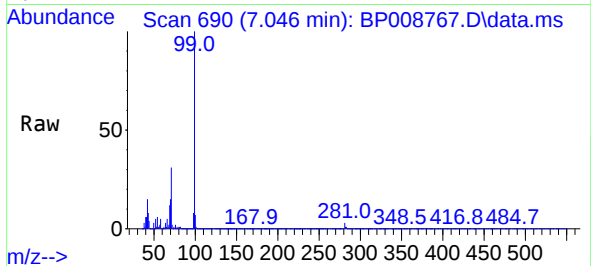
Tgt Ion:112 Resp: 984586
Ion Ratio Lower Upper
112 100
64 50.9 39.7 59.5
63 26.7 20.0 30.0





#7
Phenol-d6
Concen: 30.992 ng
RT: 7.046 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

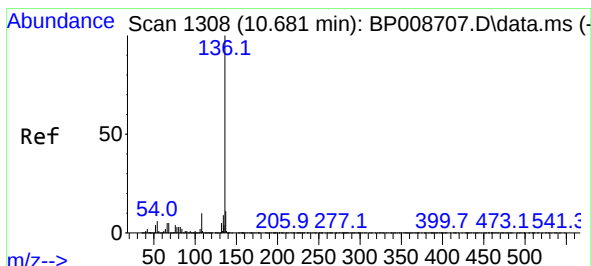
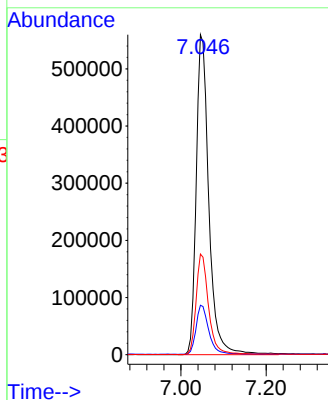
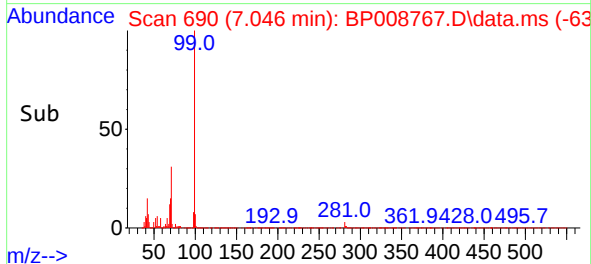
Instrument :
BNA_P
ClientSampleId :
SB-01



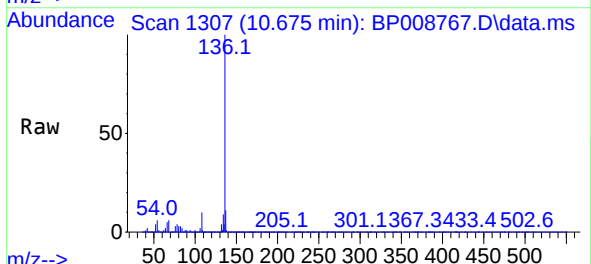
Tgt Ion: 99 Resp: 1149952
Ion Ratio Lower Upper
99 100
42 15.5 10.8 16.2
71 31.4 23.8 35.6

Manual Integrations
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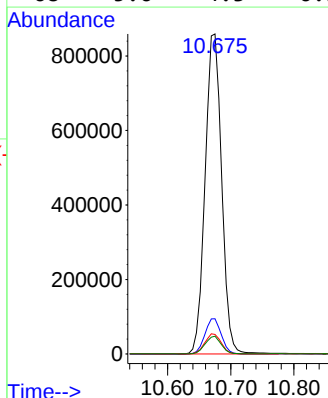
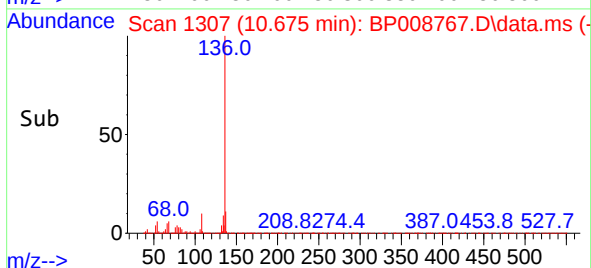
Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022

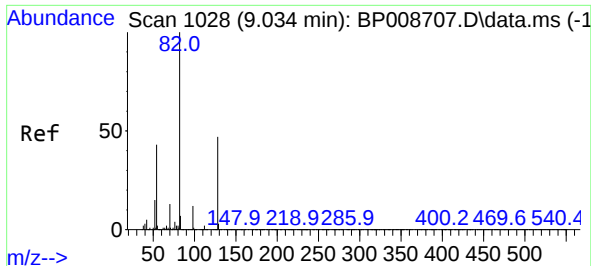


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38



Tgt Ion:136 Resp: 1563350
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.1 4.9 7.3
68 5.6 4.3 6.5





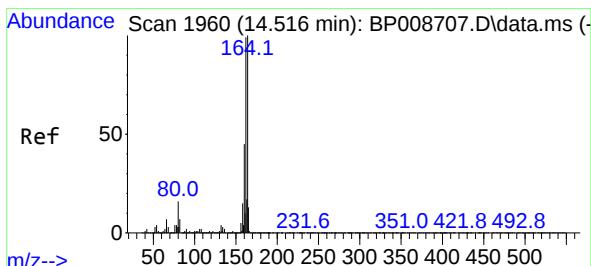
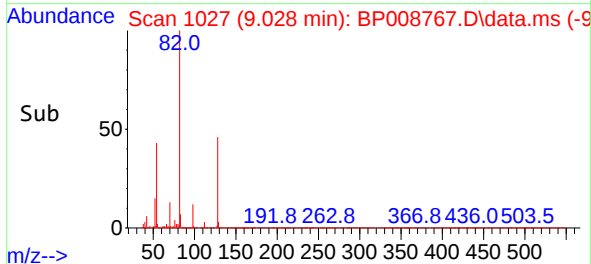
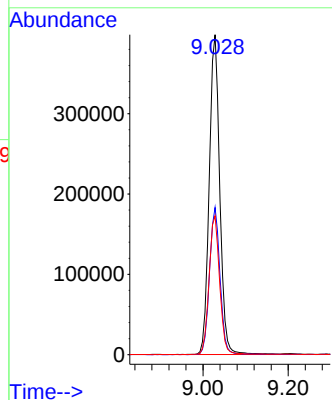
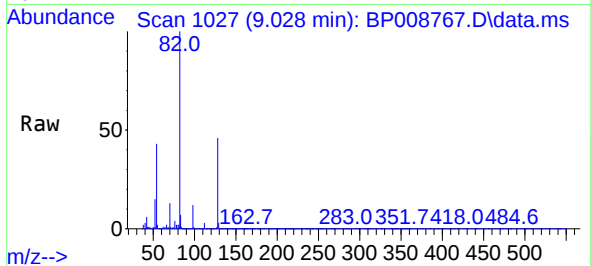
#23
Nitrobenzene-d5
Concen: 24.804 ng
RT: 9.028 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

Instrument :
BNA_P
ClientSampleId :
SB-01

Tgt Ion: 82 Resp: 684705
Ion Ratio Lower Upper
82 100
128 46.0 39.4 59.2
54 43.4 32.6 48.8

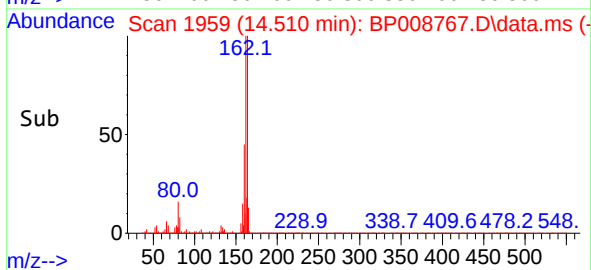
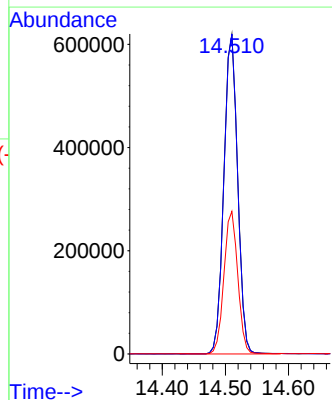
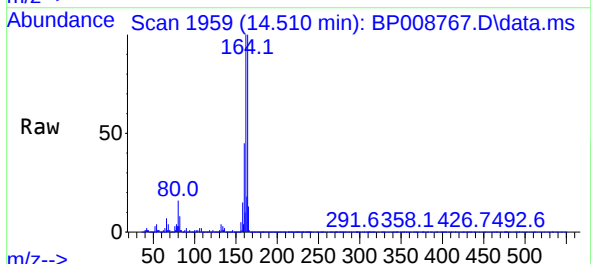
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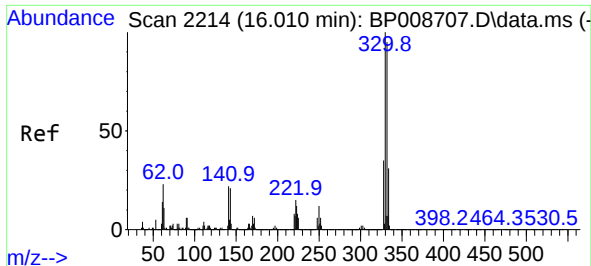
Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

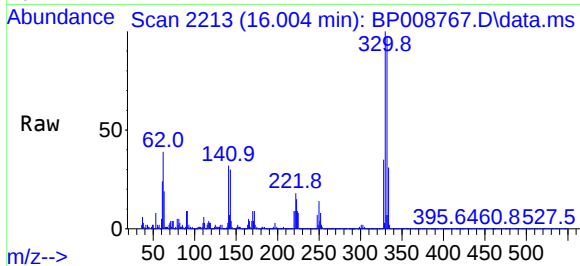
Tgt Ion:164 Resp: 937942
Ion Ratio Lower Upper
164 100
162 100.2 79.9 119.9
160 44.6 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 27.179 ng
RT: 16.004 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

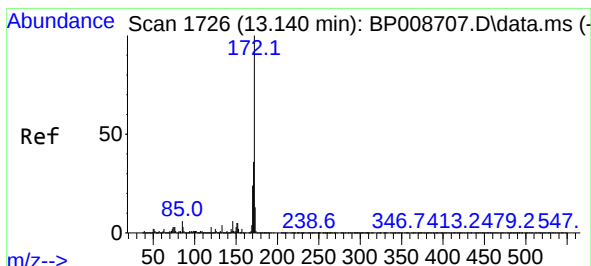
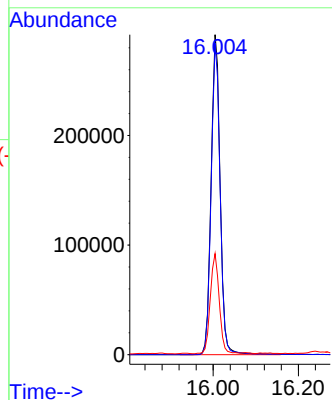
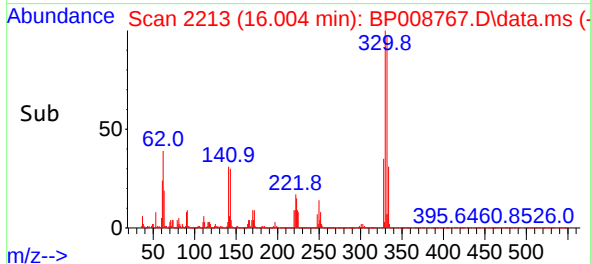
Instrument :
BNA_P
ClientSampleId :
SB-01



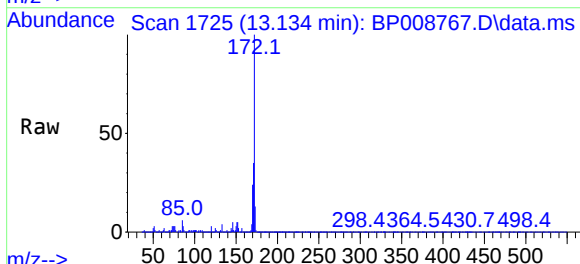
Tgt Ion:330 Resp: 43008
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 31.0 21.3 31.9

Manual Integrations
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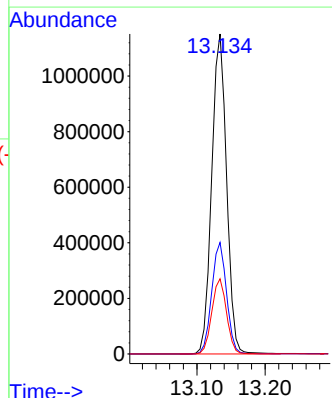
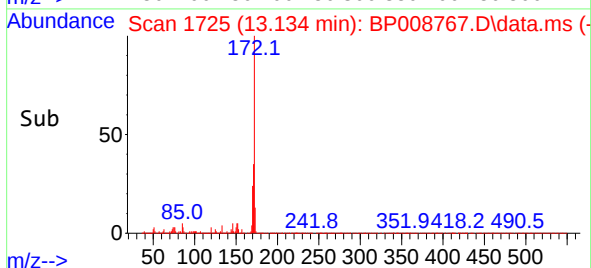
Reviewed By :Christian Giraldo 01/12/2022
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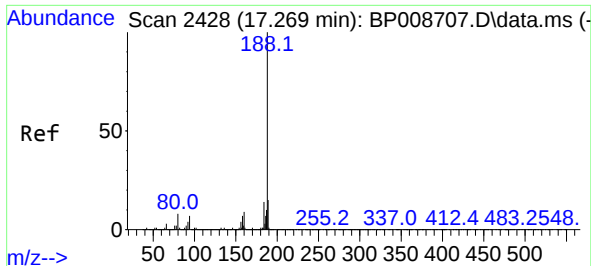


#45
2-Fluorobiphenyl
Concen: 26.206 ng
RT: 13.134 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38



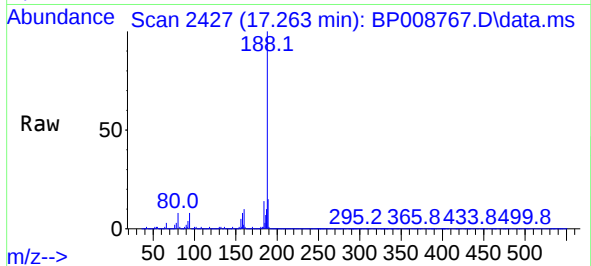
Tgt Ion:172 Resp: 1748308
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 23.5 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

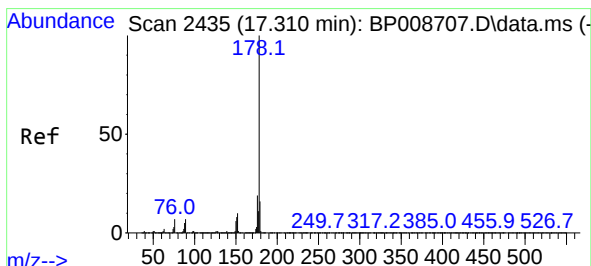
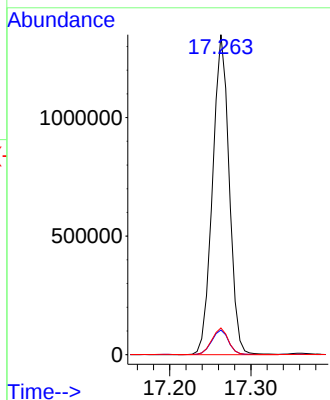
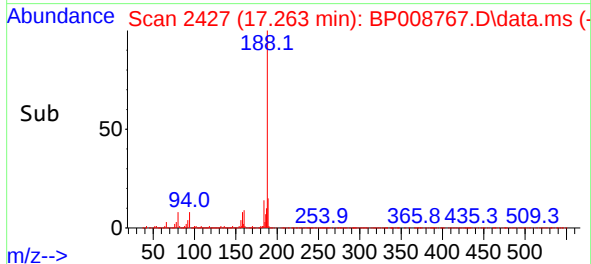
Instrument :
BNA_P
ClientSampleId :
SB-01



Tgt Ion:188 Resp: 1917794
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.4 7.2 10.8

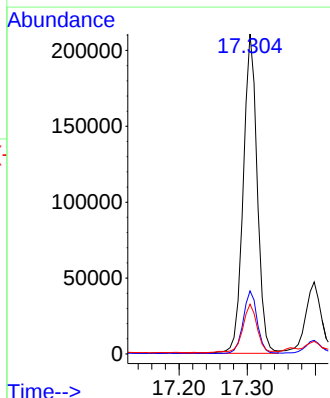
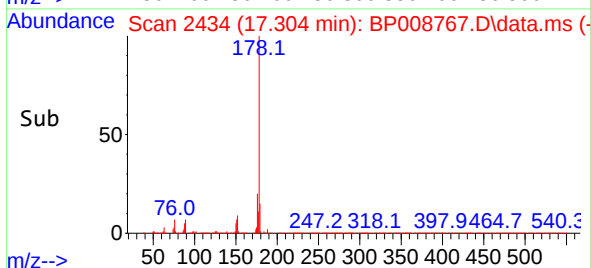
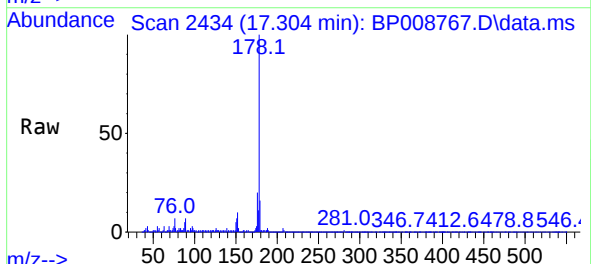
Manual Integrations
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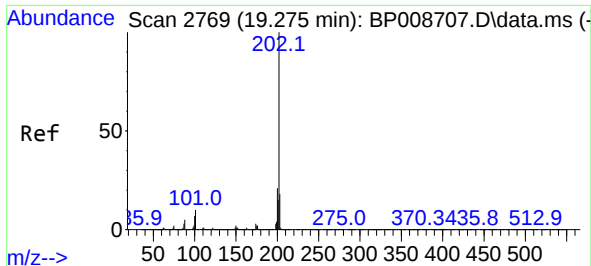
Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022



#71
Phenanthrene
Concen: 2.814 ng
RT: 17.304 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

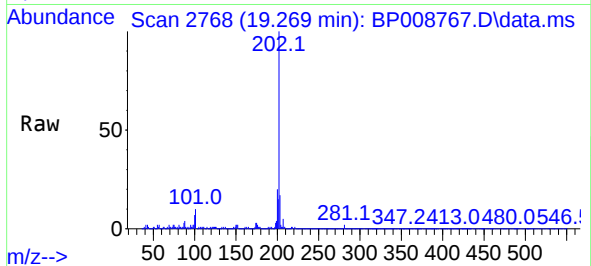
Tgt Ion:178 Resp: 299861
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.5 13.0 19.4





#75
Fluoranthene
Concen: 4.523 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

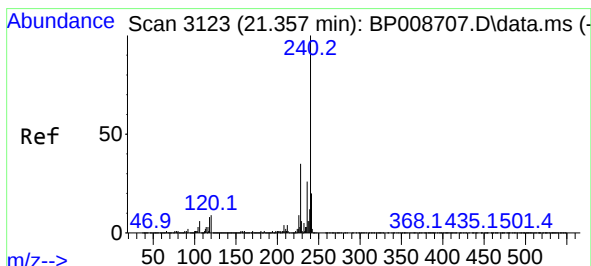
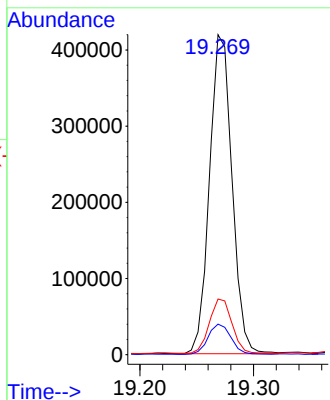
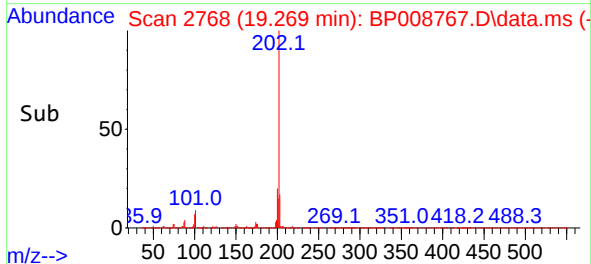
Instrument :
BNA_P
ClientSampleId :
SB-01



Tgt Ion:202 Resp: 57707
Ion Ratio Lower Upper
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101 9.5 0.0 30.7
203 17.4 0.0 38.9

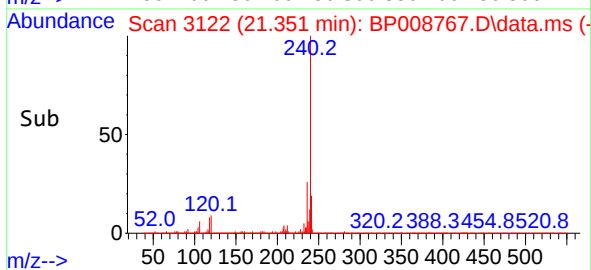
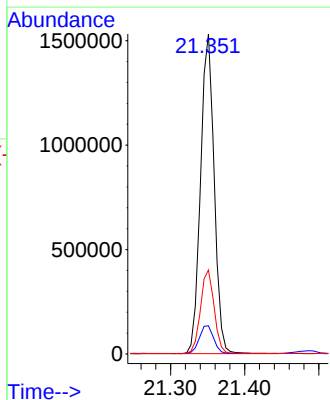
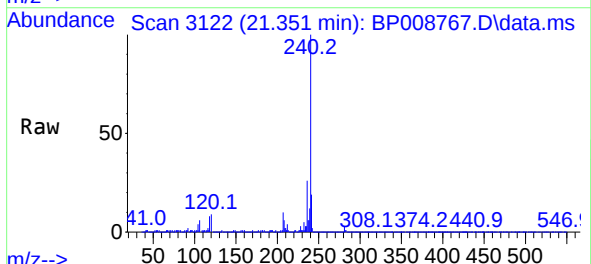
Manual Integrations
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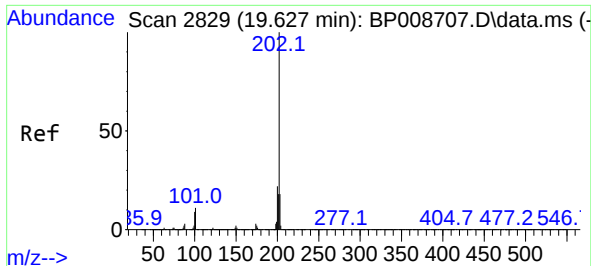
Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. 0.006 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

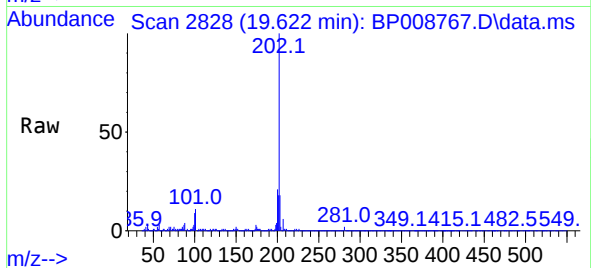
Tgt Ion:240 Resp: 1955497
Ion Ratio Lower Upper
240 100
120 8.8 7.7 11.5
236 26.3 21.2 31.8





#78
Pyrene
Concen: 5.275 ng
RT: 19.622 min Scan# 2829
Delta R.T. -0.000 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

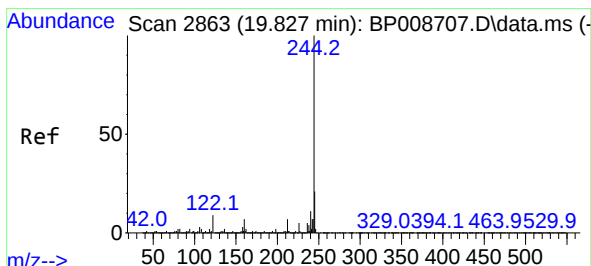
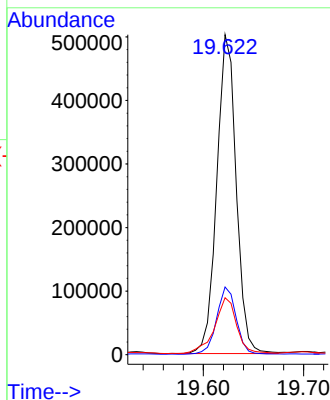
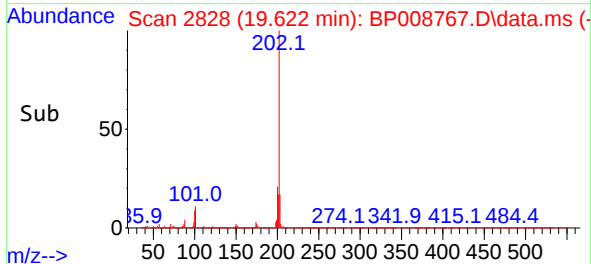
Instrument :
BNA_P
ClientSampleId :
SB-01



Tgt Ion:202 Resp: 674495
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 17.8 15.0 22.6

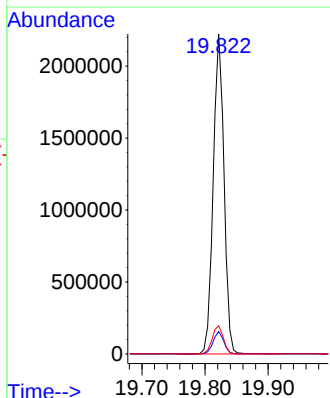
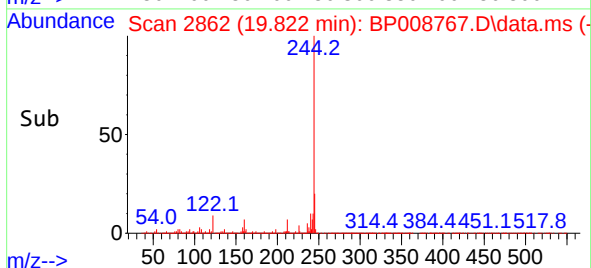
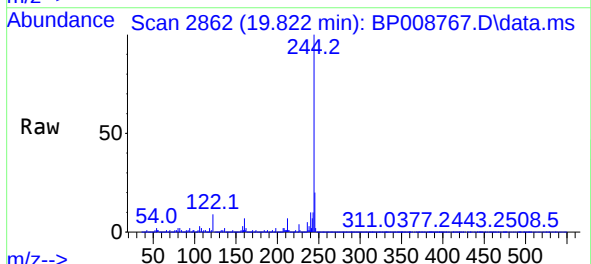
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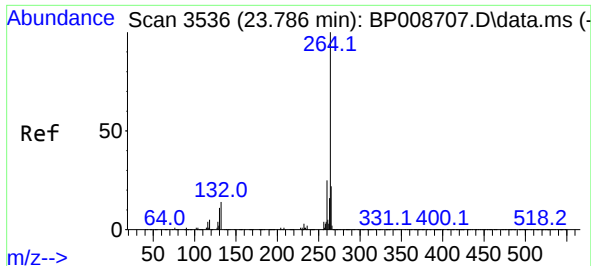
Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022



#79
Terphenyl-d14
Concen: 27.316 ng
RT: 19.822 min Scan# 2862
Delta R.T. 0.006 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

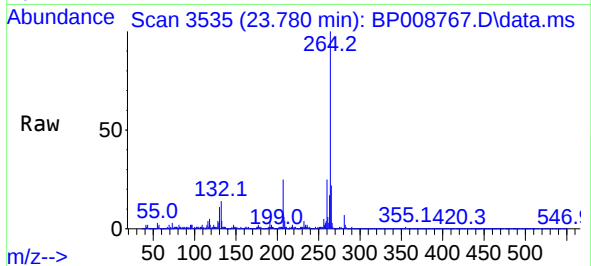
Tgt Ion:244 Resp: 2621230
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 8.8 9.2 13.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38

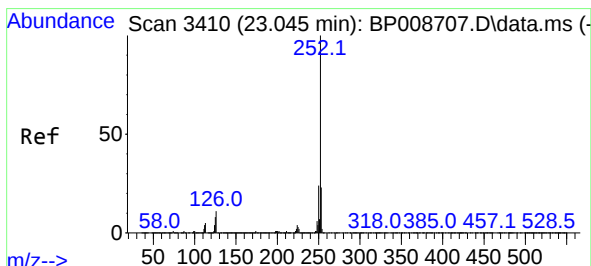
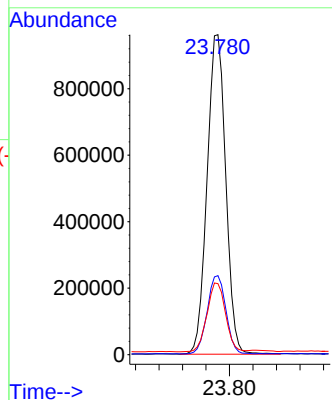
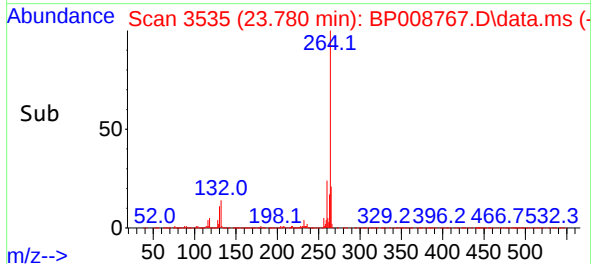
Instrument :
BNA_P
ClientSampleId :
SB-01



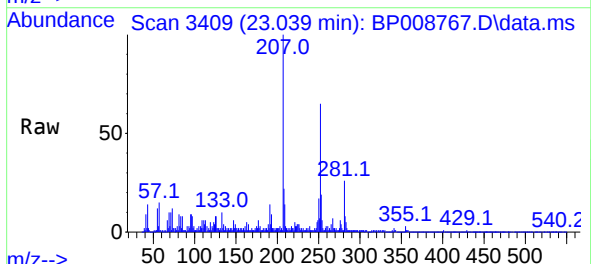
Tgt Ion:264 Resp: 211673
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 22.2 17.1 25.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022



#88
Benzo(b)fluoranthene
Concen: 2.613 ng m
RT: 23.039 min Scan# 3409
Delta R.T. 0.012 min
Lab File: BP008767.D
Acq: 11 Jan 2022 16:38



Tgt Ion:252 Resp: 361346
Ion Ratio Lower Upper
252 100
253 29.7 18.0 27.0#
125 12.3 6.9 10.3#

