

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
 Data File : BP008676.D
 Acq On : 04 Jan 2022 23:14
 Operator : CG/JU
 Sample : N1004-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-R2-IEC

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/05/2022
 Supervised By :Jagrut Upadhyay 01/05/2022

Quant Time: Jan 05 04:28:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	632952	20.000	ng	-0.01
21) Naphthalene-d8	10.693	136	2524449	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	1639291	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	3437380	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2929675	20.000	ng	-0.01
86) Perylene-d12	23.774	264	2910691	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3052646	88.030	ng	0.00
7) Phenol-d6	7.063	99	3849710	79.758	ng	0.00
23) Nitrobenzene-d5	9.046	82	2369240	55.831	ng	-0.01
42) 2,4,6-Tribromophenol	16.016	330	2104227	94.875	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	6245776	55.201	ng	0.00
79) Terphenyl-d14	19.827	244	9162440	63.856	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.351	142	314180	3.186	ng	97
71) Phenanthrene	17.316	178	664917	3.588	ng	# 96
75) Fluoranthene	19.275	202	838761	3.935	ng	99
78) Pyrene	19.628	202	812251	4.262	ng	97
81) Benzo(a)anthracene	21.333	228	381881	2.009	ng	97
83) Chrysene	21.386	228	386297m	2.174	ng	
88) Benzo(b)fluoranthene	23.039	252	480440	2.567	ng	# 73
90) Benzo(a)pyrene	23.668	252	350237	2.321	ng	# 71

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

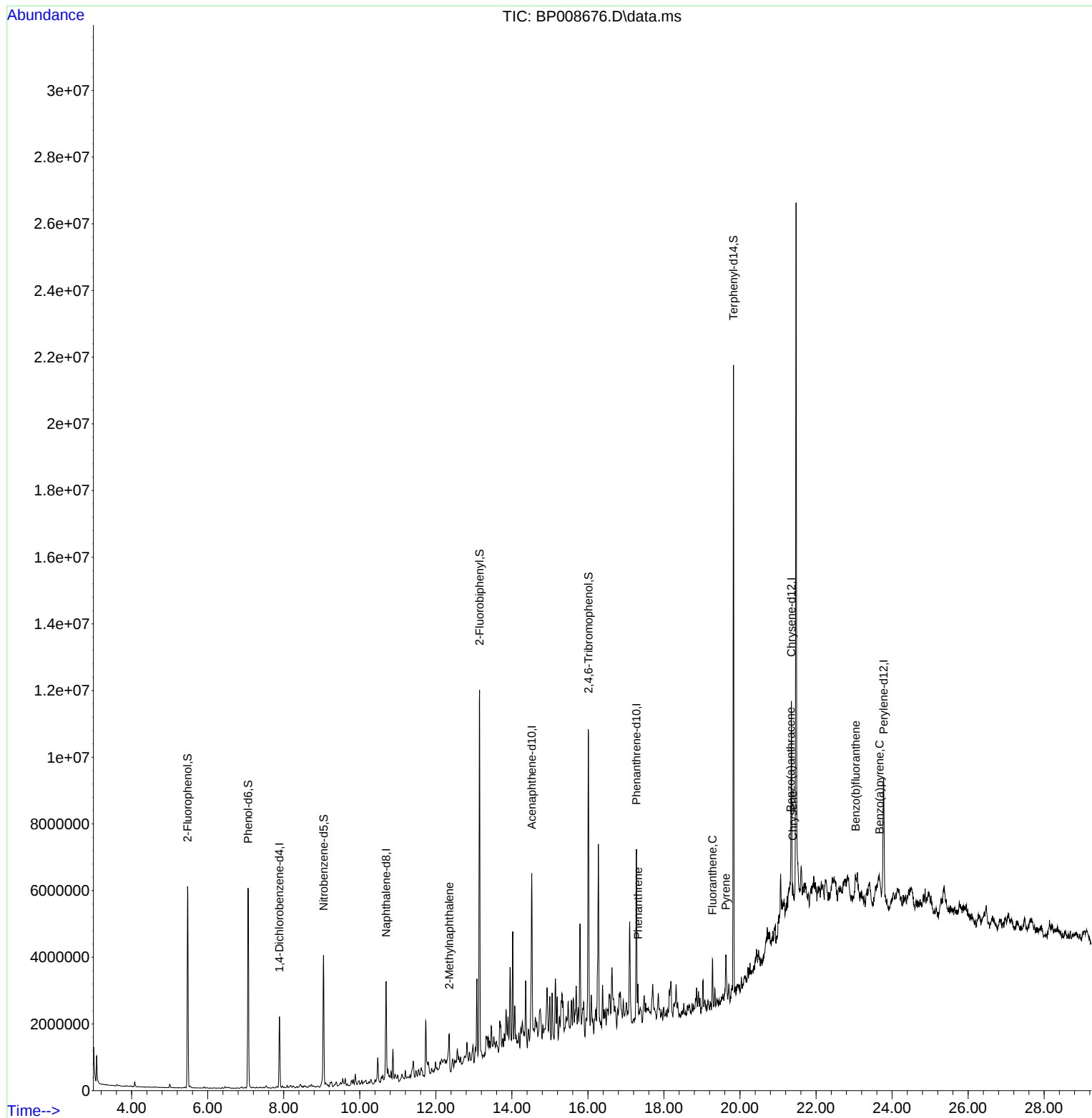
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008676.D
Acq On : 04 Jan 2022 23:14
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ALS Vial : 15 Sample Multiplier: 1

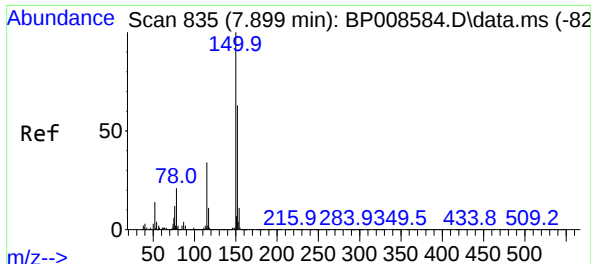
Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC

Quant Time: Jan 05 04:28:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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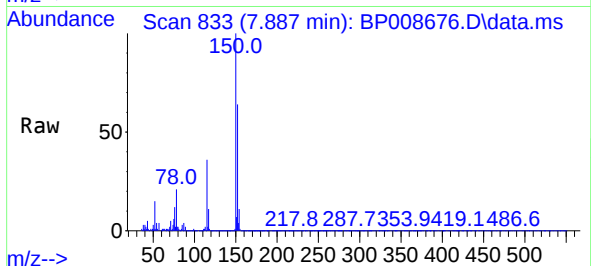
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14

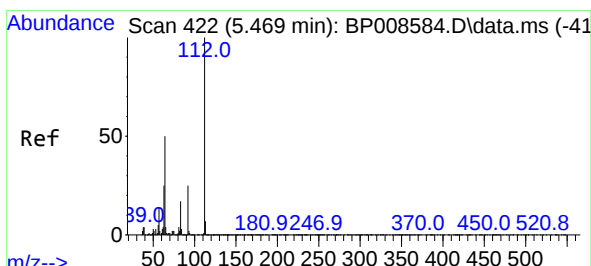
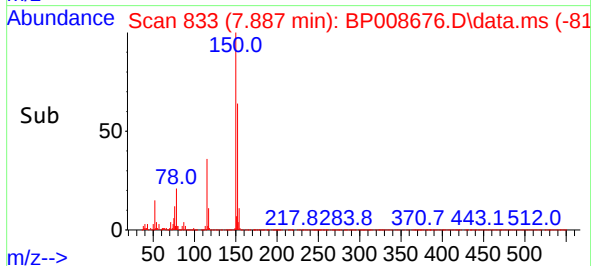
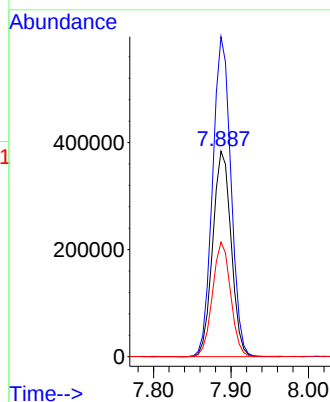
Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC



Tgt Ion:152 Resp: 632952
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 55.8 43.7 65.5

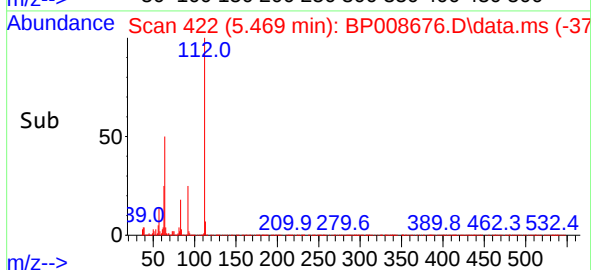
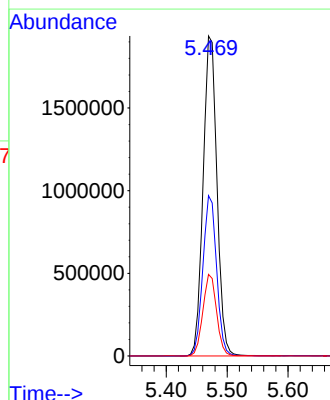
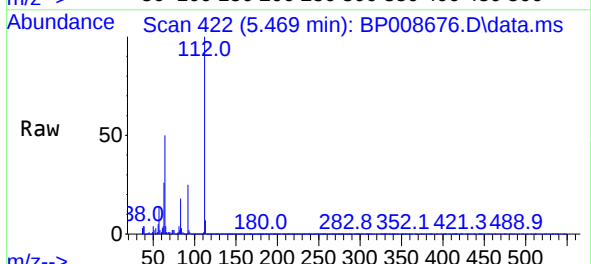
Manual Integrations
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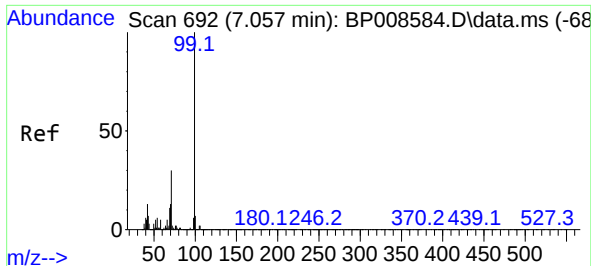
Reviewed By :Christian Giraldo 01/05/2022
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#5
2-Fluorophenol
Concen: 88.030 ng
RT: 5.469 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14

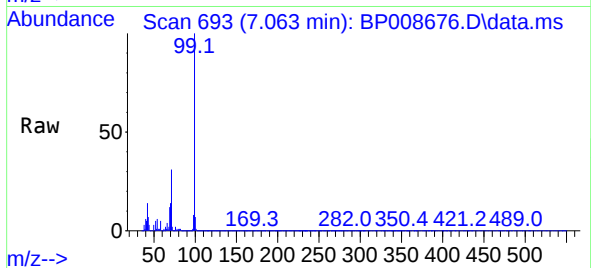
Tgt Ion:112 Resp: 3052646
Ion Ratio Lower Upper
112 100
64 50.1 39.7 59.5
63 25.5 20.0 30.0





#7
Phenol-d6
Concen: 79.758 ng
RT: 7.063 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14

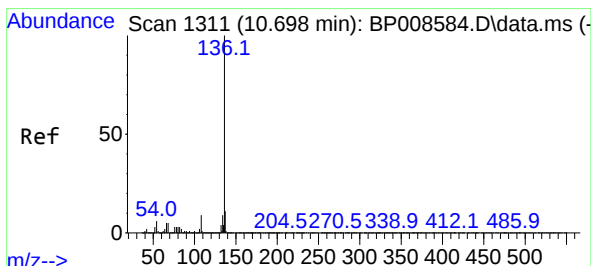
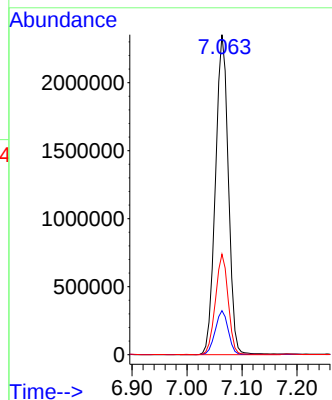
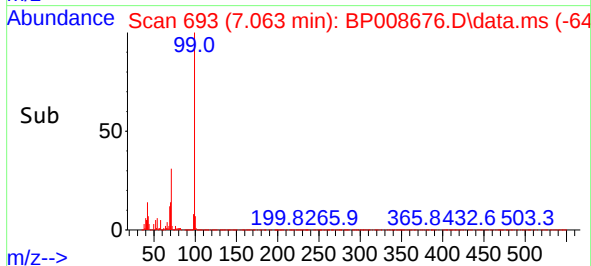
Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC



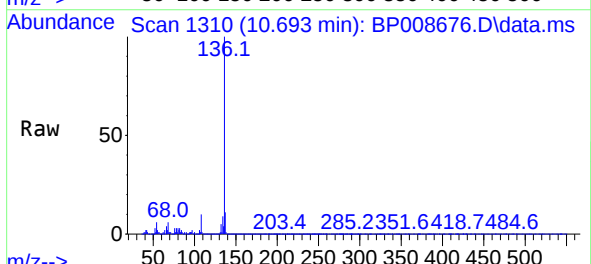
Tgt Ion: 99 Resp: 3849710
Ion Ratio Lower Upper
99 100
42 13.8 10.8 16.2
71 31.4 23.8 35.6

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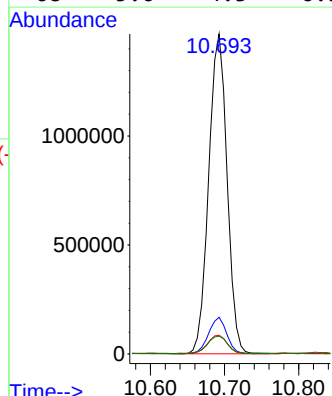
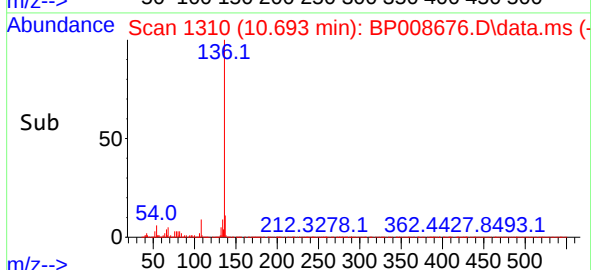
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

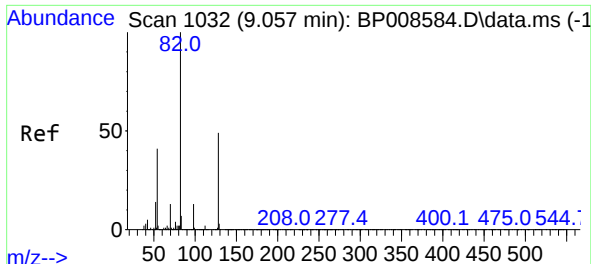


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14



Tgt Ion:136 Resp: 2524449
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 5.9 4.9 7.3
68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 55.831 ng

RT: 9.046 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BP008676.D

Acq: 04 Jan 2022 23:14

Instrument :

BNA_P

ClientSampleId :

RO-R2-IEC

Tgt Ion: 82 Resp: 2369240

Ion Ratio Lower Upper

82 100

128 49.2 39.4 59.2

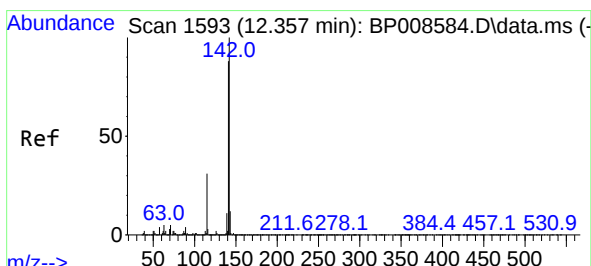
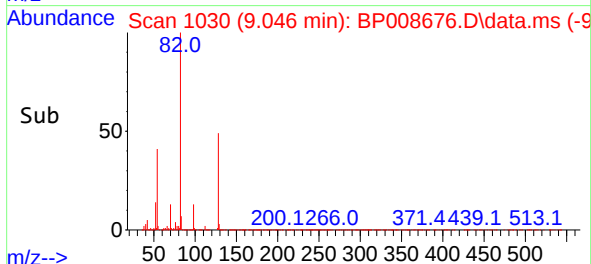
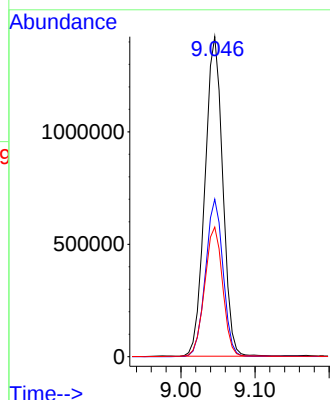
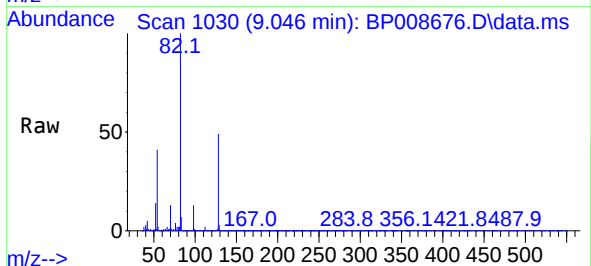
54 40.5 32.6 48.8

Manual Integrations

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#37

2-Methylnaphthalene

Concen: 3.186 ng

RT: 12.351 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BP008676.D

Acq: 04 Jan 2022 23:14

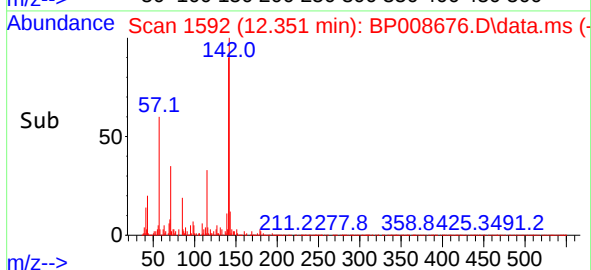
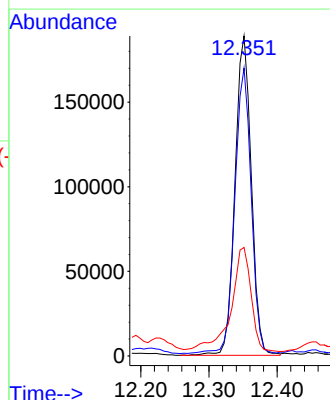
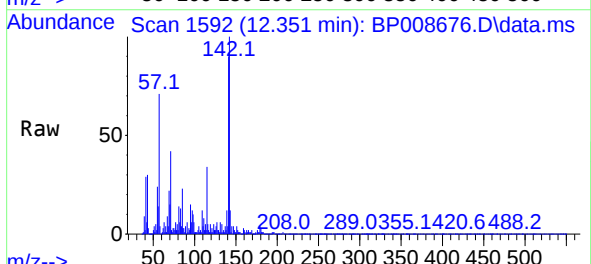
Tgt Ion:142 Resp: 314180

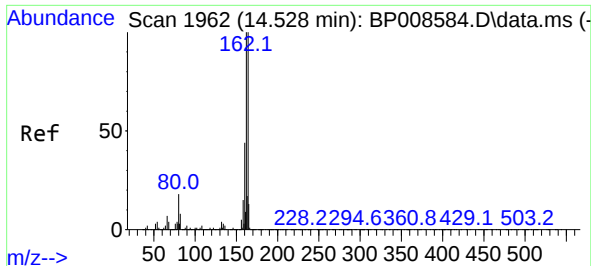
Ion Ratio Lower Upper

142 100

141 89.9 70.5 105.7

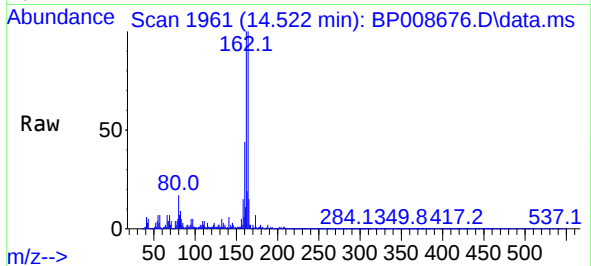
115 33.9 24.6 36.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14

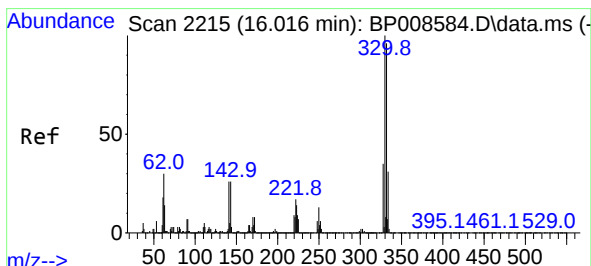
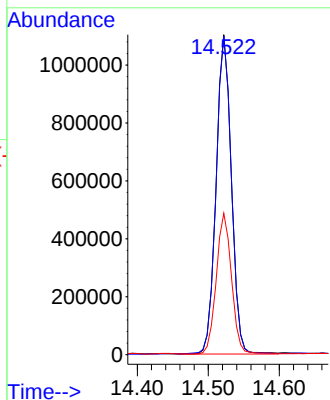
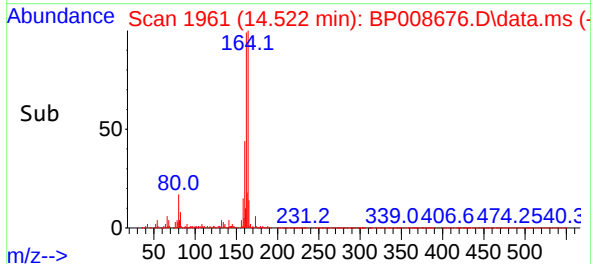
Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC



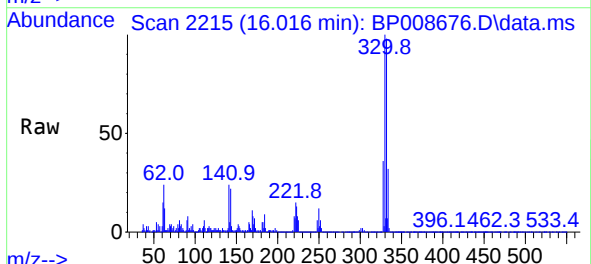
Tgt Ion:164 Resp: 163929
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 44.2 35.5 53.3

Manual Integrations
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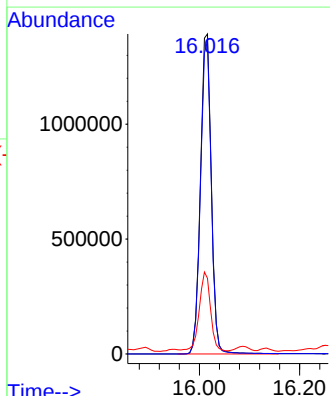
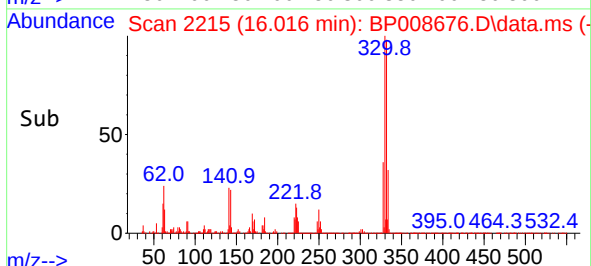
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

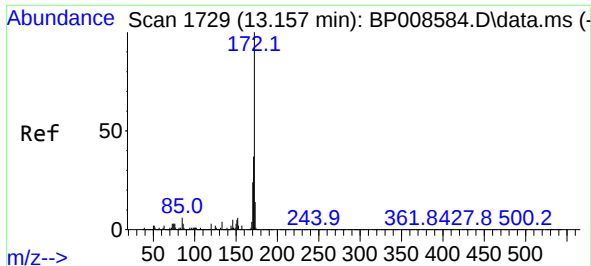


#42
2,4,6-Tribromophenol
Concen: 94.875 ng
RT: 16.016 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14



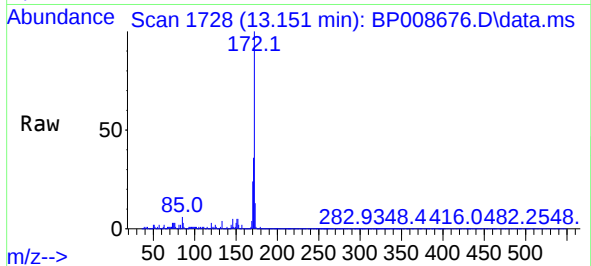
Tgt Ion:330 Resp: 2104227
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 25.8 21.3 31.9





#45
2-Fluorobiphenyl
Concen: 55.201 ng
RT: 13.151 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14

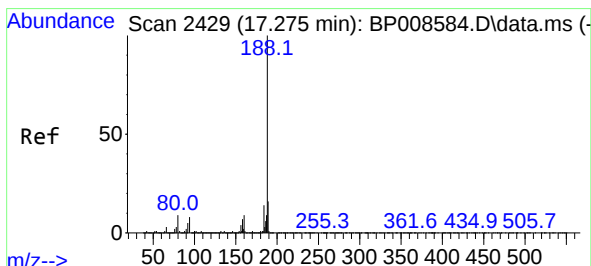
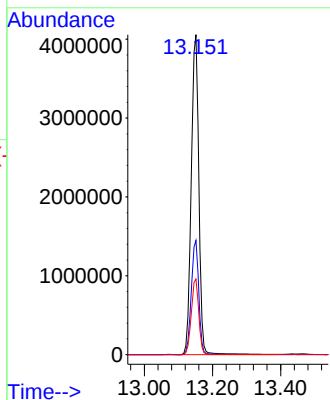
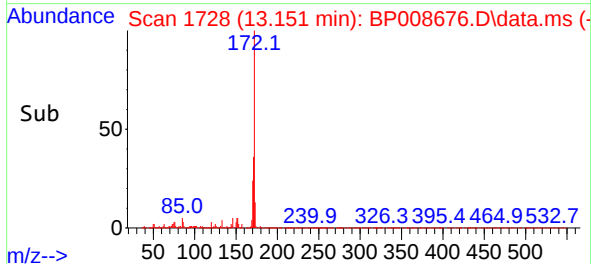
Instrument :
BNA_P
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RO-R2-IEC



Tgt Ion:172 Resp: 6245770
Ion Ratio Lower Upper
172 100
171 35.7 29.3 43.9
170 23.7 19.5 29.3

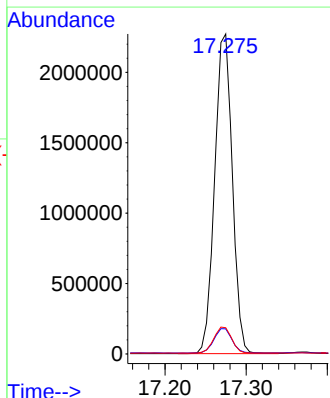
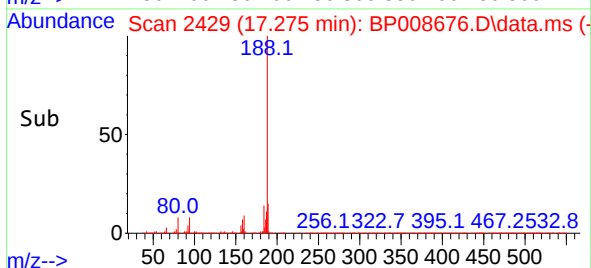
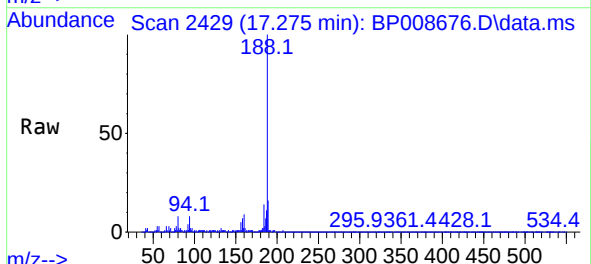
Manual Integrations
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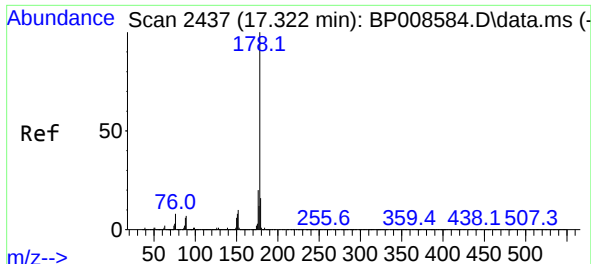
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14

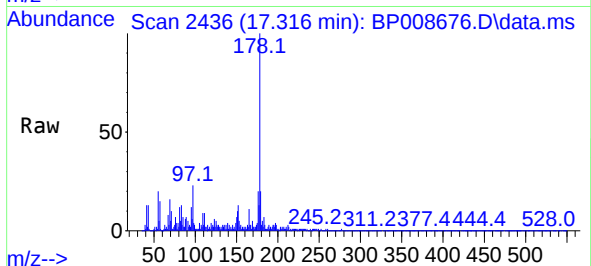
Tgt Ion:188 Resp: 3437380
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.2 7.2 10.8





#71
Phenanthrene
Concen: 3.588 ng
RT: 17.316 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14

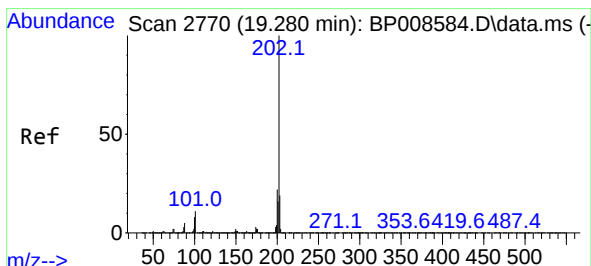
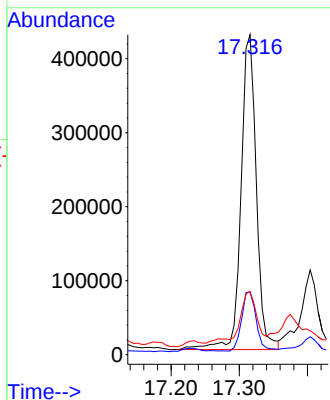
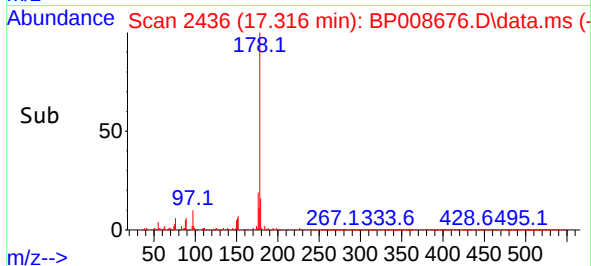
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ClientSampleId :
RO-R2-IEC



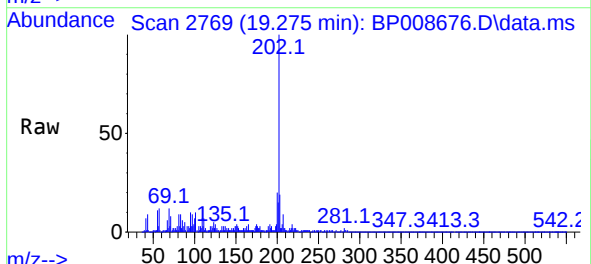
Tgt Ion:178 Resp: 66491
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 19.8 13.0 19.4

Manual Integrations
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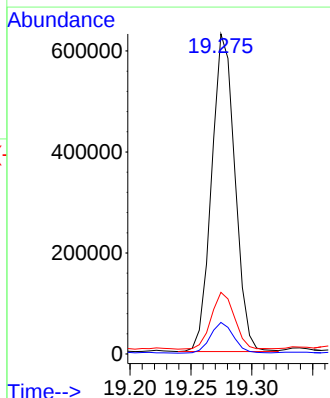
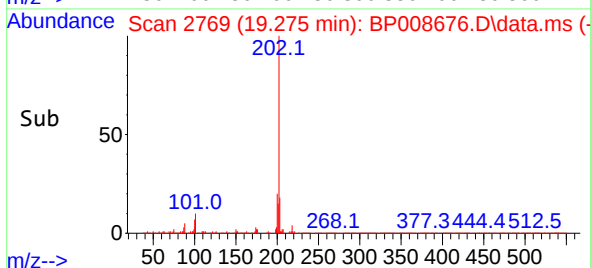
Reviewed By :Christian Giraldo 01/05/2022
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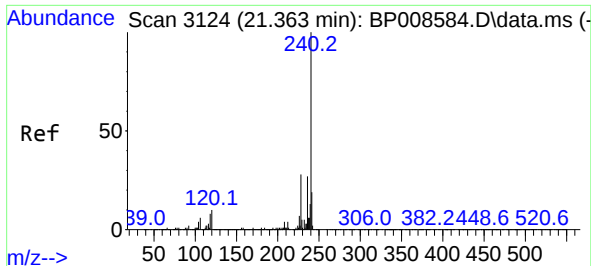


#75
Fluoranthene
Concen: 3.935 ng
RT: 19.275 min Scan# 2769
Delta R.T. -0.005 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14



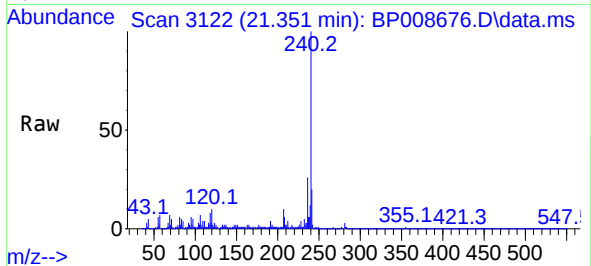
Tgt Ion:202 Resp: 838761
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 19.3 0.0 38.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14

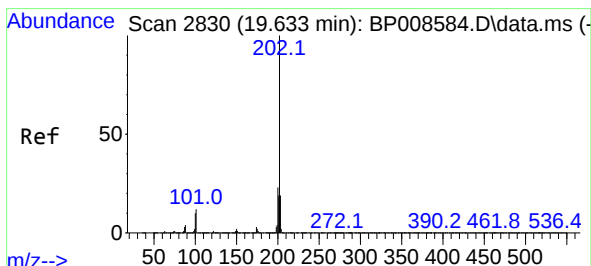
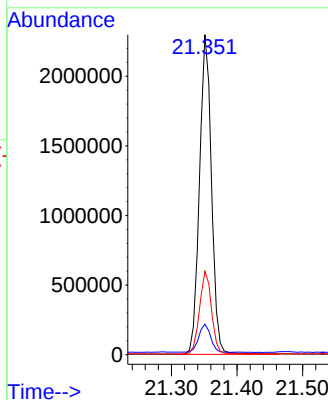
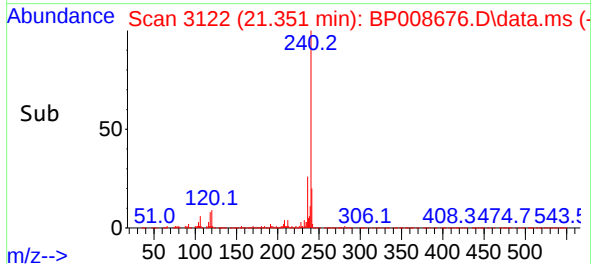
Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC



Tgt Ion:240 Resp: 292967
Ion Ratio Lower Upper
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120 9.5 7.7 11.5
236 26.0 21.2 31.8

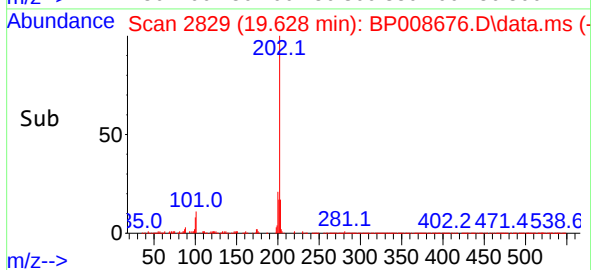
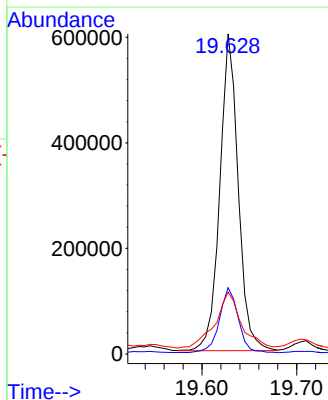
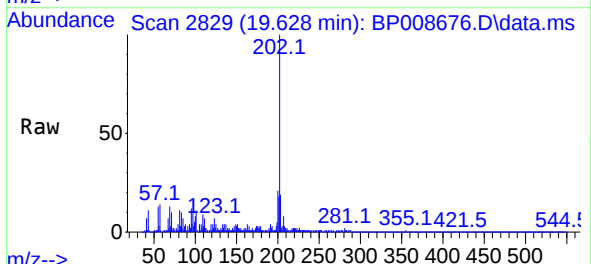
Manual Integrations
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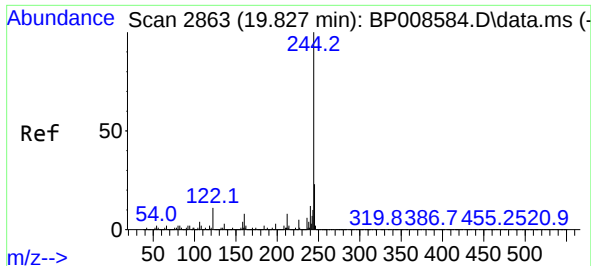
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#78
Pyrene
Concen: 4.262 ng
RT: 19.628 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14

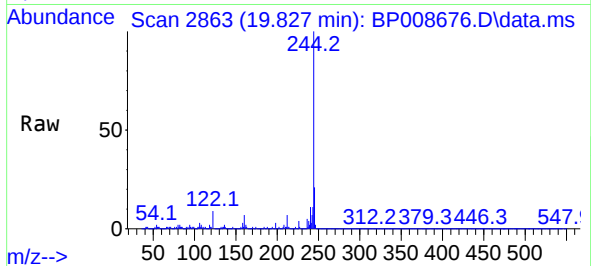
Tgt Ion:202 Resp: 812251
Ion Ratio Lower Upper
202 100
200 20.7 18.0 27.0
203 19.3 15.0 22.6





#79
 Terphenyl-d14
 Concen: 63.856 ng
 RT: 19.827 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: BP008676.D
 Acq: 04 Jan 2022 23:14

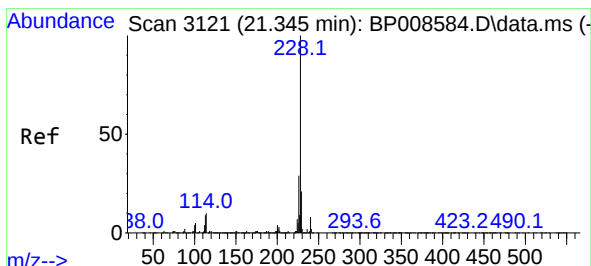
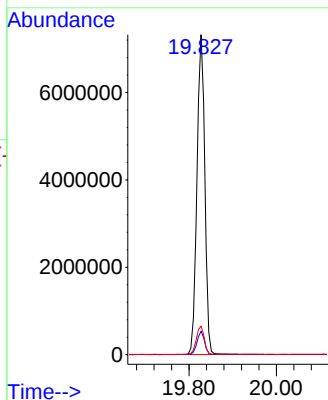
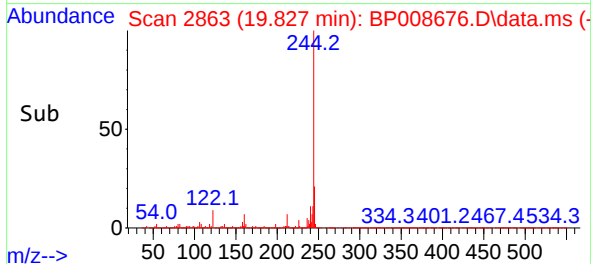
Instrument :
 BNA_P
 ClientSampleId :
 RO-R2-IEC



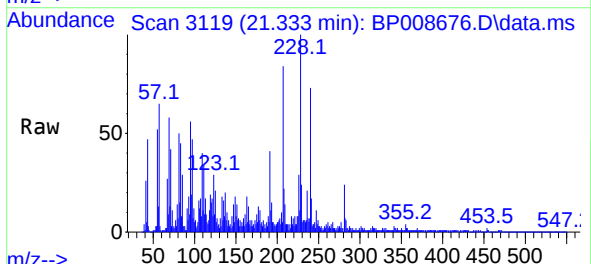
Tgt Ion:244 Resp: 9162440
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 8.9 9.2 13.8

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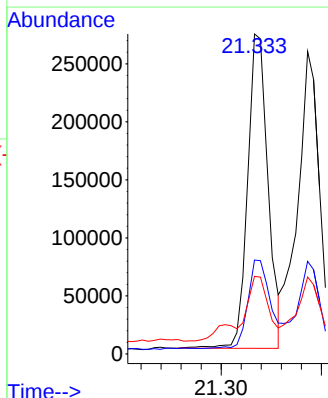
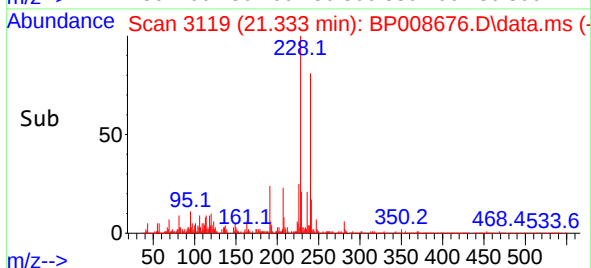
Reviewed By :Christian Giraldo 01/05/2022
 Supervised By :Jagrut Upadhyay 01/05/2022

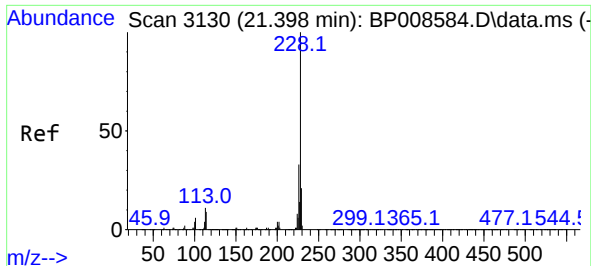


#81
 Benzo(a)anthracene
 Concen: 2.009 ng
 RT: 21.333 min Scan# 3119
 Delta R.T. -0.012 min
 Lab File: BP008676.D
 Acq: 04 Jan 2022 23:14



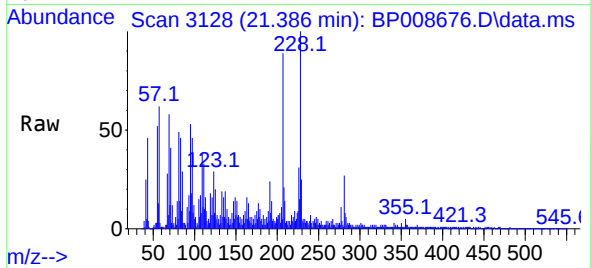
Tgt Ion:228 Resp: 381881
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.3 34.9
 229 24.3 17.0 25.6





#83
Chrysene
Concen: 2.174 ng m
RT: 21.386 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14

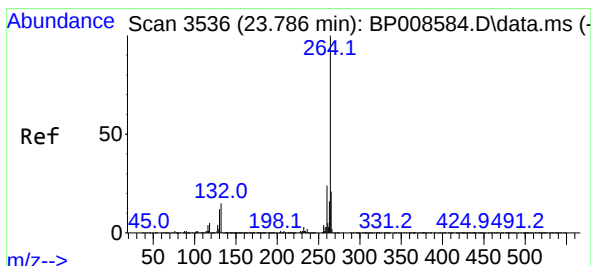
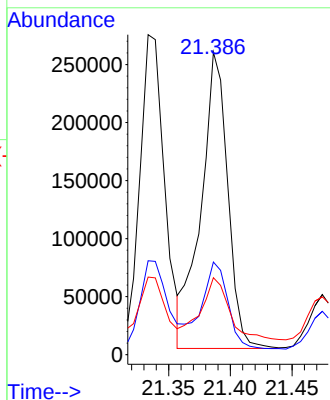
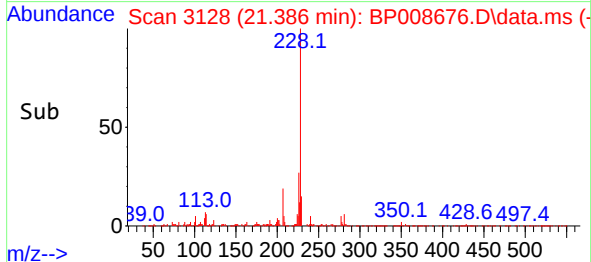
Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC



Tgt Ion:228 Resp: 38629
Ion Ratio Lower Upper
228 100
226 30.6 26.0 39.0
229 25.4 16.9 25.3

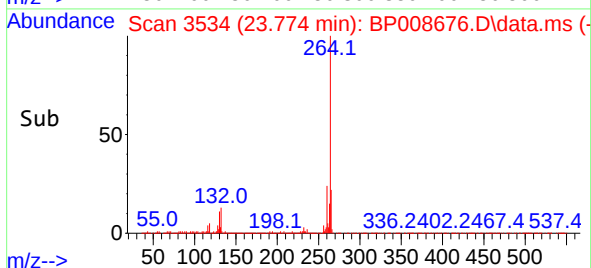
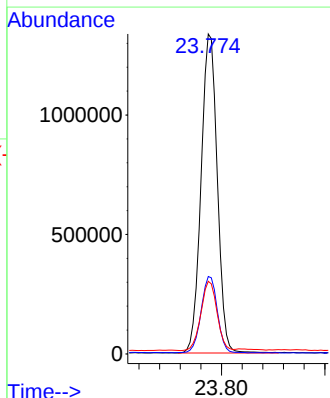
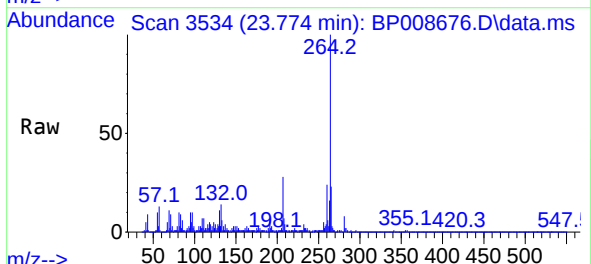
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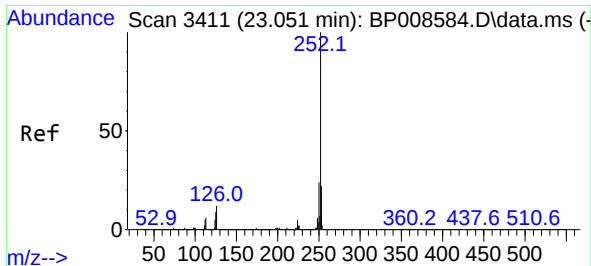
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3534
Delta R.T. -0.012 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14

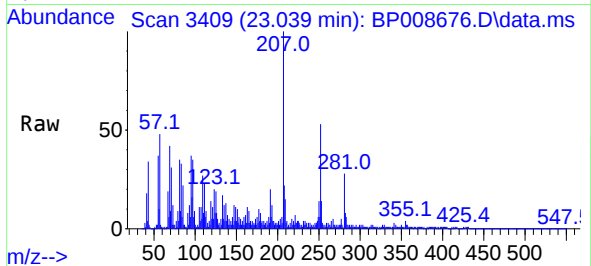
Tgt Ion:264 Resp: 2910691
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 22.7 17.1 25.7





#88
Benzo(b)fluoranthene
Concen: 2.567 ng
RT: 23.039 min Scan# 3411
Delta R.T. -0.012 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14

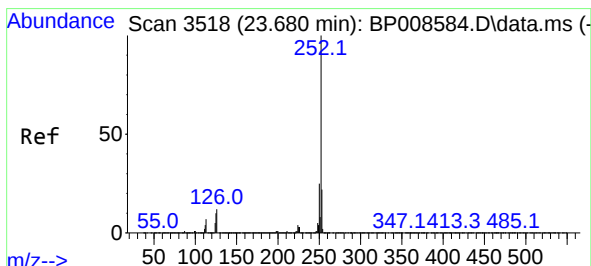
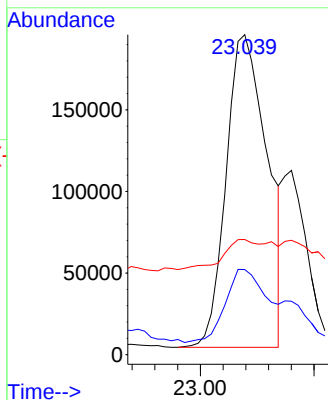
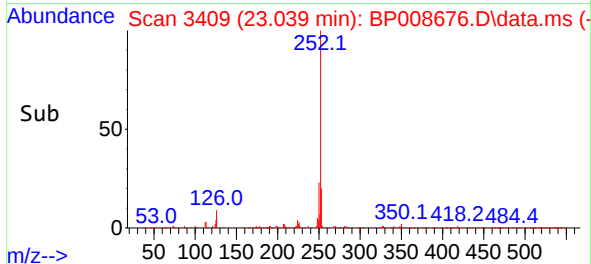
Instrument :
BNA_P
ClientSampleId :
RO-R2-IEC



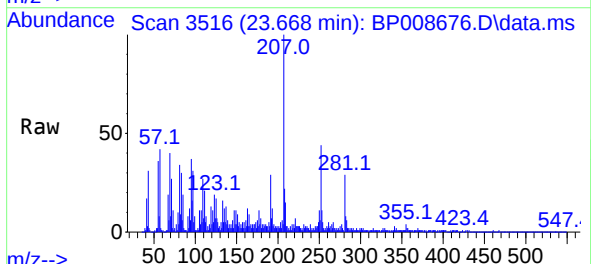
Tgt Ion:252 Resp: 480440
Ion Ratio Lower Upper
252 100
253 26.6 18.0 27.0
125 36.0 6.9 10.3

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#90
Benzo(a)pyrene
Concen: 2.321 ng
RT: 23.668 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BP008676.D
Acq: 04 Jan 2022 23:14



Tgt Ion:252 Resp: 350237
Ion Ratio Lower Upper
252 100
253 25.8 17.8 26.8
125 38.2 7.8 11.6

