

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
 Data File : BP020626.D
 Acq On : 14 Jun 2024 15:21
 Operator : MA/JU
 Sample : P2878-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 348

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 14 16:00:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	261953	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	990856	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	511534	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	409341m	20.000	ng	0.06
76) Chrysene-d12	21.733	240	1070615	20.000	ng	# 0.06
86) Perylene-d12	25.063	264	1455965	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1084954	74.157	ng	0.00
7) Phenol-d6	6.928	99	1374678	66.626	ng	0.00
23) Nitrobenzene-d5	8.893	82	900469	49.747	ng	-0.03
42) 2,4,6-Tribromophenol	15.934	330	446499	84.107	ng	0.02
45) 2-Fluorobiphenyl	12.993	172	2116447	61.678	ng	-0.01
79) Terphenyl-d14	20.022	244	1013902	15.765	ng	0.08
Target Compounds						Qvalue
31) Naphthalene	10.569	128	358465	7.077	ng	100
37) 2-Methylnaphthalene	12.169	142	126814	3.494	ng	97
38) 1-Methylnaphthalene	12.398	142	189770	5.274	ng	100
49) Acenaphthylene	14.104	152	1305146	30.648	ng	# 88
52) Acenaphthene	14.457	154	60634	2.257	ng	# 48
58) Fluorene	15.469	166	366604	10.732	ng	# 47
75) Fluoranthene	19.451	202	246691m	10.363	ng	
78) Pyrene	19.827	202	420546	5.222	ng	# 57
81) Benzo(a)anthracene	21.716	228	394476	5.596	ng	# 55
83) Chrysene	21.780	228	334000	5.028	ng	# 82
87) Indeno(1,2,3-cd)pyrene	28.845	276	327333	3.697	ng	# 90
88) Benzo(b)fluoranthene	24.021	252	507144	5.591	ng	# 79
90) Benzo(a)pyrene	24.915	252	551944	7.348	ng	# 94
92) Benzo(g,h,i)perylene	30.021	276	371288	5.030	ng	95

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

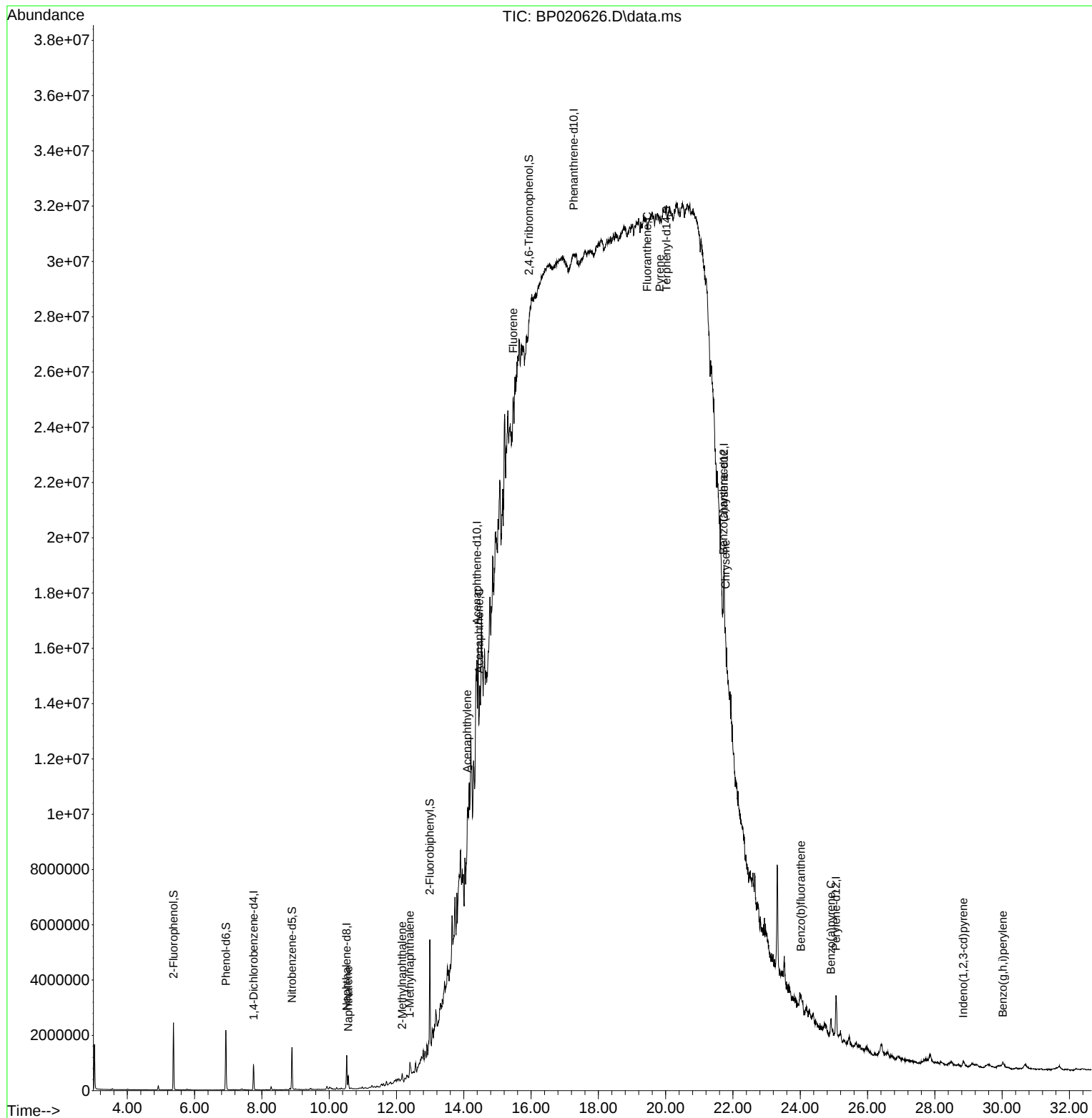
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
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ALS Vial : 5 Sample Multiplier: 1

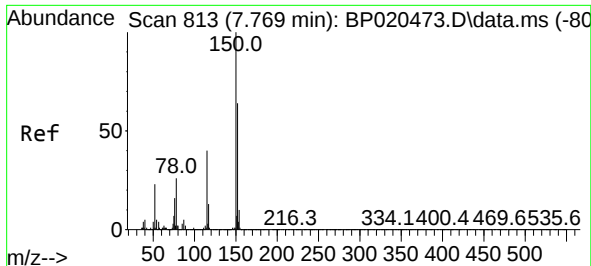
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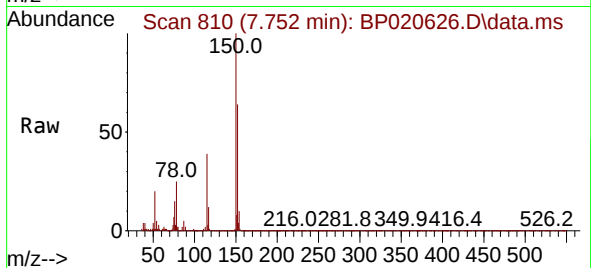
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 813
Delta R.T. -0.017 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

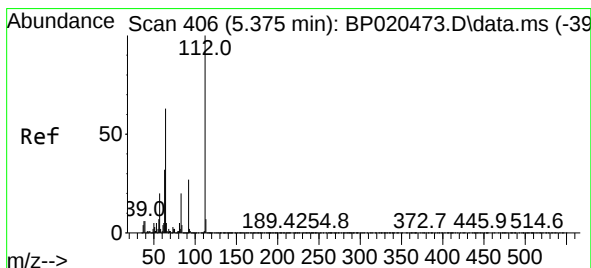
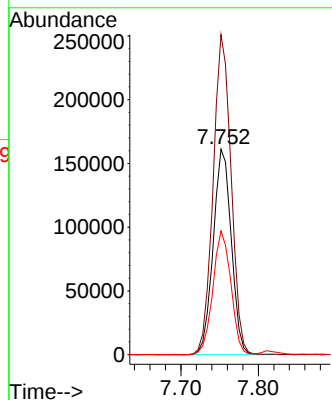
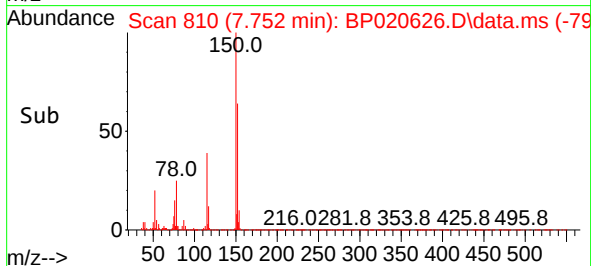
Instrument :
BNA_P
ClientSampleId :
348



Tgt Ion:152 Resp: 26195
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 60.2 49.5 74.3

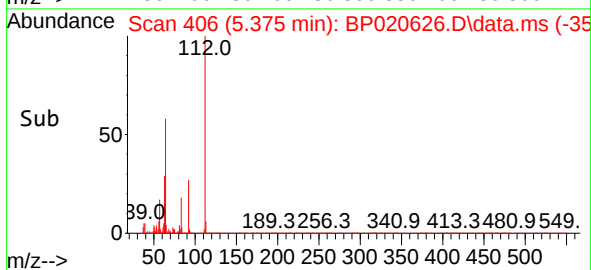
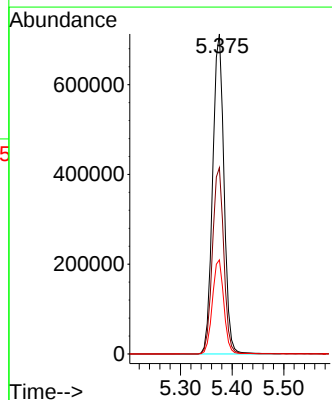
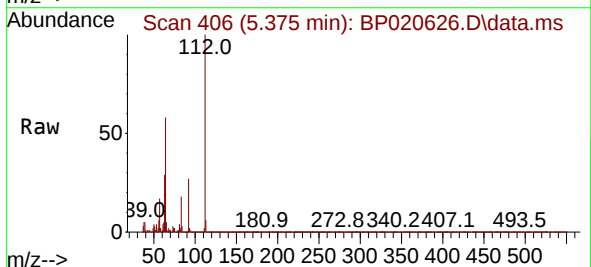
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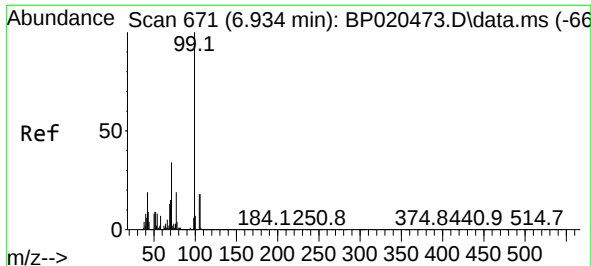
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#5
2-Fluorophenol
Concen: 74.157 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

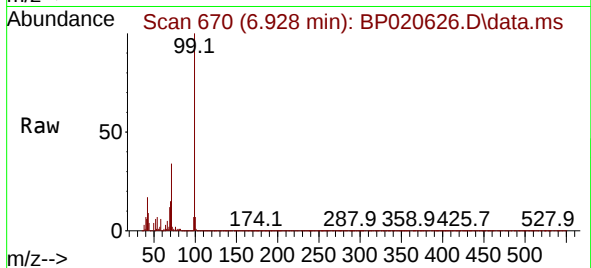
Tgt Ion:112 Resp: 1084954
Ion Ratio Lower Upper
112 100
64 58.2 50.1 75.1
63 29.4 25.7 38.5





#7
Phenol-d6
Concen: 66.626 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

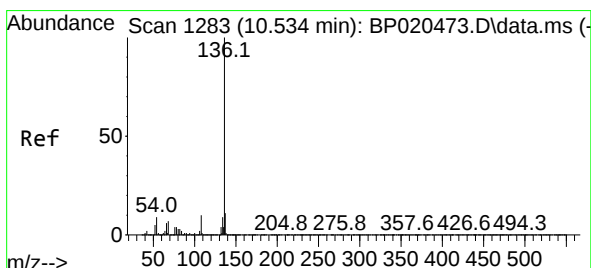
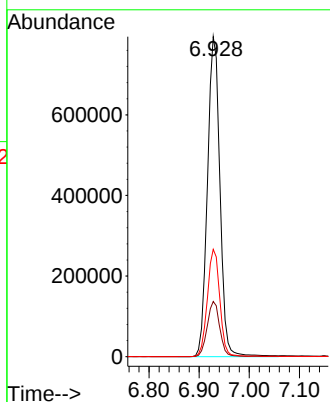
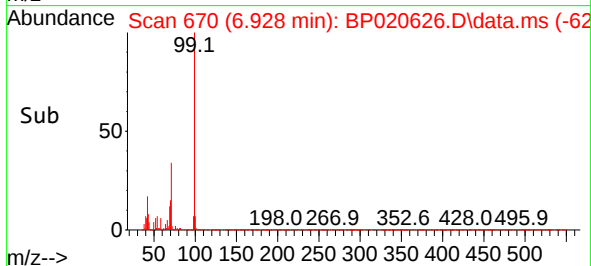
Instrument :
BNA_P
ClientSampleId :
348



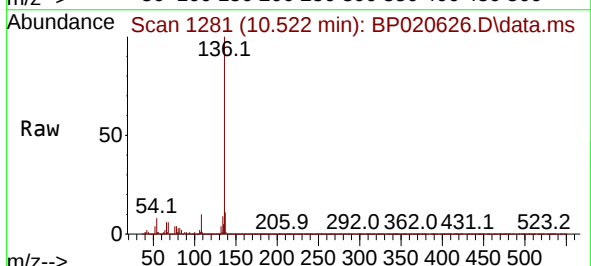
Tgt Ion: 99 Resp: 1374678
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.4
71 33.5 27.3 40.9

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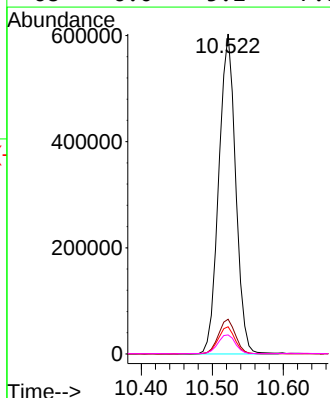
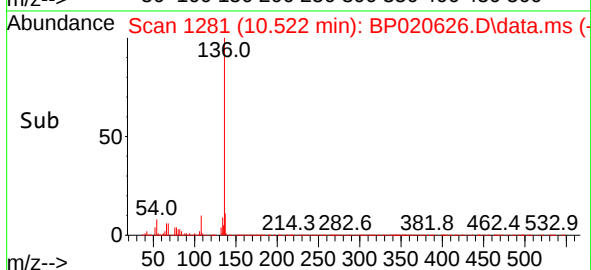
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Supervised By :mohammad ahmed 06/18/2024

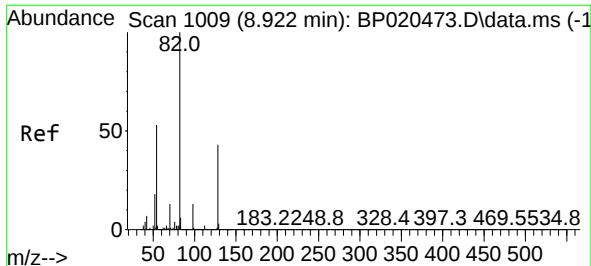


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21



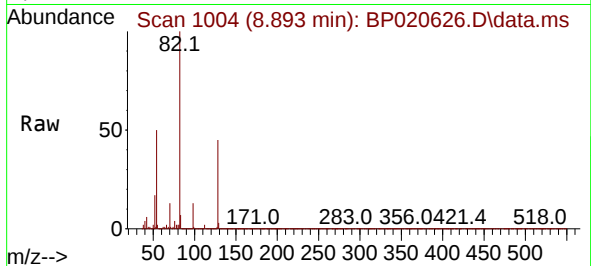
Tgt Ion:136 Resp: 990856
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.5 7.4 11.0
68 6.0 5.2 7.8





#23
Nitrobenzene-d5
Concen: 49.747 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.029 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

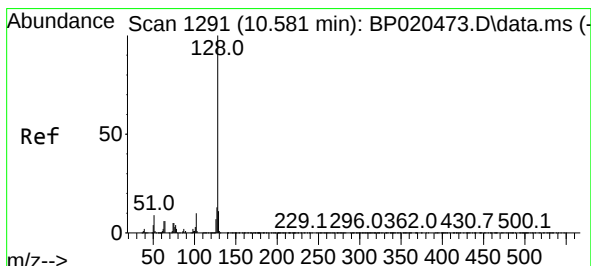
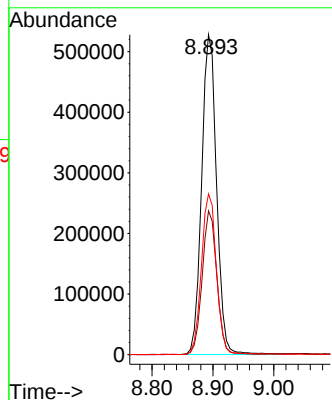
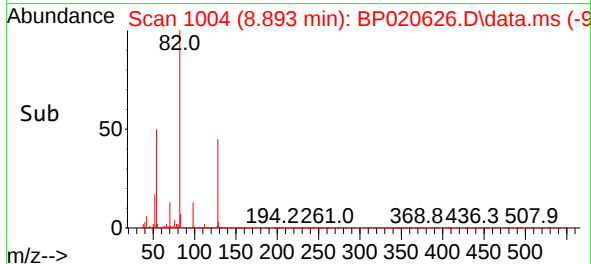
Instrument :
BNA_P
ClientSampleId :
348



Tgt Ion: 82 Resp: 900465
Ion Ratio Lower Upper
82 100
128 45.0 34.2 51.4
54 50.3 42.7 64.1

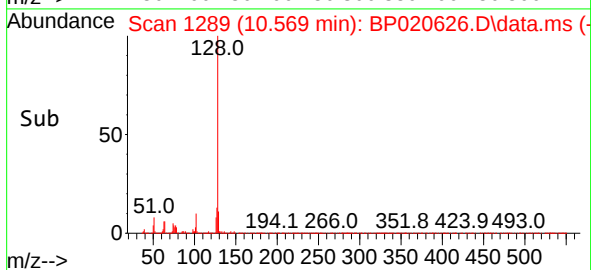
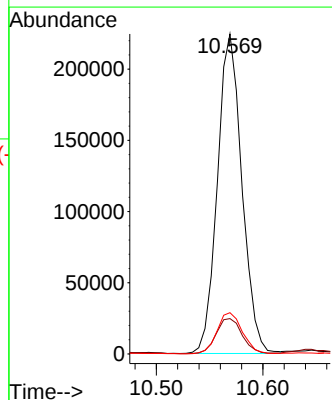
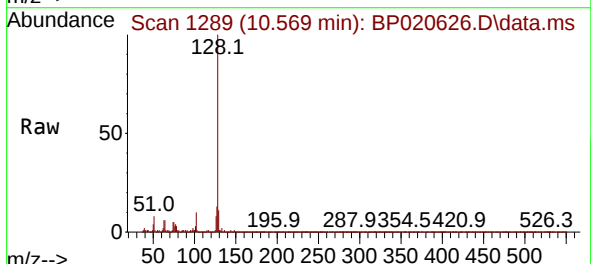
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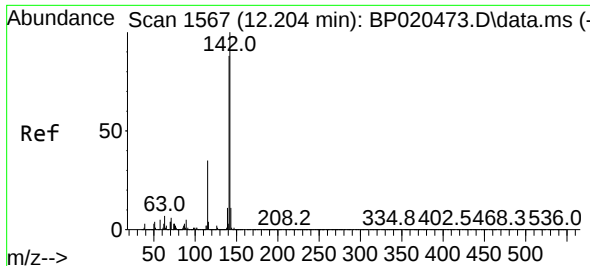
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#31
Naphthalene
Concen: 7.077 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

Tgt Ion:128 Resp: 358465
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.5 15.7





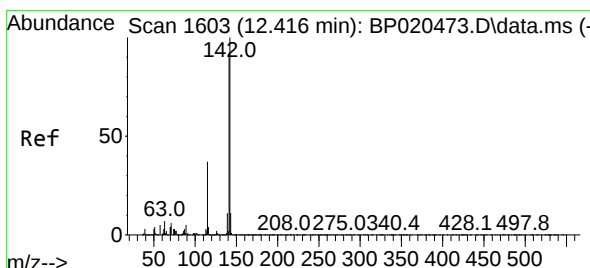
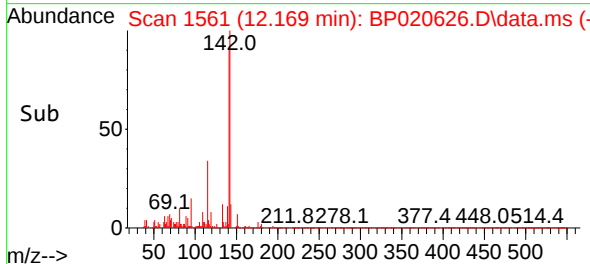
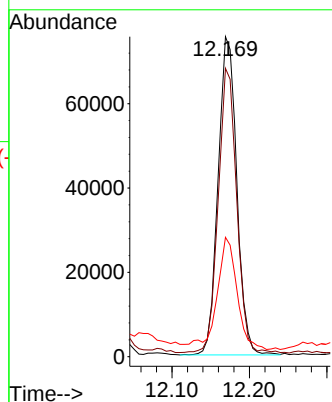
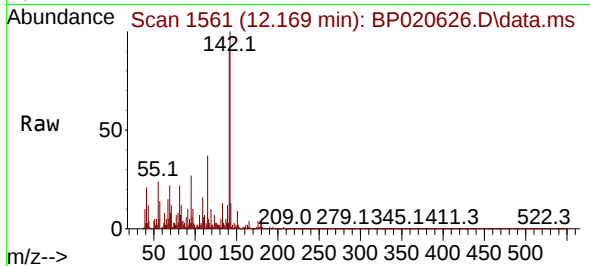
#37
2-Methylnaphthalene
Concen: 3.494 ng
RT: 12.169 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

Instrument :
BNA_P
ClientSampleId :
348

Tgt Ion:142 Resp: 126814
Ion Ratio Lower Upper
142 100
141 90.1 70.3 105.5
115 37.3 28.0 42.0

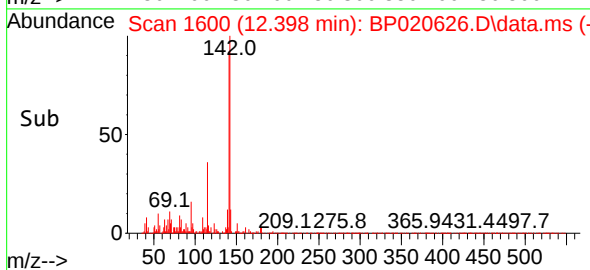
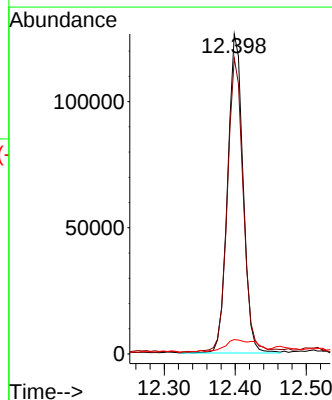
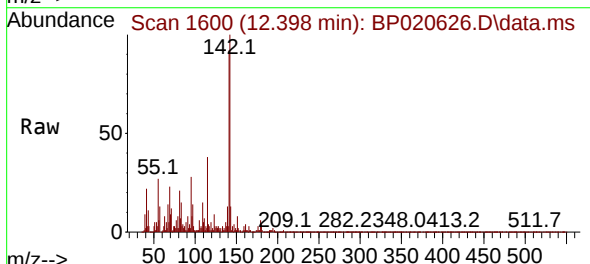
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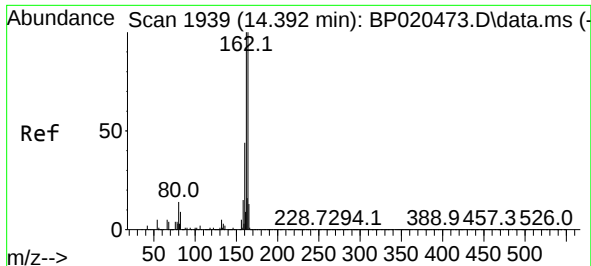
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#38
1-Methylnaphthalene
Concen: 5.274 ng
RT: 12.398 min Scan# 1600
Delta R.T. -0.018 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

Tgt Ion:142 Resp: 189770
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5
116 4.5 3.2 4.8





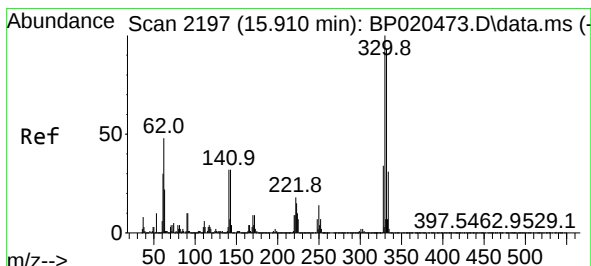
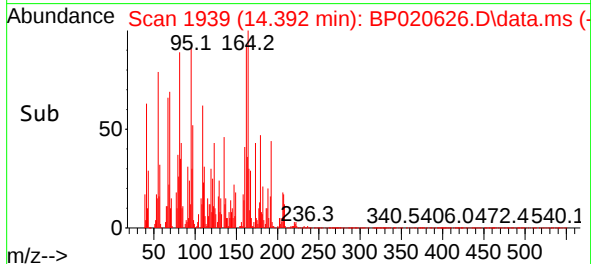
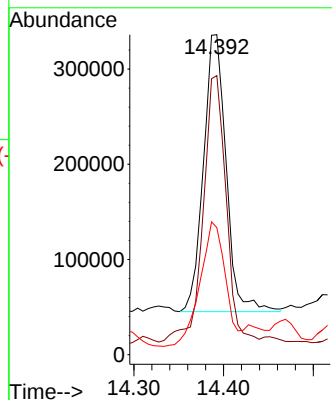
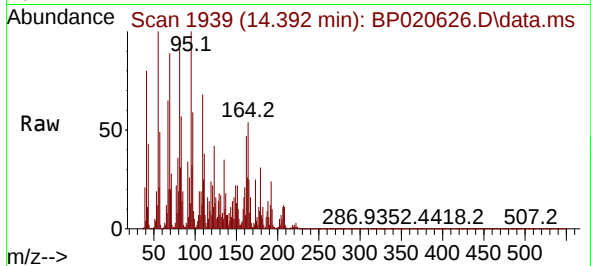
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

Instrument :
BNA_P
ClientSampleId :
348

Tgt Ion:164 Resp: 511534
Ion Ratio Lower Upper
164 100
162 87.2 80.3 120.5
160 39.7 35.4 53.2

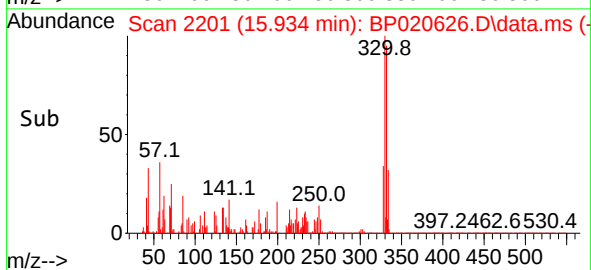
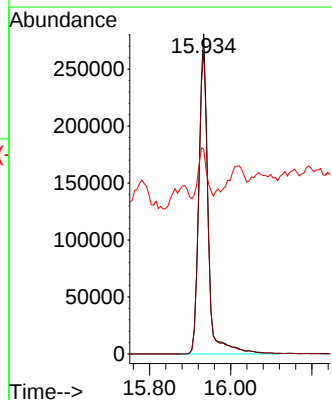
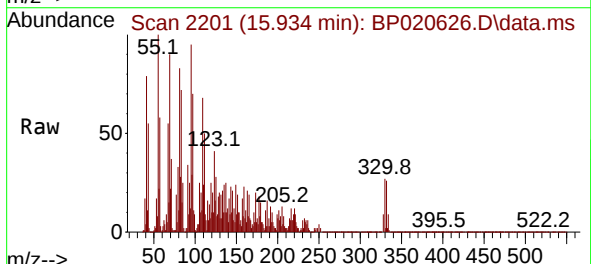
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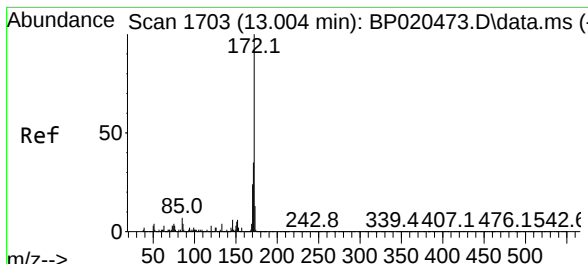
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#42
2,4,6-Tribromophenol
Concen: 84.107 ng
RT: 15.934 min Scan# 2201
Delta R.T. 0.024 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

Tgt Ion:330 Resp: 446499
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 14.4 27.1 40.7#





#45
 2-Fluorobiphenyl
 Concen: 61.678 ng
 RT: 12.993 min Scan# 1701
 Delta R.T. -0.012 min
 Lab File: BP020626.D
 Acq: 14 Jun 2024 15:21

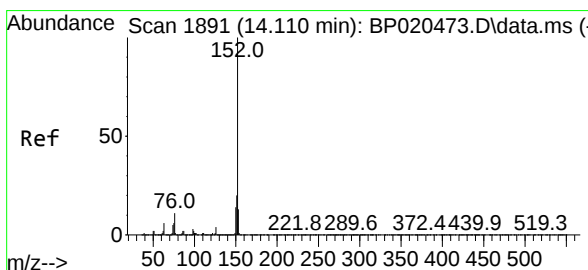
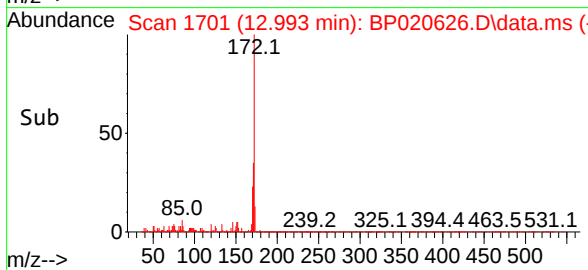
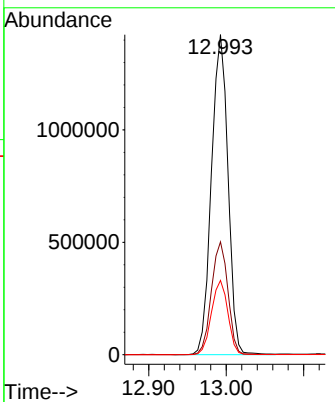
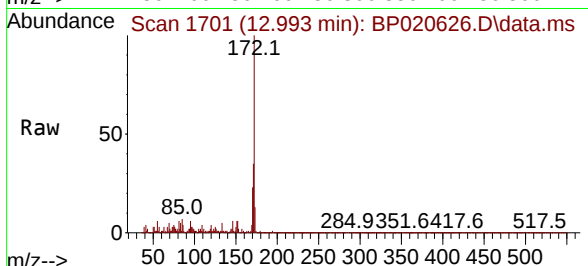
Instrument : BNA_P
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Tgt Ion:172 Resp: 211644

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.4	42.6
170	23.2	18.9	28.3

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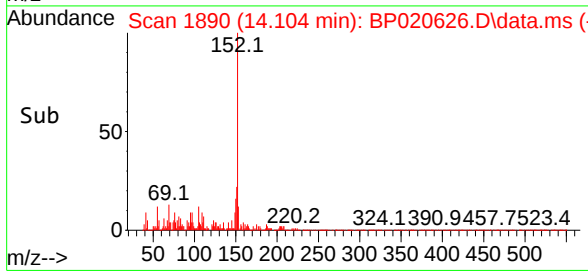
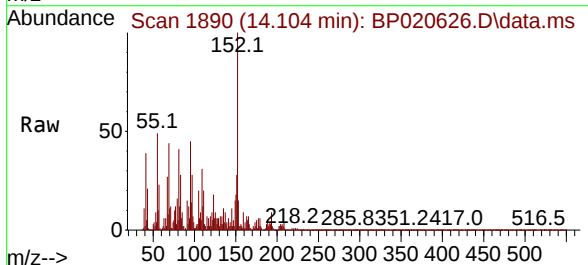
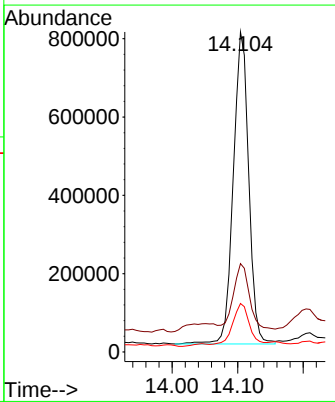
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 Supervised By :mohammad ahmed 06/18/2024

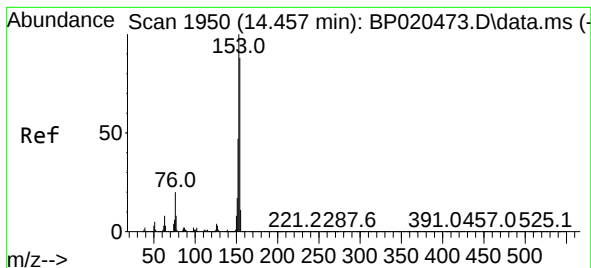


#49
 Acenaphthylene
 Concen: 30.648 ng
 RT: 14.104 min Scan# 1890
 Delta R.T. -0.006 min
 Lab File: BP020626.D
 Acq: 14 Jun 2024 15:21

Tgt Ion:152 Resp: 1305146

Ion	Ratio	Lower	Upper
152	100		
151	27.6	15.9	23.9
153	15.2	10.6	15.8





#52

Acenaphthene

Concen: 2.257 ng

RT: 14.457 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA_P

ClientSampleId :

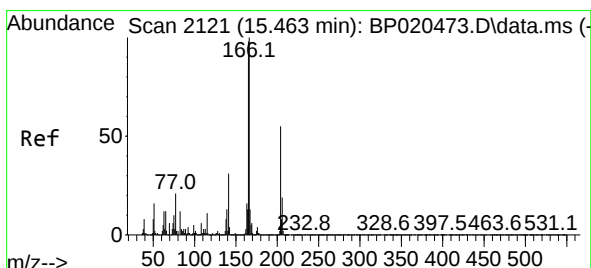
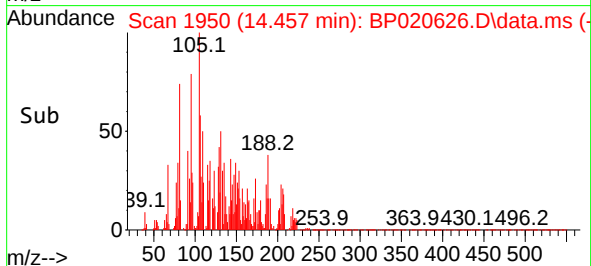
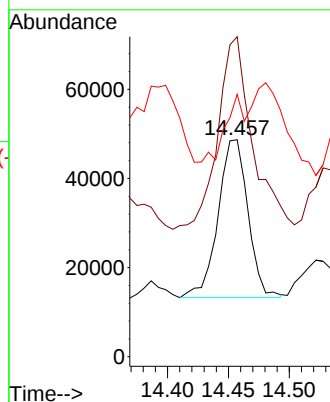
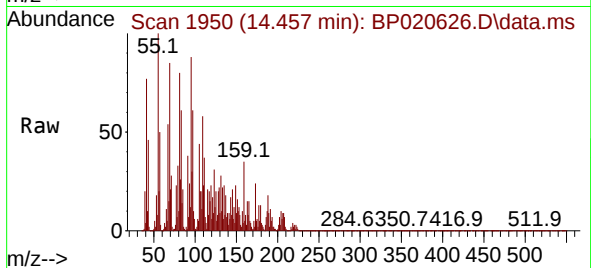
348

Tgt Ion:154 Resp: 60634
 Ion Ratio Lower Upper
 154 100
 153 147.5 90.6 136.0#
 152 120.9 42.6 63.8#

Manual Integrations

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#58

Fluorene

Concen: 10.732 ng

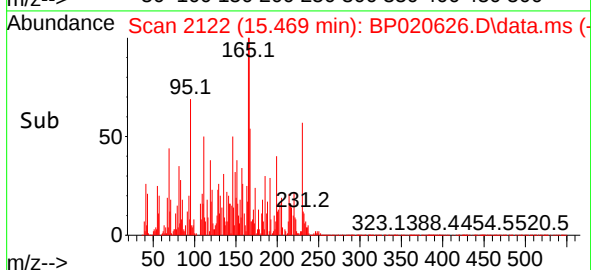
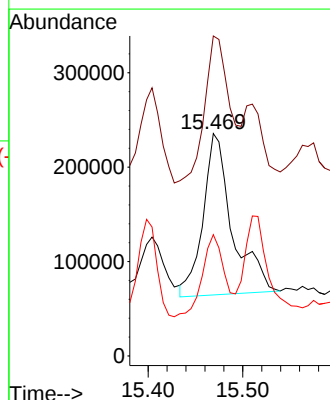
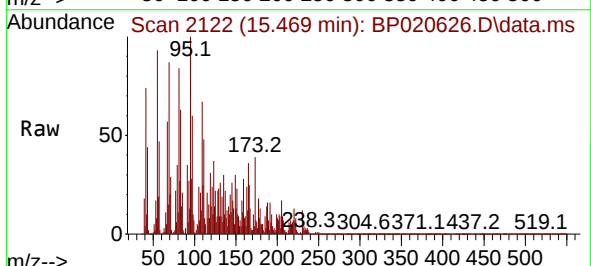
RT: 15.469 min Scan# 2122

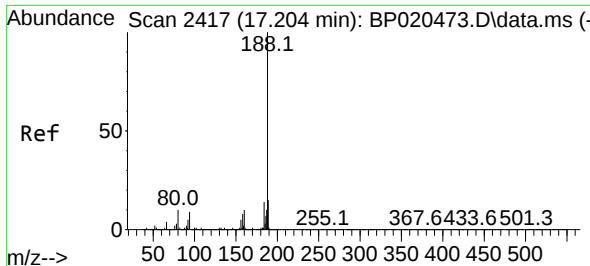
Delta R.T. 0.006 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

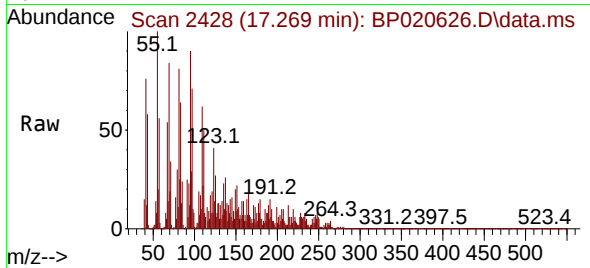
Tgt Ion:166 Resp: 366604
 Ion Ratio Lower Upper
 166 100
 165 143.9 78.2 117.4#
 167 54.6 10.7 16.1#





#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 17.269 min Scan# 2417
Delta R.T. 0.065 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

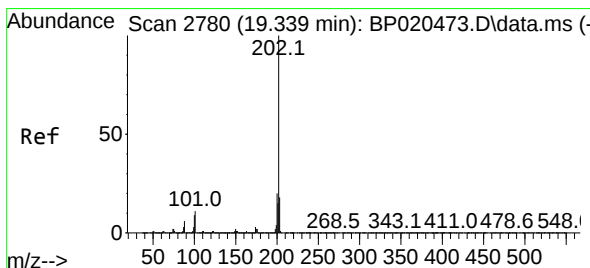
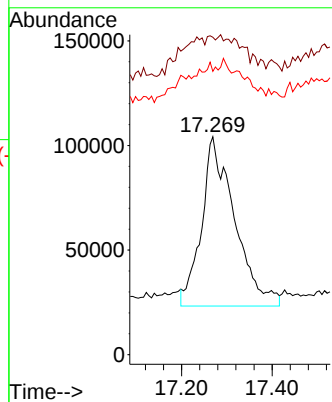
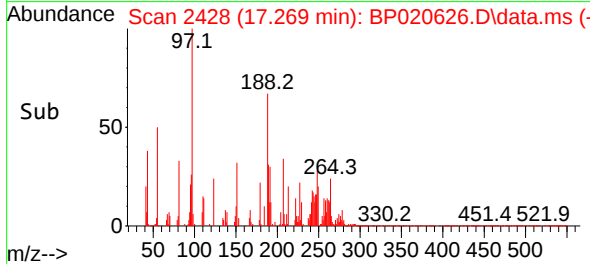
Instrument :
BNA_P
ClientSampleId :
348



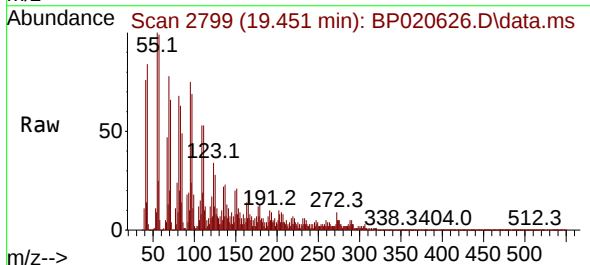
Tgt Ion:188 Resp: 40934
Ion Ratio Lower Upper
188 100
94 145.7 7.2 10.8
80 130.0 8.1 12.1

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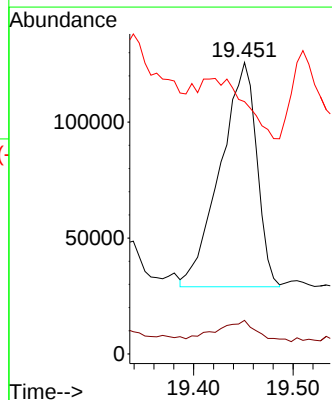
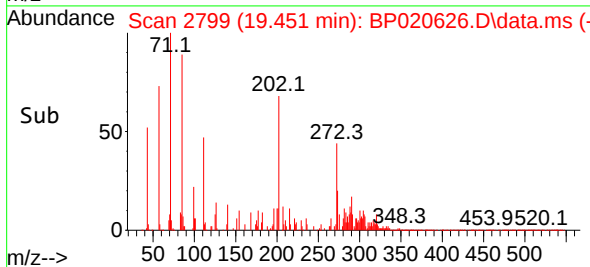
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

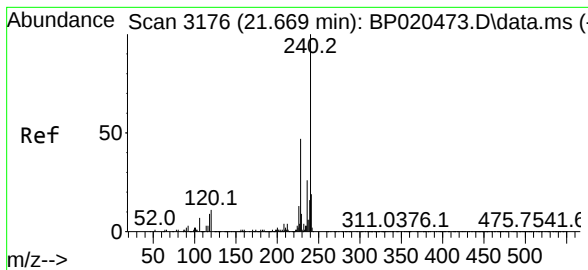


#75
Fluoranthene
Concen: 10.363 ng m
RT: 19.451 min Scan# 2799
Delta R.T. 0.112 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21



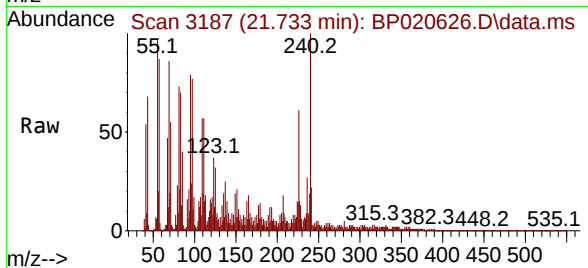
Tgt Ion:202 Resp: 246691
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 86.6 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3176
Delta R.T. 0.065 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

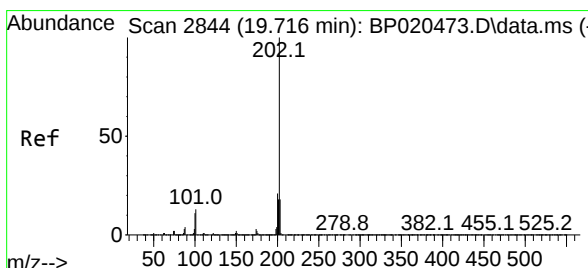
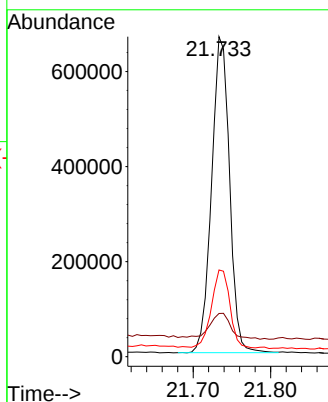
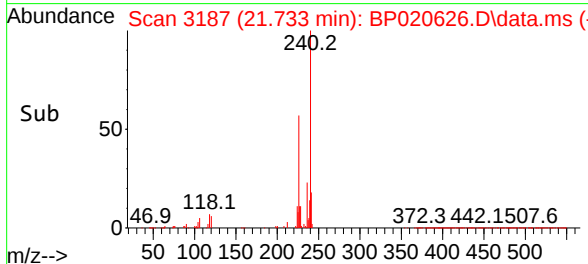
Instrument :
BNA_P
ClientSampleId :
348



Tgt Ion:240 Resp: 1070615
Ion Ratio Lower Upper
240 100
120 13.5 8.5 12.7
236 27.1 20.5 30.7

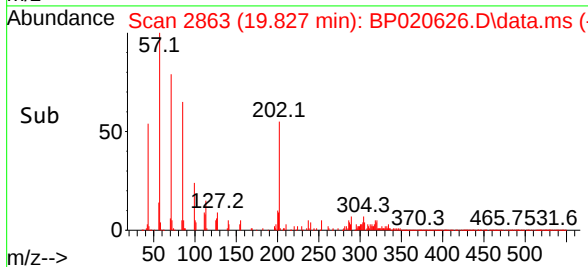
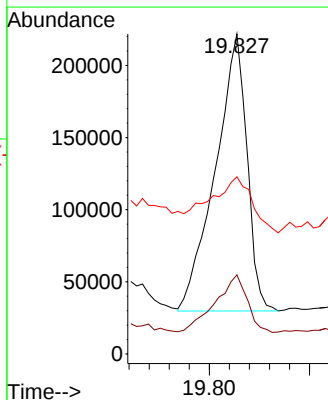
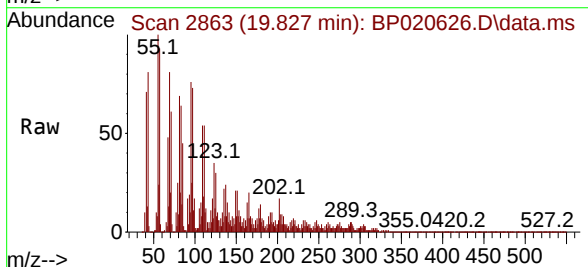
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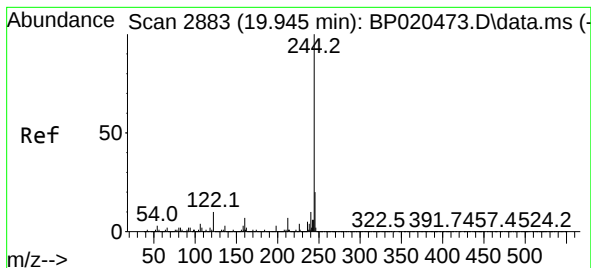
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#78
Pyrene
Concen: 5.222 ng
RT: 19.827 min Scan# 2863
Delta R.T. 0.112 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

Tgt Ion:202 Resp: 420546
Ion Ratio Lower Upper
202 100
200 24.7 16.9 25.3
203 55.4 14.1 21.1#





#79

Terphenyl-d14

Concen: 15.765 ng

RT: 20.022 min Scan# 21

Delta R.T. 0.077 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA_P

ClientSampleId :

348

Tgt Ion:244 Resp: 101390

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

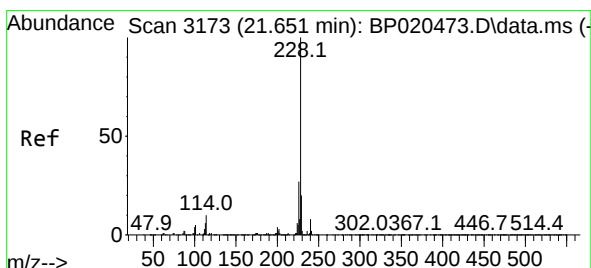
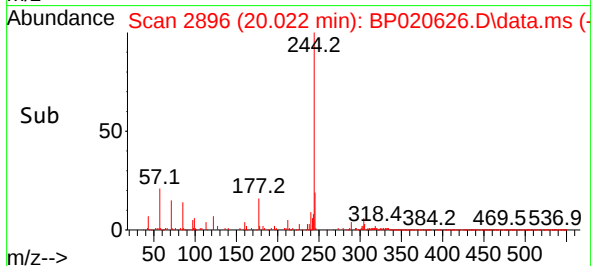
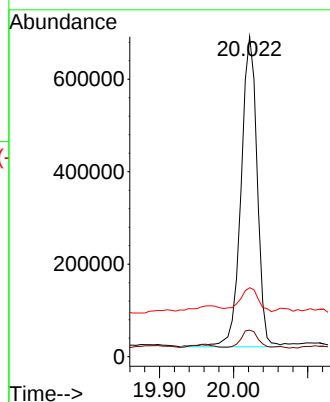
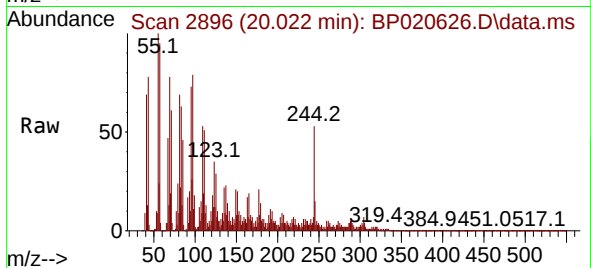
122 21.6 8.2 12.2

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Reviewed By :Jagrut Upadhyay 06/17/2024

Supervised By :mohammad ahmed 06/18/2024



#81

Benzo(a)anthracene

Concen: 5.596 ng

RT: 21.716 min Scan# 3184

Delta R.T. 0.065 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

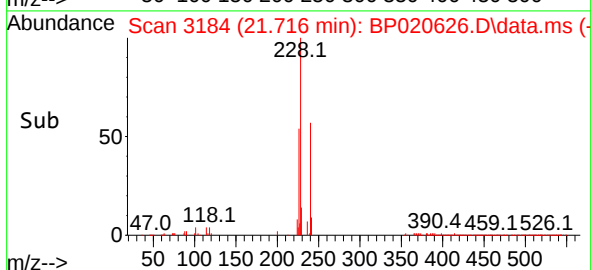
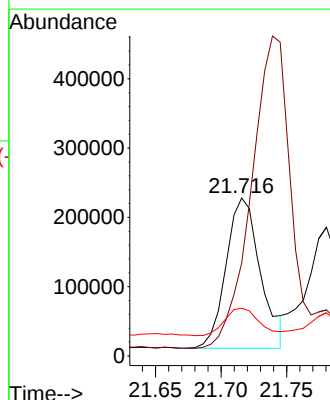
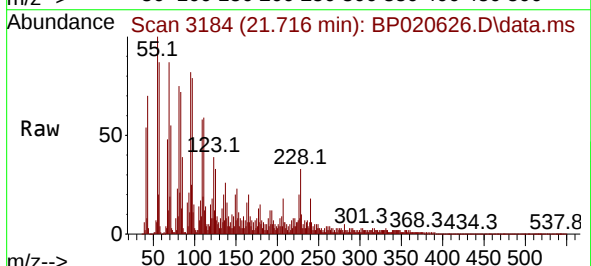
Tgt Ion:228 Resp: 394476

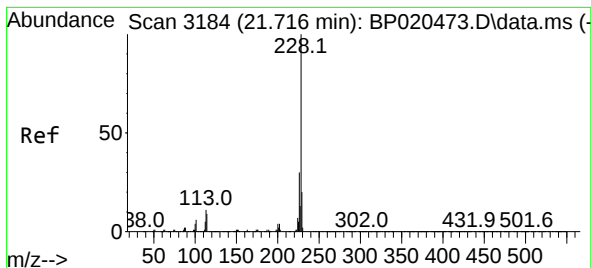
Ion Ratio Lower Upper

228 100

226 58.6 21.7 32.5#

229 30.2 15.8 23.6#





#83

Chrysene

Concen: 5.028 ng

RT: 21.780 min Scan# 31

Delta R.T. 0.065 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA_P

ClientSampleId :

348

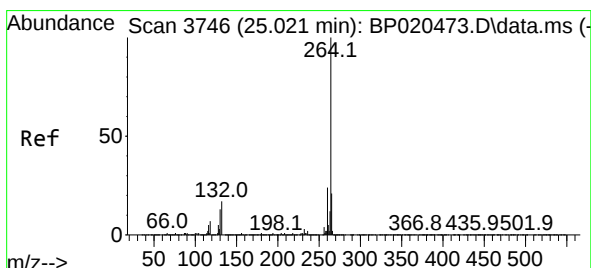
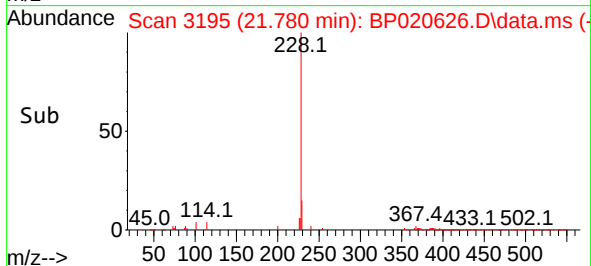
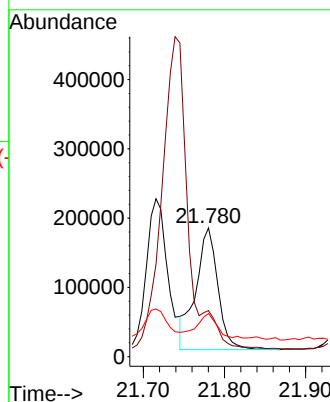
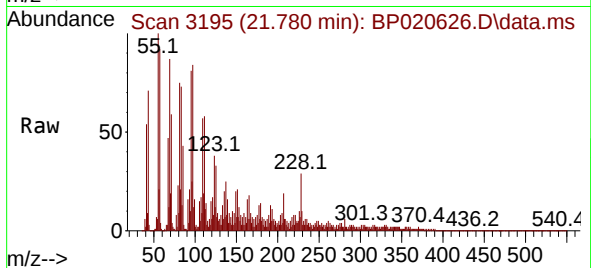
Tgt Ion:228 Resp: 334000

Ion	Ratio	Lower	Upper
228	100		
226	35.7	24.0	36.0
229	33.6	15.7	23.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.063 min Scan# 3753

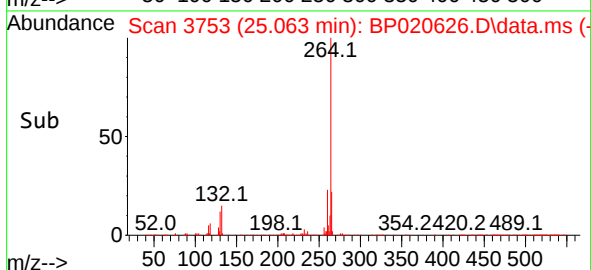
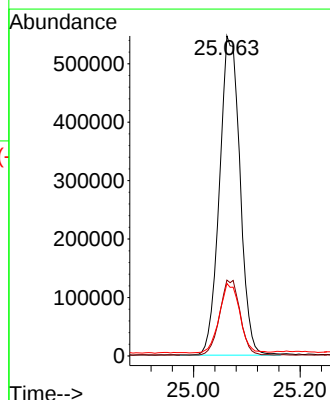
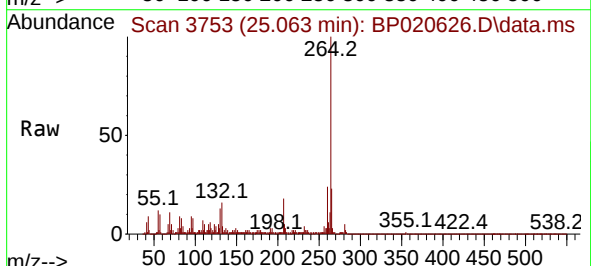
Delta R.T. 0.041 min

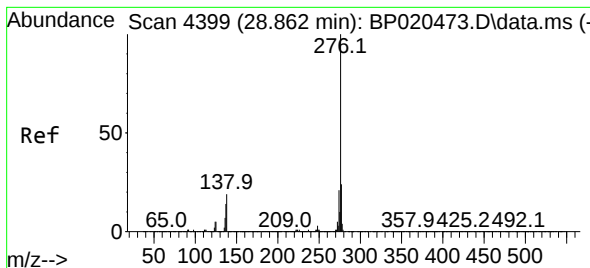
Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Tgt Ion:264 Resp: 1455965

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.7	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.697 ng

RT: 28.845 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

Instrument :

BNA_P

ClientSampleId :

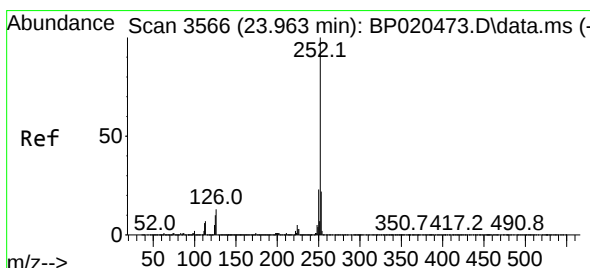
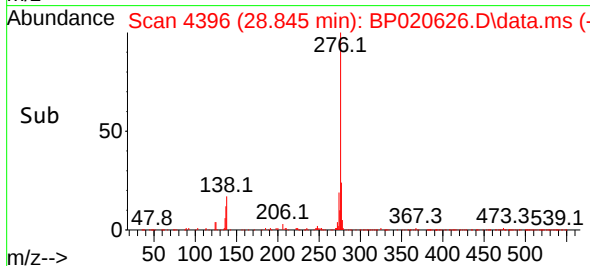
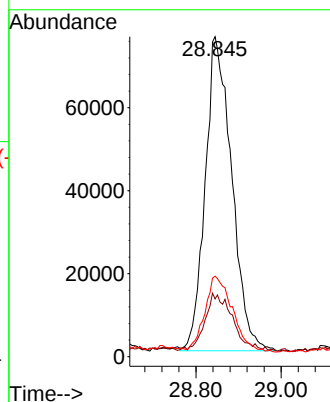
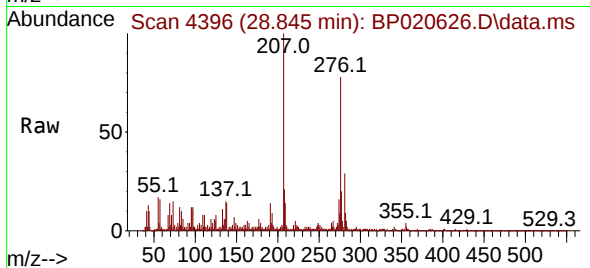
348

Tgt Ion:	276	Resp:	32733
Ion Ratio	Lower	Upper	
276	100		
138	19.2	12.8	19.2
277	25.2	15.6	23.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#88

Benzo(b)fluoranthene

Concen: 5.591 ng

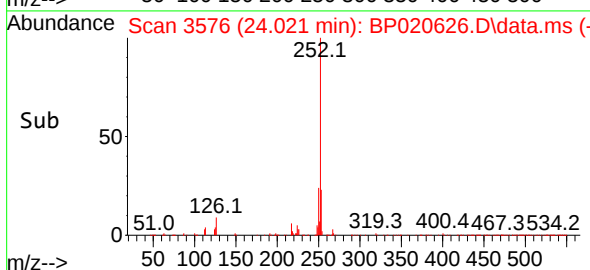
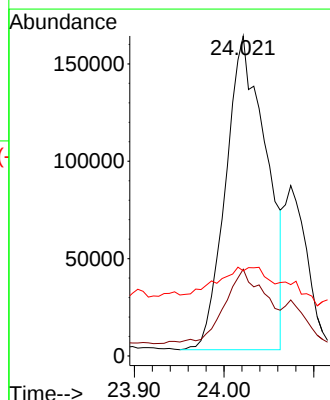
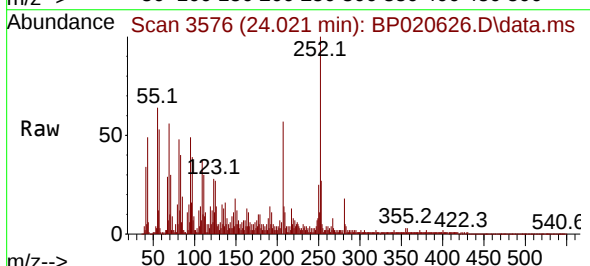
RT: 24.021 min Scan# 3576

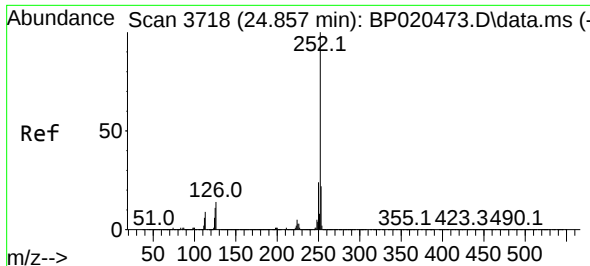
Delta R.T. 0.059 min

Lab File: BP020626.D

Acq: 14 Jun 2024 15:21

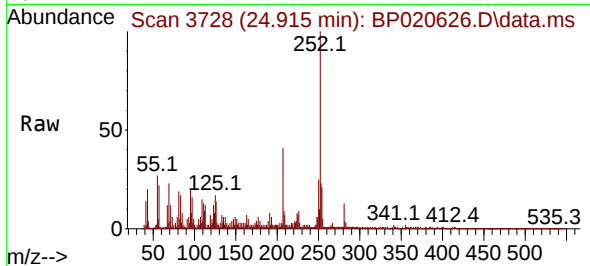
Tgt Ion:	252	Resp:	507144
Ion Ratio	Lower	Upper	
252	100		
253	27.1	17.6	26.4#
125	26.6	8.0	12.0#





#90
Benzo(a)pyrene
Concen: 7.348 ng
RT: 24.915 min Scan# 31
Delta R.T. 0.059 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

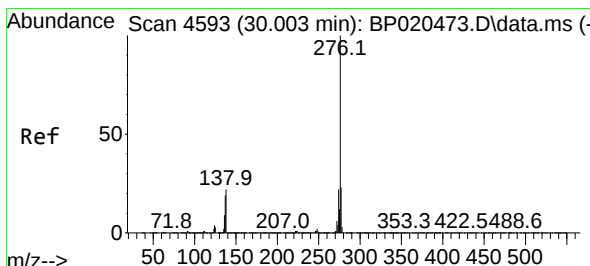
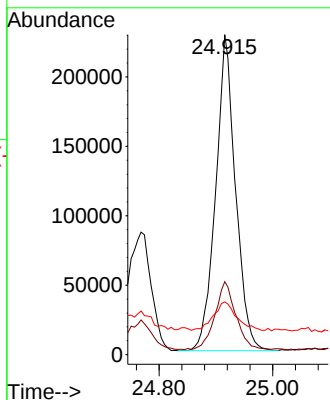
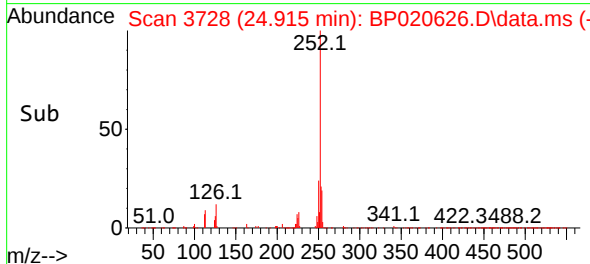
Instrument :
BNA_P
ClientSampleId :
348



Tgt Ion:252 Resp: 551944
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 16.5 8.9 13.3

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Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#92
Benzo(g,h,i)perylene
Concen: 5.030 ng
RT: 30.021 min Scan# 4596
Delta R.T. 0.018 min
Lab File: BP020626.D
Acq: 14 Jun 2024 15:21

Tgt Ion:276 Resp: 371288
Ion Ratio Lower Upper
276 100
277 27.1 18.7 28.1
138 20.8 17.7 26.5

