

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
 Data File : BP019474.D
 Acq On : 29 Jan 2024 19:53
 Operator : MA/JU
 Sample : P1244-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 69-TP-3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 01/31/2024

Quant Time: Jan 30 01:22:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 00:59:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	66751	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	250041	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	148215	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	303334	20.000	ng	0.00
76) Chrysene-d12	21.410	240	280710	20.000	ng	0.00
86) Perylene-d12	23.845	264	325678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	333433	79.484	ng	0.00
7) Phenol-d6	7.099	99	459818	75.083	ng	0.00
23) Nitrobenzene-d5	9.099	82	322787	53.119	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	140068	68.976	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	627755	54.534	ng	0.00
79) Terphenyl-d14	19.886	244	850721	43.178	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.357	178	51685	3.200	ng	98
75) Fluoranthene	19.327	202	109645	5.608	ng	99
78) Pyrene	19.680	202	97376	4.157	ng	100
81) Benzo(a)anthracene	21.392	228	56410	2.788	ng	98
83) Chrysene	21.451	228	47495m	2.517	ng	
88) Benzo(b)fluoranthene	23.104	252	67821	3.114	ng	# 97
90) Benzo(a)pyrene	23.739	252	49654	2.670	ng	# 95

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

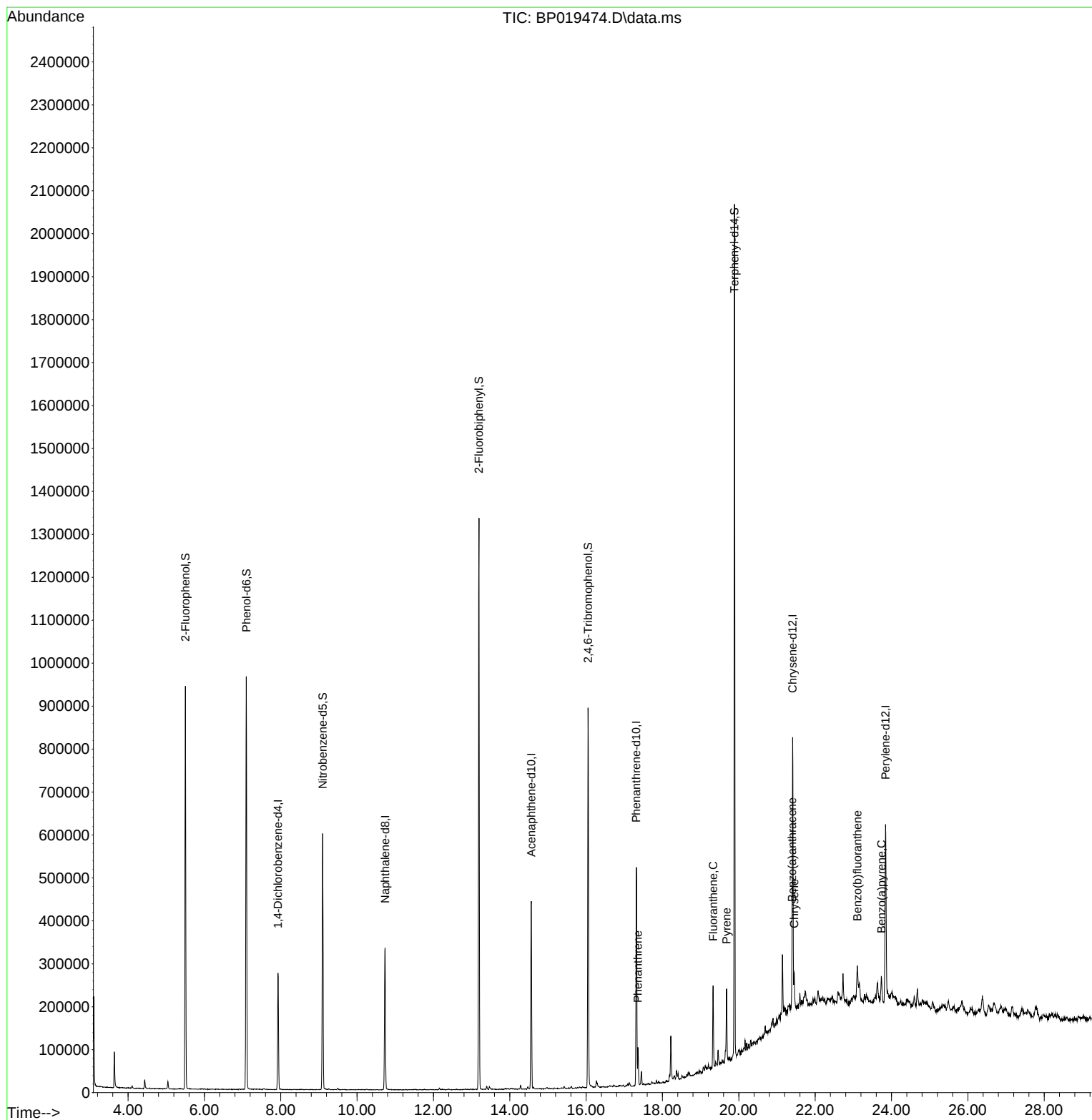
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019474.D
Acq On : 29 Jan 2024 19:53
Operator : MA/JU
Sample : P1244-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

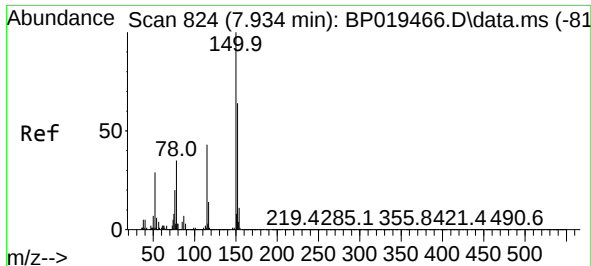
Instrument :
BNA_P
ClientSampleId :
69-TP-3

Quant Time: Jan 30 01:22:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 00:59:08 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

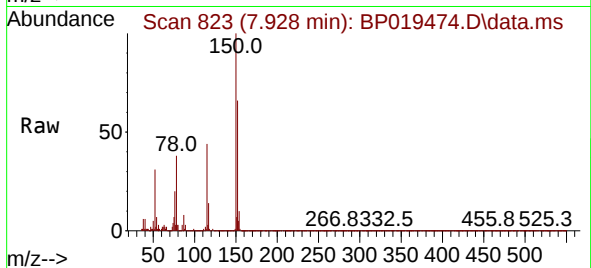
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

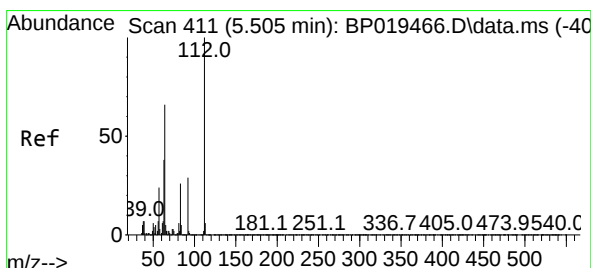
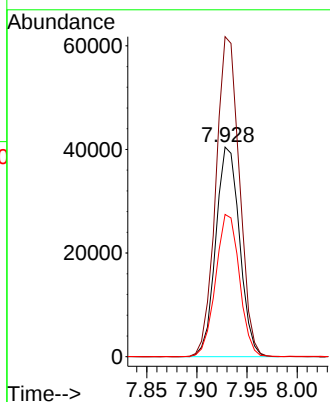
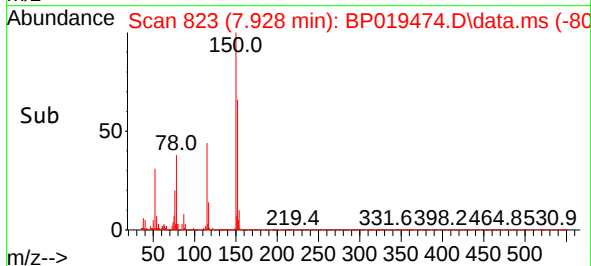
Instrument :
BNA_P
ClientSampleId :
69-TP-3



Tgt Ion:152 Resp: 6675
Ion Ratio Lower Upper
152 100
150 152.6 125.4 188.2
115 67.8 53.7 80.5

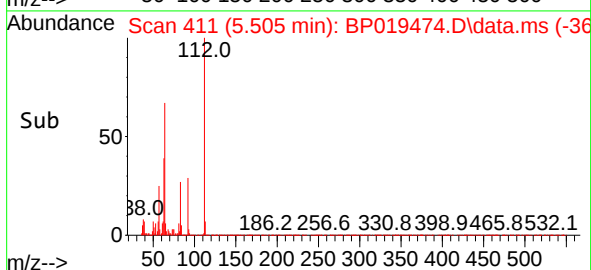
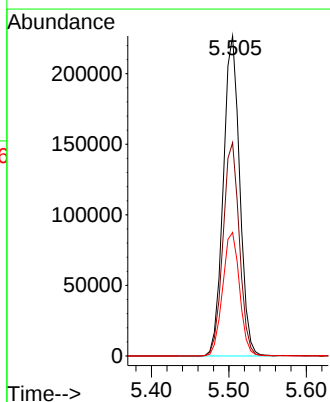
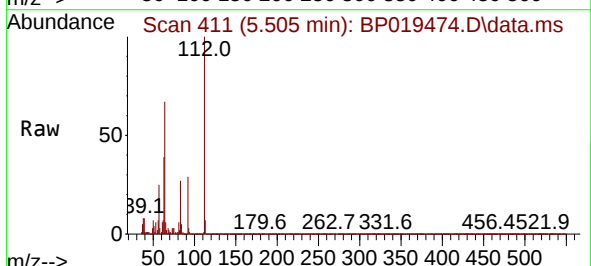
Manual Integrations
APPROVED

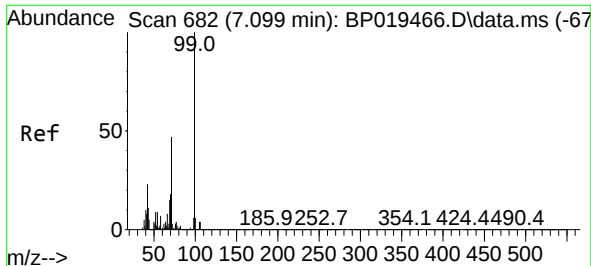
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#5
2-Fluorophenol
Concen: 79.484 ng
RT: 5.505 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

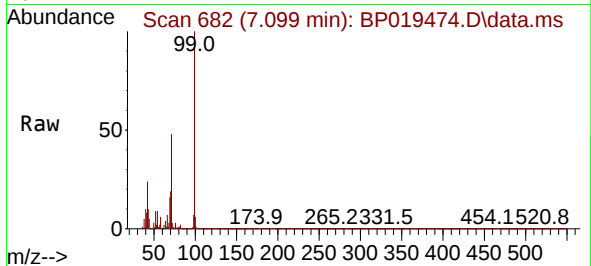
Tgt Ion:112 Resp: 333433
Ion Ratio Lower Upper
112 100
64 66.6 52.6 79.0
63 38.6 30.3 45.5





#7
Phenol-d6
Concen: 75.083 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

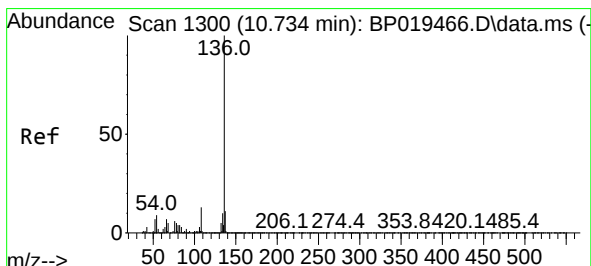
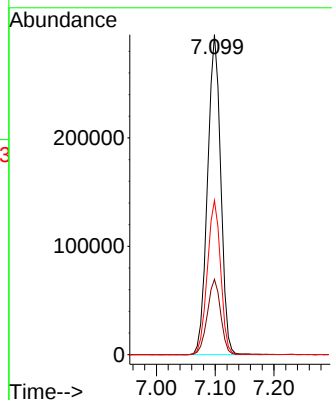
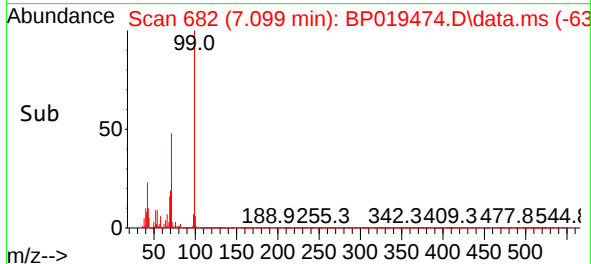
Instrument :
BNA_P
ClientSampleId :
69-TP-3



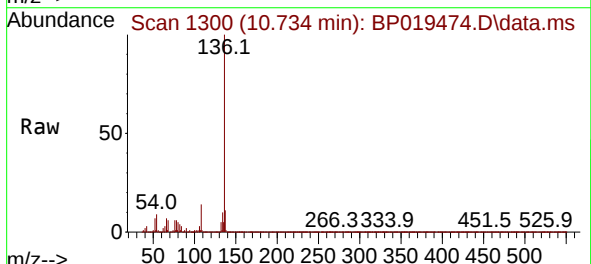
Tgt Ion: 99 Resp: 459818
Ion Ratio Lower Upper
99 100
42 23.5 18.6 28.0
71 48.2 37.8 56.6

Manual Integrations
APPROVED

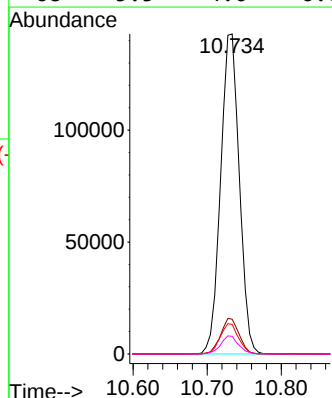
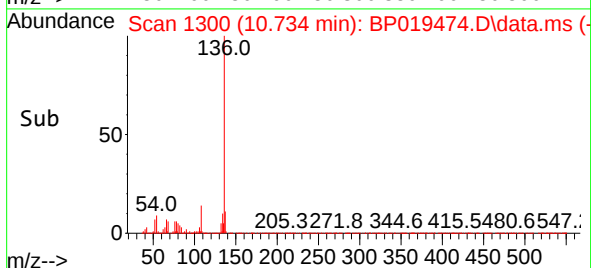
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

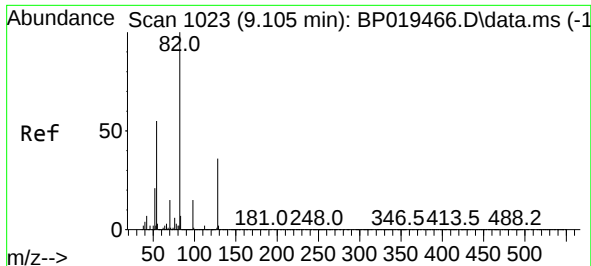


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53



Tgt Ion:136 Resp: 250041
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.3 7.4 11.0
68 5.5 4.0 6.0





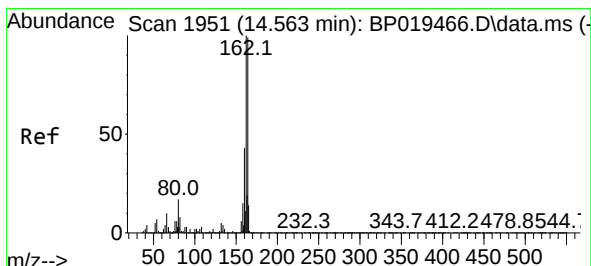
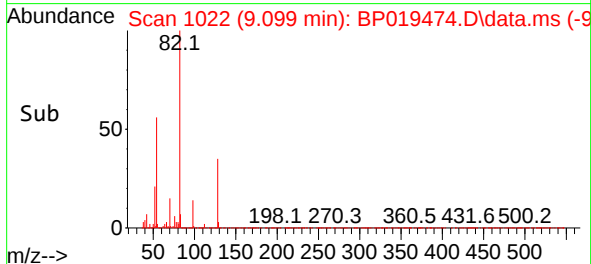
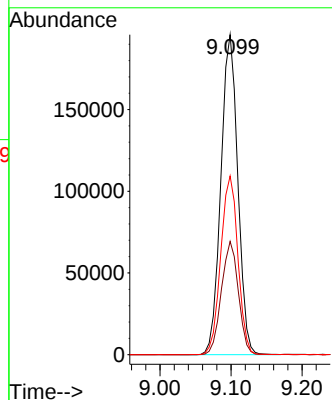
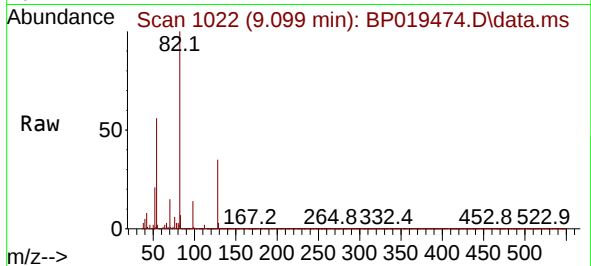
#23
Nitrobenzene-d5
Concen: 53.119 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Instrument :
BNA_P
ClientSampleId :
69-TP-3

Tgt Ion: 82 Resp: 32278
Ion Ratio Lower Upper
82 100
128 35.4 28.9 43.3
54 55.8 44.3 66.5

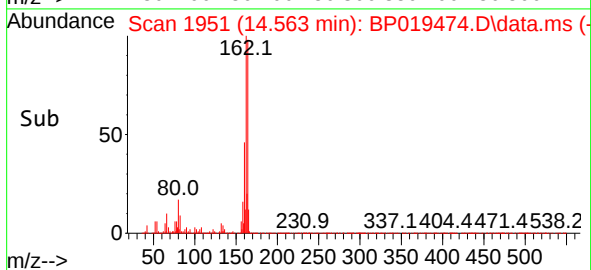
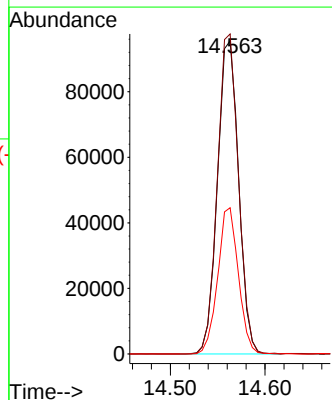
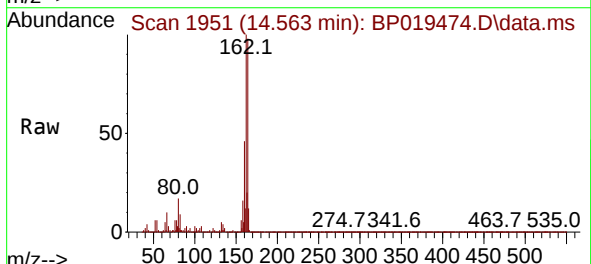
Manual Integrations
APPROVED

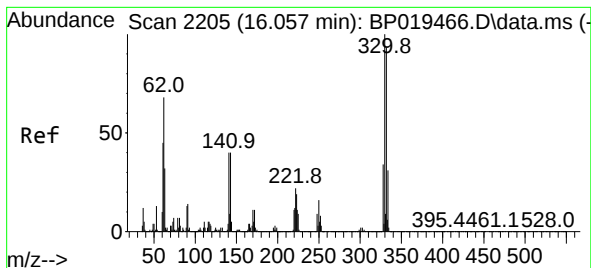
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Tgt Ion:164 Resp: 148215
Ion Ratio Lower Upper
164 100
162 102.2 80.7 121.1
160 46.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 68.976 ng

RT: 16.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

Instrument :

BNA_P

ClientSampleId :

69-TP-3

Tgt Ion:330 Resp: 14006

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.2

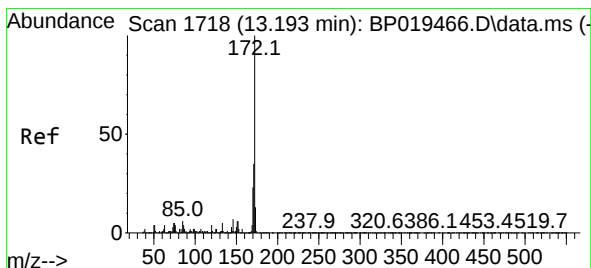
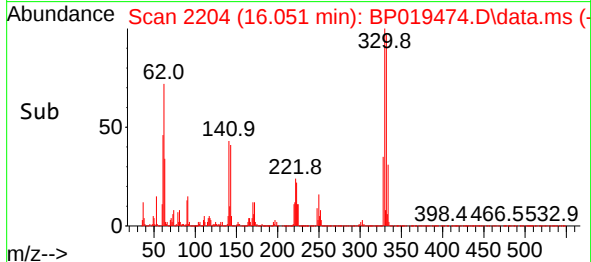
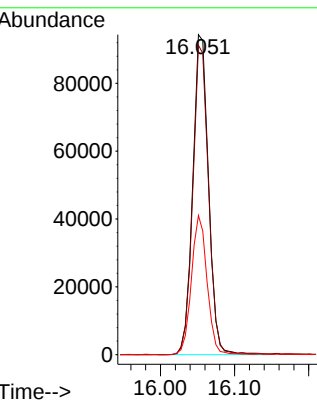
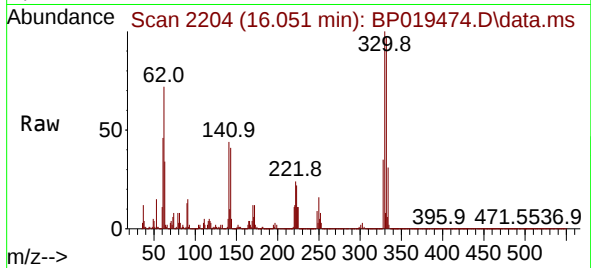
141 42.9 33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024

Supervised By :Sohil Jodhani 01/31/2024



#45

2-Fluorobiphenyl

Concen: 54.534 ng

RT: 13.193 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

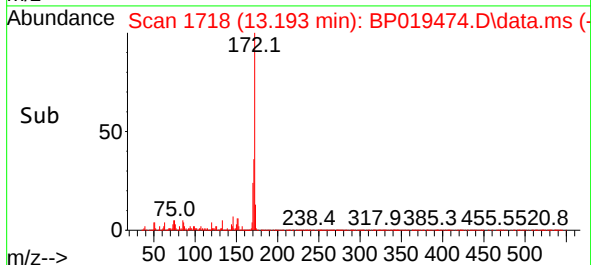
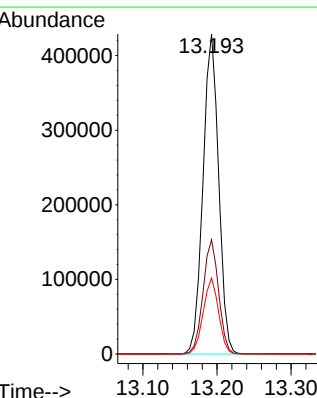
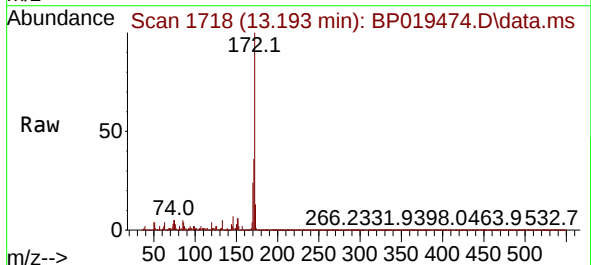
Tgt Ion:172 Resp: 627755

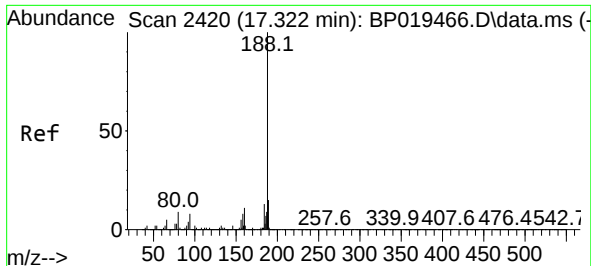
Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

170 23.8 18.6 27.8





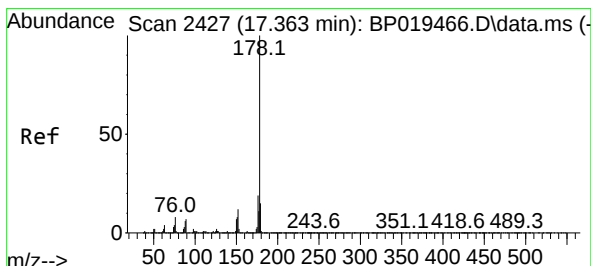
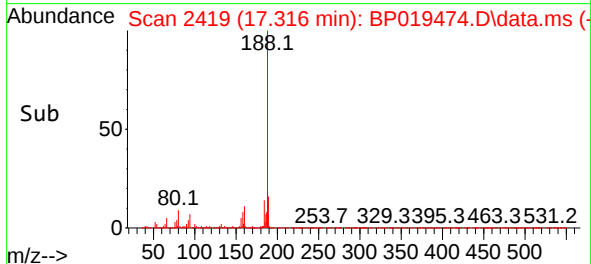
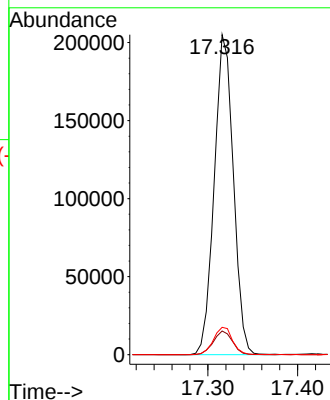
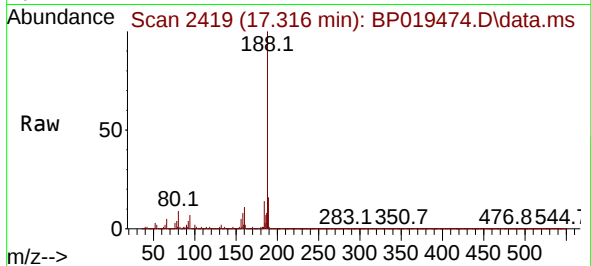
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Instrument :
BNA_P
ClientSampleId :
69-TP-3

Tgt Ion:188 Resp: 303334
Ion Ratio Lower Upper
188 100
94 7.4 6.1 9.1
80 8.5 6.8 10.2

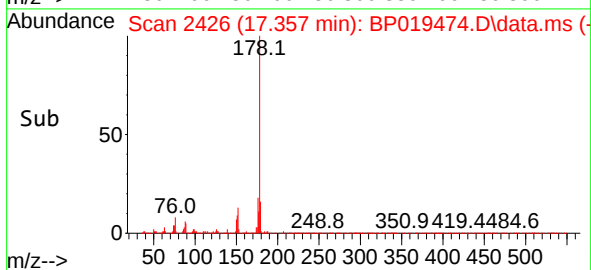
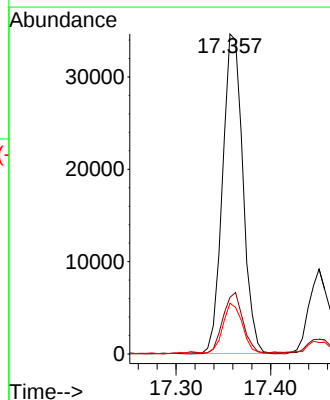
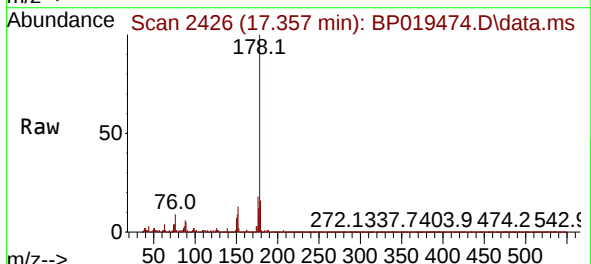
Manual Integrations
APPROVED

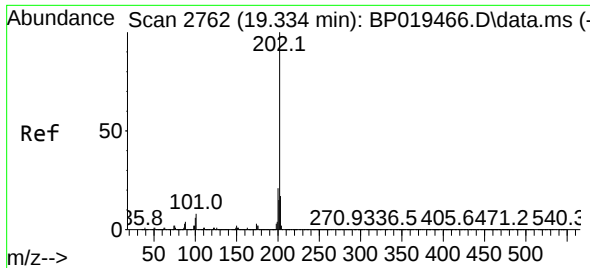
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#71
Phenanthrene
Concen: 3.200 ng
RT: 17.357 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Tgt Ion:178 Resp: 51685
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.6
179 15.9 12.0 18.0





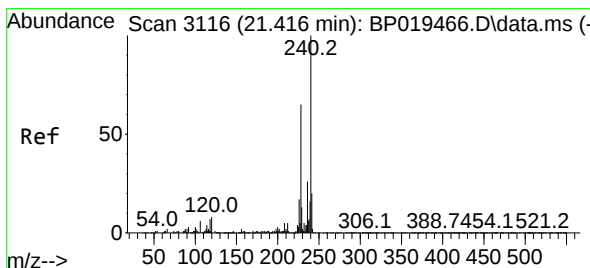
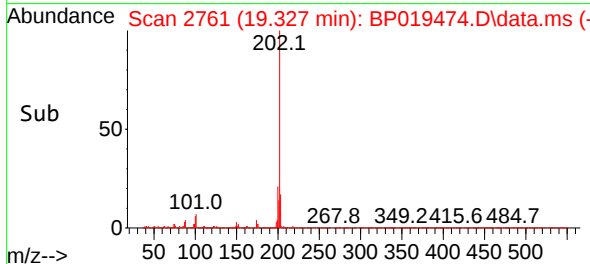
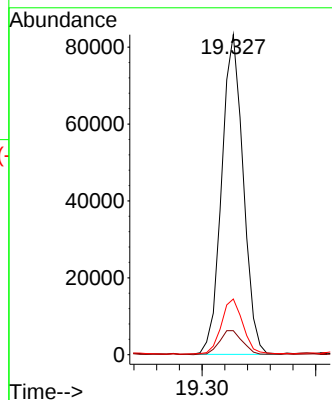
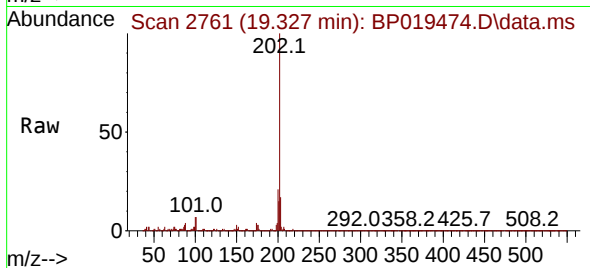
#75
Fluoranthene
Concen: 5.608 ng
RT: 19.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Instrument :
BNA_P
ClientSampleId :
69-TP-3

Tgt Ion:	202	Resp:	10964
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	27.9
203	17.4	0.0	37.3

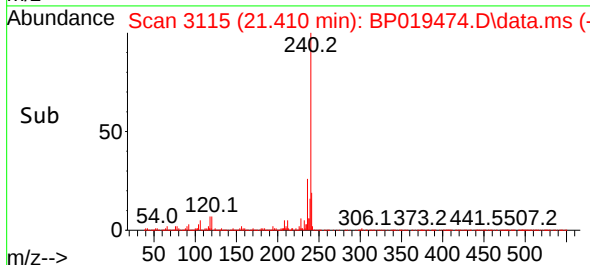
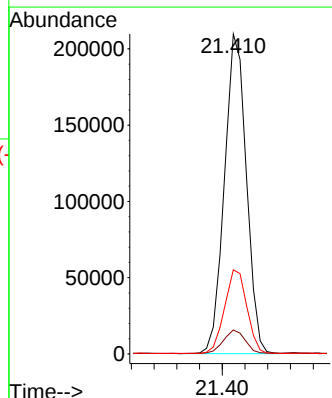
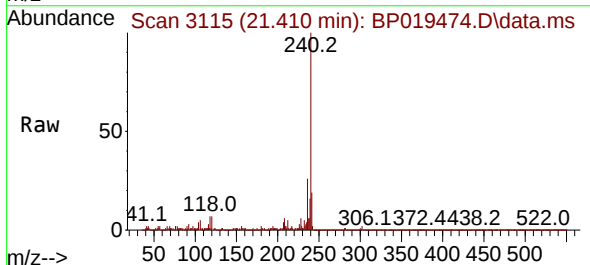
Manual Integrations
APPROVED

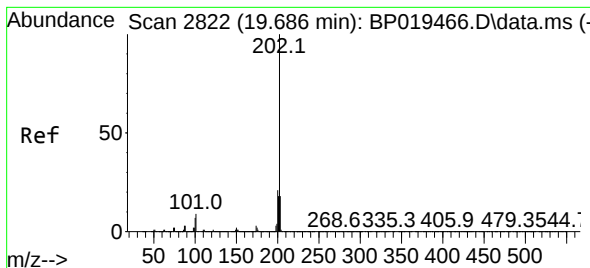
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Tgt Ion:	240	Resp:	280710
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.1	9.1
236	26.3	20.6	31.0





#78

Pyrene

Concen: 4.157 ng

RT: 19.680 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

Instrument :

BNA_P

ClientSampleId :

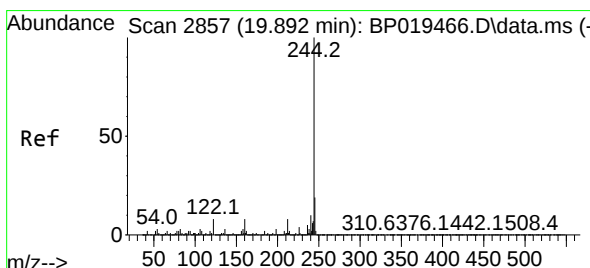
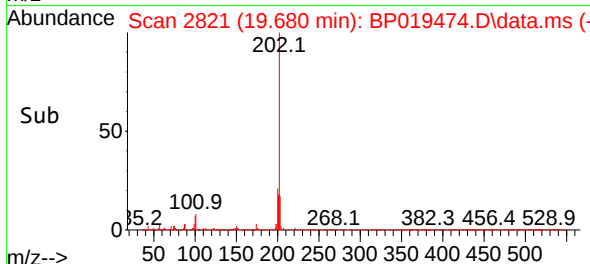
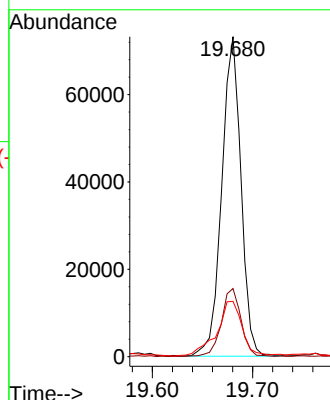
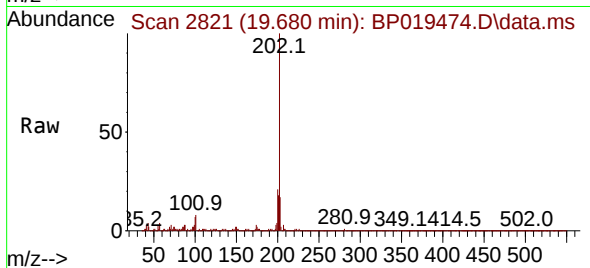
69-TP-3

Tgt Ion:	202	Resp:	97370
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.6
203	17.3	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#79

Terphenyl-d14

Concen: 43.178 ng

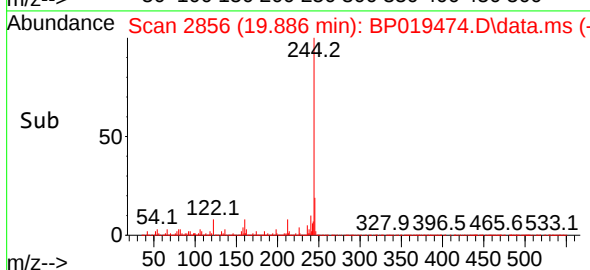
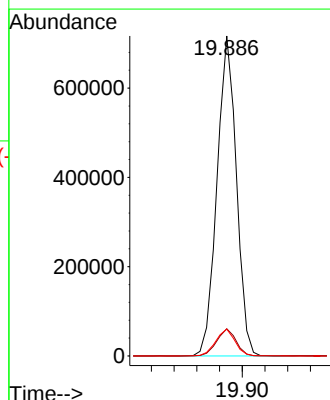
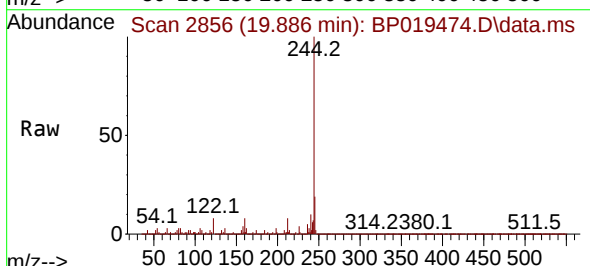
RT: 19.886 min Scan# 2856

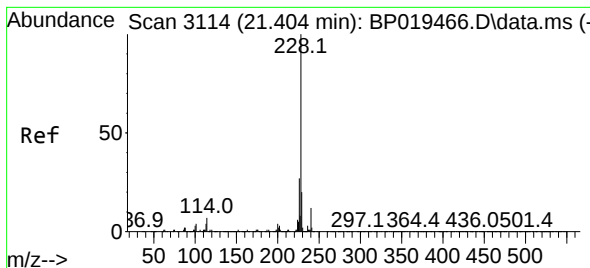
Delta R.T. -0.006 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

Tgt Ion:	244	Resp:	850721
Ion Ratio	Lower	Upper	
244	100		
212	8.5	6.4	9.6
122	8.4	6.5	9.7





#81

Benzo(a)anthracene

Concen: 2.788 ng

RT: 21.392 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

Instrument :

BNA_P

ClientSampleId :

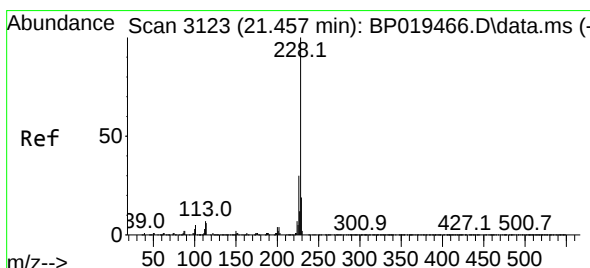
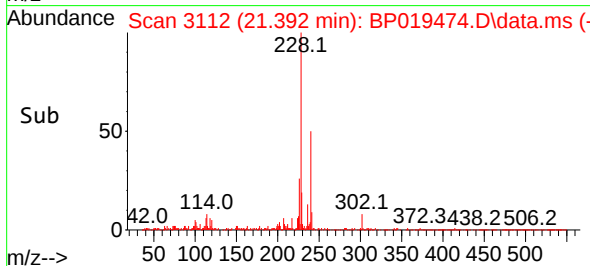
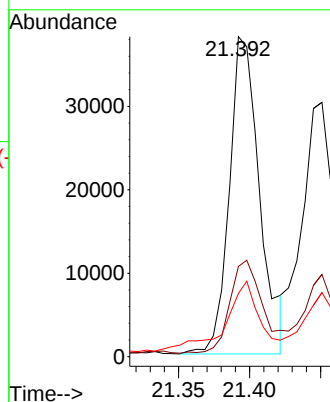
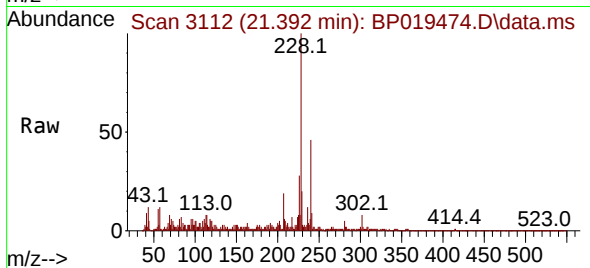
69-TP-3

Tgt Ion:	228	Resp:	56410
Ion Ratio	Lower	Upper	
228	100		
226	28.2	21.5	32.3
229	19.7	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#83

Chrysene

Concen: 2.517 ng m

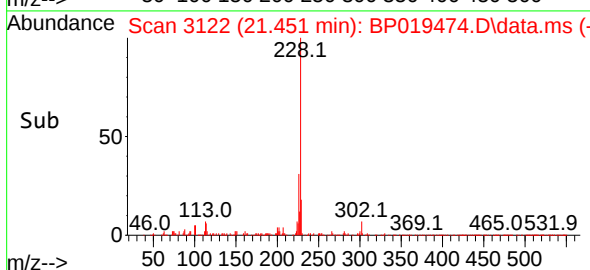
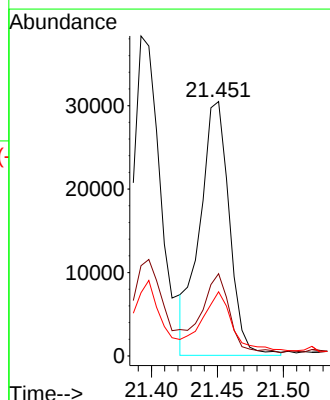
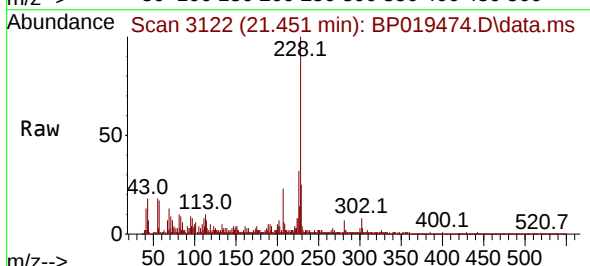
RT: 21.451 min Scan# 3122

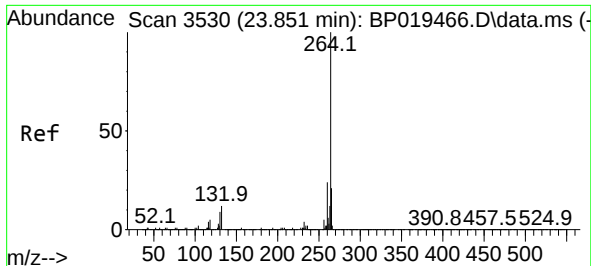
Delta R.T. -0.006 min

Lab File: BP019474.D

Acq: 29 Jan 2024 19:53

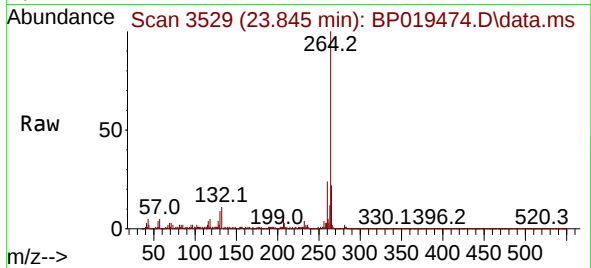
Tgt Ion:	228	Resp:	47495
Ion Ratio	Lower	Upper	
228	100		
226	32.3	23.9	35.9
229	25.2	15.5	23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

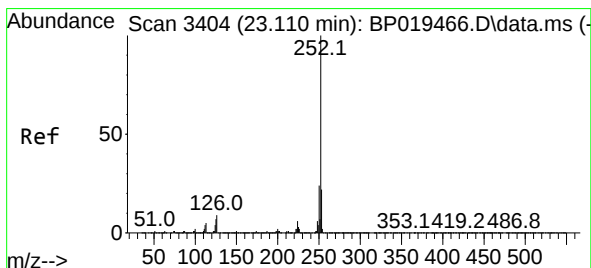
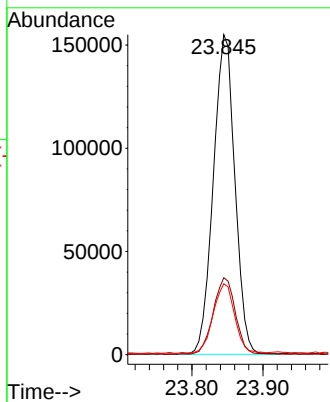
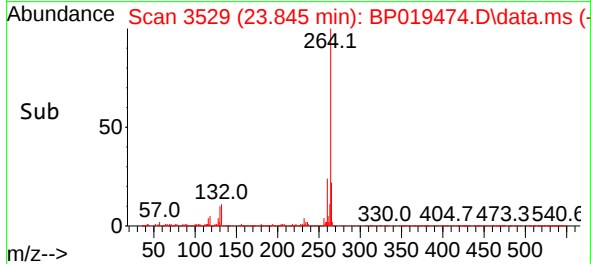
Instrument :
BNA_P
ClientSampleId :
69-TP-3



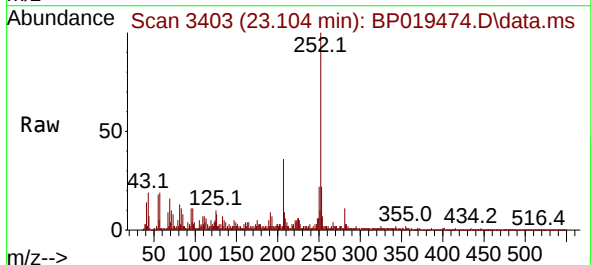
Tgt Ion:264 Resp: 325678
Ion Ratio Lower Upper
264 100
260 24.1 18.9 28.3
265 22.1 16.6 25.0

Manual Integrations
APPROVED

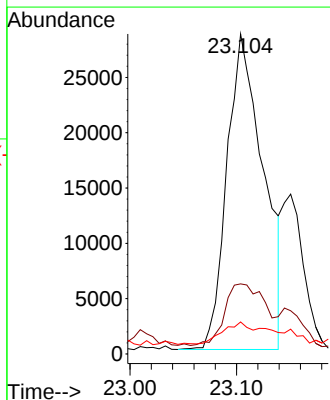
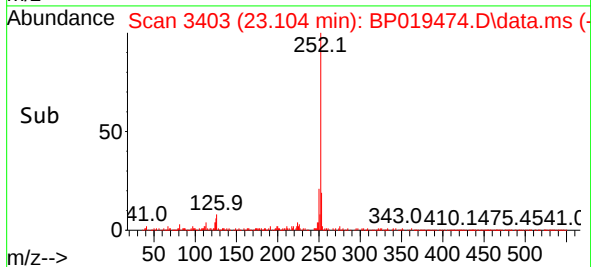
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

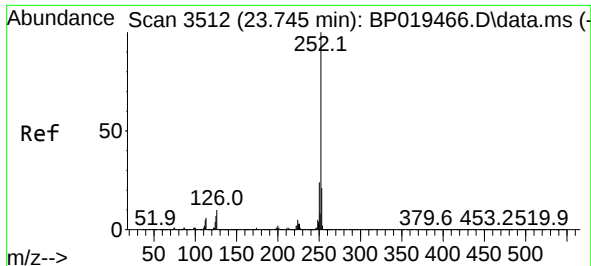


#88
Benzo(b)fluoranthene
Concen: 3.114 ng
RT: 23.104 min Scan# 3403
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53



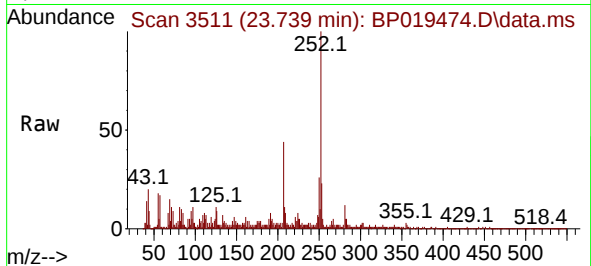
Tgt Ion:252 Resp: 67821
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.0 5.3 7.9





#90
Benzo(a)pyrene
Concen: 2.670 ng
RT: 23.739 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP019474.D
Acq: 29 Jan 2024 19:53

Instrument :
BNA_P
ClientSampleId :
69-TP-3



Tgt Ion:252 Resp: 49654
Ion Ratio Lower Upper
252 100
253 22.8 16.9 25.3
125 10.5 6.0 9.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

