

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047259.D
 Acq On : 19 Aug 2024 19:29
 Operator : RC/JU
 Sample : P3643-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 917-J-SD-0.5-1-081524

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 20 02:01:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	231442	20.000	ng	-0.01
21) Naphthalene-d8	10.116	136	865803	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	578178	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1281518	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1341099	20.000	ng	0.00
86) Perylene-d12	23.727	264	1273541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	801836	61.905	ng	0.00
7) Phenol-d6	6.575	99	1043399	58.462	ng	-0.01
23) Nitrobenzene-d5	8.510	82	604410	35.151	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	448955	66.968	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	1023340	27.302	ng	-0.02
79) Terphenyl-d14	19.450	244	1396657	22.315	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	18.862	202	263940	3.374	ng	99
78) Pyrene	19.233	202	220093	2.298	ng	96
83) Chrysene	21.062	228	184911m	2.189	ng	
88) Benzo(b)fluoranthene	22.886	252	240965	3.186	ng	99

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

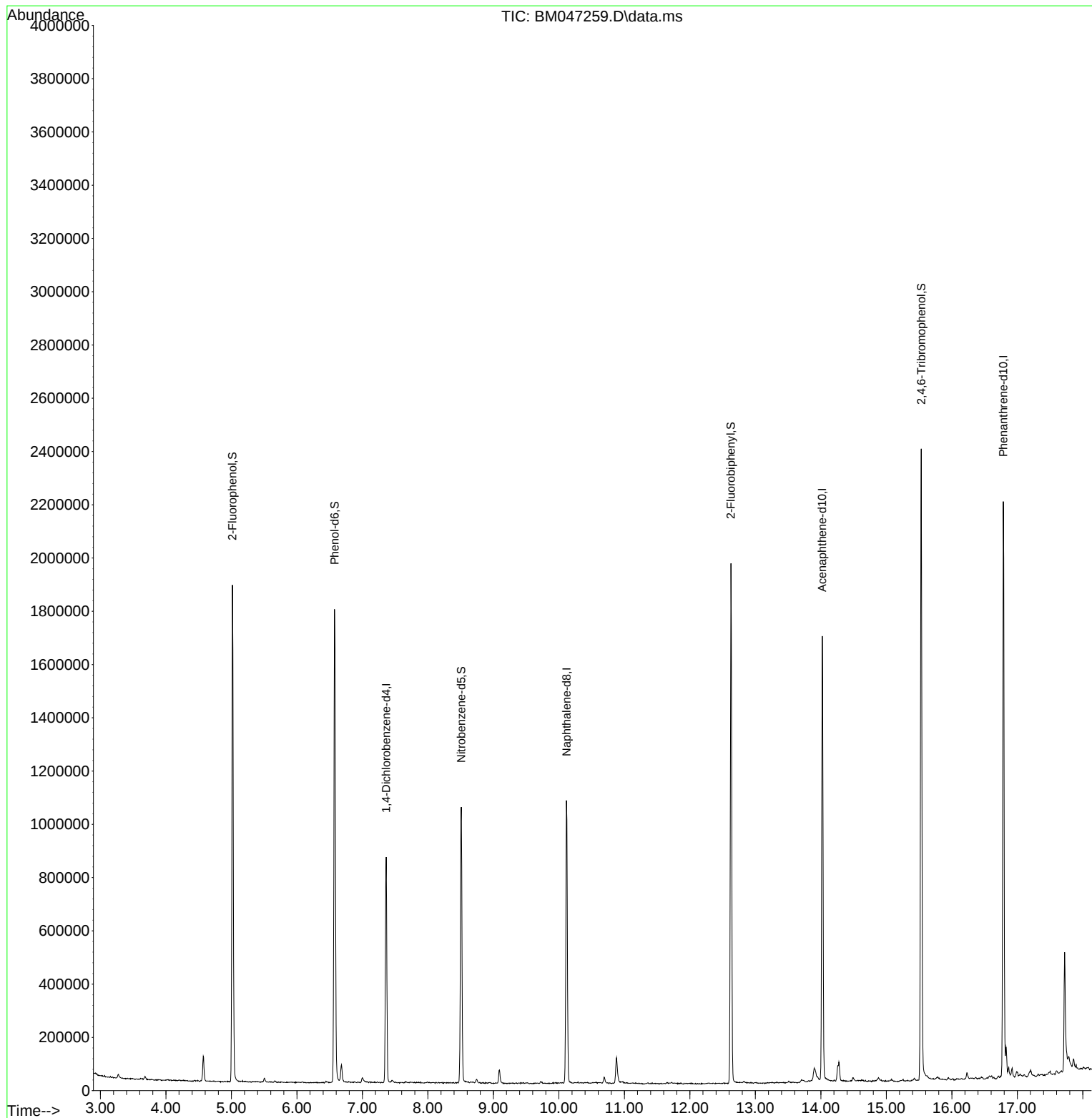
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
Data File : BM047259.D
Acq On : 19 Aug 2024 19:29
Operator : RC/JU
Sample : P3643-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
917-J-SD-0.5-1-081524

Quant Time: Aug 20 02:01:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



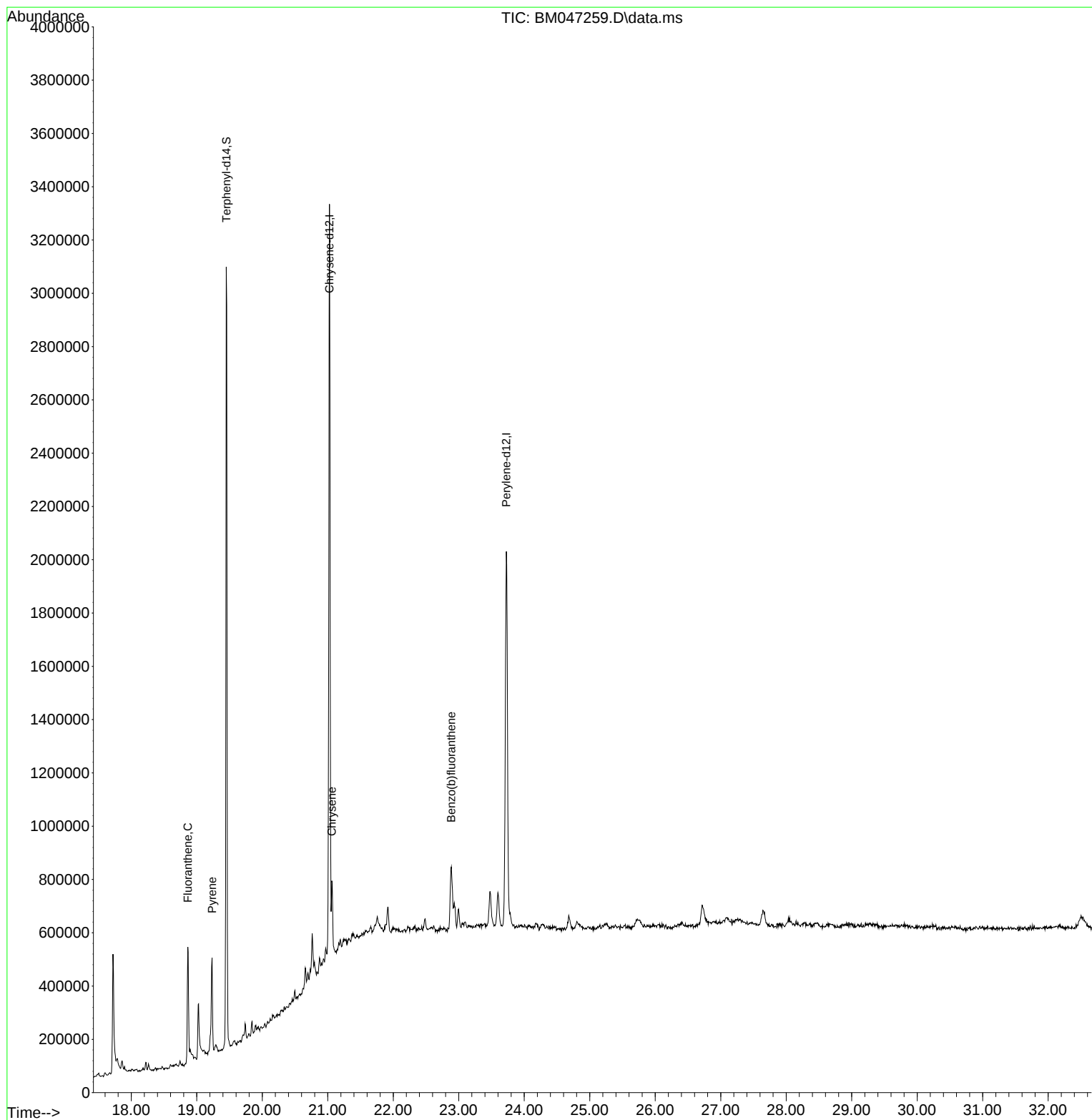
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
Data File : BM047259.D
Acq On : 19 Aug 2024 19:29
Operator : RC/JU
Sample : P3643-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

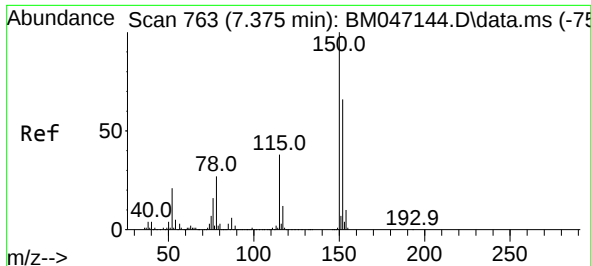
Instrument :
BNA_M
ClientSampleId :
917-J-SD-0.5-1-081524

Quant Time: Aug 20 02:01:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

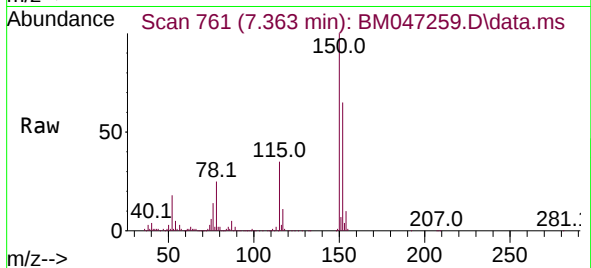
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047259.D
Acq: 19 Aug 2024 19:29

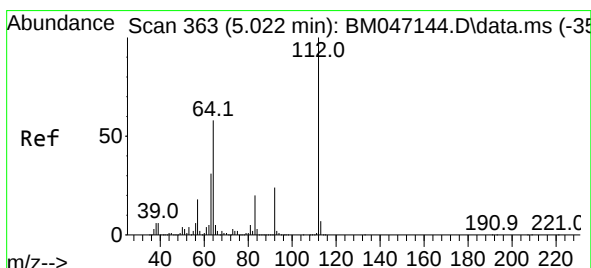
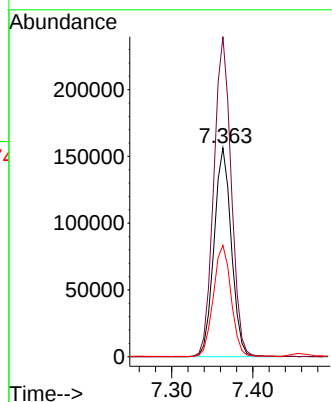
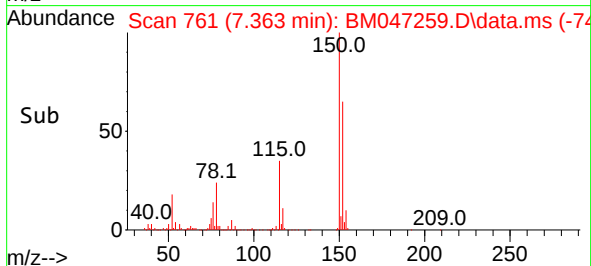
Instrument :
BNA_M
ClientSampleId :
917-J-SD-0.5-1-081524



Tgt Ion:152 Resp: 23144
Ion Ratio Lower Upper
152 100
150 153.3 120.5 180.7
115 53.3 45.5 68.3

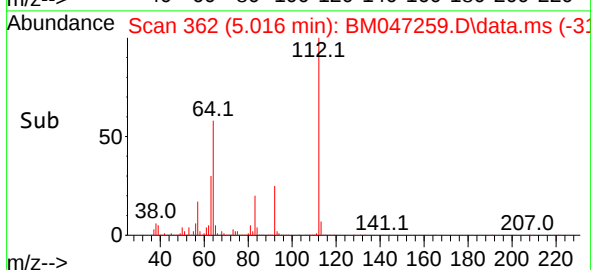
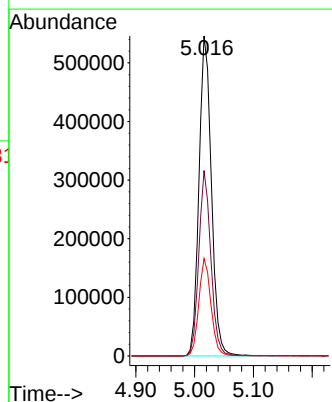
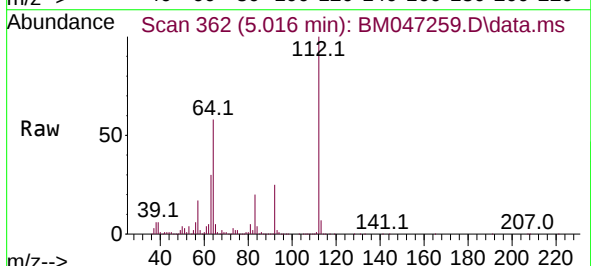
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#5
2-Fluorophenol
Concen: 61.905 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047259.D
Acq: 19 Aug 2024 19:29

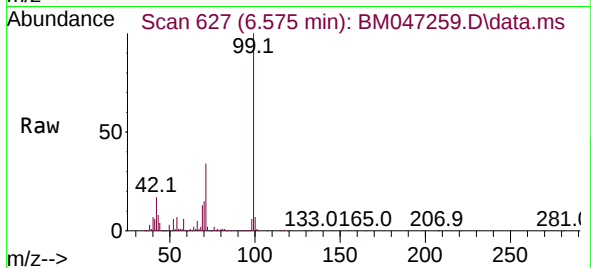
Tgt Ion:112 Resp: 801836
Ion Ratio Lower Upper
112 100
64 58.0 46.7 70.1
63 30.5 24.8 37.2





#7
Phenol-d6
Concen: 58.462 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047259.D
Acq: 19 Aug 2024 19:29

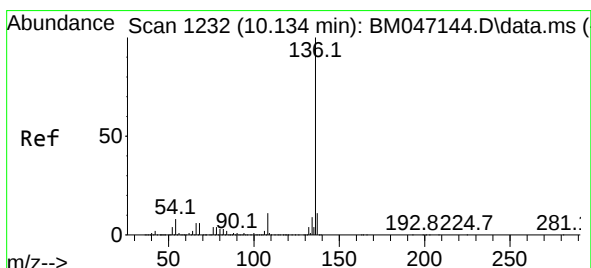
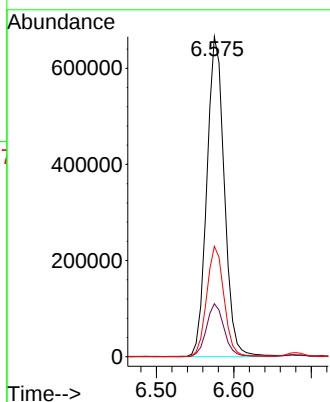
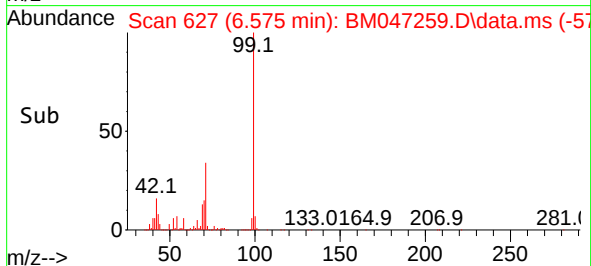
Instrument :
BNA_M
ClientSampleId :
917-J-SD-0.5-1-081524



Tgt Ion: 99 Resp: 104339
Ion Ratio Lower Upper
99 100
42 16.6 14.1 21.1
71 34.5 28.5 42.7

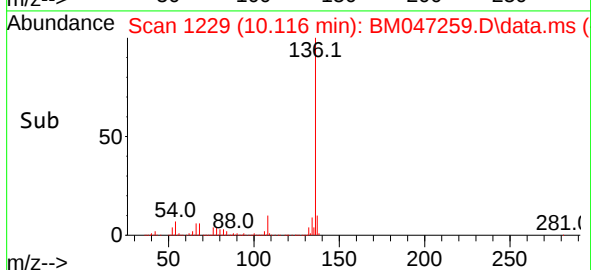
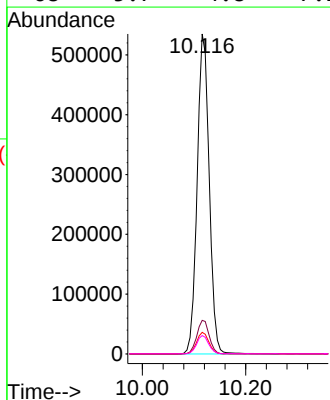
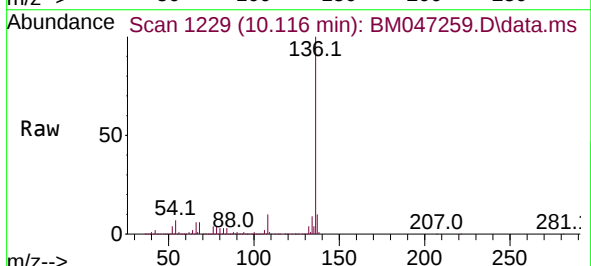
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047259.D
Acq: 19 Aug 2024 19:29

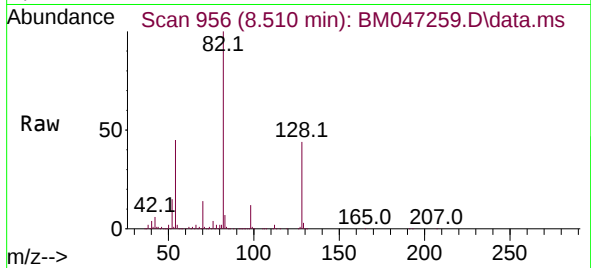
Tgt Ion:136 Resp: 865803
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.7 6.0 9.0
68 5.7 4.8 7.2





#23
Nitrobenzene-d5
Concen: 35.151 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047259.D
Acq: 19 Aug 2024 19:29

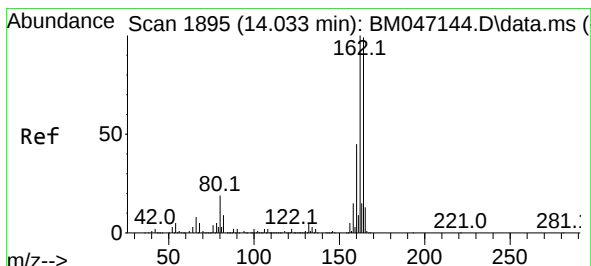
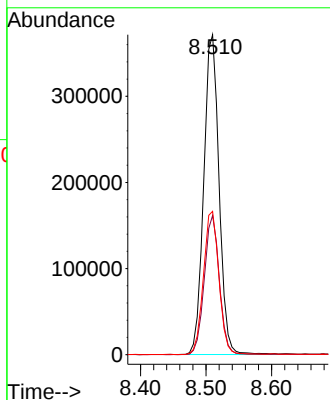
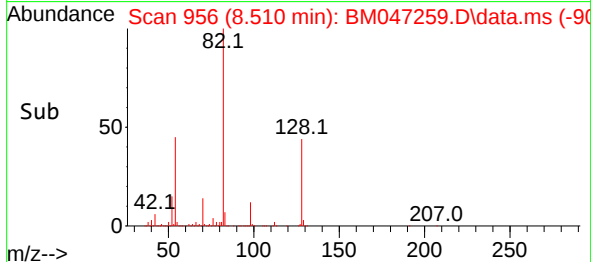
Instrument :
BNA_M
ClientSampleId :
917-J-SD-0.5-1-081524



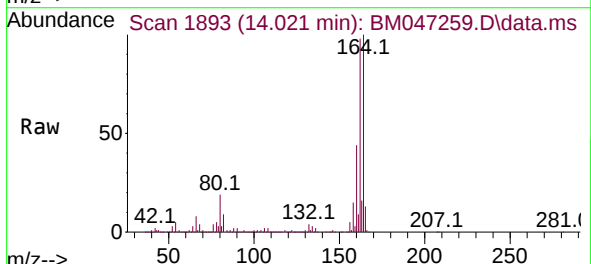
Tgt Ion: 82 Resp: 604410
Ion Ratio Lower Upper
82 100
128 43.5 32.3 48.5
54 44.8 37.4 56.2

Manual Integrations
APPROVED

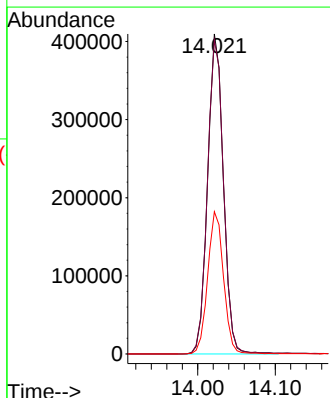
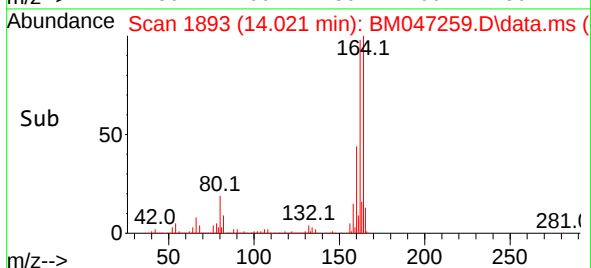
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.021 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047259.D
Acq: 19 Aug 2024 19:29



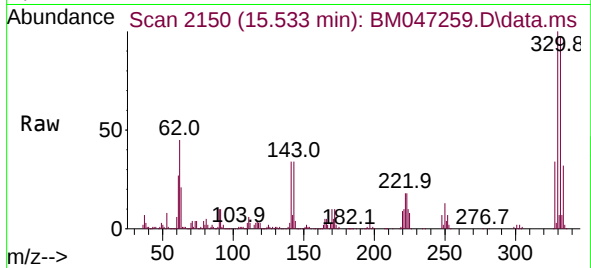
Tgt Ion:164 Resp: 578178
Ion Ratio Lower Upper
164 100
162 98.2 80.7 121.1
160 44.4 36.0 54.0





#42
2,4,6-Tribromophenol
Concen: 66.968 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047259.D
Acq: 19 Aug 2024 19:29

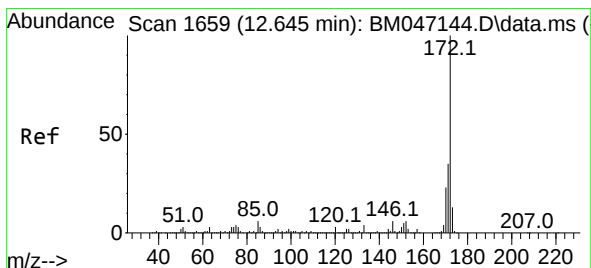
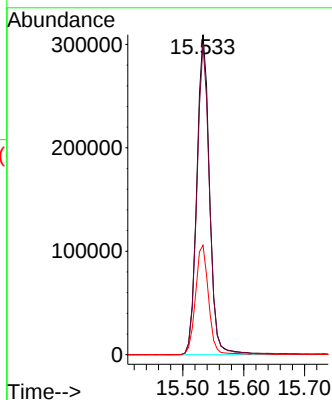
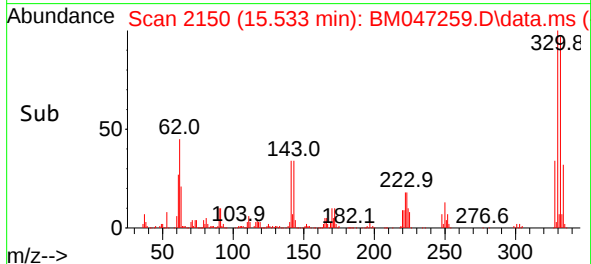
Instrument :
BNA_M
ClientSampleId :
917-J-SD-0.5-1-081524



Tgt Ion:330 Resp: 44895
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 35.1 31.6 47.4

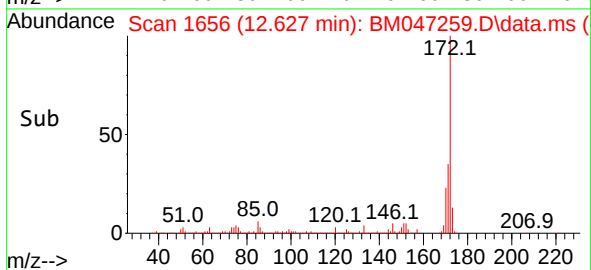
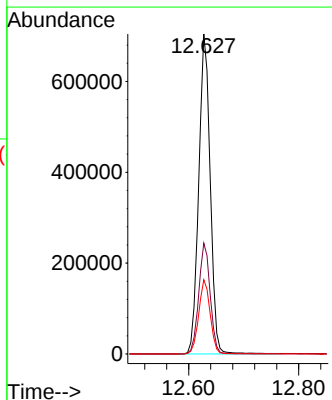
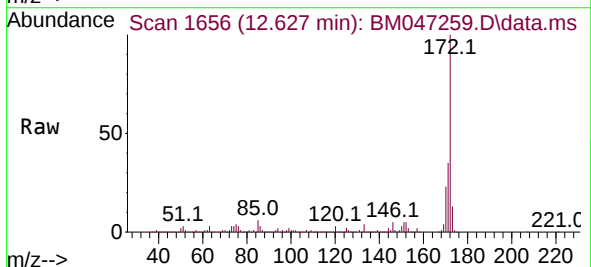
Manual Integrations
APPROVED

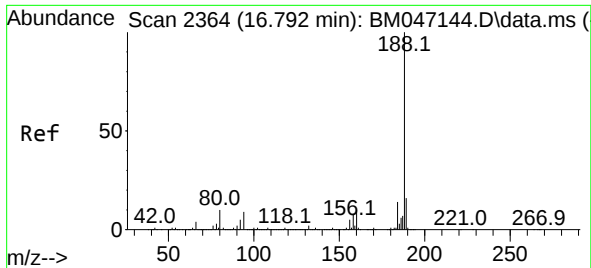
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#45
2-Fluorobiphenyl
Concen: 27.302 ng
RT: 12.627 min Scan# 1656
Delta R.T. -0.018 min
Lab File: BM047259.D
Acq: 19 Aug 2024 19:29

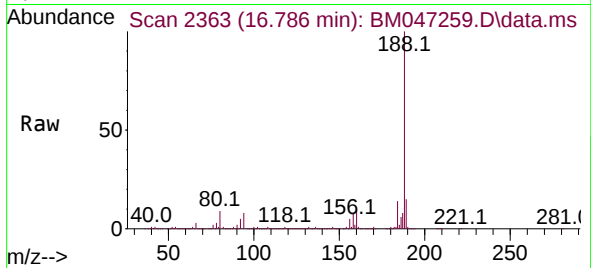
Tgt Ion:172 Resp: 1023340
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047259.D
Acq: 19 Aug 2024 19:29

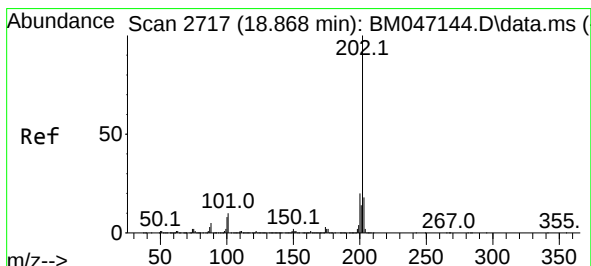
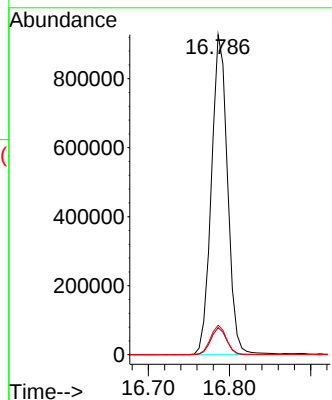
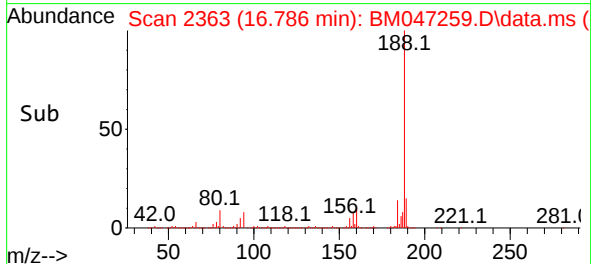
Instrument :
BNA_M
ClientSampleId :
917-J-SD-0.5-1-081524



Tgt Ion:188 Resp: 1281518
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.2 8.0 12.0

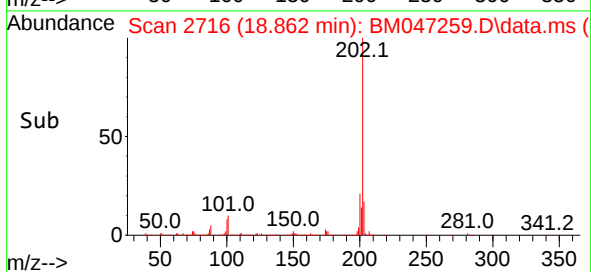
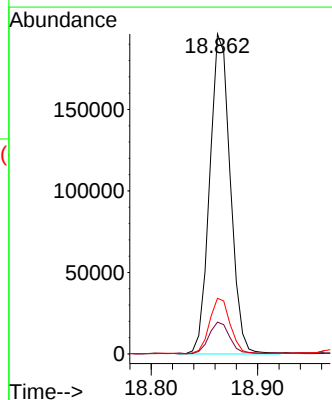
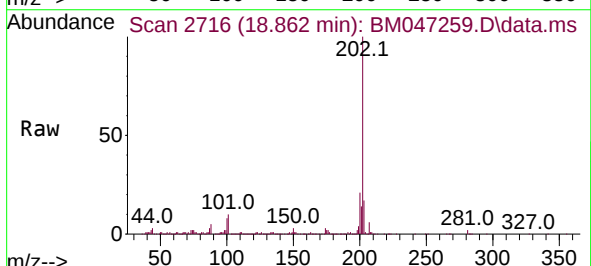
Manual Integrations
APPROVED

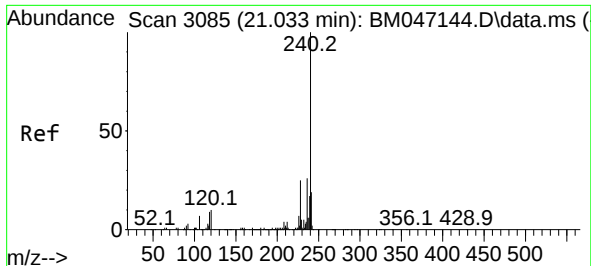
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#75
Fluoranthene
Concen: 3.374 ng
RT: 18.862 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BM047259.D
Acq: 19 Aug 2024 19:29

Tgt Ion:202 Resp: 263940
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.2
203 17.4 0.0 37.6





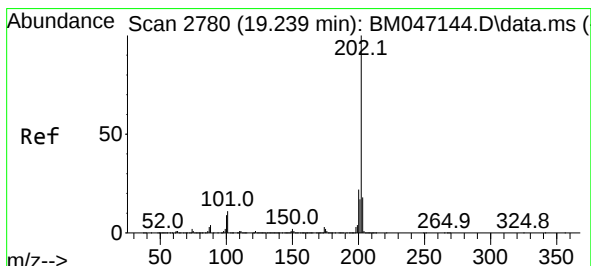
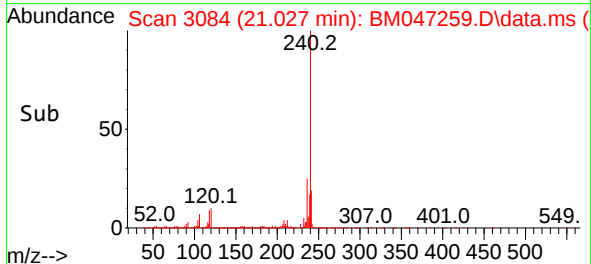
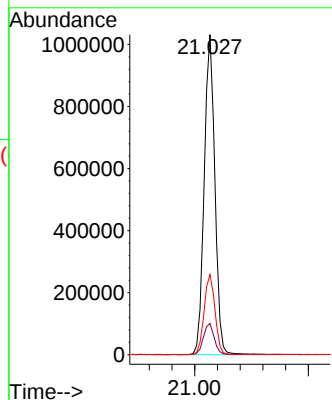
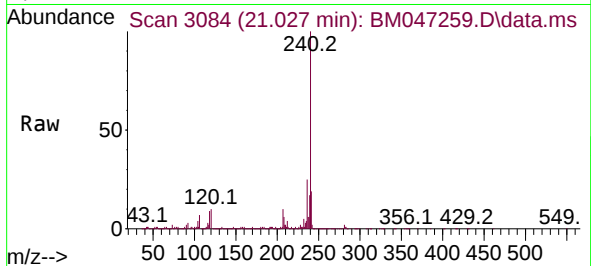
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047259.D
Acq: 19 Aug 2024 19:29

Instrument :
BNA_M
ClientSampleId :
917-J-SD-0.5-1-081524

Tgt Ion:240 Resp: 1341099
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 25.1 20.6 30.8

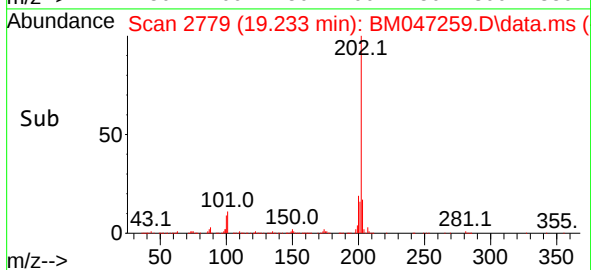
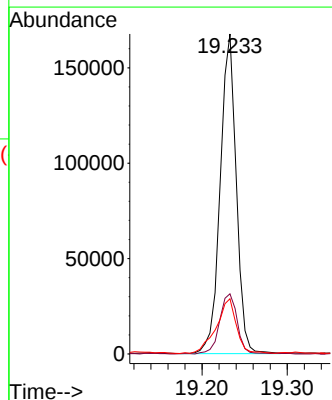
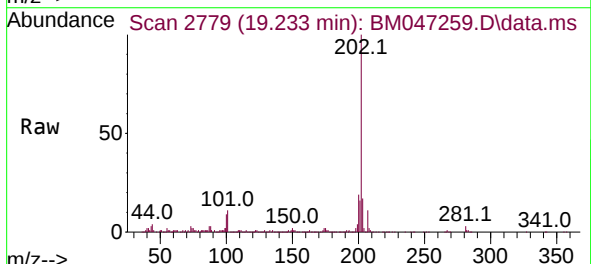
Manual Integrations
APPROVED

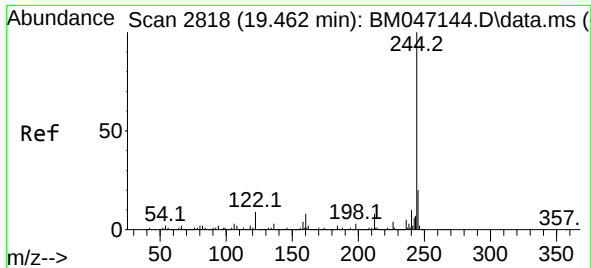
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#78
Pyrene
Concen: 2.298 ng
RT: 19.233 min Scan# 2779
Delta R.T. -0.006 min
Lab File: BM047259.D
Acq: 19 Aug 2024 19:29

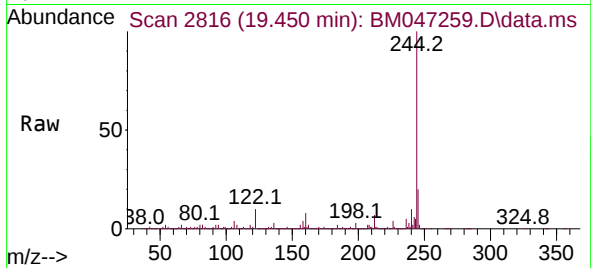
Tgt Ion:202 Resp: 220093
Ion Ratio Lower Upper
202 100
200 18.8 17.2 25.8
203 17.2 14.2 21.2





#79
 Terphenyl-d14
 Concen: 22.315 ng
 RT: 19.450 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047259.D
 Acq: 19 Aug 2024 19:29

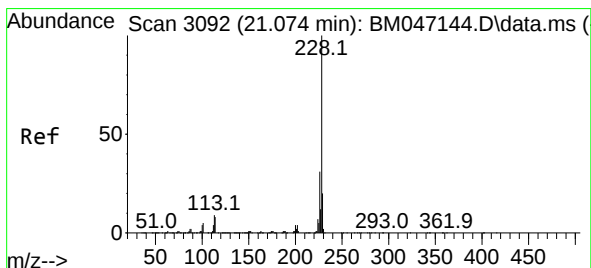
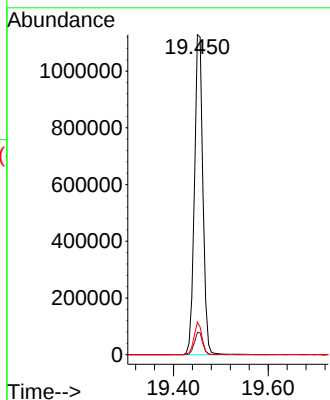
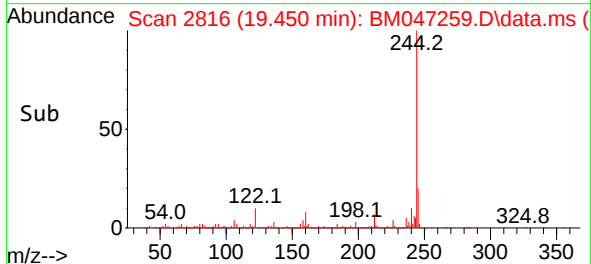
Instrument :
 BNA_M
 ClientSampleId :
 917-J-SD-0.5-1-081524



Tgt Ion:244 Resp: 139665
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 10.2 7.1 10.7

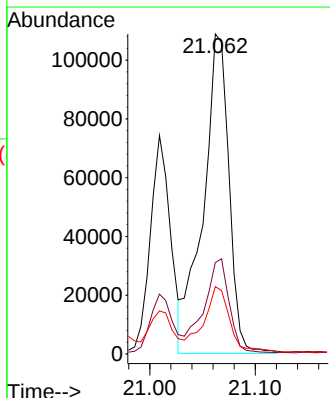
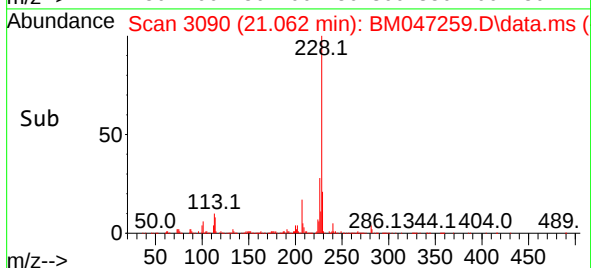
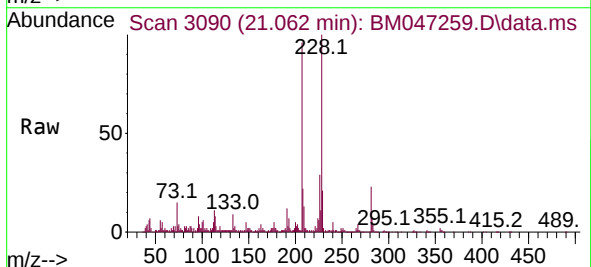
Manual Integrations
 APPROVED

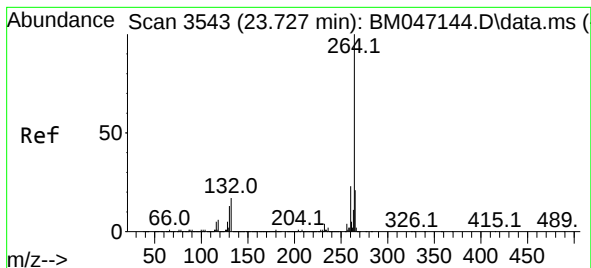
Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024



#83
 Chrysene
 Concen: 2.189 ng m
 RT: 21.062 min Scan# 3090
 Delta R.T. -0.012 min
 Lab File: BM047259.D
 Acq: 19 Aug 2024 19:29

Tgt Ion:228 Resp: 184911
 Ion Ratio Lower Upper
 228 100
 226 28.5 24.4 36.6
 229 21.0 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM047259.D

Acq: 19 Aug 2024 19:29

Instrument :

BNA_M

ClientSampleId :

917-J-SD-0.5-1-081524

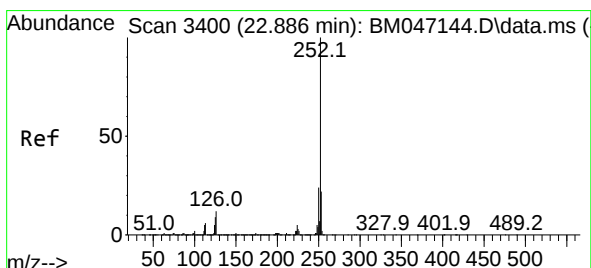
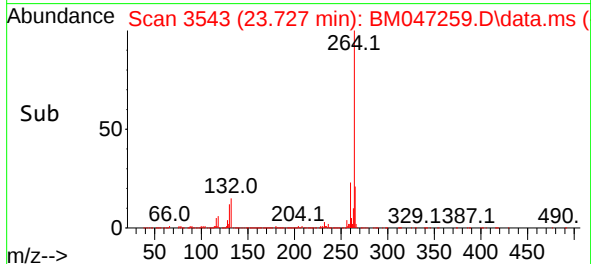
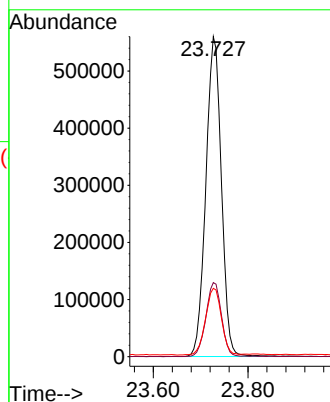
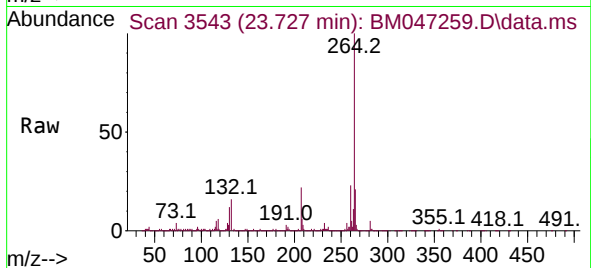
Tgt Ion:264 Resp: 127354

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.3	17.3	25.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#88

Benzo(b)fluoranthene

Concen: 3.186 ng

RT: 22.886 min Scan# 3400

Delta R.T. -0.000 min

Lab File: BM047259.D

Acq: 19 Aug 2024 19:29

Tgt Ion:252 Resp: 240965

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.8	7.4	11.0

