

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042429.D
 Acq On : 24 Oct 2023 20:56
 Operator : MA/JU
 Sample : 04981-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-10192023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2023
 Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 02:14:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	155940	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	656943	20.000	ng	0.00
39) Acenaphthene-d10	14.640	164	396116	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	826850	20.000	ng	0.00
76) Chrysene-d12	21.574	240	675151	20.000	ng	0.00
86) Perylene-d12	24.039	264	698437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	406118	36.807	ng	0.00
7) Phenol-d6	7.146	99	538624	36.427	ng	0.00
23) Nitrobenzene-d5	9.187	82	330925	22.275	ng	-0.01
42) 2,4,6-Tribromophenol	16.128	330	171179	45.591	ng	-0.01
45) 2-Fluorobiphenyl	13.257	172	715117	24.311	ng	-0.01
79) Terphenyl-d14	20.004	244	977556	25.679	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.445	202	138098	2.788	ng	98
78) Pyrene	19.810	202	188780	4.001	ng	98
83) Chrysene	21.610	228	97510m	2.243	ng	
84) Bis(2-ethylhexyl)phtha...	21.439	149	54106	5.023	ng #	90
88) Benzo(b)fluoranthene	23.280	252	101060	2.404	ng #	82

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

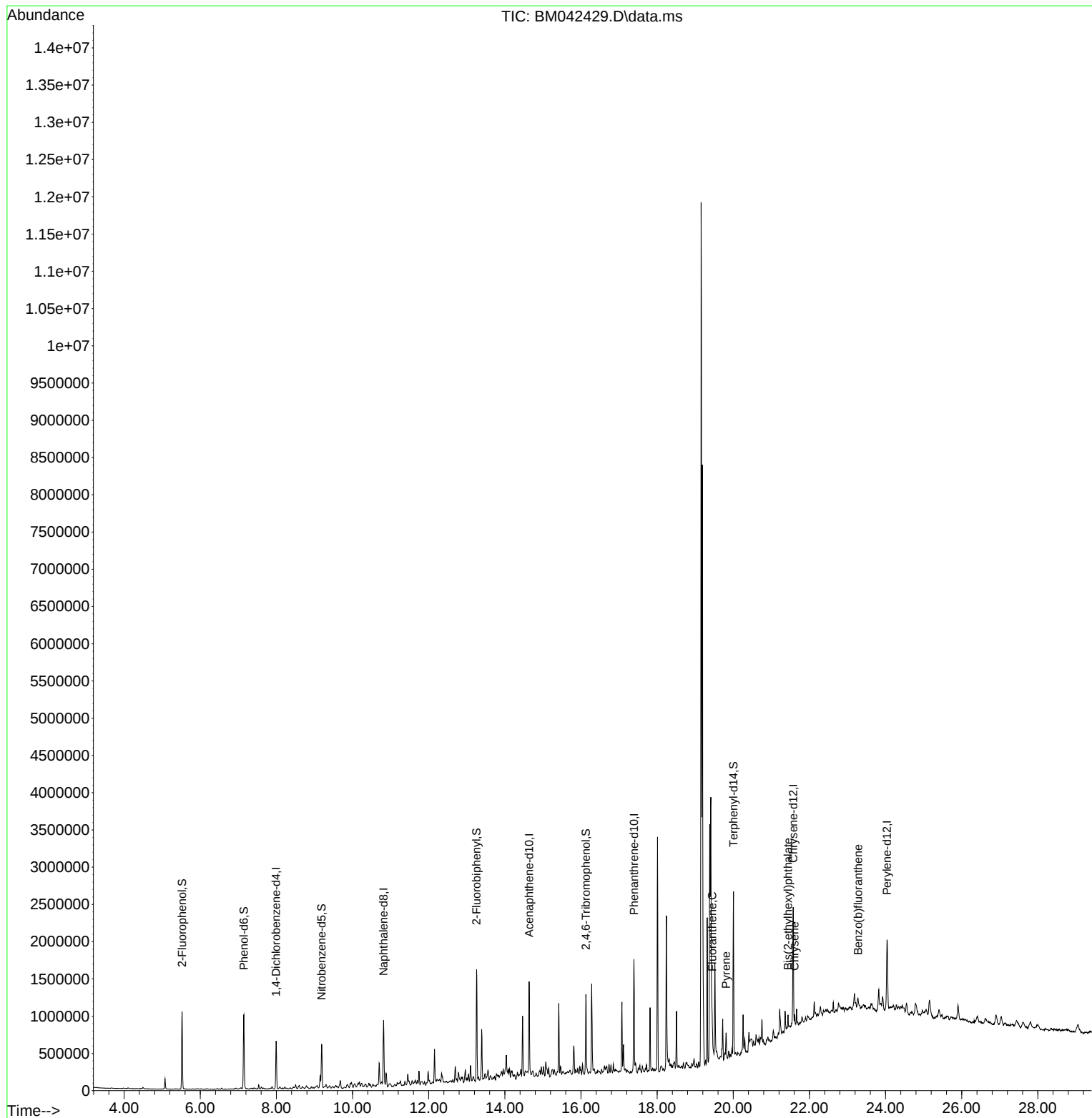
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
Data File : BM042429.D
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Operator : MA/JU
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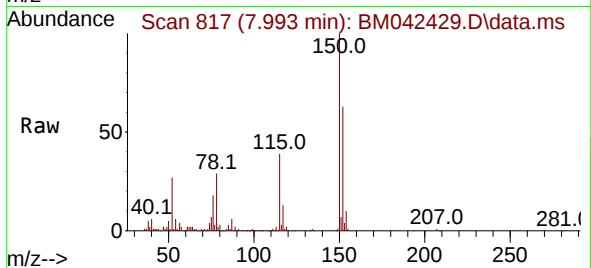
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 818
Delta R.T. -0.005 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56

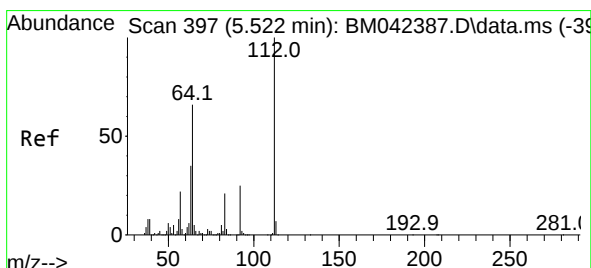
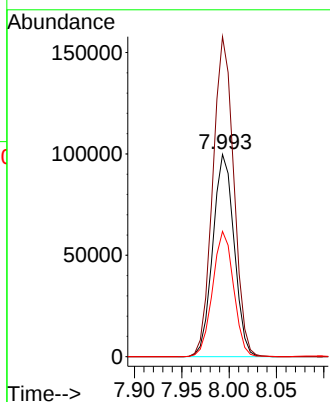
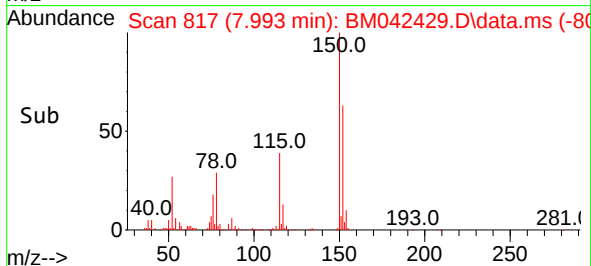
Instrument :
BNA_M
ClientSampleId :
TR-04-10192023



Tgt Ion:152 Resp: 155940
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.4
115 61.9 51.9 77.9

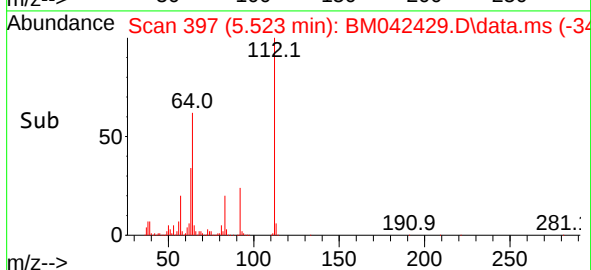
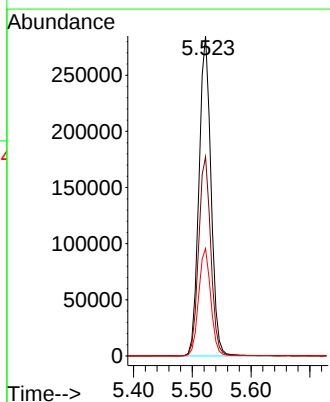
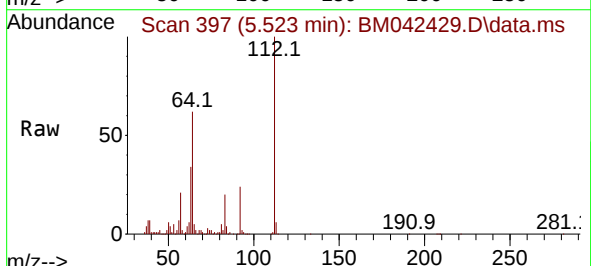
Manual Integrations
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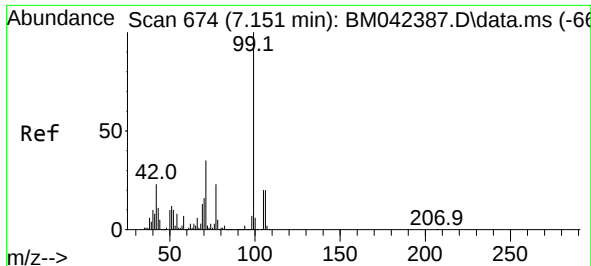
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#5
2-Fluorophenol
Concen: 36.807 ng
RT: 5.523 min Scan# 397
Delta R.T. 0.001 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56

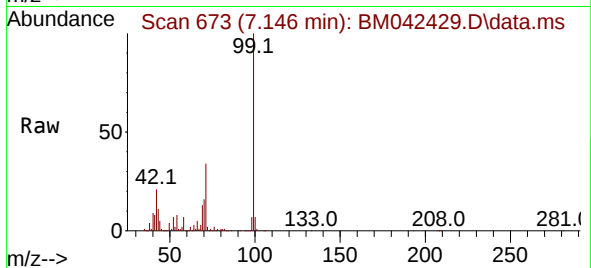
Tgt Ion:112 Resp: 406118
Ion Ratio Lower Upper
112 100
64 62.3 52.7 79.1
63 33.5 28.3 42.5





#7
Phenol-d6
Concen: 36.427 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56

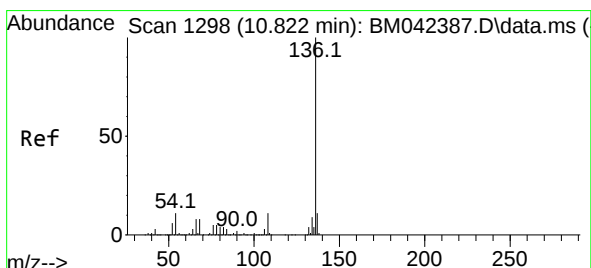
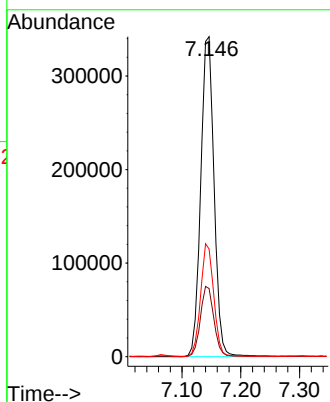
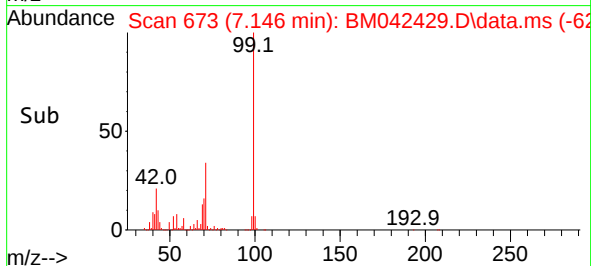
Instrument :
BNA_M
ClientSampleId :
TR-04-10192023



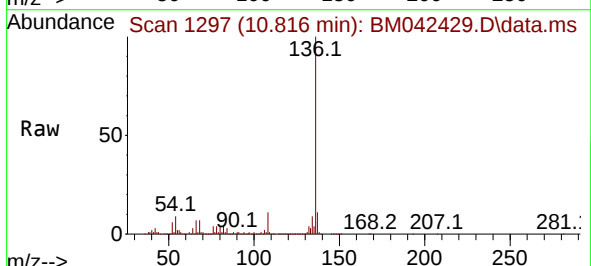
Tgt Ion: 99 Resp: 538624
Ion Ratio Lower Upper
99 100
42 21.3 18.5 27.7
71 33.6 27.7 41.5

Manual Integrations
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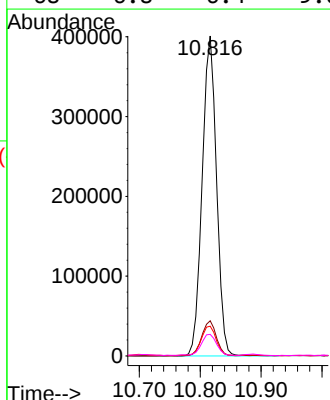
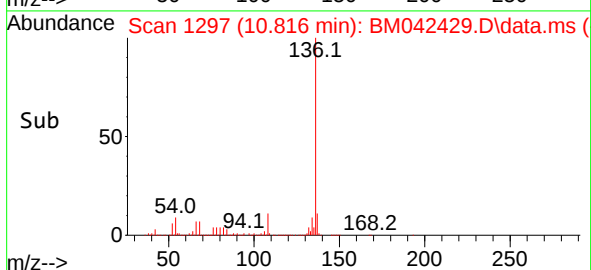
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

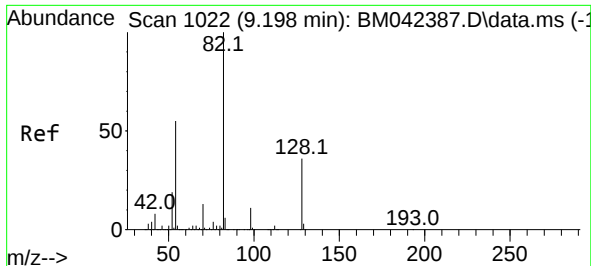


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.005 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56



Tgt Ion:136 Resp: 656943
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.3 8.6 12.8
68 6.8 6.4 9.6





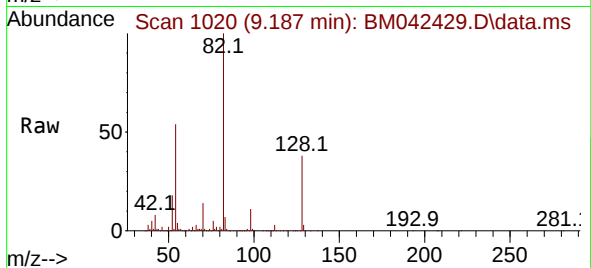
#23
Nitrobenzene-d5
Concen: 22.275 ng
RT: 9.187 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56

Instrument :

BNA_M

ClientSampleId :

TR-04-10192023



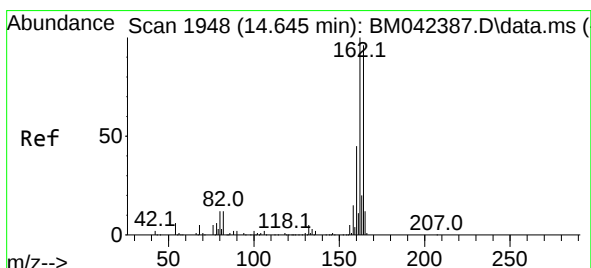
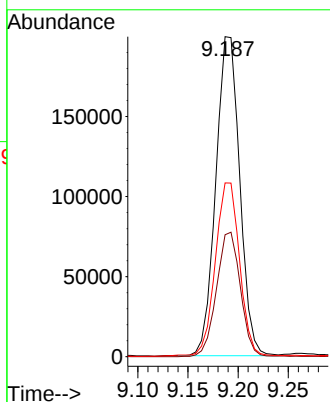
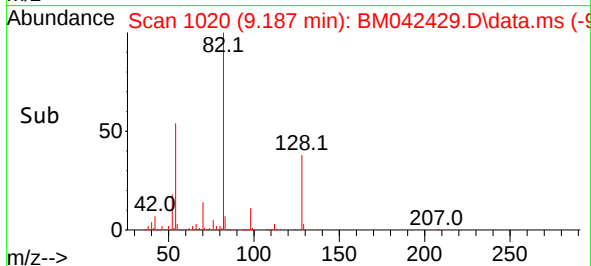
Tgt Ion: 82 Resp: 330925
Ion Ratio Lower Upper
82 100
128 38.1 29.0 43.6
54 54.3 43.7 65.5

Manual Integrations

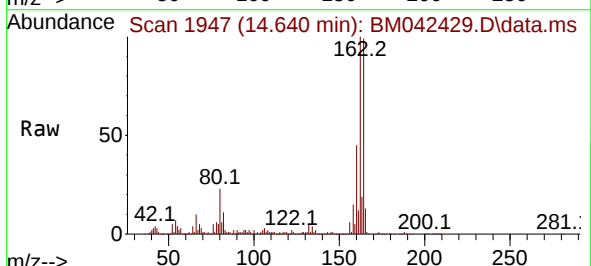
APPROVED

Reviewed By :Yogesh Patel 10/25/2023

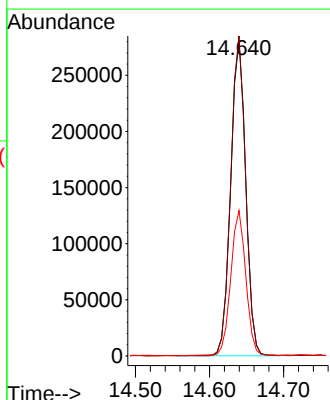
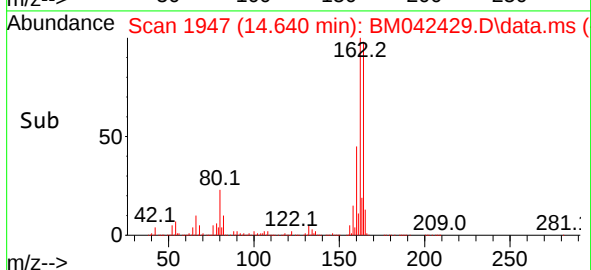
Supervised By :mohammad ahmed 10/25/2023

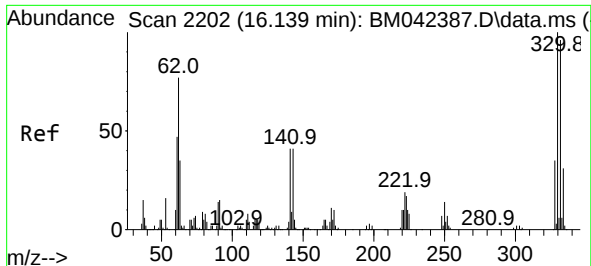


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.640 min Scan# 1947
Delta R.T. -0.005 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56



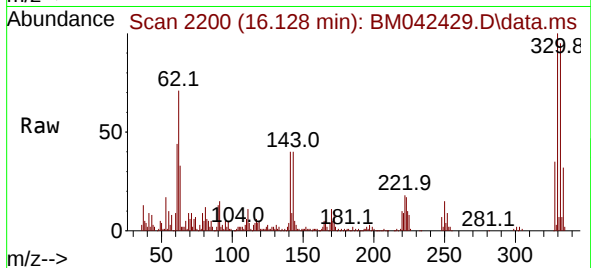
Tgt Ion:164 Resp: 396116
Ion Ratio Lower Upper
164 100
162 101.5 83.0 124.4
160 46.1 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 45.591 ng
RT: 16.128 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56

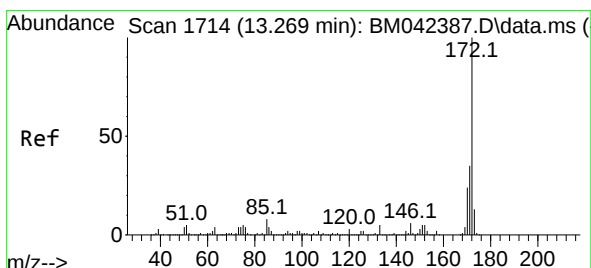
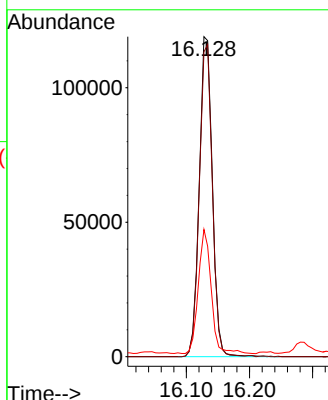
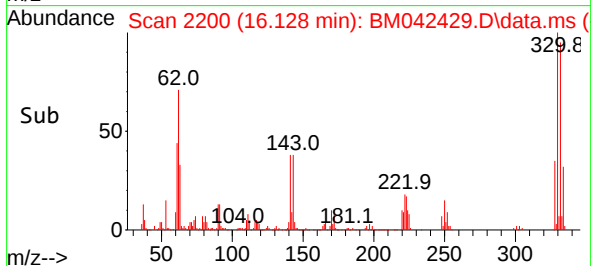
Instrument :
BNA_M
ClientSampleId :
TR-04-10192023



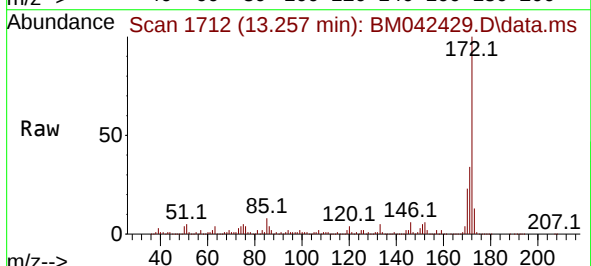
Tgt Ion:330 Resp: 171179
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 38.2 38.0 57.0

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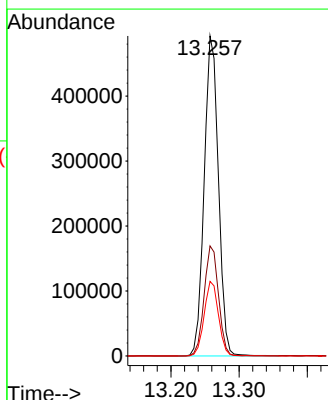
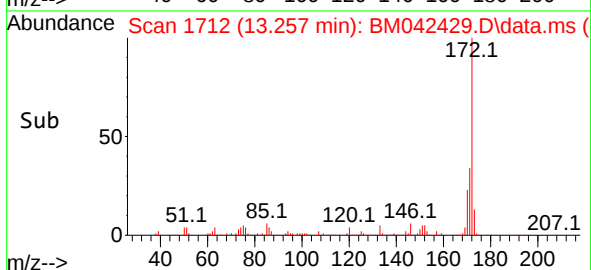
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

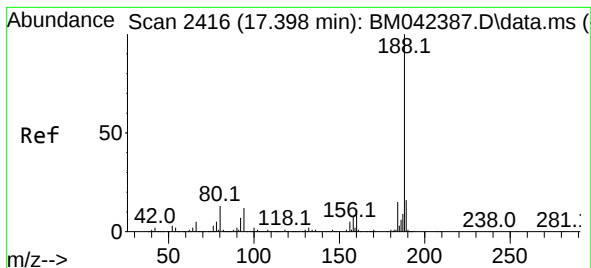


#45
2-Fluorobiphenyl
Concen: 24.311 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56



Tgt Ion:172 Resp: 715117
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2416

Delta R.T. -0.005 min

Lab File: BM042429.D

Acq: 24 Oct 2023 20:56

Instrument :

BNA_M

ClientSampleId :

TR-04-10192023

Tgt Ion:188 Resp: 826850

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.0

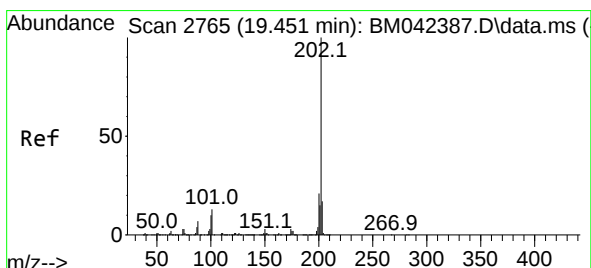
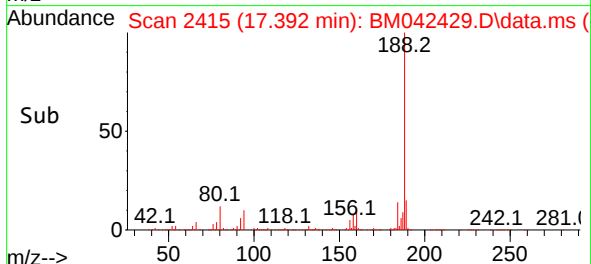
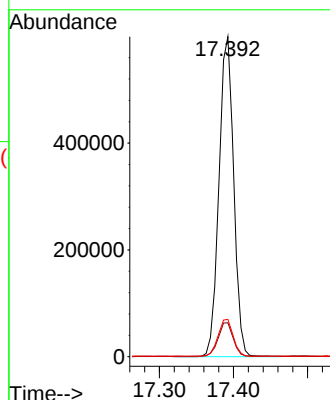
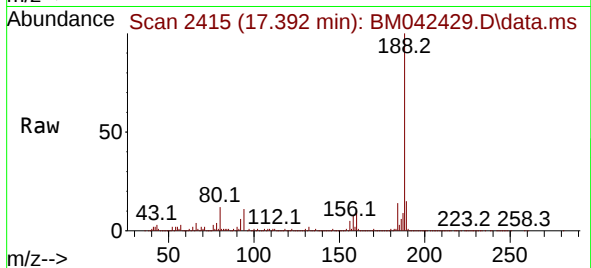
80 11.7 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/25/2023



#75

Fluoranthene

Concen: 2.788 ng

RT: 19.445 min Scan# 2764

Delta R.T. -0.005 min

Lab File: BM042429.D

Acq: 24 Oct 2023 20:56

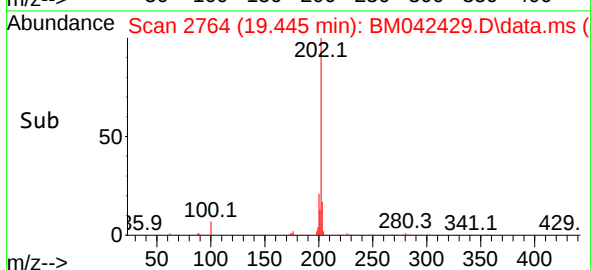
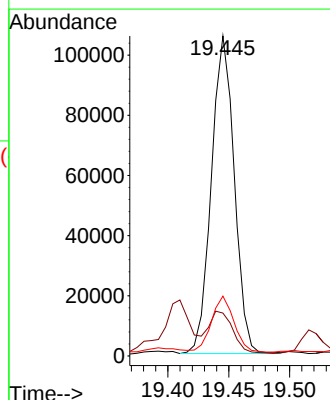
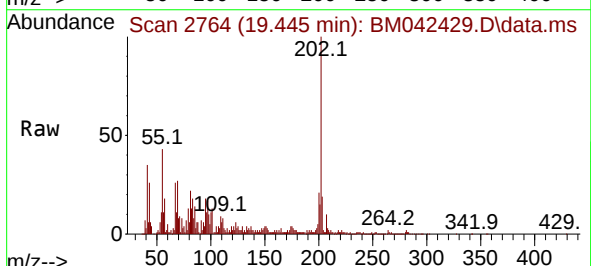
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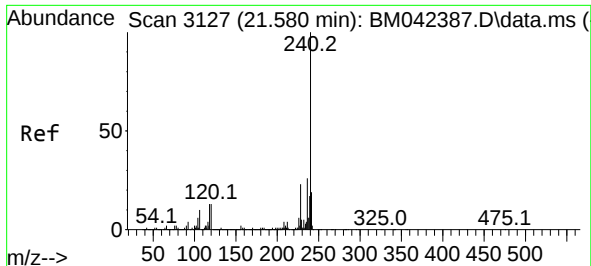
Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.3

203 18.7 0.0 37.5





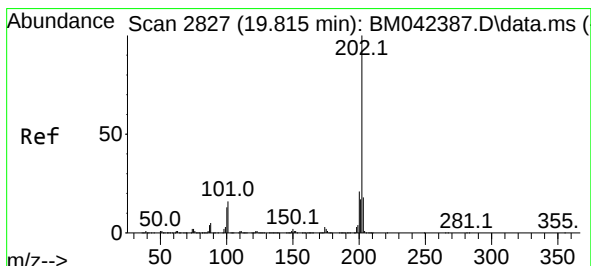
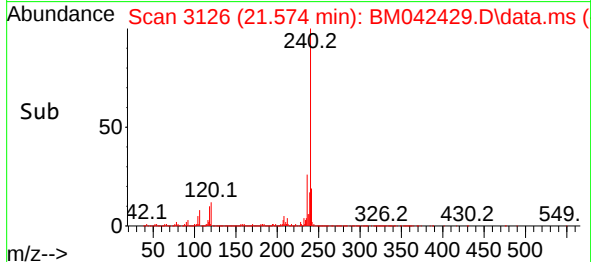
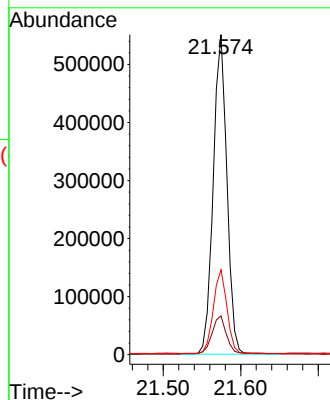
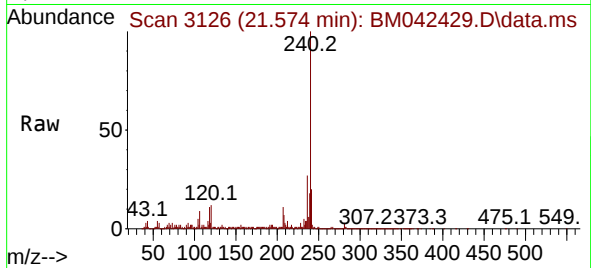
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56

Instrument :
BNA_M
ClientSampleId :
TR-04-10192023

Tgt Ion:240 Resp: 67515
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 26.6 20.7 31.1

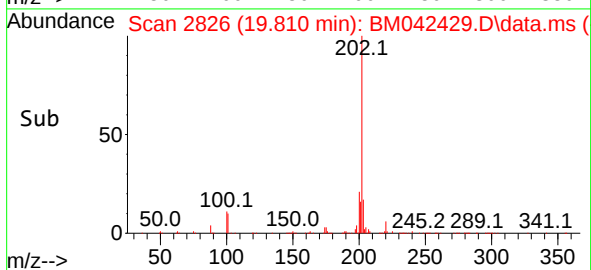
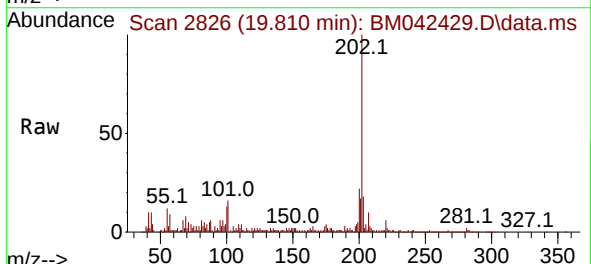
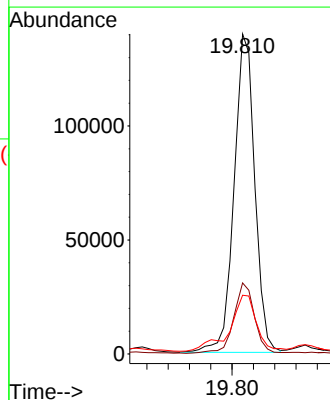
Manual Integrations
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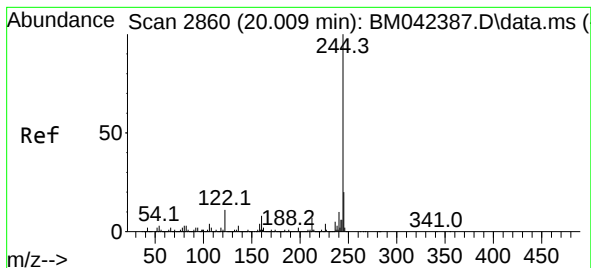
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#78
Pyrene
Concen: 4.001 ng
RT: 19.810 min Scan# 2826
Delta R.T. -0.005 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56

Tgt Ion:202 Resp: 188780
Ion Ratio Lower Upper
202 100
200 22.2 17.1 25.7
203 18.4 14.1 21.1





#79

Terphenyl-d14

Concen: 25.679 ng

RT: 20.004 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM042429.D

Acq: 24 Oct 2023 20:56

Instrument :

BNA_M

ClientSampleId :

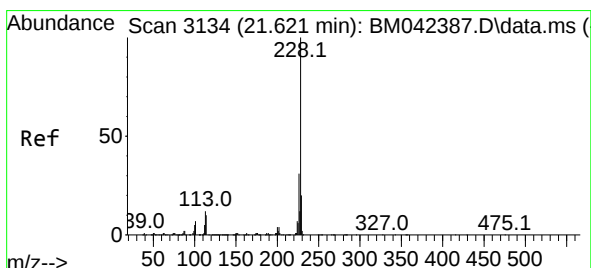
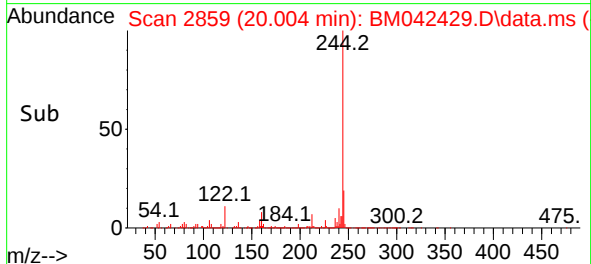
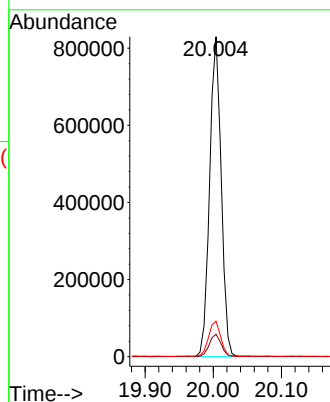
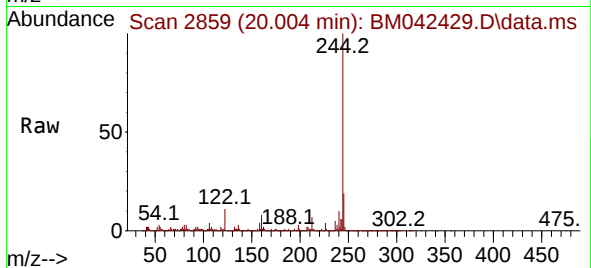
TR-04-10192023

Tgt Ion:244 Resp: 977550
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 8.8 13.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2023
 Supervised By :mohammad ahmed 10/25/2023



#83

Chrysene

Concen: 2.243 ng m

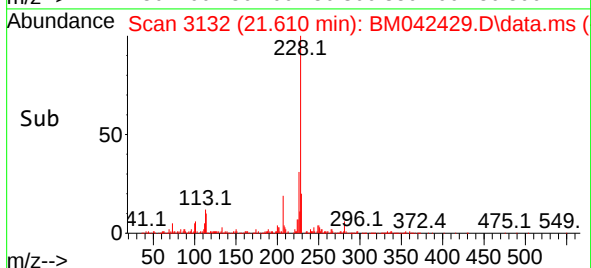
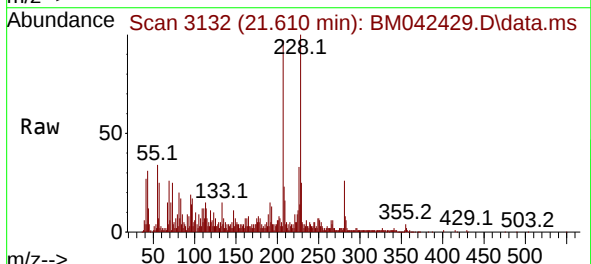
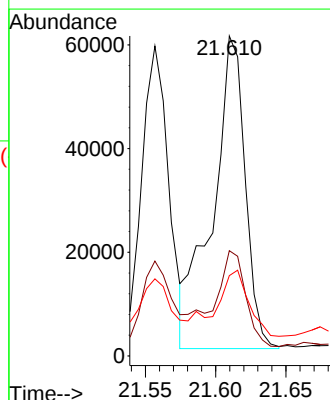
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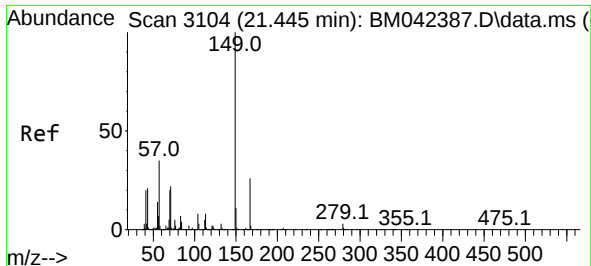
Delta R.T. -0.011 min

Lab File: BM042429.D

Acq: 24 Oct 2023 20:56

Tgt Ion:228 Resp: 97510
 Ion Ratio Lower Upper
 228 100
 226 32.9 24.6 36.8
 229 25.1 15.7 23.5#





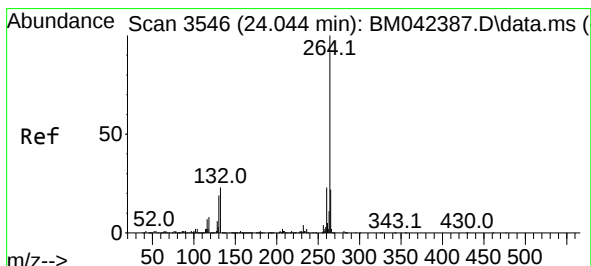
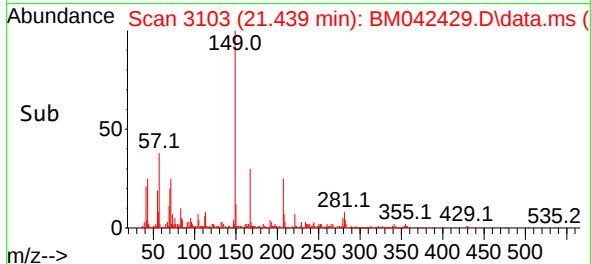
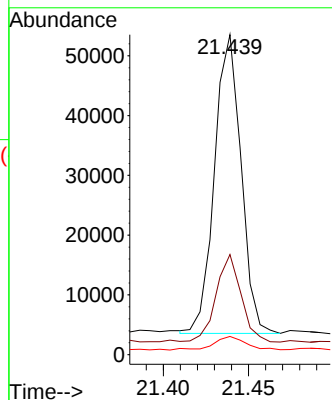
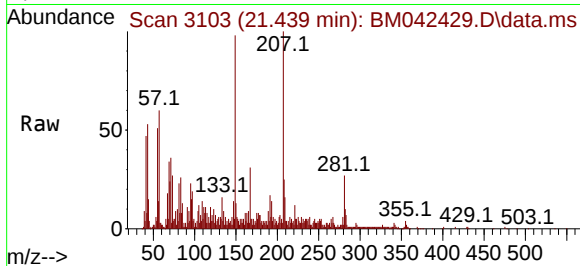
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.023 ng
RT: 21.439 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56

Instrument :
BNA_M
ClientSampleId :
TR-04-10192023

Tgt Ion:149 Resp: 54100
Ion Ratio Lower Upper
149 100
167 31.3 20.9 31.3
279 5.7 2.7 4.1

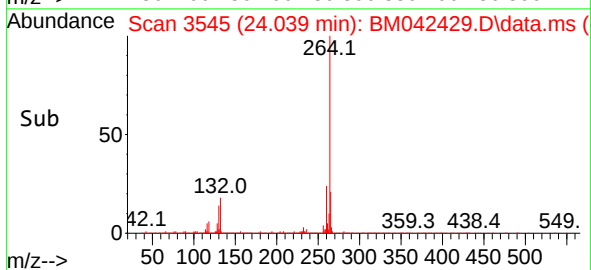
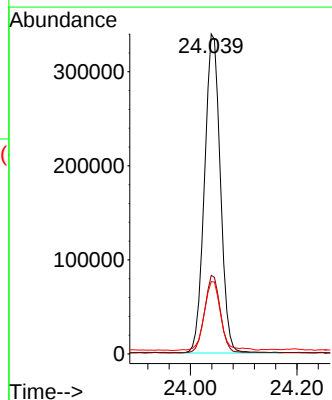
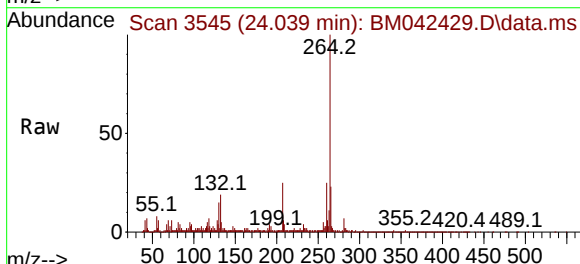
Manual Integrations
APPROVED

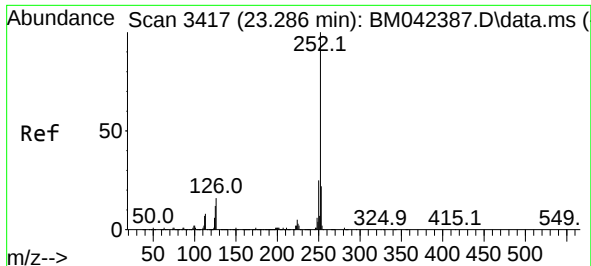
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.039 min Scan# 3545
Delta R.T. -0.005 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56

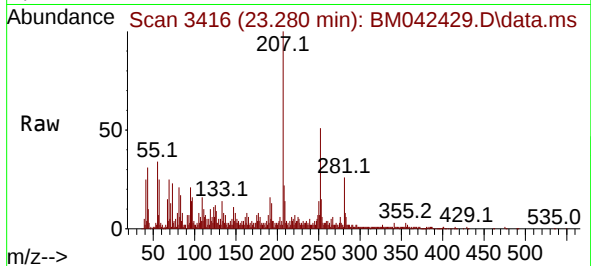
Tgt Ion:264 Resp: 698437
Ion Ratio Lower Upper
264 100
260 24.6 18.6 27.8
265 22.6 17.8 26.8





#88
Benzo(b)fluoranthene
Concen: 2.404 ng
RT: 23.280 min Scan# 3416
Delta R.T. -0.005 min
Lab File: BM042429.D
Acq: 24 Oct 2023 20:56

Instrument :
BNA_M
ClientSampleId :
TR-04-10192023



Tgt Ion:252 Resp: 101060
Ion Ratio Lower Upper
252 100
253 29.1 18.0 27.0
125 22.7 9.8 14.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

