

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
 Data File : BM047306.D
 Acq On : 21 Aug 2024 20:24
 Operator : RC/JU
 Sample : P3669-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20430

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

Quant Time: Aug 22 02:38:05 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	7.351	152	242108	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	884752	20.000	ng	-0.02
39) Acenaphthene-d10	14.015	164	553674	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1142163	20.000	ng	-0.01
76) Chrysene-d12	21.015	240	999648	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1048013	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1340190	98.911	ng	-0.01
7) Phenol-d6	6.569	99	1726389	92.468	ng	-0.02
23) Nitrobenzene-d5	8.498	82	1111167	63.239	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	715644	111.472	ng	-0.01
45) 2-Fluorobiphenyl	12.621	172	2466795	68.725	ng	-0.02
79) Terphenyl-d14	19.444	244	3686192	79.014	ng	-0.02
Target Compounds						Qvalue
37) 2-Methylnaphthalene	11.786	142	108368	3.453	ng	96
38) 1-Methylnaphthalene	12.010	142	219139	7.066	ng	# 99
58) Fluorene	15.074	166	98782	2.631	ng	# 80
71) Phenanthrene	16.821	178	228635m	3.989	ng	
78) Pyrene	19.221	202	234886	3.291	ng	97
84) Bis(2-ethylhexyl)phtha...	20.956	149	203594	4.928	ng	98

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

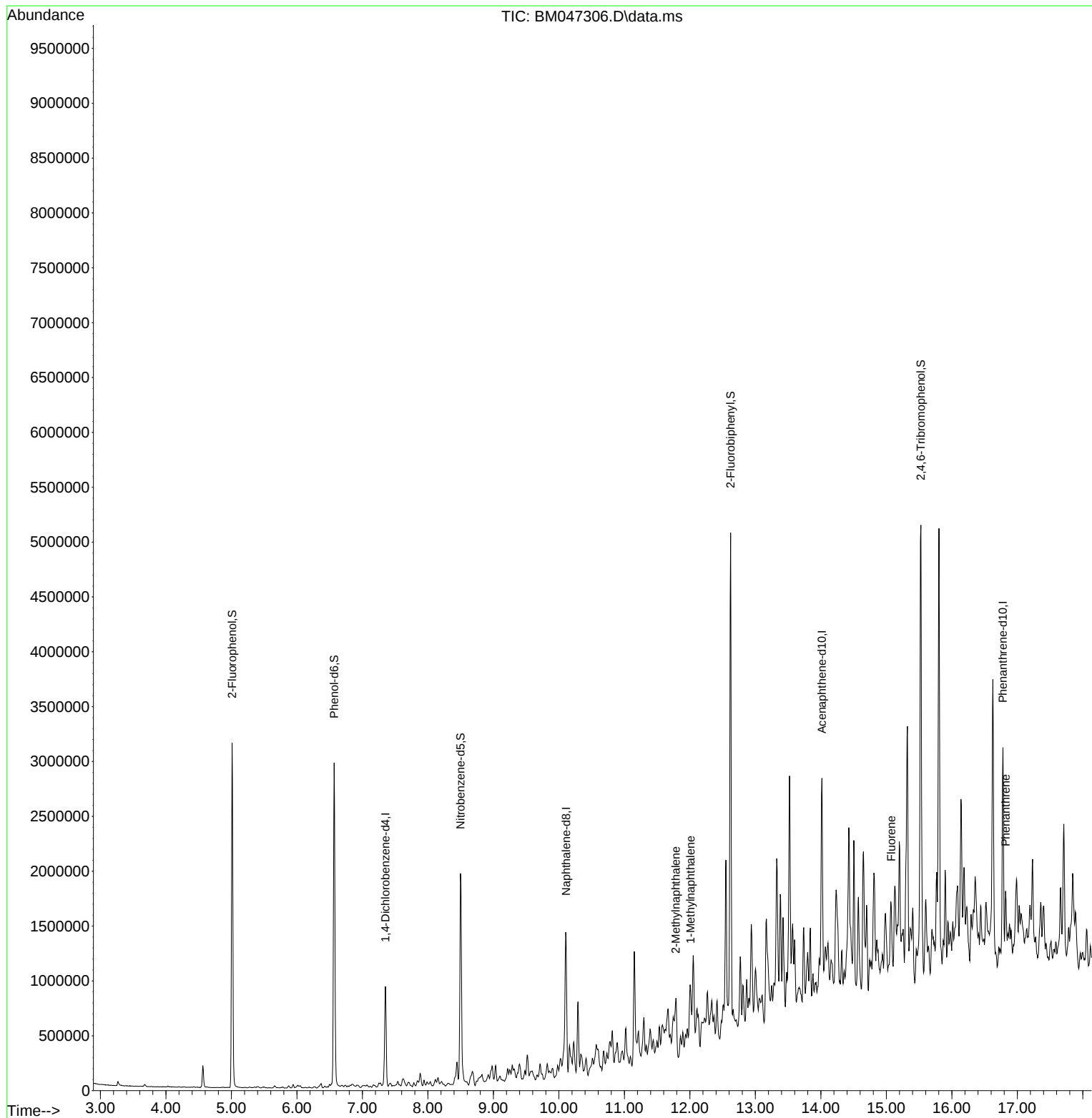
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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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



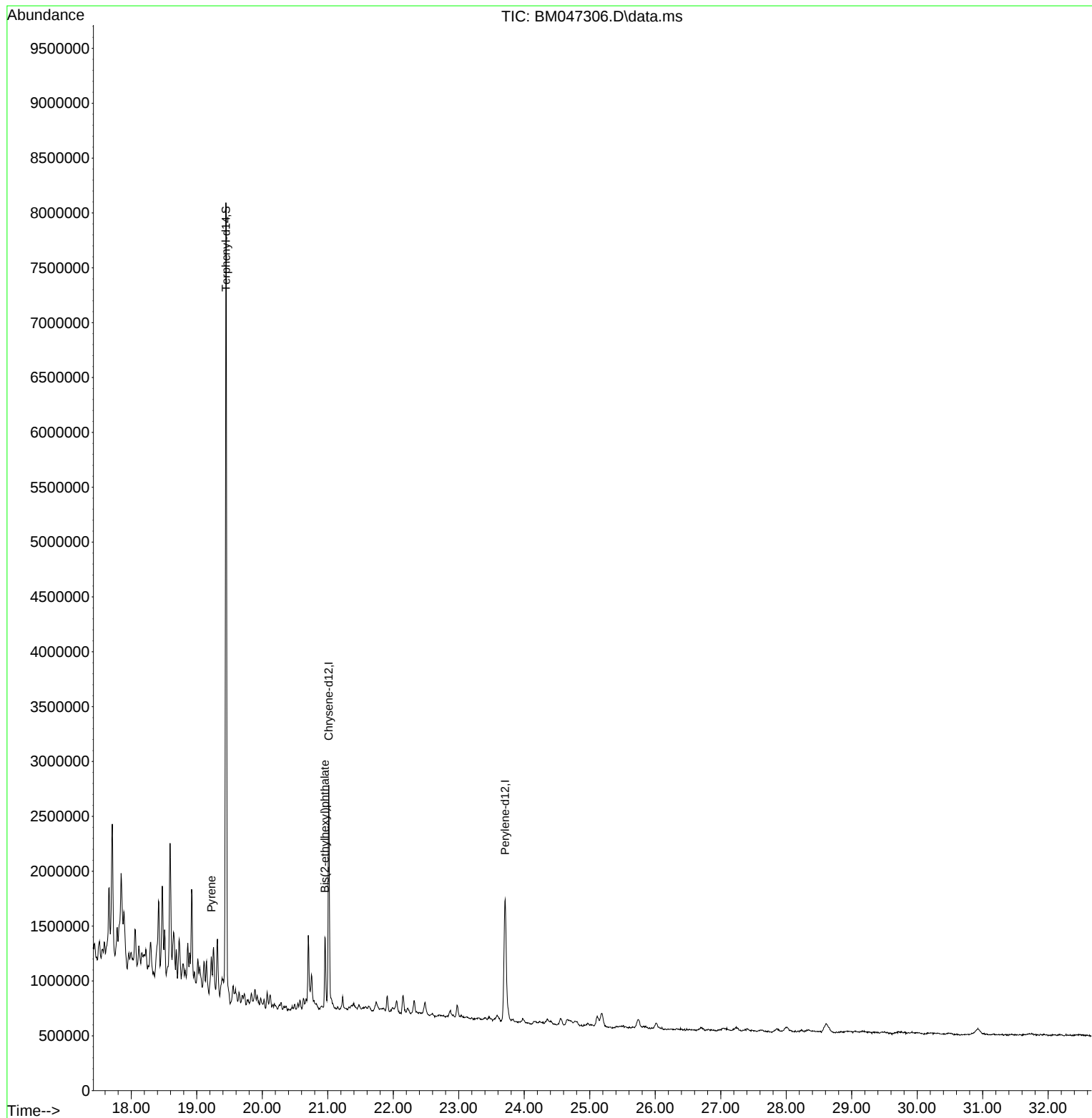
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Data File : BM047306.D
Acq On : 21 Aug 2024 20:24
Operator : RC/JU
Sample : P3669-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

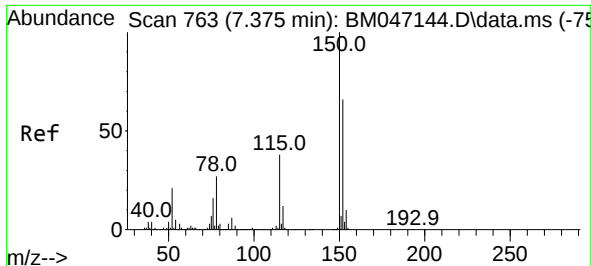
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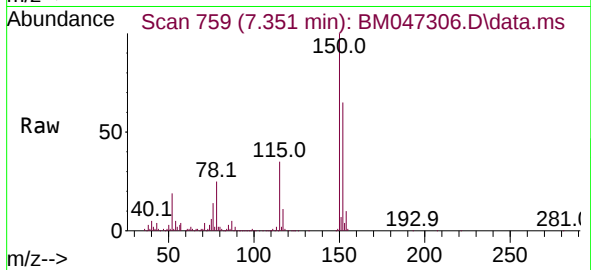
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 704
Delta R.T. -0.024 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

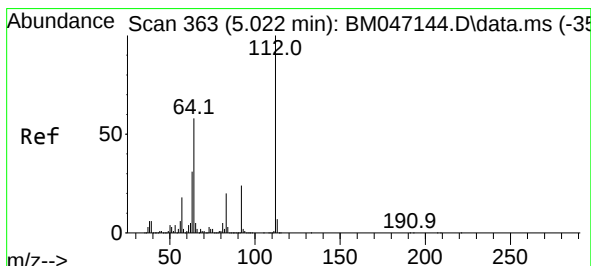
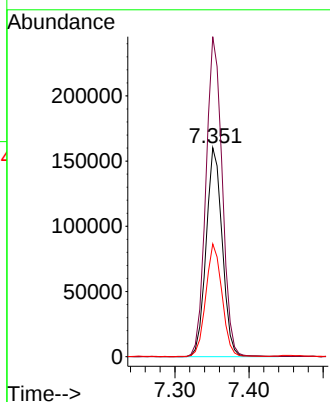
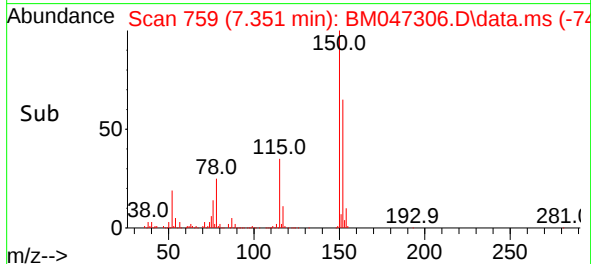
Instrument :
BNA_M
ClientSampleId :
20430



Tgt Ion:152 Resp: 242108
Ion Ratio Lower Upper
152 100
150 153.1 120.5 180.7
115 54.0 45.5 68.3

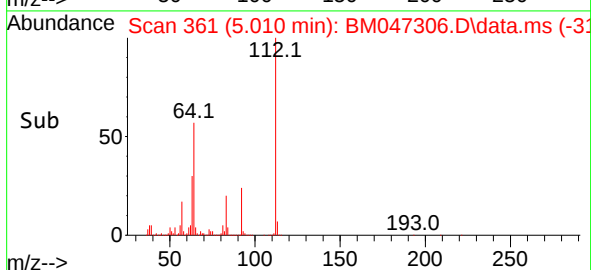
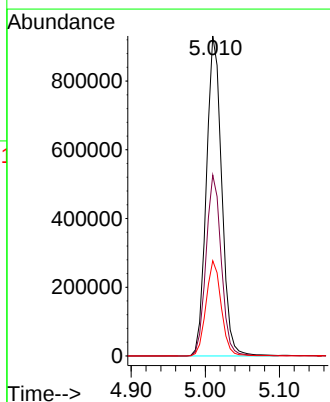
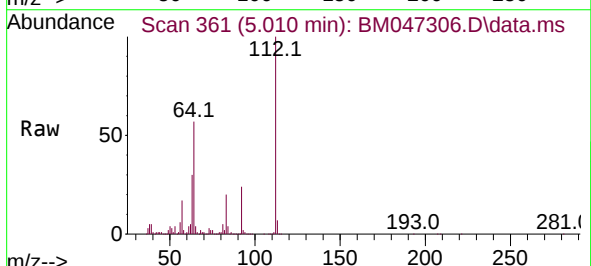
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Supervised By :mohammad ahmed 08/23/2024



#5
2-Fluorophenol
Concen: 98.911 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

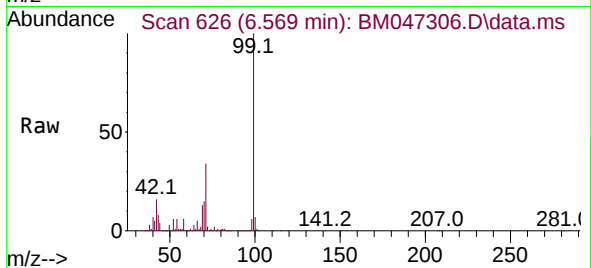
Tgt Ion:112 Resp: 1340190
Ion Ratio Lower Upper
112 100
64 56.6 46.7 70.1
63 29.7 24.8 37.2





#7
Phenol-d6
Concen: 92.468 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

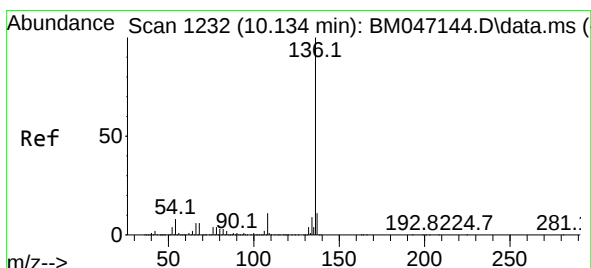
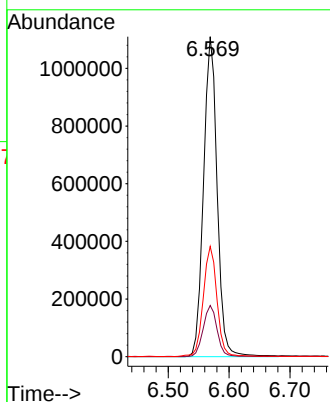
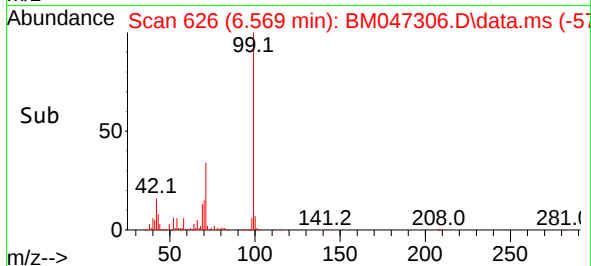
Instrument :
BNA_M
ClientSampleId :
20430



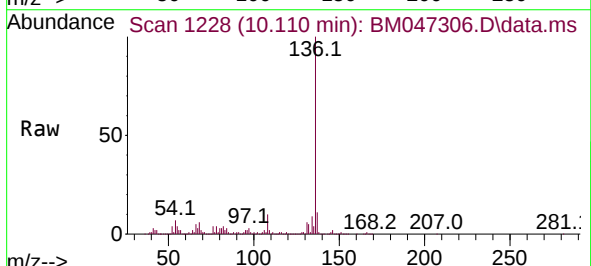
Tgt Ion: 99 Resp: 1726389
Ion Ratio Lower Upper
99 100
42 16.0 14.1 21.1
71 34.5 28.5 42.7

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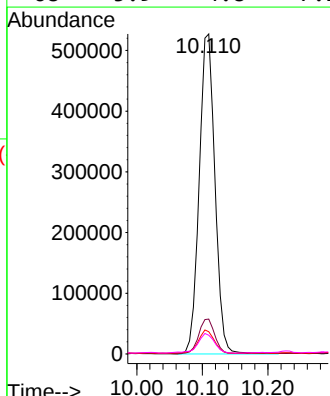
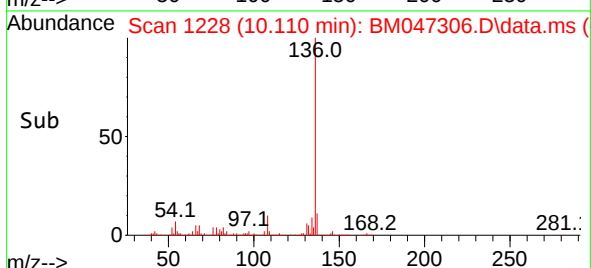
Reviewed By :Jagrut Upadhyay 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

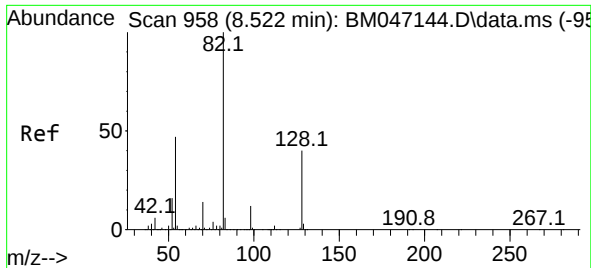


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1228
Delta R.T. -0.024 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24



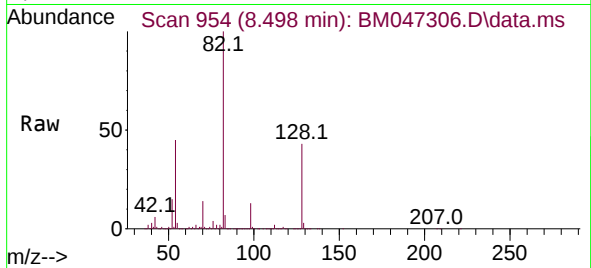
Tgt Ion:136 Resp: 884752
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.9 6.0 9.0
68 5.9 4.8 7.2





#23
Nitrobenzene-d5
Concen: 63.239 ng
RT: 8.498 min Scan# 911
Delta R.T. -0.024 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

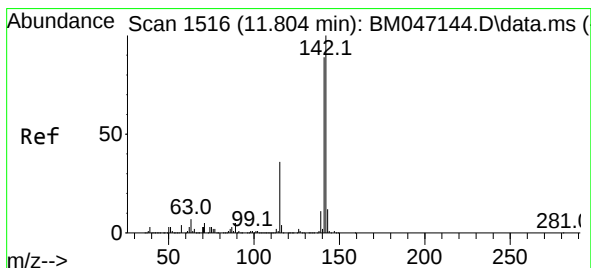
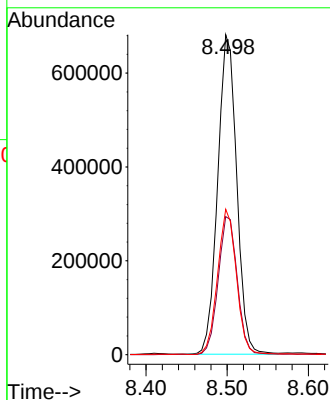
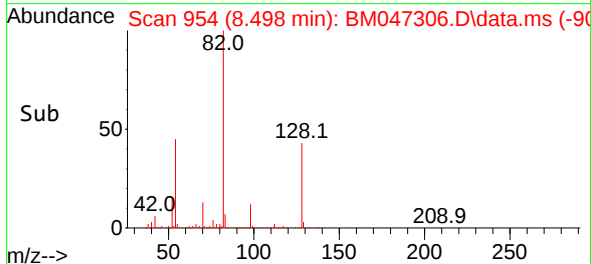
Instrument :
BNA_M
ClientSampleId :
20430



Tgt Ion: 82 Resp: 111116
Ion Ratio Lower Upper
82 100
128 43.1 32.3 48.5
54 45.4 37.4 56.2

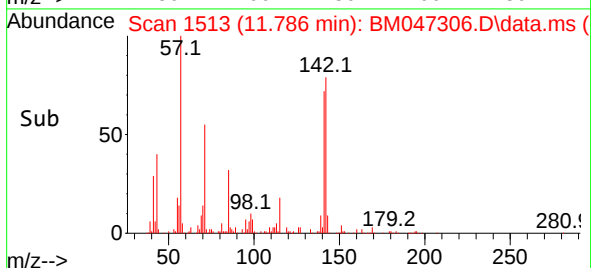
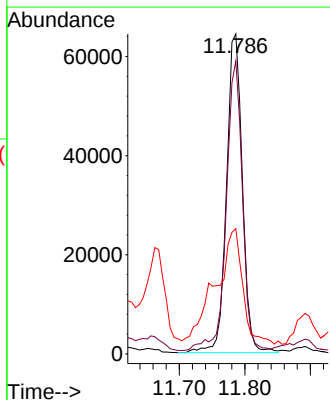
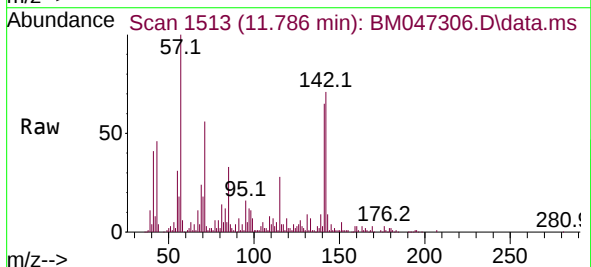
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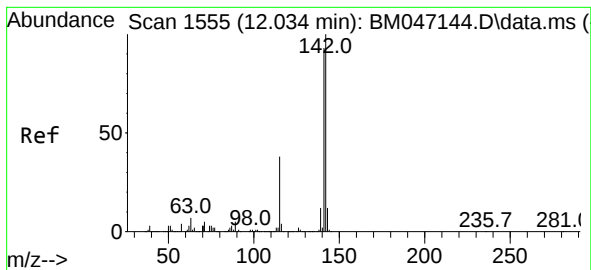
Reviewed By :Jagrut Upadhyay 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#37
2-Methylnaphthalene
Concen: 3.453 ng
RT: 11.786 min Scan# 1513
Delta R.T. -0.018 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

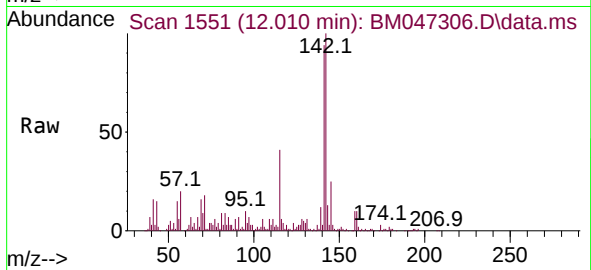
Tgt Ion:142 Resp: 108368
Ion Ratio Lower Upper
142 100
141 91.5 70.9 106.3
115 39.2 28.7 43.1





#38
1-Methylnaphthalene
Concen: 7.066 ng
RT: 12.010 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

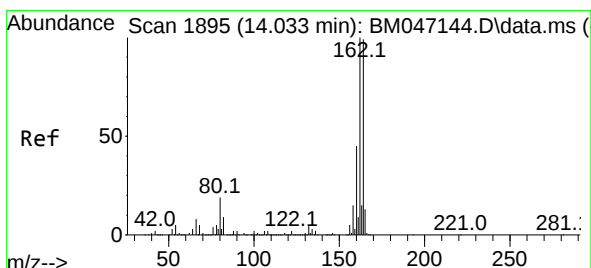
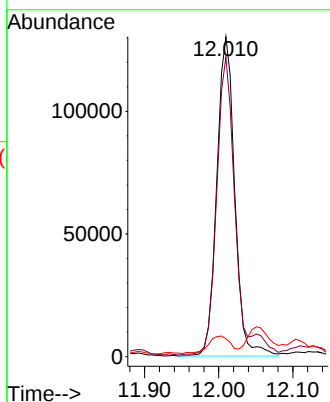
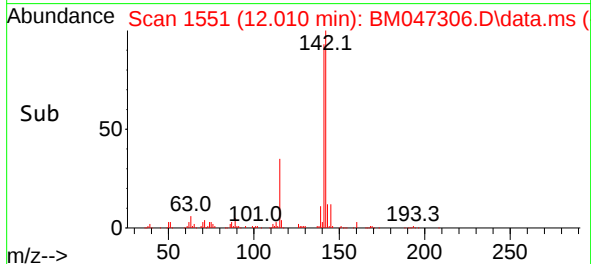
Instrument :
BNA_M
ClientSampleId :
20430



Tgt Ion:142 Resp: 219139
Ion Ratio Lower Upper
142 100
141 93.7 74.6 111.8
116 5.6 3.1 4.7

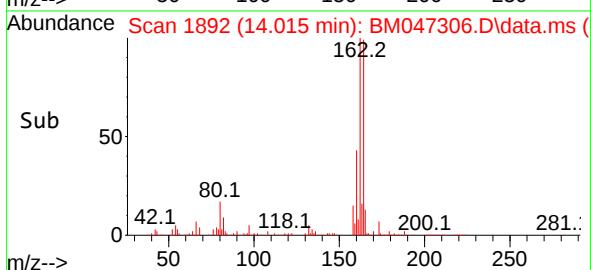
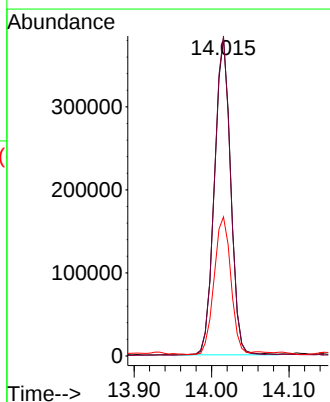
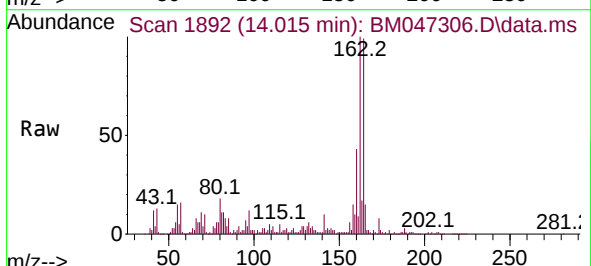
Manual Integrations
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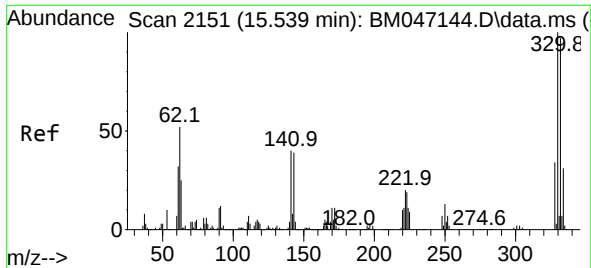
Reviewed By :Jagrut Upadhyay 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.015 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

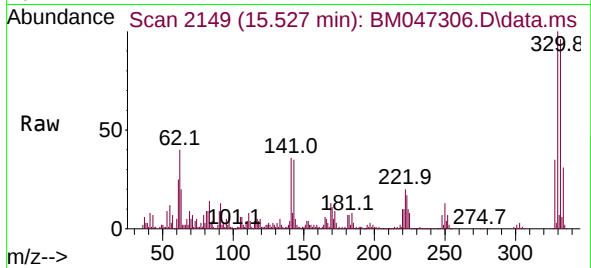
Tgt Ion:164 Resp: 553674
Ion Ratio Lower Upper
164 100
162 100.6 80.7 121.1
160 43.7 36.0 54.0





#42
2,4,6-Tribromophenol
Concen: 111.472 ng
RT: 15.527 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

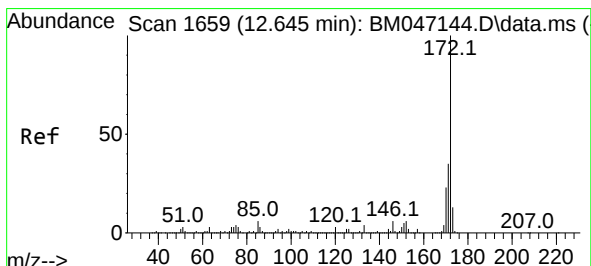
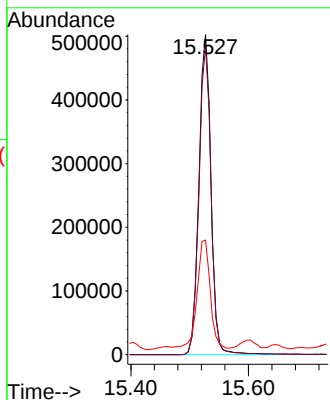
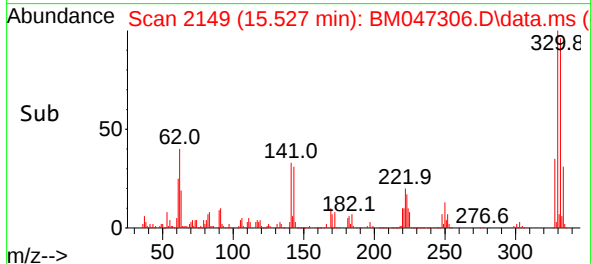
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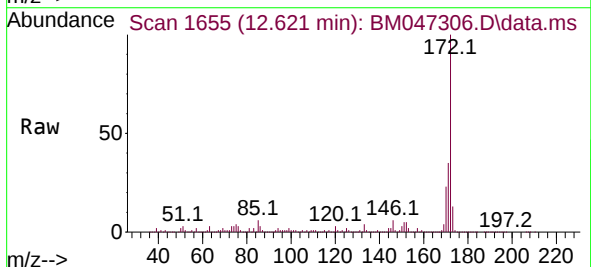
Tgt Ion:330 Resp: 71564
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 36.4 31.6 47.4

Manual Integrations
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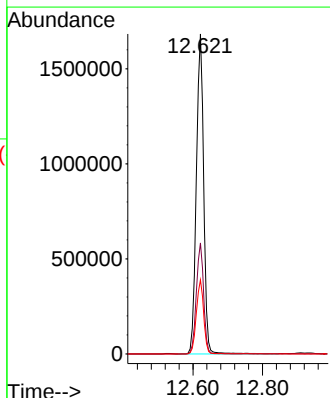
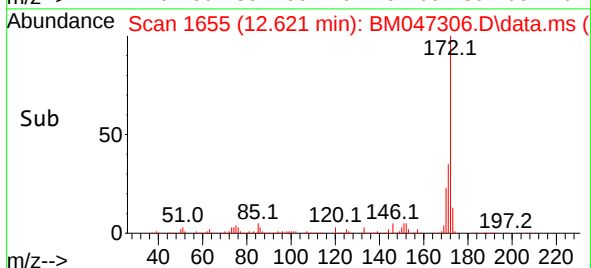
Reviewed By :Jagrut Upadhyay 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

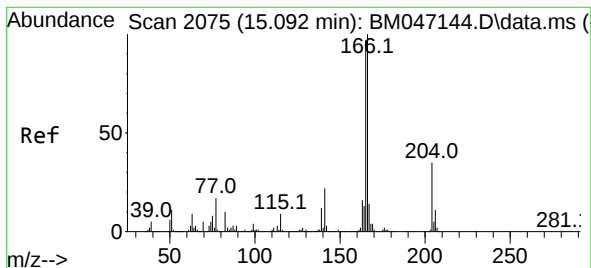


#45
2-Fluorobiphenyl
Concen: 68.725 ng
RT: 12.621 min Scan# 1655
Delta R.T. -0.024 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24



Tgt Ion:172 Resp: 2466795
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.7 28.1





#58

Fluorene

Concen: 2.631 ng

RT: 15.074 min Scan# 2075

Delta R.T. -0.018 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

Instrument :

BNA_M

ClientSampleId :

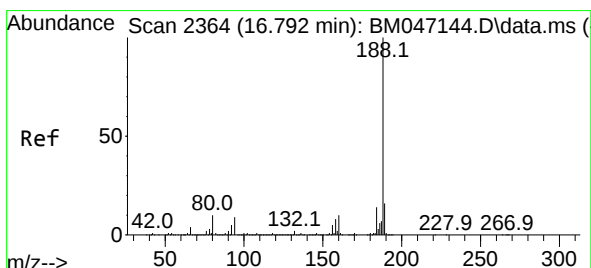
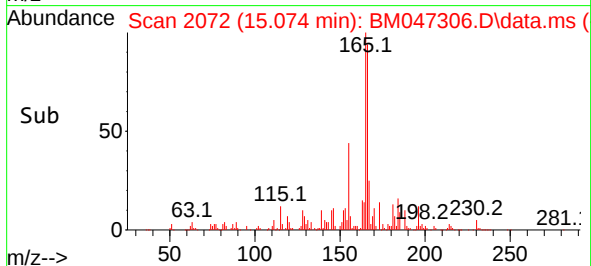
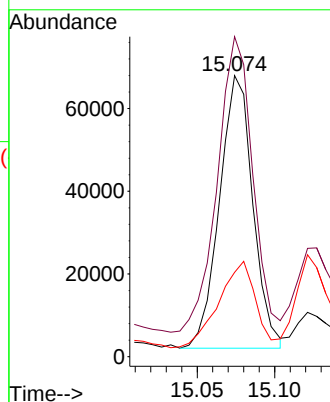
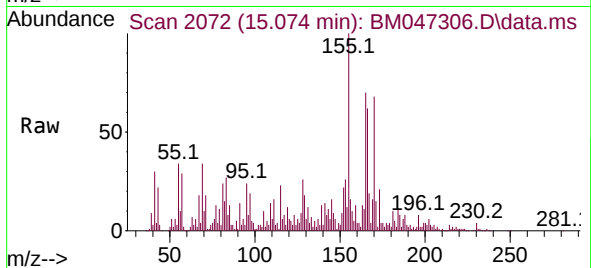
20430

Tgt Ion:166 Resp: 98782
 Ion Ratio Lower Upper
 166 100
 165 113.8 77.4 116.0
 167 30.0 11.0 16.6

Manual Integrations

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 Supervised By :mohammad ahmed 08/23/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

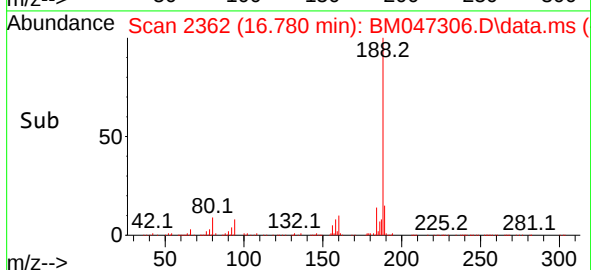
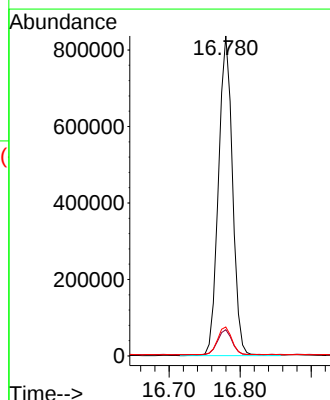
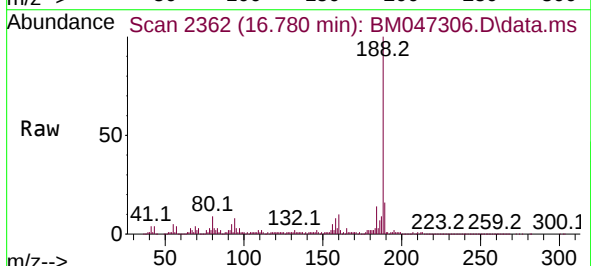
RT: 16.780 min Scan# 2362

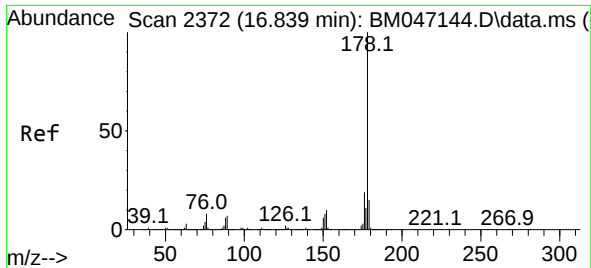
Delta R.T. -0.012 min

Lab File: BM047306.D

Acq: 21 Aug 2024 20:24

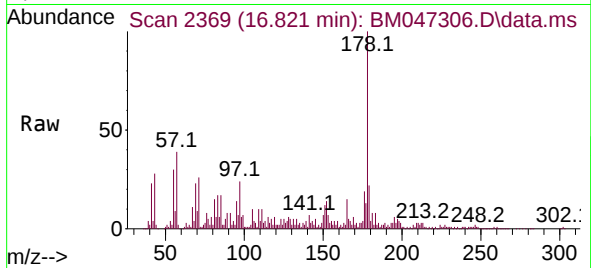
Tgt Ion:188 Resp: 1142163
 Ion Ratio Lower Upper
 188 100
 94 8.2 7.0 10.6
 80 9.1 8.0 12.0





#71
Phenanthrene
Concen: 3.989 ng m
RT: 16.821 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

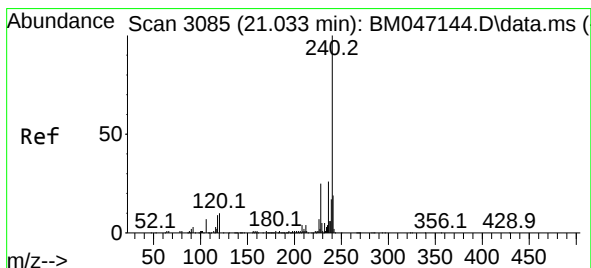
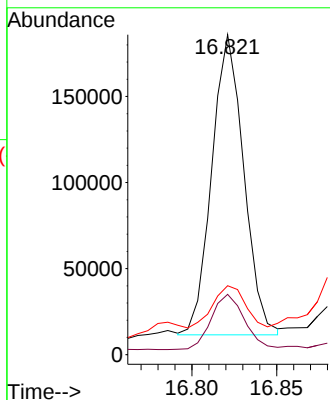
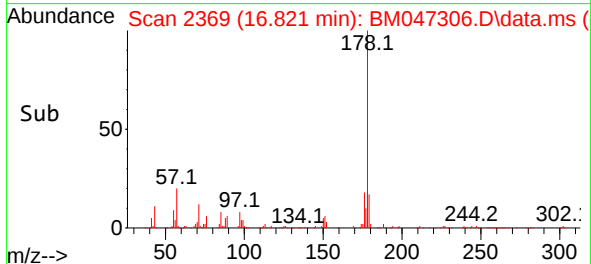
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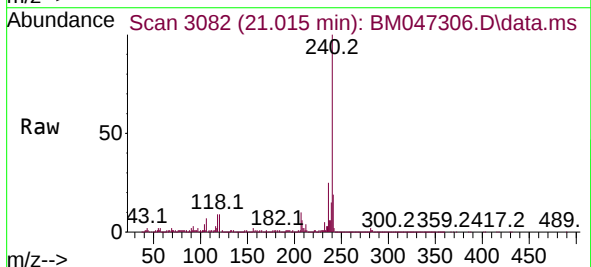
Tgt Ion:178 Resp: 22863
Ion Ratio Lower Upper
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176 18.9 15.3 22.9
179 21.5 12.4 18.6

Manual Integrations
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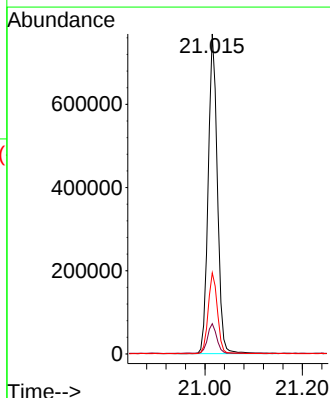
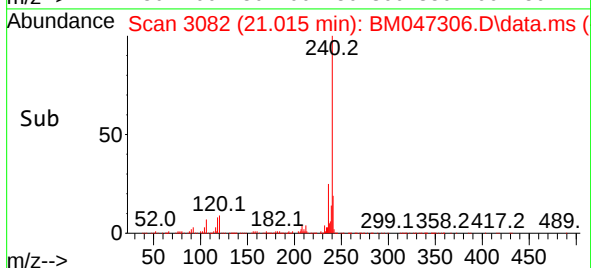
Reviewed By :Jagrut Upadhyay 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

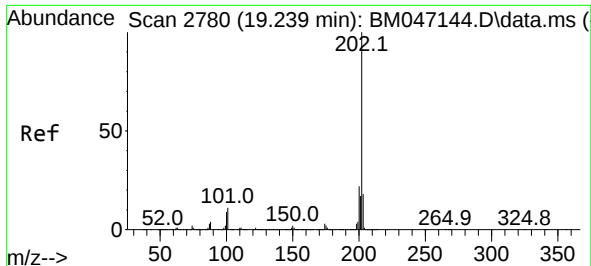


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.018 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24



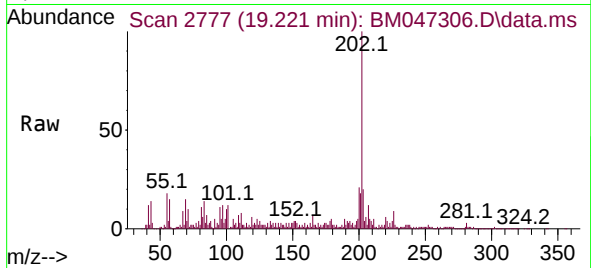
Tgt Ion:240 Resp: 999648
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.2
236 25.3 20.6 30.8





#78
Pyrene
Concen: 3.291 ng
RT: 19.221 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

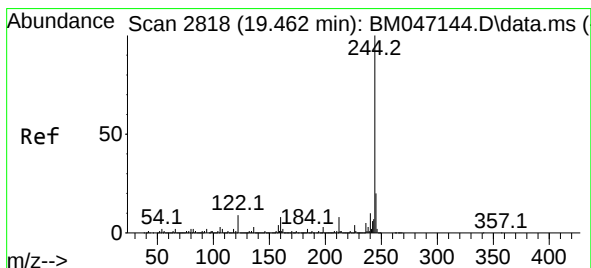
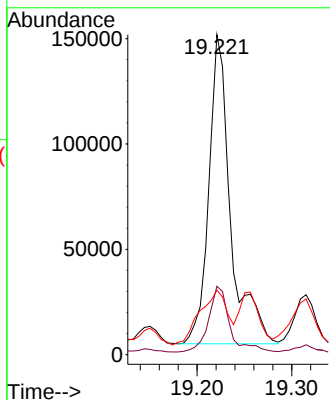
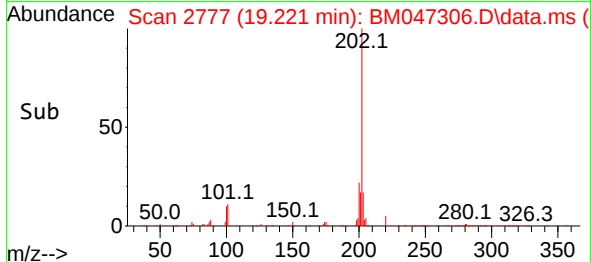
Instrument :
BNA_M
ClientSampleId :
20430



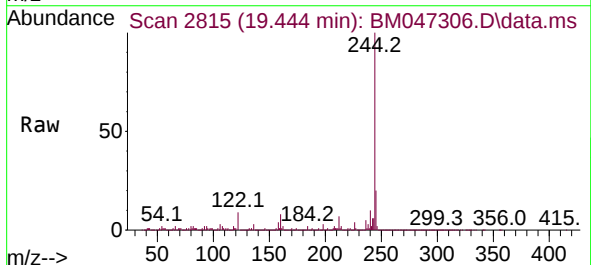
Tgt Ion:202 Resp: 234880
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 20.2 14.2 21.2

Manual Integrations
APPROVED

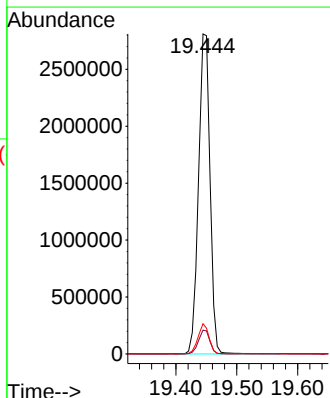
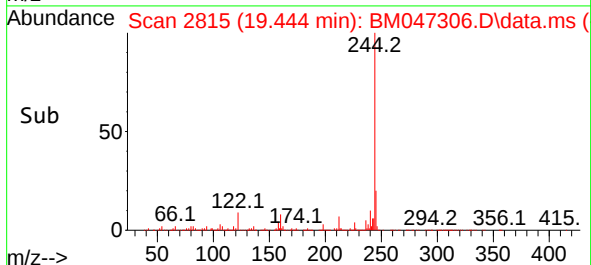
Reviewed By :Jagrut Upadhyay 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

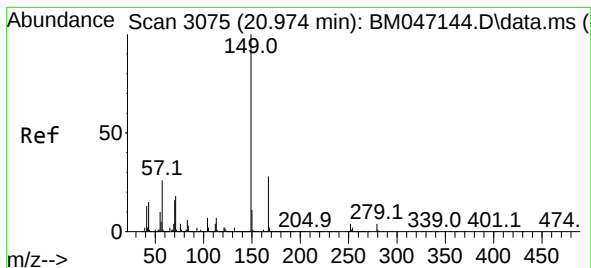


#79
Terphenyl-d14
Concen: 79.014 ng
RT: 19.444 min Scan# 2815
Delta R.T. -0.018 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24



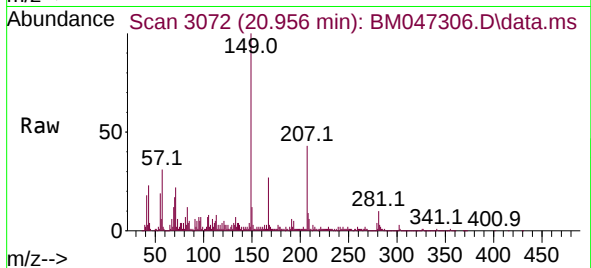
Tgt Ion:244 Resp: 3686192
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 9.5 7.1 10.7





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.928 ng
RT: 20.956 min Scan# 3072
Delta R.T. -0.018 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

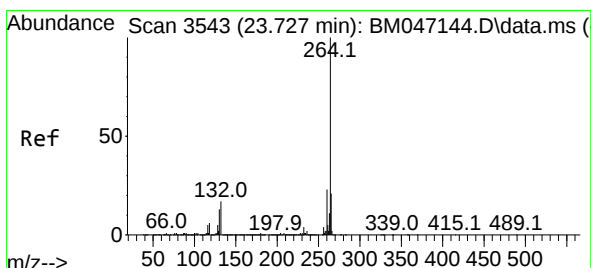
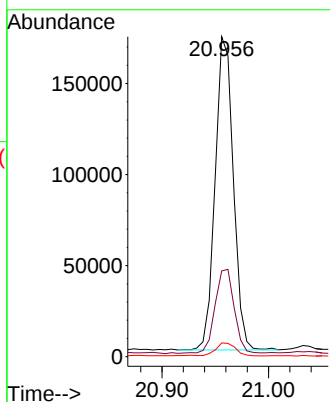
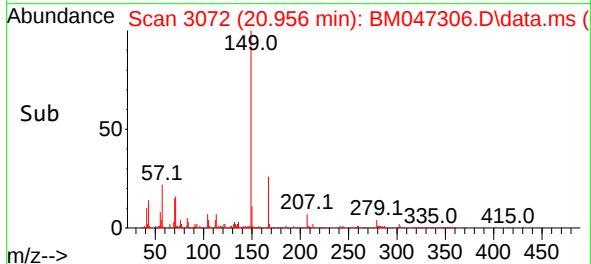
Instrument :
BNA_M
ClientSampleId :
20430



Tgt Ion:149 Resp: 203594
Ion Ratio Lower Upper
149 100
167 26.8 22.2 33.2
279 4.3 3.0 4.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3540
Delta R.T. -0.018 min
Lab File: BM047306.D
Acq: 21 Aug 2024 20:24

Tgt Ion:264 Resp: 1048013
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 22.4 17.3 25.9

