

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042460.D
 Acq On : 26 Oct 2023 19:47
 Operator : MA/JU
 Sample : 05010-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11985

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

Quant Time: Oct 27 00:45:47 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	7.992	152	195334	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	802730	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	484113	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	1055146	20.000	ng	0.00
76) Chrysene-d12	21.568	240	777905	20.000	ng	-0.01
86) Perylene-d12	24.027	264	645566	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1179830	85.365	ng	0.00
7) Phenol-d6	7.151	99	1599406	86.353	ng	0.00
23) Nitrobenzene-d5	9.192	82	1046429	57.644	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	596632	112.904	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1942085	54.021	ng	0.00
79) Terphenyl-d14	19.998	244	2991273	68.196	ng	-0.01
Target Compounds						Qvalue
35) Caprolactam	11.816	113	10911	8.143	ng	# 86
71) Phenanthrene	17.433	178	775374	13.508	ng	99
74) Di-n-butylphthalate	18.327	149	9990	2.957	ng	# 93
75) Fluoranthene	19.445	202	1561098	24.694	ng	97
78) Pyrene	19.809	202	1329569	24.459	ng	99
80) Butylbenzylphthalate	20.686	149	12182	3.719	ng	92
81) Benzo(a)anthracene	21.550	228	438000	8.399	ng	99
83) Chrysene	21.603	228	477074	9.525	ng	98
84) Bis(2-ethylhexyl)phtha...	21.427	149	120533	6.568	ng	97
87) Indeno(1,2,3-cd)pyrene	26.609	276	236448	5.012	ng	# 91
88) Benzo(b)fluoranthene	23.268	252	520311	13.390	ng	99
89) Benzo(k)fluoranthene	23.315	252	158591m	3.931	ng	
90) Benzo(a)pyrene	23.915	252	324494	8.676	ng	99
92) Benzo(g,h,i)perylene	27.421	276	240078	6.302	ng	93

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

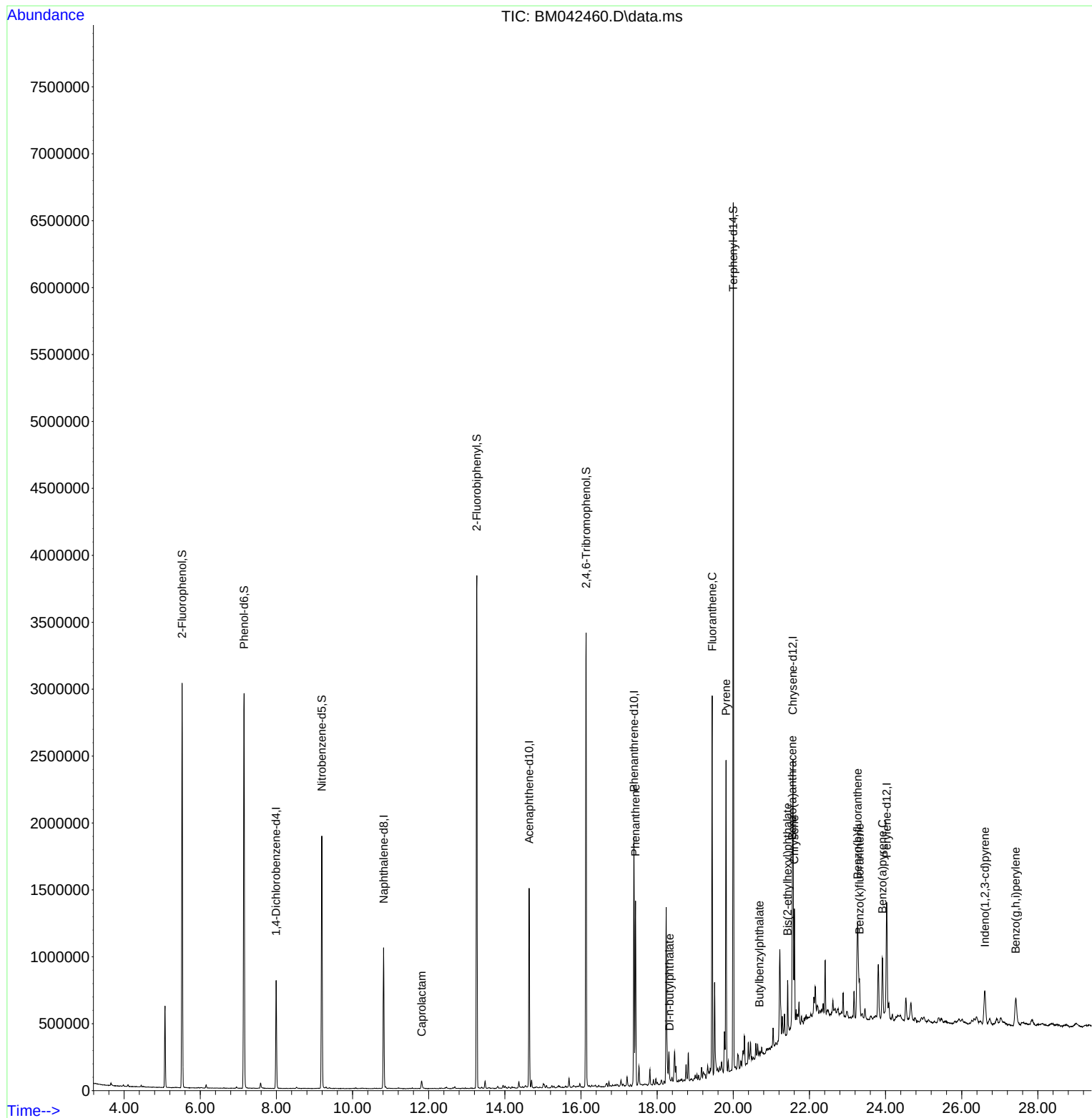
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042460.D
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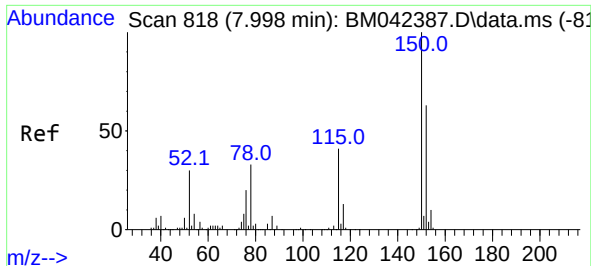
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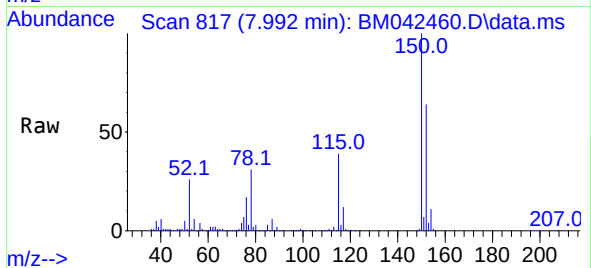
Quant Time: Oct 27 00:45:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

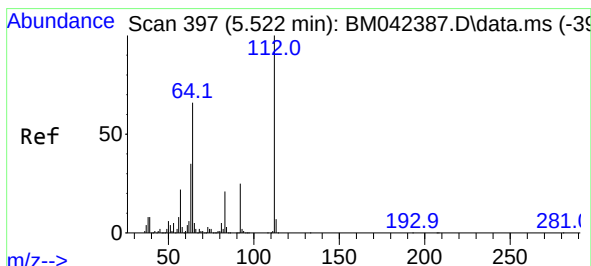
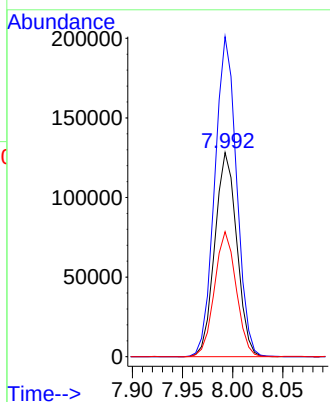
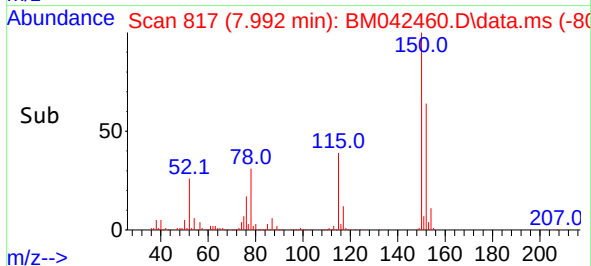
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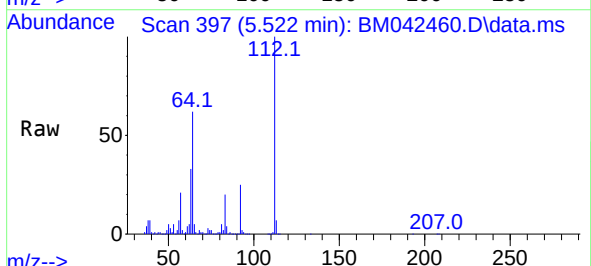
Tgt Ion:152 Resp: 195334
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.4
115 61.2 51.9 77.9

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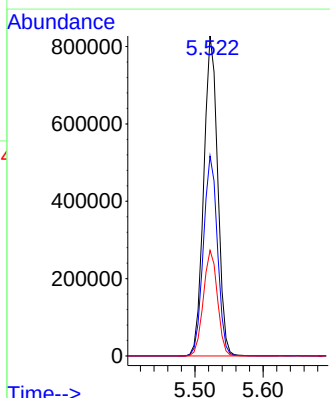
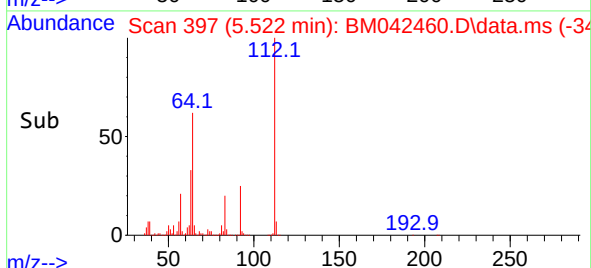
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Supervised By :mohammad ahmed 10/27/2023

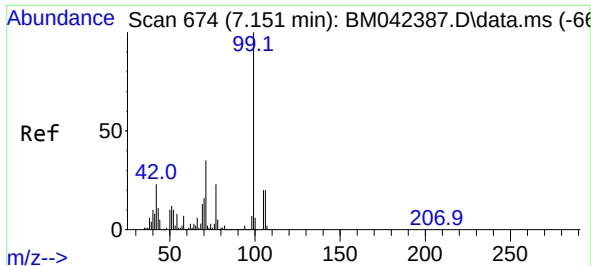


#5
2-Fluorophenol
Concen: 85.365 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47



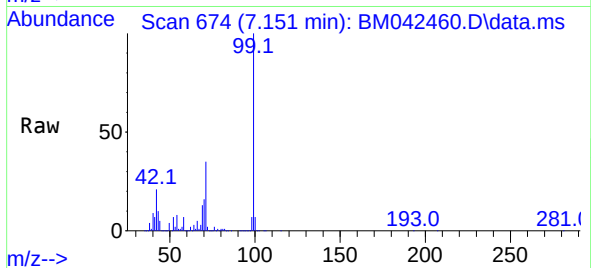
Tgt Ion:112 Resp: 1179830
Ion Ratio Lower Upper
112 100
64 62.5 52.7 79.1
63 33.0 28.3 42.5





#7
Phenol-d6
Concen: 86.353 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

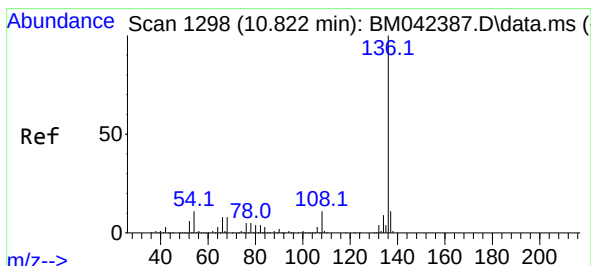
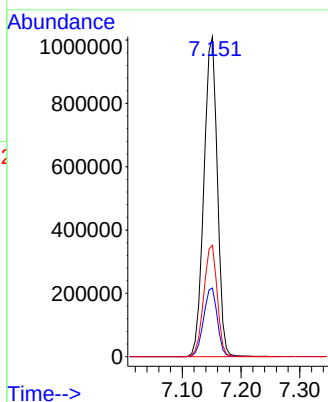
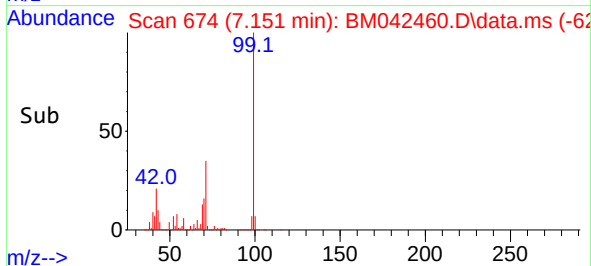
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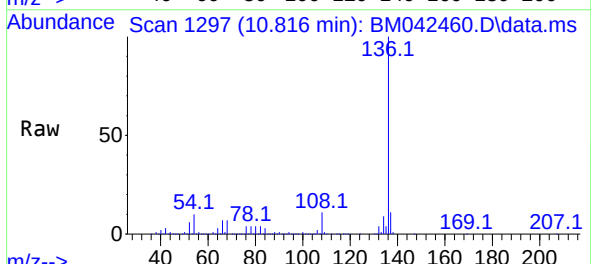
Tgt Ion: 99 Resp: 1599400
Ion Ratio Lower Upper
99 100
42 21.4 18.5 27.7
71 34.8 27.7 41.5

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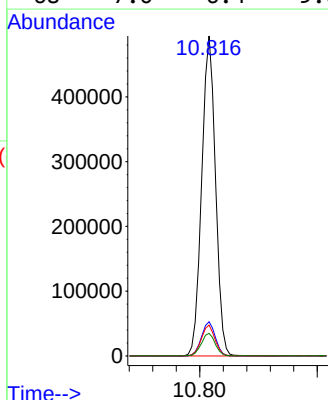
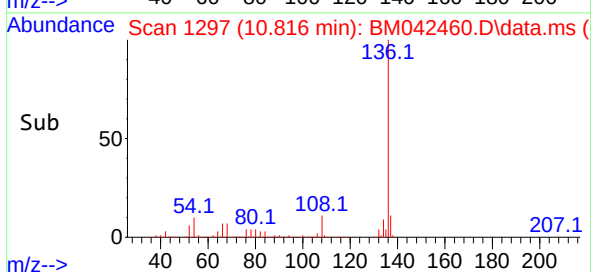
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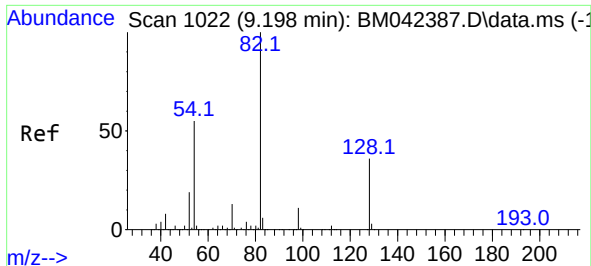


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47



Tgt Ion:136 Resp: 802730
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.7 8.6 12.8
68 7.0 6.4 9.6





#23
Nitrobenzene-d5
Concen: 57.644 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

Instrument :

BNA_M

ClientSampleId :

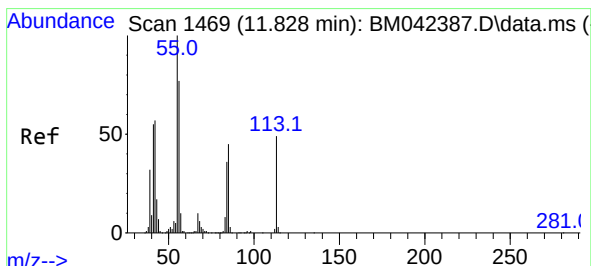
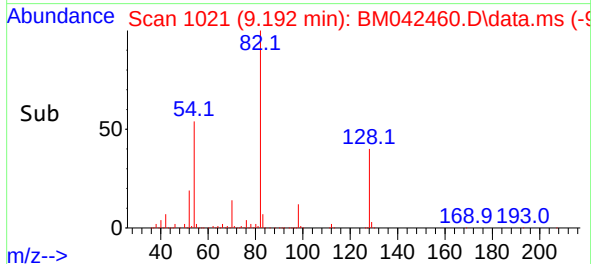
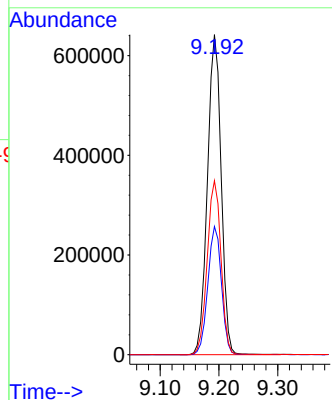
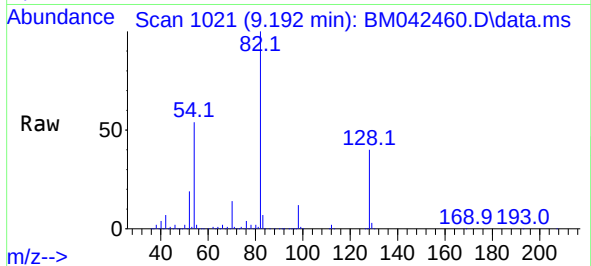
72-11985

Tgt Ion: 82 Resp: 1046429
Ion Ratio Lower Upper
82 100
128 40.1 29.0 43.6
54 54.4 43.7 65.5

Manual Integrations

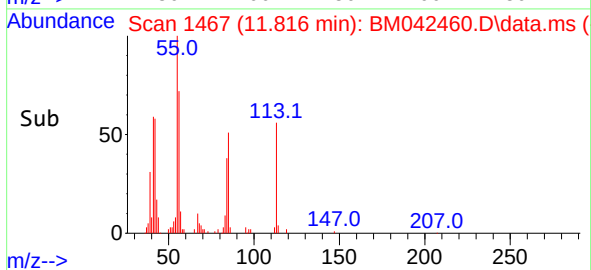
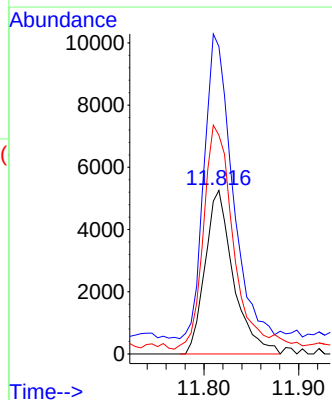
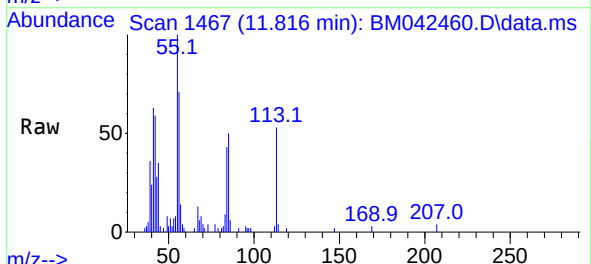
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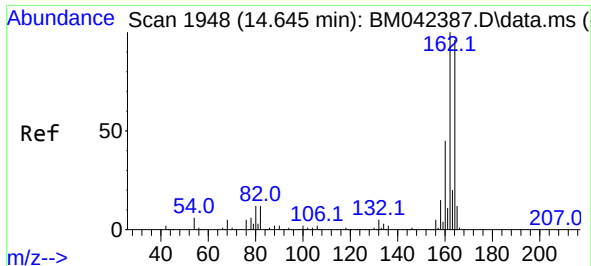
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#35
Caprolactam
Concen: 8.143 ng
RT: 11.816 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

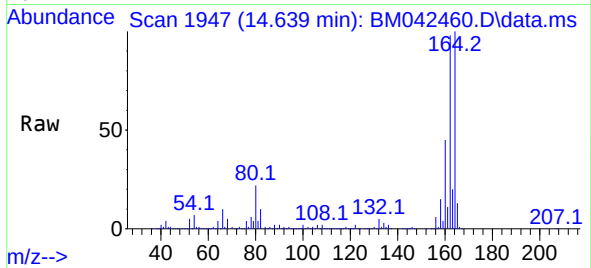
Tgt Ion:113 Resp: 10911
Ion Ratio Lower Upper
113 100
55 188.0 185.6 225.6
56 133.8 137.8 177.8#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

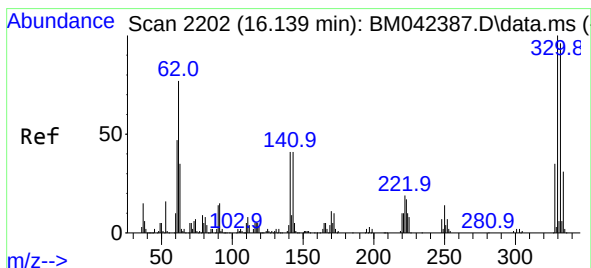
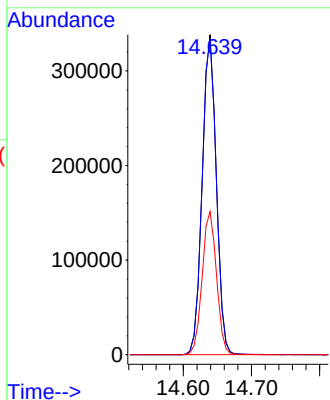
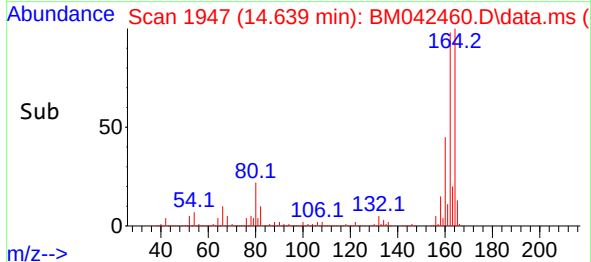
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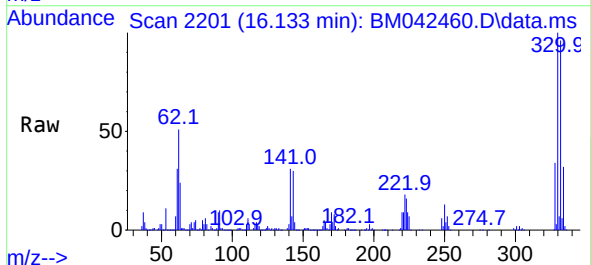
Tgt Ion:164 Resp: 484111
Ion Ratio Lower Upper
164 100
162 98.4 83.0 124.4
160 44.7 37.0 55.4

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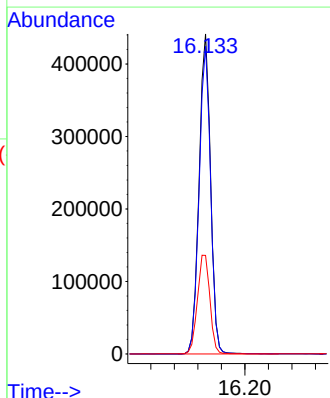
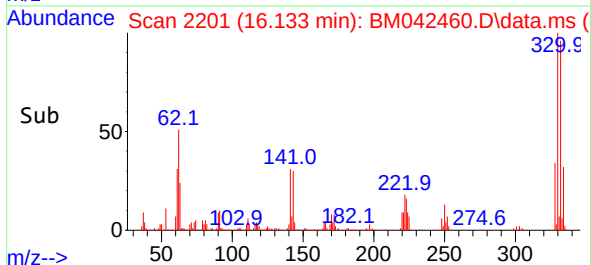
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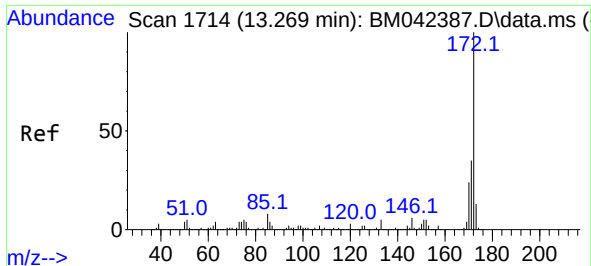


#42
2,4,6-Tribromophenol
Concen: 112.904 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47



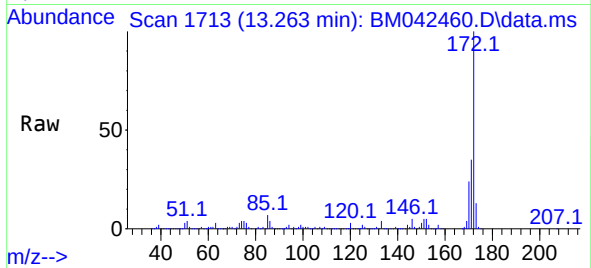
Tgt Ion:330 Resp: 596632
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 33.8 38.0 57.0#





#45
2-Fluorobiphenyl
Concen: 54.021 ng
RT: 13.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

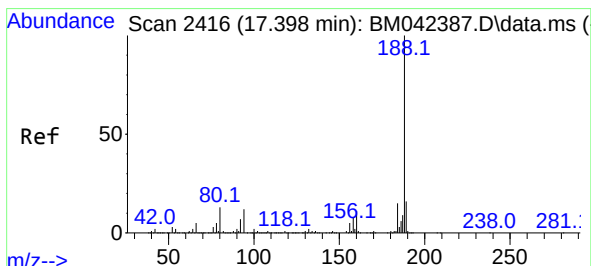
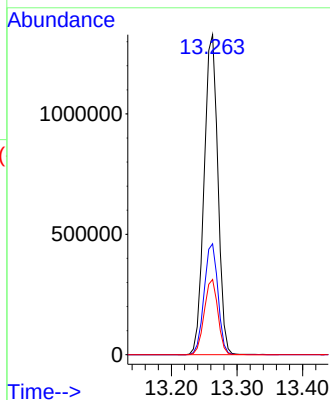
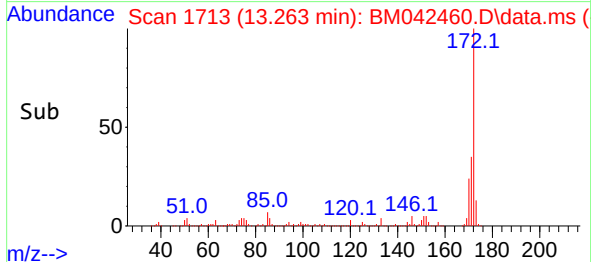
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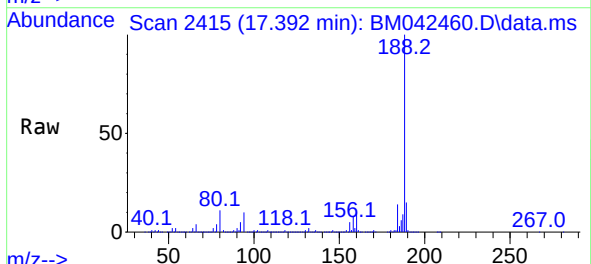
Tgt Ion:172 Resp: 1942085
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.5 18.9 28.3

Manual Integrations
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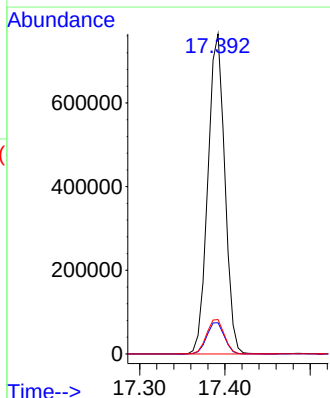
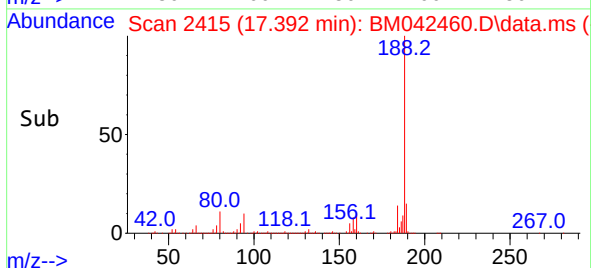
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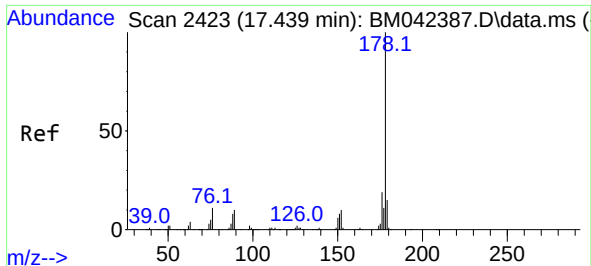


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47



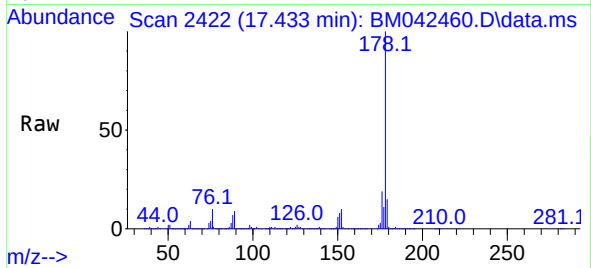
Tgt Ion:188 Resp: 1055146
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.0
80 10.8 10.7 16.1





#71
Phenanthrene
Concen: 13.508 ng
RT: 17.433 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

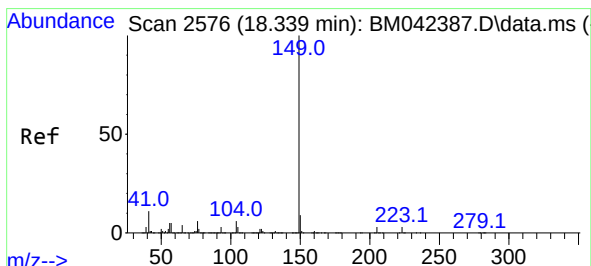
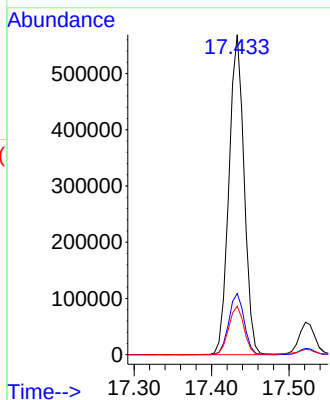
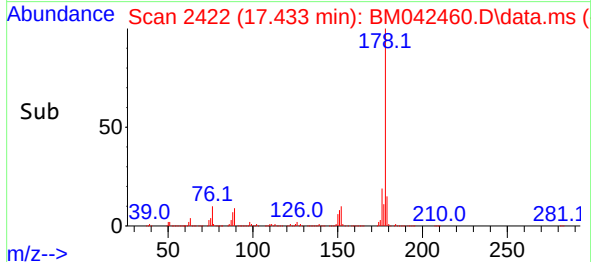
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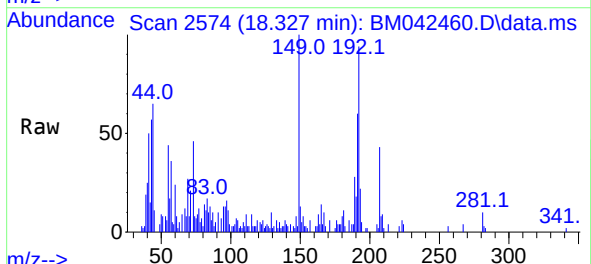
Tgt Ion:178 Resp: 775374
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.2 12.3 18.5

Manual Integrations
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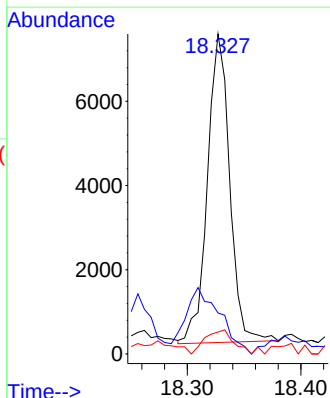
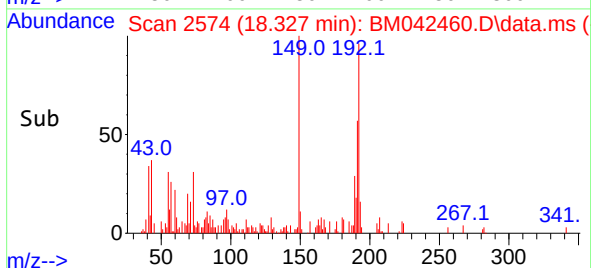
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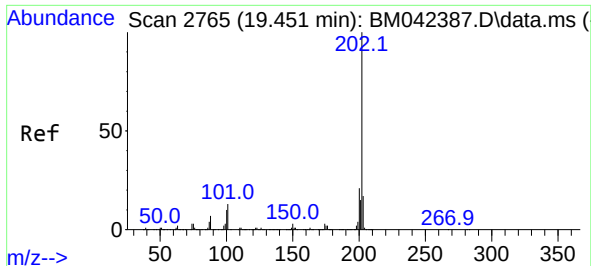


#74
Di-n-butylphthalate
Concen: 2.957 ng
RT: 18.327 min Scan# 2574
Delta R.T. -0.012 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47



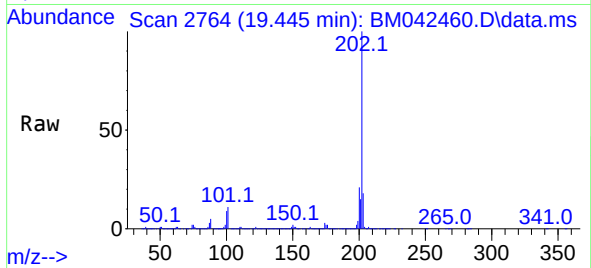
Tgt Ion:149 Resp: 9990
Ion Ratio Lower Upper
149 100
150 12.8 7.4 11.0#
104 6.8 4.6 7.0





#75
Fluoranthene
Concen: 24.694 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

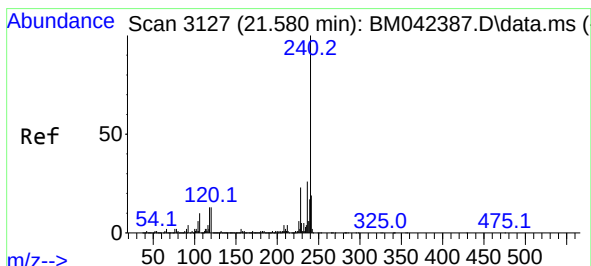
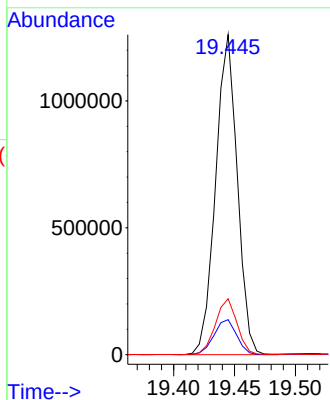
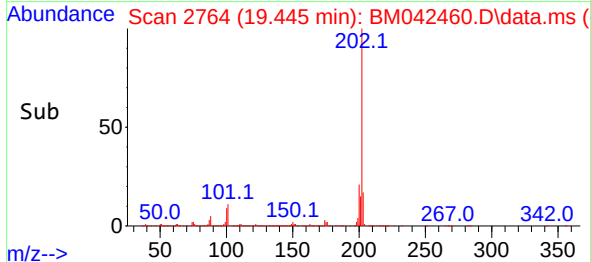
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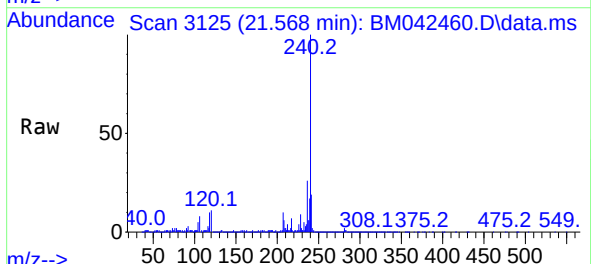
Tgt Ion:202 Resp: 1561098
Ion Ratio Lower Upper
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101 11.0 0.0 33.3
203 17.5 0.0 37.5

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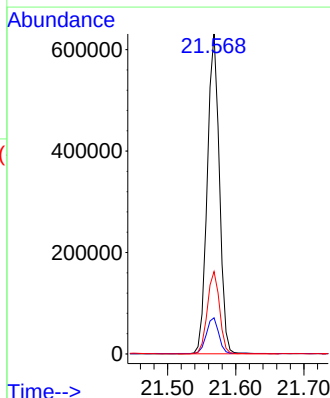
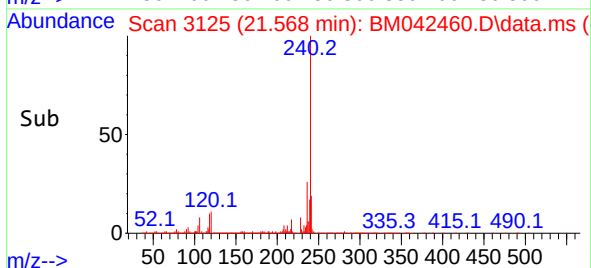
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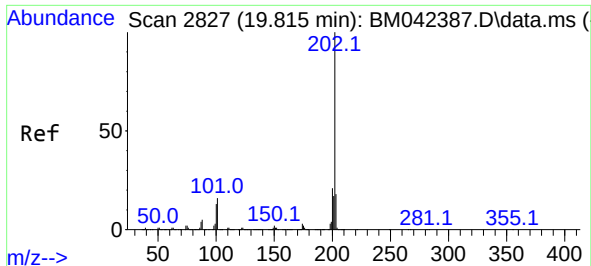


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47



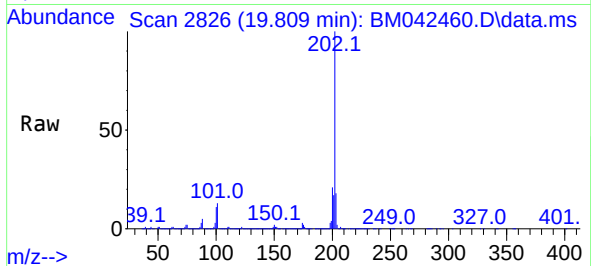
Tgt Ion:240 Resp: 777905
Ion Ratio Lower Upper
240 100
120 11.3 10.7 16.1
236 25.8 20.7 31.1





#78
Pyrene
Concen: 24.459 ng
RT: 19.809 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

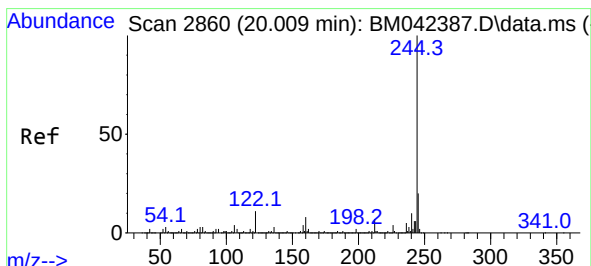
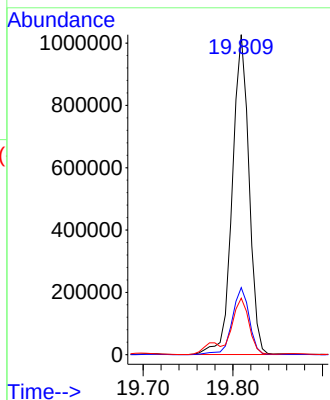
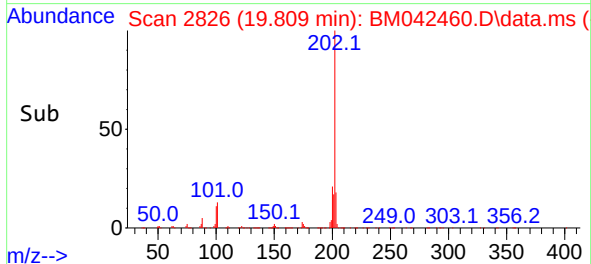
Instrument :
BNA_M
ClientSampleId :
72-11985



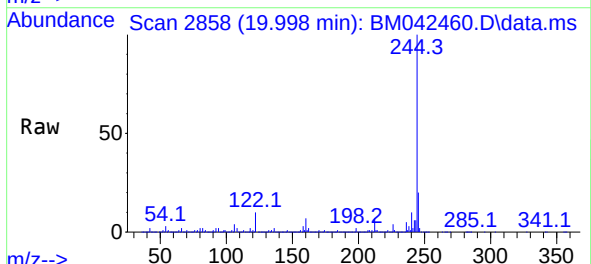
Tgt Ion:202 Resp: 132956
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.7 14.1 21.1

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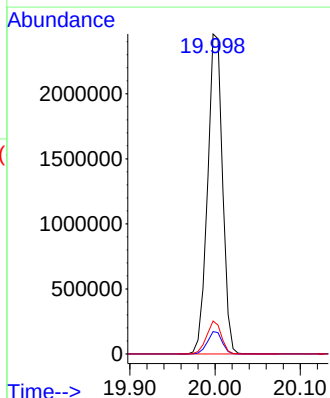
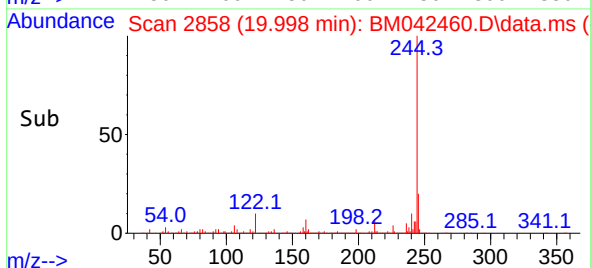
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

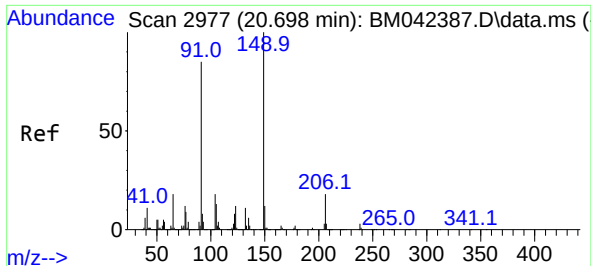


#79
Terphenyl-d14
Concen: 68.196 ng
RT: 19.998 min Scan# 2858
Delta R.T. -0.011 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47



Tgt Ion:244 Resp: 2991273
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.3 8.8 13.2





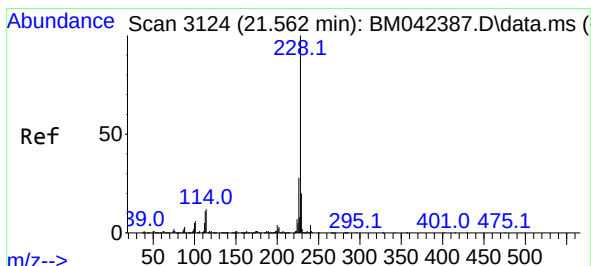
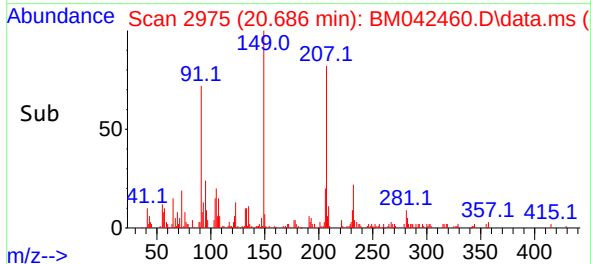
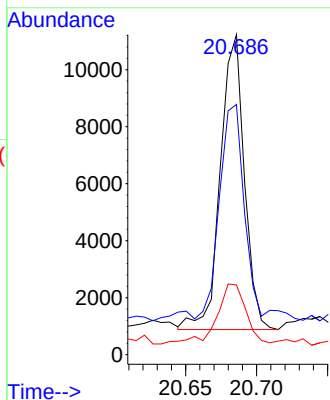
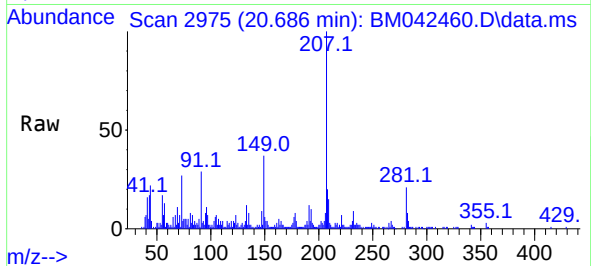
#80
Butylbenzylphthalate
Concen: 3.719 ng
RT: 20.686 min Scan# 2975
Delta R.T. -0.012 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

Instrument :
BNA_M
ClientSampleId :
72-11985

Tgt Ion:149 Resp: 1218
Ion Ratio Lower Upper
149 100
91 78.2 68.3 102.5
206 21.8 14.6 22.0

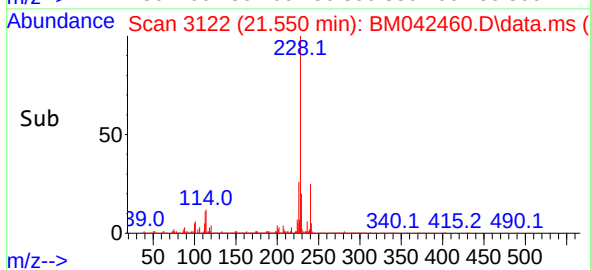
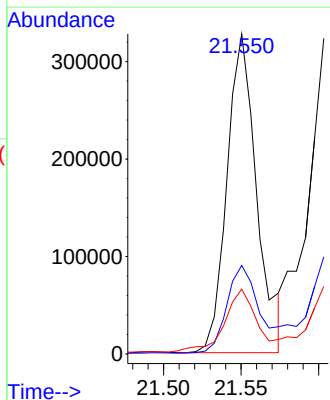
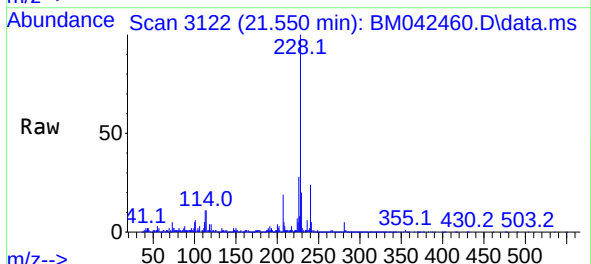
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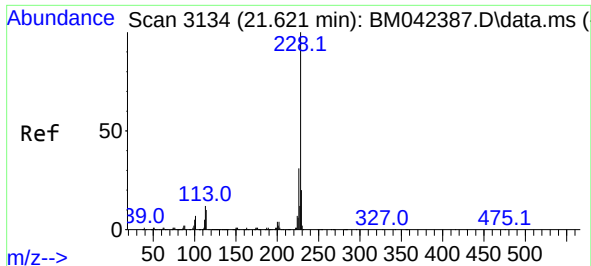
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#81
Benzo(a)anthracene
Concen: 8.399 ng
RT: 21.550 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

Tgt Ion:228 Resp: 438000
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.3 15.7 23.5





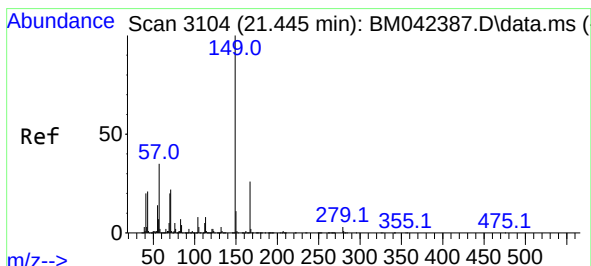
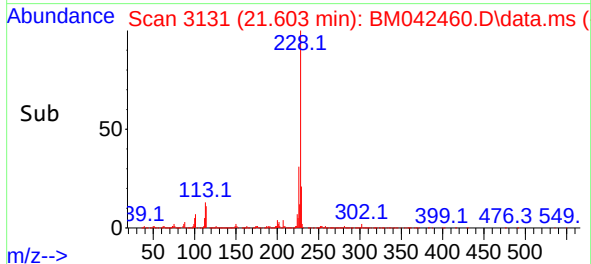
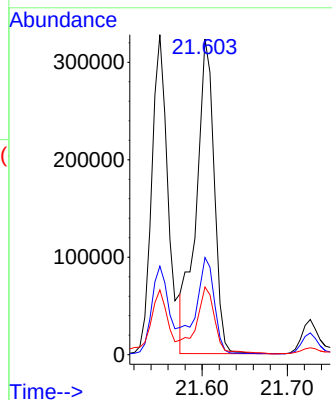
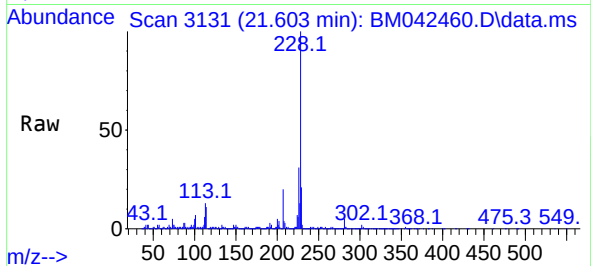
#83
Chrysene
Concen: 9.525 ng
RT: 21.603 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

Instrument :
BNA_M
ClientSampleId :
72-11985

Tgt Ion:228 Resp: 477074
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 21.4 15.7 23.5

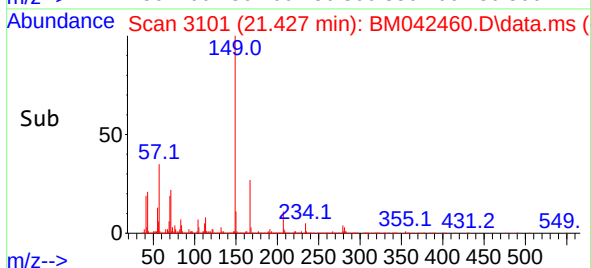
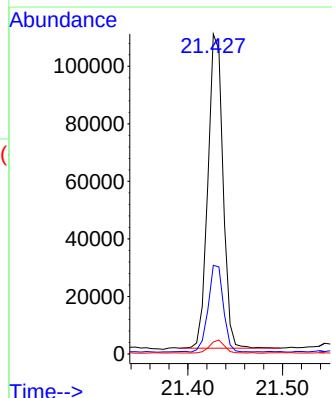
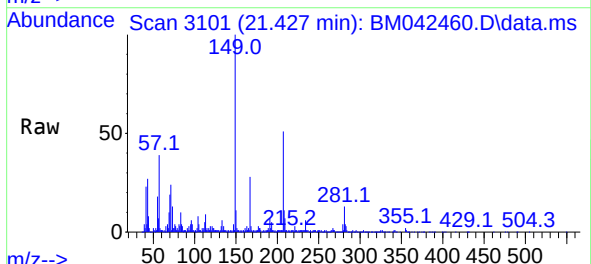
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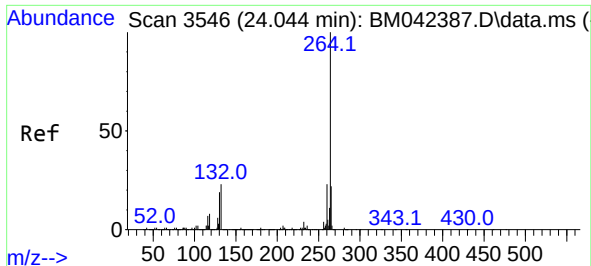
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.568 ng
RT: 21.427 min Scan# 3101
Delta R.T. -0.018 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

Tgt Ion:149 Resp: 120533
Ion Ratio Lower Upper
149 100
167 27.7 20.9 31.3
279 3.8 2.7 4.1





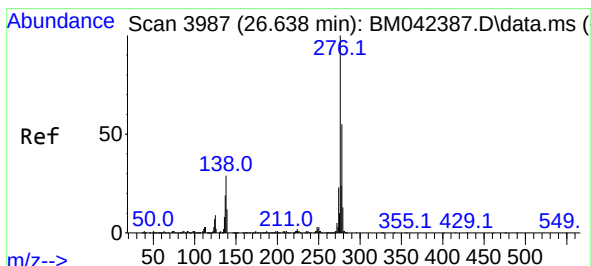
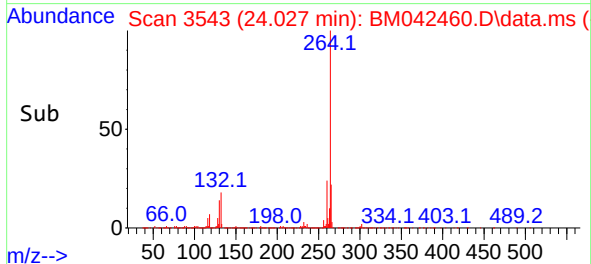
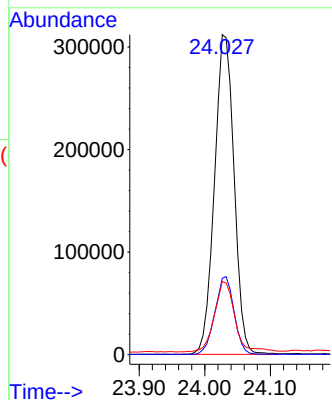
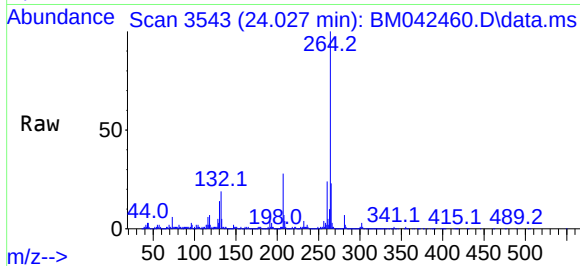
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.027 min Scan# 3543
Delta R.T. -0.018 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

Instrument :
BNA_M
ClientSampleId :
72-11985

Tgt Ion:264 Resp: 645560
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 22.8 17.8 26.8

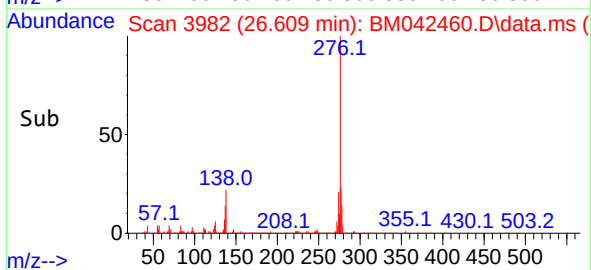
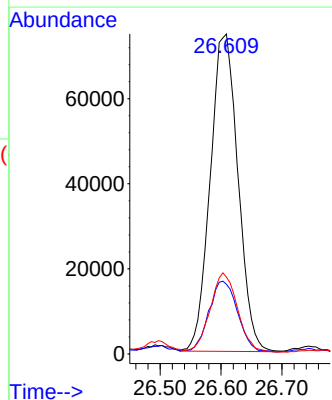
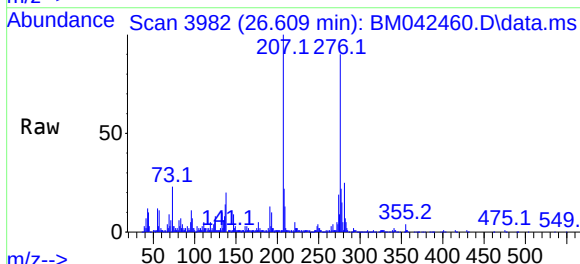
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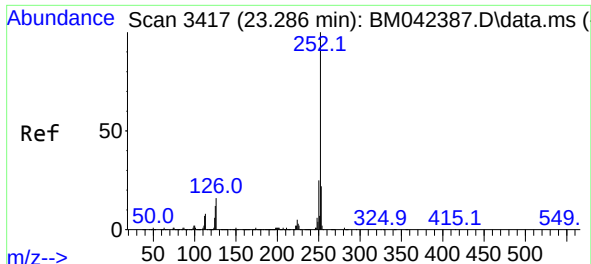
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.012 ng
RT: 26.609 min Scan# 3982
Delta R.T. -0.029 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

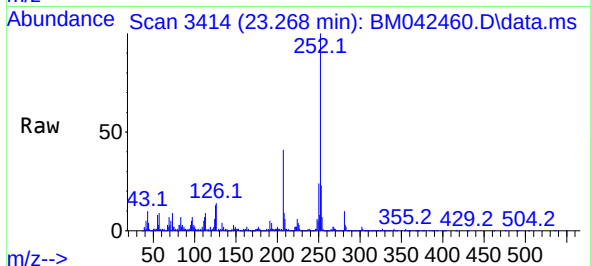
Tgt Ion:276 Resp: 236448
Ion Ratio Lower Upper
276 100
138 23.0 25.6 38.4#
277 24.5 20.0 30.0





#88
Benzo(b)fluoranthene
Concen: 13.390 ng
RT: 23.268 min Scan# 3417
Delta R.T. -0.018 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

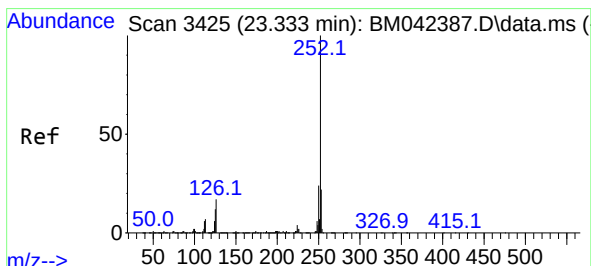
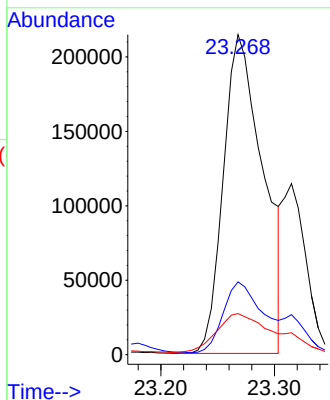
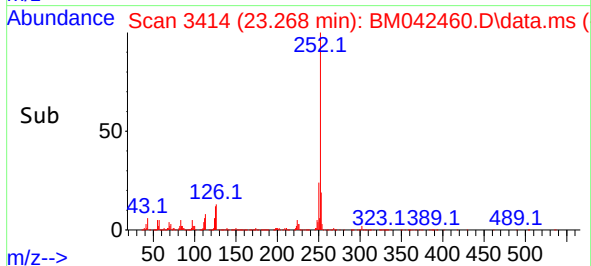
Instrument :
BNA_M
ClientSampleId :
72-11985



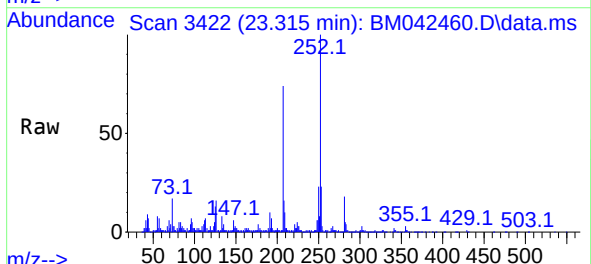
Tgt Ion:252 Resp: 52031
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 12.8 9.8 14.8

Manual Integrations
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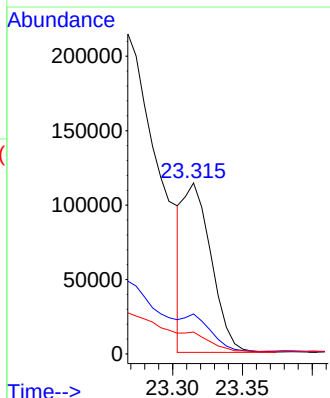
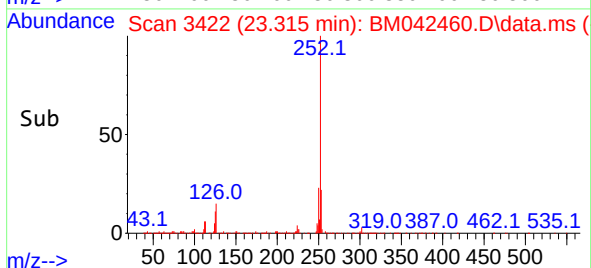
Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

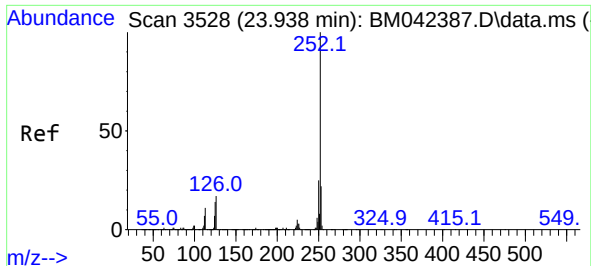


#89
Benzo(k)fluoranthene
Concen: 3.931 ng m
RT: 23.315 min Scan# 3422
Delta R.T. -0.018 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47



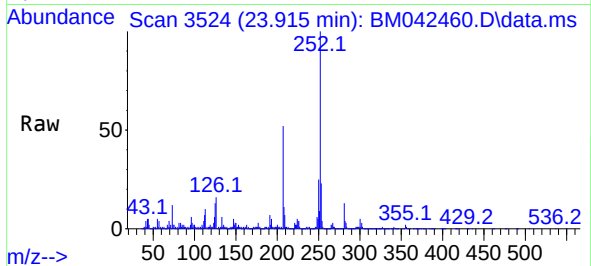
Tgt Ion:252 Resp: 158591
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 12.8 10.2 15.2





#90
Benzo(a)pyrene
Concen: 8.676 ng
RT: 23.915 min Scan# 31
Delta R.T. -0.024 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

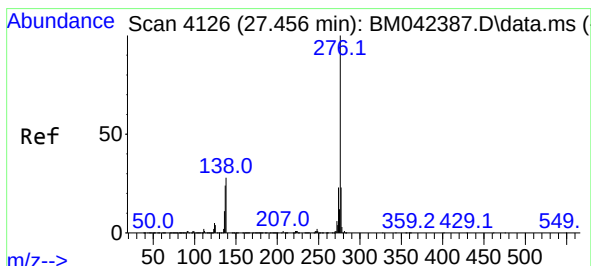
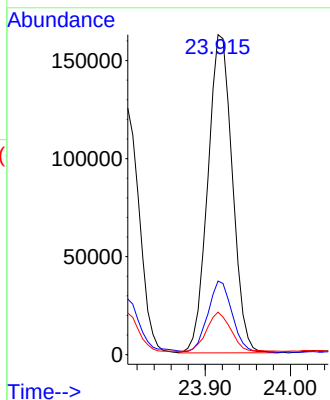
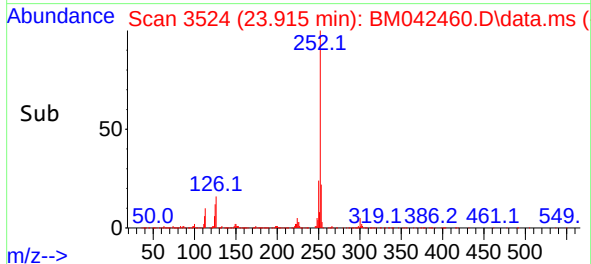
Instrument :
BNA_M
ClientSampleId :
72-11985



Tgt Ion:252 Resp: 324494
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 13.3 10.9 16.3

Manual Integrations
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Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023



#92
Benzo(g,h,i)perylene
Concen: 6.302 ng
RT: 27.421 min Scan# 4120
Delta R.T. -0.035 min
Lab File: BM042460.D
Acq: 26 Oct 2023 19:47

Tgt Ion:276 Resp: 240078
Ion Ratio Lower Upper
276 100
277 24.8 18.3 27.5
138 22.8 22.6 34.0

