

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
 Data File : BM032874.D
 Acq On : 04 Nov 2021 14:36
 Operator : CG/JU
 Sample : M4438-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FDR-20211101-WC-L

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 07 08:46:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 16:07:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.490	152	112517	20.000	ng	0.00
21) Naphthalene-d8	10.272	136	432482	20.000	ng	# 0.00
39) Acenaphthene-d10	14.154	164	234652	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	376377	20.000	ng	# 0.00
76) Chrysene-d12	21.077	240	322156	20.000	ng	# 0.00
86) Perylene-d12	23.189	264	411007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.084	112	452016	70.037	ng	0.00
7) Phenol-d6	6.690	99	38632	4.020	ng	0.00
23) Nitrobenzene-d5	8.642	82	741395	93.827	ng	0.00
42) 2,4,6-Tribromophenol	15.654	330	316302	120.361	ng	0.00
45) 2-Fluorobiphenyl	12.766	172	1454771	96.156	ng	0.00
79) Terphenyl-d14	19.530	244	1385499	93.896	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.566	122	11232	2.388	ng	92
75) Fluoranthene	18.959	202	65262	2.850	ng	# 1
78) Pyrene	19.324	202	67191	3.113	ng	# 1
88) Benzo(b)fluoranthene	22.565	252	62922m	2.514	ng	
90) Benzo(a)pyrene	23.100	252	50958	2.465	ng	# 1

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

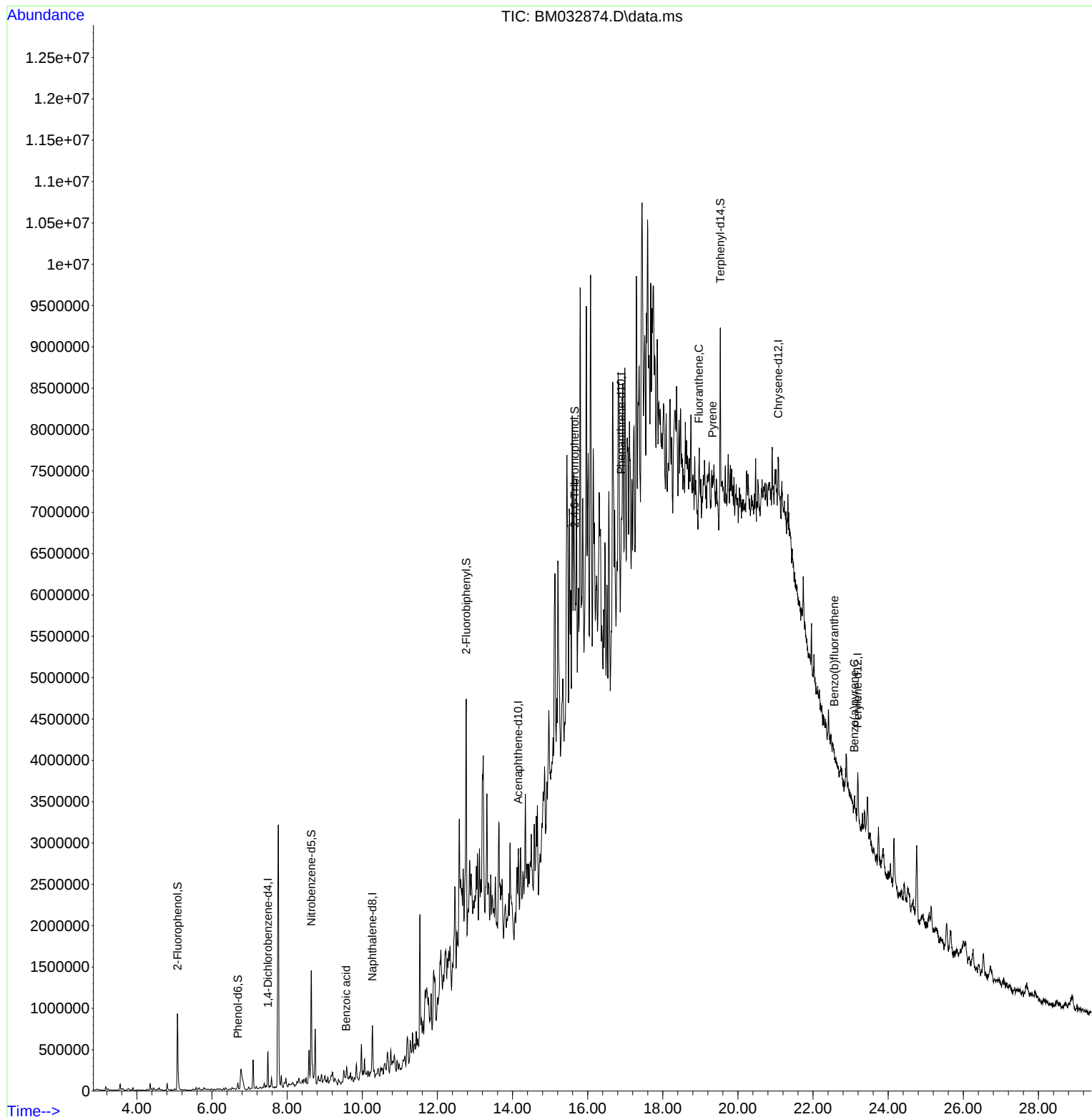
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
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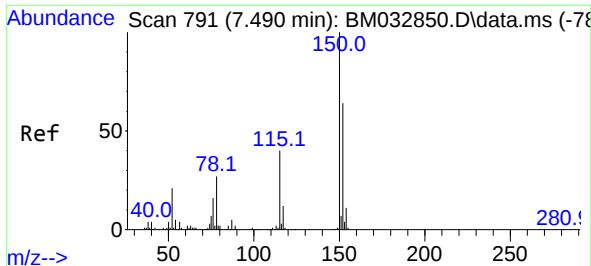
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Quant Time: Nov 07 08:46:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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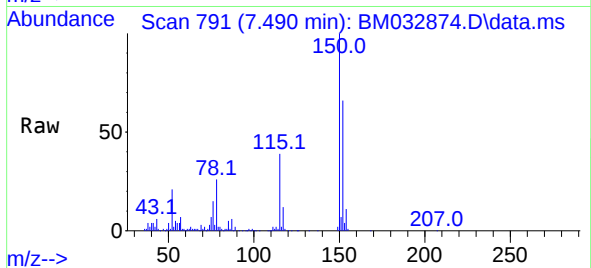
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.490 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36

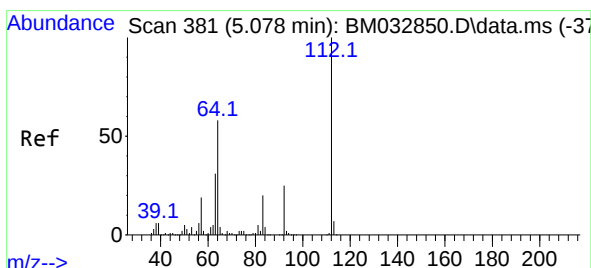
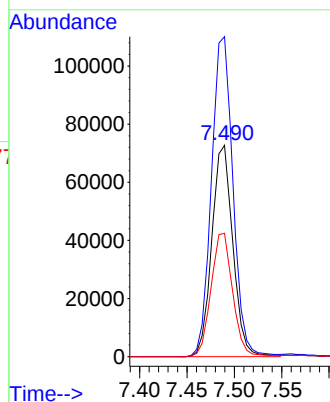
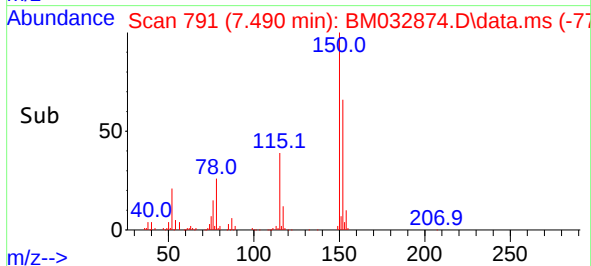
Instrument :
BNA_M
ClientSampleId :
FDR-20211101-WC-L



Tgt Ion:152 Resp: 112517
Ion Ratio Lower Upper
152 100
150 151.3 122.4 183.6
115 58.4 53.8 80.8

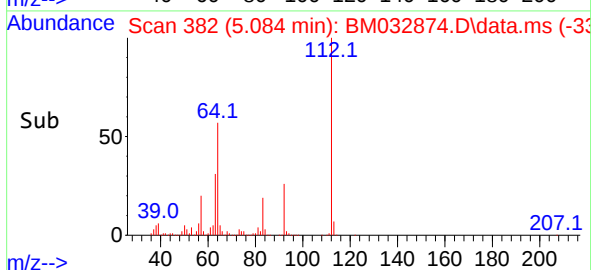
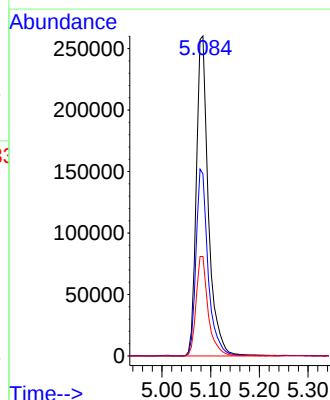
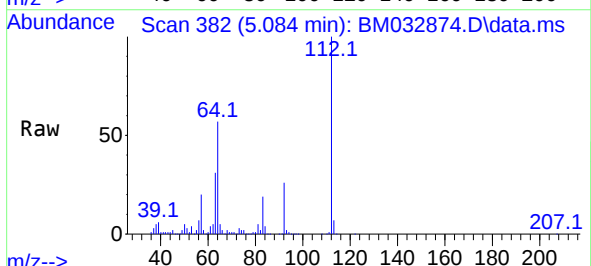
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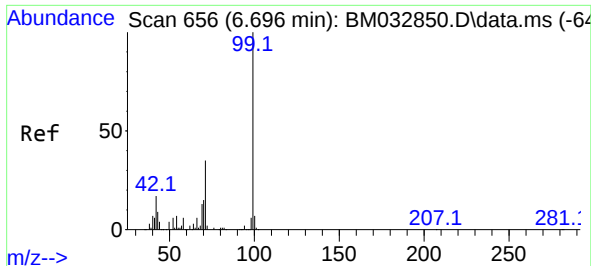
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#5
2-Fluorophenol
Concen: 70.037 ng
RT: 5.084 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36

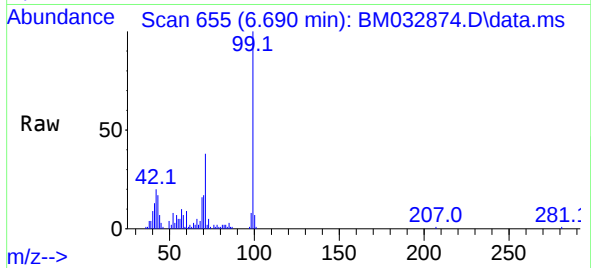
Tgt Ion:112 Resp: 452016
Ion Ratio Lower Upper
112 100
64 56.9 53.7 80.5
63 31.1 33.9 50.9#





#7
Phenol-d6
Concen: 4.020 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36

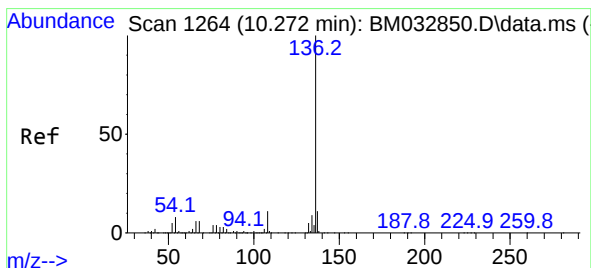
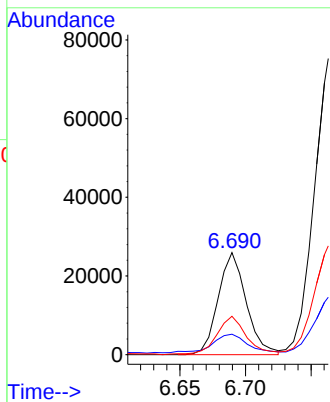
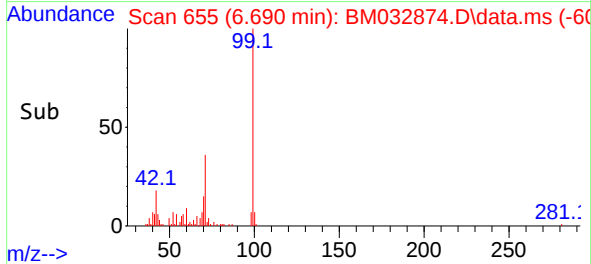
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 38632
Ion Ratio Lower Upper
99 100
42 20.1 23.0 34.6
71 37.6 37.8 56.8

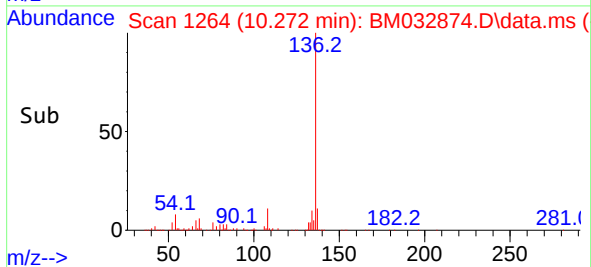
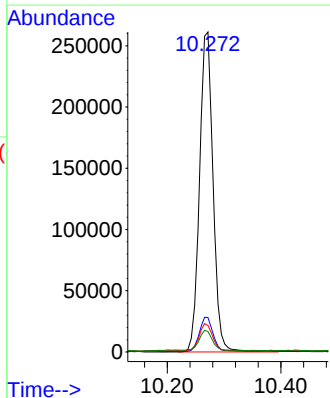
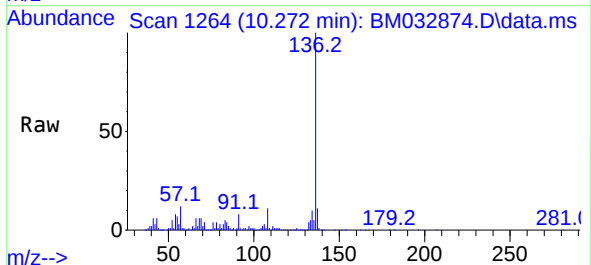
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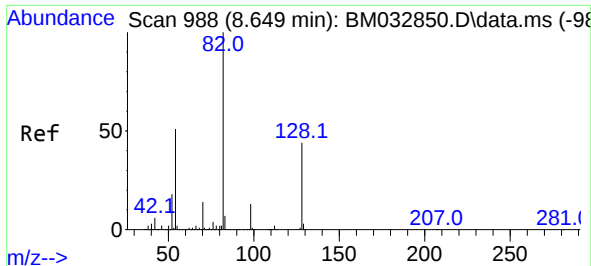
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.272 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36

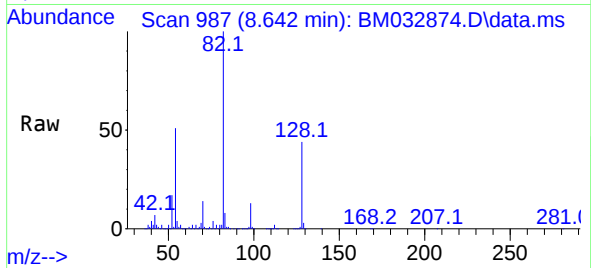
Tgt Ion:136 Resp: 432482
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.3 7.4 11.0
68 6.4 3.8 5.8





#23
Nitrobenzene-d5
Concen: 93.827 ng
RT: 8.642 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36

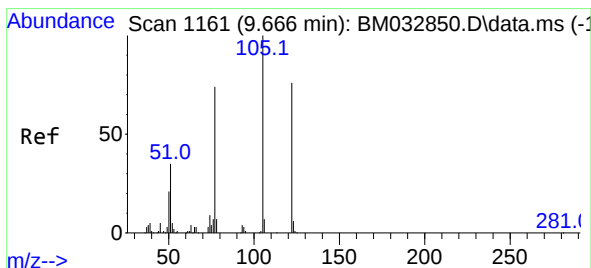
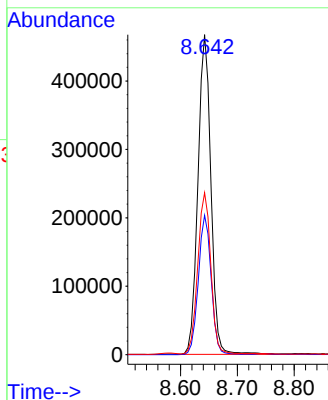
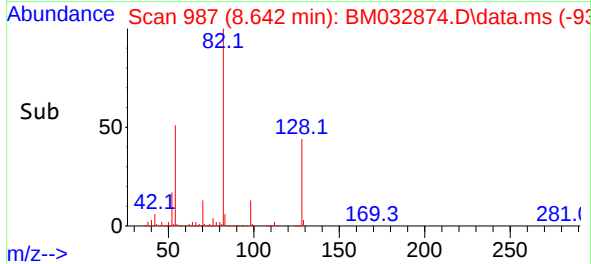
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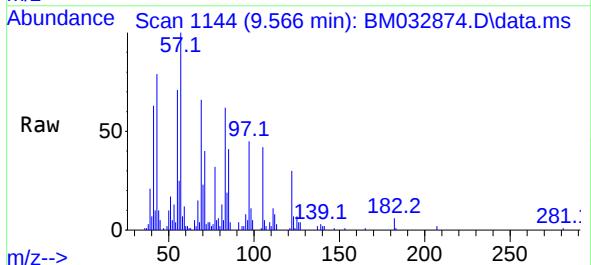
Tgt Ion: 82 Resp: 74139
Ion Ratio Lower Upper
82 100
128 43.6 29.0 43.6
54 50.6 45.8 68.8

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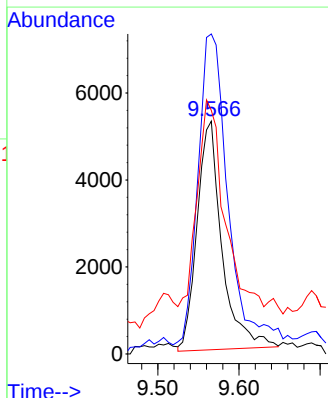
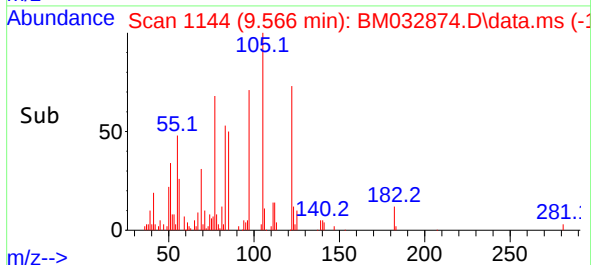
Reviewed By :Jagrut Upadhyay 11/08/2021
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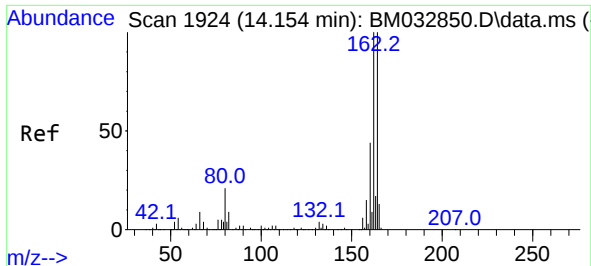


#32
Benzoic acid
Concen: 2.388 ng
RT: 9.566 min Scan# 1144
Delta R.T. -0.100 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36



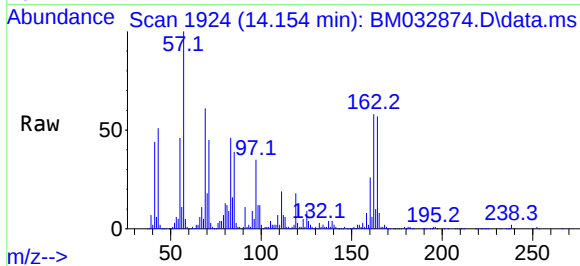
Tgt Ion:122 Resp: 11232
Ion Ratio Lower Upper
122 100
105 137.5 120.3 160.3
77 104.7 100.0 140.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.154 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36

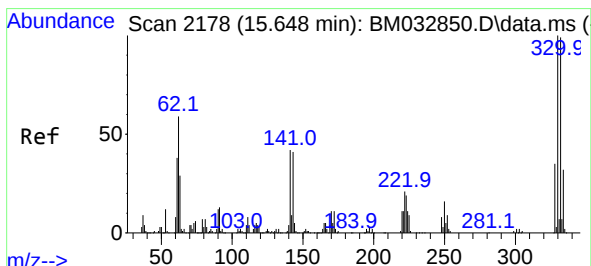
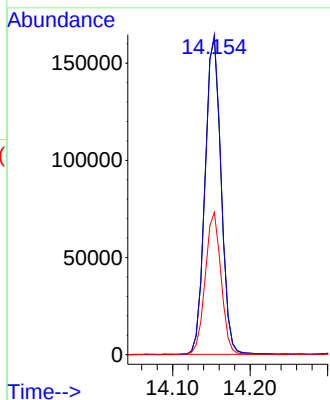
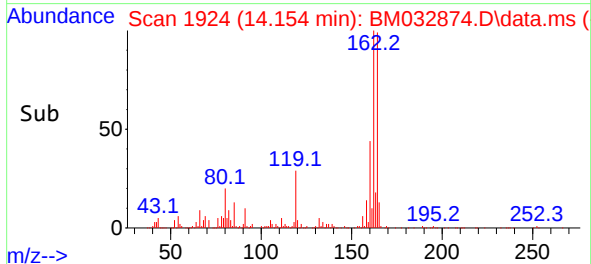
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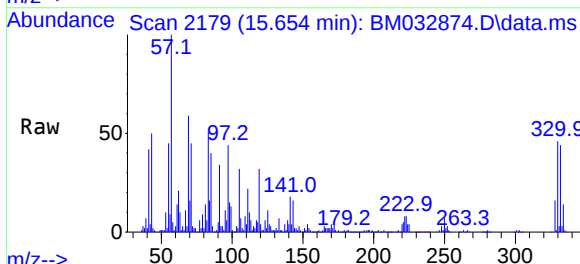
Tgt Ion:164 Resp: 234652
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 45.1 35.1 52.7

Manual Integrations
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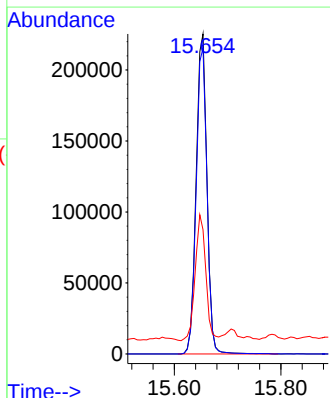
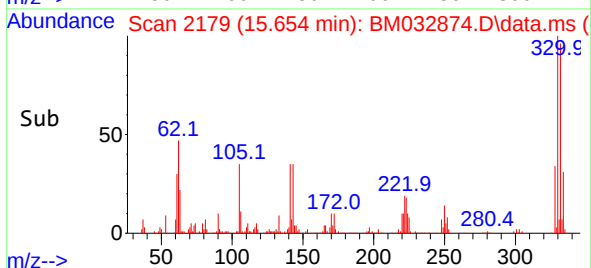
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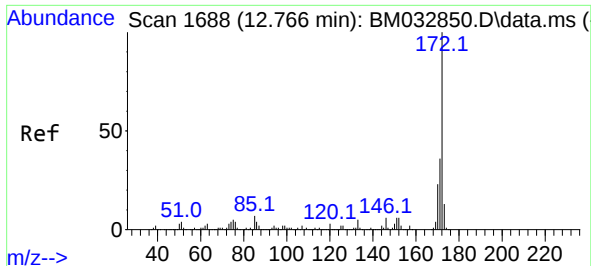


#42
2,4,6-Tribromophenol
Concen: 120.361 ng
RT: 15.654 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36



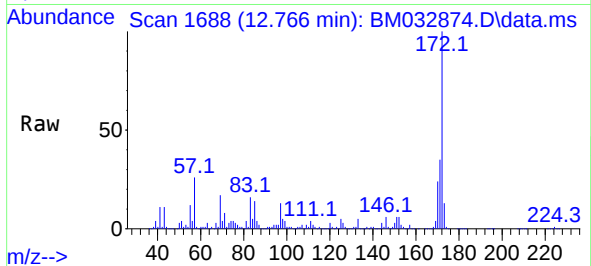
Tgt Ion:330 Resp: 316302
Ion Ratio Lower Upper
330 100
332 95.9 75.7 113.5
141 38.9 50.7 76.1#





#45
2-Fluorobiphenyl
Concen: 96.156 ng
RT: 12.766 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36

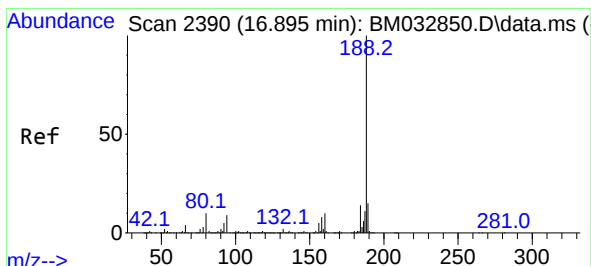
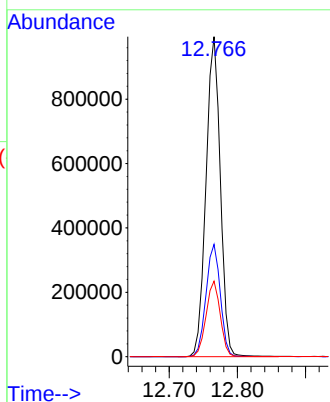
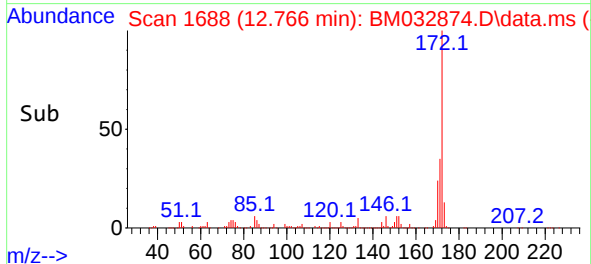
Instrument :
BNA_M
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FDR-20211101-WC-L



Tgt Ion:172 Resp: 145477
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.6 18.6 27.8

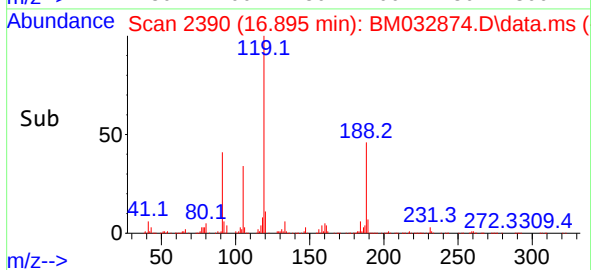
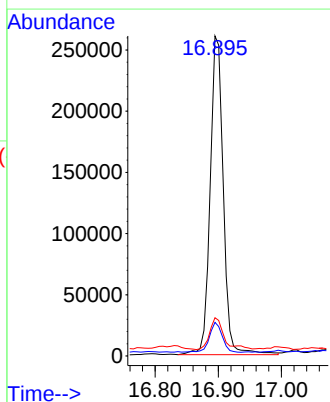
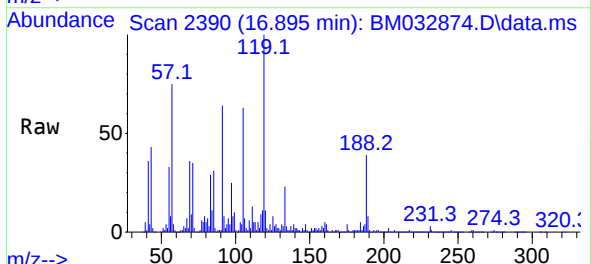
Manual Integrations
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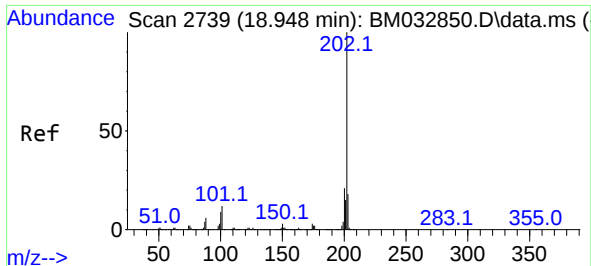
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36

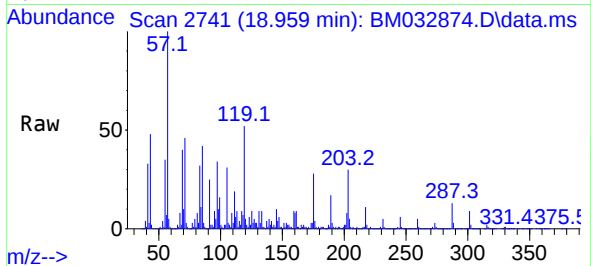
Tgt Ion:188 Resp: 376377
Ion Ratio Lower Upper
188 100
94 10.5 6.3 9.5#
80 12.0 7.3 10.9#





#75
Fluoranthene
Concen: 2.850 ng
RT: 18.959 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36

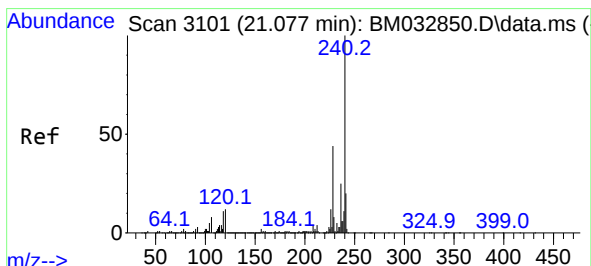
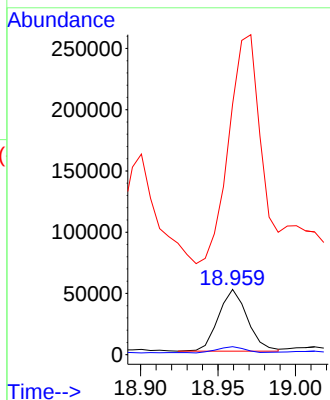
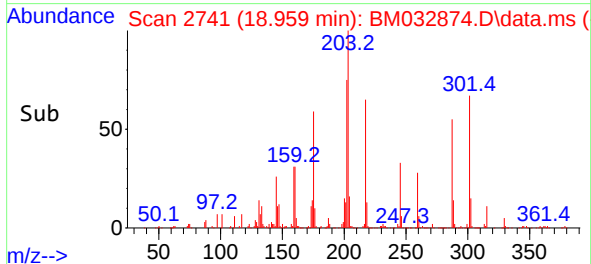
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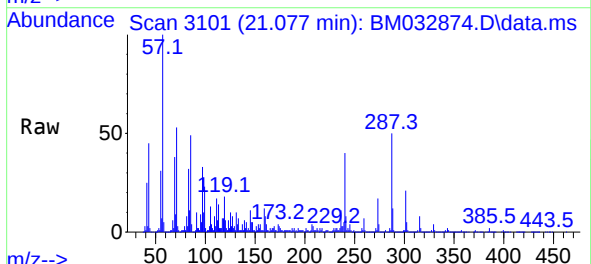
Tgt Ion:202 Resp: 6526
Ion Ratio Lower Upper
202 100
101 12.3 0.0 29.9
203 384.0 0.0 36.8

Manual Integrations
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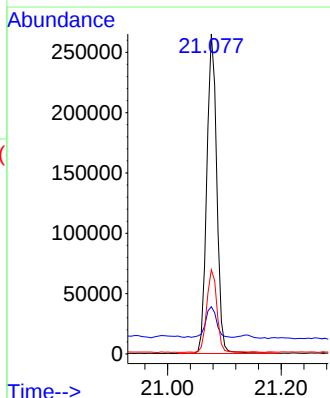
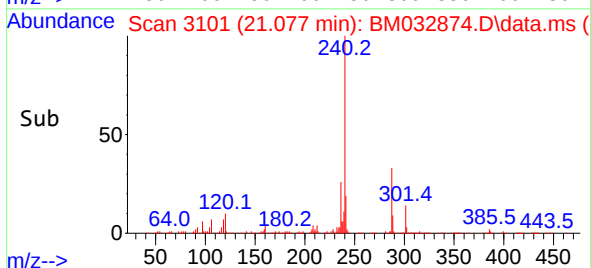
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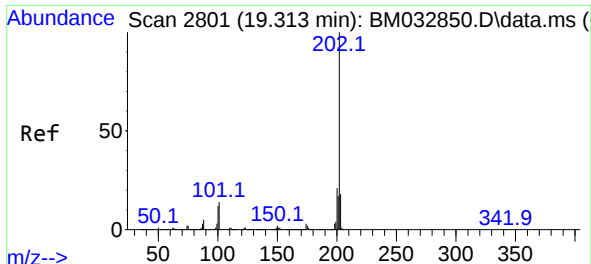


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.077 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36



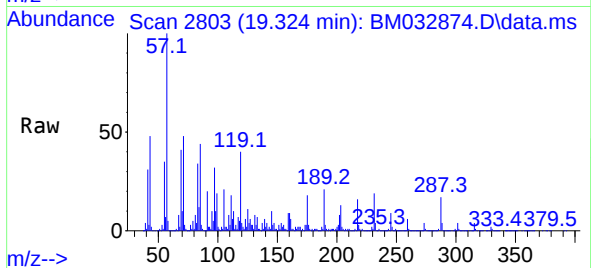
Tgt Ion:240 Resp: 322156
Ion Ratio Lower Upper
240 100
120 14.8 7.8 11.6#
236 26.3 20.9 31.3





#78
Pyrene
Concen: 3.113 ng
RT: 19.324 min Scan# 2803
Delta R.T. 0.012 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36

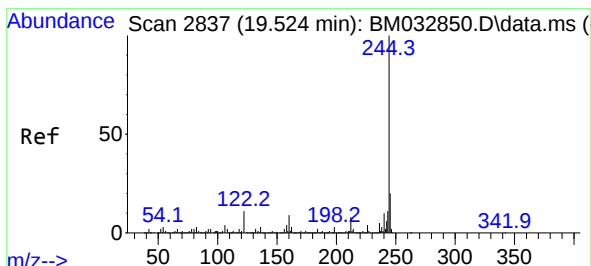
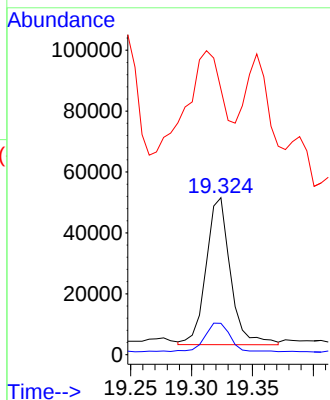
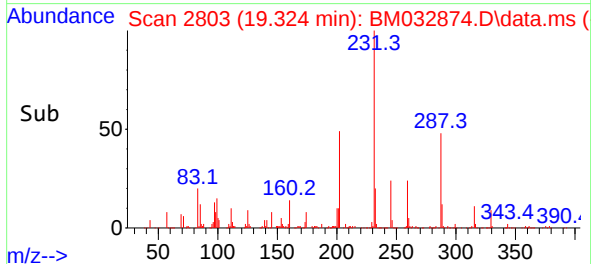
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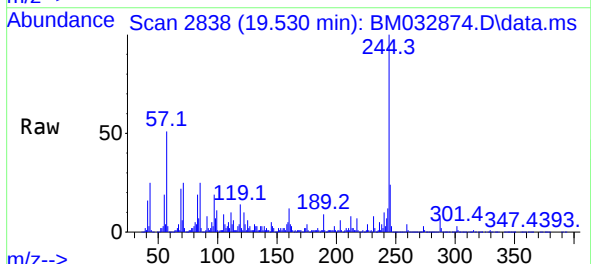
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Ion Ratio Lower Upper
202 100
200 19.9 16.6 25.0
203 169.1 13.7 20.5

Manual Integrations
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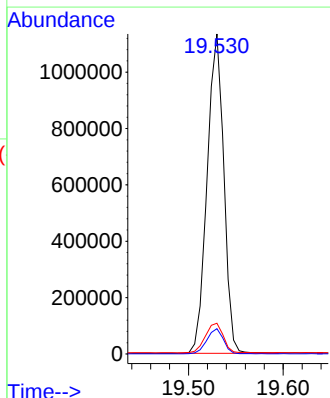
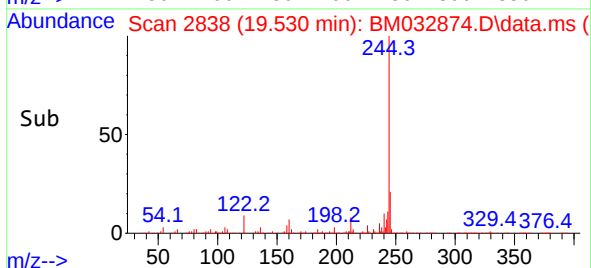
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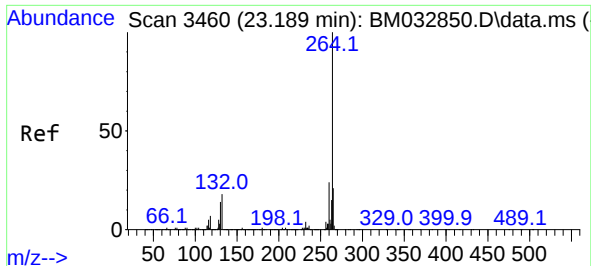


#79
Terphenyl-d14
Concen: 93.896 ng
RT: 19.530 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36



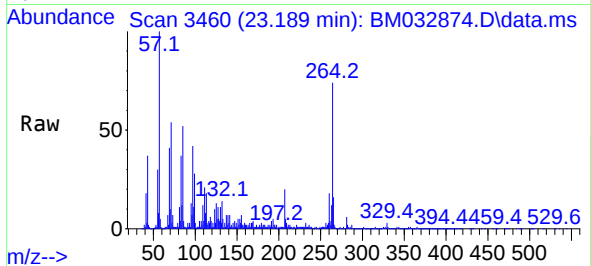
Tgt Ion:244 Resp: 1385499
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.6 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.189 min Scan# 3460
Delta R.T. -0.000 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36

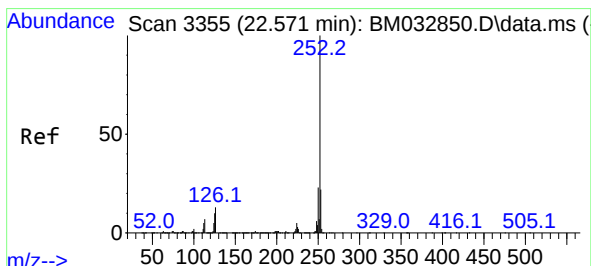
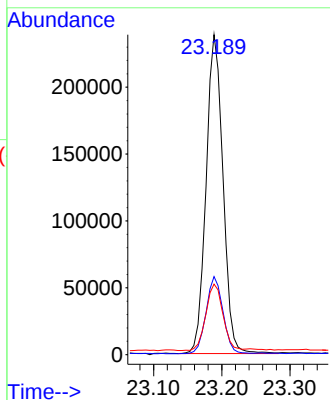
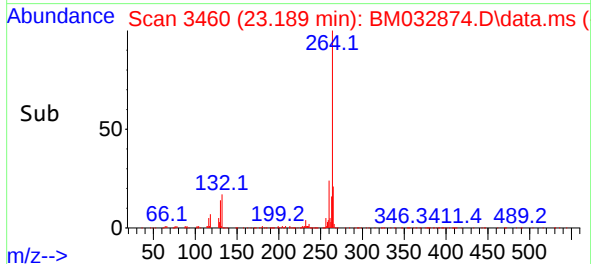
Instrument :
BNA_M
ClientSampleId :
FDR-20211101-WC-L



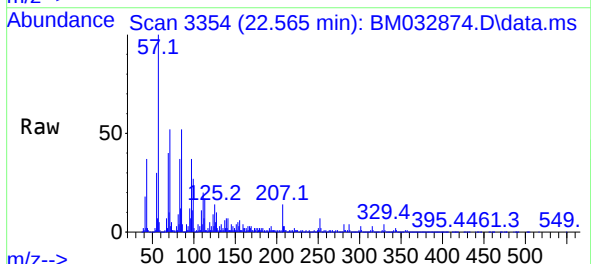
Tgt Ion:264 Resp: 41100
Ion Ratio Lower Upper
264 100
260 24.4 19.3 28.9
265 22.1 18.3 27.5

Manual Integrations
APPROVED

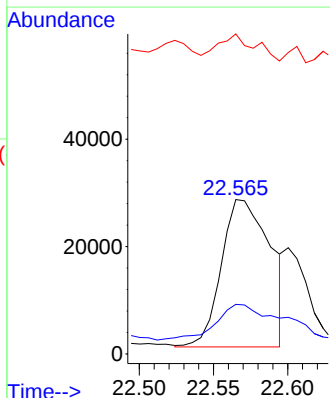
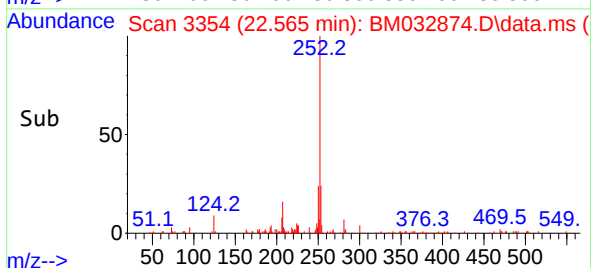
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

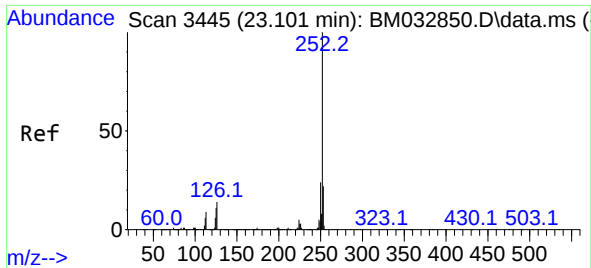


#88
Benzo(b)fluoranthene
Concen: 2.514 ng m
RT: 22.565 min Scan# 3354
Delta R.T. -0.006 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36



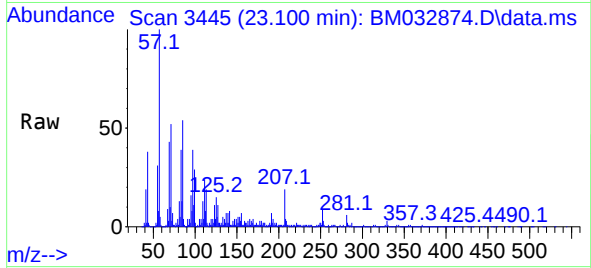
Tgt Ion:252 Resp: 62922
Ion Ratio Lower Upper
252 100
253 32.1 18.0 27.0#
125 207.3 7.5 11.3#





#90
Benzo(a)pyrene
Concen: 2.465 ng
RT: 23.100 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM032874.D
Acq: 04 Nov 2021 14:36

Instrument :
BNA_M
ClientSampleId :
FDR-20211101-WC-L



Tgt Ion:252 Resp: 50958
Ion Ratio Lower Upper
252 100
253 28.3 17.4 26.2
125 165.0 8.1 12.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

