

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044440.D
 Acq On : 29 Feb 2024 15:27
 Operator : MA/JU
 Sample : P1512-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EOS90

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024

Quant Time: Feb 29 16:09:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 29 03:37:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	165053	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	737331	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	421711	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	869258	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	744566	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	831555	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	25770	4.926	ng/uL	0.00
4) Pyridine-d5	3.793	84	164778	11.534	ng/u1	0.00
7) Phenol-d5	7.116	99	496530	31.403	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	323015	31.547	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	400449	33.627	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	274694	22.961	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	193688	32.308	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	201666	32.971	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.380	165	342727	31.765	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	338032	18.654	ng/u1	0.00
46) Dimethylphthalate-d6	14.021	166	1027833	31.602	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1230953	32.895	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	84892	13.117	ng/u1	0.00
60) Fluorene-d10	15.586	176	900265	32.703	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	65641	12.170	ng/u1	0.00
73) Anthracene-d10	17.439	188	1250263	30.165	ng/u1	0.00
81) Pyrene-d10	19.739	212	1546345	34.521	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	1391106	32.648	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.145	94	30958	1.884	ng/u1	93
16) Acetophenone	8.792	105	73736	3.858	ng/u1	99
30) Naphthalene	10.810	128	66768	1.592	ng/u1	99
72) Phenanthrene	17.386	178	190949	3.829	ng/u1	98
74) Anthracene	17.474	178	51308	1.022	ng/u1	97
80) Fluoranthene	19.403	202	364789	6.790	ng/u1	96
82) Pyrene	19.768	202	299298	5.312	ng/u1	96
85) Benzo(a)anthracene	21.521	228	141636	2.551	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.468	149	45199	1.167	ng/u1	98
87) Chrysene	21.574	228	202347	3.876	ng/u1	99
90) Benzo(b)fluoranthene	23.221	252	261887	4.913	ng/u1#	95
91) Benzo(k)fluoranthene	23.268	252	90767m	1.658	ng/u1	
93) Benzo(a)pyrene	23.850	252	140358	2.731	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.485	276	113685	1.829	ng/u1	96
96) Benzo(g,h,i)perylene	27.268	276	93899	1.868	ng/u1	98

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

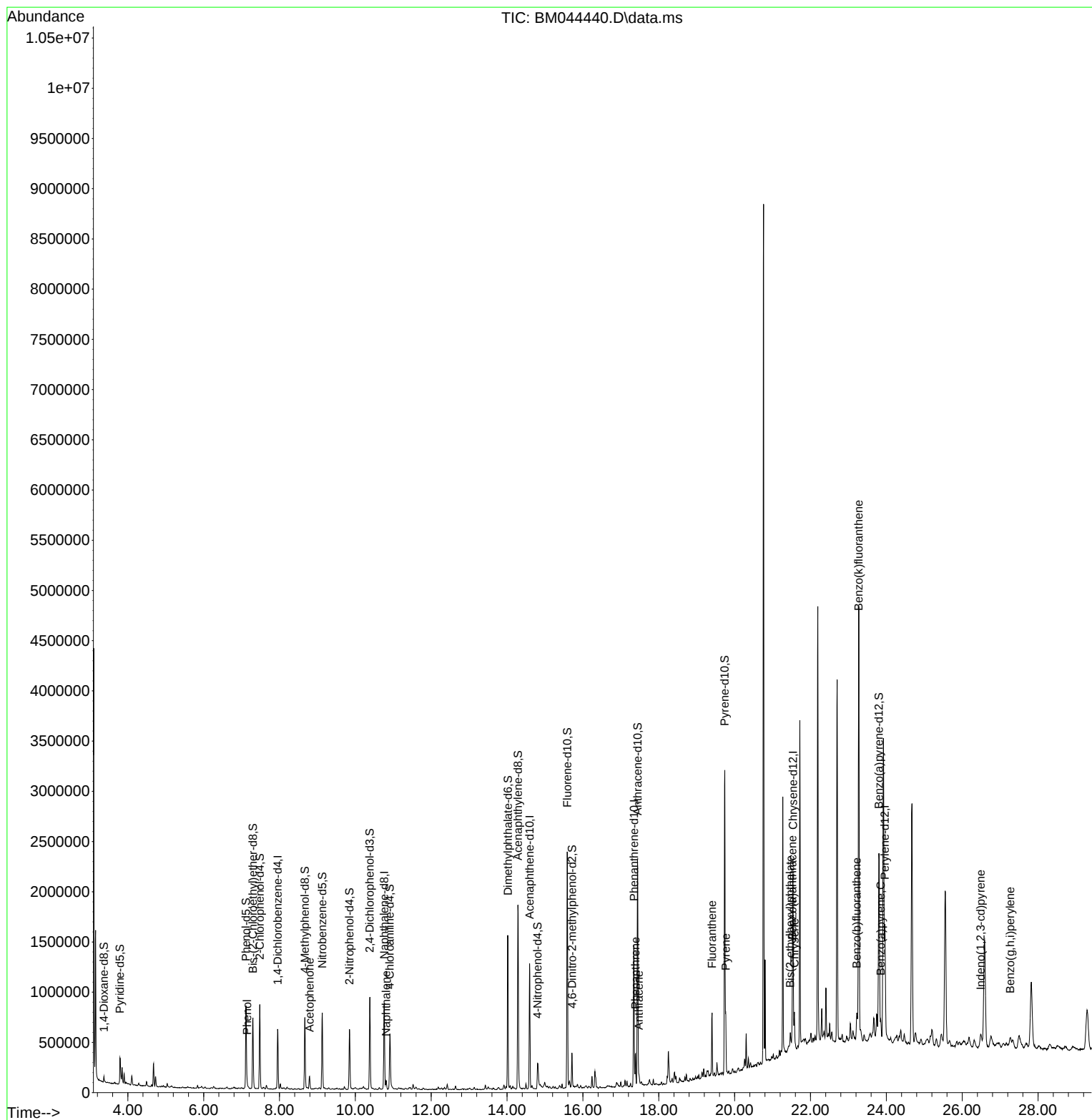
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
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 Misc :
 ALS Vial : 40 Sample Multiplier: 1

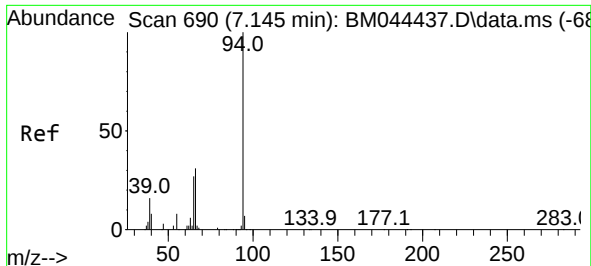
Instrument :
 BNA_M
 ClientSampleId :
 E0S90

Quant Time: Feb 29 16:09:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 29 03:37:20 2024
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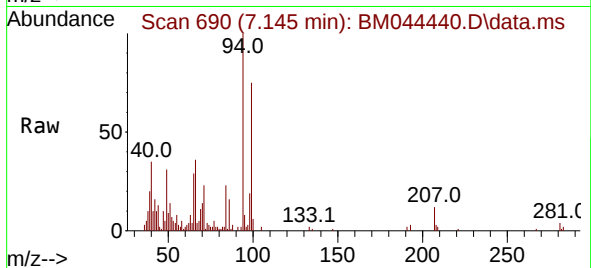
Reviewed By :Yogesh Patel 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024





#8
Phenol
Concen: 1.884 ng/ul
RT: 7.145 min Scan# 690
Delta R.T. 0.006 min
Lab File: BM044440.D
Acq: 29 Feb 2024 15:27

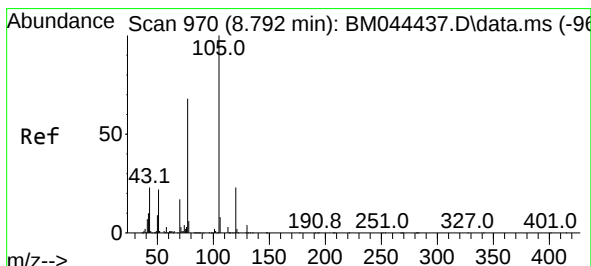
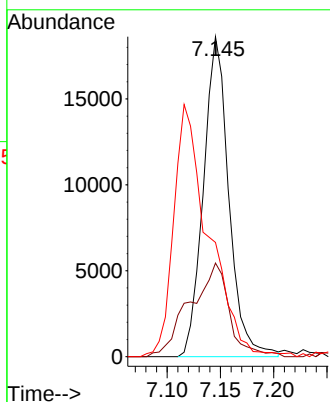
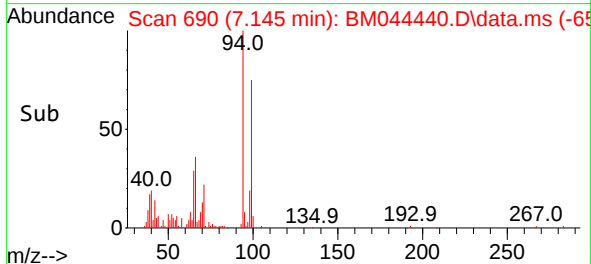
Instrument :
BNA_M
ClientSampleId :
E0S90



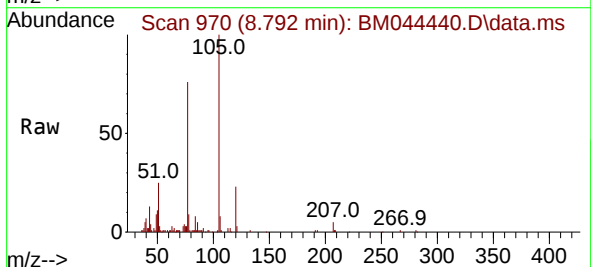
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Ion Ratio Lower Upper
94 100
65 29.2 20.6 31.0
66 35.7 25.4 38.0

Manual Integrations
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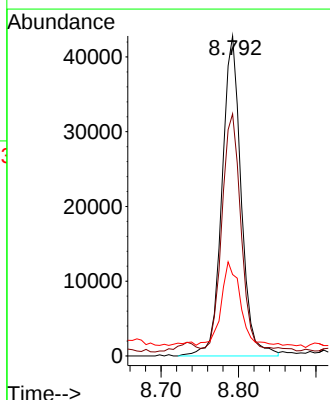
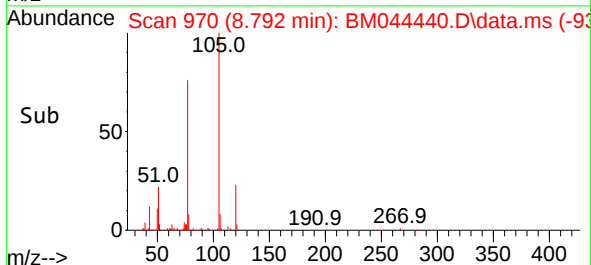
Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

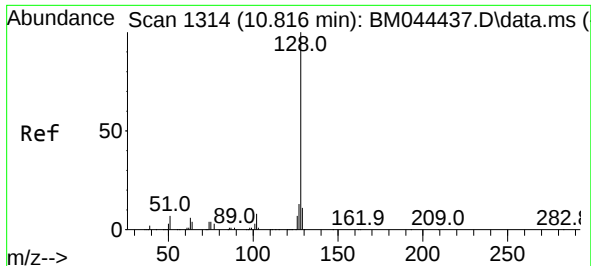


#16
Acetophenone
Concen: 3.858 ng/ul
RT: 8.792 min Scan# 970
Delta R.T. 0.006 min
Lab File: BM044440.D
Acq: 29 Feb 2024 15:27



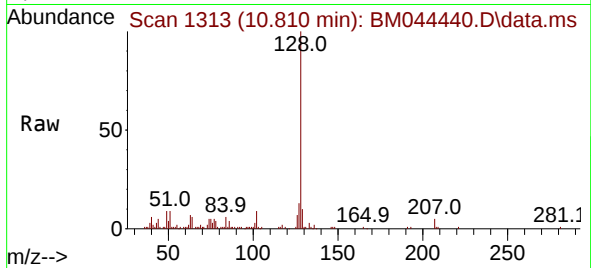
Tgt Ion:105 Resp: 73736
Ion Ratio Lower Upper
105 100
77 75.7 61.2 91.8
51 25.5 21.1 31.7





#30
Naphthalene
Concen: 1.592 ng/ul
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM044440.D
Acq: 29 Feb 2024 15:27

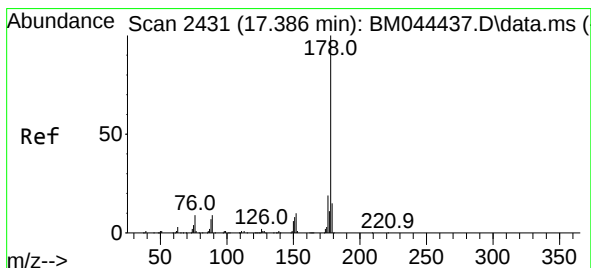
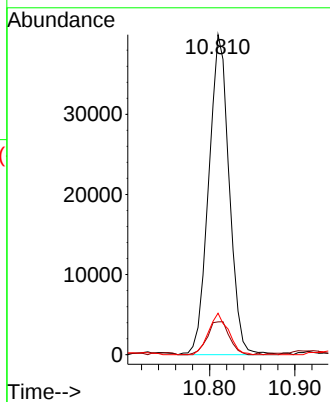
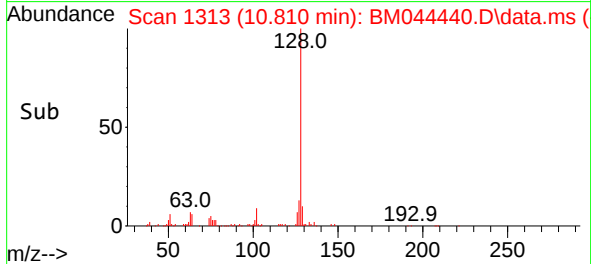
Instrument :
BNA_M
ClientSampleId :
E0S90



Tgt Ion:128 Resp: 66768
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 13.0 10.2 15.2

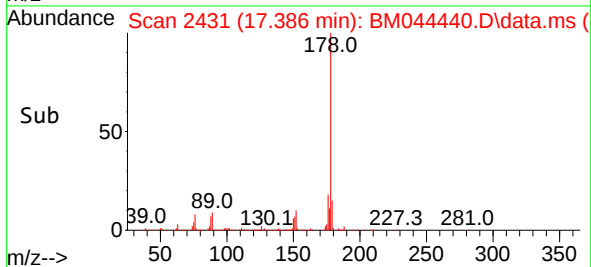
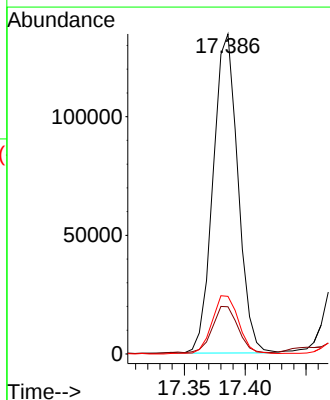
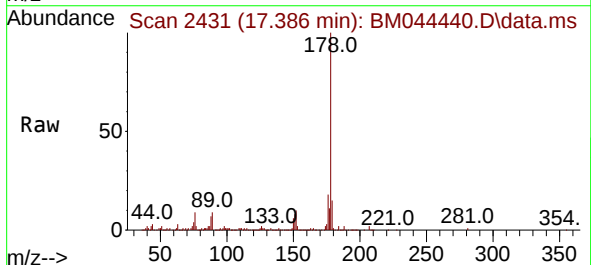
Manual Integrations
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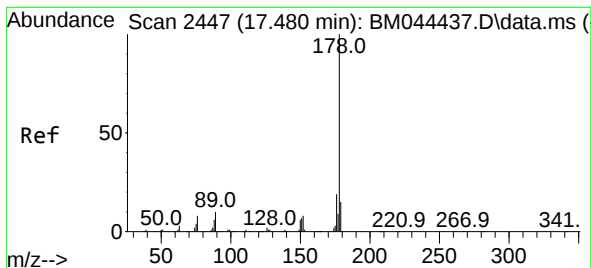
Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#72
Phenanthrene
Concen: 3.829 ng/ul
RT: 17.386 min Scan# 2431
Delta R.T. 0.006 min
Lab File: BM044440.D
Acq: 29 Feb 2024 15:27

Tgt Ion:178 Resp: 190949
Ion Ratio Lower Upper
178 100
179 14.8 12.2 18.4
176 18.0 15.6 23.4





#74

Anthracene

Concen: 1.022 ng/ul

RT: 17.474 min Scan# 2447

Delta R.T. -0.000 min

Lab File: BM044440.D

Acq: 29 Feb 2024 15:27

Instrument :

BNA_M

ClientSampleId :

EOS90

Tgt Ion:178 Resp: 51308

Ion Ratio Lower Upper

178 100

179 17.4 12.2 18.2

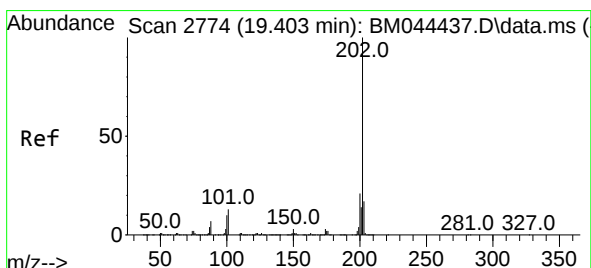
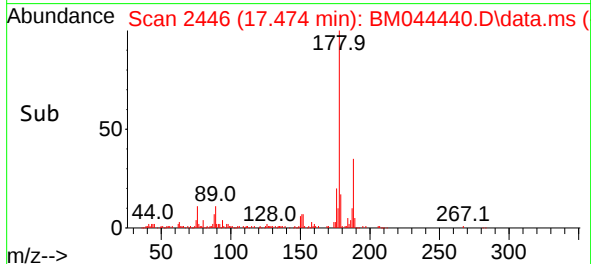
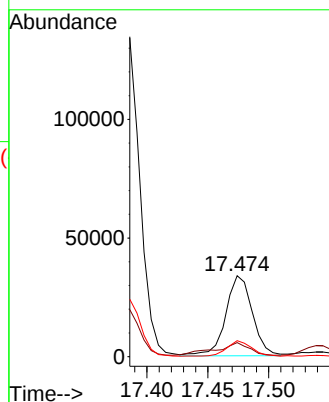
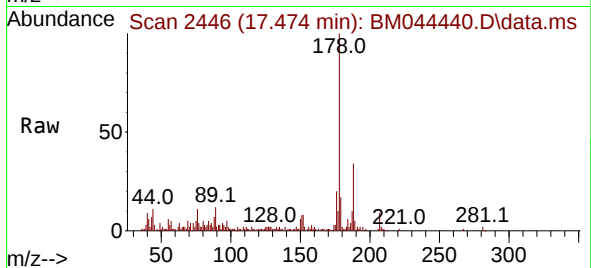
176 19.7 15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 03/01/2024

Supervised By :mohammad ahmed 03/02/2024



#80

Fluoranthene

Concen: 6.790 ng/ul

RT: 19.403 min Scan# 2774

Delta R.T. 0.006 min

Lab File: BM044440.D

Acq: 29 Feb 2024 15:27

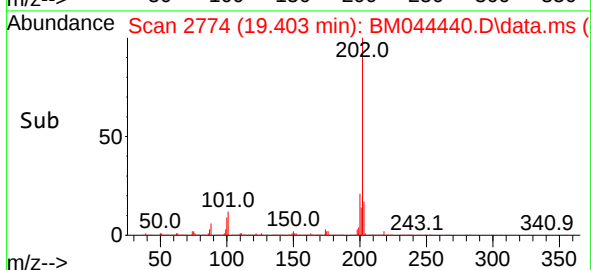
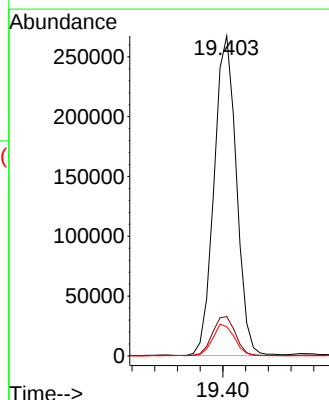
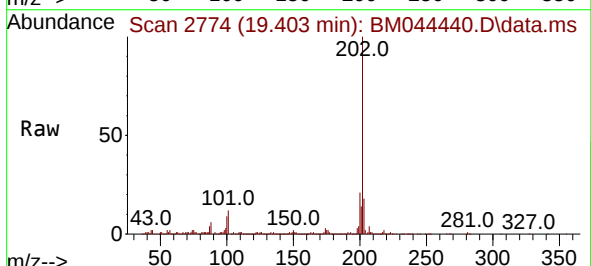
Tgt Ion:202 Resp: 364789

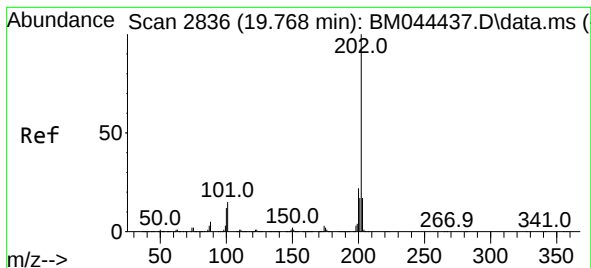
Ion Ratio Lower Upper

202 100

101 12.3 11.1 16.7

100 9.1 8.2 12.2





#82

Pyrene

Concen: 5.312 ng/ul

RT: 19.768 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM044440.D

Acq: 29 Feb 2024 15:27

Instrument :

BNA_M

ClientSampleId :

EOS90

Tgt Ion:202 Resp: 299298

Ion Ratio Lower Upper

202 100

101 13.9 12.6 18.8

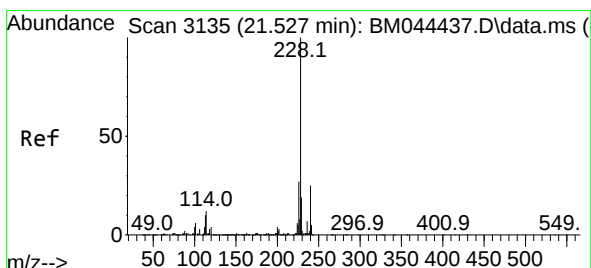
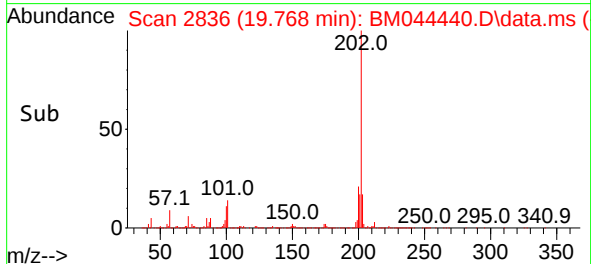
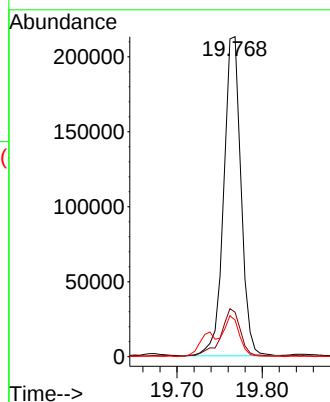
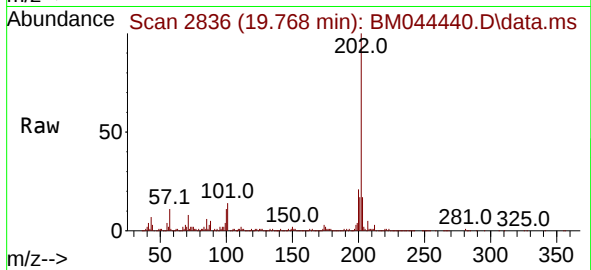
100 11.5 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/01/2024

Supervised By :mohammad ahmed 03/02/2024



#85

Benzo(a)anthracene

Concen: 2.551 ng/ul

RT: 21.521 min Scan# 3134

Delta R.T. 0.006 min

Lab File: BM044440.D

Acq: 29 Feb 2024 15:27

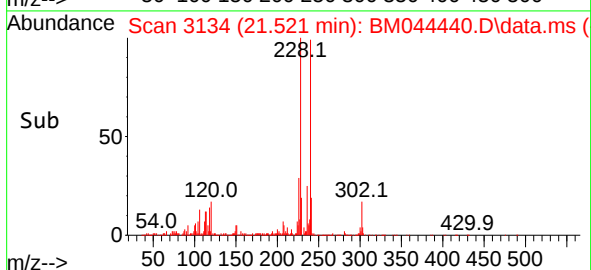
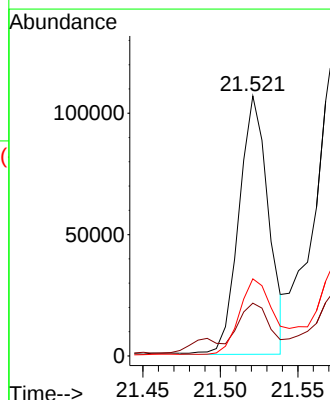
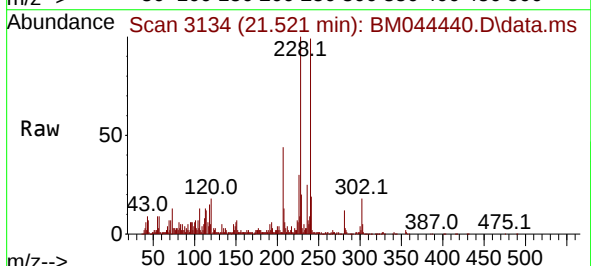
Tgt Ion:228 Resp: 141636

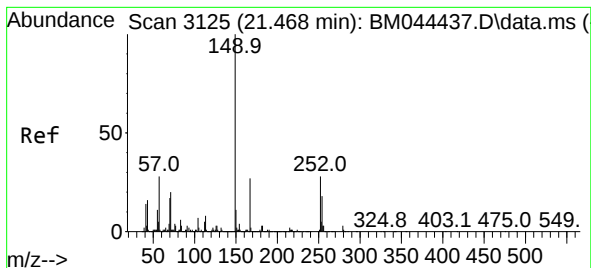
Ion Ratio Lower Upper

228 100

229 20.3 15.4 23.0

226 29.7 21.2 31.8





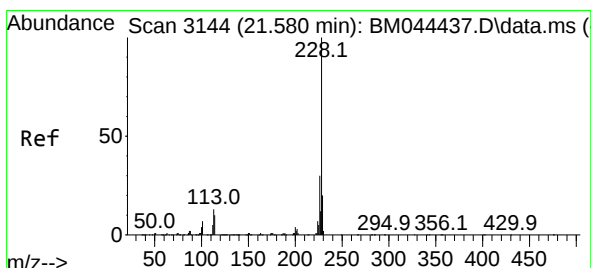
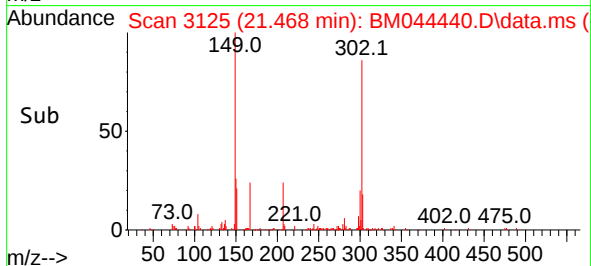
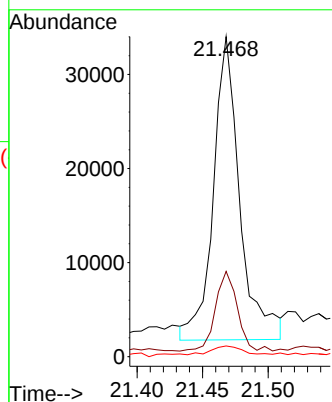
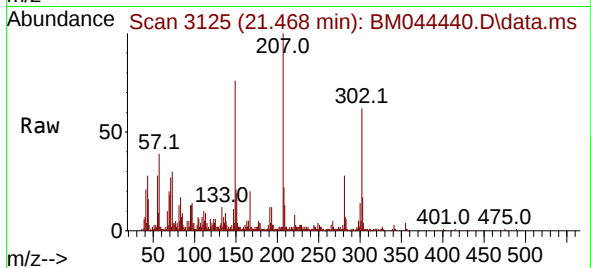
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.167 ng/ul
RT: 21.468 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BM044440.D
Acq: 29 Feb 2024 15:27

Instrument :
BNA_M
ClientSampleId :
E0S90

Tgt Ion:149 Resp: 45199
Ion Ratio Lower Upper
149 100
167 26.6 22.1 33.1
279 3.3 2.4 3.6

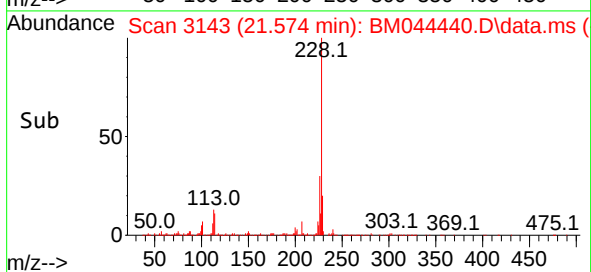
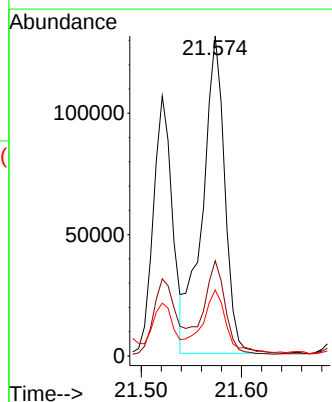
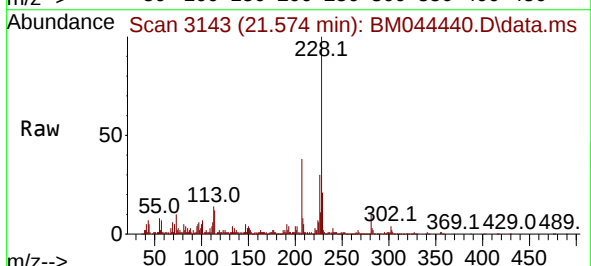
Manual Integrations
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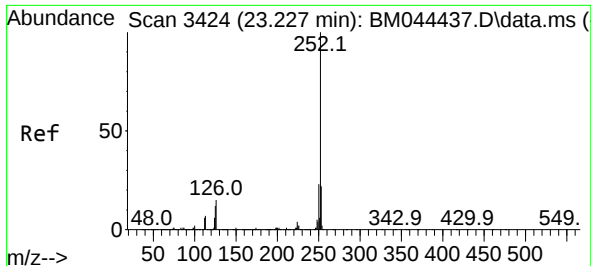
Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#87
Chrysene
Concen: 3.876 ng/ul
RT: 21.574 min Scan# 3143
Delta R.T. -0.000 min
Lab File: BM044440.D
Acq: 29 Feb 2024 15:27

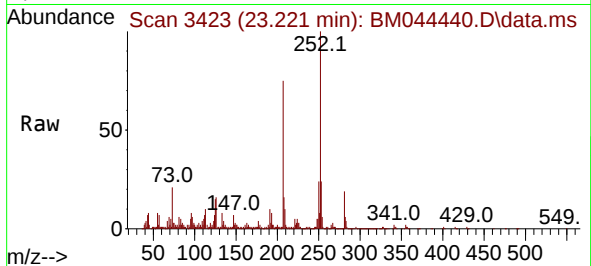
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Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 20.6 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 4.913 ng/ul
RT: 23.221 min Scan# 3424
Delta R.T. 0.006 min
Lab File: BM044440.D
Acq: 29 Feb 2024 15:27

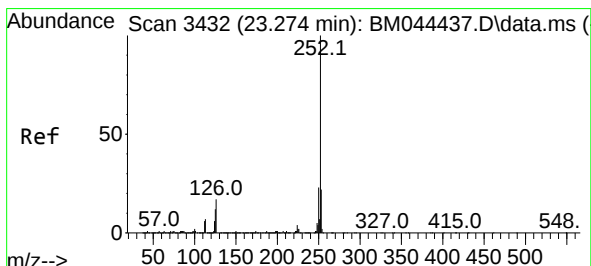
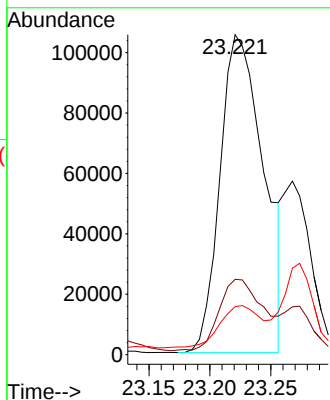
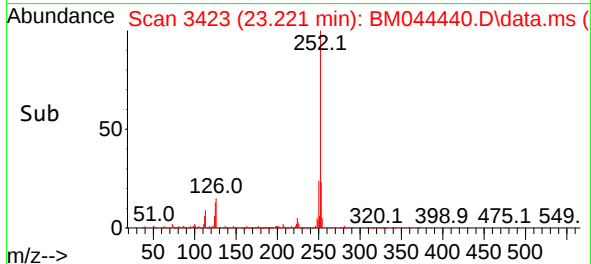
Instrument :
BNA_M
ClientSampleId :
E0S90



Tgt Ion:252 Resp: 26188
Ion Ratio Lower Upper
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253 23.6 17.6 26.4
125 15.0 9.8 14.8

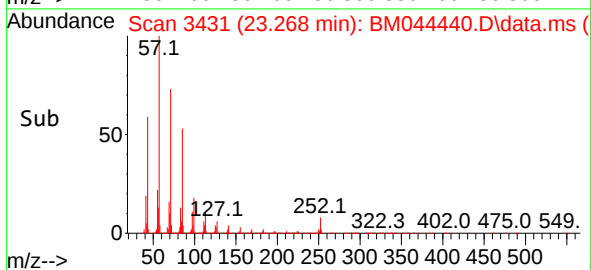
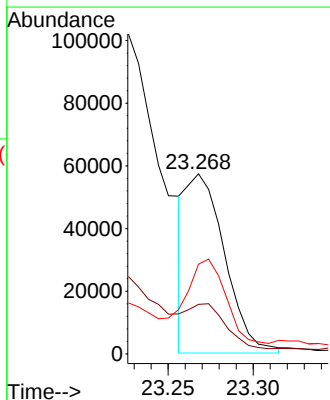
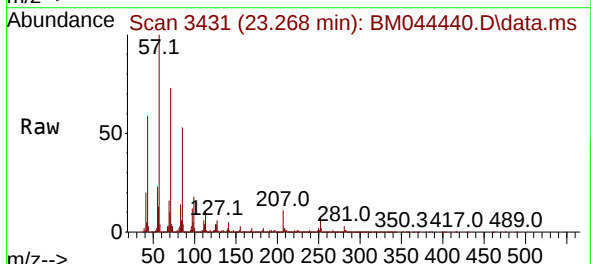
Manual Integrations
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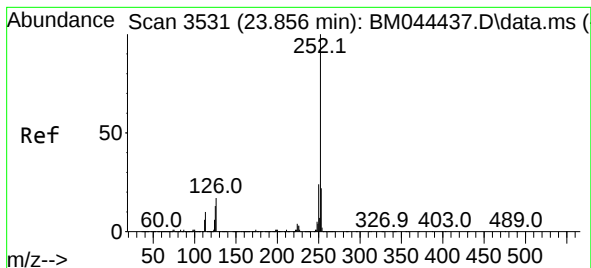
Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#91
Benzo(k)fluoranthene
Concen: 1.658 ng/ul m
RT: 23.268 min Scan# 3431
Delta R.T. -0.000 min
Lab File: BM044440.D
Acq: 29 Feb 2024 15:27

Tgt Ion:252 Resp: 90767
Ion Ratio Lower Upper
252 100
253 27.6 17.4 26.0#
125 49.8 9.4 14.2#





#93

Benzo(a)pyrene

Concen: 2.731 ng/ul

RT: 23.850 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM044440.D

Acq: 29 Feb 2024 15:27

Instrument :

BNA_M

ClientSampleId :

EOS90

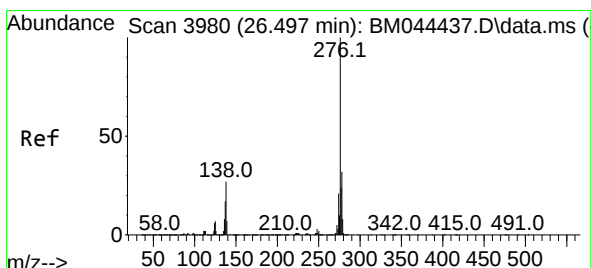
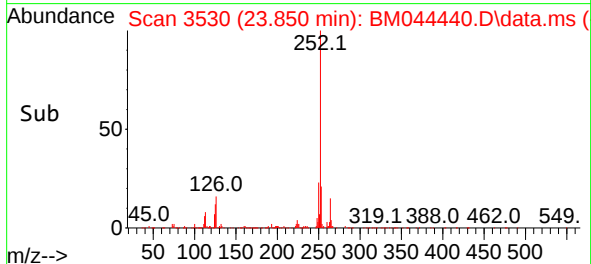
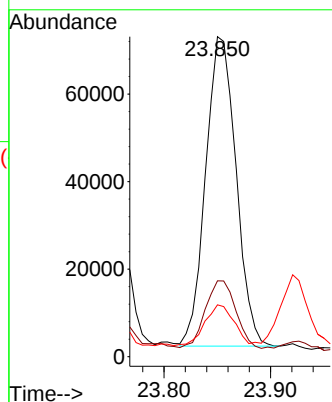
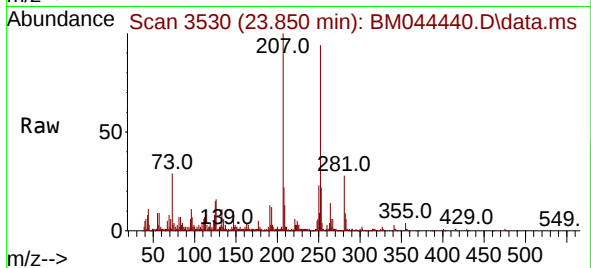
Tgt Ion:	252	Resp:	140358
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	16.2	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/01/2024

Supervised By :mohammad ahmed 03/02/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.829 ng/ul

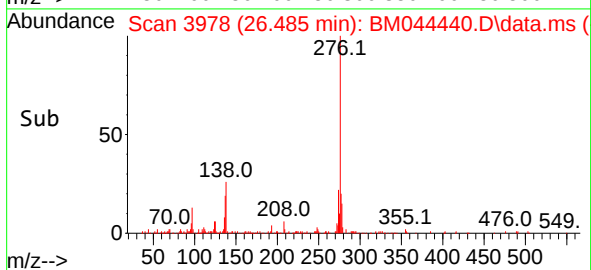
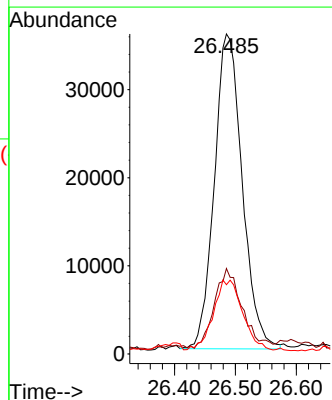
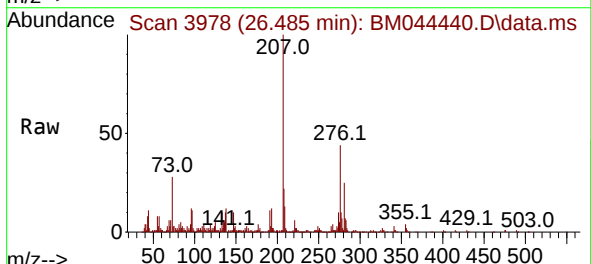
RT: 26.485 min Scan# 3978

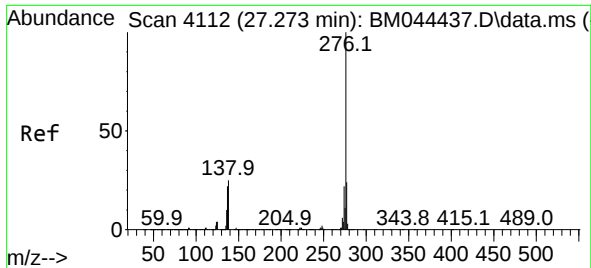
Delta R.T. -0.000 min

Lab File: BM044440.D

Acq: 29 Feb 2024 15:27

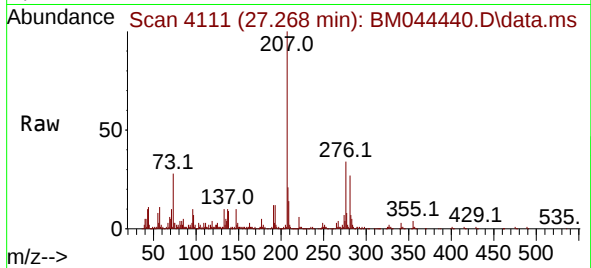
Tgt Ion:	276	Resp:	113685
Ion Ratio	Lower	Upper	
276	100		
138	26.7	22.1	33.1
277	21.6	19.9	29.9





#96
 Benzo(g,h,i)perylene
 Concen: 1.868 ng/ul
 RT: 27.268 min Scan# 4111
 Delta R.T. 0.006 min
 Lab File: BM044440.D
 Acq: 29 Feb 2024 15:27

Instrument :
 BNA_M
 ClientSampleId :
 E0S90



Tgt Ion:	276	Resp:	9389
Ion Ratio	Lower	Upper	
276	100		
138	27.7	21.6	32.4
277	24.4	18.5	27.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024

