

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043727.D
 Acq On : 03 Jan 2024 11:31
 Operator : MA/JU
 Sample : 05919-14RE
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF46RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 04 10:02:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	361156	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	1439338	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.616	164	878954	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.463	188	641021m	20.000	ng/ul	0.12
79) Chrysene-d12	21.609	240	1510851	20.000	ng/ul	0.09
88) Perylene-d12	24.027	264	1905169	20.000	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	9937	0.894	ng/uL	0.00
4) Pyridine-d5	3.828	84	103460	3.235	ng/ul	0.04
7) Phenol-d5	7.151	99	225546	5.490	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	7.304	67	152782	5.872	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	188370	6.005	ng/ul	0.01
15) 4-Methylphenol-d8	8.693	113	175773	5.513	ng/ul	0.02
21) Nitrobenzene-d5	9.140	128	94353	6.775	ng/ul	0.01
24) 2-Nitrophenol-d4	9.857	143	105014	7.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	174726	6.879	ng/ul	0.03
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.033	166	514710	6.505	ng/ul	0.02
49) Acenaphthylene-d8	14.304	160	603597	6.431	ng/ul	0.02
54) 4-Nitrophenol-d4	14.833	143	16724	1.117	ng/ul	0.04
60) Fluorene-d10	15.621	176	641931m	9.811	ng/ul	0.04
65) 4,6-Dinitro-2-methylph...	15.810	200	76048m	17.938	ng/ul	0.10
73) Anthracene-d10	17.592	188	162444m	4.519	ng/ul	0.15
81) Pyrene-d10	19.868	212	259242m	2.173	ng/ul	0.14
92) Benzo(a)pyrene-d12	23.862	264	740069m	6.295	ng/ul	0.09
Target Compounds						
36) 2-Methylnaphthalene	12.433	142	631618	10.115	ng/ul	96
37) 1-Methylnaphthalene	12.651	142	543056	8.622	ng/ul#	98
43) 1,1'-Biphenyl	13.445	154	157143	1.876	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.263	232	12941467m	835.677	ng/ul	
71) Pentachlorophenol	17.074	266	29169123m	5545.542	ng/ul	
72) Phenanthrene	17.545	178	8317323m	191.440	ng/ul	
82) Pyrene	19.898	202	1008805	6.643	ng/ul	98
83) Butylbenzylphthalate	20.739	149	494448	7.531	ng/ul#	83
86) Bis(2-ethylhexyl)phtha...	21.492	149	1861012	19.910	ng/ul#	81
87) Chrysene	21.645	228	495656m	4.361	ng/ul	

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

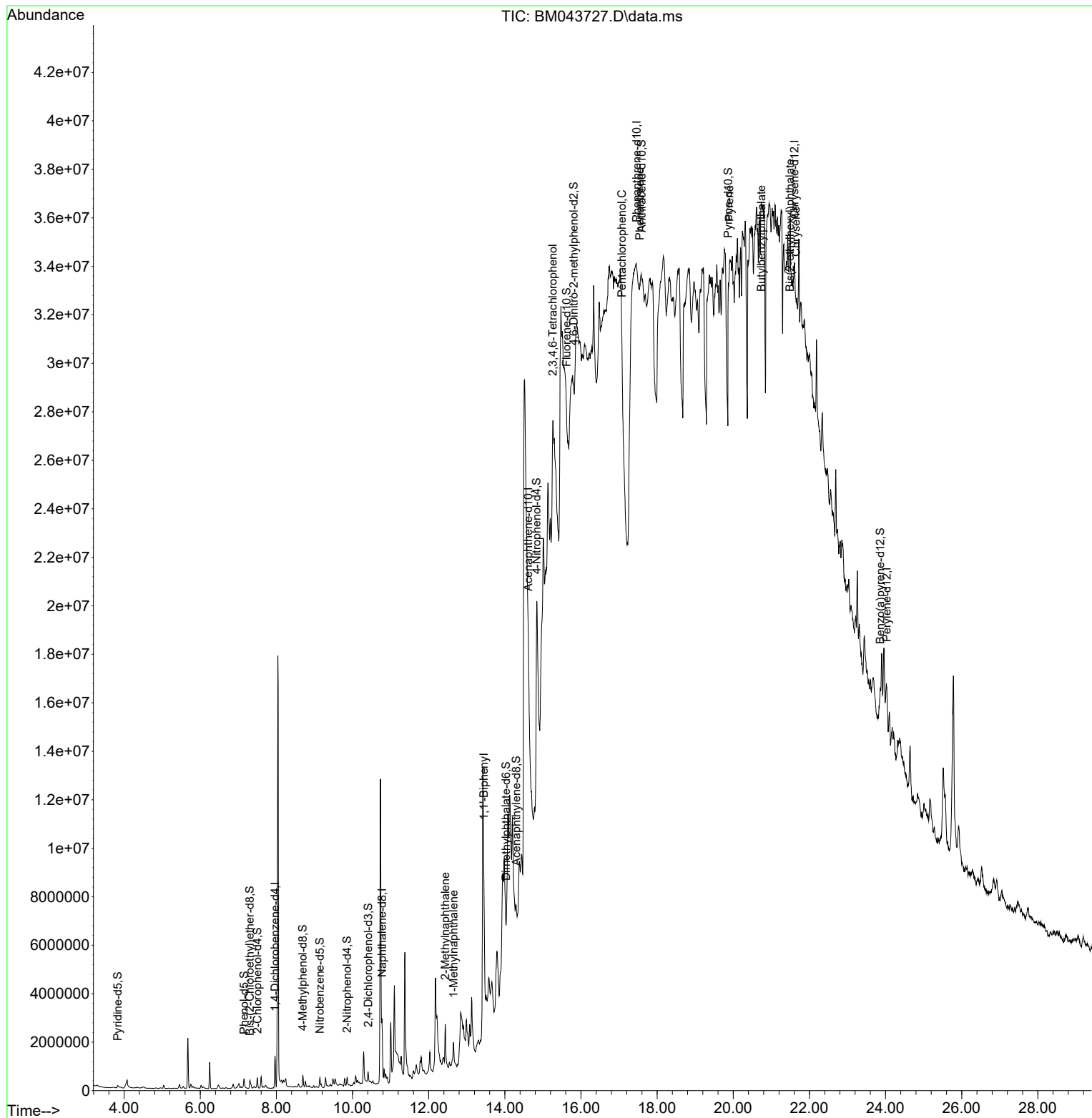
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
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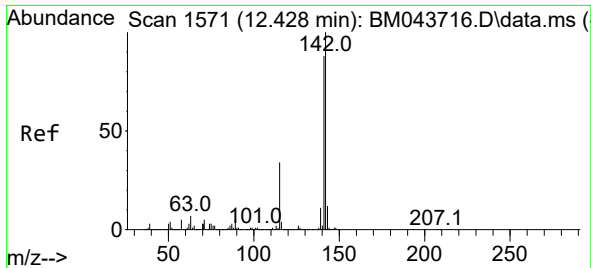
Instrument :
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Quant Time: Jan 04 10:02:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
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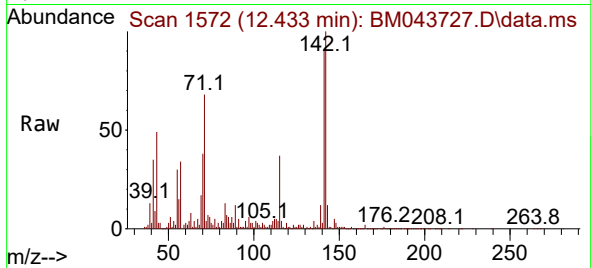
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024





#36
2-Methylnaphthalene
Concen: 10.115 ng/ul
RT: 12.433 min Scan# 1572
Delta R.T. 0.012 min
Lab File: BM043727.D
Acq: 03 Jan 2024 11:31

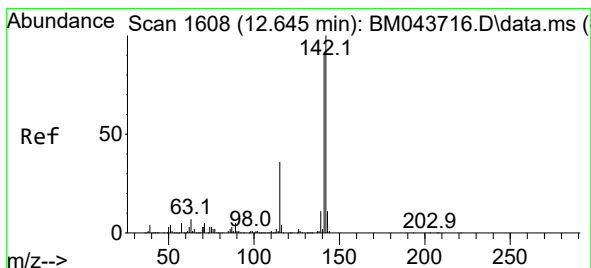
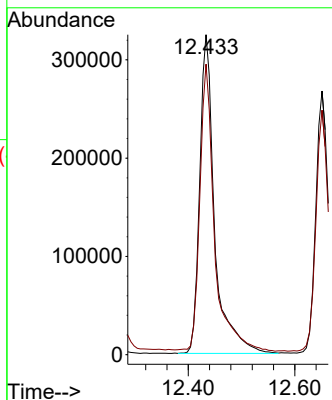
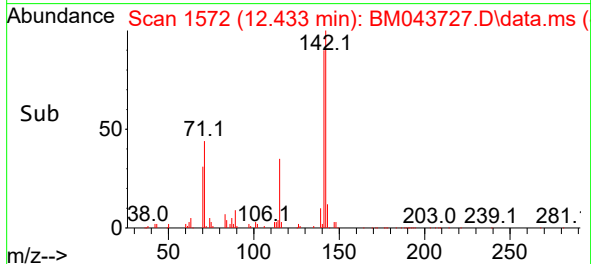
Instrument :
BNA_M
ClientSampleId :
GCF46RE



Tgt Ion:142 Resp: 631618
Ion Ratio Lower Upper
142 100
141 90.8 69.9 104.9

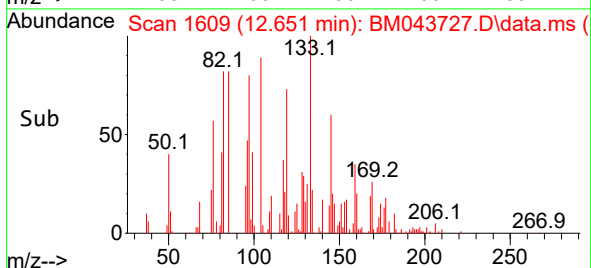
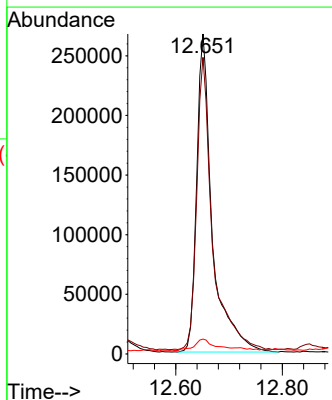
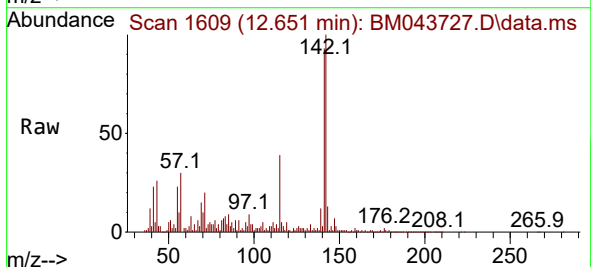
Manual Integrations
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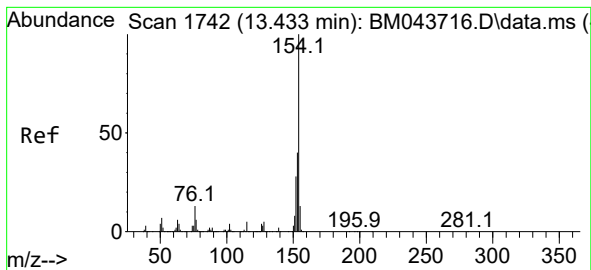
Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#37
1-Methylnaphthalene
Concen: 8.622 ng/ul
RT: 12.651 min Scan# 1609
Delta R.T. 0.012 min
Lab File: BM043727.D
Acq: 03 Jan 2024 11:31

Tgt Ion:142 Resp: 543056
Ion Ratio Lower Upper
142 100
141 92.7 73.0 109.4
116 4.7 3.0 4.6#





#43

1,1'-Biphenyl

Concen: 1.876 ng/ul

RT: 13.445 min Scan# 1

Delta R.T. 0.012 min

Lab File: BM043727.D

Acq: 03 Jan 2024 11:31

Instrument :

BNA_M

ClientSampleId :

GCF46RE

Tgt Ion:154 Resp: 15714

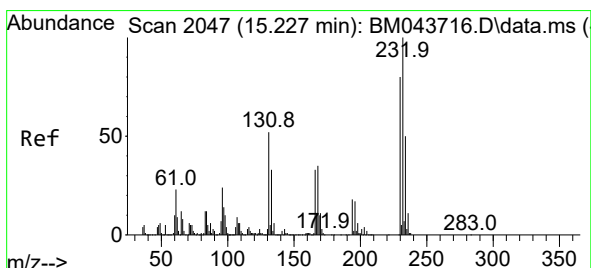
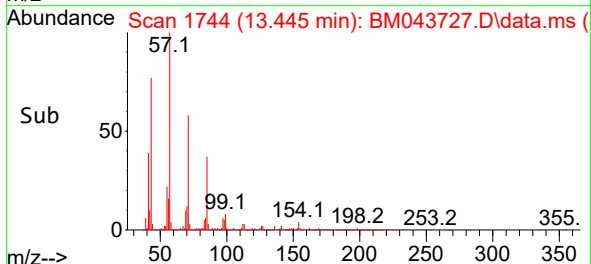
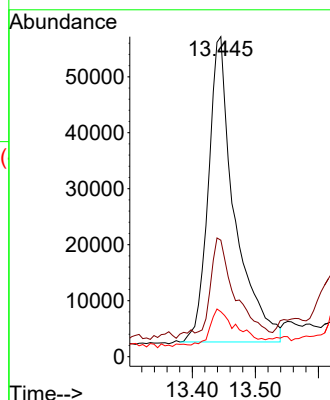
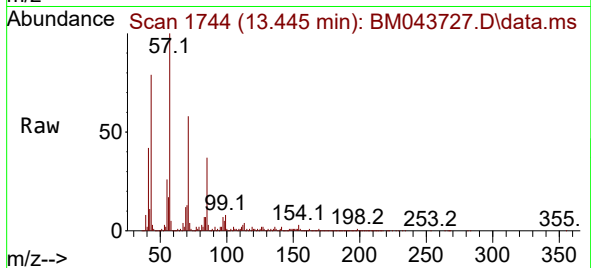
Ion	Ratio	Lower	Upper
154	100		
153	36.4	31.8	47.6
76	14.1	11.7	17.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 835.677 ng/ul m

RT: 15.263 min Scan# 2053

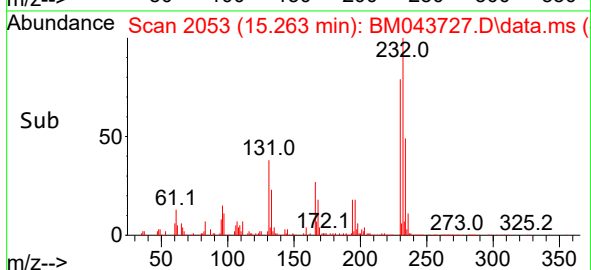
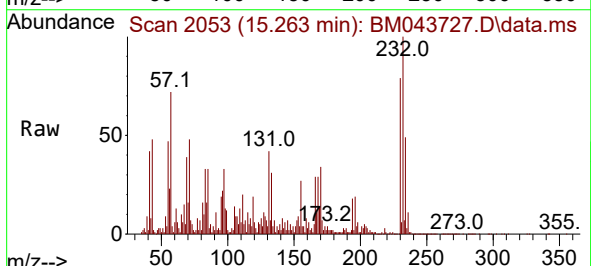
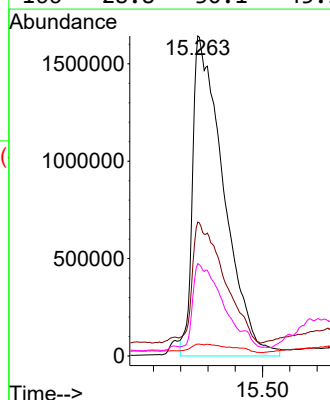
Delta R.T. 0.047 min

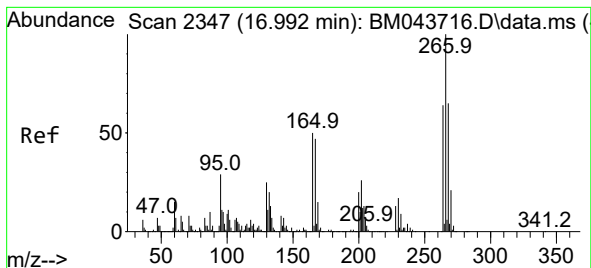
Lab File: BM043727.D

Acq: 03 Jan 2024 11:31

Tgt Ion:232 Resp:12941467

Ion	Ratio	Lower	Upper
232	100		
131	41.9	47.4	71.0#
130	3.7	2.4	3.6#
166	28.8	30.1	45.1#





#71

Pentachlorophenol

Concen: 5545.542 ng/ul m

RT: 17.074 min Scan# 21

Delta R.T. 0.094 min

Lab File: BM043727.D

Acq: 03 Jan 2024 11:31

Instrument :

BNA_M

ClientSampleId :

GCF46RE

Tgt Ion:266 Resp:2916912

Ion Ratio Lower Upper

266 100

264 63.4 49.9 74.9

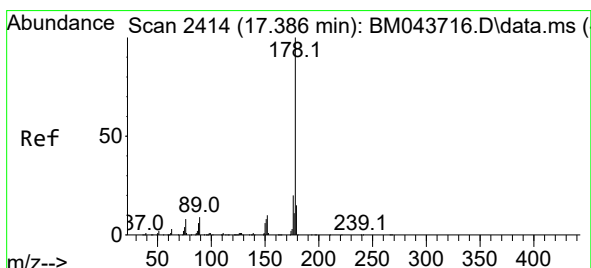
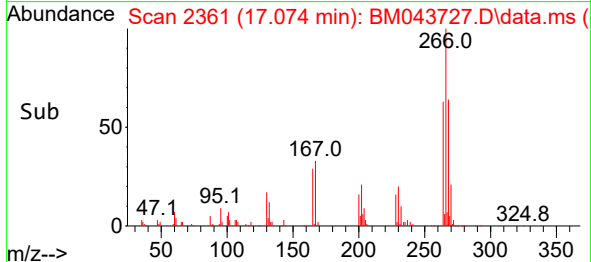
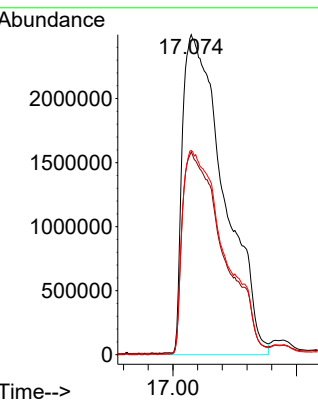
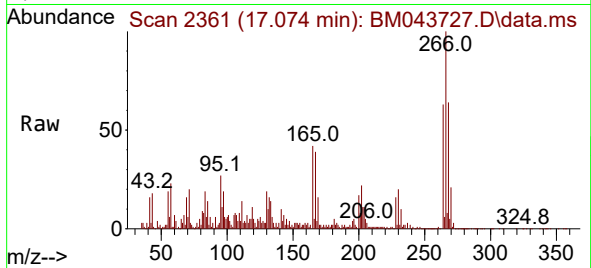
268 63.8 51.0 76.6

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#72

Phenanthrene

Concen: 191.440 ng/ul m

RT: 17.545 min Scan# 2441

Delta R.T. 0.165 min

Lab File: BM043727.D

Acq: 03 Jan 2024 11:31

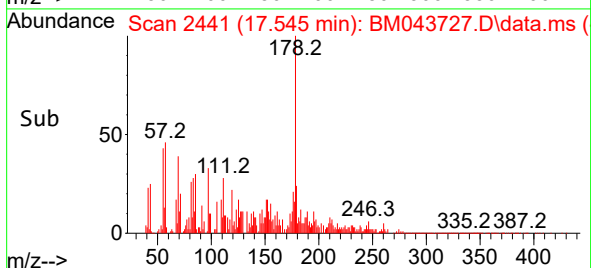
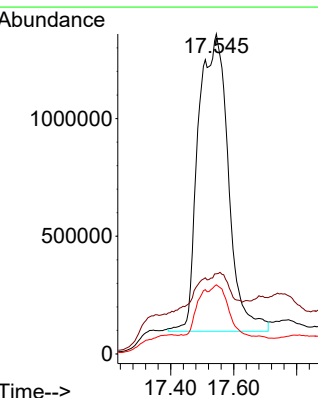
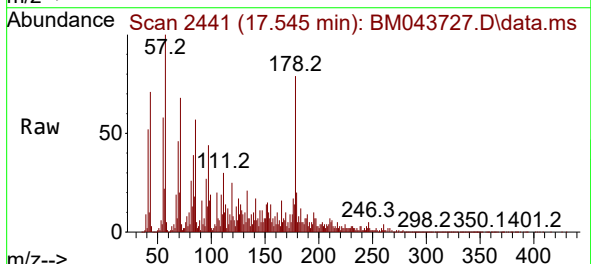
Tgt Ion:178 Resp: 8317323

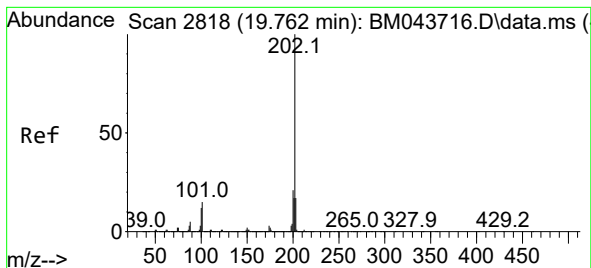
Ion Ratio Lower Upper

178 100

179 25.0 12.2 18.4#

176 21.6 15.5 23.3





#82

Pyrene

Concen: 6.643 ng/ul

RT: 19.898 min Scan# 2818

Delta R.T. 0.141 min

Lab File: BM043727.D

Acq: 03 Jan 2024 11:31

Instrument :

BNA_M

ClientSampleId :

GCF46RE

Tgt Ion:202 Resp: 100880

Ion Ratio Lower Upper

202 100

101 17.0 12.7 19.1

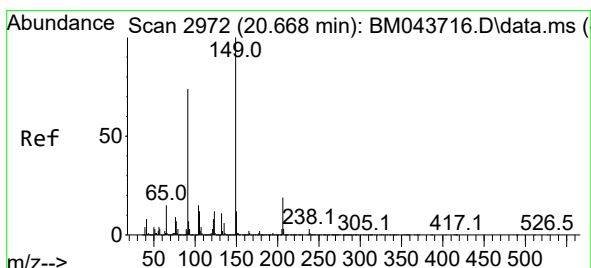
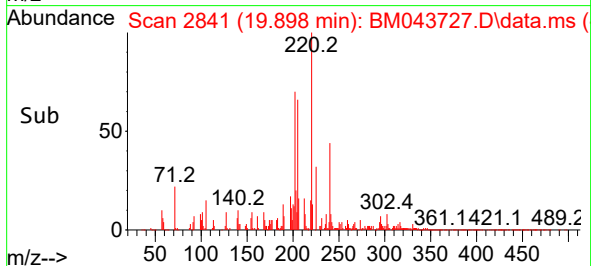
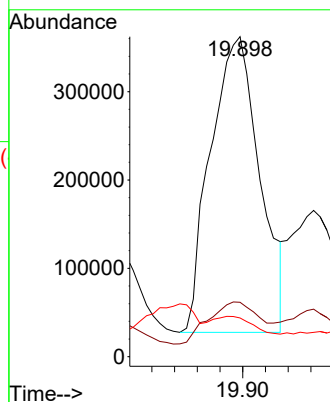
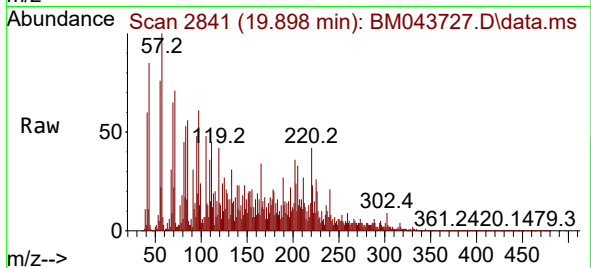
100 12.1 10.1 15.1

Manual Integrations

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#83

Butylbenzylphthalate

Concen: 7.531 ng/ul

RT: 20.739 min Scan# 2984

Delta R.T. 0.071 min

Lab File: BM043727.D

Acq: 03 Jan 2024 11:31

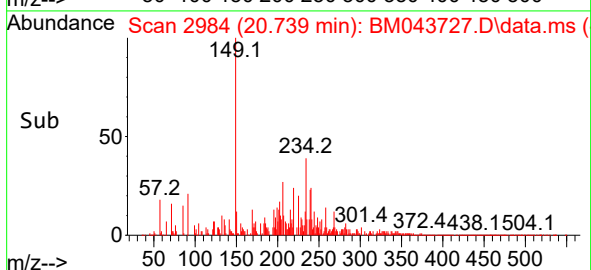
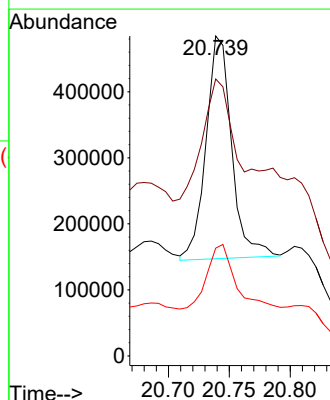
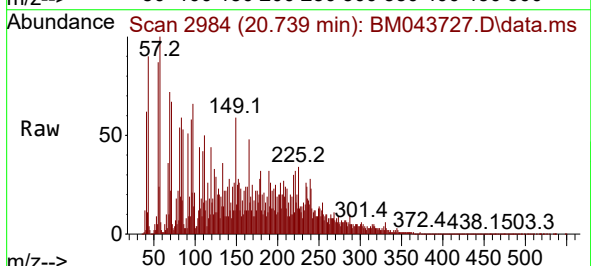
Tgt Ion:149 Resp: 494448

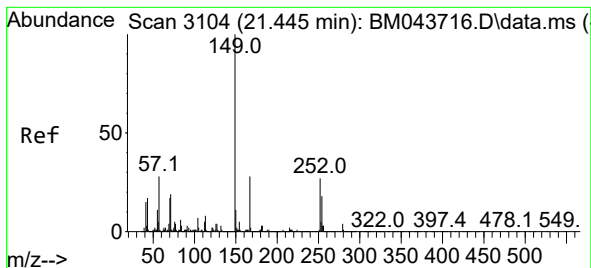
Ion Ratio Lower Upper

149 100

91 86.6 60.5 90.7

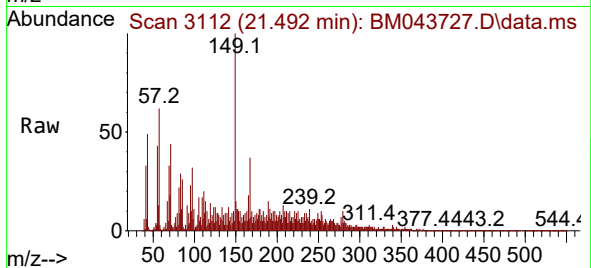
206 33.7 13.9 20.9#





#86
Bis(2-ethylhexyl)phthalate
Concen: 19.910 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. 0.047 min
Lab File: BM043727.D
Acq: 03 Jan 2024 11:31

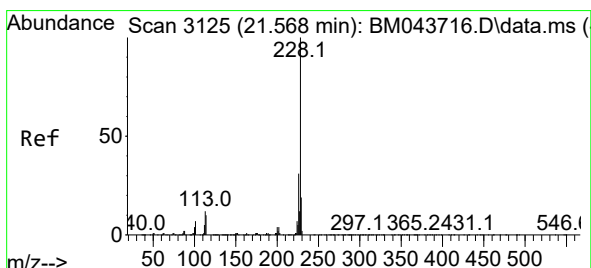
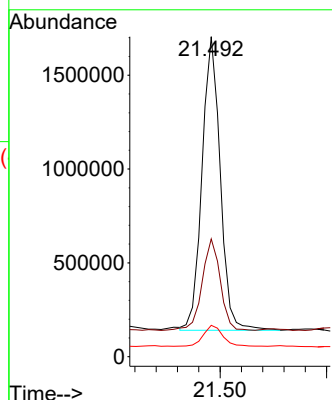
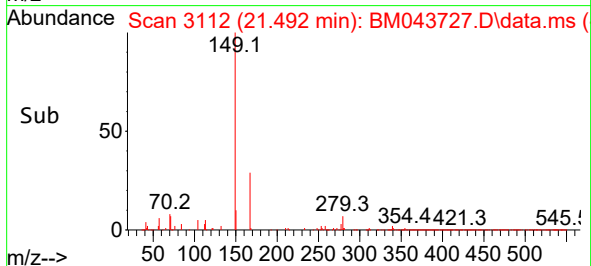
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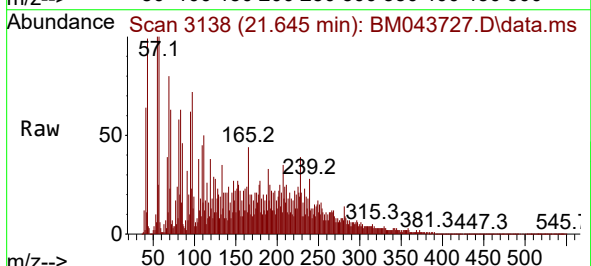
Tgt Ion:149 Resp: 186101
Ion Ratio Lower Upper
149 100
167 36.8 21.6 32.4
279 9.8 2.8 4.2

Manual Integrations
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Reviewed By :Yogesh Patel 01/05/2024
Supervised By :mohammad ahmed 01/05/2024



#87
Chrysene
Concen: 4.361 ng/ul m
RT: 21.645 min Scan# 3138
Delta R.T. 0.088 min
Lab File: BM043727.D
Acq: 03 Jan 2024 11:31



Tgt Ion:228 Resp: 495656
Ion Ratio Lower Upper
228 100
226 53.1 24.2 36.2#
229 53.9 15.9 23.9#

