

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043714.D
 Acq On : 03 Jan 2024 03:06
 Operator : MA/JU
 Sample : 05919-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF46

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 03 04:17:33 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	43222	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	161291	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	90660	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	166792	20.000	ng/u1	# 0.03
79) Chrysene-d12	21.539	240	154683	20.000	ng/u1	# 0.02
88) Perylene-d12	23.950	264	131185	20.000	ng/u1	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	916	0.689	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.140	99	32753	6.661	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.304	67	22432	7.204	ng/u1	0.00
11) 2-Chlorophenol-d4	7.492	132	27621	7.357	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	25472	6.676	ng/u1	0.02
21) Nitrobenzene-d5	9.134	128	13078	8.381	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	14246	8.835	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	24520	8.615	ng/u1	0.02
31) 4-Chloroaniline-d4	10.928	131	1174	0.280	ng/u1	0.02
46) Dimethylphthalate-d6	14.016	166	66706	8.173	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	81461	8.414	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	22842m	14.788	ng/u1	0.04
60) Fluorene-d10	15.592	176	72264	10.708	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	2810	2.547	ng/u1	0.02
73) Anthracene-d10	17.462	188	84715	9.056	ng/u1	0.02
81) Pyrene-d10	19.756	212	135048	11.059	ng/u1	0.03
92) Benzo(a)pyrene-d12	23.797	264	69367	8.569	ng/u1	0.02
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.427	142	87507	12.506	ng/u1	100
37) 1-Methylnaphthalene	12.645	142	75024	10.630	ng/u1	99
41) 2,4,6-Trichlorophenol	13.045	196	2432	1.239	ng/u1	96
43) 1,1'-Biphenyl	13.433	154	22009	2.547	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.233	232	1361940	852.636	ng/u1	90
71) Pentachlorophenol	17.033	266	20110251m	14693.835	ng/u1	
72) Phenanthrene	17.409	178	2661010	235.393	ng/u1	97
80) Fluoranthene	19.421	202	179025	11.838	ng/u1#	88
82) Pyrene	19.780	202	292048	18.785	ng/u1#	92
83) Butylbenzylphthalate	20.680	149	121127	18.020	ng/u1#	57
86) Bis(2-ethylhexyl)phtha...	21.450	149	472989	49.426	ng/u1#	94
87) Chrysene	21.574	228	58775m	5.051	ng/u1	
89) Di-n-octyl phthalate	22.391	149	16340	1.302	ng/u1	100

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

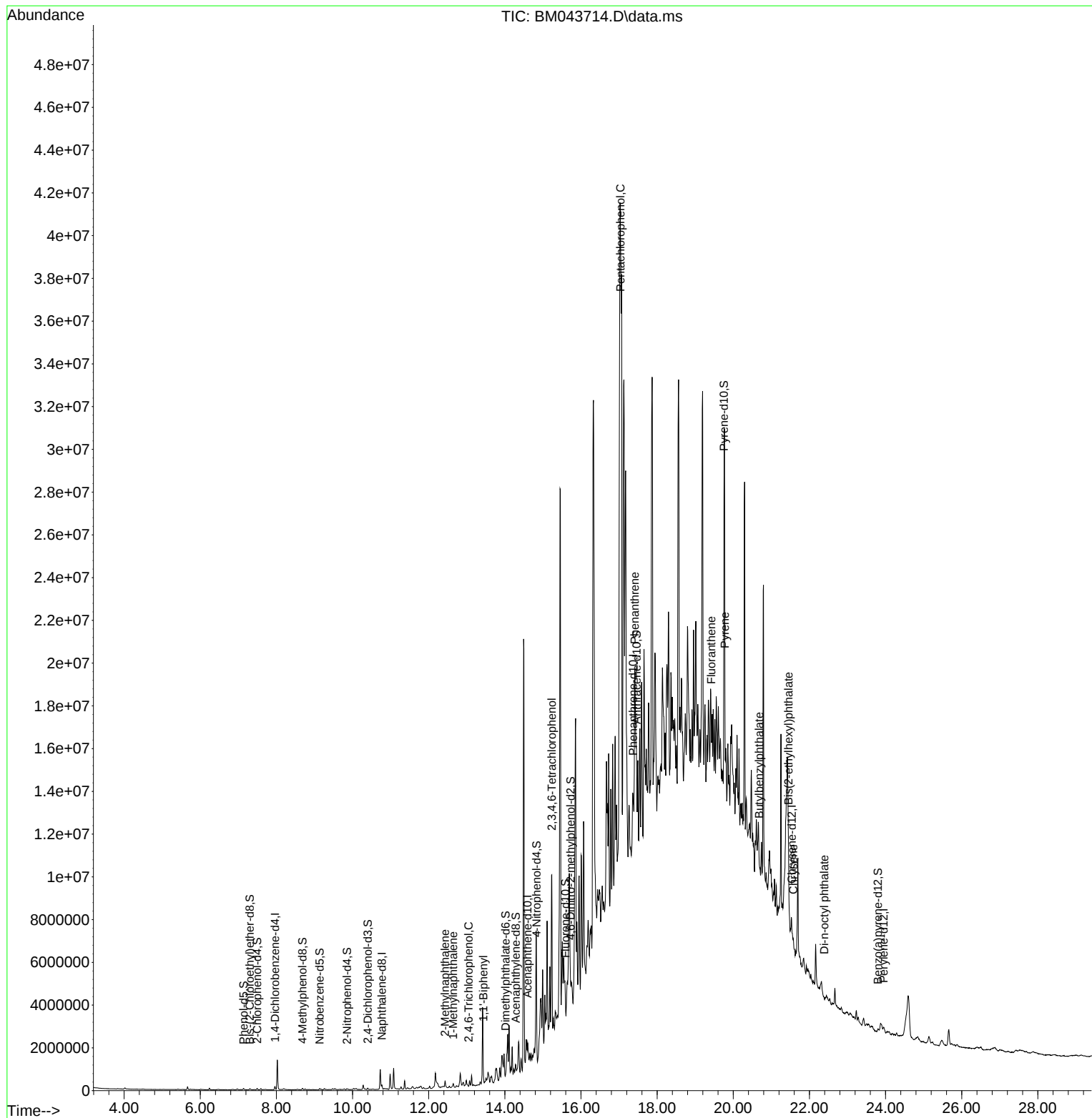
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043714.D
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 Operator : MA/JU
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 ALS Vial : 27 Sample Multiplier: 1

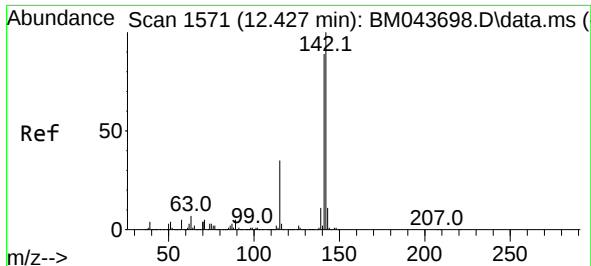
Instrument :
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Quant Time: Jan 03 04:17:33 2024
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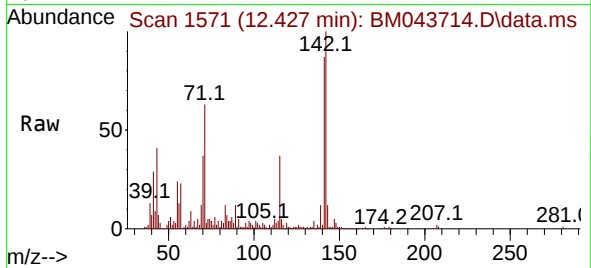
Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024





#36
2-Methylnaphthalene
Concen: 12.506 ng/ul
RT: 12.427 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BM043714.D
Acq: 03 Jan 2024 03:06

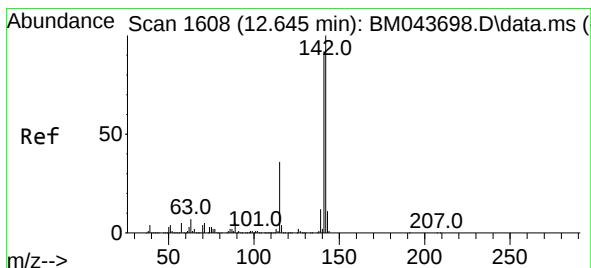
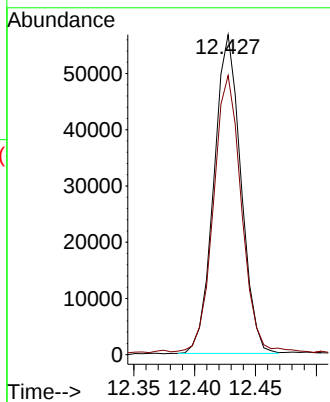
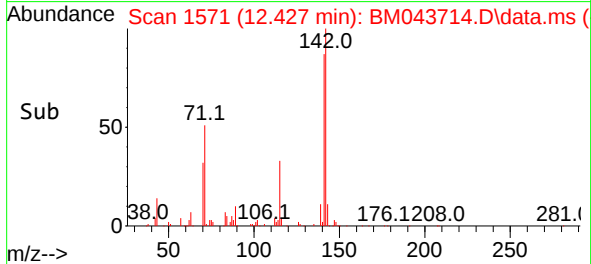
Instrument :
BNA_M
ClientSampleId :
GCF46



Tgt Ion:142 Resp: 8750
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9

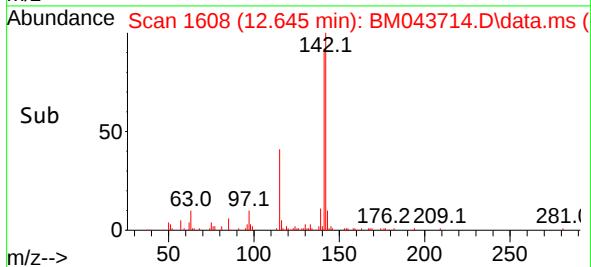
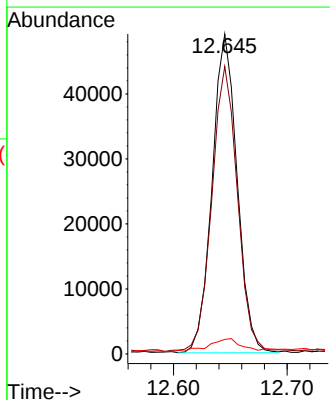
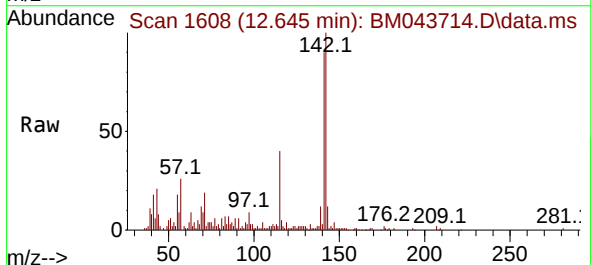
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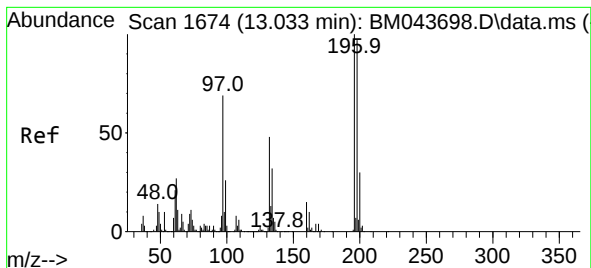
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#37
1-Methylnaphthalene
Concen: 10.630 ng/ul
RT: 12.645 min Scan# 1608
Delta R.T. 0.006 min
Lab File: BM043714.D
Acq: 03 Jan 2024 03:06

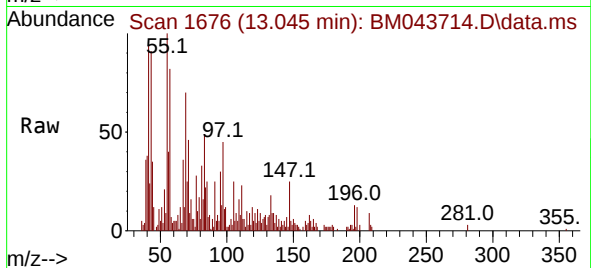
Tgt Ion:142 Resp: 75024
Ion Ratio Lower Upper
142 100
141 89.9 73.0 109.4
116 4.5 3.0 4.6





#41
2,4,6-Trichlorophenol
Concen: 1.239 ng/ul
RT: 13.045 min Scan# 1676
Delta R.T. 0.017 min
Lab File: BM043714.D
Acq: 03 Jan 2024 03:06

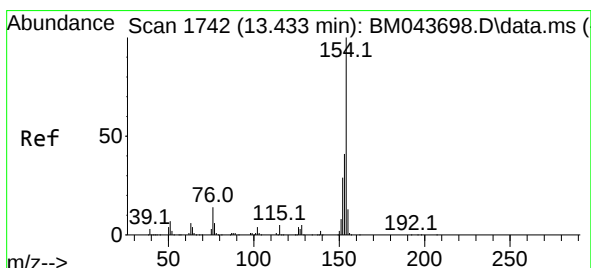
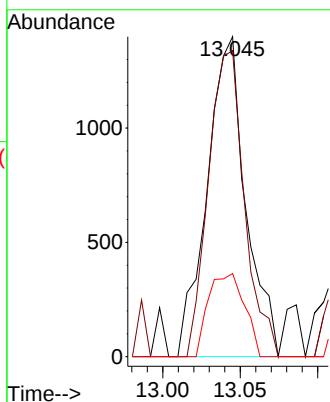
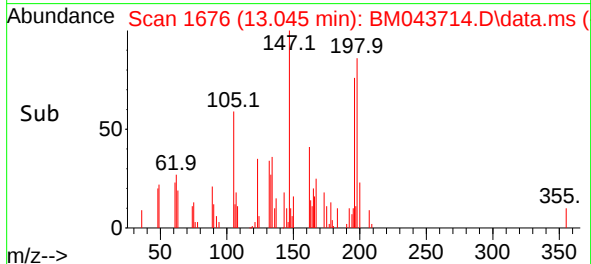
Instrument :
BNA_M
ClientSampleId :
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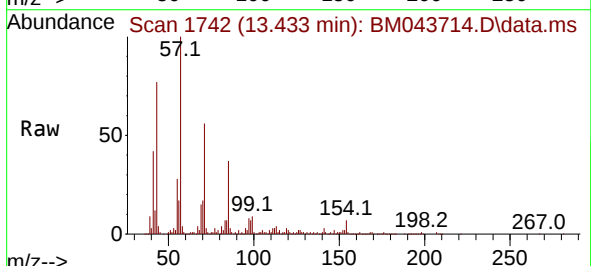
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Ion Ratio Lower Upper
196 100
198 95.6 78.3 117.5
200 26.0 25.1 37.7

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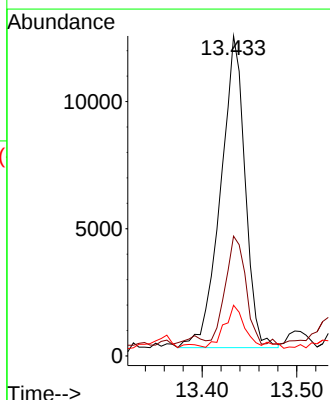
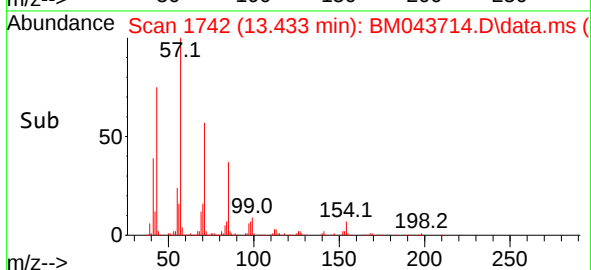
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

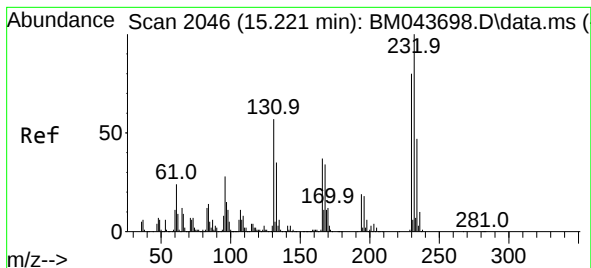


#43
1,1'-Biphenyl
Concen: 2.547 ng/ul
RT: 13.433 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BM043714.D
Acq: 03 Jan 2024 03:06



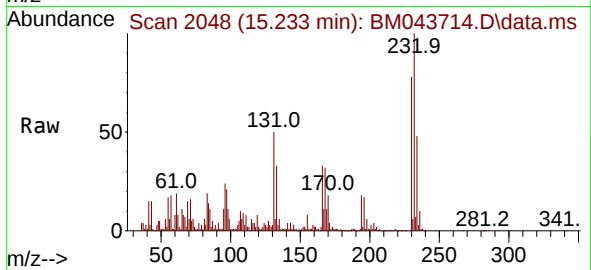
Tgt Ion:154 Resp: 22009
Ion Ratio Lower Upper
154 100
153 37.5 31.8 47.6
76 15.9 11.7 17.5





#58
2,3,4,6-Tetrachlorophenol
Concen: 852.636 ng/ul
RT: 15.233 min Scan# 2048
Delta R.T. 0.017 min
Lab File: BM043714.D
Acq: 03 Jan 2024 03:06

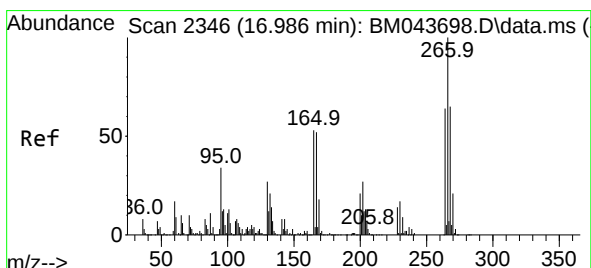
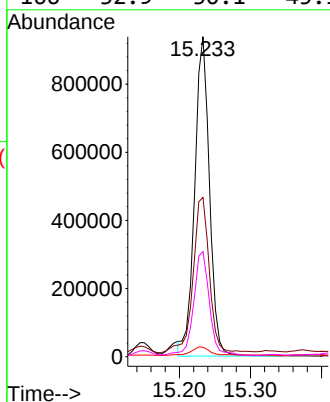
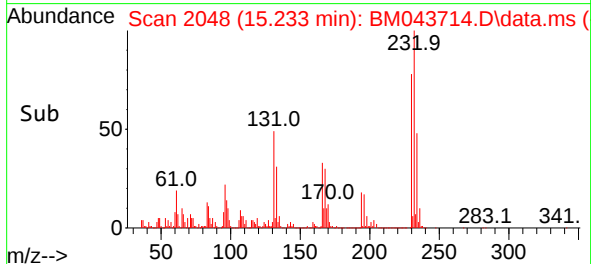
Instrument :
BNA_M
ClientSampleId :
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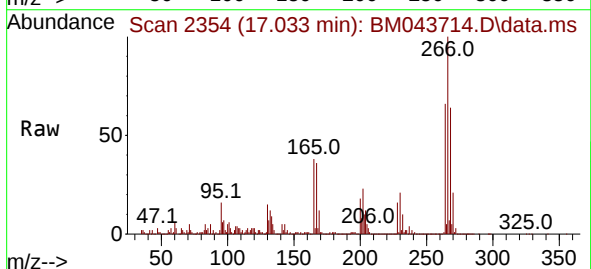
Tgt Ion:232 Resp: 1361940
Ion Ratio Lower Upper
232 100
131 49.7 47.4 71.0
130 3.0 2.4 3.6
166 32.9 30.1 45.1

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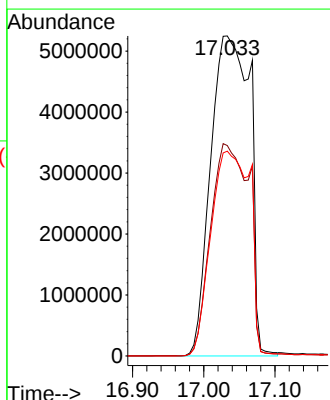
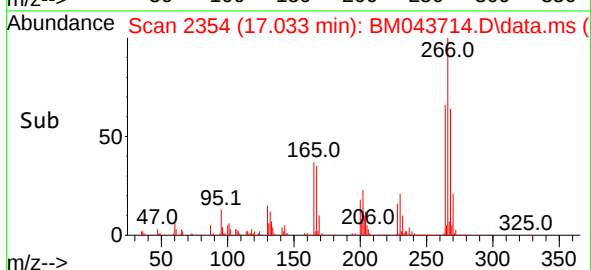
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

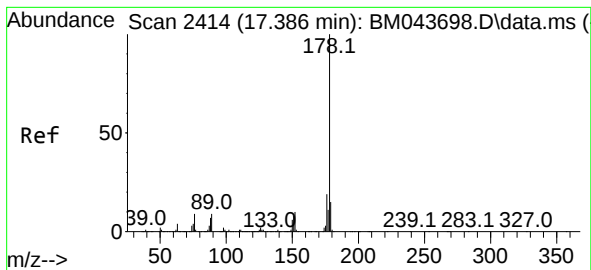


#71
Pentachlorophenol
Concen: 14693.835 ng/ul m
RT: 17.033 min Scan# 2354
Delta R.T. 0.053 min
Lab File: BM043714.D
Acq: 03 Jan 2024 03:06



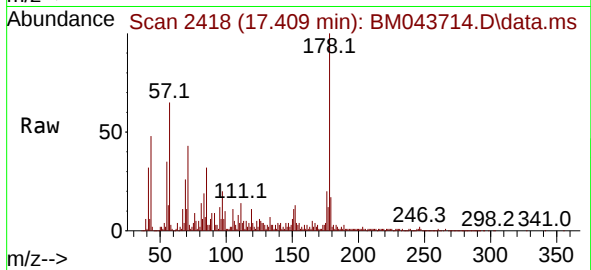
Tgt Ion:266 Resp:20110251
Ion Ratio Lower Upper
266 100
264 65.7 49.9 74.9
268 64.0 51.0 76.6





#72
Phenanthrene
Concen: 235.393 ng/u1
RT: 17.409 min Scan# 2414
Delta R.T. 0.029 min
Lab File: BM043714.D
Acq: 03 Jan 2024 03:06

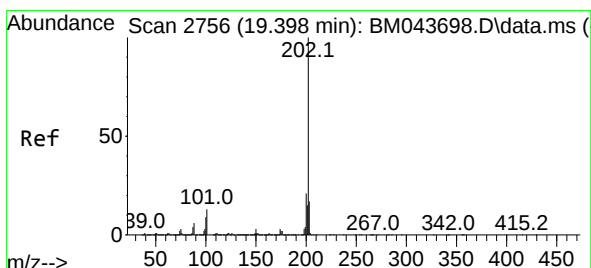
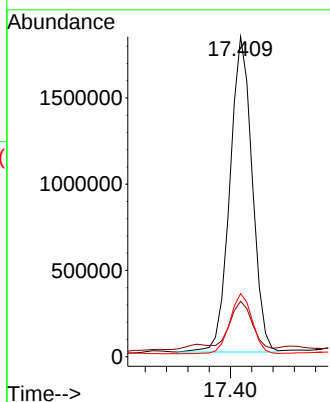
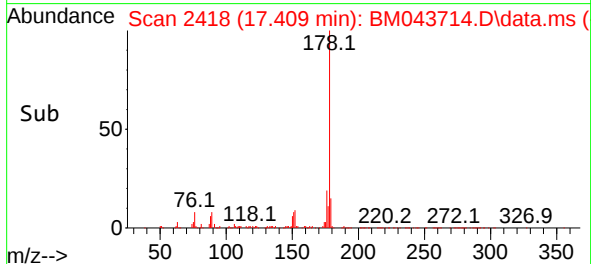
Instrument :
BNA_M
ClientSampleId :
GCF46



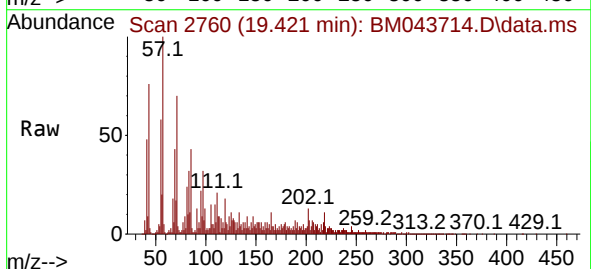
Tgt Ion:178 Resp: 2661010
Ion Ratio Lower Upper
178 100
179 17.3 12.2 18.4
176 19.7 15.5 23.3

Manual Integrations
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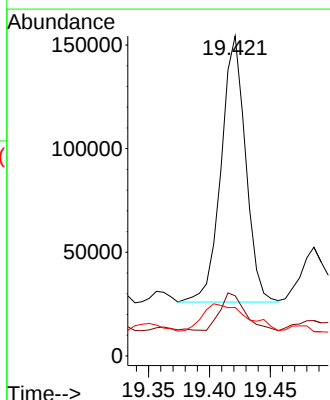
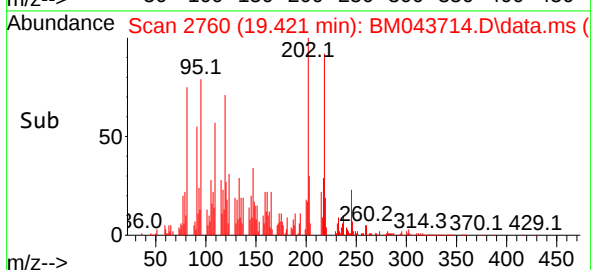
Reviewed By :Yogesh Patel 01/04/2024
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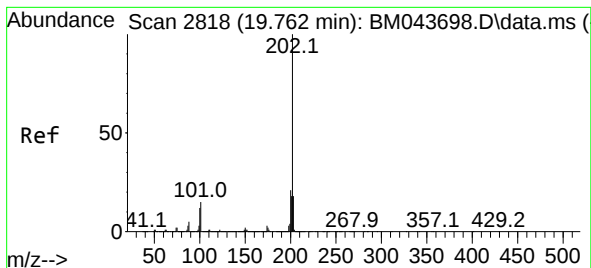


#80
Fluoranthene
Concen: 11.838 ng/u1
RT: 19.421 min Scan# 2760
Delta R.T. 0.029 min
Lab File: BM043714.D
Acq: 03 Jan 2024 03:06



Tgt Ion:202 Resp: 179025
Ion Ratio Lower Upper
202 100
101 18.8 11.4 17.0#
100 15.2 8.2 12.4#





#82

Pyrene

Concen: 18.785 ng/ul

RT: 19.780 min Scan# 21

Delta R.T. 0.023 min

Lab File: BM043714.D

Acq: 03 Jan 2024 03:06

Instrument :

BNA_M

ClientSampleId :

GCF46

Tgt Ion:202 Resp: 292048

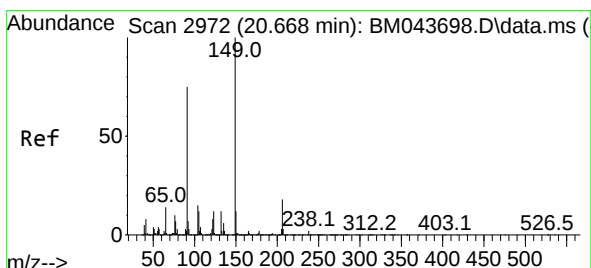
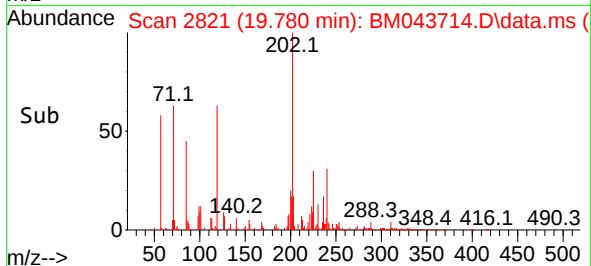
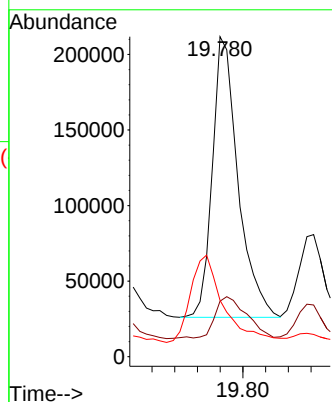
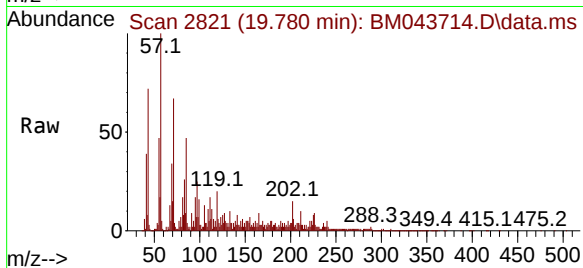
Ion	Ratio	Lower	Upper
202	100		
101	17.4	12.7	19.1
100	17.6	10.1	15.1

Manual Integrations

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Supervised By :mohammad ahmed 01/05/2024



#83

Butylbenzylphthalate

Concen: 18.020 ng/ul

RT: 20.680 min Scan# 2974

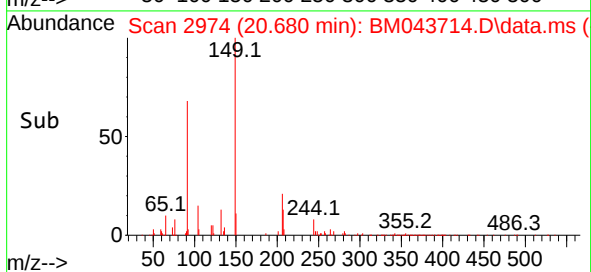
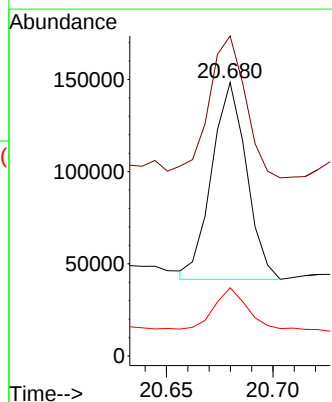
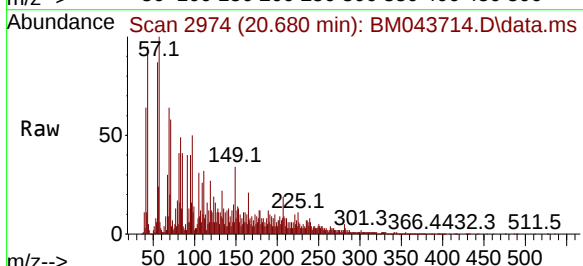
Delta R.T. 0.012 min

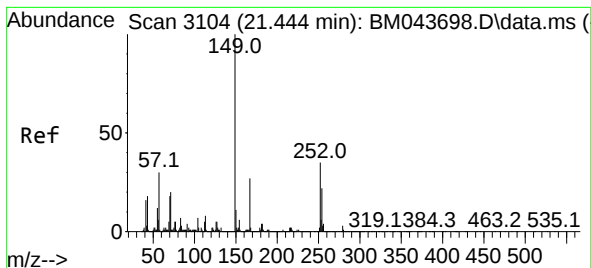
Lab File: BM043714.D

Acq: 03 Jan 2024 03:06

Tgt Ion:149 Resp: 121127

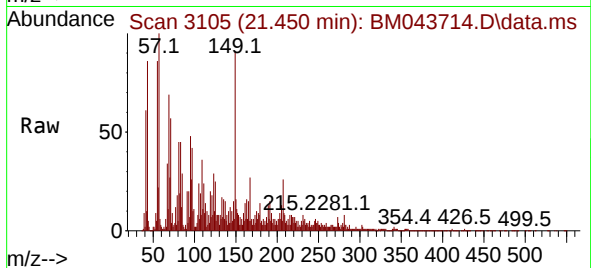
Ion	Ratio	Lower	Upper
149	100		
91	117.0	60.5	90.7#
206	24.9	13.9	20.9#





#86
Bis(2-ethylhexyl)phthalate
Concen: 49.426 ng/ul
RT: 21.450 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BM043714.D
Acq: 03 Jan 2024 03:06

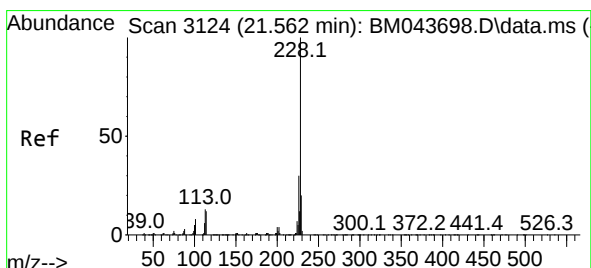
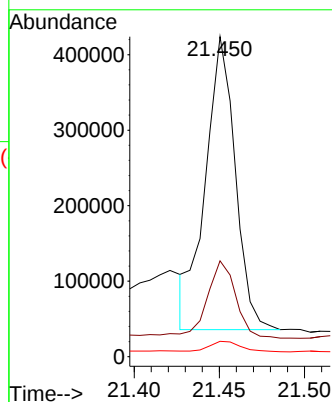
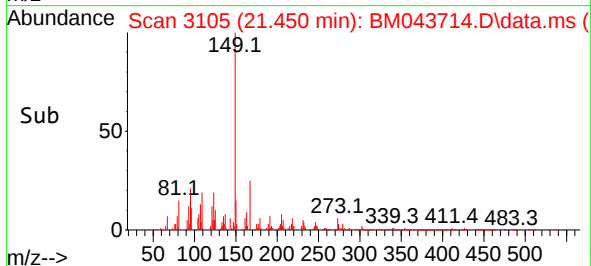
Instrument :
BNA_M
ClientSampleId :
GCF46



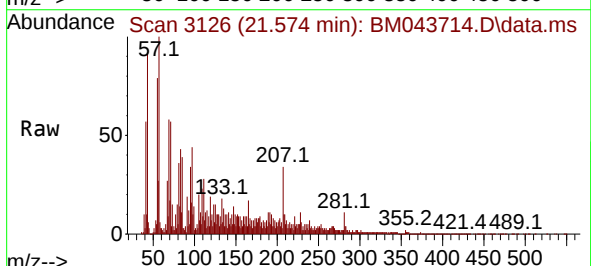
Tgt Ion:149 Resp: 472989
Ion Ratio Lower Upper
149 100
167 30.0 21.6 32.4
279 4.8 2.8 4.2

Manual Integrations
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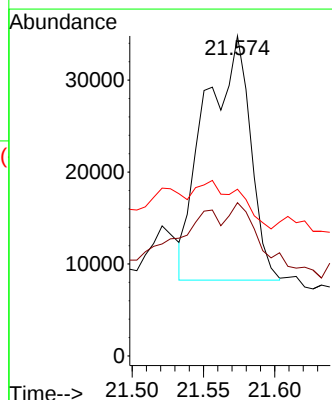
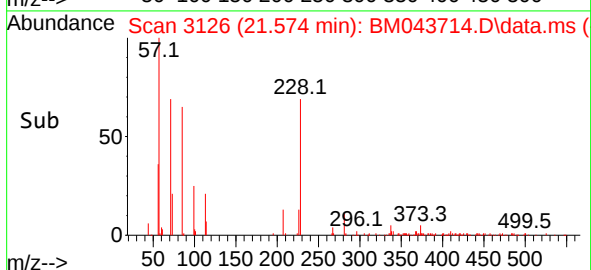
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

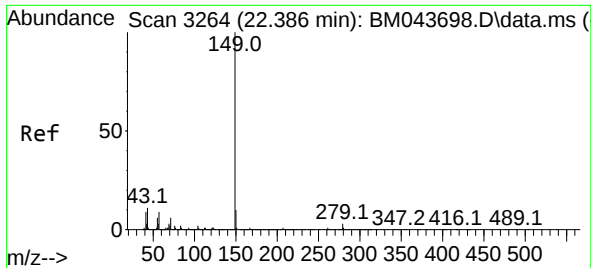


#87
Chrysene
Concen: 5.051 ng/ul m
RT: 21.574 min Scan# 3126
Delta R.T. 0.017 min
Lab File: BM043714.D
Acq: 03 Jan 2024 03:06



Tgt Ion:228 Resp: 58775
Ion Ratio Lower Upper
228 100
226 47.9 24.2 36.2#
229 52.1 15.9 23.9#





#89
Di-n-octyl phthalate
Concen: 1.302 ng/ul
RT: 22.391 min Scan# 31
Delta R.T. 0.012 min
Lab File: BM043714.D
Acq: 03 Jan 2024 03:06

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:149 Resp: 16340

Manual Integrations
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Supervised By :mohammad ahmed 01/05/2024

