

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
 Data File : BM043684.D
 Acq On : 29 Dec 2023 23:18
 Operator : MA/JU
 Sample : 05920-06DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF57DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 30 00:57:30 2023
 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	208577	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	907064	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	518355	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1115164	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	954145	20.000	ng/ul	0.00
88) Perylene-d12	23.938	264	1101449	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	3385	0.527	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.128	99	32685	1.378	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.298	67	42287	2.814	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	43381	2.395	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	34341	1.865	ng/ul	0.00
21) Nitrobenzene-d5	9.133	128	24591	2.802	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	23704	2.614	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	28363	1.772	ng/ul	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.016	166	130883	2.805	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	95140	1.719	ng/ul	0.00
54) 4-Nitrophenol-d4	14.815	143	13976m	1.582	ng/ul	0.02
60) Fluorene-d10	15.592	176	122156	3.166	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.439	188	123069	1.968	ng/ul	0.00
81) Pyrene-d10	19.733	212	30914	0.410	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	14510m	0.213	ng/ul	0.00
Target Compounds						
16) Acetophenone	8.798	105	77180	2.738	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.221	232	10605	1.161	ng/ul#	99
71) Pentachlorophenol	16.986	266	403118	44.054	ng/ul	99

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

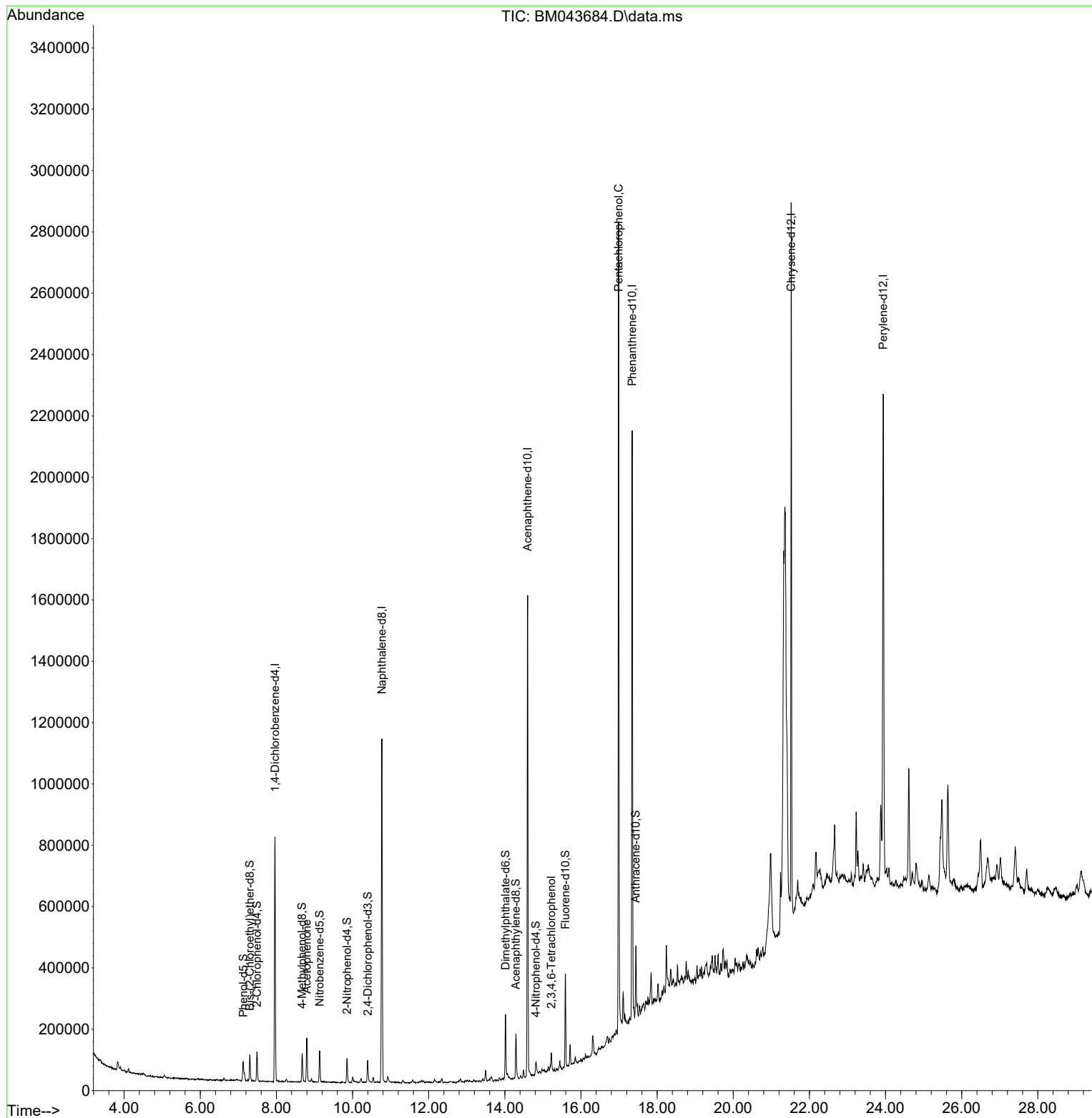
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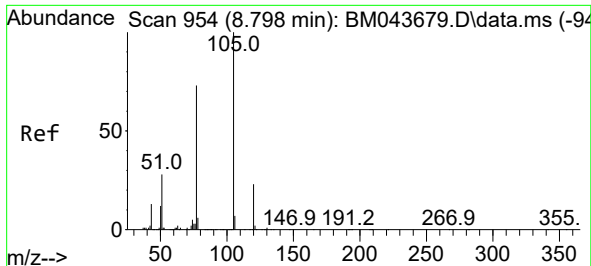
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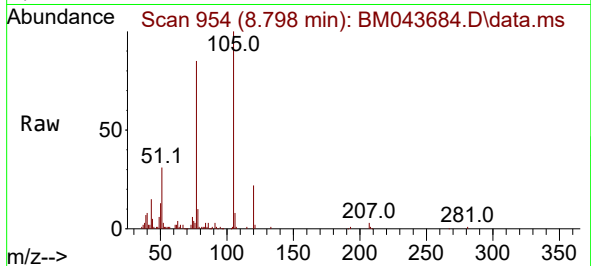
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024





#16
Acetophenone
Concen: 2.738 ng/ul
RT: 8.798 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM043684.D
Acq: 29 Dec 2023 23:18

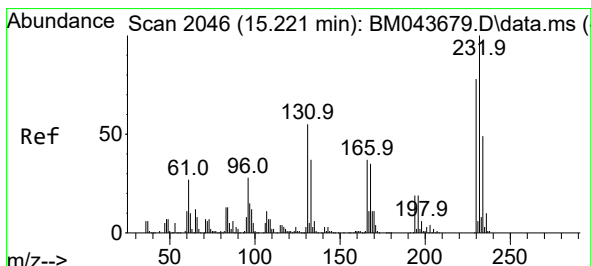
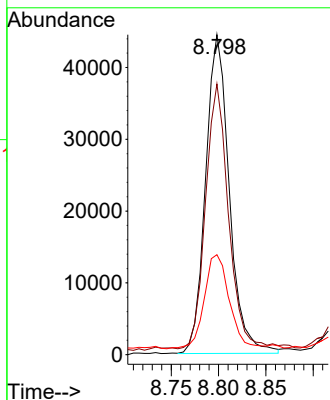
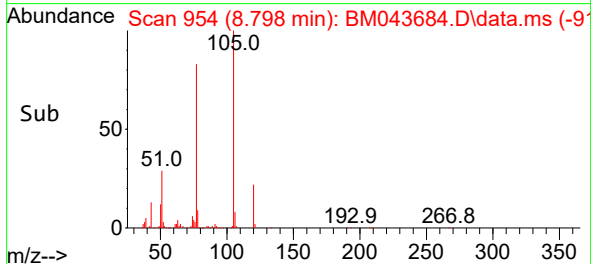
Instrument :
BNA_M
ClientSampleId :
GCF57DL



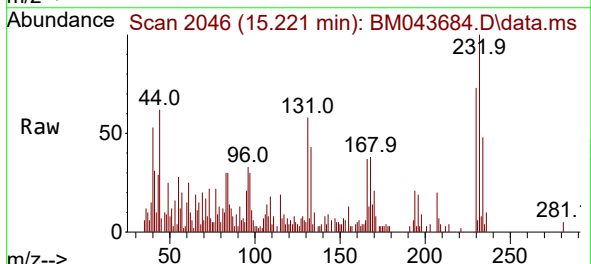
Tgt Ion:105 Resp: 77180
Ion Ratio Lower Upper
105 100
77 84.6 65.1 97.7
51 31.3 24.3 36.5

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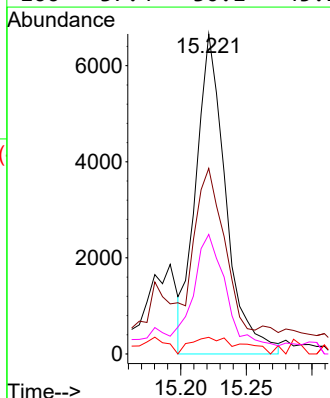
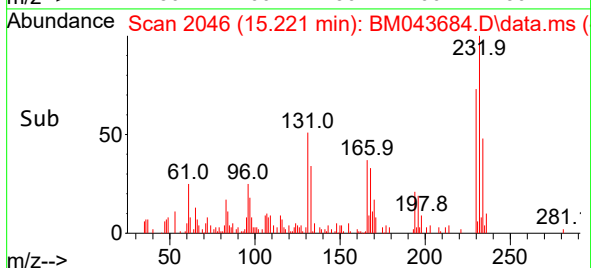
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

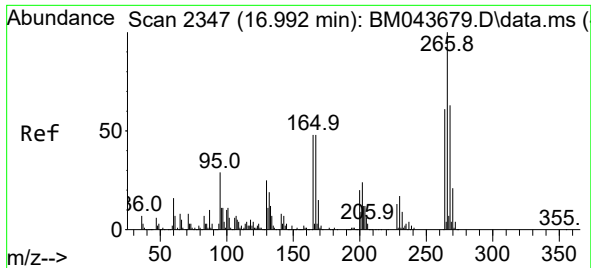


#58
2,3,4,6-Tetrachlorophenol
Concen: 1.161 ng/ul
RT: 15.221 min Scan# 2046
Delta R.T. 0.006 min
Lab File: BM043684.D
Acq: 29 Dec 2023 23:18



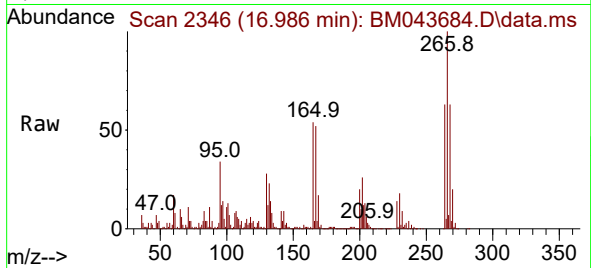
Tgt Ion:232 Resp: 10605
Ion Ratio Lower Upper
232 100
131 58.0 47.4 71.0
130 5.2 2.4 3.6#
166 37.4 30.1 45.1





#71
Pentachlorophenol
Concen: 44.054 ng/ul
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM043684.D
Acq: 29 Dec 2023 23:18

Instrument :
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Tgt Ion:266 Resp: 403118
Ion Ratio Lower Upper
266 100
264 62.8 49.9 74.9
268 62.8 51.0 76.6

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