

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
 Data File : BG059532.D
 Acq On : 28 Oct 2023 22:45
 Operator : MA/JU
 Sample : 04925-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GCCX9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 30 03:13:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	81935	20.000	ng/ul	0.00
20) Naphthalene-d8	11.210	136	380617	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.988	164	221555	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.738	188	455676	20.000	ng/ul	0.00
79) Chrysene-d12	22.074	240	374541	20.000	ng/ul	0.00
88) Perylene-d12	25.682	264	442118	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.654	96	5223	2.385	ng/uL	0.00
4) Pyridine-d5	4.095	84	16935	2.767	ng/ul	0.00
7) Phenol-d5	7.468	99	126717	15.050	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	55144	14.259	ng/ul	0.00
11) 2-Chlorophenol-d4	7.873	132	104113	15.242	ng/ul	0.00
15) 4-Methylphenol-d8	9.042	113	94945	14.214	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	48256	17.831	ng/ul	0.00
24) 2-Nitrophenol-d4	10.276	143	52622	18.940	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.799	165	97508	15.930	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	27255m	2.705	ng/ul	0.00
46) Dimethylphthalate-d6	14.383	166	324036	16.143	ng/ul	0.00
49) Acenaphthylene-d8	14.689	160	392425	16.659	ng/ul	0.00
54) 4-Nitrophenol-d4	15.141	143	37392	10.863	ng/ul	-0.01
60) Fluorene-d10	15.975	176	287665	16.769	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.069	200	38448	17.817	ng/ul	-0.01
73) Anthracene-d10	17.838	188	431767m	17.490	ng/ul	0.00
81) Pyrene-d10	20.106	212	457235	17.563	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.435	264	426972	16.400	ng/ul	0.00
Target Compounds						
8) Phenol	7.485	94	9636m	1.214	ng/ul	Qvalue
16) Acetophenone	9.207	105	52514	4.987	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.587	232	9450	2.513	ng/ul#	87
71) Pentachlorophenol	17.362	266	555143	184.398	ng/ul	92

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

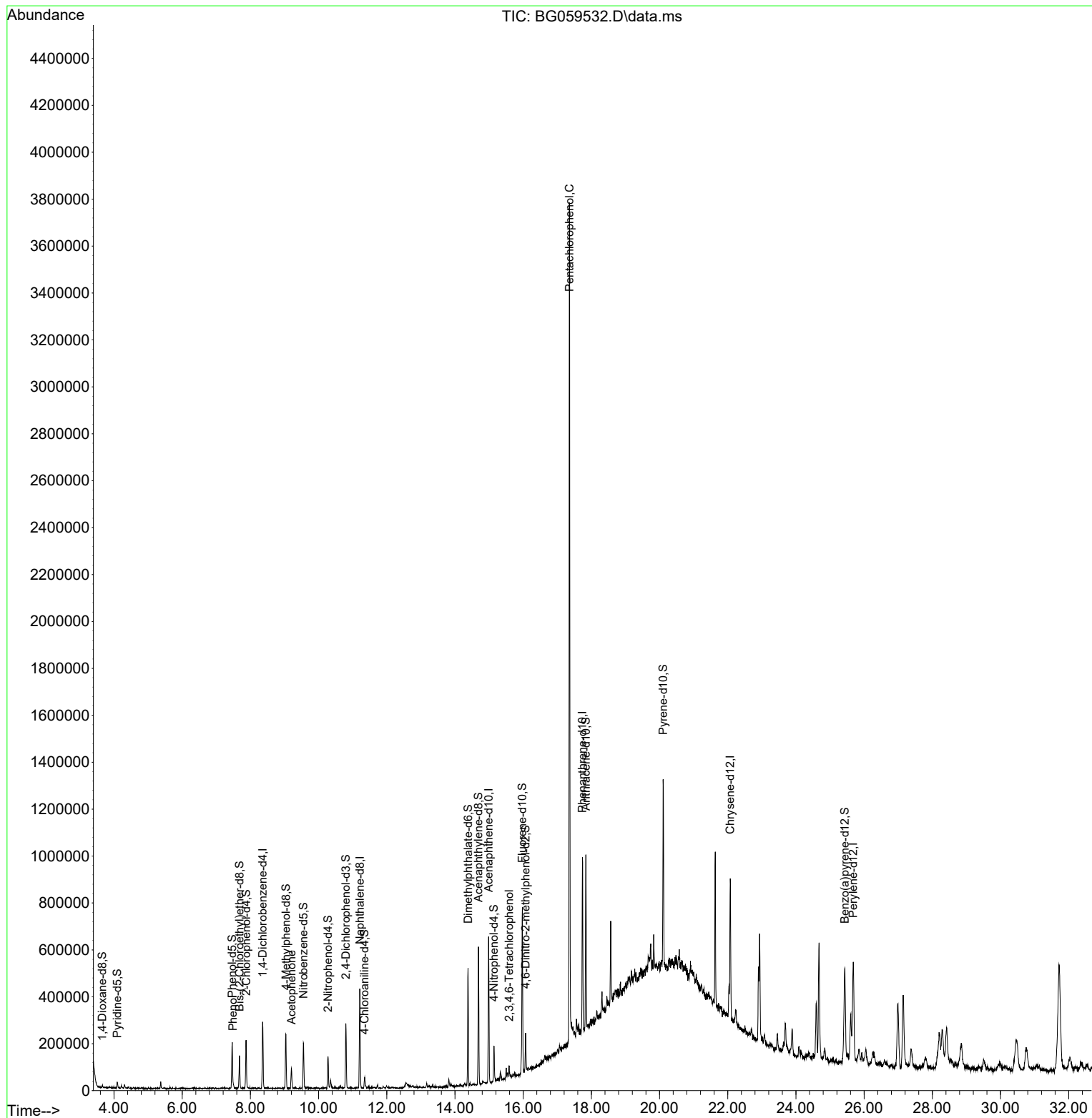
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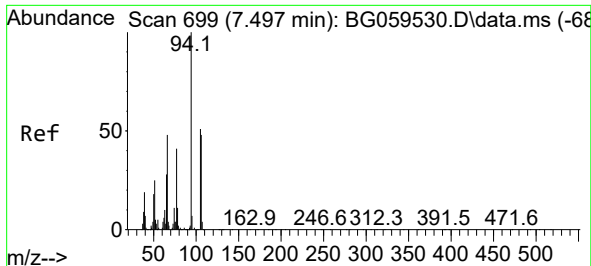
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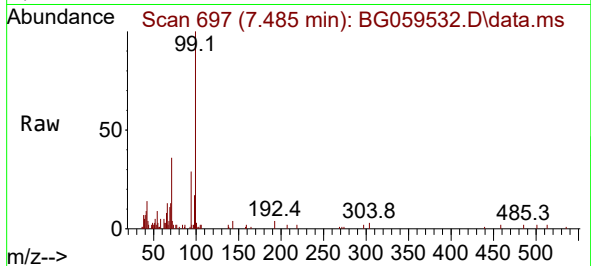
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023





#8
Phenol
Concen: 1.214 ng/ul m
RT: 7.485 min Scan# 699
Delta R.T. -0.012 min
Lab File: BG059532.D
Acq: 28 Oct 2023 22:45

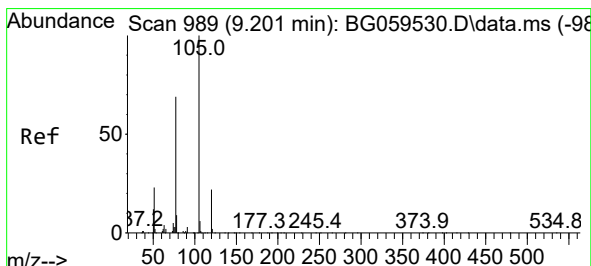
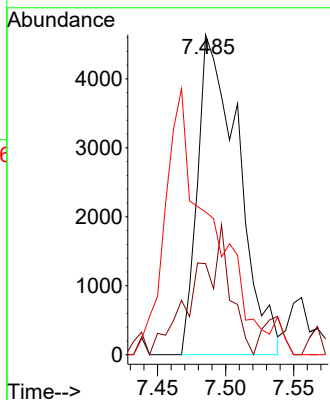
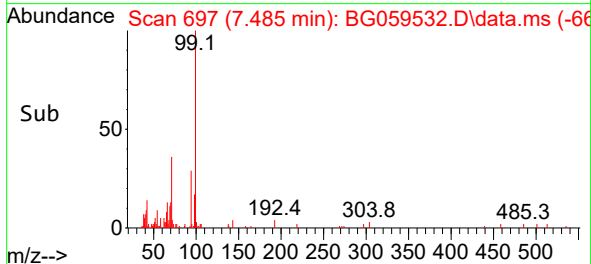
Instrument :
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Tgt Ion: 94 Resp: 9630
Ion Ratio Lower Upper
94 100
65 28.4 22.5 33.7
66 44.6 31.1 46.7

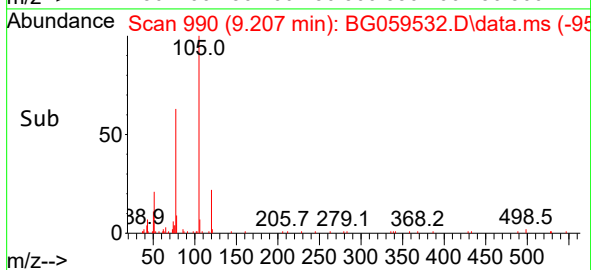
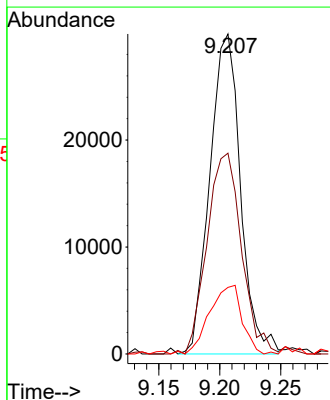
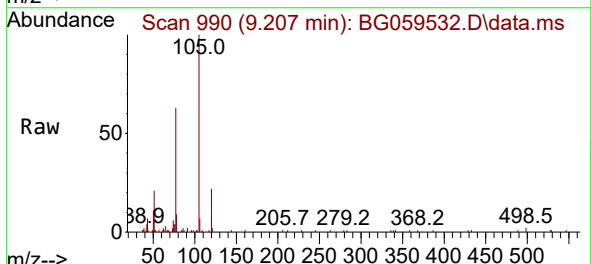
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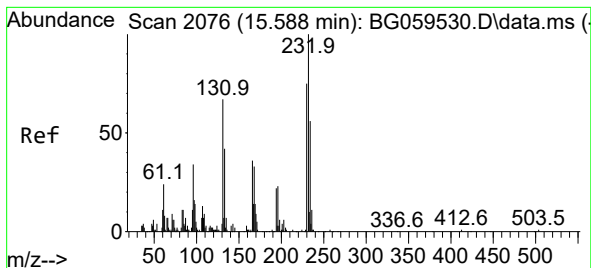
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Supervised By :mohammad ahmed 10/31/2023



#16
Acetophenone
Concen: 4.987 ng/ul
RT: 9.207 min Scan# 990
Delta R.T. -0.001 min
Lab File: BG059532.D
Acq: 28 Oct 2023 22:45

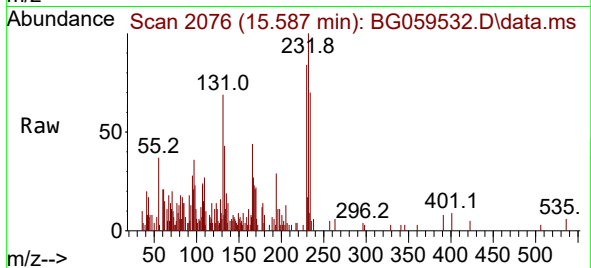
Tgt Ion:105 Resp: 52514
Ion Ratio Lower Upper
105 100
77 62.7 59.6 89.4
51 20.8 16.2 24.4





#58
2,3,4,6-Tetrachlorophenol
Concen: 2.513 ng/ul
RT: 15.587 min Scan# 2076
Delta R.T. -0.001 min
Lab File: BG059532.D
Acq: 28 Oct 2023 22:45

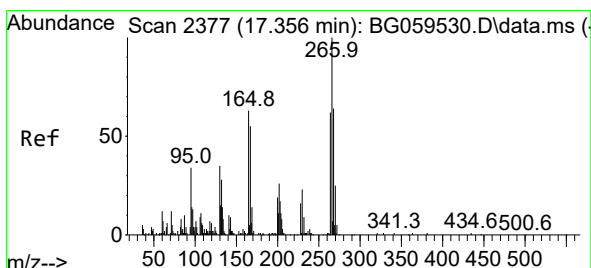
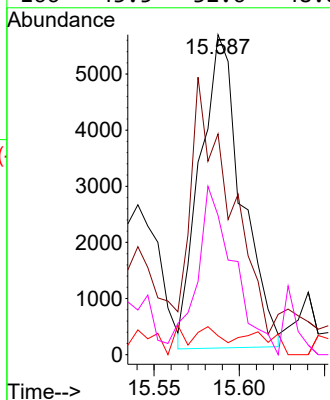
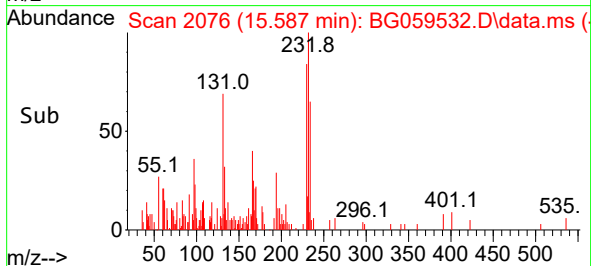
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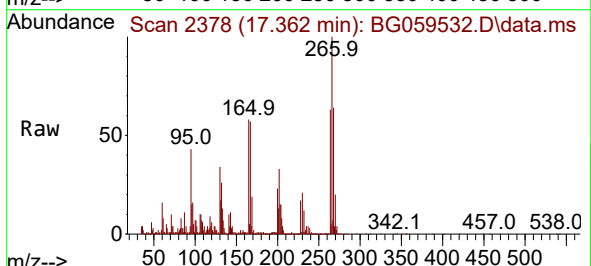
Tgt Ion:232 Resp: 9450
Ion Ratio Lower Upper
232 100
131 69.0 44.2 66.2
130 5.9 2.3 3.5
166 43.5 32.6 48.8

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#71
Pentachlorophenol
Concen: 184.398 ng/ul
RT: 17.362 min Scan# 2378
Delta R.T. 0.005 min
Lab File: BG059532.D
Acq: 28 Oct 2023 22:45



Tgt Ion:266 Resp: 555143
Ion Ratio Lower Upper
266 100
264 63.2 46.2 69.2
268 64.4 46.4 69.6

