

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
 Data File : BG062566.D
 Acq On : 23 Aug 2024 13:47
 Operator : MA/JU
 Sample : P3696-04 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GCN88

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Aug 24 00:29:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 20 23:01:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	53927	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	251467	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.564	164	167749	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.343	188	286135	20.000	ng/ul	# 0.04
79) Chrysene-d12	21.567	240	290011	20.000	ng/ul	0.02
88) Perylene-d12	24.657	264	334455	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.403	96	127	0.089	ng/uL	0.00
4) Pyridine-d5	3.814	84	4026	0.930	ng/ul	0.00
7) Phenol-d5	7.104	99	10847	2.022	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	6166	1.825	ng/ul	0.00
11) 2-Chlorophenol-d4	7.474	132	8108	2.213	ng/ul	0.00
15) 4-Methylphenol-d8	8.643	113	9992	2.222	ng/ul	0.00
21) Nitrobenzene-d5	9.089	128	4457	2.764	ng/ul	0.00
24) 2-Nitrophenol-d4	9.812	143	5137	3.202	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	10214	2.500	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	19219	2.966	ng/ul	-0.02
46) Dimethylphthalate-d6	13.965	166	32263	2.473	ng/ul	0.00
49) Acenaphthylene-d8	14.259	160	37564	2.600	ng/ul	0.00
54) 4-Nitrophenol-d4	14.776	143	9100	4.372	ng/ul	0.03
60) Fluorene-d10	15.563	176	36112	3.068	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	5227	4.021	ng/ul	0.01
73) Anthracene-d10	17.437	188	38258	2.783	ng/ul	0.04
81) Pyrene-d10	19.710	212	36319	2.138	ng/ul	0.03
92) Benzo(a)pyrene-d12	24.439	264	30677	1.728	ng/ul	0.03
Target Compounds						
16) Acetophenone	8.755	105	8046	1.092	ng/ul#	75
23) Isophorone	9.659	82	28541	2.653	ng/ul#	88
36) 2-Methylnaphthalene	12.391	142	47166	4.579	ng/ul	99
37) 1-Methylnaphthalene	12.608	142	115629	11.003	ng/ul	95
52) Acenaphthene	14.629	153	52992m	4.578	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.205	232	408337	125.535	ng/ul#	90
71) Pentachlorophenol	17.049	266	7314911m	3350.475	ng/ul	
72) Phenanthrene	17.384	178	889362	55.315	ng/ul	96
82) Pyrene	19.746	202	145365	7.108	ng/ul#	94
86) Bis(2-ethylhexyl)phtha...	21.461	149	90822	9.024	ng/ul#	91

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

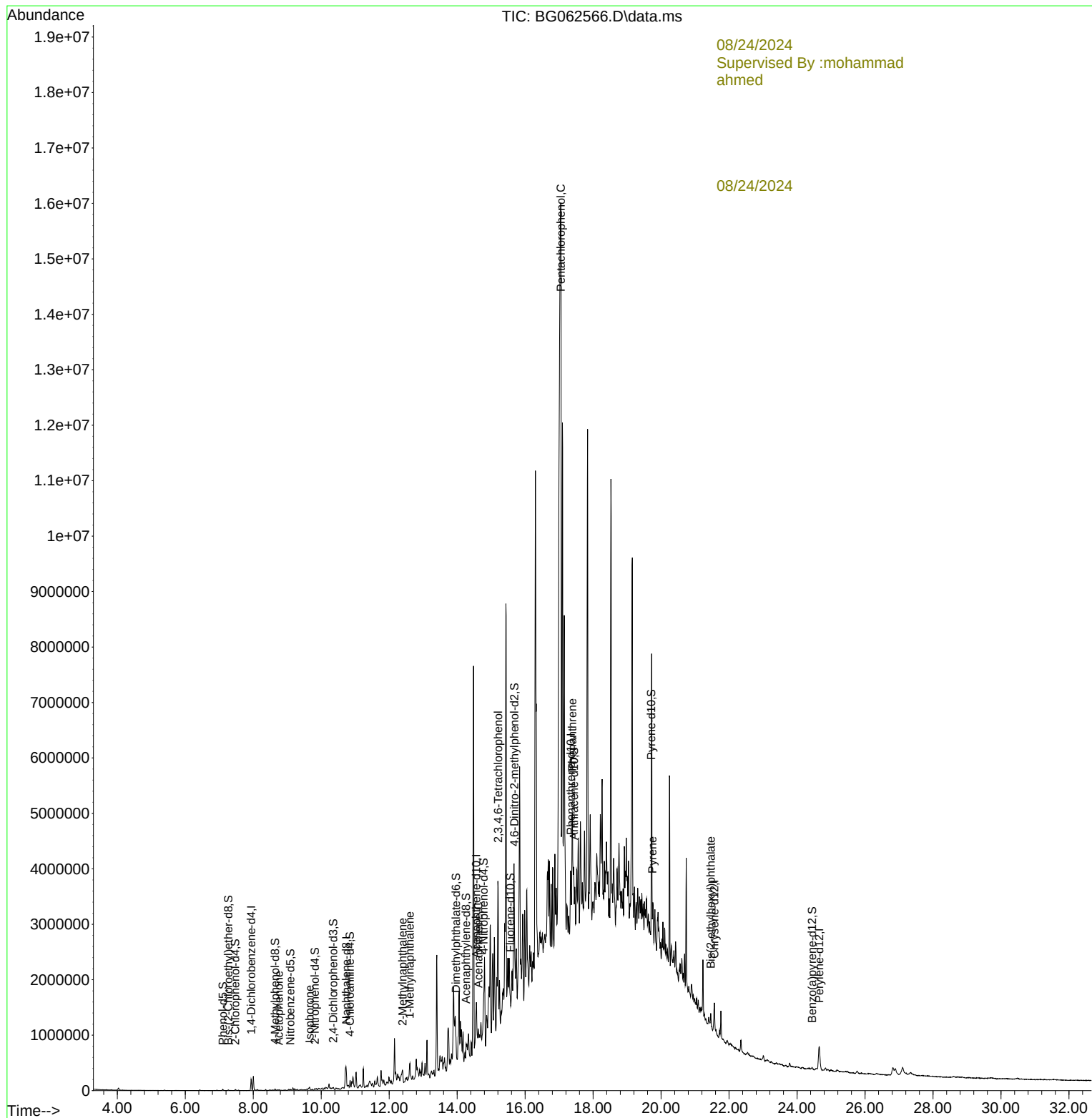
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
Data File : BG062566.D
Acq On : 23 Aug 2024 13:47
Operator : MA/JU
Sample : P3696-04 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

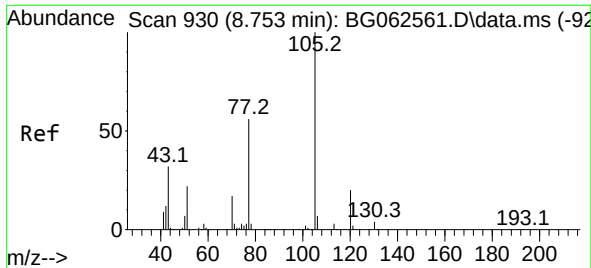
Instrument :
BNA_G
ClientSampleId :
GCN88

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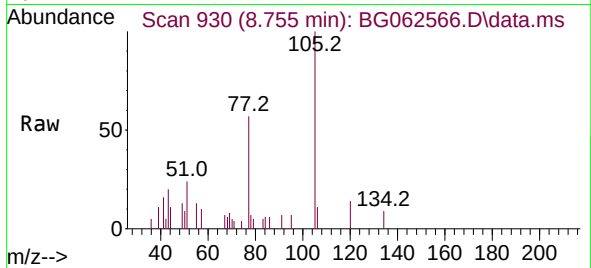
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.092 ng/ul
RT: 8.755 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG062566.D
Acq: 23 Aug 2024 13:47

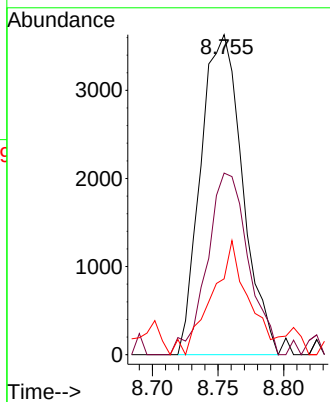
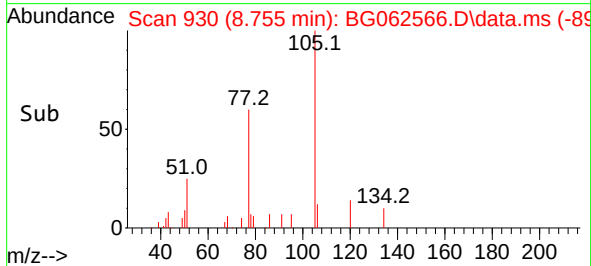
Instrument :
BNA_G
ClientSampleId :
GCN88



Tgt Ion:105 Resp: 804
Ion Ratio Lower Upper
105 100
77 56.7 64.6 97.0#
51 23.7 27.8 41.8#

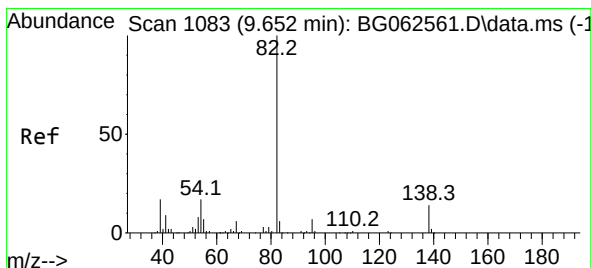
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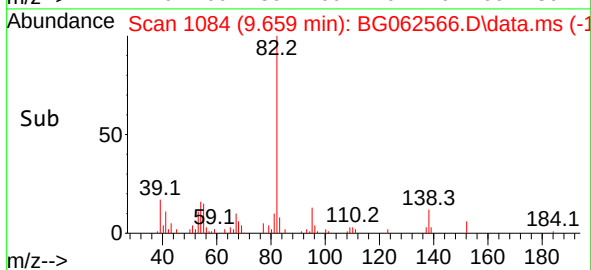
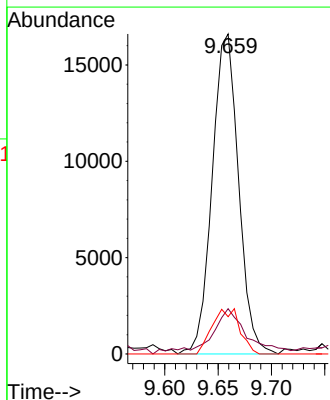
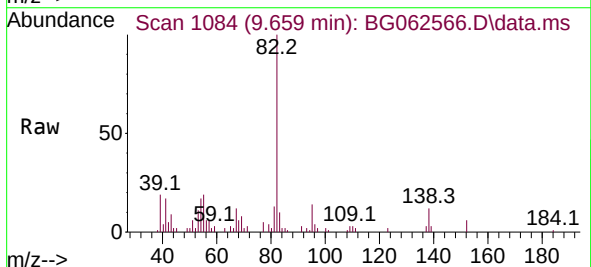
08/24/2024
Supervised By :mohammad
ahmed

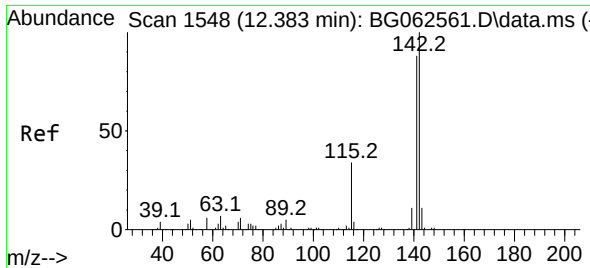
08/24/2024



#23
Isophorone
Concen: 2.653 ng/ul
RT: 9.659 min Scan# 1084
Delta R.T. 0.003 min
Lab File: BG062566.D
Acq: 23 Aug 2024 13:47

Tgt Ion: 82 Resp: 28541
Ion Ratio Lower Upper
82 100
95 14.1 5.4 8.2#
138 11.6 11.8 17.8#





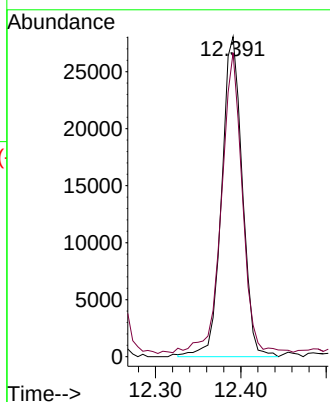
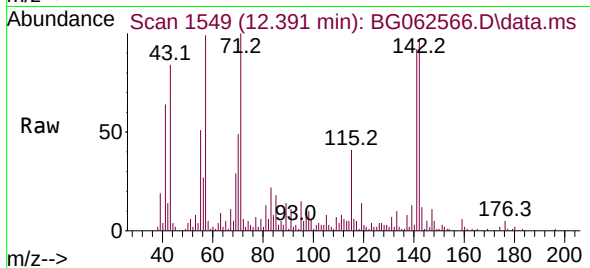
#36
2-Methylnaphthalene
Concen: 4.579 ng/ul
RT: 12.391 min Scan# 1549
Delta R.T. 0.003 min
Lab File: BG062566.D
Acq: 23 Aug 2024 13:47

Instrument :
BNA_G
ClientSampleId :
GCN88

Tgt Ion:142 Resp: 4716
Ion Ratio Lower Upper
142 100
141 95.0 75.0 112.4

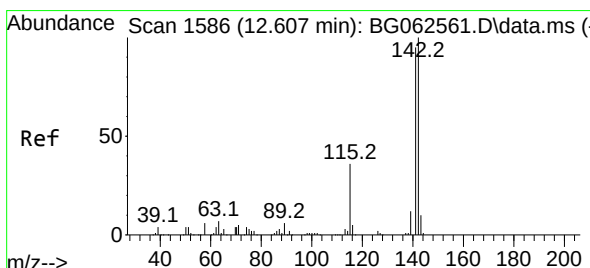
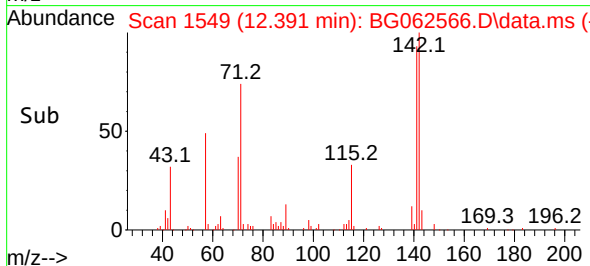
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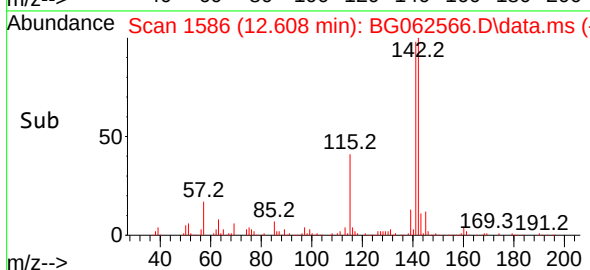
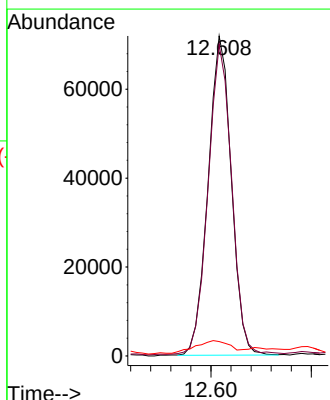
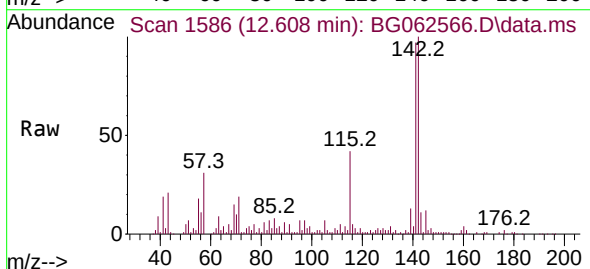
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Supervised By :mohammad
ahmed

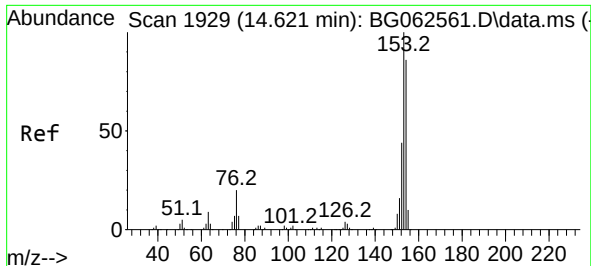
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#37
1-Methylnaphthalene
Concen: 11.003 ng/ul
RT: 12.608 min Scan# 1586
Delta R.T. -0.003 min
Lab File: BG062566.D
Acq: 23 Aug 2024 13:47

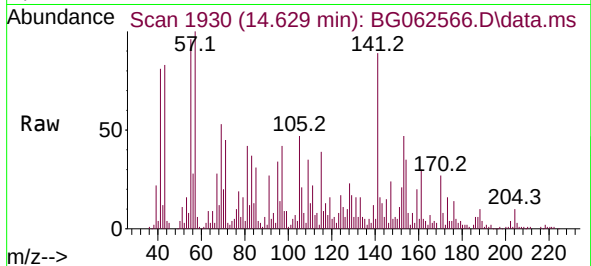
Tgt Ion:142 Resp: 115629
Ion Ratio Lower Upper
142 100
141 97.4 74.3 111.5
116 4.5 3.2 4.8





#52
Acenaphthene
Concen: 4.578 ng/ul m
RT: 14.629 min Scan# 1929
Delta R.T. 0.003 min
Lab File: BG062566.D
Acq: 23 Aug 2024 13:47

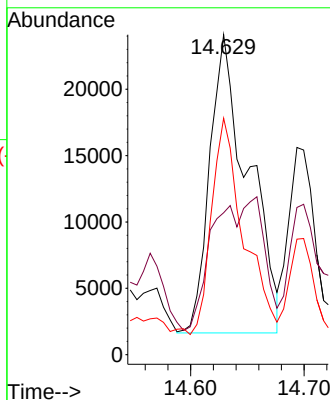
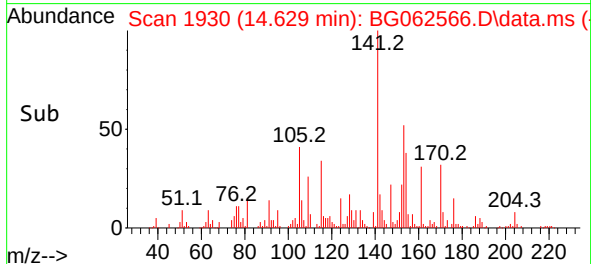
Instrument :
BNA_G
ClientSampleId :
GCN88



Tgt Ion:153 Resp: 52992
Ion Ratio Lower Upper
153 100
152 44.4 35.7 53.5
154 73.9 66.7 100.1

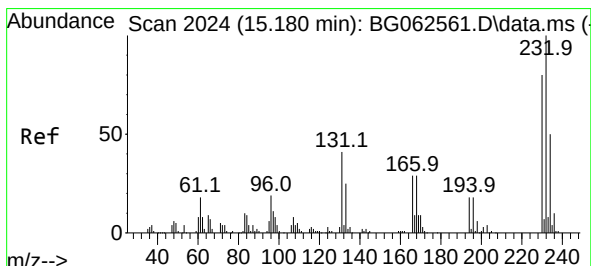
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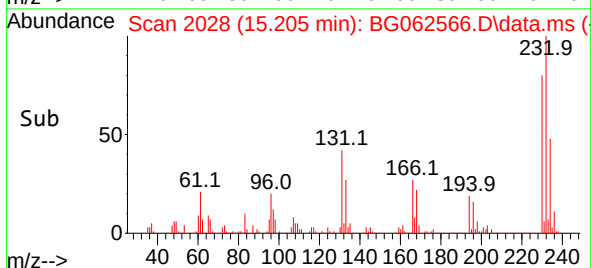
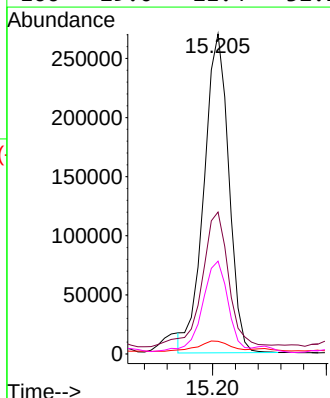
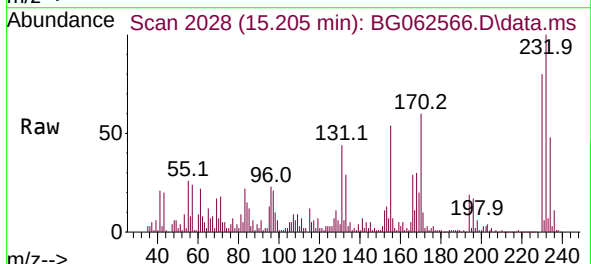
08/24/2024
Supervised By :mohammad
ahmed

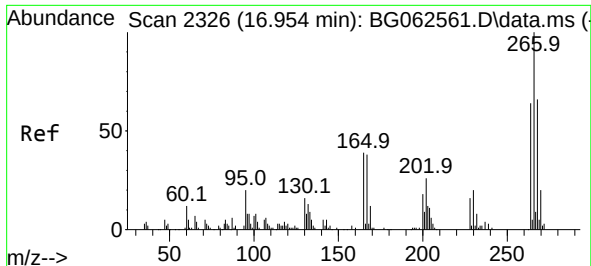
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#58
2,3,4,6-Tetrachlorophenol
Concen: 125.535 ng/ul
RT: 15.205 min Scan# 2028
Delta R.T. 0.021 min
Lab File: BG062566.D
Acq: 23 Aug 2024 13:47

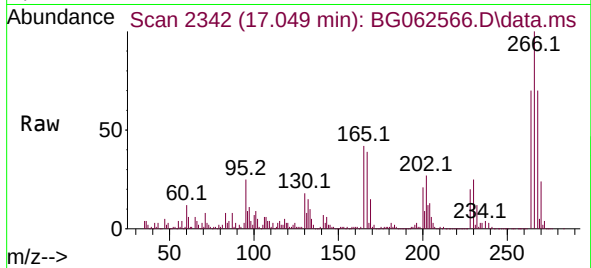
Tgt Ion:232 Resp: 408337
Ion Ratio Lower Upper
232 100
131 44.3 28.7 43.1#
130 4.0 1.5 2.3#
166 29.0 21.4 32.2





#71
Pentachlorophenol
Concen: 3350.475 ng/ul m
RT: 17.049 min Scan# 21
Delta R.T. 0.097 min
Lab File: BG062566.D
Acq: 23 Aug 2024 13:47

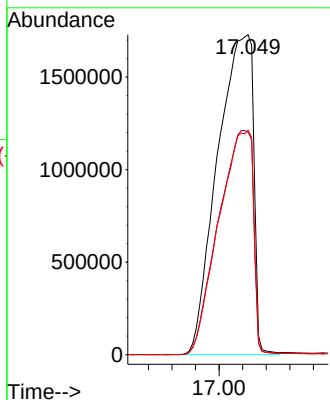
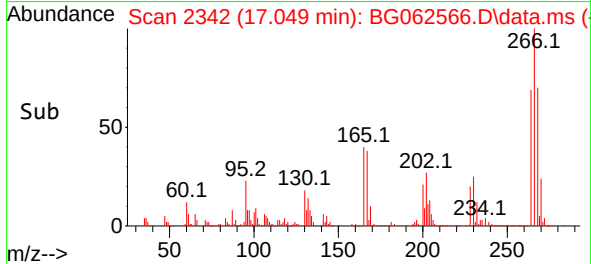
Instrument :
BNA_G
ClientSampleId :
GCN88



Tgt Ion:266 Resp: 731491
Ion Ratio Lower Upper
266 100
264 69.5 49.4 74.2
268 70.2 50.1 75.1

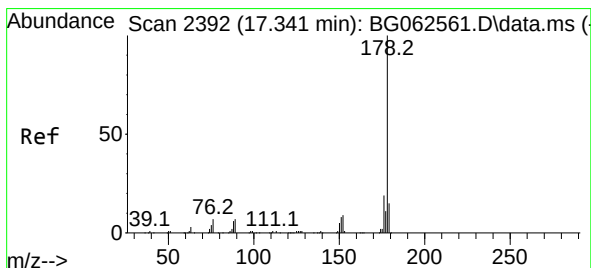
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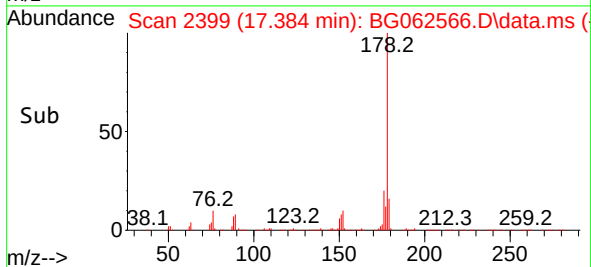
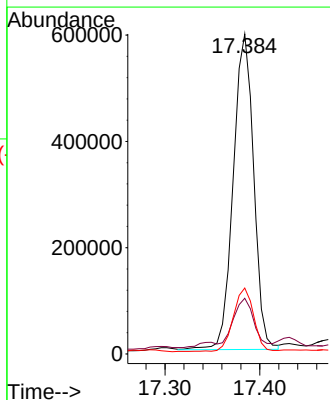
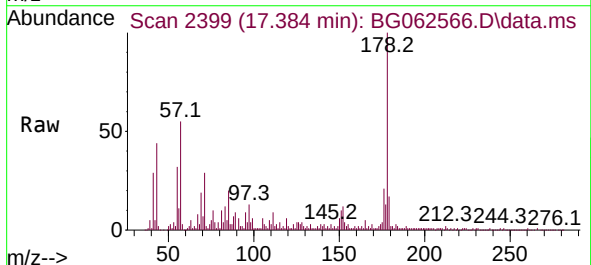
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Supervised By :mohammad
ahmed

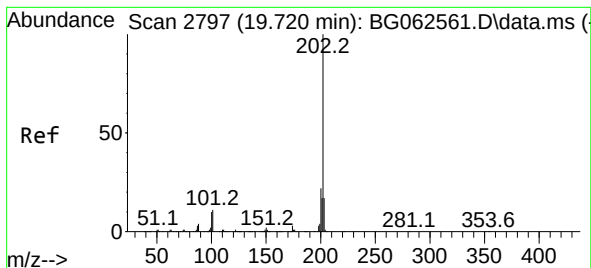
08/24/2024



#72
Phenanthrene
Concen: 55.315 ng/ul
RT: 17.384 min Scan# 2399
Delta R.T. 0.038 min
Lab File: BG062566.D
Acq: 23 Aug 2024 13:47

Tgt Ion:178 Resp: 889362
Ion Ratio Lower Upper
178 100
179 17.4 12.4 18.6
176 20.6 15.2 22.8





#82

Pyrene

Concen: 7.108 ng/ul

RT: 19.746 min Scan# 2797

Delta R.T. 0.032 min

Lab File: BG062566.D

Acq: 23 Aug 2024 13:47

Instrument :

BNA_G

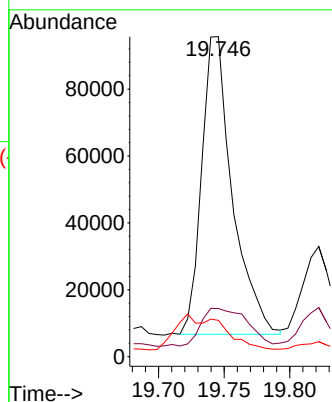
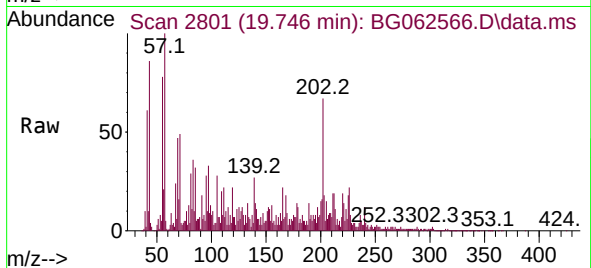
ClientSampleId :

GCN88

Tgt Ion:	202	Resp:	14536
Ion Ratio	Lower	Upper	
202	100		
101	15.0	9.0	13.6
100	11.4	8.2	12.4

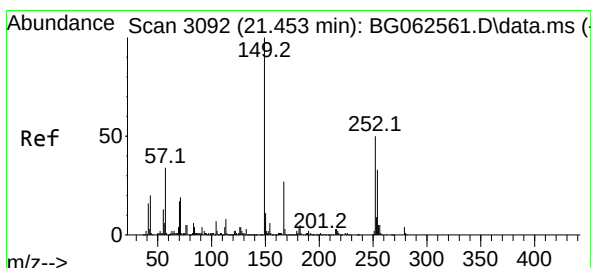
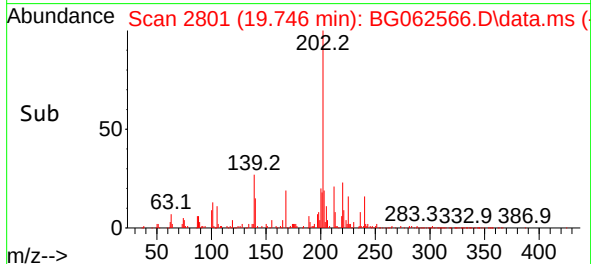
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ahmed

08/24/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 9.024 ng/ul

RT: 21.461 min Scan# 3093

Delta R.T. 0.015 min

Lab File: BG062566.D

Acq: 23 Aug 2024 13:47

Tgt Ion:	149	Resp:	90822
Ion Ratio	Lower	Upper	
149	100		
167	31.1	21.2	31.8
279	5.0	2.7	4.1

