

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
 Data File : BG062576.D
 Acq On : 23 Aug 2024 21:20
 Operator : MA/JU
 Sample : P3696-04DL 30X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GCN88DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 24 01:18:31 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	7.935	152	57075	20.000	ng/u1	0.00
20) Naphthalene-d8	10.732	136	273529	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.562	164	196327	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.317	188	361873	20.000	ng/u1	0.01
79) Chrysene-d12	21.552	240	332248	20.000	ng/u1	0.00
88) Perylene-d12	24.636	264	379932	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.101	99	3948	0.695	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.260	67	2382	0.666	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.471	132	2836	0.731	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	3361	0.706	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	1285m	0.733	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.803	143	1489	0.853	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.350	165	3540	0.796	ng/u1	0.00
31) 4-Chloroaniline-d4	10.849	131	7205	1.022	ng/u1	-0.02
46) Dimethylphthalate-d6	13.963	166	12959	0.849	ng/u1	0.00
49) Acenaphthylene-d8	14.250	160	14526	0.859	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.554	176	14188	1.030	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	2193	1.334	ng/u1	0.00
73) Anthracene-d10	17.411	188	18022m	1.037	ng/u1	0.01
81) Pyrene-d10	19.696	212	16597	0.853	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.425	264	12477	0.619	ng/u1	0.01
Target Compounds						
36) 2-Methylnaphthalene	12.388	142	16934	1.512	ng/u1	100
37) 1-Methylnaphthalene	12.606	142	43399	3.797	ng/u1	100
52) Acenaphthene	14.626	153	21603m	1.594	ng/u1	
58) 2,3,4,6-Tetrachlorophenol	15.190	232	163724	43.007	ng/u1#	89
71) Pentachlorophenol	17.000	266	3348683	1212.792	ng/u1	93
72) Phenanthrene	17.358	178	394460	19.399	ng/u1	98
82) Pyrene	19.725	202	60385	2.577	ng/u1#	90
86) Bis(2-ethylhexyl)phtha...	21.452	149	37335	3.238	ng/u1#	93

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

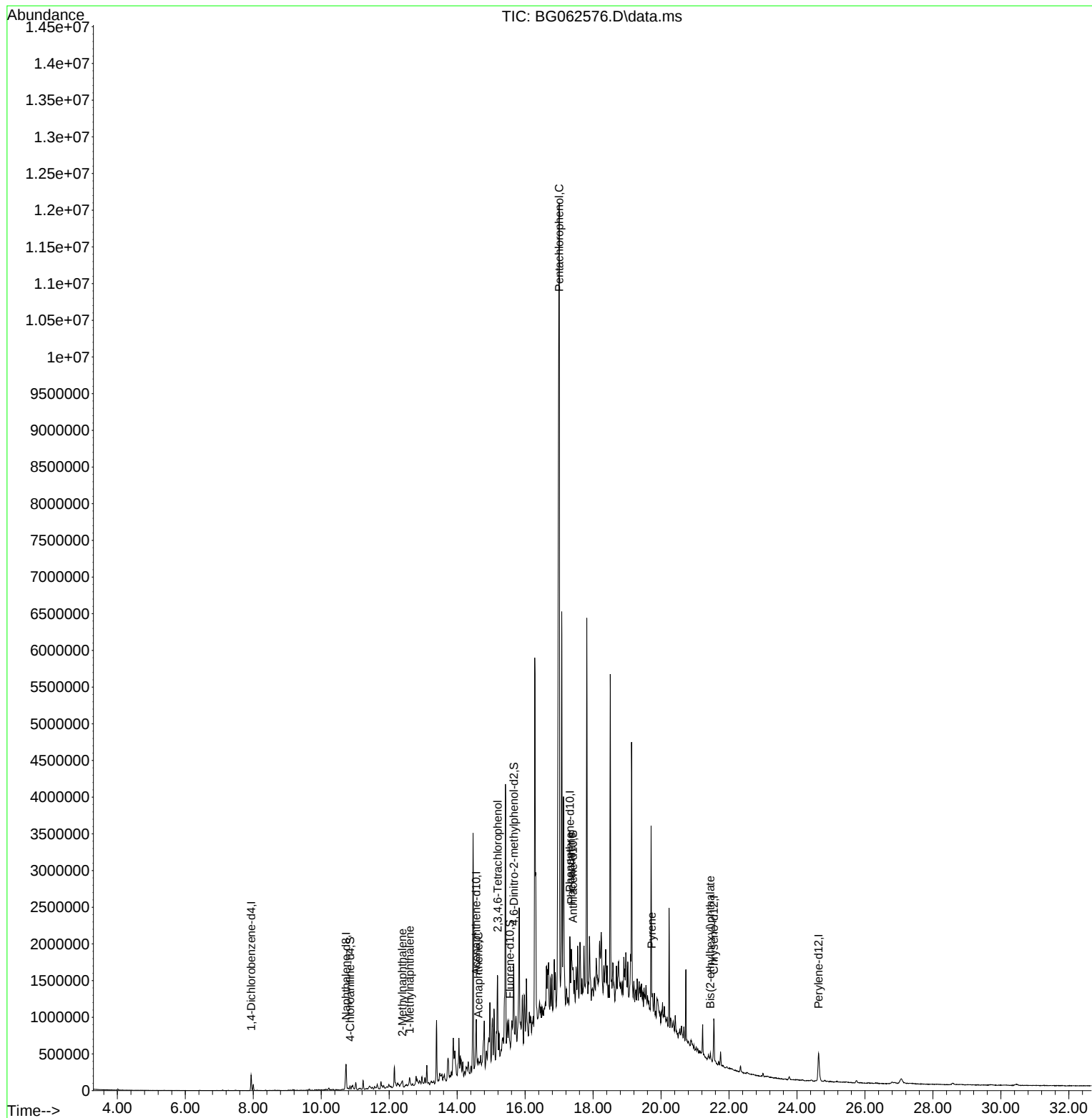
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
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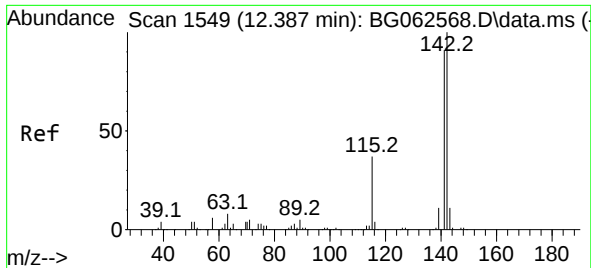
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Quant Title : SVOA CALIBRATION
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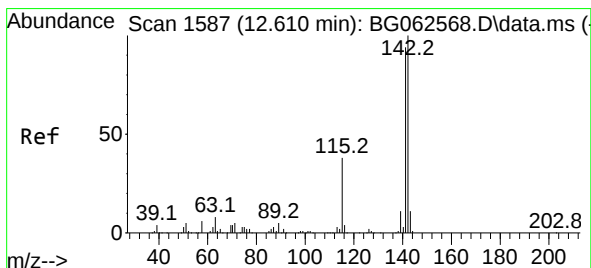
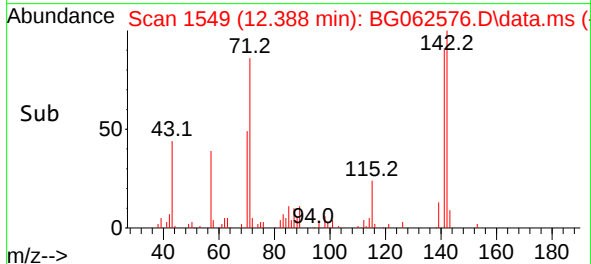
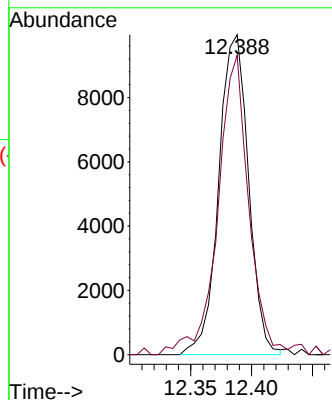
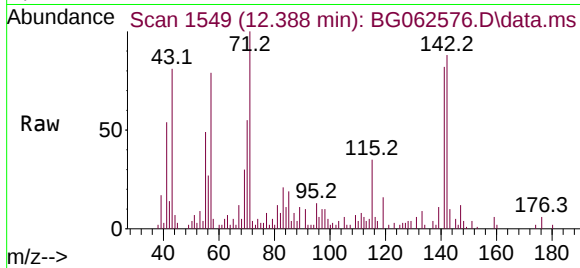
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2-Methylnaphthalene
Concen: 1.512 ng/ul
RT: 12.388 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BG062576.D
Acq: 23 Aug 2024 21:20

Instrument :
BNA_G
ClientSampleId :
GCN88DL

Tgt Ion:142 Resp: 16934
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4

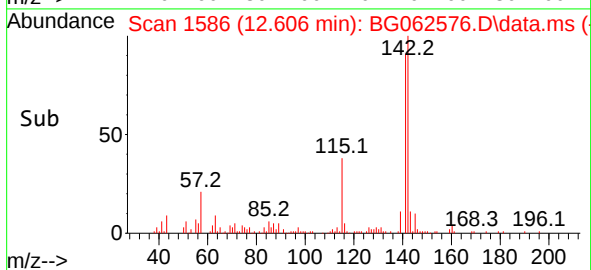
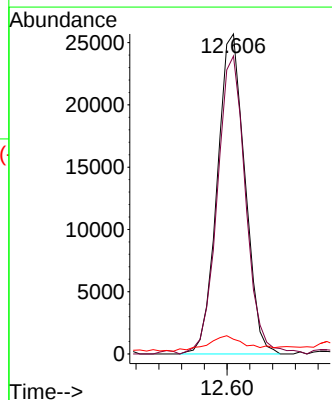
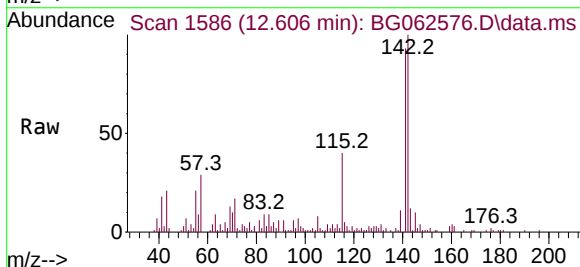
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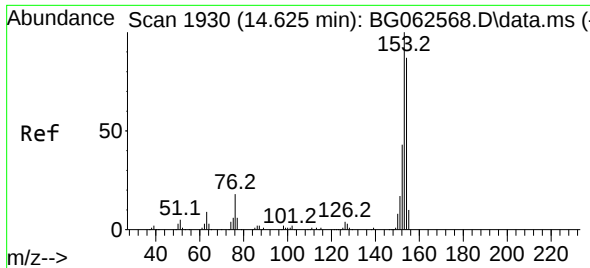
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#37
1-Methylnaphthalene
Concen: 3.797 ng/ul
RT: 12.606 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BG062576.D
Acq: 23 Aug 2024 21:20

Tgt Ion:142 Resp: 43399
Ion Ratio Lower Upper
142 100
141 93.1 74.3 111.5
116 4.6 3.2 4.8





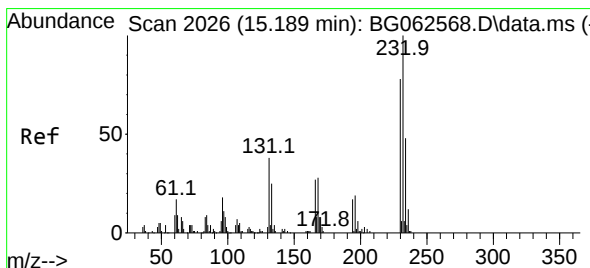
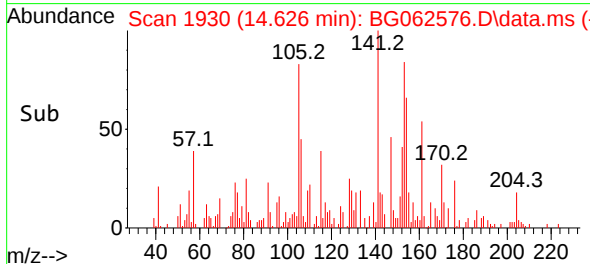
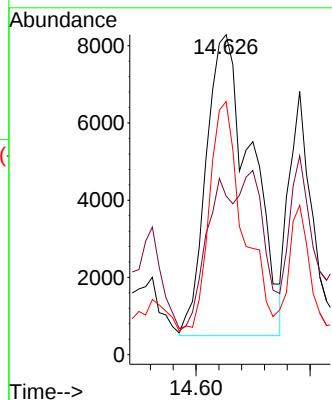
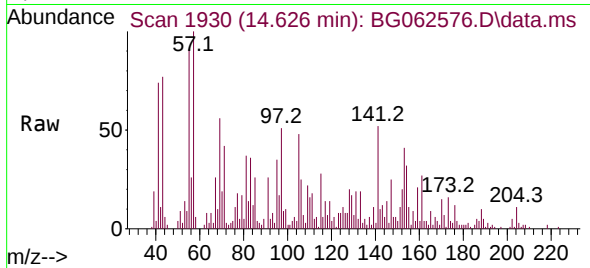
#52
Acenaphthene
Concen: 1.594 ng/ul m
RT: 14.626 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BG062576.D
Acq: 23 Aug 2024 21:20

Instrument :
BNA_G
ClientSampleId :
GCN88DL

Tgt Ion:153 Resp: 2160
Ion Ratio Lower Upper
153 100
152 49.6 35.7 53.5
154 79.1 66.7 100.1

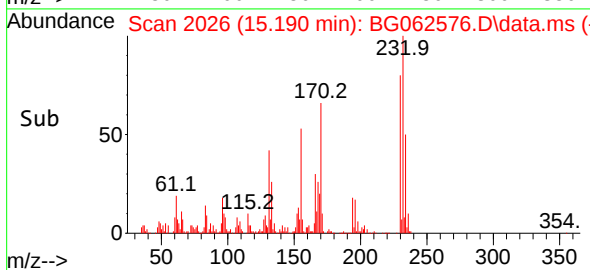
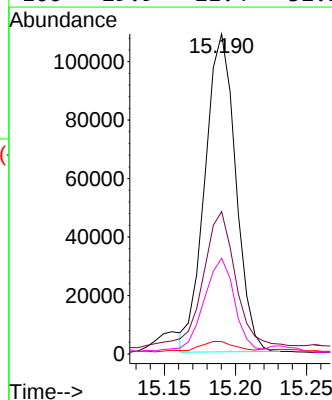
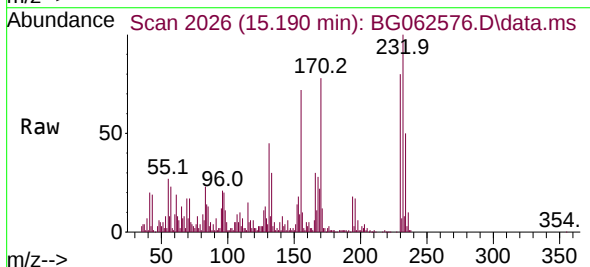
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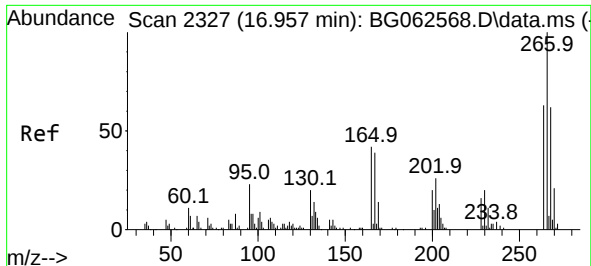
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 43.007 ng/ul
RT: 15.190 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BG062576.D
Acq: 23 Aug 2024 21:20

Tgt Ion:232 Resp: 163724
Ion Ratio Lower Upper
232 100
131 44.5 28.7 43.1#
130 3.9 1.5 2.3#
166 29.9 21.4 32.2





#71
 Pentachlorophenol
 Concen: 1212.792 ng/ul
 RT: 17.000 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: BG062576.D
 Acq: 23 Aug 2024 21:20

Instrument :

BNA_G

ClientSampleId :

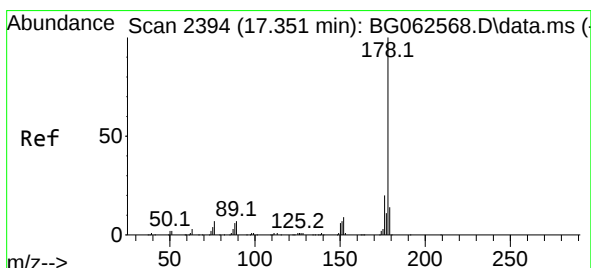
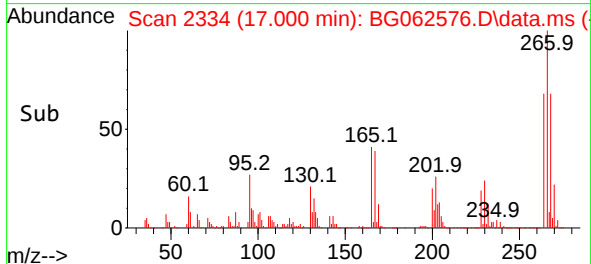
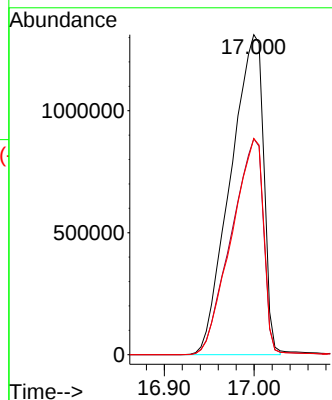
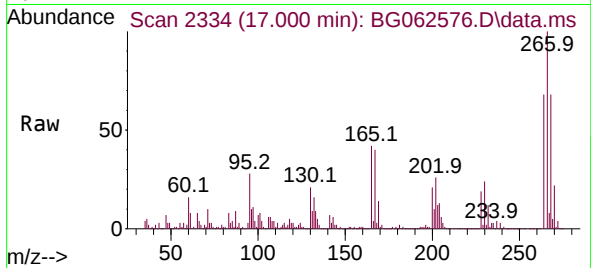
GCN88DL

Tgt Ion:266 Resp: 334868
 Ion Ratio Lower Upper
 266 100
 264 67.5 49.4 74.2
 268 67.6 50.1 75.1

Manual Integrations

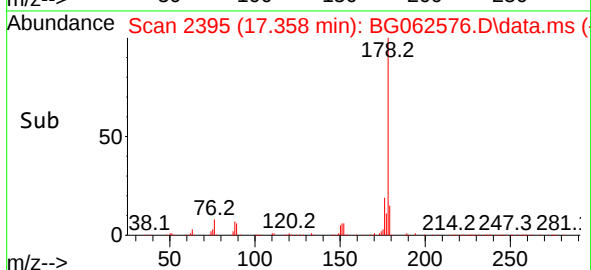
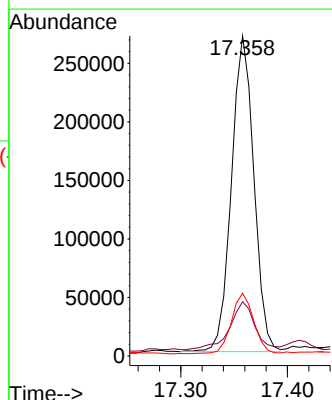
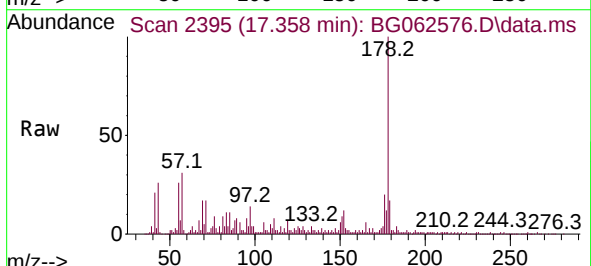
APPROVED

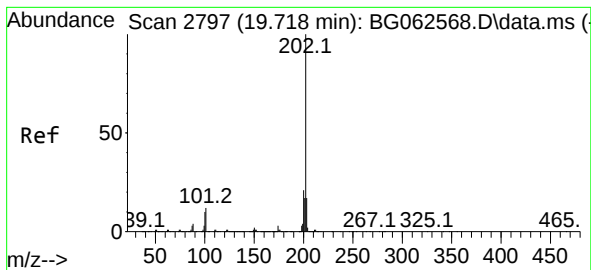
Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024



#72
 Phenanthrene
 Concen: 19.399 ng/ul
 RT: 17.358 min Scan# 2395
 Delta R.T. 0.012 min
 Lab File: BG062576.D
 Acq: 23 Aug 2024 21:20

Tgt Ion:178 Resp: 394460
 Ion Ratio Lower Upper
 178 100
 179 16.9 12.4 18.6
 176 19.6 15.2 22.8





#82

Pyrene

Concen: 2.577 ng/ul

RT: 19.725 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG062576.D

Acq: 23 Aug 2024 21:20

Instrument :

BNL_G

ClientSampleId :

GCN88DL

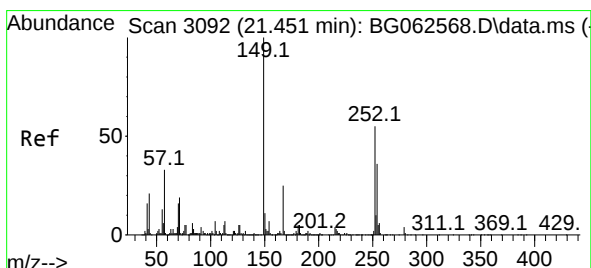
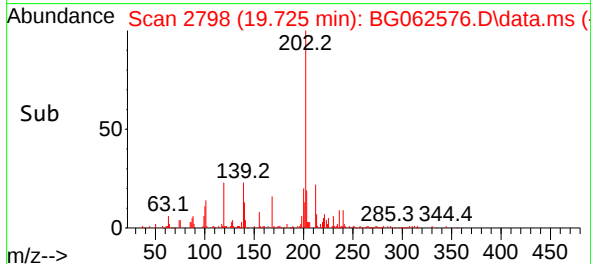
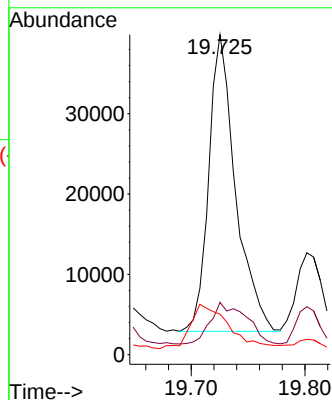
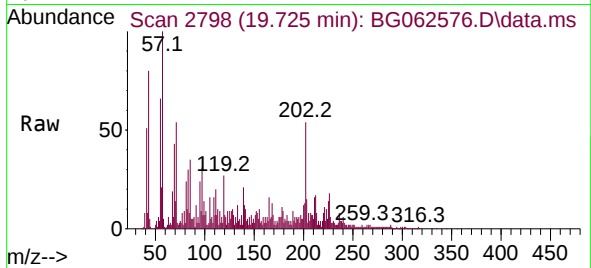
Tgt Ion:	202	Resp:	6038
Ion Ratio	Lower	Upper	
202	100		
101	16.4	9.0	13.6
100	12.6	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.238 ng/ul

RT: 21.452 min Scan# 3092

Delta R.T. 0.006 min

Lab File: BG062576.D

Acq: 23 Aug 2024 21:20

Tgt Ion:	149	Resp:	37335
Ion Ratio	Lower	Upper	
149	100		
167	30.1	21.2	31.8
279	5.0	2.7	4.1

