

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
 Data File : BG058419.D
 Acq On : 23 Jul 2023 3:52
 Operator : CG/JU
 Sample : 03504-12RE
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S6RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 23 04:30:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	79663	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	345557	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	222817	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	459930	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	384212	20.000	ng/u1	0.00
88) Perylene-d12	24.674	264	384134	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3435	1.587	ng/uL	0.00
4) Pyridine-d5	3.746	84	73293	11.409	ng/u1	0.00
7) Phenol-d5	7.065	99	16590	2.195	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67	43483	9.206	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	17342	3.278	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	2032	0.353	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	25226	9.739	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	25824	9.132	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.326	165	4002	0.738	ng/u1	0.00
31) 4-Chloroaniline-d4	10.843	131	925	0.118	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	154918	9.016	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	150208	8.342	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	14994m	5.778	ng/u1	0.01
60) Fluorene-d10	15.526	176	139313	9.793	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	2460	1.050	ng/u1	0.00
73) Anthracene-d10	17.377	188	58421	2.940	ng/u1	0.00
81) Pyrene-d10	19.668	212	174570	7.693	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.451	264	23281	1.254	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.318	178	42952	1.965	ng/u1	98
80) Fluoranthene	19.333	202	116771	4.492	ng/u1	98
82) Pyrene	19.698	202	82121	3.118	ng/u1	96
85) Benzo(a)anthracene	21.513	228	59138	2.290	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.413	149	33621	2.279	ng/u1	93
87) Chrysene	21.578	228	63229	2.581	ng/u1	95
90) Benzo(b)fluoranthene	23.675	252	78361	3.526	ng/u1#	94
91) Benzo(k)fluoranthene	23.734	252	31141m	1.405	ng/u1	

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

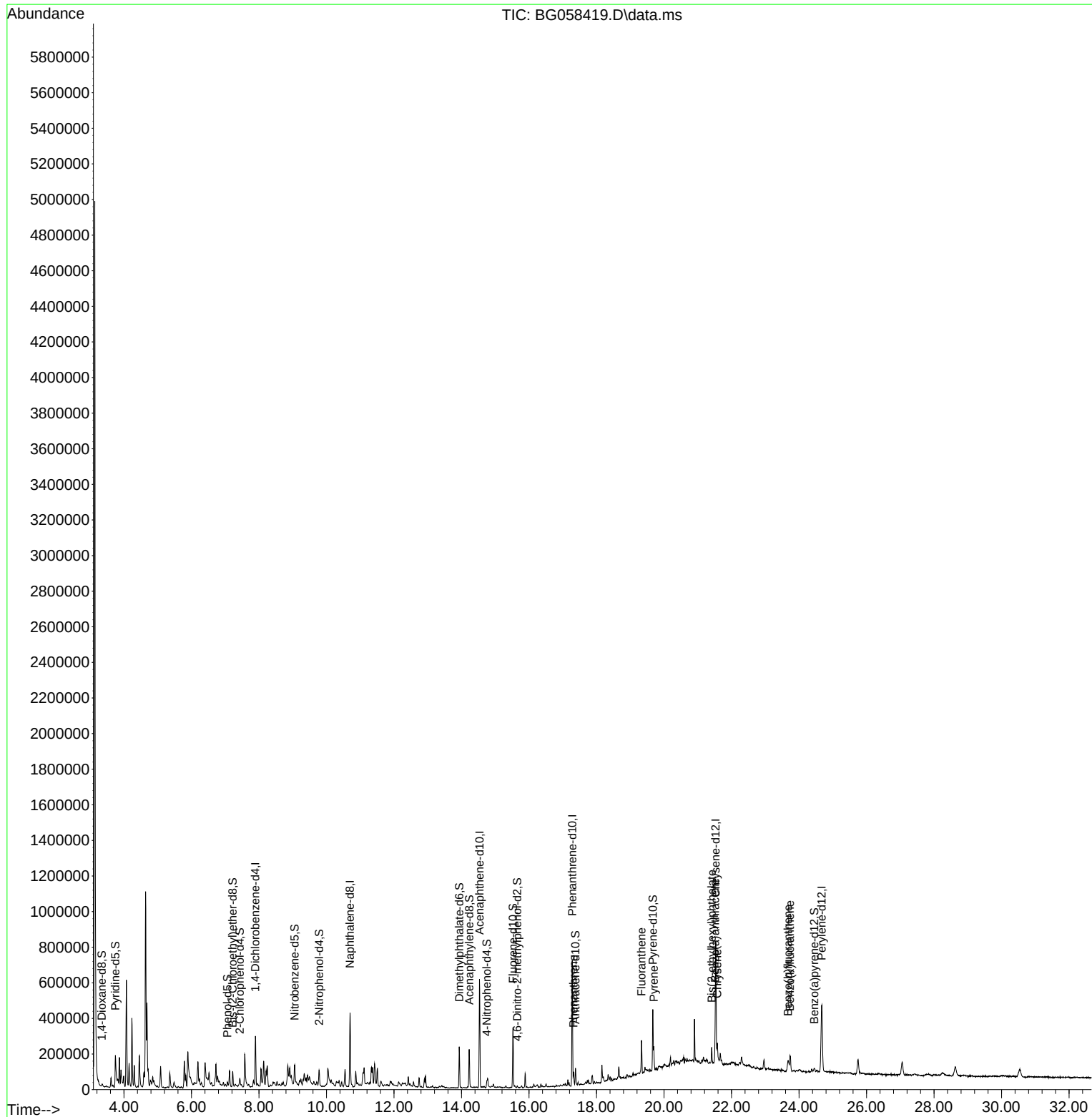
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072223\
Data File : BG058419.D
Acq On : 23 Jul 2023 3:52
Operator : CG/JU
Sample : 03504-12RE
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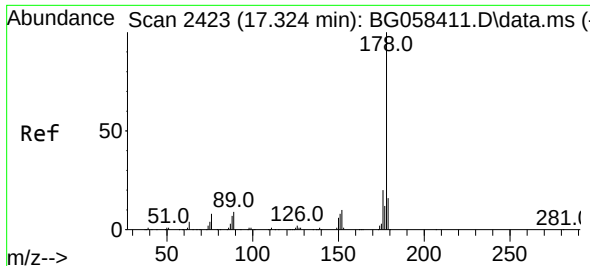
Instrument :
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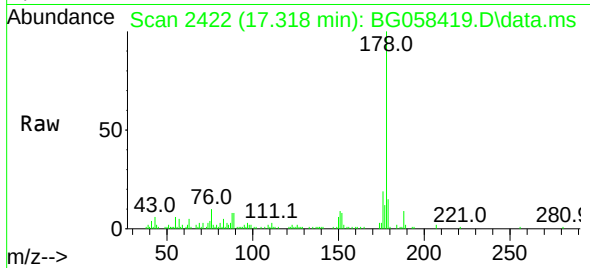
Quant Time: Jul 23 04:30:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.965 ng/ul
RT: 17.318 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG058419.D
Acq: 23 Jul 2023 3:52

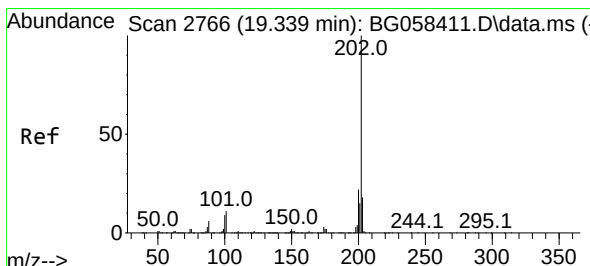
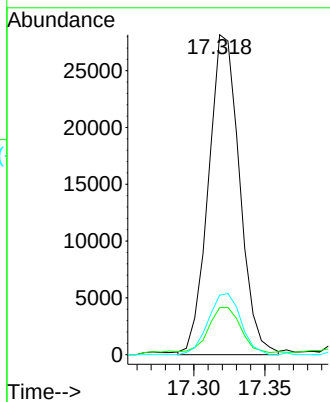
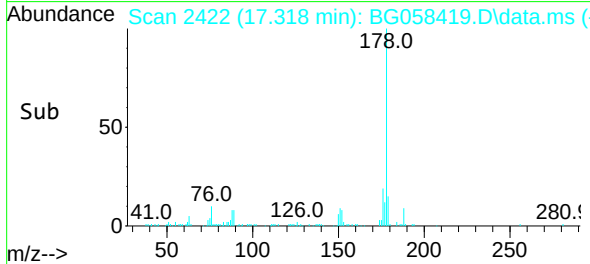
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ClientSampleId :
A46S6RE



Tgt Ion:178 Resp: 42952
Ion Ratio Lower Upper
178 100
179 14.7 11.9 17.9
176 18.6 15.8 23.8

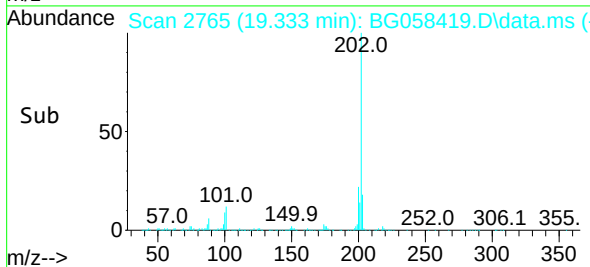
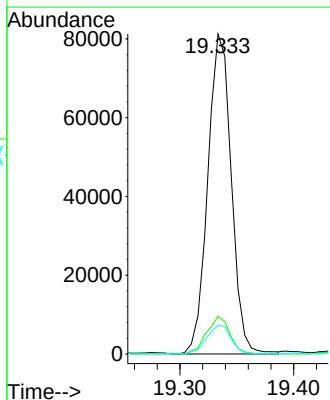
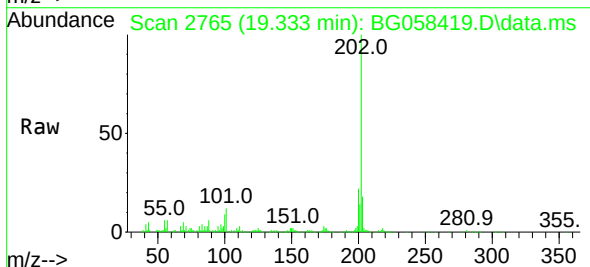
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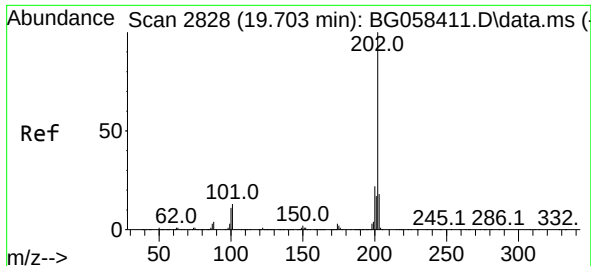
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#80
Fluoranthene
Concen: 4.492 ng/ul
RT: 19.333 min Scan# 2765
Delta R.T. 0.001 min
Lab File: BG058419.D
Acq: 23 Jul 2023 3:52

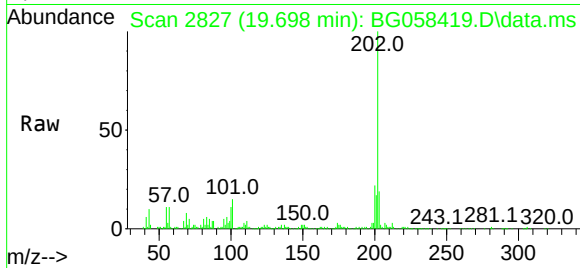
Tgt Ion:202 Resp: 116771
Ion Ratio Lower Upper
202 100
101 11.8 8.6 12.8
100 9.0 7.2 10.8





#82
 Pyrene
 Concen: 3.118 ng/ul
 RT: 19.698 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058419.D
 Acq: 23 Jul 2023 3:52

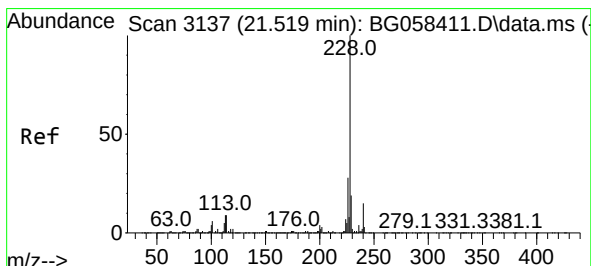
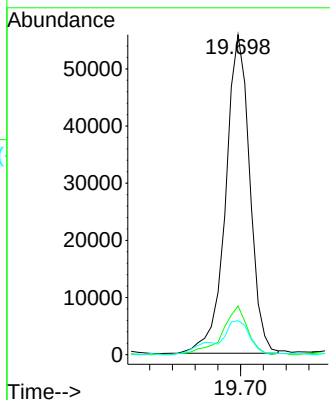
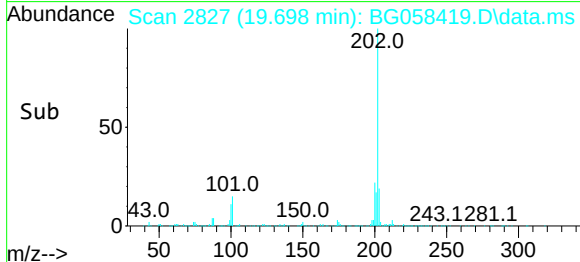
Instrument :
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 ClientSampleId :
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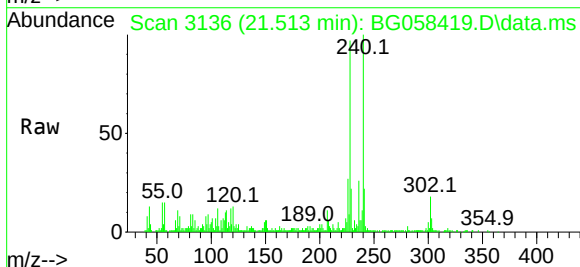
Tgt Ion:202 Resp: 8212
 Ion Ratio Lower Upper
 202 100
 101 15.2 10.2 15.2
 100 10.7 8.9 13.3

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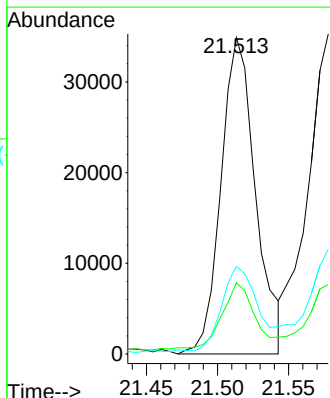
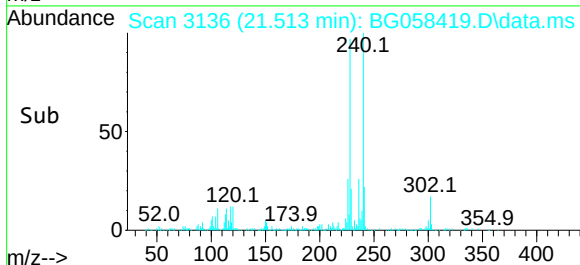
Reviewed By :Yogesh Patel 07/24/2023
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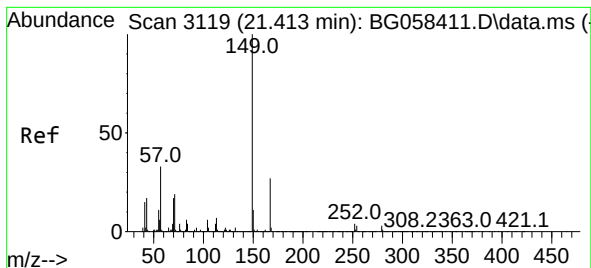


#85
 Benzo(a)anthracene
 Concen: 2.290 ng/ul
 RT: 21.513 min Scan# 3136
 Delta R.T. 0.001 min
 Lab File: BG058419.D
 Acq: 23 Jul 2023 3:52



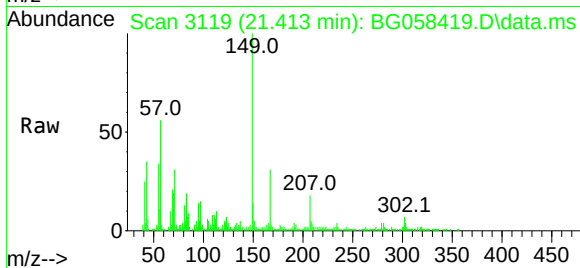
Tgt Ion:228 Resp: 59138
 Ion Ratio Lower Upper
 228 100
 229 22.5 15.7 23.5
 226 27.7 21.8 32.8





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.279 ng/ul
 RT: 21.413 min Scan# 3119
 Delta R.T. 0.001 min
 Lab File: BG058419.D
 Acq: 23 Jul 2023 3:52

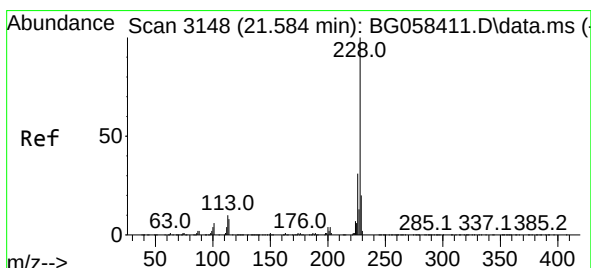
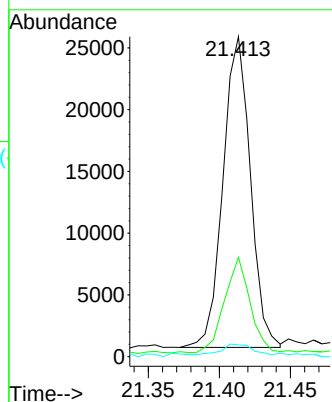
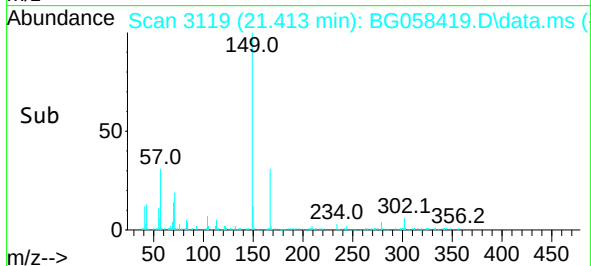
Instrument :
 BNA_G
 ClientSampleId :
 A46S6RE



Tgt Ion:149 Resp: 3362
 Ion Ratio Lower Upper
 149 100
 167 31.0 21.6 32.4
 279 3.7 3.0 4.4

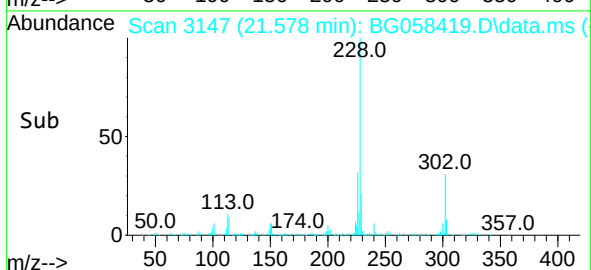
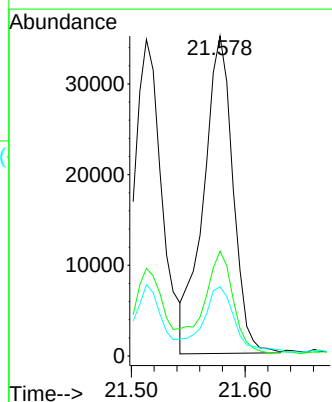
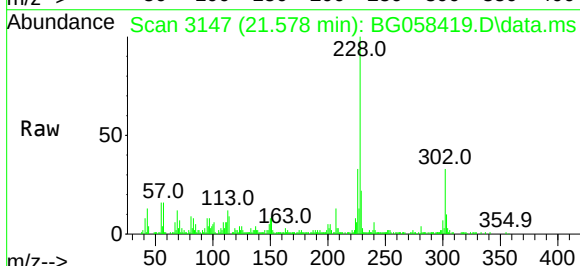
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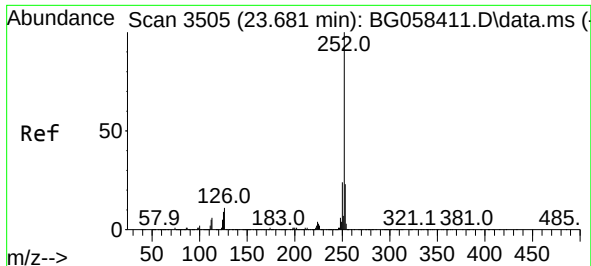
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#87
 Chrysene
 Concen: 2.581 ng/ul
 RT: 21.578 min Scan# 3147
 Delta R.T. 0.001 min
 Lab File: BG058419.D
 Acq: 23 Jul 2023 3:52

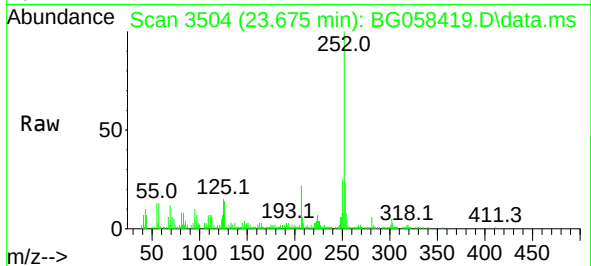
Tgt Ion:228 Resp: 63229
 Ion Ratio Lower Upper
 228 100
 226 32.8 24.0 36.0
 229 21.7 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 3.526 ng/ul
RT: 23.675 min Scan# 3505
Delta R.T. 0.007 min
Lab File: BG058419.D
Acq: 23 Jul 2023 3:52

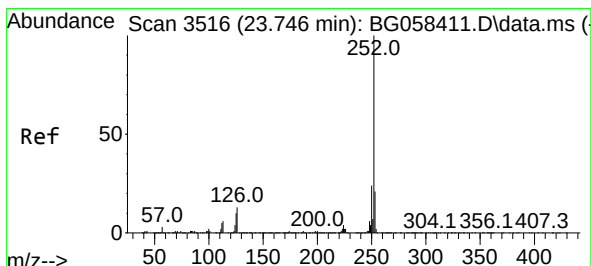
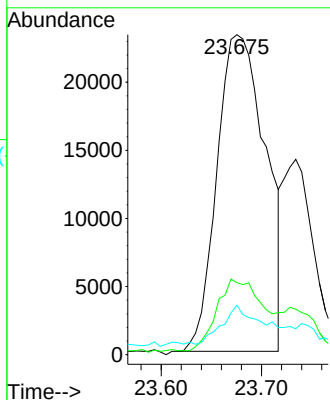
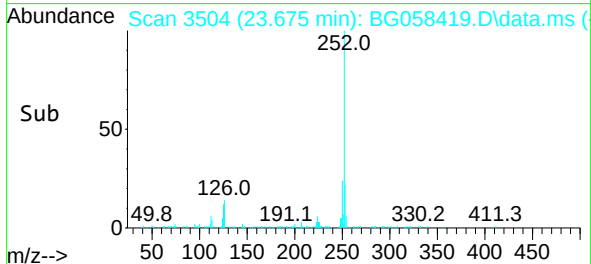
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:252 Resp: 7836
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 15.5 6.7 10.1

Manual Integrations
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Supervised By :mohammad ahmed 07/24/2023



#91
Benzo(k)fluoranthene
Concen: 1.405 ng/ul m
RT: 23.734 min Scan# 3514
Delta R.T. 0.001 min
Lab File: BG058419.D
Acq: 23 Jul 2023 3:52

Tgt Ion:252 Resp: 31141
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 13.3 7.4 11.0

