

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
 Data File : BG056904.D
 Acq On : 9 Mar 2023 7:33
 Operator : CG/JU
 Sample : 01784-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCAE5

Manual Integrations
 APPROVED

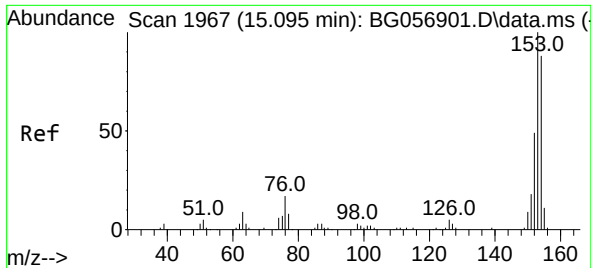
Reviewed By : Christian Giraldo 03/10/2023
 Supervised By : Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 02:01:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 08 23:58:51 2023
 Response via : Initial Calibration

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

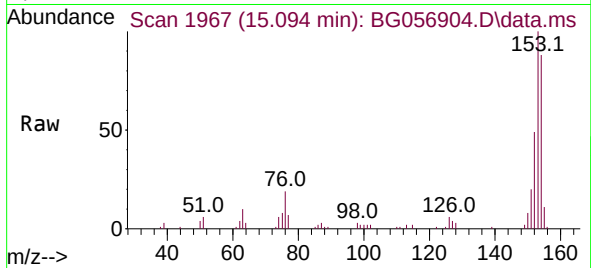
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	14500	20.000	ng/u1	# 0.00
20) Naphthalene-d8	11.258	136	61753	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	15.030	164	51386	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.774	188	139071	20.000	ng/u1	0.00
79) Chrysene-d12	22.092	240	144024	20.000	ng/u1	0.00
88) Perylene-d12	25.647	264	157498	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	1510	4.039	ng/uL	0.00
4) Pyridine-d5	4.131	84	13096	10.767	ng/u1	0.00
7) Phenol-d5	7.539	99	9527	6.411	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.715	67	29724	31.842	ng/u1	0.00
11) 2-Chlorophenol-d4	7.938	132	23602	25.376	ng/u1	0.00
15) 4-Methylphenol-d8	9.107	113	17298	15.426	ng/u1	0.00
21) Nitrobenzene-d5	9.589	128	17327	33.830	ng/u1	0.00
24) 2-Nitrophenol-d4	10.324	143	19808	32.691	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	33207	28.293	ng/u1	0.00
31) 4-Chloroaniline-d4	11.381	131	32444	20.979	ng/u1	0.00
46) Dimethylphthalate-d6	14.419	166	150217	34.176	ng/u1	0.00
49) Acenaphthylene-d8	14.730	160	153103	31.724	ng/u1	0.00
54) 4-Nitrophenol-d4	15.200	143	5569m	7.477	ng/u1	0.00
60) Fluorene-d10	16.017	176	131314	32.218	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.117	200	35815	35.634	ng/u1	0.00
73) Anthracene-d10	17.868	188	242964m	36.148	ng/u1	0.00
81) Pyrene-d10	20.136	212	311206	35.475	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.400	264	313703	36.376	ng/u1	0.00
Target Compounds						
						Qvalue
52) Acenaphthene	15.094	153	36960	10.835	ng/u1	97
56) Dibenzofuran	15.423	168	86913	16.668	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.641	232	4703	3.546	ng/u1#	90
61) Fluorene	16.070	166	45881	11.049	ng/u1	95
71) Pentachlorophenol	17.415	266	16209	14.696	ng/u1	93
72) Phenanthrene	17.815	178	61217	8.179	ng/u1	98
77) Carbazole	18.167	167	224549	34.705	ng/u1	98

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



#52
Acenaphthene
Concen: 10.835 ng/uI
RT: 15.094 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BG056904.D
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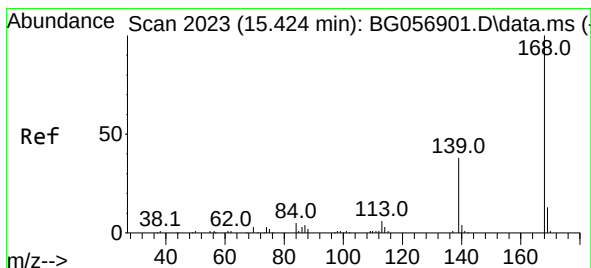
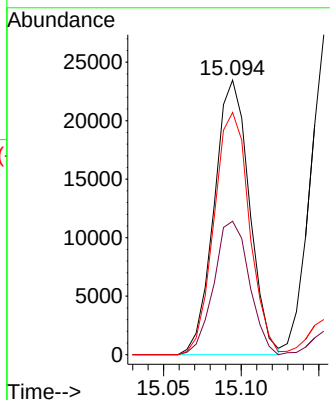
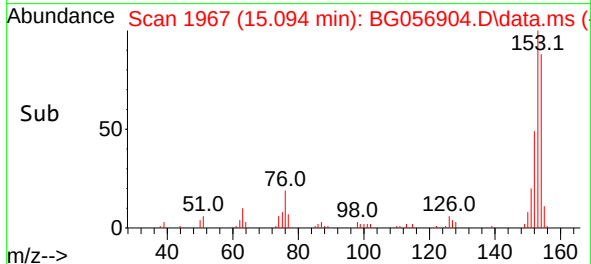
Instrument :
BNA_G
ClientSampleId :
DCAE5



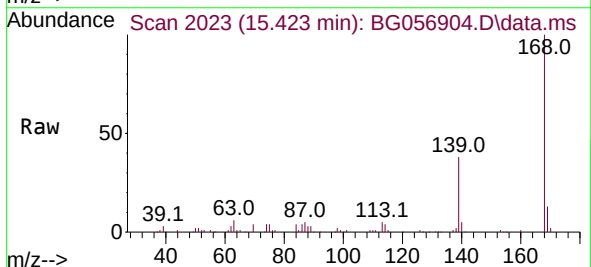
Tgt Ion:153 Resp: 36960
Ion Ratio Lower Upper
153 100
152 48.6 40.5 60.7
154 88.2 67.8 101.8

Manual Integrations
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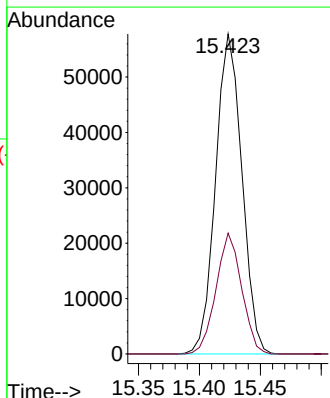
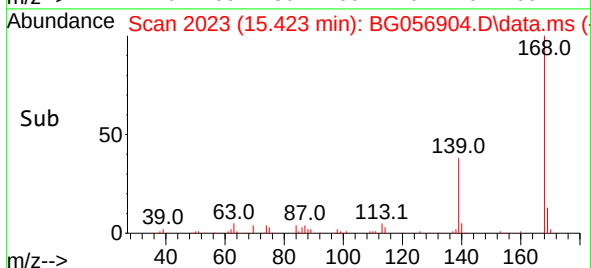
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

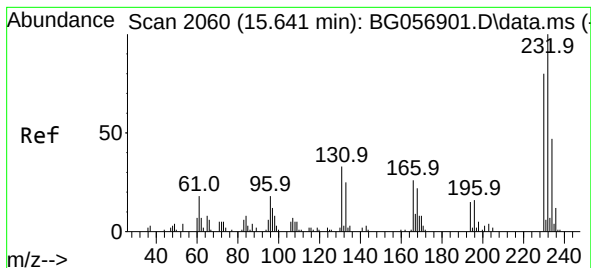


#56
Dibenzofuran
Concen: 16.668 ng/uI
RT: 15.423 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BG056904.D
Acq: 9 Mar 2023 7:33



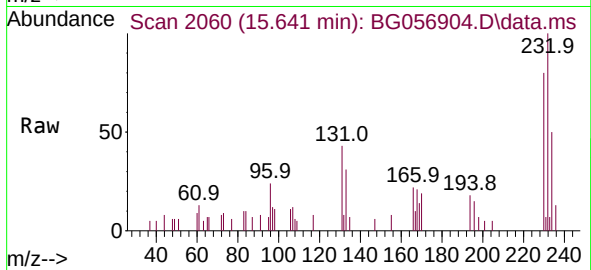
Tgt Ion:168 Resp: 86913
Ion Ratio Lower Upper
168 100
139 37.7 29.5 44.3





#58
2,3,4,6-Tetrachlorophenol
Concen: 3.546 ng/ul
RT: 15.641 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BG056904.D
Acq: 9 Mar 2023 7:33

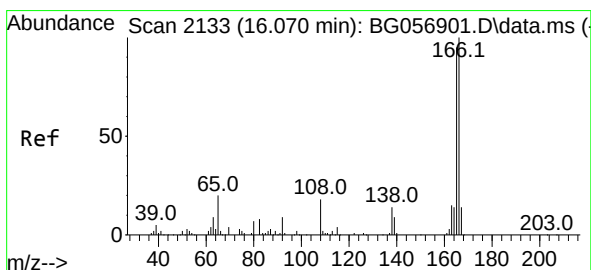
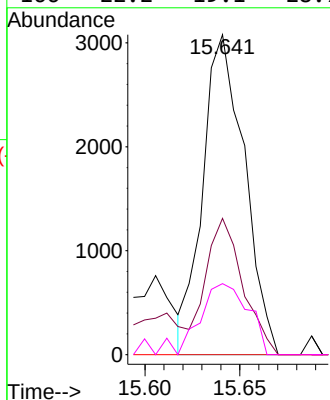
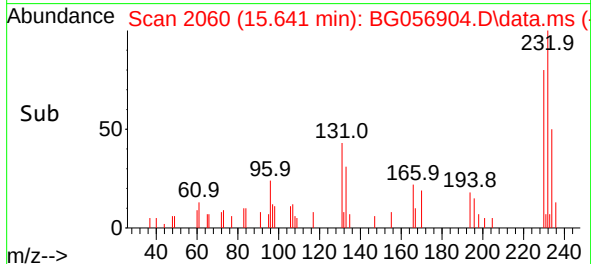
Instrument :
BNA_G
ClientSampleId :
DCAE5



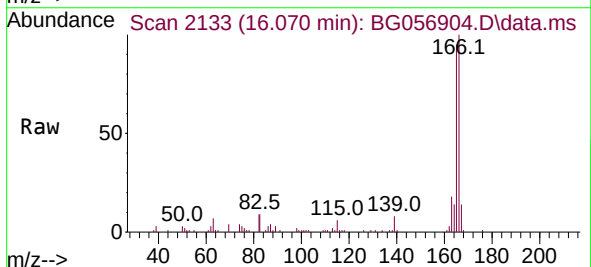
Tgt Ion:232 Resp: 470
Ion Ratio Lower Upper
232 100
131 42.6 27.2 40.8
130 0.0 2.4 3.6
166 22.2 19.1 28.7

Manual Integrations
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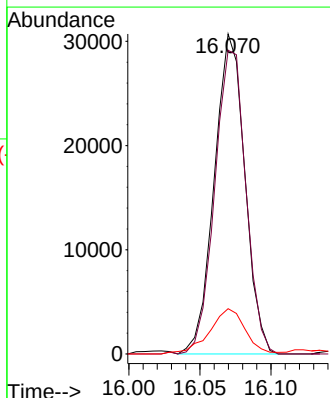
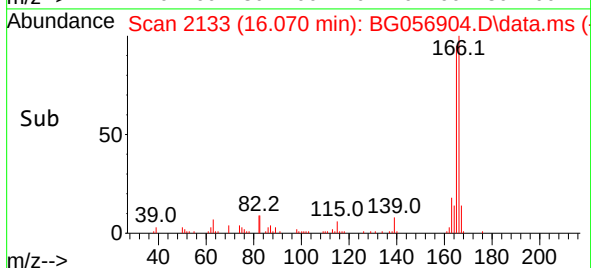
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

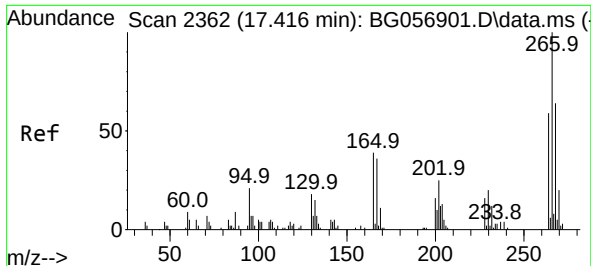


#61
Fluorene
Concen: 11.049 ng/ul
RT: 16.070 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BG056904.D
Acq: 9 Mar 2023 7:33



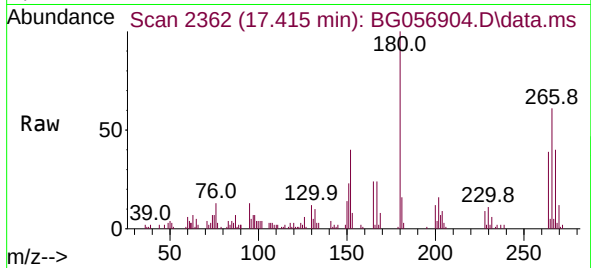
Tgt Ion:166 Resp: 45881
Ion Ratio Lower Upper
166 100
165 94.9 80.5 120.7
167 14.1 11.3 16.9





#71
 Pentachlorophenol
 Concen: 14.696 ng/ul
 RT: 17.415 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG056904.D
 Acq: 9 Mar 2023 7:33

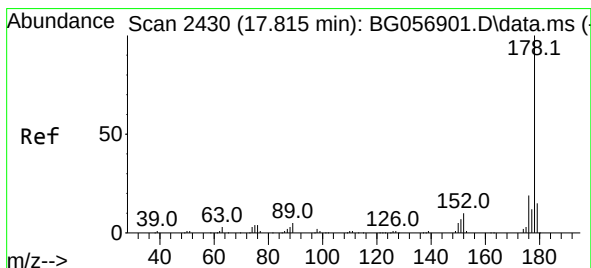
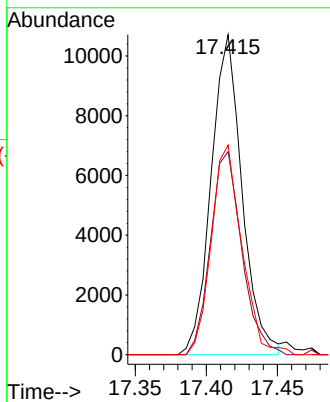
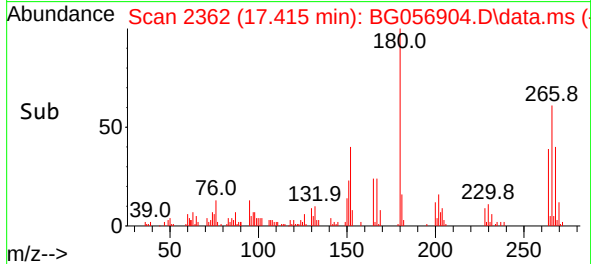
Instrument :
 BNA_G
 ClientSampleId :
 DCAE5



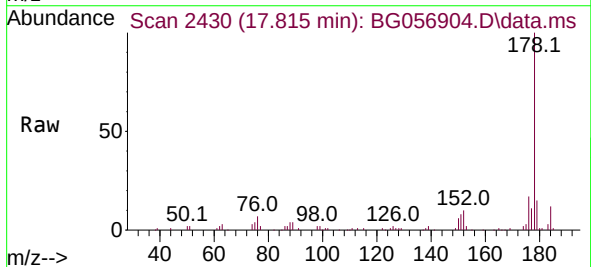
Tgt Ion:266 Resp: 16209
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.6 76.0
 268 71.1 48.6 73.0

Manual Integrations
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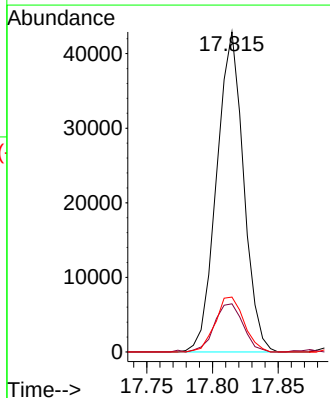
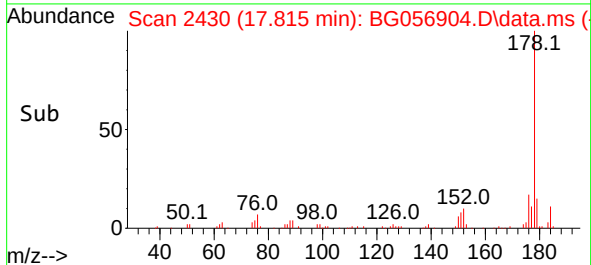
Reviewed By :Christian Giraldo 03/10/2023
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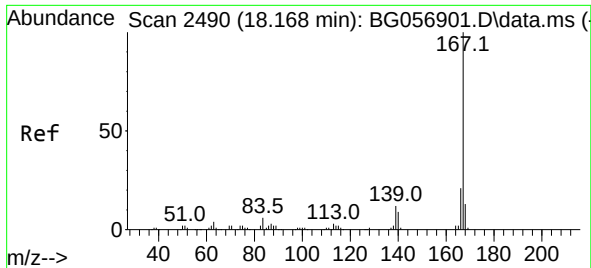


#72
 Phenanthrene
 Concen: 8.179 ng/ul
 RT: 17.815 min Scan# 2430
 Delta R.T. -0.000 min
 Lab File: BG056904.D
 Acq: 9 Mar 2023 7:33



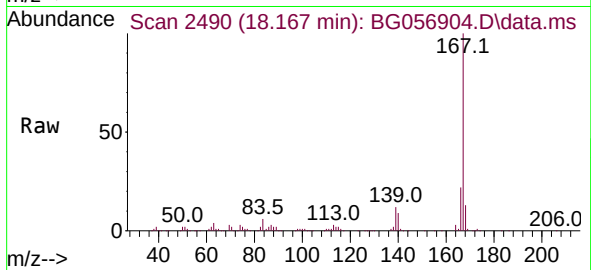
Tgt Ion:178 Resp: 61217
 Ion Ratio Lower Upper
 178 100
 179 15.1 11.9 17.9
 176 17.2 14.6 22.0





#77
 Carbazole
 Concen: 34.705 ng/ul
 RT: 18.167 min Scan# 2490
 Delta R.T. -0.000 min
 Lab File: BG056904.D
 Acq: 9 Mar 2023 7:33

Instrument :
 BNA_G
 ClientSampleId :
 DCAE5



Tgt Ion:167 Resp: 224549
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 12.0 10.2 15.2

Manual Integrations
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