

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061385.D
 Acq On : 31 May 2024 8:50
 Operator : MA/JU
 Sample : P2570-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Q9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 09:26:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	28801	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	112458	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.510	164	80536	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	181581	20.000	ng/u1	0.00
79) Chrysene-d12	21.508	240	188997	20.000	ng/u1	0.00
88) Perylene-d12	24.598	264	216237	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	2939	5.711	ng/uL	0.00
4) Pyridine-d5	3.740	84	49682	27.135	ng/u1	0.00
7) Phenol-d5	7.060	99	73996	31.286	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.207	67	47021	31.630	ng/u1	0.00
11) 2-Chlorophenol-d4	7.413	132	59467	33.973	ng/u1	0.00
15) 4-Methylphenol-d8	8.594	113	62319	30.901	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	31206	36.041	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	35835	35.363	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.297	165	70664	35.770	ng/u1	0.00
31) 4-Chloroaniline-d4	10.803	131	83074	32.143	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	227539	36.428	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	251235	38.689	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	24067m	31.165	ng/u1	0.00
60) Fluorene-d10	15.503	176	197911	36.700	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	25048	22.807	ng/u1	0.00
73) Anthracene-d10	17.354	188	314433	39.278	ng/u1	0.00
81) Pyrene-d10	19.651	212	375882	38.734	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.387	264	412786	39.707	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.301	178	9353	1.061	ng/u1	94
80) Fluoranthene	19.316	202	32945	2.830	ng/u1	99
82) Pyrene	19.680	202	31899	2.640	ng/u1#	96
83) Butylbenzylphthalate	20.568	149	5147	1.240	ng/u1	96
85) Benzo(a)anthracene	21.490	228	19501	1.495	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.402	149	32061	5.218	ng/u1	97
87) Chrysene	21.555	228	19284m	1.606	ng/u1	
90) Benzo(b)fluoranthene	23.617	252	27141	2.108	ng/u1#	96
93) Benzo(a)pyrene	24.446	252	19167m	1.568	ng/u1	
96) Benzo(g,h,i)perylene	29.169	276	12857m	1.093	ng/u1	

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

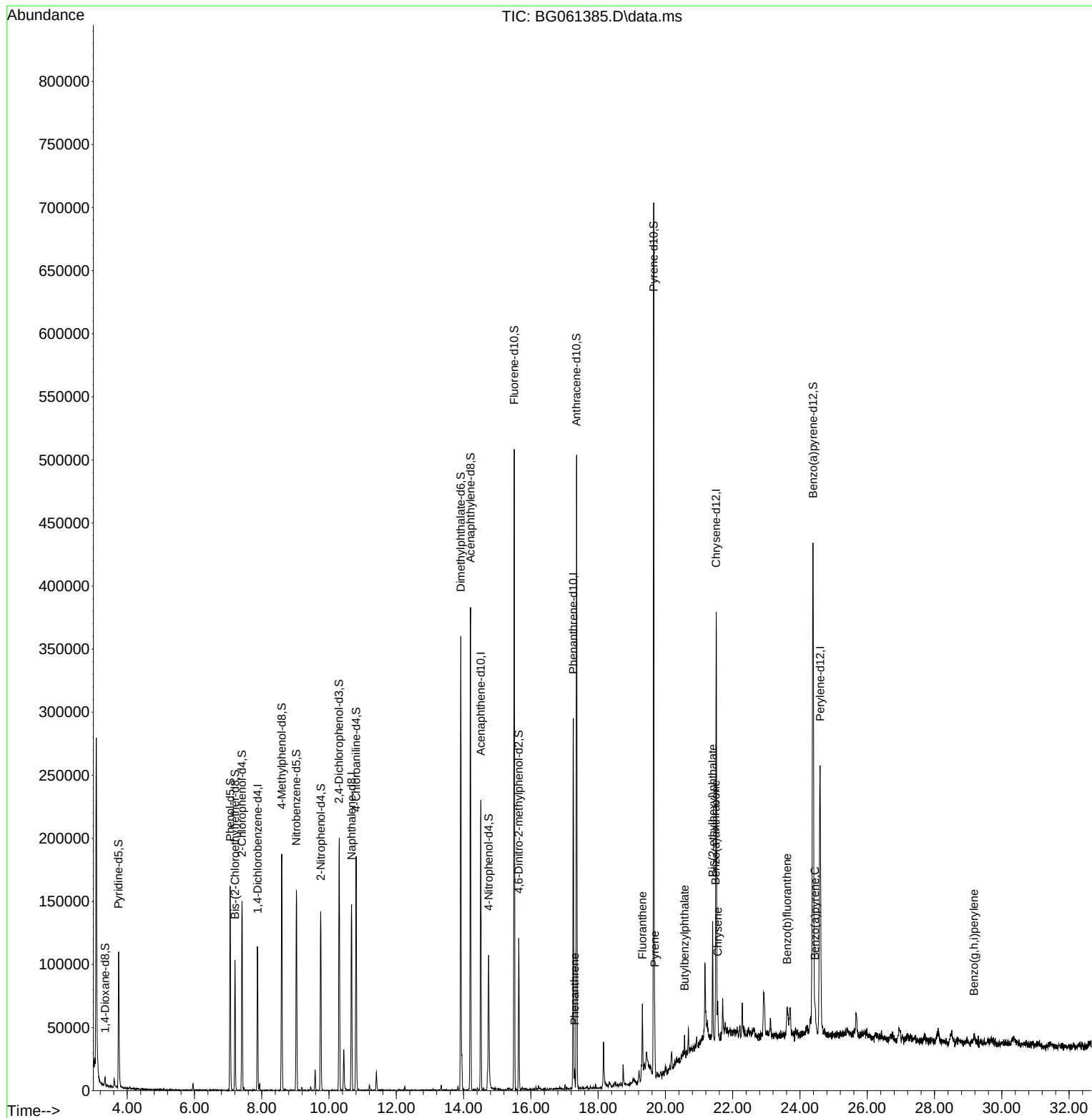
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061385.D
Acq On : 31 May 2024 8:50
Operator : MA/JU
Sample : P2570-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

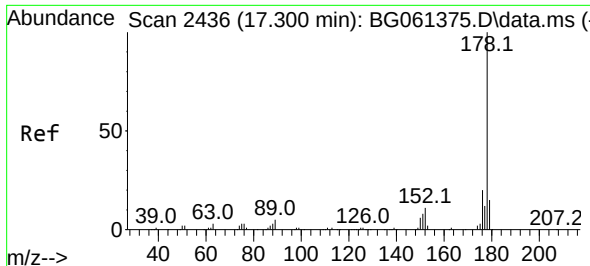
Instrument :
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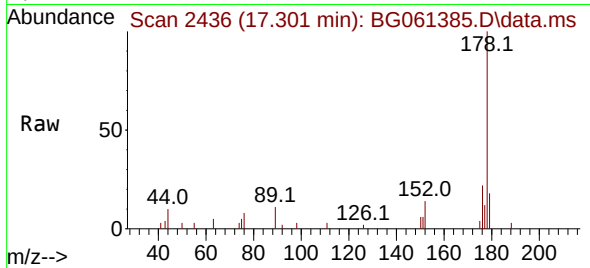
Quant Time: May 31 09:26:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.061 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG061385.D
Acq: 31 May 2024 8:50

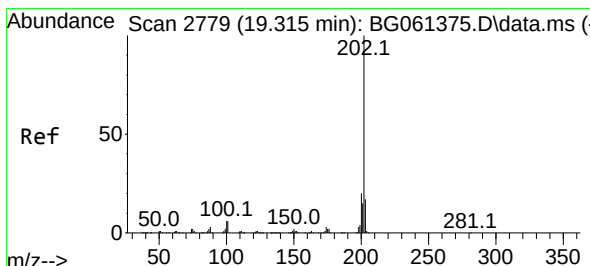
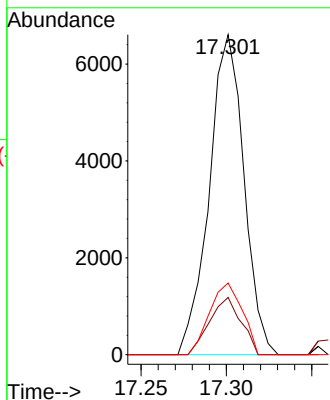
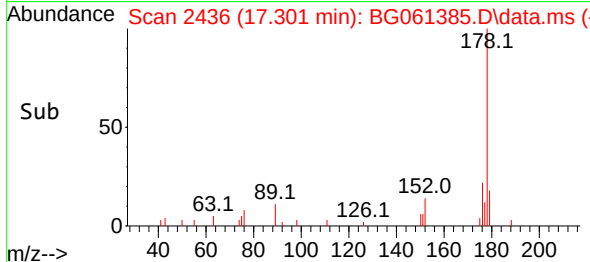
Instrument :
BNA_G
ClientSampleId :
BH5Q9



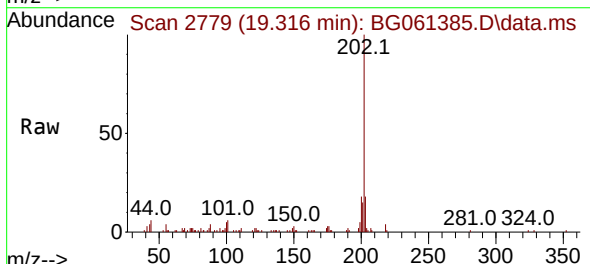
Tgt Ion:178 Resp: 935
Ion Ratio Lower Upper
178 100
179 17.9 12.7 19.1
176 22.4 15.5 23.3

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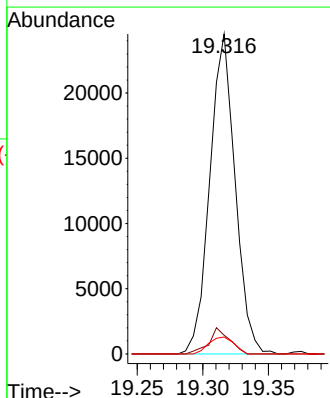
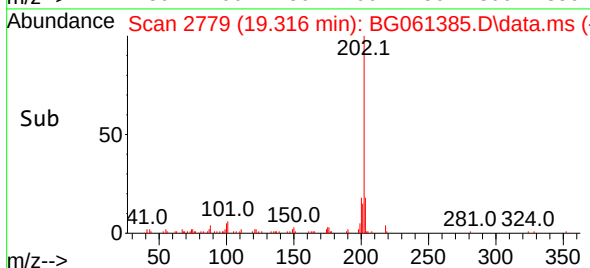
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

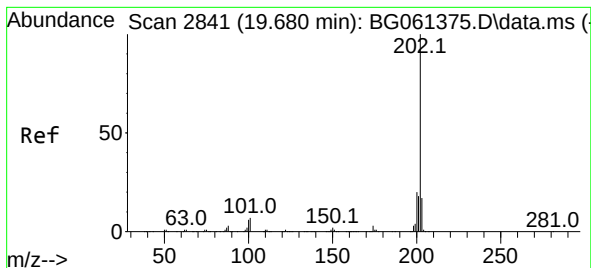


#80
Fluoranthene
Concen: 2.830 ng/ul
RT: 19.316 min Scan# 2779
Delta R.T. 0.002 min
Lab File: BG061385.D
Acq: 31 May 2024 8:50



Tgt Ion:202 Resp: 32945
Ion Ratio Lower Upper
202 100
101 5.8 4.8 7.2
100 5.3 4.1 6.1





#82

Pyrene

Concen: 2.640 ng/ul

RT: 19.680 min Scan# 2841

Delta R.T. 0.002 min

Lab File: BG061385.D

Acq: 31 May 2024 8:50

Instrument :

BNA_G

ClientSampleId :

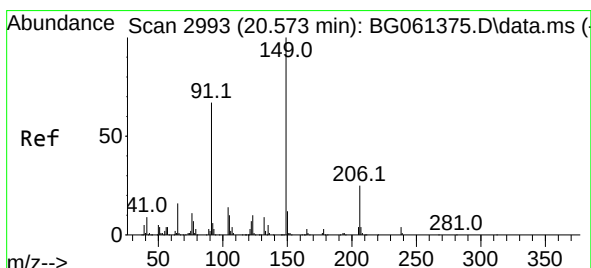
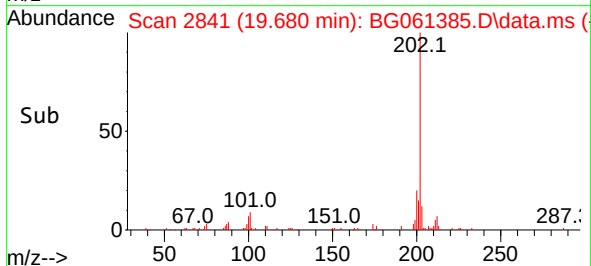
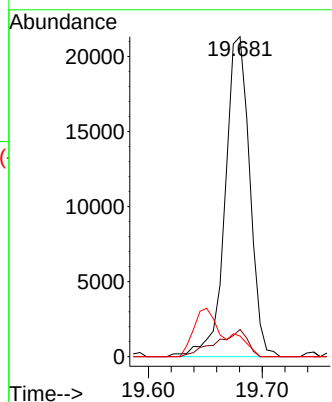
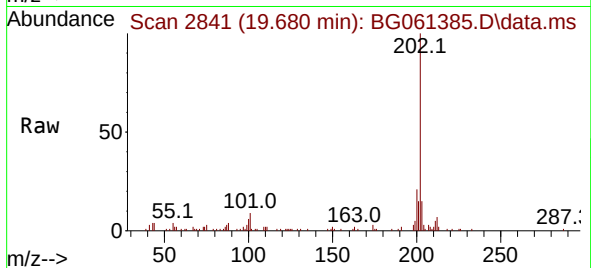
BH5Q9

Tgt Ion:	202	Resp:	3189
Ion Ratio	Lower	Upper	
202	100		
101	9.5	5.7	8.5
100	6.4	5.1	7.7

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#83

Butylbenzylphthalate

Concen: 1.240 ng/ul

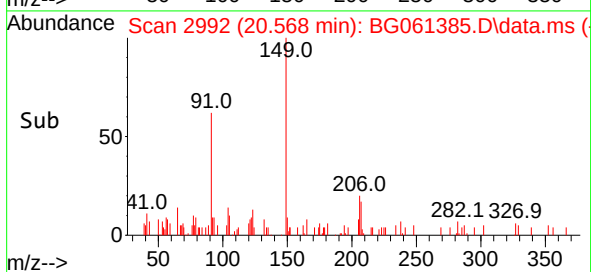
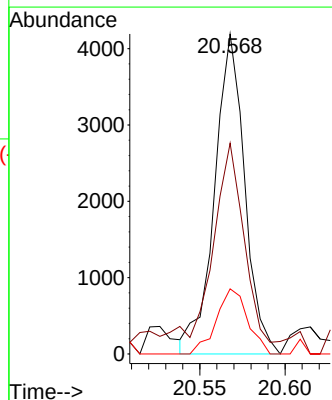
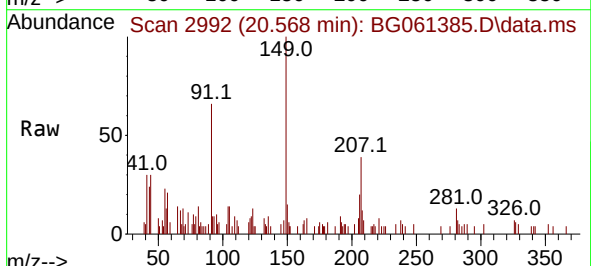
RT: 20.568 min Scan# 2992

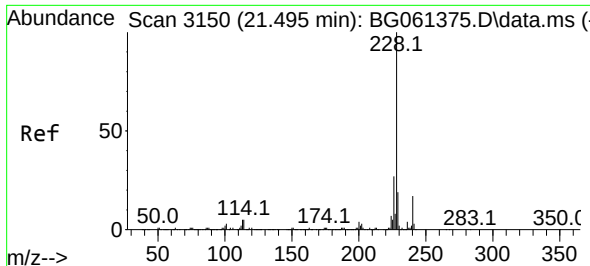
Delta R.T. -0.004 min

Lab File: BG061385.D

Acq: 31 May 2024 8:50

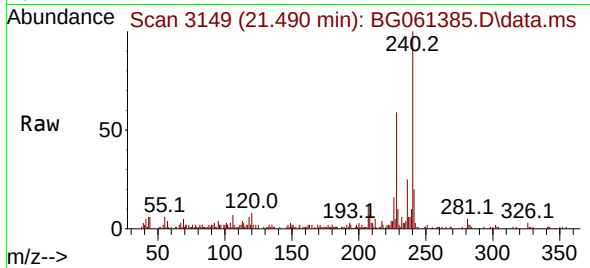
Tgt Ion:	149	Resp:	5147
Ion Ratio	Lower	Upper	
149	100		
91	65.9	54.8	82.2
206	20.4	19.4	29.0





#85
Benzo(a)anthracene
Concen: 1.495 ng/ul
RT: 21.490 min Scan# 3150
Delta R.T. -0.004 min
Lab File: BG061385.D
Acq: 31 May 2024 8:50

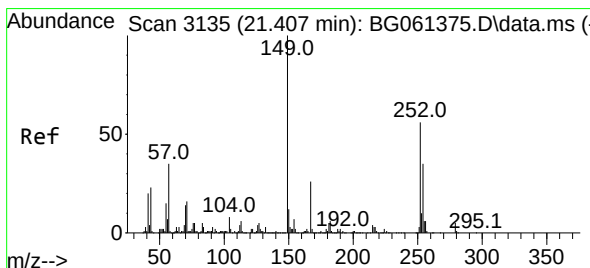
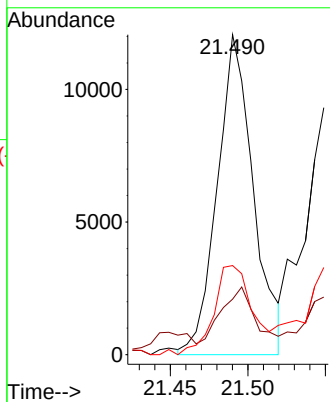
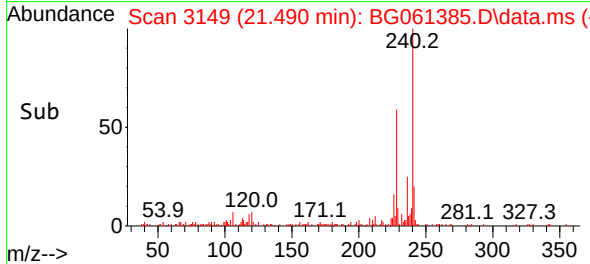
Instrument :
BNA_G
ClientSampleId :
BH5Q9



Tgt Ion:228 Resp: 1950
Ion Ratio Lower Upper
228 100
229 17.3 15.2 22.8
226 27.8 21.4 32.2

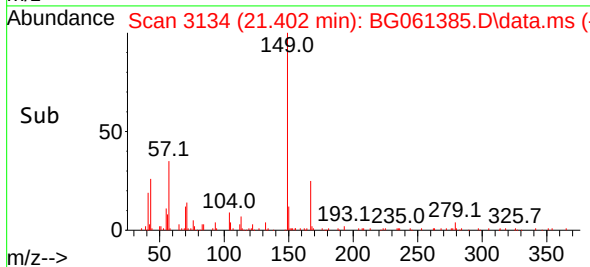
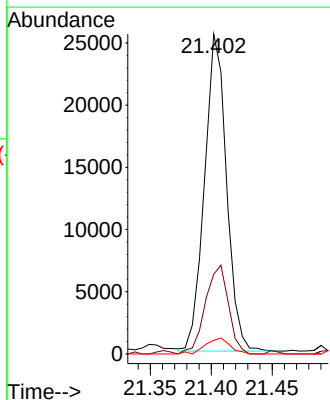
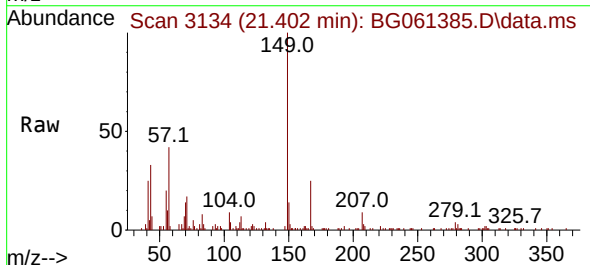
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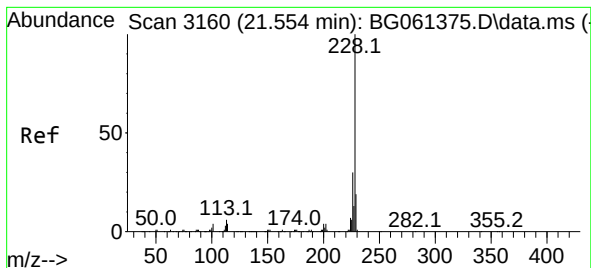
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 5.218 ng/ul
RT: 21.402 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BG061385.D
Acq: 31 May 2024 8:50

Tgt Ion:149 Resp: 32061
Ion Ratio Lower Upper
149 100
167 24.9 21.1 31.7
279 4.2 3.3 4.9





#87

Chrysene

Concen: 1.606 ng/ul m

RT: 21.555 min Scan# 3160

Delta R.T. 0.002 min

Lab File: BG061385.D

Acq: 31 May 2024 8:50

Instrument :

BNA_G

ClientSampleId :

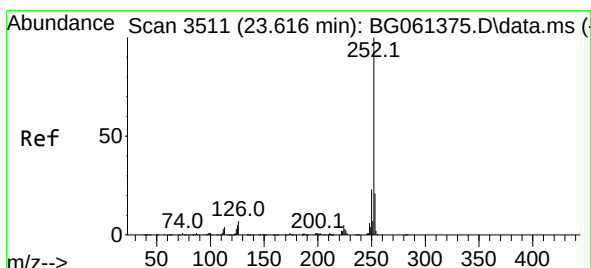
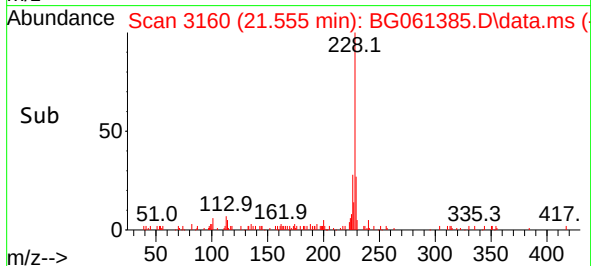
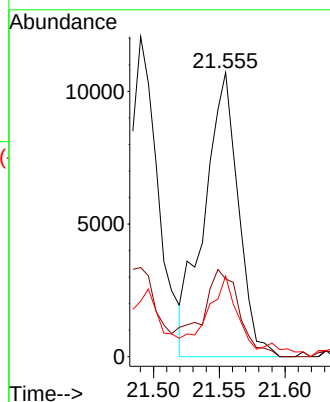
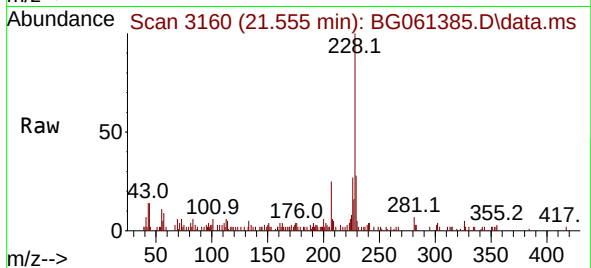
BH5Q9

Tgt Ion:	228	Resp:	19284
Ion Ratio	Lower	Upper	
228	100		
226	27.3	23.4	35.0
229	28.4	15.4	23.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 2.108 ng/ul

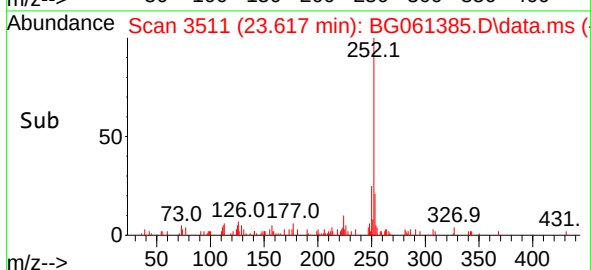
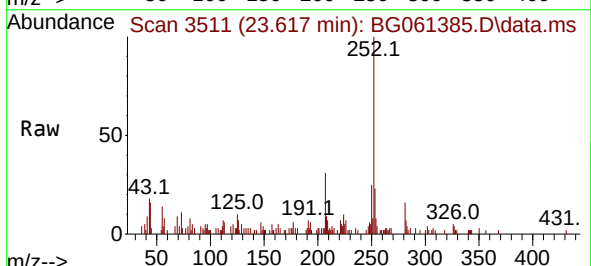
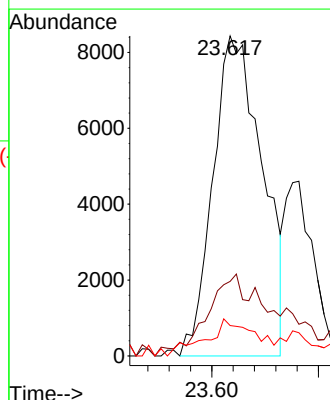
RT: 23.617 min Scan# 3511

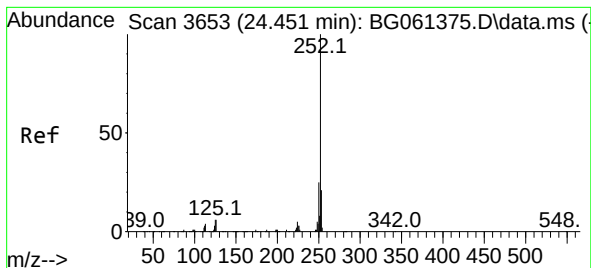
Delta R.T. 0.002 min

Lab File: BG061385.D

Acq: 31 May 2024 8:50

Tgt Ion:	252	Resp:	27141
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	9.5	4.6	6.8





#93

Benzo(a)pyrene

Concen: 1.568 ng/ul m

RT: 24.446 min Scan# 3

Delta R.T. -0.004 min

Lab File: BG061385.D

Acq: 31 May 2024 8:50

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BNA_G

ClientSampleId :

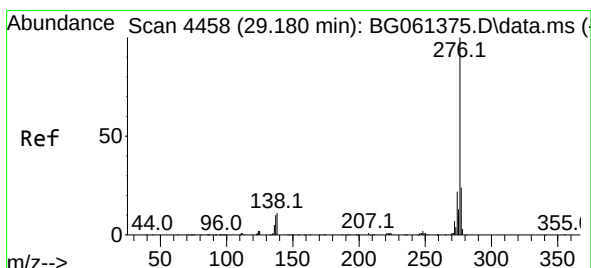
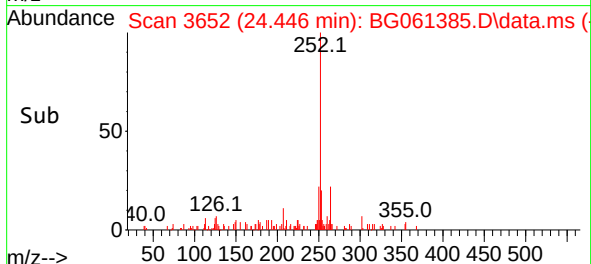
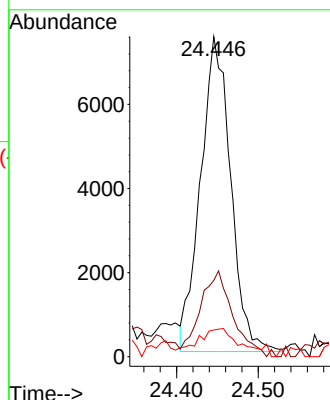
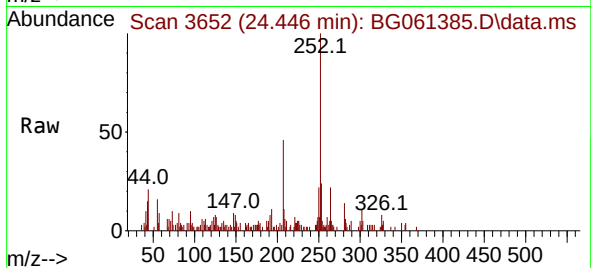
BH5Q9

Tgt Ion:	252	Resp:	1916
Ion Ratio	Lower	Upper	
252	100		
253	23.9	16.4	24.6
125	8.4	4.3	6.5

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.093 ng/ul m

RT: 29.169 min Scan# 4456

Delta R.T. -0.004 min

Lab File: BG061385.D

Acq: 31 May 2024 8:50

Tgt Ion:	276	Resp:	12857
Ion Ratio	Lower	Upper	
276	100		
138	7.5	8.7	13.1#
277	20.9	18.2	27.2

