

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061286.D
 Acq On : 24 May 2024 13:49
 Operator : MA/JU
 Sample : P2548-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH612

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 25 00:20:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	17650	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	79742	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	67868	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	167697	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.519	240	162501	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	186497	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	1543	4.892	ng/uL	0.00
4) Pyridine-d5	3.746	84	21883	19.503	ng/ul	0.00
7) Phenol-d5	7.066	99	46095	31.802	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	30744	33.746	ng/ul	0.00
11) 2-Chlorophenol-d4	7.424	132	36353	33.889	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	42505	34.392	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	20973	34.160	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	24291	33.806	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	48055	34.305	ng/ul	0.00
31) 4-Chloroaniline-d4	10.814	131	61710	33.673	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	191162	36.317	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	203348	37.159	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	21081	32.394	ng/ul	0.00
60) Fluorene-d10	15.515	176	170929	37.613	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	29768	29.349	ng/ul	0.00
73) Anthracene-d10	17.365	188	281074	38.018	ng/ul	0.00
81) Pyrene-d10	19.657	212	334485	40.088	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	346269	38.620	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.307	178	13299	1.634	ng/ul	95
80) Fluoranthene	19.322	202	36671	3.664	ng/ul#	97
82) Pyrene	19.686	202	38378	3.694	ng/ul	99
85) Benzo(a)anthracene	21.502	228	22790m	2.033	ng/ul	
87) Chrysene	21.560	228	24058	2.330	ng/ul	96
90) Benzo(b)fluoranthene	23.634	252	30873	2.780	ng/ul#	95
91) Benzo(k)fluoranthene	23.693	252	11886	1.054	ng/ul#	97
93) Benzo(a)pyrene	24.457	252	24061	2.282	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.100	276	17163m	1.346	ng/ul	
96) Benzo(g,h,i)perylene	29.187	276	16298m	1.607	ng/ul	

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

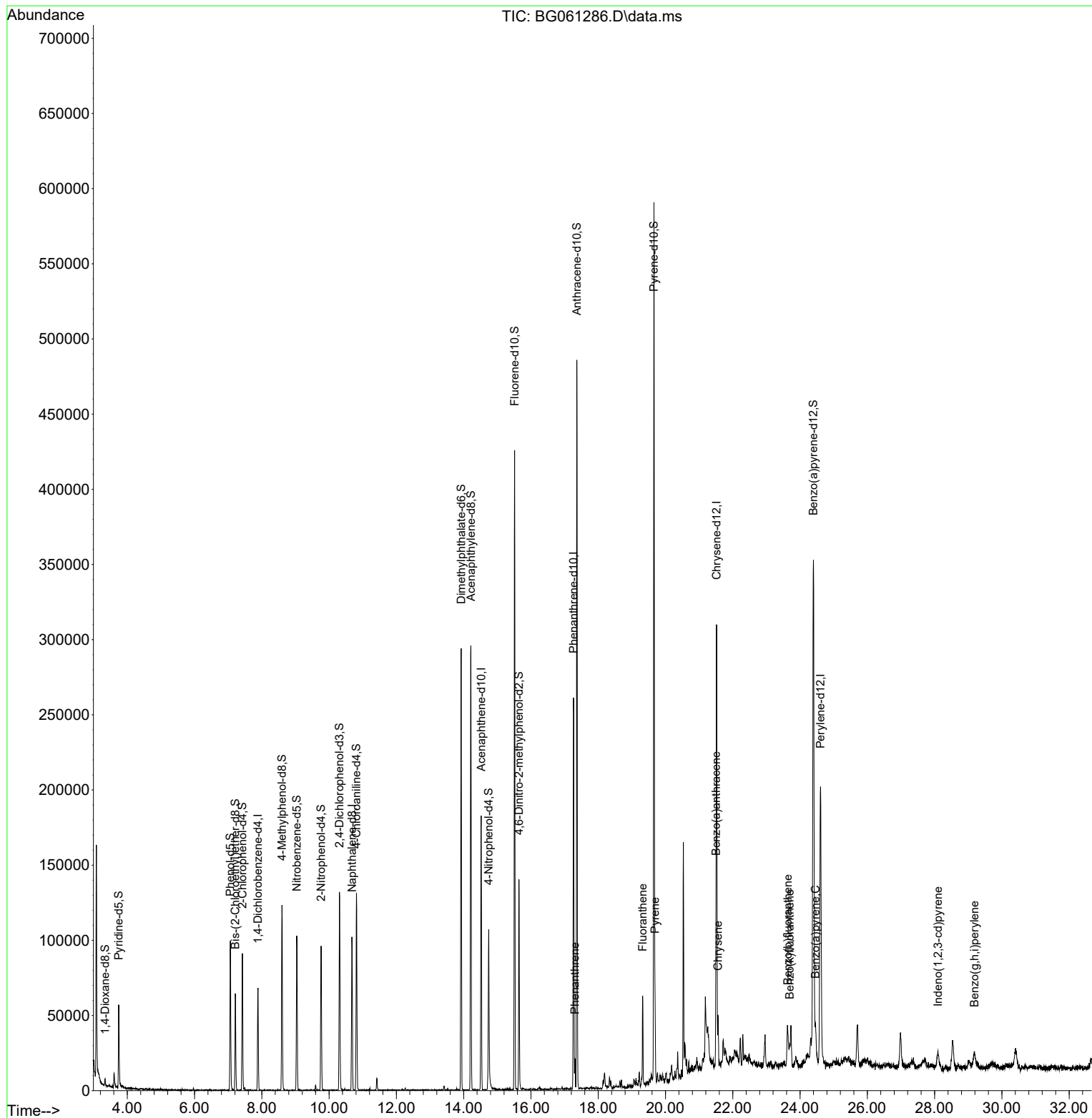
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061286.D
 Acq On : 24 May 2024 13:49
 Operator : MA/JU
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 ALS Vial : 10 Sample Multiplier: 1

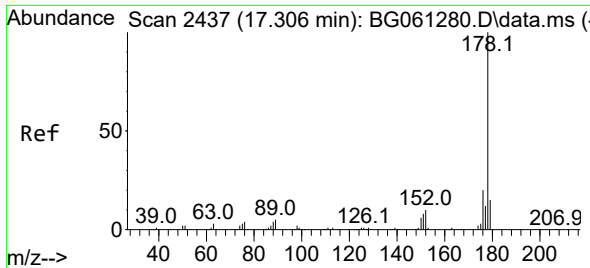
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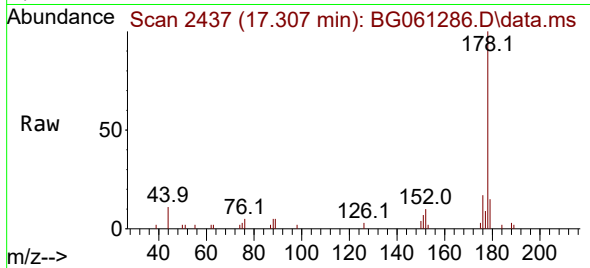
Quant Time: May 25 00:20:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.634 ng/ul
RT: 17.307 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

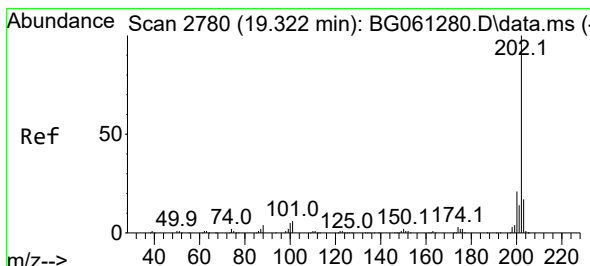
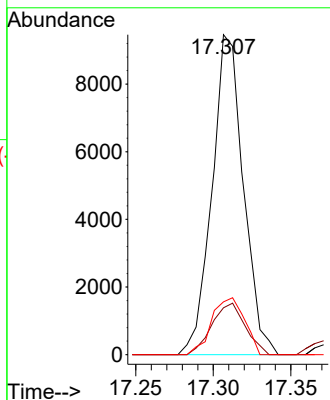
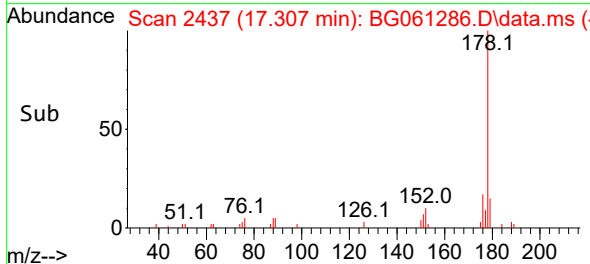
Instrument :
BNA_G
ClientSampleId :
BH612



Tgt Ion:178 Resp: 13299
Ion Ratio Lower Upper
178 100
179 14.7 12.7 19.1
176 16.5 15.5 23.3

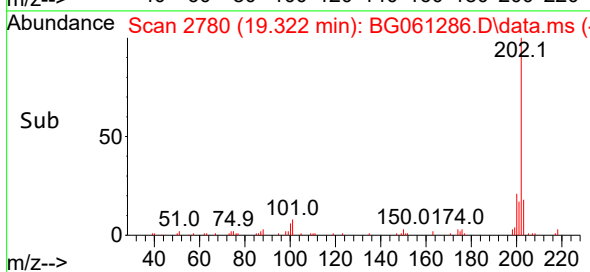
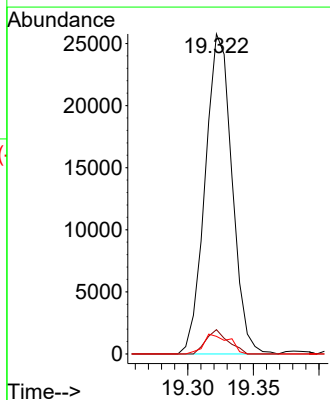
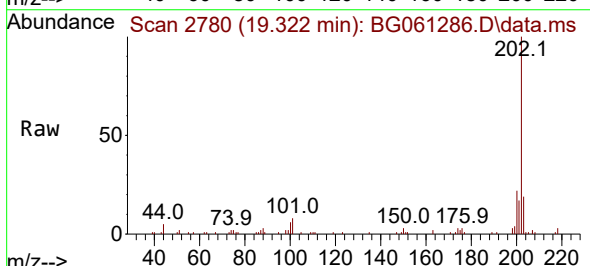
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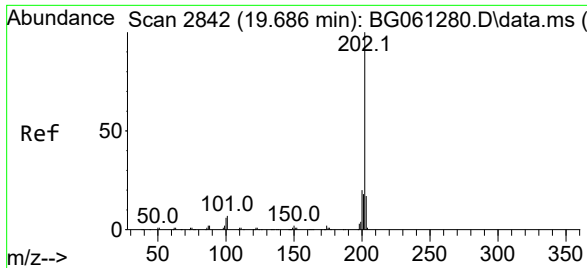
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#80
Fluoranthene
Concen: 3.664 ng/ul
RT: 19.322 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

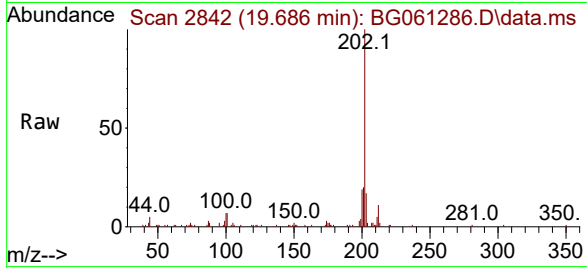
Tgt Ion:202 Resp: 36671
Ion Ratio Lower Upper
202 100
101 7.6 4.8 7.2#
100 5.5 4.1 6.1





#82
 Pyrene
 Concen: 3.694 ng/ul
 RT: 19.686 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: BG061286.D
 Acq: 24 May 2024 13:49

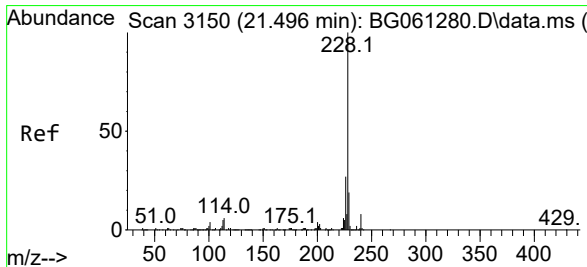
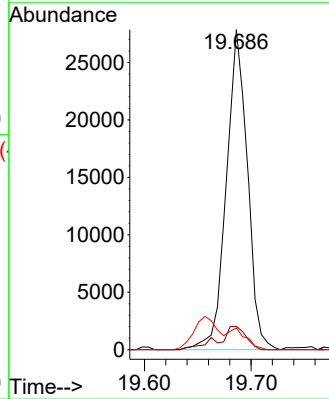
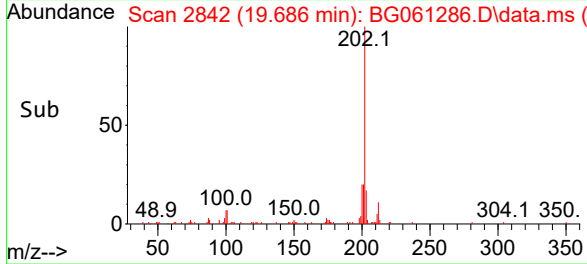
Instrument :
 BNA_G
 ClientSampleId :
 BH612



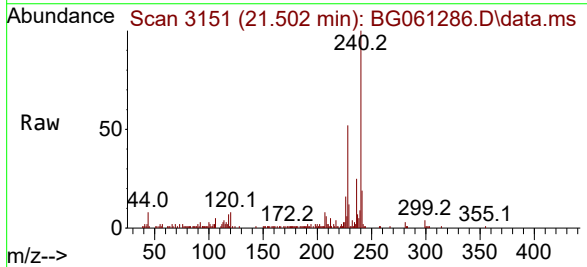
Tgt Ion:202 Resp: 38378
 Ion Ratio Lower Upper
 202 100
 101 7.3 5.7 8.5
 100 6.8 5.1 7.7

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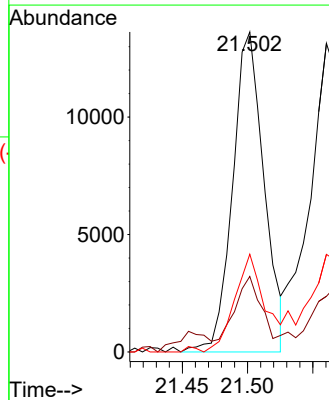
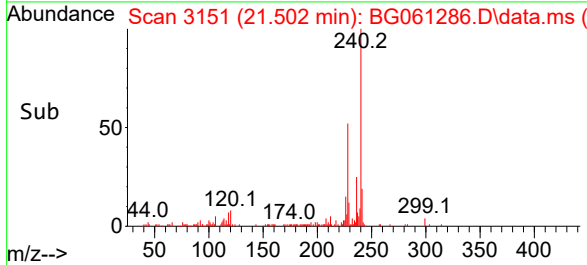
Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

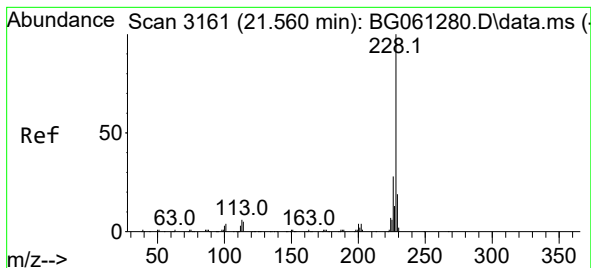


#85
 Benzo(a)anthracene
 Concen: 2.033 ng/ul m
 RT: 21.502 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: BG061286.D
 Acq: 24 May 2024 13:49



Tgt Ion:228 Resp: 22790
 Ion Ratio Lower Upper
 228 100
 229 23.6 15.2 22.8#
 226 30.6 21.4 32.2





#87

Chrysene

Concen: 2.330 ng/ul

RT: 21.560 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BG061286.D

Acq: 24 May 2024 13:49

Instrument :

BNA_G

ClientSampleId :

BH612

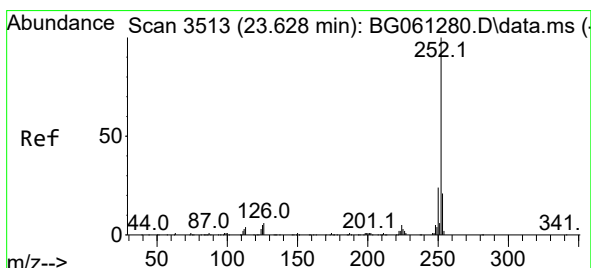
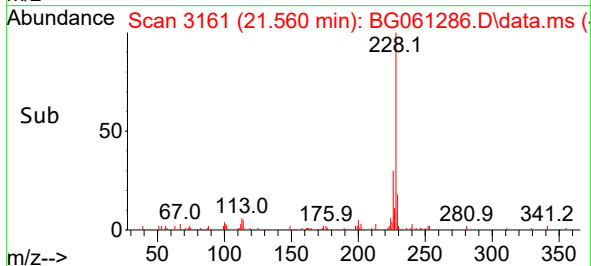
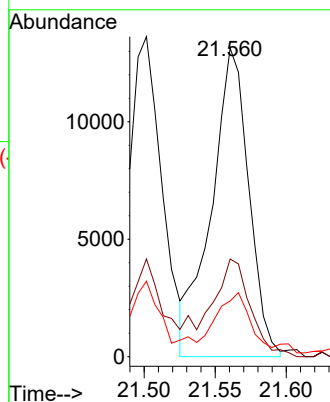
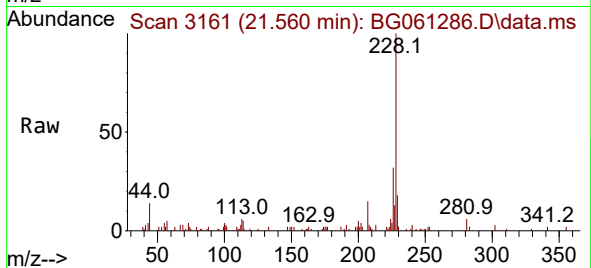
Tgt Ion:	228	Resp:	24058
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.4	35.0
229	18.0	15.4	23.2

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#90

Benzo(b)fluoranthene

Concen: 2.780 ng/ul

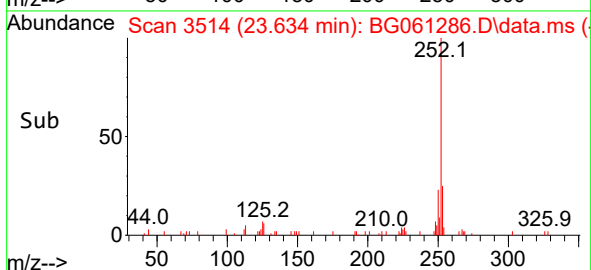
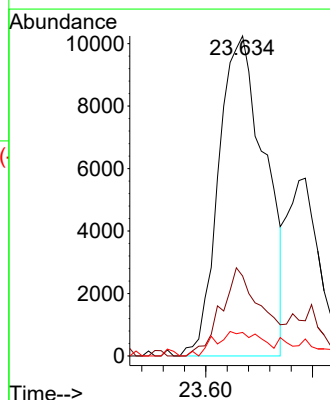
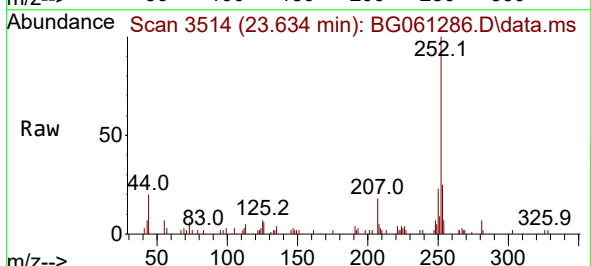
RT: 23.634 min Scan# 3514

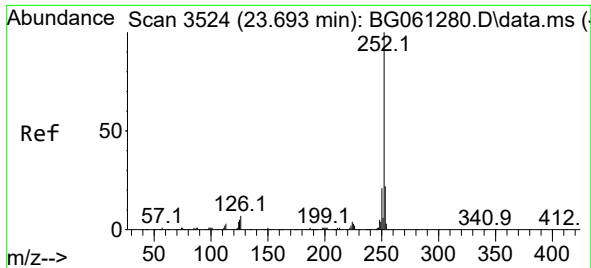
Delta R.T. 0.006 min

Lab File: BG061286.D

Acq: 24 May 2024 13:49

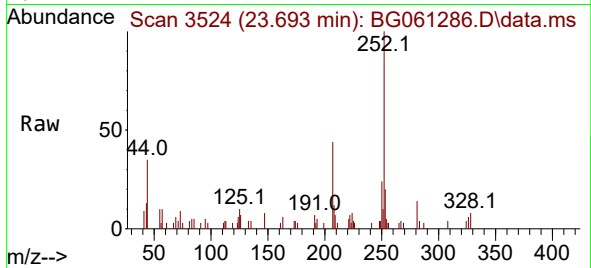
Tgt Ion:	252	Resp:	30873
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.8	26.8
125	7.3	4.6	6.8





#91
Benzo(k)fluoranthene
Concen: 1.054 ng/ul
RT: 23.693 min Scan# 3524
Delta R.T. -0.000 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

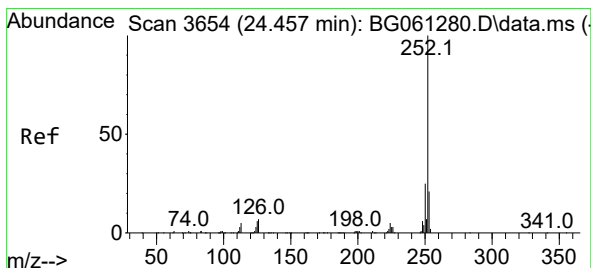
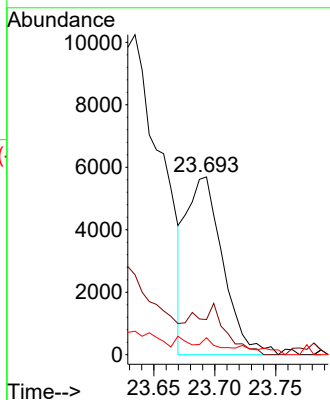
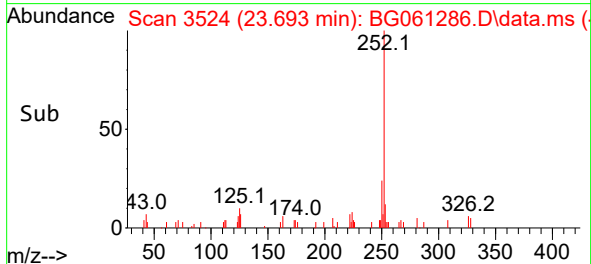
Instrument :
BNA_G
ClientSampleId :
BH612



Tgt Ion:252 Resp: 11880
Ion Ratio Lower Upper
252 100
253 19.8 16.0 24.0
125 9.5 4.3 6.5

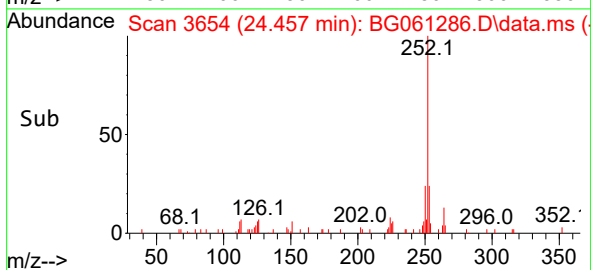
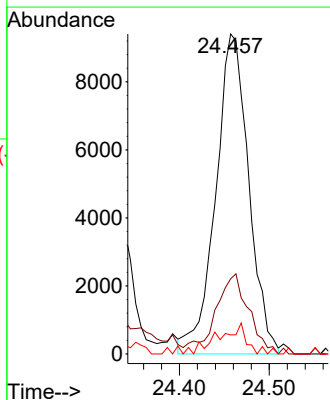
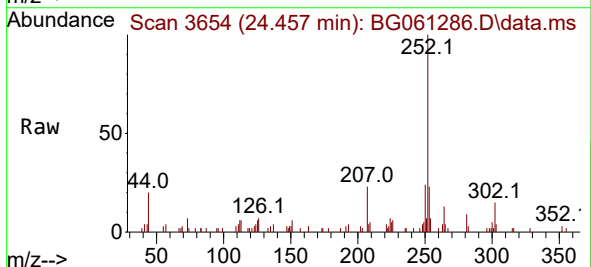
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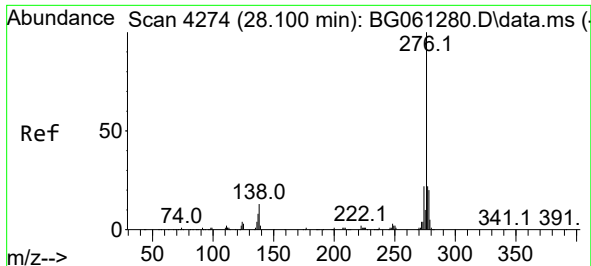
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024



#93
Benzo(a)pyrene
Concen: 2.282 ng/ul
RT: 24.457 min Scan# 3654
Delta R.T. -0.006 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

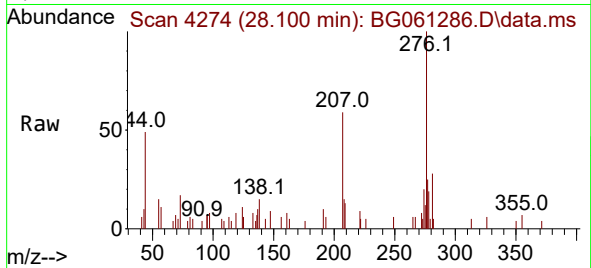
Tgt Ion:252 Resp: 24061
Ion Ratio Lower Upper
252 100
253 23.5 16.4 24.6
125 6.0 4.3 6.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.346 ng/ul m
RT: 28.100 min Scan# 4274
Delta R.T. -0.006 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

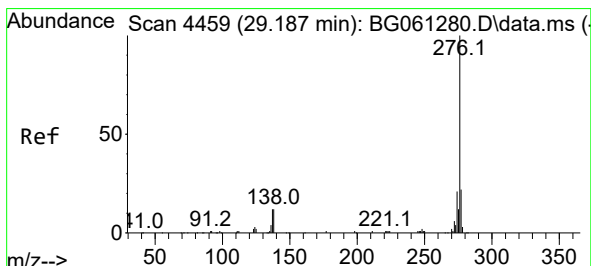
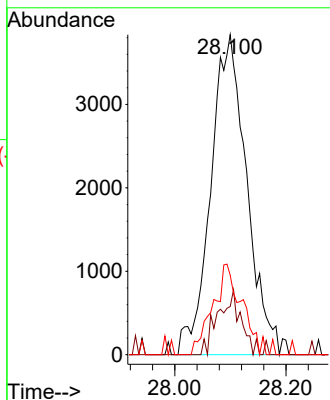
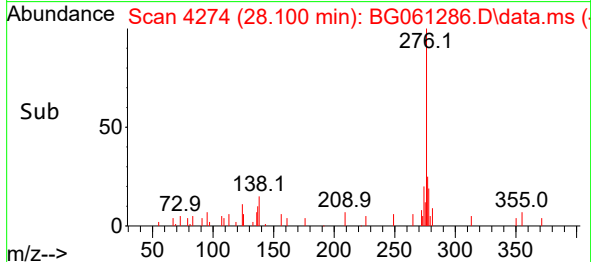
Instrument :
BNA_G
ClientSampleId :
BH612



Tgt Ion:276 Resp: 1716
Ion Ratio Lower Upper
276 100
138 15.0 8.6 13.0
277 24.8 19.7 29.5

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.607 ng/ul m
RT: 29.187 min Scan# 4459
Delta R.T. -0.006 min
Lab File: BG061286.D
Acq: 24 May 2024 13:49

Tgt Ion:276 Resp: 16298
Ion Ratio Lower Upper
276 100
138 17.1 8.7 13.1
277 24.9 18.2 27.2

