

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061327.D
 Acq On : 29 May 2024 13:54
 Operator : MA/JU
 Sample : P2568-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Q8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 00:45:59 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	7.879	152	25878	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.675	136	114518	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.518	164	89142	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	196632	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	201762	20.000	ng/u1	0.00
88) Perylene-d12	24.606	264	233079	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	2907	6.287	ng/uL	0.00
4) Pyridine-d5	3.748	84	45897	27.900	ng/u1	0.00
7) Phenol-d5	7.062	99	73162	34.427	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.215	67	46103	34.515	ng/u1	0.00
11) 2-Chlorophenol-d4	7.420	132	59906	38.090	ng/u1	0.00
15) 4-Methylphenol-d8	8.596	113	65469	36.129	ng/u1	0.00
21) Nitrobenzene-d5	9.036	128	32594	36.967	ng/u1	0.00
24) 2-Nitrophenol-d4	9.759	143	36642	35.509	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.311	165	73010	36.292	ng/u1	0.00
31) 4-Chloroaniline-d4	10.811	131	91619	34.811	ng/u1	0.00
46) Dimethylphthalate-d6	13.925	166	253278	36.634	ng/u1	0.00
49) Acenaphthylene-d8	14.213	160	277462	38.602	ng/u1	0.00
54) 4-Nitrophenol-d4	14.741	143	29302	34.281	ng/u1	0.00
60) Fluorene-d10	15.511	176	226146	37.887	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	30996	26.063	ng/u1	0.00
73) Anthracene-d10	17.368	188	365460	42.158	ng/u1	0.00
81) Pyrene-d10	19.659	212	432963	41.794	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.395	264	473487	42.255	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.303	178	10099	1.058	ng/u1	98
80) Fluoranthene	19.324	202	31630	2.545	ng/u1	99
82) Pyrene	19.683	202	30192	2.340	ng/u1#	97
85) Benzo(a)anthracene	21.498	228	18914	1.359	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	15258	2.326	ng/u1	100
87) Chrysene	21.563	228	20026m	1.562	ng/u1	
90) Benzo(b)fluoranthene	23.625	252	27570	1.987	ng/u1#	97
93) Benzo(a)pyrene	24.459	252	18660	1.416	ng/u1	97
96) Benzo(g,h,i)perylene	29.189	276	13538m	1.068	ng/u1	

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

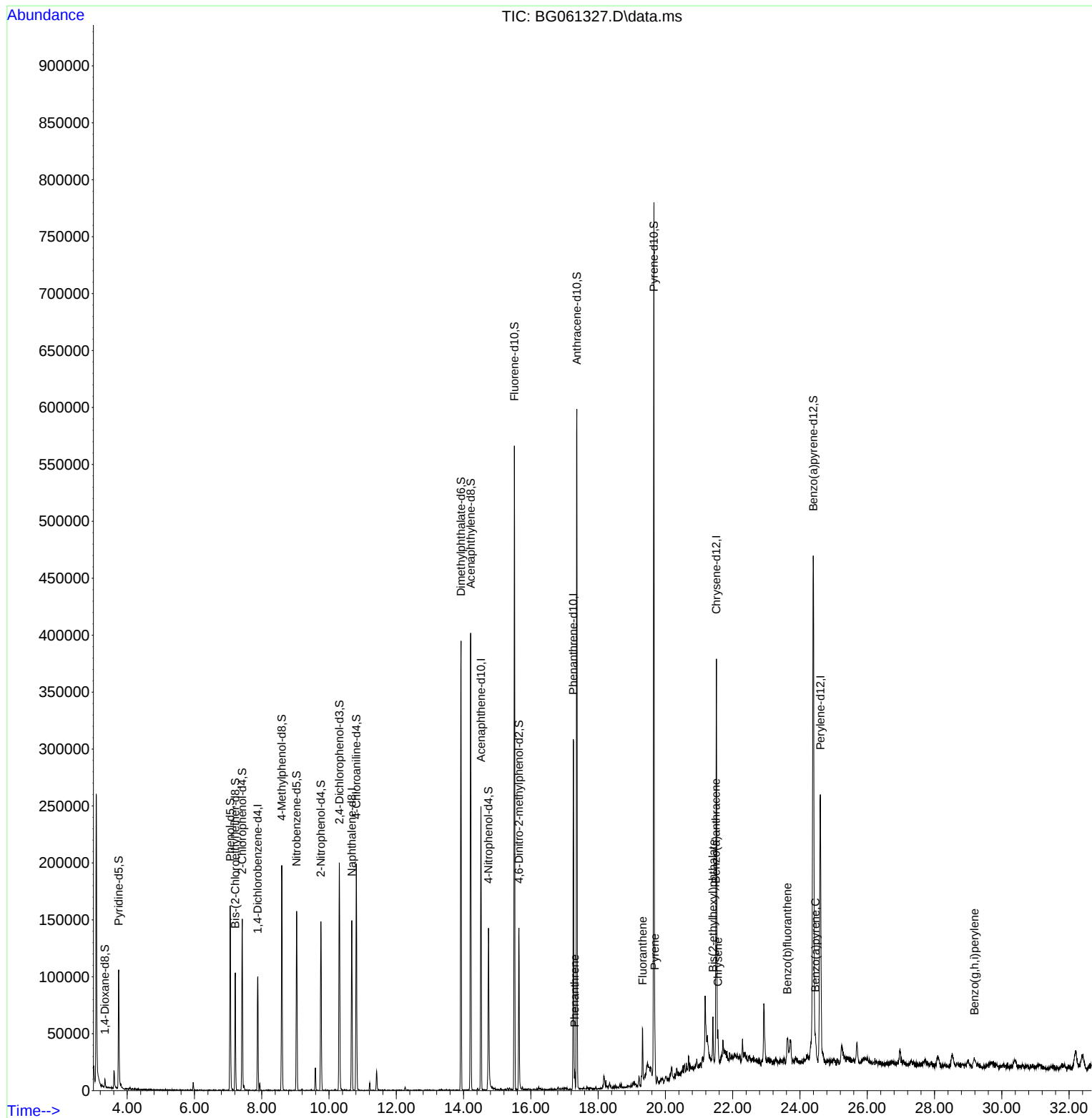
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
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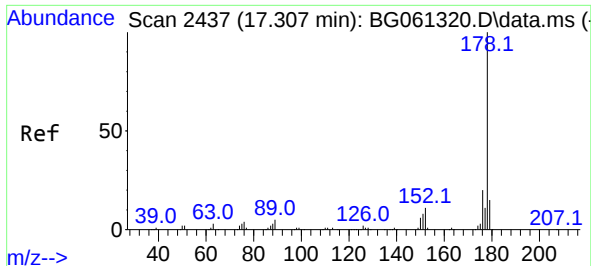
Instrument :
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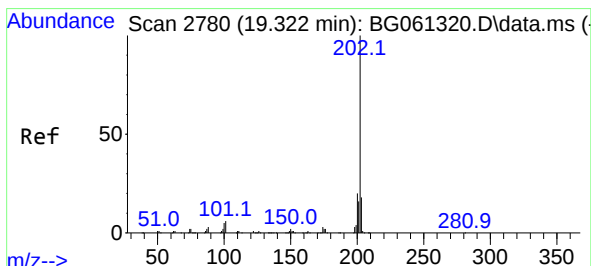
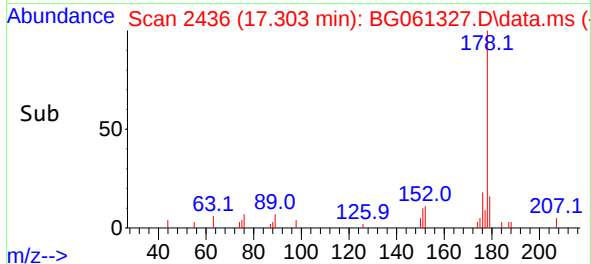
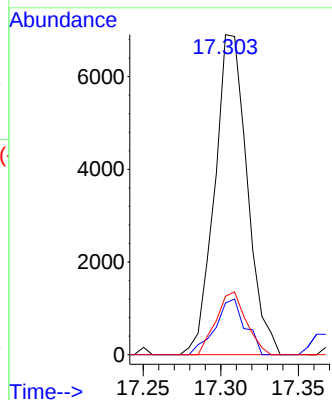
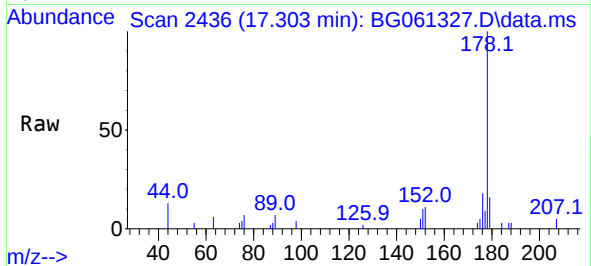
#72
Phenanthrene
Concen: 1.058 ng/u1
RT: 17.303 min Scan# 2437
Delta R.T. -0.010 min
Lab File: BG061327.D
Acq: 29 May 2024 13:54

Instrument :
BNA_G
ClientSampleId :
BH5Q8

Tgt Ion:178 Resp: 1009
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 18.2 15.5 23.3

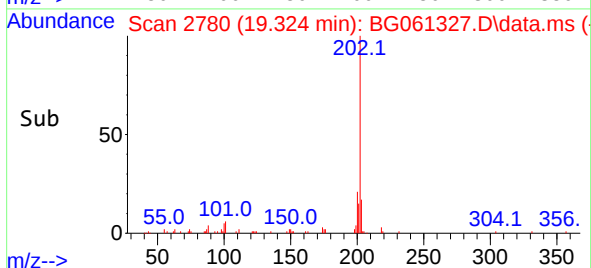
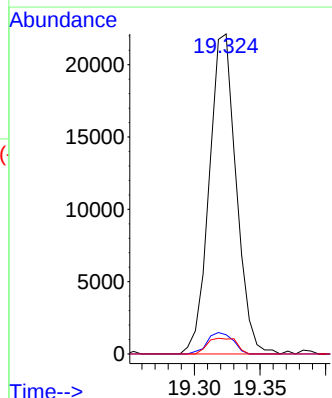
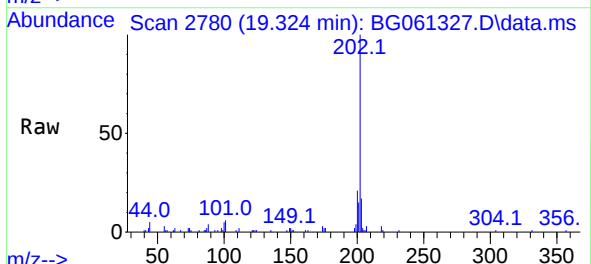
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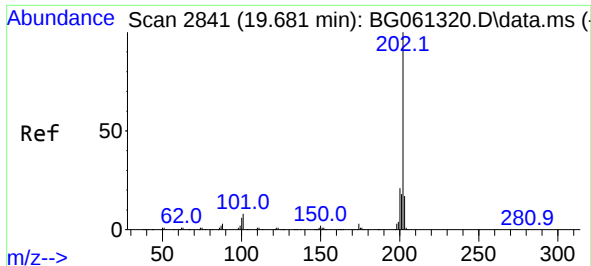
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#80
Fluoranthene
Concen: 2.545 ng/u1
RT: 19.324 min Scan# 2780
Delta R.T. -0.004 min
Lab File: BG061327.D
Acq: 29 May 2024 13:54

Tgt Ion:202 Resp: 31630
Ion Ratio Lower Upper
202 100
101 6.0 4.8 7.2
100 4.7 4.1 6.1





#82
Pyrene
Concen: 2.340 ng/ul
RT: 19.683 min Scan# 2841
Delta R.T. -0.004 min
Lab File: BG061327.D
Acq: 29 May 2024 13:54

Instrument :

BNA_G

ClientSampleId :

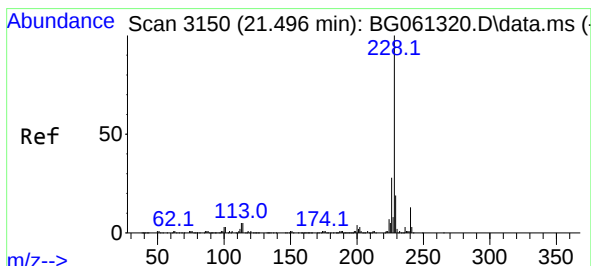
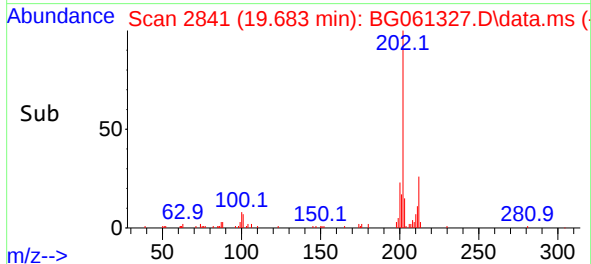
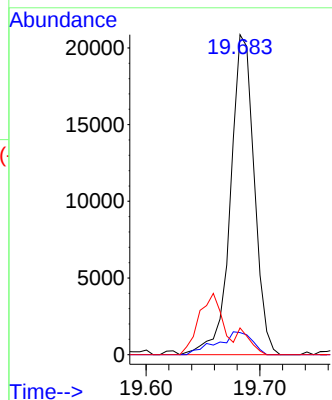
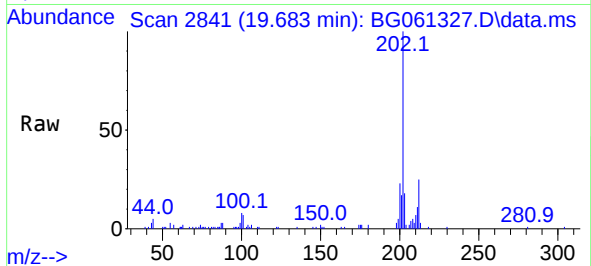
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Tgt Ion:202 Resp: 3019
Ion Ratio Lower Upper
202 100
101 6.9 5.7 8.5
100 8.3 5.1 7.7

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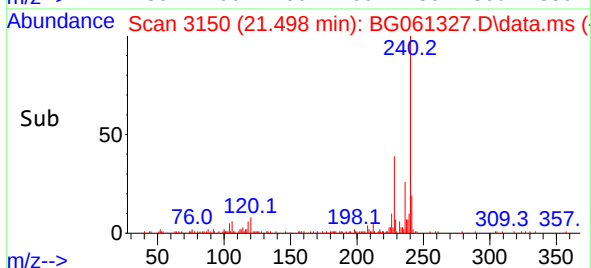
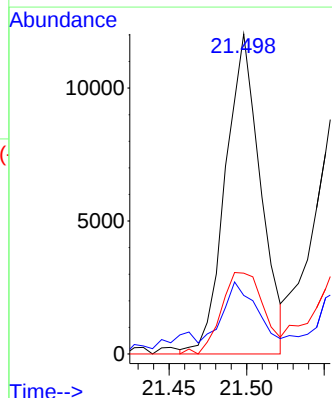
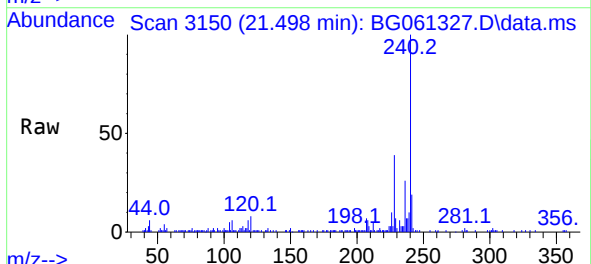
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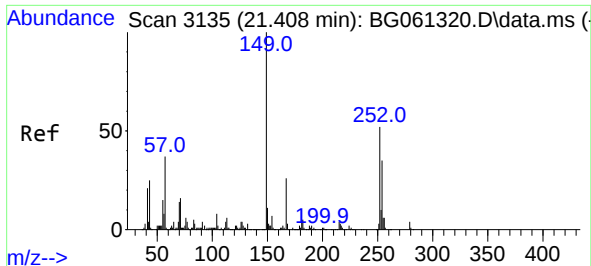
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#85
Benzo(a)anthracene
Concen: 1.359 ng/ul
RT: 21.498 min Scan# 3150
Delta R.T. -0.004 min
Lab File: BG061327.D
Acq: 29 May 2024 13:54

Tgt Ion:228 Resp: 18914
Ion Ratio Lower Upper
228 100
229 18.3 15.2 22.8
226 25.2 21.4 32.2





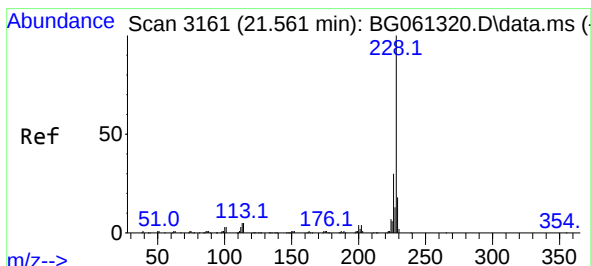
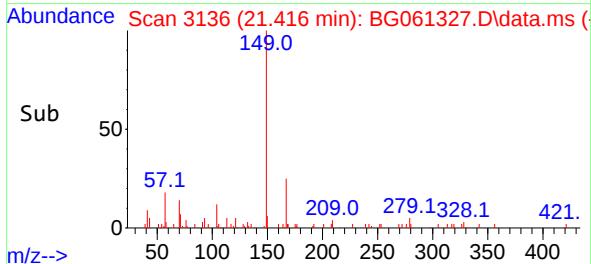
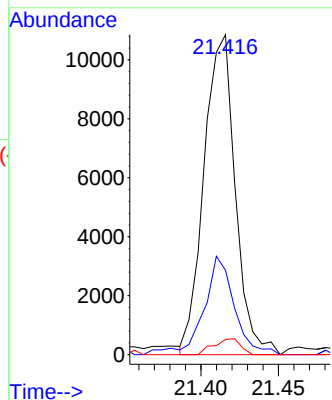
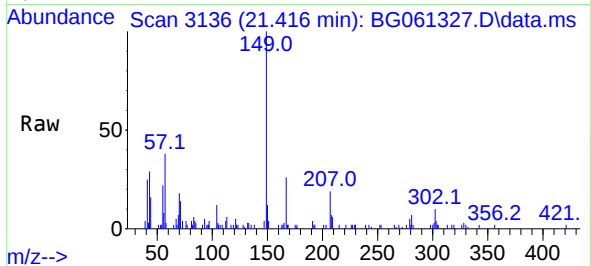
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.326 ng/ul
RT: 21.416 min Scan# 3136
Delta R.T. 0.002 min
Lab File: BG061327.D
Acq: 29 May 2024 13:54

Instrument :
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Tgt Ion:149 Resp: 15258
Ion Ratio Lower Upper
149 100
167 26.4 21.1 31.7
279 4.7 3.3 4.9

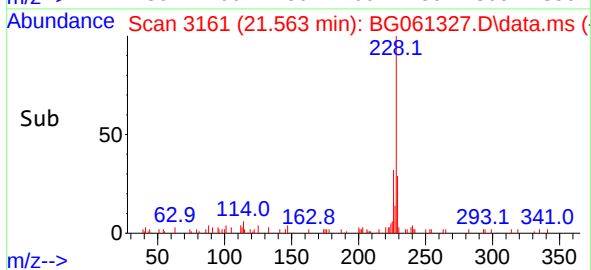
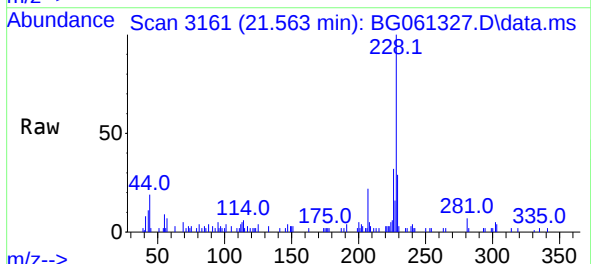
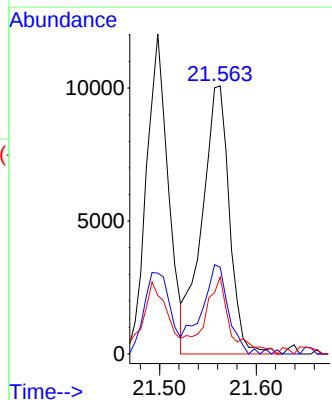
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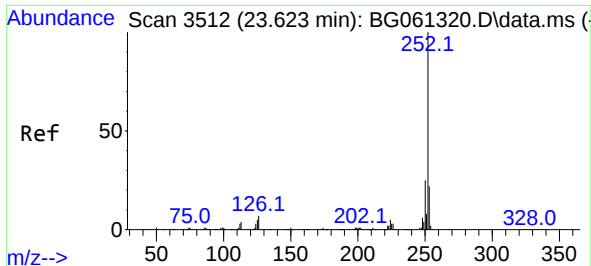
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#87
Chrysene
Concen: 1.562 ng/ul m
RT: 21.563 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BG061327.D
Acq: 29 May 2024 13:54

Tgt Ion:228 Resp: 20026
Ion Ratio Lower Upper
228 100
226 32.4 23.4 35.0
229 28.7 15.4 23.2#





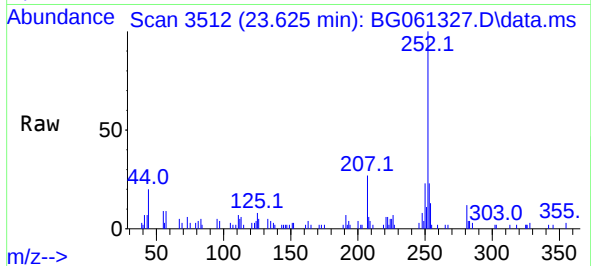
#90
Benzo(b)fluoranthene
Concen: 1.987 ng/ul
RT: 23.625 min Scan# 3512
Delta R.T. -0.004 min
Lab File: BG061327.D
Acq: 29 May 2024 13:54

Instrument :

BNA_G

ClientSampleId :

BH5Q8

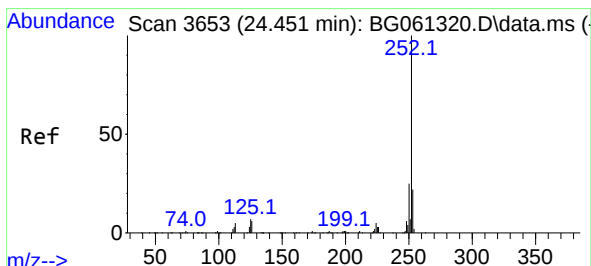
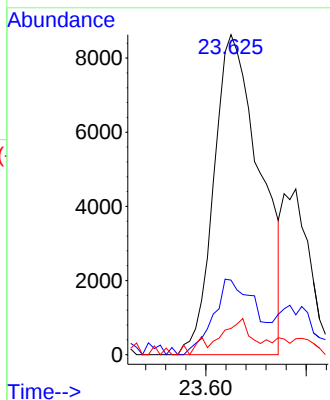
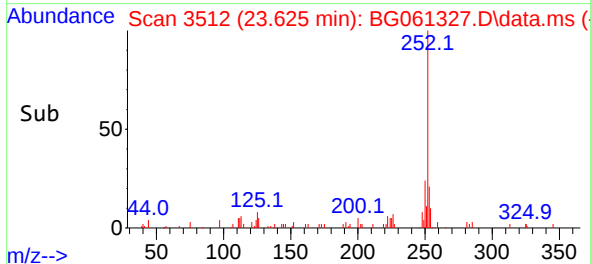


Tgt Ion:252 Resp: 27570
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 8.2 4.6 6.8

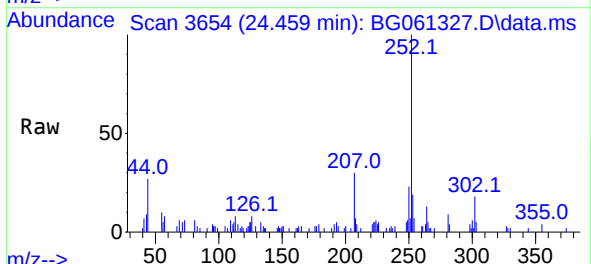
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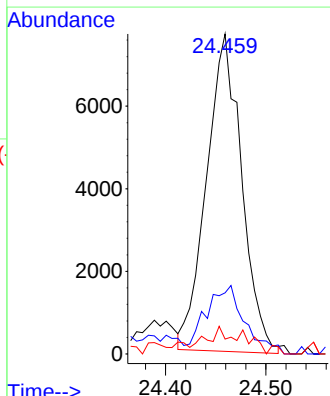
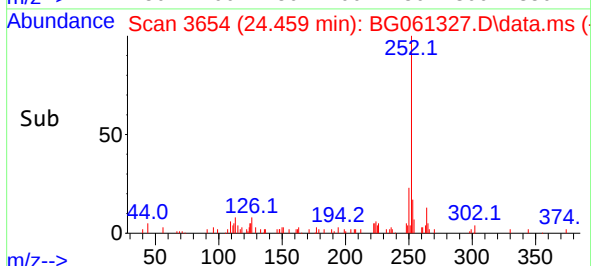
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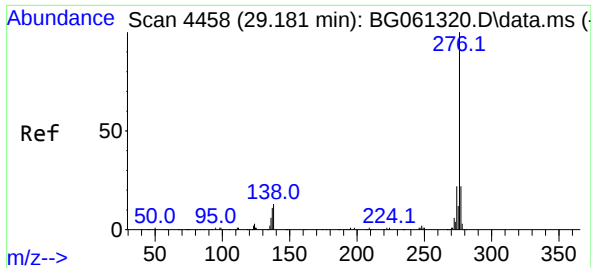


#93
Benzo(a)pyrene
Concen: 1.416 ng/ul
RT: 24.459 min Scan# 3654
Delta R.T. -0.004 min
Lab File: BG061327.D
Acq: 29 May 2024 13:54



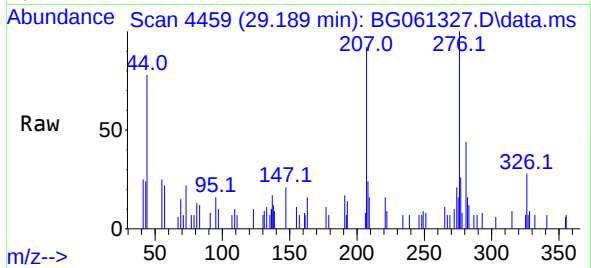
Tgt Ion:252 Resp: 18660
Ion Ratio Lower Upper
252 100
253 19.1 16.4 24.6
125 4.7 4.3 6.5





#96
Benzo(g,h,i)perylene
Concen: 1.068 ng/ul m
RT: 29.189 min Scan# 44
Delta R.T. -0.004 min
Lab File: BG061327.D
Acq: 29 May 2024 13:54

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Tgt Ion:276 Resp: 13538
Ion Ratio Lower Upper
276 100
138 12.3 8.7 13.1
277 25.7 18.2 27.2

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